INDEX *of* PATENTS

ISSUED FROM

THE UNITED STATES PATENT OFFICE

1940

SMITHSONIAN INSTITUTION
315392
APR 8 1941
NATIONAL MUSEUM

223
D7
NMAH

INDEX OF PATENTS

ISSUED FROM

THE UNITED STATES PATENT OFFICE

1940

UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1941

For sale by the Superintendent of Documents, Washington, D. C. - - - - - - - - - - - - $2.00 (Paper covers); $4.00 (cloth)

CONTENTS

Decisions Printed in the Official Gazette in 1940 3
List of Plant Patentees 5
List of Patentees 7
List of Design Patentees 796
List of Disclaimers 874
List of Plant Inventions 878
List of Inventions 879
List of Design Inventions 1220
List of Disclaimers Arranged by Inventions 1252

DECISIONS PRINTED IN THE OFFICIAL GAZETTE IN 1940

Abbott, Edward J., and Abbott Machine Company *v.* Coe, Commissioner of Patents. 512 O. G. 3.
Akers *v.* Papst. 521 O. G. 1105.
Alden *v.* Bessey. 517 O. G. 5.
Allen. In re. 518 O. G. 774; 519 O. G. 804.
Allen et al. In re. 521 O. G. 265.
Arzberger. In re. 521 O. G. 272.
Atkins, Jr., George T. Ex parte. 513 O. G. 497.
Babcock. In re. 519 O. G. 225.
Becket *v.* Arness. 521 O. G. 789.
Belden et al. *v.* Klingele. 521 O. G. 795.
Bellamy et al. *v.* Snavely et al. 518 O. G. 536.
Benson *v.* Beman. 516 O. G. 270.
Bertsch. In re. 514 O. G. 3.
Booth Fisheries Corporation *v.* Coe, Commissioner of Patents. 519 O. G. 219.
Borchers et al. In re. 518 O. G. 771.
Bork. In re. 520 O. G. 262.
Bourdon *v.* Kraft. 521 O. G. 1108.
Brooks. In re. 518 O. G. 774.
Brown *v.* Edeler et al. 519 O. G. 222.
Buckwalter. In re. 518 O. G. 539.
Cady. In re. 520 O. G. 794.
Cahill *v.* Maxant. 521 O. G. 12.
Carlton. In re. 519 O. G. 521.
Castricone *v.* McCabe. 520 O. G. 269.
Chamberlain *v.* Kleist. 521 O. G. 800.
Christmann and Jayne, Jr. In re. 512 O. G. 241.
Colin. Ex parte Philip Gordon. 519 O. G. 797.
Crecca *v.* Rippen. 520 O. G. 537.
Daniels *v.* Coe, Commissioner of Patents. 521 O. G. 787.
Dawson *v.* Martin. 519 O. G. 523.
Denning. In re. 513 O. G. 3.
Dichter. In re. 519 O. G. 1049.
Disch. In re. 521 O. G. 274.
Dreshfield. In re. 518 O. G. 255.
Else *v.* McCormack. 521 O. G. 268.
Emons *v.* McDanal. 521 O. G. 536.
Ethyl Gasoline Corporation, Earle W. Webb, and John Coard Taylor *v.* The United States of America. 515 O. G. 827.
Ewald. In re. 514 O. G. 279.
Ferris *v.* Tuttle. 521 O. G. 523.
Fischer. In re. 521 O. G. 1111.
Fleming. In re. 517 O. G. 285.
Forstrom. In re. 519 O. G. 525.
Freeman, et al. In re. 513 O. G. 497.
Gagnier. In re. 521 O. G. 791.
George *v.* Karsel. 518 O. G. 776.
Goddu. Ex parte. 517 O. G. 563.
Goessling. In re. 515 O. G. 559.
Gredier et al. In re. 521 O. G. 9.
Gregory et al. In re. 521 O. G. 277.
Grettie. In re. 521 O. G. 533.
Haglund *v.* Potts. 518 O. G. 259.
Harnsberger *v.* Youker. 517 O. G. 811.
Harris. In re. 510 O. G. 776.
Hewitt, Jr. In re. 510 O. G. 257.
Heuberger *v.* Becker. 514 O. G. 823.
Hoffberger. In re. 515 O. G. 832; 516 O. G. 1056.
Holmes. In re. 521 O. G. 280.
Hull *v.* Smith. 516 O. G. 541.
Huyett. In re. 521 O. G. 537.
Jacke *v.* Long and Jacke *v.* Goldsborough. 520 O. G. 4.
Jagielky. In re. 517 O. G. 289.
Jeffery. In re. 521 O. G. 535.
Jones et al. In re. 516 O. G. 6.
Kaplan. In re. 519 O. G. 219.
King et al. In re. 510 O. G. 961.
Kirby. In re. 518 O. G. 535.
Kokatnur. In re. 517 O. G. 3; 517 O. G. 287.
Komenak, Albert J. Ex parte. 512 O. G. 739.
Lammchen. In re. 521 O. G. 267.
Land. In re. 516 O. G. 813; 516 O. G. 1053.
Lang. In re. 520 O. G. 801.
Langevin *v.* Nicolson. 520 O. G. 7.
Lathrop *v.* Shipman. 521 O. G. 799.
Lawson. In re. 517 O. G. 569.
Lewis. In re. 514 O. G. 560.
Lueck. In re. 516 O. G. 7.
Lyon. In re. 521 O. G. 527.
Madsen. In re. 516 O. G. 815.
Martin *v.* Kraft. 519 O. G. 522.
Mattison. In re. 519 O. G. 221.
Maybach. In re. 511 O. G. 4.
McBride *v.* Teeple, Jr. 518 O. G. 3.
McDevitt. In re. 519 O. G. 797.
Migrdichian In re. 513 O. G. 757.
Mills *v.* Hershman. 515 O. G. 281.
Mink. In re. 510 O. G. 544.
Minnesota Mining & Mfg. Company, a corporation *v.* Coe, Commissioner of Patents. 519 O. G. 519.
Murray et al., executors of the estate of Thomas E. Murray, deceased, *v.* Bailey. 521 O. G. 794.
Newton et al. In re. 517 O. G. 283; 520 O. G. 799.
Osgood. In re. 520 O. G. 530.
Parker. In re. 510 O. G. 543; 521 O. G. 7.
Peik *v.* Rosenberger. 521 O. G. 5.
Perrine. In re. 519 O. G. 520.
Pittenger et al. In re. 512 O. G. 525.
Power Patents Company *v.* Coe, Commissioner of Patents. 513 O. G. 251.
Raiche *v.* Foley. 521 O. G. 1097.
Raymond et al. *v.* Wickersham. 519 O. G. 3.
Reid. In re. 516 O. G. 269.
Replogle. In re. 510 O. G. 775.
Reynolds. In re. 517 O. G. 284.
Roberts. In re. 511 O. G. 3.
Sabol. In re. 518 O. G. 772.
Saler *v.* Hallock. 516 O. G. 8.
Savage. In re. 519 O. G. 1046.
Scheinman *v.* Zalkind. 521 O. G. 793.
Seabury et al. In re. 515 O. G. 3.
Slate. In re. 515 O. G. 560.
Smellie. In re. 520 O. G. 793.
Smith *v.* Bosquet. 519 O. G. 800.
Smith *v.* Dickinson and Stowell. 520 O. G. 268.
Standard Brands, Inc., *v.* National Grain Yeast Corp. 510 O. G. 3.
Stresau. In re. (A. C. Smith Corporation, assignee.) 517 O. G. 814.
Te Pas et al. *v.* Geldhof, McCabe et al. *v.* Scheele, McCabe et al. *v.* Geldhof. 521 O. G. 523.
Thompson *v.* Dicke. 517 O. G. 564.
Vollrath *v.* McCauley. 521 O. G. 1104.
Volwiler et al. In re. 520 O. G. 534.
Vreeland *v.* Miller. 521 O. G. 530.
Wadsworth and Wickenden. In re. 514 O. G. 6.
Walker *v.* Altorfer. 519 O. G. 1043.
Walter. In re. 517 O. G. 290.
Weckerly, Mark A. and Toledo Scale Mfg. Co. *v.* Coe, Commissioner of Patents. 513 O. G. 1015; 513 O. G. 1016.
Weyandt. In re. 514 O. G. 559.
Wolf et al. *v.* Coe, Commissioner of Patents. 518 O. G. 255.
Worthing et al. In re. 521 O. G. 4.
Wright *v.* Runge et al. 515 O. G. 285.
Wuertz et al. In re. 519 O. G. 7.

LIST OF PLANT PATENTEES FOR THE YEAR 1940

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Disclaimers follow in separate indexes, but precede the List of Plant Inventions

Abrams, Fremont B., Ossining, N. Y. Rose plant. 403; June 18.
Armstrong Nurseries. (See Thomas, George C., Jr., assignor.)
Barnett, Vernon M., administrator, et al. (See McIlvaine, Wrixhem M.)
Baur, Adolphe F. J., assignor to Baur-Steinkamp and Company, Incorporated, Indianapolis, Ind. Carnation. 434; Dec. 3.
Baur-Steinkamp and Company. (See Baur, Adolphe F. J., assignor.)
Bountiful Ridge Nurseries. (See McIlvaine, Wrixhem M., assignor.)
Briggs, Elizabeth A., assignor to C. E. Ogg, Encinitas, Calif. Gladiolus. 404; June 18.
Brown, Charles A., II, assignor to Hinsdale Cemetery Company, Hinsdale, Ill. Geranium. 355; Jan. 23.
Brownell, Josephine D., Little Compton, R. I. Rose plant. 419; Sept. 10.
Brownell, Josephine D., Little Compton, R. I. Rose. 420; Sept. 10.
Chase, Clarence A., Lane County, Oreg. Rose. 383; Apr. 30.
Coddington, L. B., Co. (See Coddington, Lyman B., assignor.)
Coddington, Lyman B., assignor to L. B. Coddington Co., Murray Hill, N. J. Rose plant. 405; June 25.
Coddington, Lyman B., assignor to L. B. Coddington Co., Murray Hill, N. J. Rose plant. 427; Oct. 8.
Conard-Pyle Company, The. (See De Vink, John, assignor.)
Conard-Pyle Company, The. (See Dot, Pedro, assignor.)
Conard-Pyle Company, The. (See Hatton, Robert M., assignor.)
Conard-Pyle Company, The. (See Mallerin, Charles, assignor.)
Conard-Pyle Company, The. (See Meilland, Francis, assignor.)
Cottage Gardens Company Inc. (See Kausen, Otto, assignor.)
Couteau, Alphonse, Orleans, France, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 400; May 14.
Dearborn, Julia I., Corvallis, Oreg. Violet. 397; May 14.
De Ruiter, Gerrit, Hazerswoude, Dorp., Netherlands, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 381; Apr. 30.
De Vink, John, Boskoop, Netherlands, assignor to The Conard-Pyle Company, West Grove, Pa. Rose plant. 408; July 2.
Dickson, Alexander, Jr., Newtonards, Belfast, Ireland, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 376; Apr. 16.
Downing, Clarence E., Sunfield, Mich. Lily. 436; Dec. 24.
Dot, Pedro, Barcelona, Spain, assignor to The Conard-Pyle Company, West Grove, Pa. Rose plant. 366; Mar. 5.
Dot, Pedro, Barcelona, Spain, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 378; Apr. 16.
Dot, Pedro, San Feliu de Llobregat, Spain, assignor to The Conard-Pyle Company, West Grove, Pa. Rose plant. 407; July 2.
Elliott, John S., Dover, N. H. Rose plant. 369; Mar. 12.
Elliott, John S., Dover, N. H. Rose Plant. 370; Mar. 12.
Engle, Russell, assignor to T. Knipe, Kokomo, Ind. Carnation. 372; Apr. 2.
Evans City Cut Flower Company. (See Witter, Frank H., assignor.)
Faber, Horace B., and J. A. C. Ziegler, Jr., assignors to White Rose & Nursery Seed Co., York, Pa. Cherry tree. 421; Sept. 17.
Gardner, Josephine M. T., et al., executor. (See Thomas, George C., Jr.)
Greening Nursery Company, The. (See Sunday, George P., assignor.)
Grillo, Nicholas, Milldale, Conn. Rose. 367; Mar. 5.
Grillo, Nicholas, Milldale, Conn. Rose plant. 382; Apr. 30.
Grillo, Nicholas, Milldale, Conn. Rose. 417; Aug. 13.
Guraly, Joseph T., Jr., Fairport Harbor, Ohio. Pear tree. 435; Dec. 17.
Hahn, Sylvan, Pittsburgh, Pa. Ivy plant. 429; Oct. 15.
Hahn, Sylvan, Pittsburgh, Pa. Ivy plant. 430; Oct. 15.
Hansen, Charles B., Ontario, Calif. Rose. 389; May 7.
Hatton, Robert M., Harrisburg, assignor to The Conard-Pyle Company, West Grove, Pa. Rose plant. 396; May 14.
Haygood, Roger W., Keithville, La., assignor to Texas Nursery Company, Sherman, Tex. Silver-blue juniperus. 422; Sept. 17.
Hinsdale Cemetery Company. (See Brown, Charles A., II, assignor.)
Horvath, Michael M., Mentor, Ohio. Rose. 385; May 7.
Horvath, Michael H., Mentor, Ohio. Rose. 386; May 7.
Horvath, Michael H., Mentor, Ohio. Rose. 387; May 7.
Jackson & Perkins Company. (See Couteau, Alphonse, assignor.)
Jackson & Perkins Company. (See De Ruiter, Gerrit, assignor.)
Jackson & Perkins Company. (See Dickson, Alexander, Jr., assignor.)
Jackson & Perkins Company. (See Dot, Pedro, assignor.)
Jackson & Perkins Company. (See Johnston, Walter I., assignor.)
Jackson & Perkins Company. (See Kordes, Wilhelm, assignor.)
Jackson & Perkins Company. (See Lens, Victor, assignor.)
Jackson & Perkins Company. (See Nicolas, Jean H., assignor.)
Jackson & Perkins Company. (See Pahissa, Lorenzo, assignor.)
Jackson & Perkins Company. (See Perkins, Charles H., assignor.)
Jackson & Perkins Company. (See Prior, Basil E., assignor.)
Jackson & Perkins Company. (See van Rossem, Gerard A., assignor.)
Johnston, Walter I., Portadown, Ireland, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 361; Feb. 13.
Johnston, Walter I., Portadown, Ireland, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 410; July 9.
Johnston, Walter I., Portadown, Ireland, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 411; July 9.
Kausen, Otto, assignor to Cottage Gardens Company Inc., Eureka, Calif. Rhododendron plant. 432; Nov. 19.
Kluis, John H., Boskoop, Netherlands, assignor to Joseph S. Merritt, Dundalk, Md. Hydrangea. Pl. Pt. 415; Aug. 6.
Knipe, Tom. (See Engle, Russell, assignor.)
Kordes, Wilhelm, Sparrieshoop in Holstein, Germany, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 362; Feb. 13.
Kordes, Wilhelm, Sparrieshoop in Holstein, Germany, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 363; Feb. 13.
Kordes, Wilhelm, Sparrieshoop in Holstein, Germany, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 395; May 12.
Kordes, Wilhelm, Sparrieshoop in Holstein, Germany, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 423; Sept. 17.
Lens, Victor, Wavre Notre Dame, Belgium, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 428; Oct. 15.
Macpherson, James H., Encinitas, Calif., assignor to himself and M. Macpherson, joint tenants. Avocado tree. 433; Nov. 26.
Macpherson, Mildred. (See Macpherson, James H., assignor.)
Maglio, Carmine, Nelson, British Columbia, Canada. Plum tree. 413; July 23.
Mallerin, Charles, Varces, Par Pont de Claix, France, assignor to The Conard-Pyle Company, West Grove, Pa. Rose plant. 409; July 2.
Mayhew, Clarence C., assignor to Texas Nursery Company, Sherman, Tex. Red chrysanthemum plant. 352; Jan. 9.
Mayhew, Clarence C., assignor to Texas Nursery Company, Sherman, Tex. Yellow chrysanthemum plant. 368; Mar. 5.
McIlvaine, Ralph M., administrator, et al. (See McIlvaine, Wrizheim, M.)
McIlvaine, Wrixhem M., deceased; by J. R. M. McIlvaine, Magnolia, Del., and V. M. Barnett, Chestertown, administrators, assignors to Bountiful Ridge Nurseries, Princess Anne, Md. Apple tree. 388; May 7.
Meilland, Francis, Tassin-Les-Lyon, France, assignor to The Conard-Pyle Company, West Grove, Pa. Rose plant. 426; Oct. 1.

Merritt, Joseph S. (See Kluis, John H., assignor.)
Morris, Theodore J., Van Nuys, assignor to Western Rose Co., San Fernando, Calif. Rose plant. 394; May 7.
Nakata, Daniel. (See Nakata, Itaro, and D.)
Nakata, Itaro, and D., Tracy, Calif. Chrysanthemum. 401; June 4.
Nicolas, Fannie, administratrix. (See Nicolas, Jean H.)
Nicolas, Jean H., deceased, by F. Nicolas, administratrix, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 374; Apr. 16.
Nicolas, Jean H., deceased, by F. Nicolas, administratrix, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 375; Apr. 16.
Nicolas, Jean H., deceased; F. Nicolas, administratrix, assignor to Jackson & Perkins Company, Newark N. Y. Rose plant. 414; July 23.
Ogg, Chas. E. (See Briggs, Elizabeth A., assignor.)
Okada, Minoru, San Lorenzo, Calif. Pink carnation. 398; May 12.
Okada, Minoru, San Lorenzo, Calif. Red carnation. 399; May 14.
Overlook Nurseries. (See Sawada, Kosaku, assignor.)
Pahissa, Lorenzo, San Feliu de Llobregat, Spain, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 379; Apr. 16.
Perkins, Charles H., assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 416; Aug. 13.
Prior, Basil E., Colchester, England, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 377; Apr. 16.
Rector, Lulu M., Clarksburg, W. Va., assignor to Wayside Gardens Company, Mentor, Ohio. Papaver or poppy. 365; Mar. 5.
Reuter, Max, Blue Point, N. Y. Delphinium. 371; Mar. 26.
Ringdahl, Ivar, Rome, N. Y. Rose. 353; Jan. 16.
Rosenberg-Coulter Corporation. (See Rosenberg, Joseph, assignor.)
Rosenberg, Joseph, assignor to The Rosenberg-Coulter Corporation, Hartford, Conn. Tobacco plant. 412; July 16.
Salbach, Carl, assignor to E. S. Salbach, Contra Costa County, Calif. Gladiolus. 356; Jan. 30.
Salbach, Carl, assignor to E. S. Salbach, Contra Costa County, Calif. Gladiolus. 357; Jan. 30.
Salbach, Carl, assignor to E. S. Salbach, Contra Costa County, Calif. Gladiolus. 358; Jan. 30.
Salbach, Carl, assignor to E. S. Salbach, Contra Costa County, Calif. Gladiolus. 359; Jan. 30.
Salbach, Carl, assignor to E. S. Salbach, Contra Costa County, Calif. Gladiolus. 360; Jan. 30.
Salbach, Ella S. (See Salbach, Carl, assignor.)
Samtmann, Martin, Wyndmoor, Pa. Rose. 402; June 18.
Sawada, Kosaku, assignor to Overlook Nurseries, Crichton, Ala. Camellia. 431; Nov. 19.
Silvera, Victor A., near Milpitas, Calif. Pear tree. 380; Apr. 23.
Starr, George H., Turlock, Calif. Double gypsophila. 384; Apr. 30.
Sturm, Felix L., Shinnston, W. Va. Geranium plant. 424; Sept. 17.
Styer, John F., Concordville, Pa. Chrysanthemum plant. 390; May 7.
Styer, John F., Concordville, Pa. Chrysanthemum plant. 391; May 7.
Styer, John F., Concordville, Pa. Chrysanthemum plant. 392; May 7.
Sunday, George P., Baroda, assignor to The Greening Nuresry Company, Monroe, Mich. Peach tree. 418; Aug. 27.
Texas Nursery Company. (See Haygood, Roger W., assignor.)
Texas Nursery Company. (See Mayhew, Clarence C., assignor.)
Thomas, George C., Jr., deceased, by J. M. T. Gardner and G. C. Thomas, 3rd, Beverly Hills, executors, assignors to Armstrong Nurseries, Ontario, Calif. Rose. 393; May 7.
Thomas, George C., 3rd, et al., executor. (See Thomas, George C., Jr.)
Traver, Harold E., Woodbury, Conn. Begonia. 406; June 25.
Van Rossem, Gerard A., Naarden, Netherlands, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 425; Sept. 17.
Wayside Gardens Company. (See Rector, Lulu M., assignor.)
Western Rose Co. (See Morris, Theodore J., assignor.)
Witter, Frank H., assignor to Evans City Cut Flower Company, Evans City, Pa. Rose plant. 373; Apr. 9.
Wright, Thomas H., Los Angeles, Calif. Gardenia plant. 364; Feb. 27.
Yoder Brothers. (See Yoder, Harold F., assignor.)
Yoder, Harold F., assignor to Yoder Brothers, Barberton, Ohio. Rose. 354; Jan. 16.

LIST OF PATENTEES

A. B. A. Specialties Company. (See Fridolph, Annette, assignor.)
A. B. Hg. Relay Patent. (See Weman, Klas, assignor.)
A. B. Svenska Kullagerfabriken. (See Wallgren, August G. F., assignor.)
A. B. T. Manufacturing Corp. (See Dreyer, Everett L., assignor.)
A. B. T. Manufacturing Company. (See Grunig, Bernhard C., assignor.)
A. D. S. Corp. (See Bierbach, Carl F., assignor.)
A & S Ribbon Company. (See Wilson, Edwin T., assignor.)
Aalberg, John O., Los Angeles, Calif., assignor to Radio Keith Orpheum Corporation. Motor control and signal circuit. 2,208,404; July 16.
Aandewiel, Cornelis J. (See Eerhard, J. M. and C., and Aandewiel.)
Aaron, Harry, New York, N. Y. Combined watch and watchcase. 2,224,421; Dec. 10.
Aaron, Harry, New York, N. Y., and J. Hammerstrom, Bridgeport, Conn.; said Hammerstrom assignor to said Aaron. Automatic dialing telephone attachment. 2,202,366; May 28.
Abbé Engineering Co. Inc. (See Kleinfeldt, Henry F., assignor.)
Abbe, George C., Swarthmore, assignor to Good Roads Machinery Corporation, Kennett Square, Pa. Control seat. 2,187,509; Jan. 16.
Abbey, Nelson D., Toledo, Ohio. Swaging machine. 2,209,501; July 30.
Abbink, Marinus. (See Walaity, Anthony C., assignor.)
Abbot, Charles G., Washington, D. C. Solar flash boiler. 2,205,378; June 25.
Abbott, Ambrose C., deceased; F. M. Abbott, executrix, assignor to Southland Paper Converting Company, Los Angeles, Calif. Bag holder. 2,220,632; Nov. 5.
Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Soldering iron. 2,224,583; Dec. 10.
Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Soldering iron. 2,224,584; Dec. 10.
Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Handle structure. 2,224,585; Dec. 10.
Abbott, Charles W., Larchmont, N. Y. Electrical fixture construction. 2,212,505; Aug. 27.
Abbott, Daniel. (See Abbott, Samuel L. and D.)
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Winding. 2,205,384; June 25.
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Winding. 2,205,385; June 25.
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Winding machine. 2,216,725; Oct. 8.
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Winding machine. 2,224,128; Dec. 10.
Abbott, Florence M., executrix. (See Abbott, Ambrose C.)
Abbott, Frederick C. Tulsa, Okla., and C. O. Anderson, Baxter Springs, Kans., assignors to Mahoning Mining Company, Youngstown, Ohio. Metallurgical flux and producing it. 2,220,383; Nov. 5.
Abbott, Frederick C. Tulsa, Okla., and C. O. Anderson, Baxter Springs, Kans., assignors to Mahoning Mining Company, Youngstown, Ohio. Metallurgical flux and producing it. 2,220,384; Nov. 5.
Abbott, Frederick C. Tulsa, Okla., and C. O. Anderson, Baxter Springs, Kans., assignors to Mahoning Mining Company, Youngstown, Ohio. Metallurgical flux and producing it. 2,220,385; Nov. 5.
Abbott, Geoffrey J., Carshalton, assignor to P. I. V. Chain Gears Limited, London, England. Driving band or chain. 2,225,851; Dec. 24.
Abbott, John M., Greeley, Colo. Guitar steel. 2,186,399; Jan. 9.
Abbott Laboratories. (See Leffler, Marlin T., assignor.)
Abbott Laboratories. (See Ravenscroft, E. A., and Jordan, assignors.)
Abbott Laboratories. (See Ravenscroft, E. A., and Young, assignors.)
Abbott Laboratories. (See Tabern, Donalee L., assignor.)
Abbott Laboratories. (See Tabern, D. L., Moore, Robinson, Frye, and Rundell, assignors.)
Abbott Laboratories. (See Volwiler, E. H., and Moore, assignors.)
Abbott Laboratories, Incorporated. (See Ravenscroft, Edward A., assignor.)
Abbott Machine Company. (See Abbott, Edward J., assignor.)
Abbott, Richard H. S., assignor, by mesne assignments, to de Muir Products Laboratories Inc., Boston, Mass. Apparatus for improving the operation of apparatus subject to conditions of high pressure and temperature. 2,223,504; Dec. 3.
Abbott, Robert H., T. A. Dickson, and J. W. Bucher, assignors to Colorado Iron Works Company, Denver, Colo. Multiple hearth calcining furnace. 2,225,199; Dec. 17.
Abbott, Samuel L. and D., Ashland, Mass. Card display unit. 2,224,586; Dec. 10.
Abbott, William E., and B. M. Smith, Schenectady, N. Y., assignors to General Electric Company. Magnetic thickness gauge. 2,226,275; Dec. 24.
Abegg, Walter A., assignor of one-half to B. Reinhold, Los Angeles, Calif. Rotary table bushing. 2,204,112; June 11.
Abel, Carl, et al. (See Shannon, Charles R., assignor.)
Abel, Paul, executor. (See Lilienfeld, Leon.)
Abel, Paul J. (See Yoder, C. M., and Abel.)
Abell, Lambert W., Los Angeles, Calif. Game device. 2,191,150; Feb. 20.
Abercrombie, James S. (See King, W. E., and Abercrombie.)
Abercrombie, James S., Houston, Tex. Braden head and pipe hanger. 2,194,265; Mar. 19.
Abercrombie, James S., Houston, Tex. Stuffing box. 2,199,215; Apr. 30.
Abercrombie, James S., Houston, Tex., assignor to Cameron Iron Works. Tool joint control for blowout preventers. 2,188,141; Jan. 23.
Abercrombie, James S., and H. Allen, Houston, Tex.; said Allen assignor to said Abercrombie. Manifold valve. 2,194,264; Mar. 19.
Abercrombie Pump Company. (See Allen, H., Tennant, and Works, assignors.)
Abernathy, Clyde G., Hornell, and A. E. Lundbye, Nunda, N. Y. Road paver. 2,215,455; Sept. 24.
Abernathy, G. B., et al. (See Sanders, Amis B., assignor.)
Abernethy, Vardy M. (See Hendrick, M., and Abernethy.)
Abfalder, Andrew A., et al. (See Rivers, Bernard C., assignor.)
Abkowitz, Harold E., assignor to Pressed Steel Car Company, Inc., Pittsburgh, Pa. Mine car buffer. 2,213,455; Sept. 3.
Abkowitz, Harold E., assignor to Pressed Steel Car Company, Inc., Pittsburgh, Pa. Spring buffer. 2,221,902; Nov. 19.
Abraham, Kurt, Brooklyn, N. Y., assignor to Siemens & Halske, Aktiengesellschaft, Berlin–Siemensstadt, Germany. Device for ozonizing refrigerators. 2,212,109; Aug. 20.
Abrahams, Alexander I., New York, N. Y. Microphone. 2,202,886; June 4.
Abrahams, Samuel A., San Francisco, and R. Lewon, Menlo Park, assignors to Plant Rubber & Asbestos Works, San Francisco, Calif. Magnesium carbonate composition and preparation. 2,209,753; July 30.
Abrahams, Samuel A., San Francisco, and R. Lewon, Menlo Park, assignors to Plant Rubber & Asbestos Works, San Francisco, Calif. Self-set magnesium carbonate composition and effecting setting thereof. 2,209,754; July 30.
Abrahams, Samuel A., San Francisco, R. Lewon, Menlo Park, and L. L. Collonge, Palo Alto, assignors to Plant Rubber & Asbestos Works, San Francisco, Calif. Magnesium carbonate composition and the preparation thereof. 2,209,752; July 30.
Abrahamsohn, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray transmitting tube. 2,202,614; May 28.
Abramoska, Paul A., Parma, Ohio. Driving mechanism. 2,217,037; Oct. 8.
Abramowitsch, Eugen, London England. Manufacture of adhesives, such as wood glue. 2,197,168; Apr. 16.
Abramowitz, William L., Lakewood, assignor to National Oil Products Company, Harrison, N. J. Removing wallpaper. 2,221,960; Nov. 19.
Abrams, Albert, New York, N. Y. Double ended jar or similar article. 2,204,784; June 18.
Abrams, Allen, and G. W. Forcey, Wausau, Wis., and C. A. Sheldon, Bronxville, N. Y., assignors to Marathon Paper Mills Company, Rothschild, Wis. Tamper-proof seal and making same. 2,223,017; Nov. 26.
Abrams, Charles J., Denver, Colo. Liner for ball mills. 2,193,956; Mar. 19.
Abrams, Morris, Brooklyn, N. Y. Stapling device. 2,205,709; June 25.
Abrams, Talbert, Lansing, Mich. Contour finder. 2,194,682; Mar. 26.
Abramsen, Gudrum, administratrix. (See Abramsen, Petter B.)
Abramsen, Petter B., Dormont, deceased; G. Abramsen, administratrix, assignor of one-half to F. Schaefer, Pittsburgh, Pa. Cross rolling. 2,206,759; July 2.
Abramson, John H., and E. C. Swanson, assignors to Greenlee Bros. & Co., Rockford, Ill. Cable puller. 2,221,903; Nov. 19.
Abramson, John H., and E. C. Swanson, assignors to Greenlee Bros. & Co., Rockford, Ill. Metal punch. 2,221,904; Nov. 19.
Accetta, Anthony C., Cleveland, Ohio. Artificial fish lure. 2,208,827; July 23.
Accles and Pollock Limited. (See Henderson, Leonard B., assignor.)
Acco Products, Inc. (See Kern, Emil, assignor.)

Accumulatoren-Fabrik Aktiengesellschaft. (See Langguth, Erich, assignor.)
Accurate Hardware Company. (See Mariani, Marty, assignor.)
Ace, Arch H., and L. R. Harriman, Bowling Green, Ohio. Trailer brake control. 2,189,335; Feb. 6.
Ace Carton Corporation. (See Berg, Edward C., assignor.)
Ace Glass Incorporated. (See Schilling, William F., assignor.)
Acer, Herbert A., assignor to Acer & Whedon, Inc., Medina, N. Y. Conduit section for air conduits. 2,224,208; Dec. 10.
Acer & Whedon, Inc. (See Acer, Herbert A., assignor.)
Aceves, Julius G. (See Parker, H. F., and Aceves.)
Achenbach, Emil W. and J. A., Muskegon, Mich. Pin spot. 2,205,454; June 25.
Achenbach, John A. (See Achenbach, Emil W. and J. A.)
Acheson Colloids Corporation. (See Stuart, Albert H., assignor.)
Acheson, Howard A., assignor, by mesne assignments, to Acheson Colloids Corporation, Port Huron, Mich. Lubricating bearings operating at high temperatures. 2,225,815; Dec. 24.
Acheson, Marcus A., and R. McClintock, Emporium, Pa., assignors to Hygrade Sylvania Corporation, Salem, Mass. Electron discharge tube and the like. 2,189,260; Feb. 6.
Achtel, Georg, K. Schilling, and K. Misch, Berlin, Germany, assignors to Askania-Werke A. G. Fluid pressure responsive instrument. 2,185,971; Jan. 2.
Ackal, Simeon. (See Williams, J. H., and Ackal.)
Acken, Marshall F., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Crystallizing organic explosive compounds. 2,204,059; June 11.
Ackerly, Orville B., Jr., Piedmont, assignor to Oliver United Filters Incorporated, San Francisco, Calif. Filter. 2,218,206; Oct. 15.
Ackerman-Blaesser-Fezzey, Inc. (See Ackerman, Edward L., assignor.)
Ackerman-Blaesser-Fezzey, Inc. (See Sneed, John, assignor.)
Ackerman-Blaesser-Fezzey, Inc. (See Zwierzina, Alois J., assignor.)
Ackerman, Dolletta M., Los Angeles, Calif. Gum massaging implement. 2,196,284; Apr. 9.
Ackerman, Edward L., assignor to Ackerman-Blaesser-Fezzey, Inc., Detroit, Mich. Machine for forming helical gears. 2,192,783; Mar. 5.
Ackerman, Edward L., assignor, by mesne assignments, of one-fourth to Edward L. Ackerman, one-fourth to C. E. Blaesser, one-fourth to C. T. Fezzey, and one-fourth to A. J. Zwierzina, Detroit, Mich. Combined hinge and door check. 2,218,372; Oct. 15.
Ackerman, Francis R., Euclid, Ohio. Conditioning fuel during operation of gas engines. 2,213,132; Aug. 27.
Ackerman, Frank, Bronx, and H. Gould, Brooklyn, N. Y. Engraving machine. 2,197,884; Apr. 23.
Ackerman, Frank, Bronx, and H. Gould, Brooklyn, N. Y. Pantograph engraving machine. 2,198,716; Apr. 30.
Ackerman, Harold S., Aspinwall, Pa. Valve. 2,201,513; May 21.
Ackerman, James E., Devon, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Work-guiding attachment for sewing machines. 2,210,647; Aug. 6.
Ackermann, Franz. (See Graenacher, C., Ackermann, and Gruengger.)
Ackermann, Franz. (See Graenacher, C., Gyr., Kaiser, Ackermann, and Bruengger.)
Ackermann, Franz, Binningen, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Acyl derivatives of azo dyestuffs and producing same. 2,222,733; Nov. 26.
Ackermann, Karl. (See Schelecht, L., and Ackermann.)
Ackerson, John T. (See Bartho, J., and Ackerson.)
Ackles, Virgil E., Los Angeles, Calif. Machine for frosting bakery products. 2,222,390; Nov. 19.
Ackley, George F., Detroit, Mich. Self-sealing can tapper. 2,209,313; July 30.
Ackley, Raymond E., Chicago, Ill. Feeder for stitching machines. 2,219,608; Oct. 29.
Ackley, Robert R., assignor to The Richards Chemical Works, Inc., Jersey City, N. J. Imidazoline derivatives and making the same. 2,200,815; May 14.
Ackley, Thomas, Philadelphia, Pa., assignor to Radio Corporation of America. Condenser winding machine. 2,199,603; May 7.
Acme Coppersmithing & Machine Company. (See Merlis, Ira, assignor.)
Acme Rayon Corporation. (See Huttinger, Charles A., assignor.)
Acme Staple Company. (See Cook, Lyman, B., assignor.)
Acme Steel Company. (See Childress, William C., assignor.)
Acme Steel Company. (See Ott, John E., assignor.)
Acme Steel Company. (See Wilson, Allen B., assignor.)
Acme Steel Company. (See Wright, Parvin, assignor.)
Acme Visible Records, Inc. (See Anderson, A. H., Fitch, and Straubel, assignors.)
Acme Visible Records, Inc. (See Hopkins, Harry J., assignor.)
Acme Visible Records, Inc. (See Straubel, Clarence W., assignor.)
Acordi, Nicholas A., Belleville, Ill. Coal mining tool. 2,225,852; Dec. 24.
Acorn Wire & Iron Works. (See Kitzelman, Edward H., assignor.)
Acree, John F., Denver, and E. F. Rizer and C. M. Walker, Pueblo, Colo. Water hoist. 2,190,968; Feb. 20.
Acrey, Ollie N., Dallas, Tex. Fountain washer. 2,217,092; Oct. 8.
Acrotorque Company, The. (See Orshansky, Elias, Jr., assignor.)
Actiengesellschaft Joh. Jacob Rieter & Cie. (See Hess, Heinrich O., assignor.)
Actiengesellschaft Joh. Jacob Rieter & Cie. (See Mutter, Fritz., assignor.)
Actino Laboratories, Inc. (See Loeb, C., Gilman, and Anderson, assignors.)
Activated Process Corporation. (See Kelly, John W., and D. J., assignors.)
Activin Corporation, The. (See Feibelmann, Richard, assignor.)
Acton, Len, et al. (See Davis, Milton K., assignor.)
Acton, Russel D., Chicago, Ill., assignor to International Harvester Company. Starting device for high compression engines. 2,190,345; Feb. 13.
Acushnett Process Company. (See Young, Philip E., assignor.)
Adair, Samuel E. (See Jenkins, J. E., and Adair.)
Adair, Samuel E., assignor, by mesne assignments, to Bendix Radio Corporation, Baltimore, Md. Controlling and sensory system and method. 2,188,382; Jan. 30.
Adair, Samuel E., assignor, by mesne assignments, to Bendix Radio Corporation, Baltimore, Md. Controlling and sensory system. 2,188,383; Jan. 30.
Adair, Samuel E., assignor, by mesne assignments, to Bendix Radio Corporation, Baltimore, Md. Record and making the same. 2,188,384; Jan. 30.
Adair, Samuel E., Chicago, Ill., assignor, by mesne assignments, to Bendix Radio Corporation, Baltimore, Md. Sound effect machine. 2,190,465; Feb. 13.
Adair, Samuel E., assignor, by mesne assignments, to Bendix Radio Corporation, Baltimore, Md. Landing system. 2,205,185; June 18.
Adair, Thomas D., Quincy, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Apparatus for conditioning air. 2,191,224; Feb. 20.
Adam, Frank. (See Green, Floyd S., assignor.)
Adam, Frank, Electric Company. (See Adam, Frederick B., assignor.)
Adam, Frank, Electric Company. (See Adam, F. B., and Stieglitz, assignors.)
Adam, Frederick B., St. Louis County, assignor to Frank Adam Electric Company, St. Louis, Mo. Bus duct. 2,216,870; Oct. 8.
Adam, Frederick B., St. Louis County, and H. M. Stieglitz, assignors to Frank Adam Electric Company, St. Louis, Mo. Circuit interrupting and protecting device. 2,186,813; Jan. 9.
Adam, Frederick B., St. Louis County, and H. M. Stieglitz, assignors to Frank Adam Electric Company, St. Louis, Mo. Terminal clamp. 2,220,698; Nov. 5.
Adam, Joe J., Lacoste, Tex. Brake apparatus. 2,198,522; Apr. 23.
Adamic, Anton, Canon City, Colo. Auxiliary foot accelerator. 2,187,068; Jan. 16.
Adamoli, Carlo, Milan, Italy, assignor to Perosa Corporation, Wilmington, Del. Obtaining Beryllium and Beryllium alloys. 2,193,363; Mar. 12.
Adamoli, Carlo, Milan, Italy, assignor to Perosa Corporation, Wilmington, Del. Obtaining beryllium and beryllium alloys. 2,193,364; Mar. 12.
Adamoli, Carlo, Milan, Italy, assignor to Perosa Corporation, Wilmington, Del. Production of beryllium compounds. 2,196,048; Apr. 2.
Adams, Alfred H., Burbank, Calif. Indicator. 2,198,523; Apr. 23.
Adams, Amos D., Jr., Los Angeles, Calif. Internal combustion motor. 2,191,638; Feb. 27.
Adams, Arthur H., Yonkers, N. Y.; E. R. Adams, executrix of said A. H. Adams, deceased, assignor to H. Epstein, Newark, N. J. Textile fabric manufacture. 2,186,814; Jan. 9.
Adams, Arthur H., deceased, Yonkers, N. Y.; E. R. Adams, executrix, assignor to H. Epstein, Newark, N. J. Textile fabric. 2,194,271; Mar. 19.
Adams, Arthur H., assignor to American Machine and Metals, Inc., New York, N. Y. Press operating mechanism. 2,196,165; Apr. 2.
Adams, Charles A., Davenport, Iowa. Electric switch. 2,215,311; Sept. 17.
Adams, Chester E., Highland, Ind., assignor to Standard Oil Company, Chicago, Ill. Propane refining process. 2,192,253; Mar. 5.
Adams, Clovis H. (See Saunders, H. F., and Adams.)
Adams, Donald W., and R. L. Schuhmann, Louisville, Ky., assignors, by mesne assignments, to Coffee Electrost Corporation, Chicago, Ill. Roasting coffee and apparatus therefor. 2,185,878; Jan. 2.
Adams, Donald W., and R. L. Schuhmann, Louisville, Ky., assignors, by mesne assignments, to Coffee Electrost Corporation. Coffee roaster and method of roasting coffee. 2,220,749; Nov. 5.
Adams, Earl W. (See Clark, A. J., Herz, and Adams.)
Adams, Edith R., executrix. (See Adams, Arthur H.)

Adams, Elliot Q., Cleveland Heights, Ohio, assignor to General Electric Company. Voltage regulation. 2,196,886; Apr. 9.
Adams, Elmer W. (See Brunstrum, L. C., Flint, MacLaren and Adams.)
Adams, Elmer W., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Glyceryl sulphonated oil compound for tree sprays. 2,193,216; Mar. 12.
Adams, Elmer W., and G. M. McNulty, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricant composition. 2,206,245; July 2.
Adams, Elmer W., and G. M. McNulty, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricant composition. 2,209,440; July 30.
Adams, Ernest H., Sr., Huntington Park, Calif. Lantern. 2,223,345; Dec. 3.
Adams, Folger, Joliet, Ill. Jail locking device and the like. 2,185,175; Jan. 2.
Adams, Frederic H. (See Lecher, H. Z., Adams, and Orem.)
Adams, Gale L., Los Angeles, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Use of solvent liquids in cracking heavy residual oils. 2,197,460; Apr. 16.
Adams, Gale L., and C. W. Starkey, Los Angeles, and P. Woolley, Huntington Park, Calif., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Plastic composition for lining pressure vessels. 2,209,722; July 30.
Adams, Gale L., Los Angeles, R. G. Barlow, Whittier, and A. Shapiro, Los Angeles, Calif., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for separating water from oil. 2,224,624; Dec. 10.
Adams, George A., Seabrook, N. H. Watering tray for cages. 2,206,383; July 2.
Adams, Guy, et al. (See Bragg, Dillon C., assignor.)
Adams, Harold E., assignor to Nash Engineering Company, South Norwalk, Conn. Pump. 2,195,375; Mar. 26.
Adams, Harold E., assignor to Nash Engineering Company, South Norwalk, Conn. Pump. 2,223,670; Dec. 3.
Adams, Harry D., Brookline, Mass. Toy. 2,194,537; Mar. 26.
Adams, Harry D., assignor, by mesne assignments, to Hadley-Hubbard Company, Boston, Mass. Valve seat. 2,198,238; Apr. 23.
Adams, Harry W., assignor to Eastman Kodak Company, Rochester, N. Y. Tripod leg clamp. 2,206,069; July 2.
Adams, Holcombe, C., assignor to Automatic Draft and Stove Company, Incororpated, Lynchburg, Va. Thermostatic down draft control for wood burning heaters. 2,213,235; Sept. 3.
Adams, J. D., Manufacturing Company. (See Ross, George E., assignor.)
Adams, James A., assignor to The Mine and Smelter Supply Company, Denver, Colo. Pulp density regulator. 2,204,644; June 18.
Adams, James A., Carlsbad, N. Mex., assignor to The Mine and Smelter Supply Company, Denver, Colo. Density control. 2,205,678; June 25.
Adams, James R., Vancouver, British Columbia, Canada. Automatic control for movie cameras. 2,194,158; Mar. 19.
Adams, Joe C., assignor of one-half to C. E. De Witt, Center, Tex. Mattress filling machine. 2,211,360; Aug. 13.
Adams, John H., Seattle, Wash. Marshmallow cutter. 2,214,217; Sept. 10.
Adams, John J. (See Stone, Walter I., assignor.)
Adams, John P., Calais, Maine. Mechanical figure toy. 2,226,190; Dec. 24.
Adams, Julius R. (See Davidson, P. B., and Adams.)
Adams, Julius R., assignor to Old Colony Envelope Company, Westfield, Mass. Manufacture of adhesives. 2,190,372; Feb. 13.
Adams, Leland J., Burbank, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Elevator motor system. 2,214,154; Sept. 10.
Adams, Leland J., Burbank, and F. Bracken, Los Angeles, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Regulator. 2,200,352; May 14.
Adams, Milton O., Hiawatha, Kans. Brooder. 2,219,882; Oct. 29.
Adams, Orlando P., and J. N. Evans, McKeesport, Pa., assignors to National Tube Company. Apparatus for removing fumes and solids in metal skinning equipment. 2,218,141; Oct. 15.
Adams, Rudolph J., Chicago, Ill. Automobile gear shift. 2,208,828; July 23.
Adams, Walter A., Rochester, N. Y. Power table for sewing machines and the like. 2,192,170; Mar. 5.
Adams, Walter A., Rochester, N. Y. Treadle connection for power transmitter clutches. 2,222,219; Nov. 19.
Adams, William J., Santa Cruz, Calif., assignor, by mesne assignments, to Gar Wood Industries, Inc. Wagon scraper. 2,190,969; Feb. 20.
Adams, William R., San Francisco, Calif. Dishwashing and sterilizing apparatus. 2,205,113; June 18.
Adamson, Andrew E., Warren, assignor, by mesne assignments, to The Mahoning National Bank of Youngstown, Youngstown, Ohio, as trustee. Reel. 2,214,315; Sept. 10.
Adamson, Andrew E., Warren, assignor, by mesne assignments, to The Mahoning National Bank of Youngstown, Youngstown, Ohio. Sealing tool. 2,216,579; Oct. 1.
Adamson, Andrew E., Warren, assignor, by mesne assignments, to The Mahoning National Bank of Youngstown, Youngstown, Ohio, as trustee. Strap tensioning tool. 2,222,162; Nov. 19.
Adamson, Seth, Rye, assignor to United States Rubber Company, New York, N. Y. Hat. 2,213,661; Sept. 3.
Adas, Thomas L., assignor to Chicago Railway Equipment Company, Chicago, Ill. Foundry skimmer. 2,198,649; Apr. 30.
Adatte, Albert L., Bound Brook, N. J., and J. V. Lizars, New Rochelle, N. Y. Photographically copying checks, documents, etc. 2,215,091; Sept. 17.
Add-A-Guide, Incorporated. (See Wardy, Harry A., assignor.)
Addinall, Carl R., Westfield, and R. T. Major, Plainfield, assignors to Merck & Co., Inc., Rahway, N. J. Alkyl esters of hydrohalides of methylhydrasteine and producing the same. 2,189,809; Feb. 13.
Addink, Nicolaas W. H., Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric discharge lamp device. 2,211,590; Aug. 13.
Addis, Charles N., assignor of one-half to W. Hattich, Los Angeles, Calif. Placer concentrator. 2,208,092; July 16.
Addis, Frank J. and P. P., Brooklyn, N. Y. Merchandise package and display. Re. 21,592; Oct. 8.
Addis, Frank J. and P. P., Brooklyn, N. Y. Manufacturing confection candle holders. 2,202,509; May 28.
Addis, Frank J. and P. P., Brooklyn, N. Y. Merchandise package and display. 2,218,901; Oct. 22.
Addis, Paul P. (See Addis, Frank J. and P. P.)
Addison, Earl H., Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Production of light-resistant compositions. 2,194,629; Mar. 26.
Addressograph-Multigraph Corporation. (See Curtis, Franklin E., assignor.)
Addressograph-Multigraph Corporation. (See Gollwiter, Walter T., assignor.)
Addressograph-Multigraph Corporation. (See Loeffler, Herbert L., assignor.)
Addressograph-Multigraph Corporation. (See Rubinstein, David, assignor.)
Addressograph-Multigraph Corporation. (See Wescott, William B., assignor.)
Addy, Charles W., R. H. J. Riley, and R. J. Grinnell, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile apparatus. 2,205,455; June 25.
Adel Precision Products Corporation. (See Adler, Paul W., assignor.)
Adensam, Christ. (See Herrmann, W. A., and Adensam.)
Adirondack Foundries and Steel Incorporated. (See Akitt, Norman B., assignor.)
Adjusta Company. (See Hirsh, Fred, assignor.)
Adjustable Clamp Company. (See Holman, Harry V., assignor.)
Adjustable Clamp Company. (See Krumbach, Will, assignor.)
Adkins, James G., Cheney, Kans. Valve. 2,192,670; Mar. 5.
Adlake Company, The. (See Hedin, U. C., and Larson, assignors.)
Adlake Company, The. (See Henderickson, Hugh, H., assignor.)
Adlake Company, The. (See Larson, Carl H., assignor.)
Adlake Company, The. (See Larson, C. H., Mohun, and Verhagen, assignors.)
Adlake Company, The. (See Stewart, Lemuel L., assignor.)
Adler, Charles, Jr., Baltimore, Md. Air plane. 2,212,490; Aug. 27.
Adler, Henry J., assignor of one-third to R. M. King, and one-third to J. L. James, Yakima, Wash. Fine grading machine. 2,196,513; Apr. 9.
Adler, Herman G., Detroit, Mich., assignor, by mesne assignments, to King-Seeley Corporation, Ann Arbor, Mich. Governor. 2,212,890; Aug. 27.
Adler, Lee E., Dallas, Tex. Telephone signal system. Re. 21,659; Dec. 17.
Adler, Paul W., Hollywood, Calif. Metering pump. 2,206,384; July 2.
Adler, Paul W., West Hollywood, assignor to Adel Precision Products Corporation, Burbank, Calif. Line supporting clip. 2,215,283; Sept. 17.
Adney, Adrian P. (See Barton, B. D., Adney, and Bentley.)
Adolph, Bernard H., et al. (See Davidson, Ashley A., assignor.)
Adolph, Gustav, Solln, Germany, and M. E. Bretschger, assignors to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Distillation of hydrogen peroxide. 2,210,438; Aug. 6.
Adolph, Karl, assignor to the firm J. Eberspacher, Esslingen-on-the-Neckar, Germany. Cowling combination. 2,212,094; Aug. 20.
Adolphe, Ernest C., Olney, Oreg. Logging device. 2,187,440; Jan. 16.
Adonizio, Patrick, Pittston, Pa. Removable skate and blade. 2,188,971; Feb. 6.

Adorjan, Paul, assignor to Rediffusion Limited, London, England. Distortion indicator for electrical amplifying systems. 2,213,099; Aug. 27.
Adrema Maschinenbauges, m. b. H. (See Krell, Joseph, assignor.)
Advance Aluminum Castings Corp. (See Grundstrom, Erik G., assignor.)
Advance Engineering Company. (See Nordell, Carl H., assignor.)
Advance Machine Co. (See Gebert, A. E., Richardson, and Black, assignors.)
Advance Machine Company. (See Richardson, M. H., Black, and Gebert, assignors.)
Advertising Change Tray, Inc. (See Lan, Rafael, assignor.)
Advertising Systems of America. (See Hall, Dayle D., assignor.)
Aeberhardt, Hans, Bienne, Switzerland. Watch movement. 2,186,159; Jan. 9.
Aeberhardt, Hans, Bienne, Switzerland. Calendar watch movement. 2,209,642; July 30.
Aeh, John E., Portsmouth, Ohio. Top lift for shoe heels. 2,195,352; Mar. 26.
Aeolian American Corporation. (See Dinsmore, Alton F., assignor.)
Aeration Processes, Inc. (See Smith, Allyne H., assignor.)
Aerial Explorations, Inc. (See Corlett, E. H., assignor.)
Aerial Explorations, Inc. (See Smith, Hale G., assignor.)
Aero Engineering Corporation. (See Briner, Emil A., assignor.)
Aero Supply Manufacturing Co. (See Downey, George T., assignor.)
Aero Supply Manufacturing Co. Inc. (See Downey, George T., assignor.)
Aeroflex Laboratories, Incorporated. (See Marglin, George, assignor.)
Aerofuser Company, The. (See Collicutt, Earl H., assignor.)
Aerogen Company Limited, The. (See Schürmann, Carl, assignor.)
Aerovox Corporation. (See Jacobs, David, assignor.)
Aeschbach, Walter, and A. C. Ray, assignors, by mesne assignments, to Cool-Moore Corporation, St. Louis, Mo., Shoe heeling machine. 2,193,084; Mar. 12.
Aeschlimann, John A., Riehen, near Basel, Switzerland, assignor to Hoffmann-La Roche, Inc., Nutley, N. J. Manufacture of disubstituted carbamic acid esters of phenols containing a basic substituent. 2,208,485; July 16.
Aetha Standard Engineering Company, The. (See Solger, William H., assignor.)
Aetna Ball Bearing Mfg. Co. (See Stein, Louis H., assignor.)
Aetna Iron & Steel Co. (See Moore, Clarence H. and J. G., assignors.)
Aetna Motor Products Corporation et al. (See Hasselbaum, Oscar H., assignor.)
Aetna Standard Engineering Company, The. (See Matteson, E. A., and Meredith, assignors.)
Aetna Standard Engineering Company, The. (See Moore, George E., assignor.)
Aetna Standard Engineering Company, The. (See Rodder, W., and Matteson, assignors.)
Aetna Standard Engineering Company, The. (See Smith, Howard W., assignor.)
Aetna Standard Engineering Company, The. (See Taylor, Clarence L., assignor.)
Aga-Baltic Radio Aktiebolag. (See Fransson, Frans, assignor.)
Agar, Dudley, Pittsburgh, Pa. Extended bed for drying and combustion in refuse incinerators. 2,216,287; Oct. 1.
Agedal, Arnold O. (See Snyder, Conrad, assignor.)
Agel, Frank O., Prince George County, Va., assignor to The Solvay Process Company, New York, N. Y. Cooling and drying moist nitrosyl chloride gas. 2,210,439; Aug. 6.
Agerell, William C., Chicago, Ill., and J. D. Durant, Detroit, Mich., assignors to Pines Winterfront Company, Chicago, Ill. Radiator shutter unit. 2,200,733; May 14.
Agerell, William C., and H. C. Godfrey, assignors to Pines Winterfront Company, Chicago, Ill. Radiator and radiator shutter assembly. 2,217,302; Oct. 8.
Agfa Ansco Corporation. (See Eggert, J. and Fröhlich, assignors.)
Agfa Ansco Corporation. (See Fröhlich, A., and Schneider, assignors.)
Agfa Ansco Corporation. (See Gehrke, F. W., and Tiedeken, assignors.)
Agfa Ansco Corporation. (See Goldhammer, L., and Gelius, assignors.)
Agfa Ansco Corporation. (See Heymer, Gerd, assignor.)
Agfa Ansco Corporation. (See Roehrl, Bruno C., assignor.)
Agfa Ansco Corporation. (See Schneider, Wilhelm, assignor.)
Agfa Ansco Corporation. (See Schneider, W., and Fröhlich, assignors.)
Agfa Ansco Corporation. (See Schneider, W., and Loleit, assignors.)
Agfa Ansco Corporation. (See Wilmanns, G., Kumetat, Fröhlich, Schneider, and Brodersen, assignors.)
Agfa Ansco Corporation. (See Wilmanns, G., and Schneider, assignors.)
Agfa Ansco Corporation. (See Wilmanns, G., Schneider, and Fröhlich, assignors.)
Agfa Ansco Corporation. (See Wilmanns, G., Stieglitz, and Fröhlich, assignors.)
Aggazzotti, Carlo M. (See Tramarollo, Luigi G., assignor.)
Aghnides, Elie, New York, N. Y. Fluid mixing device. 2,210,846; Aug. 6.
Agnew, Norman F., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Battery charging apparatus. 2,197,423; Apr. 16.
Agnew, Norman F. Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Signaling apparatus. 2,206,556; July 2.
Agnoli, Silvio J. (See Cilento, A. J., and Agnoli.)
Agostineto, Giacomo, assignor of one-half to T. R. Thompson, Trout Creek, Mich. Kitchen tool. 2,205,379; June 25.
Agramonte, Jules. (See De Roo, W. C., Schwarz, and Agramonte.)
Agricola, Frederick T., Gadsden, Ala. Stoker furnace or heater. 2,212,724; Aug. 27.
Agricultural and Chemical Works Public Company Limited by Shares. (See Moskovits, Nicolaus, assignor.)
Agthe, Carl A., Zurich, assignor to J. R. Geigy A. G., Basel, Switzerland. Road surfacing. 2,188,214; Jan. 23.
Agueeff, Alexander A. (See Paine, W. B., and Agueeff.)
Agulnek, Harry, assignor to S. Mishcon, doing business as Supreme Knitting Machine Co., Brooklyn, N. Y. Wrap-around apparatus for knitting machines. 2,189,275; Feb. 6.
Agulnek, Harry, assignor to S. Mishcon, doing business as Supreme Knitting Machine Co., Brooklyn, N. Y. Knitting machine. 2,203,711; June 11.
Agulnek, Harry, and L. Mishcon, assignors to S. Mishcon, doing business as Supreme Knitting Machine Co., Brooklyn, N. Y. Method and apparatus for producing striped knitted fabric. 2,189,276; Feb. 6.
Ahart, Andrew L., Orlando, Fla. Hydraulic transmission. 2,196,350; Apr. 9.
Ahern, Edward T., New Haven, Conn. Cleansing and deodorizing device for water closets. 2,199,094; Apr. 30.
Ahlberg, Henry B. (See Repass, G., and Ahlberg.)
Ahlberg, Henry B. (See Walsh, S. R., and Ahlberg.)
Ahlberg, Henry B., Attleboro, Mass., assignor to H & B American Machine Company. Spindle. 2,220,010; Oct. 29.
Ahlbrandt, John P. (See Frechtling, W. H., and Ahlbrandt.)
Ahlbrandt, John P., assignor to Borg-Warner Corporation, Chicago, Ill. Ironing device. 2,204,744; June 18.
Ahlburg Company. (See Mumma, Harold J., assignor.)
Ahles, Carl C., Albany, N. Y. Road guard. 2,204,556; June 18.
Ahles, Carl C., Albany, N. Y. Road guard. 2,204,557; June 18.
Ahles, Carl C., Albany, N. Y. Road guard. 2,204,558; June 18.
Ahles, Carl C., Albany, N. Y. Road guard. 2,204,559; June 18.
Ahlmann, Nikolai, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Cooler for agglomerated material. 2,189,120; Feb. 6.
Ahlmann, Nikolai, Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y. Apparatus for treating pulverulent materials. 2,201,552; May 21.
Ahlmann, Nikolai, Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Apparatus for separating powdered materials. 2,212,819; Aug. 27.
Ahlmann, Nikolai, Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y. Aerating cement and the like. 2,220,193; Nov. 5.
Ahlskog, Ernst, Chicago, Ill. Pneumatic polishing and abrading machine. 2,214,189; Sept. 10.
Ahnell, Karl J., Erie, Pa., assignor to General Electric Company. Locomotive boiler supporting arrangement. 2,197,627; Apr. 16.
Ahnger, Yrjö A., Crockett, Calif. Friction transmission device. 2,209,254; July 23.
Ahrens, Henry F., Richmond Hill, N. Y. Game device. 2,199,327; Apr. 30.
Ahrens, Henry T., Charlotte, Tex. Cotton treating apparatus. 2,224,625; Dec. 10.
Aibel, Herman, and M. Mass, New York, N. Y. Yarn. 2,225,290; Dec. 17.
Aibel, Samuel H. (See Shager, Samuel, assignor.)
Aikele, Karl. (See Scheller, H., Wagner, and Aikele.)
Aiken, Charles B. West, Lafayette, Ind., assignor, by mesne assignments, to Schlumberger Well Surveying Corporation, Houston, Tex. Method of and apparatus for magnetically exploring earth strata. 2,220,070; Nov. 5.
Aiken, David, Winnsboro, S. C. Container for tooth powders or the like. 2,214,218; Sept. 10.
Aiken, Edwin H., El Centro, Calif. Internal combustion engine. 2,186,400; Jan. 9.
Aiken, Thomas McG., Pittsburgh, Pa. Apparatus for testing photoflash mechanism. 2,187,409; Jan. 16.

Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Lubricated plug cock. 2,187,926; Jan. 23.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake cylinder device. 2,194,732; Mar. 26.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake and sanding control equipment. 2,198,022; Apr. 23.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake cylinder device. 2,201,571; May 21.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic slack adjuster. 2,201,572; May 21.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor control system. 2,211,875; Aug. 20.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Speed controlled brake. 2,215,343; Sept. 17.
Aillaud, Lawrence A., assignor of one-half to V. Aillaud, and one-fourth to A. Ferrari, both of San Diego, Calif. Glass cutter. 2,210,193; Aug. 6.
Aillaud, Vonda, et al. (See Aillaud, Lawrence A., assignor.)
Ainsworth, Albert A., Ossining, N. Y. Album. 2,193,545; Mar. 12.
Ainsworth, Albert A., Ossining, N. Y. Mounting for cards, photographs, and the like. 2,204,098; June 11.
Ainsworth, Albert A., Ossining, N. Y. Filing system for photographic prints and films. 2,218,305; Oct. 15.
Ainsworth Manufacturing Company. (See Potter, Albert T., assignor.)
Ainsworth, William, & Sons, Inc. (See Ionides, Stephen A., assignor.)
Air Conditioning Equipment, Inc. (See Strang, John J., assignor.)
Air Control Products, Inc. (See Leigh, Leighton, assignor.)
Aircooled Motors Corporation. (See Doman, C. T., and Savage, assignors.)
Aircraft Components Limited. (See Kempson, Bertram C., assignor.)
Aircraft Radio Corporation. (See Johanson, John E., assignor.)
Aircraft Screw Products Company. (See Caminez, Harold, assignor.)
Aircraftings Limited. (See Brown, Francis V., assignor.)
Air Devices Corporation. (See Curtiss, William R., assignor.)
Airelease Corporation, The. (See Lowe, Ernest A., assignor.)
Airfilm Corporation. (See McGuire, Clarence V., assignor.)
Airmaster Corporation. (See Hueglin, Herman C., assignor.)
Air-Maze Corporation. (See Schaaf, A. E., Walton, and Glanzer, assignors.)
Airpak Limited. (See Mims, C. N., and Pitt, assignors.)
Air Reduction Company. (See Anderson, James L., assignor.)
Air Reduction Company. (See Balcar, Frederick R., assignor.)
Air Reduction Company. (See Crowe, John J., assignor.)
Air Reduction Company. (See Deming, George M., assignor.)
Air Reduction Company. (See Gomonet, Eugene, assignor.)
Air Reduction Company. (See Heidbrink, Jay A., assignor.)
Air Reduction Company. (See Horney, Amos G., assignor.)
Air Reduction Company. (See Miller, Hoke S., assignor.)
Air Reduction Company. (See Schlitt, Joseph L., assignor.)
Air Reduction Company. (See Walker, George L., assignor.)
Air-Van Company. (See Roberts, Thomas L., assignor.)
Air-Way Electric Appliance Corporation. (See Dow, Dewey M., assignor.)
Air-Way Electric Appliance Corporation. (See Dow, D. M., Burmeister, and Heckler, assignors.)
Air-Way Electric Appliance Corporation. (See Riebel, Frederick, Jr., assignor.)
Air-Way Electric Appliance Corporation. (See Riebel, F., Jr., and Flatz, assignors.)
Aitken, Roger G., McMasterville, Quebec, and C. J. S. Warrington, Westmount, Quebec, assignors to Canadian Industries Limited, Montreal, Quebec, Canada. Warning agent for poisonous gases. 2,203,764; June 11.
Ajax Bottle Cap Corp. (See Corsi, Nicholas, assignor.)
Ajax Electric Furnace Corporation. (See Wyatt, James R., assignor.)
Ajax Electrothermic Corporation. See Blakeslee, R. N., Jr., and Remmers, assignors.)
Ajax Manufacturing Company, The. (See Gaines, Frederick W., 3rd, assignor.)
Ajax Manufacturing Company, The. (See Heman, Homer D., assignor.)
Ajax Manufacturing Company, The. (See Zwierlein, Henry A., assignor.)
Ajouelo, Davis J., assignor to A. May, Atlanta, Ga. Cord lock for Venetian blinds. 2,214,155; Sept. 10.
Akau, George H., assignor of one-fifth to G. Ronitz, Honolulu, Hawaii. Papaya peeler. 2,201,514; May 21.
Aken, James N., Rome, assignor to General Cable Corporation, New York, N. Y. Electrical cable. 2,212,360; Aug. 20.
Aker, Evender S., Long Branch, N. J. Shaft bearing. 2,203,039; June 4.
Akers, Charles B., Akron, Ohio. Sectional casing construction. 2,203,808; June 11.
Akers, Floyd C., Anderson, Ind. Damper control. 2,187,767; Jan. 23.
Akers, Lee R., and J. C. Wilkinson, Kansas City, Mo. Combination ash receiver and extinguisher. 2,224,715; Dec. 10.
Akin, Billie F., Chattanooga, Tenn. Web feeding device. 2,216,334; Oct. 1.
Akitt, Norman B., Troy, assignor to Adirondack Foundries and Steel Incorporated, Watervliet, N. Y. Car truck. 2,192,171; Mar. 5.
Akofer, Charles A. (See Sabins, Rolland C., assignor.)
Akron Standard Mold Company, The. (See Bostwick, Henry C., assignor.)
Aktiebolaget Akerlund & Rausing. (See Andersson, Nils, assignor.)
Aktiebolaget Atlas-Diesel. (See Thege, Edvin O. P., assignor.)
Aktiebolaget Bolinder-Munktell. (See Evrell, Kaleb E., assignor.)
Aktiebolaget Bolinder-Munktell. (See Wallgren, August G. F., assignor.)
Aktiebolaget C. E. Johansson. (See Domellöf, Karl R., assignor.)
Aktiebolaget Facit. (See Carlström, Bengt, assignor.)
Aktiebolaget Formator. (See Dahlström, E. R., and Rothelius, assignors.)
Aktiebolaget Formator. (See Granstedt, Karl E., assignor.)
Aktiebolaget Gerh. Arehns Mekaniska Verkstad. (See Johnson, Bror A. E., assignor.)
Aktiebolaget Gerk. Arehns Mekaniska Verkstad. (See Danielsson, Paul, assignor.)
Aktiebolaget Götaverken. (See Andersson, Nore, assignor.)
Aktiebolaget Gotaverken. (See Johansson, Johan E., assignor.)
Aktiebolaget Götaverken. (See Olsson, Johannes, assignor.)
Aktiebolaget Imo-Industri. (See Montelius, Carl O. J., assignor.)
Aktiebolaget Kamyr. (See Richter, Johan C. F. C., as signor.)
Aktiebolaget Ljungströms Ångturbin. (See Horney, Fred, assignor.)
Aktiebolaget Ljungströms Ång-turbin. (See Lysholm, Alf, assignor.)
Aktiebolaget Ljungstroms Angturbin. (See Lysholm, A., and Boestad, assignors.)
Aktiebolaget Milo. (See Lindhagen, M. T., and Lysholm, assignors.)
Aktiebolaget Milo. (See Lysholm, Alfo, assignor.)
Aktiebolaget Motorus. (See Hansson, Oscar, assignor.)
Aktiebolaget Nomy. (See Wallgren, August G. F., assignor.)
Aktiebolaget Rosenblads Patenter. (See Rosenblad, Curt F., assignor.)
Aktiebolaget Svenska Kullagerfabrieken. (See Göthberg, Karl E. A., assignor.)
Aktiebolaget Svenska Kullagerfabriken. (See Kjerrman, Bengt A., assignor.)
Aktiebolaget Svenska Kullagerfabriken. (See Palmgren, Allan O. G., assignor.)
Aktiebolaget Svenska Kullagerfabriken. (See Palmgren, Nils A., assignor.)
Aktiebolaget Svenska Kullagerfabriken. (See Thorén, Josef, H. E., assignor.)
Aktiebolaget Svenska Kullagerfabriken. (See Törnebohm, Torsten G., assignor.)
Aktiebolaget Timbro. (See Bergström, Axel, assignor.)
Aktiebolaget Vibro-Betong. (See Svenson, Hilding, assignor.)
Aktiengesellschaft Brown, Boveri & Cie. (See Darrieus, Georges, assignor.)
Aktiengesellschaft Brown, Boveri & Cie. (See Jung, Ingvar, assignor.)
Aktiengesellschaft Brown, Boveri & Cie. (See Meldahl, Axel, assignor.)
Aktiengesellschaft Brown, Boveri & Cie. (See Meyer, Adolf, assignor.)
Aktiengesellschaft Brown, Boveri & Cie. (See Noack, Walter G., assignor.)
Aktiengesellschaft Brown, Boveri & Cie. (See Noack, W. G., and Zweifel, assignors.)
Aktiengesellschaft Brown, Boveri & Cie. (See Seippel, Claude, assignor.)
Aktiengesellschaft Brown Boveri & Cie. (See Thommen, Hans, assignor.)
Aktiengesellschaft Cilander. (See Hefti, Fridolin, assignor.)
Aktiengesellschaft Dynamit Nobel. (See Doht, Richard, assignor.)
Aktiengesellschaft für Drahtlose Technische Studien. (See Keller, Curt, assignor.)
Aktiengesellschaft für Technische Studien. (See Keller, Curt, assignor.)

Alaska Freezer Co., The. (See Meyer, J. W., Jr., and Ruttiman, assignors.)
Alavidze, Dimitri. (See Gee, Victor, assignor.)
Alba Pharmaceutical Company. (See Stephenson, Kennard F., assignor.)
Albach, Albert F., Frankfort-on-the-Main-Hochst, and F. Karger, Frankfort-on-the-Main-Nied, Germany. Adjustable nozzle. 2,218,411; Oct. 15.
Albany Felt Company. (See Neville, George A., assignor.)
Albaugh, Lyman P., assignor to Meredith Publishing Company, Des Moines, Iowa. Printing cylinder pressure system. 2,185,743; Jan. 2.
Alben, Frank L., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor suspension. 2,196,406; Apr. 9.
Alben, Frank L., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Traction motor ventilating system. 2,217,428; Oct. 8.
Albers, Fritz, and H. Nitze, Leverkusen-Wiesdorf, G. Schaum, Leverkusen-I. G. Werk, and E. Weyde, Cologne-Niehl, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Photographic development of silver halide layers. 2,214,446; Sept. 10.
Albers, Fritz, E. Trabert, A. Sack, and W. Jessien, Leverkusen-Wiesdorf, W. Dieterle, Dessau-Ziebigk, and O. Riester, Dessau, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Photographic developing paper. 2,217,829; Oct. 15.
Albers, John R., assignor to Wincharger Corporation, Sioux City, Iowa. Mounting for wind charging units. 2,204,462; June 11.
Albers, John R., assignor to Wincharger Corporation, Sioux City, Iowa. Wind driven power apparatus. 2,207,964; July 16.
Albers, John R., assignor to Wincharger Corporation, Sioux City, Iowa. Starting and governing device for impellers. 2,215,456; Sept. 24.
Albers-Schönberg, Ernst, Berlin-Frohnau, assignor to Steatit-Magnesia Aktiengesellschaft, Berlin-Pankow, Germany. Molded electric insulating article. 2,226,299; Dec. 24.
Albersheim, Walter J., assignor to Electrical Research Products, Inc., New York, N. Y. Photoelectric tube. 2,198,650; Apr. 30.
Albersheim, Walter J., Great Neck, assignor to Electrical Research Products, Inc., New York, N. Y. Recording system. 2,198,798; Apr. 30.
Albert, Hans. (See Schmitt, R., and Albert.)
Albert Specialty Company. (See Moore, Francis, assignor.)
Albert, Wilhelm. (See Leitz, L., and Albert.)
Albert, Wilhelm. (See Speiser, F. X., and Albert.)
Albertson, Carl W., Chicago, Ill. Valve. 2,195,292; Mar. 26.
Albertson, Carl W., Chicago, Ill. Joint and making same. 2,214,648; Sept. 10.
Albertson & Company. (See Albertson, Frans O., assignor.)
Albertson & Company. (See Albertson, F. O., and Dowling assignors.)
Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Disk trimmer. 2,190,758; Feb. 20.
Albertson, Frans O., and H. E. Dowling, assignors to Albertson & Company, Inc., Sioux City, Iowa. Valve seat grinding machine. 2,194,062; Mar. 19.
Albertson, Jonathan Y. (See Sonneborn, J. R., and Albertson.)
Albertson, Victor N., St. Louis Park, and J. Henningsen, assignors to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Tractor. 2,218,510; Oct. 22.
Albertz, Ricardo, Santiago, Chile. Key. 2,197,673; Apr. 16.
Albietz, Otto, assignor to Robert König, Lorrach, Bade, Germany. Electric soldering device. 2,210,352; Aug. 6.
Albin, Jeremiah W., Babylon, N. Y. Double coil spring fastening device. 2,186,746; Jan. 9.
Albin, Jeremiah W., Babylon, N. Y. Latching device. 2,186,747; Jan. 9.
Albin, Jeremiah W., Babylon, N. Y. Writing device. 2,197,628; Apr. 16.
Albin, Thomas B., Mercer Island, Wash. Treatment of manganese ore. 2,191,819; Feb. 27.
Albino, Catherina G., Aberdeen, Wash. Needle holster. 2,220,633; Nov. 5.
Albion, Charles M., Newton, Mass. Composition for preservation of and combination with latices, rubber, and other proteins and decomposable organic compounds. 2,188,327; Jan. 30.
Albion, Charles M., Boston, Mass. Preservative composition and products derived therefrom. 2,188,468; Jan. 30.
Alboch, Frank, assignor to Fred Medart Manufacturing Company, St. Louis, Mo. Game goal. 2,194,779; Mar. 26.
Alborn, Frank G. (See Franks, J. B., Jr., and Alborn.)
Alborn, Frank G., Norwalk, Conn., and J. B. Franks, Jr., assignors to A. R. McCown, as trustee, Philadelphia, Pa. Motor vehicle control mechanism. 2,193,866; Mar. 19.
Alborn, Frank G., Norwalk, Conn., and J. B. Franks, Jr., assignors to A. R. McCown, Philadelphia, Pa. Motor vehicle control mechanism. 2,193,867; Mar. 19.
Alborn, Robert C., assignor to Eastman Kodak Company, Rochester, N. Y. Heat resistant painted fabric. 2,2261,50; Dec. 24.
Albrecht, Alfred P. (See Bone, A. R., and Albrecht.)
Albrecht, Alfred P., assignor to The Irwin Auger Bit Company, Wilmington, Ohio. Tool handle. 2,187,192; Jan. 16.
Albrecht, Alfred P., assignor to Irwin Auger Bit Company, Wilmington, Ohio. Expansion bit. 2,215,344; Sept. 17.
Albrecht, Carl, Kronberg in Taunus, assignor to Deutsche Gold und Silber Scheidean-stalt, vormals Roessler, Frankfort-on-the-Main, Germany. Heat treating bath. 2,201,755; May 21.
Albrecht, Christian A., Berlin, and H. Brandenburg, Berlin-Tempelhof, Germany, assignors to Mergenthaler Linotype Company, Brooklyn, N. Y. Typographical slug casting machine. 2,201,132; May 21.
Albrecht, Harold D., Pennsauken, N. J., assignor to Radio Corporation of America. Transmitter. 2,226,214; Dec. 24.
Albrecht, Hermann F., Schoeneiche, Kreis Niederbarnim, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Safety device for tension shutters. 2,221,017; Nov. 12.
Albrecht, Joseph A., Buffalo, N. Y. Machine for removing surface moisture from lump material. 2,207,278; July 9.
Albrecht, Kurt, Pittsburgh, assignor to J. M. Hopwood, Mount Lebanon, Pa. Dishwashing machine. 2,200,907; May 14.
Albrecht, Otto, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Quaternary ammonium salt. 2,202,328; May 28.
Albree, George N., Concord, Mass. Telescope sight mounting for firearms. 2,200,869; May 14.
Albright, Edward A., Berwyn, assignor to Caspers Tin Plate Company, Chicago, Ill. Conveyer structure for ovens. 2,186,566; Jan. 9.
Albright, Frank C., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Aircraft control means. 2,220,194; Nov. 5.
Albright, Raymond W., assignor to American Anode, Inc., Akron, Ohio. Making rubber articles. 2,203,072; June 4.
Albright, Robert B., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Image rejector circuit for radio receivers. 2201,938; May 21.
Albright, Robert B., Philadelphia, Pa., assignor, by mesne assignments, to Pennsylvania Patents, Inc., Carson City, Nev. Tuning control device for radio receivers and the like. 2,211,041; Aug. 13.
Albright, Sterling W., Racine, Wis. Hacksaw. 2,204,390; June 11.
Albright, William D. (See Candler, G. L., and Albright.)
Albright, William F., Pittsburgh, Pa. Valve. 2,210,559; Aug. 6.
Albro Fillers and Engineering Company Limited. (See Broadhurst, Stanley F., assignor.)
Alburger, James R., Merion Pa., assignor to Radio Corporation of America. Photograph. 2,199,902; May 7.
Alburger, James R., Merion Pa., assignor to Radio Corporation of America. Photographic development. 2,199,903; May 7.
Alburger, James R., Merion Pa., assignor to Radio Corporation of America. Photographic developer. 2,199,904; May 7.
Alcock, John F. (See Ricardo, H. R., and Alcock.)
Alcorn Combustion Company. (See Jennings, George A., assignor.)
Alcorn Combustion Company. (See Leech, Thomas B., assignor.)
Aldeen, Gedor W., assignor to American Cabinet Hardware Corp., Rockford, Ill. Catch. 2,208,486; July 16.
Alden, Carroll R., Detroit, Mich., assignor to Ex-Cell-O Corporation. Pump. 2,193,612; Mar. 12.
Alden, Carroll R., Detroit, Mich., assignor to Ex-Cell-O Corporation. Nozzle. 2,202,510; May 28.
Alden, Carroll R., assignor to Ex-Cell-O Corporation, Detroit, Mich. Nozzle. 2,214,757; Sept. 17.
Alden, Carroll R., assignor to Ex-Cell-O Corporation, Detroit, Mich. Fluid distributor. 2,223,590; Dec. 3.
Alden, Herbert W., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Steering-drive wheel assembly. 2,189,695; Feb. 6.
Alden, Milton, Brockton, Mass. Radio socket. 2,215,366; Sept. 17.
Alder, Jean, and A. Grilz, Zurich, Switzerland. Machine for the production of arc-welding electrodes. 2,213,481; Sept. 3.
Alder, Jenness A. (See Alder, William F., assignor.)
Alder, William F., Altadena, assignor to F. E. Wood, as trustee, Monrovia, Calif. Device and method to test radiation of heat from a body. 2,186,948; Jan. 16.
Alder, William F., assignor to J. A. Alder, Altadena, Calif. Cooling and mixing vessel for beverages. 2,191,434; Feb. 27.

Alder, William F., assignor to J. A. Alder, Altadena, Calif. Composition for increasing the thermal emissivity of a surface and its combination with a surface. 2,209,304; July 30.
Alderfer, Sterling W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Thread covering apparatus. 2,206,494; July 2.
Alderfer, Sterling W., Fairlawn, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Cord fabric and making the same. 2,207,279; July 9.
Alderman, Van Vernon, Arden, and M. Martin Brubaker and W. E. Hanford, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters and their preparation. 2,212,141; Aug. 20.
Alderson, Dwight A. (See Sheldon, L. M., Goff, Alderson, and Fisher.)
Alderson, Harold B. (See Tremmel, George B., assignor.)
Alderson, William T., Brookside, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Load controlling apparatus for compressors. 2,225,291; Dec. 17.
Aldham, Thomas E., Providence, R. I., assignor to Fleming Manufacturing Company. Cartridge for oil filters. 2,221,465; Nov. 12.
Aldinger, William W., Lansdowne, and W. A. Hall, Manoa, Pa., assignor to The Atlantic Refining Company, Philadelphia, Pa. Separation of components of liquid mixtures. 2,222,645; Nov. 26.
Aldous, William H., Wembley, England, assignors to The Mo Valve Company, Limited. Electron discharge device. 2,191,903; Feb. 27.
Aldox Corporation. (See Pratt, William B., assignor.)
Aldrich, Charles H., Elizabeth, N. J., assignor to The American Metal Company, Limited, New York, N. Y. Stool for molds for casting metal. 2,185.390; Jan. 2.
Aldrich, Robert B. (See McInnis, D. K., and Aldrich.)
Aldridge, Blair G. (See Gard, E. W., and Aldridge.)
Aldridge, Mort B., et al. (See Hamblin, Ed, assignor.)
Alesi, John. (See Fener, A., and Alesi.)
Alessandroni, Hugh V., assignor to National Lead Company, New York, N. Y. Preparing composite pigments. 2,212,629; Aug. 27.
Alessandroni, Hugh V., assignor to National Lead Company, New York, N. Y. Manufacture of purified pigmentary alkaline earth metal sulphates. 2,215,866; Sept. 24.
Alessio, Emilio, Alessandria, Italy. Protecting cap for the vales of pressure gas bottles. 2,216,717; Oct. 8.
Alex, Anastasius G. (See Sargent, E. H., and Alex.)
Alexander, Adolphus A., et al. (See Armstrong, N. H., and Marr.)
Alexander, Armstead M., Independence, Mo. Introducing a flavoring ingredient into a frozen comestible. 2.190,226; Feb. 13.
Alexander, Claude H. (See Garvey, E. S., and Alexander.)
Alexander, Claude H., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polyvinyl halide compositions. 2,193,613; Mar. 12.
Alexander, Claude H., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Plasticizer. 2,193,614; Mar. 12.
Alexander, Claude H., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Plasticized polyvinyl halides. 2,193,662; Mar. 12.
Alexander, Claude H., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polyvinyl halide compositions. 2,222,928; Nov. 26.
Alexander, Clive M., Tulsa, Okla., assignor, by mesne assignments, to Gyro Process Company, Detroit, Mich. Converting heavy mineral oils into lighter oils. 2,200,463; May 14.
Alexander, David A., Rochester, N. Y. Pipe stock. 2,198,693; Apr. 30.
Alexander, Donald F. (See Henney, C. F., Alexander, and Paulus.)
Alexander, Donald F., C. F. Henney, and C. L. Paulus, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. Re. 21,503; July 9.
Alexander, Earl C., Glen Ellyn, assignor to Massey Concrete Products Corporation, Chicago, Ill. Cribbing. 2,197,960; Apr. 23.
Alexander, Elias C., San Francisco, Calif. Float switch. 2,189,456; Feb. 6.
Alexander, Focsaneanu, New York, N. Y., assignor, by mesne assignments, to Argco Tube and Television Corporation. Gaseous conduction lamp. 2,203,482; June 4.
Alexander, Ford I., Whittier, assignor of one-half to H. S. Richmond, Los Angeles, Calif. Casing perforating gun. 2,192,591; Mar. 5.
Alexander, George, Pittsfield, Mass., assignor to General Electric Company. Making laminated articles. 2,218,373; Oct. 15.
Alexander, Harry, New York, N. Y. Sign making outfit and welder. 2,196,514; Apr. 9.
Alexander, Henry L., Wilmington, Del., and W. B. Foulke, Media, Pa., assignors, by mesne assignments, to Delaware Chemical Engineering and Development Company, Wilmington, Del. Apparatus for washing. 2,193,957; Mar. 19.
Alexander, Horace W., assignor to American Sterilizer Company, Erie, Pa. Removable optical system for luminaries. 2,226,300; Dec. 24.
Alexander, James N., Birmingham, Ala. Saw handle and measuring device. 2,188,027; Jan. 23.
Alexander, James R., Lansdowne, Pa., assignor to General Electric Company. Control system. 2,218,390; Oct. 15.
Alexander, Lowell M., Cincinnati, Ohio, assignor to Nutone Chimes Inc., New York, N. Y. Musical chime. Re. 21,370; Feb. 20.
Alexander, M. H., administrator. (See Senecal, Ephraim A.)
Alexander & Marr, et al. (See Armstrong, N. H., and Marr, assignors.)
Alexander, Milton, Richmond Hill, and F. Wiesler, Jamaica, N. Y., assignors to Suburban Bronze Works, Inc., Metal window with metal weather strips. 2,212,221; Aug. 20.
Alexander, Paul, Huyton, near Liverpool, and P. C. Barnes, St. Helens, assignors, to Pilkington Brothers Limited, Liverpool, England. Gland for vacuum chambers. 2,215,449; Sept. 24.
Alexander, Richard E., New York, N. Y. Fire extinguisher. 2,207,965; July 16.
Alexander, Theodore D., Atlanta, Ga. Card table tray. 2,185,907; Jan. 2.
Alexander, Thomas F. N., Stoke Bishop, Bristol, England. Braking of wheeled vehicles. 2,196,951; Apr. 9.
Alexander, William M., Johannesburg, Transvaal, Union of South Africa, assignor to Sullivan Machinery Company, Claremont, N. H. Rock drill. 2,217,535; Oct. 8.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Protective system for electric valve translating apparatus. 2,186,815; Jan. 9.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuit. 2,190.759; Feb. 20.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system. 2,193,912; Mar. 19.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric valve frequency converting system. 2,193,913; Mar. 19.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric valve frequency converting system. 2,193,914; Mar. 19.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Asynchronous electric power transmission system. 2,207,570; July 9.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric power transmission system. 2,208,183; July 16.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric power transmission system. 2,213,945; Sept. 10.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Excitation control system for synchronous machines. 2,215,312; Sept. 17.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system and control circuit therefor. 2,215,313; Sept. 17.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Protective system. 2,222,696; Nov. 26.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric power converting apparatus. 2,225,328; Dec. 17.
Alexanderwerk A. Von Der Nahmer Aktiengesellschaft. (See Scherbaum, Bernhard, assignor.)
Alexandrescu, Alexander M., Cleveland, Ohio. Heavy duty piston. 2,195,552; Apr. 2.
Alexandrescu, Alexander M., Cleveland, Ohio, Piston construction. 2,200,015; May 7.
Alfandre, Harry. (See Ineson, Clifton H., assignor.)
Alfisi, Giuseppe, Brooklyn, N. Y. Air heater for furnaces. 2,212,311; Aug. 20.
Alfol Insulation Company. (See Sibley, Leon T., assignor.)
Alford, Andrew, assignor to Mackay Radio and Telegraph Company, New York, N. Y. Reentrant network. 2,190,131; Feb. 13.
Alford, Andrew, assignor to Mackay Radio and Telegraph Company, New York, N. Y. Directional antenna array. 2,195,880; Apr. 2.
Alford, Andrew, San Mateo, Calif., assignor to Mackay Radio & Telegraph Company, New York, N. Y. Multifrequency directive antenna array. 2,207,039; July 9.
Alford, Andrew, assignor to Mackay Radio & Telegraph Company, New York, N. Y. Producing an effective short circuit. 2,223,160; Nov. 26.
Alford, Andrew, assignor to Mackay Radio and Telegraph Company, New York, N. Y. High frequency transmission network. 2,226,686; Dec. 31.
Alford, Andrew, San Mateo, Calif., assignor to Mackay Radio & Telegraph Company, New York, N. Y. Unidirectional V-type antenna system. 2,226,687; Dec. 31.
Alford, Andrew, assignor to Mackay Radio and Telegraph Company, New York, N. Y. Wave transmission system. 2,226,688; Dec. 31.
Alframine Corporation. (See Mauersberger, Ernst A., assignor.)
Alfred, Lawrence W. (See Merrill, M. S., and Alfred.)
Alfs, John B., Shickley, Nebr. Ensilage cutter. 2,188,522; Jan. 30.

Algarsson, Grettir, Montreal, Quebec, Canada. Synchronizing mechanism for aircraft engines. 2,224,177; Dec. 10.
Algin Corporation of America. (See Le Gloahec, V. C. E., and Herter, assignors.)
Alibert, Jean M., Tassin, France, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic fibers and producing same. 2,211,920; Aug. 20.
Alig, John P., assignor to Sargent-Gerke Company, Indianapolis, Ind. Preparing a casein solution. 2,200,353; May 14.
Alison, Noah L., assignor to American Blower Corporation, Detroit, Mich. Variable-speed hydraulic coupling. 2,187,069; Jan. 16.
Alison, Noah L., assignor to American Blower Corporation, Detroit, Mich. Cooling ribs-scoop controlled coupling. 2,202,243; May 28.
Aljian, Karnig, Jersey City, N. J. Garment hanger attachment. 2,187,535; Jan. 16.
Alkan, Robert, Paris, France. Automatic steering device. 2,204,290; June 11.
Alkan, Robert, Paris, France. Automatic pilot device. 2,221,748; Nov. 19.
Alkan, Robert, Paris, France. Pneumatic follow-up control. 2,226,191; Dec. 24.
All America Cables, Incoporated. (See Connery, Alder F., assignor.)
Allan, Archibald, Tynemouth, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Liquid-insulated electric circuit breaker. 2,214,518; Sept. 10.
Allan, Benjamin W., Baltimore, assignor to American Zirconium Corporation, St. Helena, Baltimore, Md. Preparation of titanium dioxide pigments. 2,188,259; Jan. 23.
Allan, Edward T., Cincinnati, Ohio. Spool and tube applicable thereto. 2,186,133; Jan. 9.
Allan, George W., and A. H. Simpson, assignors to Intertype Corporation, Brooklyn, N. Y. Typographical composing machine. 2,199,772; May 7.
Allan, John. (See Wrathall, R. T., Allan, and Wainwright.)
Allan, Robert E. (See Waeschle, A., and Allan.)
Allan, Stuart R., Somerville, N. J., assignor to Research Corporation, New York, N. Y. Flushed electrical precipitator. 2,214,649; Sept. 10.
Allard, Hugh E., Matfield Green, Kans. Scaffolding jack. 2,219,971; Oct. 29.
Allardt, Hans-Georg. (See Junkmann, K., and Allardt.)
Allardt, Julius, Altona-Blankenese, Germany. Recording apparatus. 2,201,515; May 21.
Allbright, Edwin F., Wollaston, assignor to Grid Flat Slab Corporation, Boston, Mass. Concrete construction. 2,196,158; Apr. 2.
Allbright-Nell Co. (See Ozouf, Arthur E., assignor.)
Allcock, Harold J. (See Osborne, T. L., and Allcock.)
Alldritt, Roy H., Miami, Fla. Dog racing lure apparatus. 2,197,446; Apr. 16.
Allee, Tillman C., Lyons, Ind. Fence machine. 2,225,382; Dec. 17.
Allegheny Ludlum Steel Corporation. (See Batcheller, Clements, assignor.)
Allegheny Ludlum Steel Corporation. (See De Vries, Ralph P., assignor.)
Allegheny Ludlum Steel Corporation. (See Webber, Owen T., assignor.)
Allegheny Steel Company. (See Browne, Vere B., assignor.)
Allegheny Steel Company. (See Scharschu, Charles A., assignor.)
Allemann, Hugo, Bettlach, Switzerland. Solid fuel burning furnace. 2,222,983; Nov. 26.
Allen, Albert. (See Smith, G., and Allen.)
Allen, Albert J., Brooklyn, N. Y. Timing means. 2,188,469; Jan. 30.
Allen, Albert S., Greenburgh, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Container and blank therefor. 2,185,391; Jan. 2.
Allen, Arthur S. (See Wiltse, Sumner, assignor.)
Allen-Bradley Company. (See Freeburg, Walter S., assignor.)
Allen-Bradley Company. (See Megow, G. E., and Thomson, assignors.)
Allen, C. T. (See Parker, Louis W., assignor.)
Allen, Charles H. and R. C., Pittsburgh, Pa. Depth gauge. 2,210,560; Aug. 6.
Allen, Charles H. and R. C., Pittsburgh, Pa. Outer taper gauge. 2,210,561; Aug. 6.
Allen, Charles L., Seattle, Wash., assignor of forty-nine one-hundredths to J. H. and C. Hodge, jointly. Attachment clip for clothes hangers. 2,211,998; Aug. 20.
Allen, Charles W., Memphis, Tenn. Structural unit. 2,225,612; Dec. 24.
Allen, Clyve C., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Polymerization of unsaturated aldehydes. 2,212,894; Aug. 27.
Allen, Clyve C., assignor to Shell Development Company, San Francisco, Calif. Preparation of acyl sulphides and products resulting therefrom. 2,212,895; Aug. 27.
Allen, Clyve C., San Francisco, and V. E. Haury, El Cerrito, assignors to Shell Development Company, San Francisco, Calif. Preparation of unsaturated carbonylic compounds. 2,225,542; Dec. 17.
Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,214,496; Sept. 10.
Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,216,483; Oct. 1.
Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,216,607; Oct. 1.
Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Train direction responsive apparatus. 2,225,092; Dec. 17.
Allen, Earle F., Scarsdale, assignor, by mesne assignments, to Stacom Process Corporation, Long Island City, N. Y. Mechanical dehydration apparatus. 2,196,650; Apr. 9.
Allen, Earle F., Briarcliff Manor, assignor, by mesne assignments, to Stacom Process Corporation, Long Island City, N. Y. Mechanical dehydrator and roller mill. 2,196,651; Apr. 9.
Allen, Edward N., and R. L. Hinckley, Springfield, Mass. Outlet box closure. 2,204,006; June 11.
Allen, Edward R., Summit, N. J., J. B. Bullitt, Jr., Swarthmore, and H. H. Hopkins, Springfield, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating compositions. 2,191,947; Feb. 27.
Allen, Edwin L., Cleveland Heights, assignor to Rudolph I. Schonitzer, Shaker Heights, Ohio. Door opening and door checking device. 2,219,800; Oct. 29.
Allen, Elijah, et al. (See Riggs, John L., assignor.)
Allen, Francis V. (See Dillon, W. P., Jr., and Allen.)
Allen, Frank, and G. Clausing, assignors to Vulcan Corporation, Portsmouth, Ohio. Shoe construction. 2,219,464; Oct. 29.
Allen, Frank A., Windsor, assignor to High Duty Alloys Limited, Slough, England. Protection of magnesium-rich alloys. 2,224,245; Dec. 10.
Allen, Frank B., Lower Merion Township, Montgomery County, assignor to The Allen-Sherman-Hoff Company, Philadelphia, Pa. Impeller for centrifugal pumps. 2,220,669; Nov. 5.
Allen, Frank B., Lower Merion Township, Montgomery County, assignor to The Allen-Sherman-Hoff Company, Philadelphia, Pa. Pump shoulder liner. 2,223,653; Dec. 3.
Allen, Frank E., Columbus, and H. V. Smith, Newark, Ohio, assignors, by mesne assignments, to Owens-Corning Fiberglas Corporation. Apparatus and method for nodulating fibers. 2,219,285; Oct. 29.
Allen, Frank M., Summit, N. J., assignor to Congoleum-Nairn Inc. Flexible smooth surface covering. 2,224,209; Dec. 10.
Allen & Garcia Company. (See McCollum, Herbert C., assignor.)
Allen, George, Kansas, Ill. Heater. 2,203,588; June 4.
Allen, George A., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Mold. 2,194,538; Mar. 26.
Allen, George M., Swarthmore, H. J. McDermott, Prospect Park, and J. W. Pedlow, Chester, assignors to American Viscose Corporation, Marcus Hook, Pa. Method and apparatus for liquid treatment of rayon. 2,200,197; May 7.
Allen, George W., assignor to B. F. Sturtevant Company, Boston, Mass. Tube cleaning device. 2,193,999; Mar. 19.
Allen, George W., assignor to B. F. Sturtevant Company, Boston, Mass. Vacuum cleaner. 2,202,788; May 28.
Allen, Harold D., assignor to The Gong Bell Manufacturing Company, East Hampton, Conn. Toy. 2,198,799; Apr. 30.
Allen, Henry A., et al. (See Pratt, Harry P., assignor.)
Allen, Herbert. (See Abercrombie, J. S., and Allen.)
Allen, Herbert, Houston, Tex., assignor to Cameron Iron Works. Blowout preventer. 2,194,255; Mar. 19.
Allen, Herbert, Houston, Tex., assignor to Cameron Iron Works. Multiple seal blowout preventer. 2,194,256; Mar. 19.
Allen, Herbert, Houston, Tex., assignor to Cameron Iron Works. Ram with tapered wear plates. 2,194,257; Mar. 19.
Allen, Herbert, Houston, Tex., assignor to Cameron Iron Works. Ram with laminated plates. 2,194,258; Mar. 19.
Allen, Herbert, Houston, Tex., assignor to Cameron Iron Works. High pressure multiple plate packing. 2,194,259; Mar. 19.
Allen, Herbert, Houston, Tex., assignor to Cameron Iron Works. Single screw blowout preventer. 2,194,260; Mar. 19.
Allen, Herbert, Houston, Tex., assignor to Cameron Iron Works. Gate valve, seat, and packing. 2,194,261; Mar. 19.
Allen, Herbert, Houston, Tex., assignor to Cameron Iron Works. Noncorrosive insert seat. 2,194,266; Mar. 19.
Allen, Herbert, J. A. Tennant, and M. T. Works, assignors to Abercrombie Pump Company, Houston, Tex. Valve guide. 2,192,425; Mar. 5.
Allen, Herbert, and M. T. Works, Houston, Tex., assignors to Cameron Iron Works. Split housing manifold valve. 2,194,262; Mar. 19.
Allen, Herbert, and M. T. Works, Houston, Tex., assignors to Cameron Iron Works. Vertically split housing manifold valve. 2,194,263; Mar. 19.
Allen, Herbert A., Yeadon, Pa. Sanitary dispenser. 2,221,749; Nov. 19.

Allen, Horace C., Marlton, N. J., assignor to Radio Corporation of America. High frequency amplifier. 2,185,879; Jan. 2.
Allen, Horace C., Marlton, and G. L. Grundmann, Westmont, N. J., assignors to Radio Corporation of America. High frequency amplifier. 2,199,604; May. 7.
Allen, Howard C., Vancouver, British Columbia, Canada. Liquid dispenser. 2,192,592; Mar. 5.
Allen Industries, Inc. (See Gordon, Jack C., assignor.)
Allen, James R., Los Angeles, and M. J. Chapman, Santa Monica, Calif. Bolt locking means. 2,221,961; Nov. 19.
Allen, John C., assignor to Technigraph, Inc., New York, N. Y. Aid to price estimation. 2,217,881; Oct. 15.
Allen, John W., assignor of one-half to H. E. Rivard, Ecorse, Mich. Combination tool. 2,224,892; Dec. 17.
Allen, Joseph T. L., Oakland, Calif. Periscopic rear view device. 2,193,217; Mar. 12.
Allen, Joseph W., assignor to Eclipse Aviation Corporation, East Orange, N. J. Indicating mechanism. 2,204,463; June 11.
Allen, Joseph W., assignor to Eclipse Aviation Corporation, East Orange, N. J. Synchroscope. 2,205,330; June 18.
Allen, Lawrence H., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,206,385; July 2.
Allen, Paul E., Niles Center, Ill., assignor to R. D. Krueger, New York, N. Y. Toy wagon assembly. 2,186,188; Jan. 9.
Allen, Raymond E. (See Moe, Clifford H., assignor.)
Allen, Raymond P., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Calcium silicate and preparing the same. 2,204,113; June 11.
Allen, Robert H., et al. (See Darling, Louis H., assignor.)
Allen, Rosslyn C. (See Allen, Charles H., and R. C.)
Allen, Roy H., Seattle, Wash. Water heating unit. 2,197,603; Apr. 16.
Allen, Roy O., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Oiling device. 2,185,240; Jan. 2.
Allen, Russell E. (See Ware, W. C., and Allen.)
Allen, Russell G. (See Benoit, J. P., Kinker, Allen, Rohrich, and Schreiber.)
Allen, Scott E., Glen Ridge, assignor to C-O-Two Fire Equipment Company, Newark, N. J. Antirecoil device. 2,218,189; Oct. 15.
Allen, Scott E., Glen Ridge, assignor to C-O-Two Fire Equipment Company, Newark, N. J. Fire extinguisher. 2,206,541; July 2.
Allen-Sherman-Hoff Company, The. (See Allen, Frank B., assignor.)
Allen, Stratford B., Arlington, assignor, by mesne assignments, to Mu-Switch Corporation, Canton, Mass. Switch. 2,202,681; May 28.
Allen, Stratford B., Arlington, assignor to Tobe Deutschmann Corporation, Canton, Mass. Mechanically treating metal foils. 2,207,995; July 16.
Allen, Victor O., Madison, N. J., assignor to Radio Corporation of America. Cathode for electron discharge devices. 2,204,391; June 11.
Allen, Victor O., Madison, N. J., assignor to Radio Corporation of America. Cathode for electron discharge devices. 2,208,920; July 23.
Allen, Wallace T. (See Jackson, J. G., and Allen.)
Allen, Walter J., Salina, Kans. Counterbalance. 2,199,035; Apr. 30.
Allen, Walter R. (See Hamilton, William F., assignor.)
Allen, Wilbur C. (See Harvey, L. M., and Allen.)
Allen, William W., assignor to American Coolair Corporation, Jacksonville, Fla. Fan mounting. 2,191,418; Feb. 20.
Allenbaugh, Ralph, assignor to The Tappan Stove Company, Mansfield, Ohio. Fuel burner and control therefor. 2,208,956; July 23.
Allenby, William F., Bridgeport, Conn., assignor to General Electric Company. Cooking apparatus. 2,213,728; Sept. 3.
Aller, Claës B., Copenhagen, Denmark. Planographic printing plate. 2,214,950; Sept. 17.
Aller, Willis F., assignor to The Sheffield Gage Corporation, Dayton, Ohio. Measuring instrument. 2,216,795; Oct. 8.
Aller, Willis F., assignor to The Sheffield Gage Corporation, Dayton, Ohio. Measuring instrument. 2,216,796; Oct. 8.
Aller, Willis F., and H. L. Rausch, assignors to The Sheffield Gage Corporation, Dayton, Ohio. Machine tool. 2,187,961; Jan. 23.
Allerding, Alfred, Berlin-Friedrichshagen, and W. Dallenbach, Berlin-Charlottenburg, assignors to Julius Pintsch Kommanditgesellschaft, Berlin, Germany. Electromagnetic oscillation apparatus. 2,226,653; Dec. 31.
Alles, Gordon A., Los Angeles, Calif. Medicinal agent. 2,185,824; Jan. 2.
Alles, Richard, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of water-soluble condensation products. 2,191,737; Feb. 27.
Alley, Thomas R., assignor of fifty-five per cent to T. Gordon, Houston, Tex. Tiltable ring packer. 2,217,038; Oct. 8.
Allgemeine Elektricitats Gesellschaft. (See Andreatta, Alfons, assignors.)
Allgemeine Elektricitats Gesellschaft. (See Bertold, Fritz, assignor.)
Allgemeine Elektricitats Gesellschaft. (See Boersch, Hans, assignor.)
Allgemeine Elektricitats Gesellschaft. (See Brüche, Ernst, assignor.)
Allgemeine Elektricitats Gesellschaft. (See Brüche, E., and Steudel, assignors.)
Allgemeine Elektricitats Gesellschaft. (See Mattiat, Oskar, assignor.)
Allgemeine Elektricitats Gesellschaft. (See Orthuber, R., and Steudel, assignors.)
Allegemeine Elektricitatz Gesellschaft. (See Orthuber, R., Steudel and Mahl, assignors.)
Allgemeine Elektricitats-Gesellschaft. (See Pieplow, Hanswerner, assignor.)
Allgemeine Elektricitats-Gesellschaft. (See Schenk, Dankwart, assignor.)
Allgemeine Elektricitats Gesellschaft. (See Steudel, Eberhard, assignor.)
Allgemeine Elektricitats Gesellschaft. (See Steudel, E., and Johannesson, assignors.)
Allgemeine Elektricitäts-Gesellschaft. (See Steudel, E., and Orthuber, assignors.)
Allgemeine Elektricitats-Gesellschaft. (See Tischner, Horst, assignor.)
Allgoewer, Albert. (See Gorbatenko, D. L., and Allgoewer.)
Allgoewer, Albert J. (See Gorbatenko, D. L., and Allgoewer.)
Allgrunn, Carl G., Middleport, assignor to "Friend" Manufacturing Company, Gasport, N. Y. Dusting apparatus. 2,204,099; June 11.
Alliance Investment Corporation. (See Pulver, Frank F., assignor.)
Alliance Machine Company, The. (See Harry, Robert J., assignor.)
Alliance Machine Company, The. (See Yanney, George W., assignor.)
Allied Ironfounders Limited. (See Scott, Charles L., assignor.)
Allied Laboratories, Inc. (See Fisk, Frank B., assignor.)
Allied Manufacturers, Inc. (See Koppin, E. P., and Staub, assignors.)
Allied Products Corporation. (See Richard, Clement C., assignor.)
Allied Steel & Conveyors, Inc. (See Hyatt, Floyd A., assignor.)
Allin, George S., Seattle, Wash. Scraper carrier. 2,214,240; Sept. 10.
Allin, George S., Seattle, Wash., assignor, by mesne assignments, to Gar Wood Industries, Inc., Detroit, Mich. Bulldozer. Re. 21,447; May 7.
Allis-Chalmers Manufacturing Company. (See Augustine, J. R., and Gorman, assignors.)
Allis-Chalmers Manufacturing Company. (See Dahlstrand, Hans P., assignor.)
Allis-Chalmers Manufacturing Company. (See Dortort, Isadore K., assignor.)
Allis-Chalmers Manufacturing Company. (See Forrest, Frank R., assignor.)
Allis-Chalmers Manufacturing Company. (See Hagemann, John R., assignor.)
Allis-Chalmers Manufacturing Company. (See Heinrich, C. W., and Otto, assignors.)
Allis-Chalmers Manufacturing Company. (See Kaegi, Emil M., assignor.)
Allis-Chalmers Manufacturing Company. (See Knight, Earle R., assignor.)
Allis-Chalmers Manufacturing Company. (See Konow, Otto L., assignor.)
Allis-Chalmers Manufacturing Company. (See Marsh, A. M., and Shaw, assignors.)
Allis-Chalmers Manufacturing Company. (See Maxson, Walter L., assignor.)
Allis-Chalmers Manufacturing Company. (See McArn, Donald G., assignor.)
Allis-Chalmers Manufacturing Company. (See Meyer, Walter A., assignor.)
Allis-Chalmers Manufacturing Company. (See Miller, Rudolph A., assignor.)
Allis-Chalmers Manufacturing Company. (See Newhouse, Ray C., assignor.)
Allis-Chalmers Manufacturing Company. (See Ring, J. J., and Nichols, assignors.)
Allis-Chalmers Manufacturing Company. (See Ring, J. J., Rheingans, and Nichols, assignors.)
Allis-Chalmers Manufacturing Company. (See Roubal, Alexander J., assignor.)
Allis-Chalmers Manufacturing Company. (See Schultz, Edward H., Jr., assignor.)
Allis-Chalmers Manufacturing Company. (See Strasser, C., and Tanke, assignors.)
Allis-Chalmers Manufacturing Company. (See Winograd, Harold, assignor.)
Allis, Louis, Company, The. (See Fechheimer, Carl J., assignor.)
Allis, Louis, Company, The. (See Smith, Harold L., assignor.)
Allison, Bartle F., Henderson, and J. F. Justiss, Arp, Tex. Valve mechanism. 2,206,215; July 2.
Allison, Douglas, assignor of one-half to V. Lowrie, Fort Worth, Tex. Automatic fish catcher. 2,204,560; June 18.

Allison, Douglas, Fort Worth, Tex., assignor to K. K. Elliott, Los Angeles, Calif. Fishing float. 2,221,437; Nov. 12.
Allison, Douglas, assignor of one-half to V. Lowrie, Fort Worth, Tex. Casting float. 2,226,331; Dec. 24.
Allison, George N. (See Rose, Carl, assignor.)
Allison, Harry S. (See Garrison, G. M., Huhn, and Allison.)
Allison, Kenneth C., Arlington Heights, assignor to Oak Manufacturing Company, Chicago, Ill. Electric switch. 2,196,433; Apr. 9.
Allison, Kenneth C., Arlington Heights, and E. J. Mastney, Berwyn, assignors to Oak Manufacturing Company, Chicago, Ill. Electric switch. 2,186,949; Jan. 16.
Allison, Kenneth C., Arlington Heights, and E. J. Mastney, Berwyn, assignors to Oak Manufacturing Company, Chicago, Ill. Electric switch. 2,186,950; Jan. 16.
Allison, Kenneth C., Arlington Heights, and E. J. Mastney, Berwyn, assignors to Oak Manufacturing Company, Chicago, Ill. Electric switch. 2,206,655; July 2.
Allison, Leslie R. (See Nicholson, F. H., and Allison.)
Allison, Percy R. (See Cobham, A. J., Allison, and Tripp.)
Allison, Percy R. (See Cobham, A. J., Johnson, and Allison.)
Allison, Thomas E., assignor to Continental Coffee Company, Inc., Chicago, Ill. Bag packing device. 2,220,139; Nov. 5.
Allison, William L., Phoenix, Ariz. Lamp standard. Des. Re. 21,452; May 21.
Allison, William M. (See Johnson, C., and Allison.)
Allison, William M., New York, N. Y., assignor to Oakite Products, Inc. Utilization of metallo-organic compounds for treatment of circulating waters and surfaces coming into contact with water. 2,221,339; Nov. 12.
Allmänna Svenska Elektriska Aktiebolaget. (See Lamm, Uno, assignor.)
Allmanna Svenska Elektriska Aktiebolaget. (See Eklund, Torsten, assignor.)
Allmanna Svenska Elektriska Aktiebolaget. (See Lamm, U., and Karsberg, assignors.)
Allmanna Svenska Elektriska Aktiebolaget. (See Tiselius, K. G., and Haglöf, assignors.)
Al-lon Manufacturing Company. (See London, Alvin D., assignor.)
Alloy Casting Research Institute, Inc. (See Harder, O. E., and Gow, assignors.)
Alloy Steel & Metals Company. (See Francis, Paul R., assignor.)
Alloy Steel and Metals Company. (See Weisgerber, Charles F., assignor.)
Allquist, John W., and O. Oppenlaender, Rome, Ga., assignors to Tubize Chatillon Corporation, New York, N. Y. Continuous filament formation. 2,198,448; Apr. 23.
Allred, Anderson W., Rush City, Minn. Coloring wheat products. 2,215,168; Sept. 17.
All-Steel-Equip Company. (See Hallberg, John E., assignor.)
All-Steel-Equip Co. (See Madden, James J., assignor.)
Allston, Hugh C., assignor of one-eighth to J. W. Jennings, Charleston, S. C. Siphon pump. 2,198,401; Apr. 23.
Allström, Karl-Gustav, Uster, Switzerland. Device for regulating the speed of electric motors. 2,196,434; Apr. 9.
Allwood, William, Springfield, Mass. Washing apparatus. 2,208,151; July 16.
Allyn, Robert S. (See Harvey, James W., assignor.)
Allyne, Edmund E., assignor to Allyne Laboratories, Inc., Cleveland, Ohio. Refrigeration brine tank and freezing means. 2,208,285; July 16.
Allyne Laboratories, Inc. (See Allyne, Edmond E., assignor.)
Allyne Laboratories, Inc. (See Johnson, Roy W., assignor.)
Alma Manufacturing Company. (See Kerngood, Allen H., assignor.)
Alma Motor Company. (See Buchner, Cecil, assignor.)
Almdale, Einar, Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Automobile frame. 2,194,349; Mar. 19.
Almdale, Einar, Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Automobile frame. 2,222,929; Nov. 26.
Almen, John O., Ferndale, assignor to General Motors Corporation, Detroit, Mich. Push button radio control. 2,205,968; June 25.
Almendinger, Paul S., Prospect, Ohio. Apparatus for dressing animal hides. 2,197,287; Apr. 16.
Almér, Olof. (See Nilsson, Per A., assignor.)
Almetal Universal Joint Company, The. (See Morton, Charles K., assignor.)
Almond, John R., Cleveland, and G. W. Upp, Lakewood, assignors to The Midland Steel Products Company, Cleveland, Ohio. Power operated brake. 2,219,062; Oct. 22.
Almond, Laurence H., Nashville, Tenn. Oxidation of crude phosphorus. 2,221,770; Nov. 19.
Almy, Richard, assignor to Armstrong Cork Company, Lancaster, Pa. Making shoe stiffeners. 2,187,005; Jan. 16.
Almy, Richard, assignor to Armstrong Cork Company, Lancaster, Pa. Shoe stiffener. 2,216,580; Oct. 1.
Almy, Richard, assignor to Armstrong Cork Company, Lancaster, Pa. Shoe stiffener and making the same. 2,216,581; Oct. 1.
AlnCin, Inc. (See Beck, E. W., and Walker, assignors.)
Aloe, A. S., Co. (See Mahler, Alfred C., assignor.)
Aloi, Millio F., Maywood, Calif. Well casing perforator. 2,202,887; June 4.
Alonge, Vera, New York, N. Y. Watch bracelet. 2,189,096; Feb. 6.
Alons, Luitje, Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electrodynamic loudspeaker. 2,221,068; Nov. 12.
Alonso, Irene W., et al., executors. (See Windecker, Clifton N. and R. E.)
Alopaeus, Runar, Helsingfors, Finland. Operating table. 2,186,660; Jan. 9.
Alpaugh, Albert. (See Gallot, C., and Alpaugh.)
Alpha Engineering Company, The. (See Cerny, Joseph A., assignor.)
Alquist, Francis N. (See Slagh, H. R., and Alquist.)
Alquist, Francis N., and H. R. Slagh, assignors to The Dow Chemical Company, Midland, Mich. Primary xenoxy-alkyl amines. 2,187,723; Jan. 23.
Alquist, Francis N., and H. R. Slagh, assignors to The Dow Chemical Company, Midland, Mich. Secondary xenoxy-alkyl amines. 2,217,660; Oct. 15.
Alquist, Francis N., and H. R. Slagh, assignors to The Dow Chemical Company, Midland, Mich. Ethers of chlorophenols. 2,221,771; Nov. 19.
Alsbrook, Bishop N., Jr., El Campo, Tex. Pickup arm construction for phonographs. 2,224,332; Dec. 10.
Alsop, William G. (See Ashburn, H. V., and Alsop.)
Alspaugh, James S., Portsmouth, Ohio. Power transmission mechanism. 2,218,838; Oct. 22.
Alt, Cornelius A., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating glass fabric. 2,215,061; Sept. 17.
Alt, Wolfgang. (See Krzikalla, H., and Alt.)
Alt, Wolfgang. (See Morschel, H., Nüssler, Krzikalla, and Alt.)
Altamura, Mario S. (See Badertscher, D. E., and Altamura.)
Altemus, James D., Roslyn, N. Y. Stabilizing mechanism for vehicles. 2,216,930; Oct. 8.
Altendorf, George A., assignor to Giant Grip Manufacturing Company, Oshkosh, Wis. Pitching shoe. 2,219,972; Oct. 29.
Altendorf, Joseph M. (See Bolens, H. W., and Altendorf.)
Altenkirch, Edmund, Neuenhagen, near Berlin, Germany. Drying method and apparatus. 2,185,760; Jan. 2.
Alter, Charles N., Alliance, Ohio. Adjustable camera holder for automobiles. 2,219,169; Oct. 22.
Alterthum, Hans, and M. Pirani, Berlin-Wilmersdorf, Germany, assignors to General Electric Company. Gaseous electric discharge lamp devices. 2,199,866; May 7.
Altgelt, Hans. (See Schneider, F., Altgelt, and Neugenbauer.)
Altgelt, Rudolph J., and C. H. Gemberling, South Bend, Ind., assignors to Oliver Farm Equipment Company. Harrow. 2,185,880; Jan. 2.
Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 2,211,999; Aug. 20.
Althoff, Lawrence A., Chicago, Ill. Cover mechanism. 2,200,016; May 7.
Altick, Charles D. (See Eichelberger, G. R., Altick, and Wade.)
Altick, Charles D., et al. (See Gruendler, William P., assignor.)
Altmayer, Frank. (See Raney, R. M., and Aktmayer.)
Alton, William H., assignor to R. T. Vanderbilt Company, Incorporated, New York, N. Y. Filtering. 2,202,806; May 28.
Alton, William H., assignor to R. T. Vanderbilt Company, Incorporated, New York, N. Y. Filtering. 2,205,331; June 18.
Alton, William H., Westport, Conn., assignor to R. T. Vanderbilt Company, Incorporated, New York, N. Y. Coated fibrous sheet materials. 2,213,643; Sept. 3.
Altorfer Brothers Company. (See Castricone, John A., assignor.)
Altorfer, Henri, Zurich, Switzerland, assignor of three-tenths to P. Sidler, New York, N. Y. Ski. 2,198,361; Apr. 23.
Altorfer, Henri, Zurich, Switzerland, assignor of one-half to P. Sidler, New York, N. Y. Ski bag. 2,224,568; Dec. 10.
Altorfer, Henry W., Peoria, Ill. Ironer cabinet (horizontal pivot). 2,195,393; Apr. 2.
Altorfer, Henry W., Peoria, Ill. Folding drainboard. 2,208,109; July 16.
Altvater, Adolf H., University City, Mo., assignor to M. L. Dodge, Newburyport, Mass. Apparatus for and method of re-forming the uppers of shoes. 2,211,042; Aug. 13.
Altvater, Arthur W., University City, Mo. Die holder. 2,202,809; June 4.
Altwegg, Hans, Paris, France, and A. Eichler, Freiburg in Breisgau, Germany, assignors to E. I. du Pont de Nemours & Company. Obtaining crepe effects on fabrics. 2,202,041; May 28.

Altwicker, Hubert, Bitterfeld, and W. Rosenkranz, Sandersdorf, near Bitterfeld, Germany, assignors, by mesne assignments, to Magnesium Development Corporation. Magnesium base alloy. 2,221,319; Nov. 12.
Aluminium Industrie Aktien-Gesellschaft. (See Irmann, Roland, assignor.)
Aluminium-Industrie-Aktien-Gesellschaft. (See Zurbrügg, Emil, assignor.)
Aluminium Plant & Vessel Company Limited, The. (See Goodman, Hugh F., assignor.)
Aluminium Plant & Vessel Company Limited, The. (See Seligman, Richard, assignor.)
Aluminium Plant and Vessel Company Limited, The. (See Seligman, R., and Goodman, assignors.)
Aluminum Aircell Insulation Company. (See Karcher, Harry C., assignor.)
Aluminum Company of America. (See Andrews, R. W., Jr., and Iverson, assignors.)
Aluminum Company of America. (See Arthur, Furman C., assignor.)
Aluminum Company of America. (See Braglio, Charles, assignor.)
Aluminum Company of America. (See Brooks, Moses E., assignor.)
Aluminum Company of America. (See Brooks, M. E., and Deily, assignors.)
Aluminum Company of America. (See Burgess, William S., assignor.)
Aluminum Company of America. (See Coffin, Philip T., assignor.)
Aluminum Company of America. (See Dunn, John H., assignor.)
Aluminum Company of America. (See Edwards, Junius D., assignor.)
Aluminum Company of America. (See Freeman, Malcolm H., assignor.)
Aluminum Company of America. (See Hogg, Emerson E., assignor.)
Aluminum Company of America. (See Jones, John B., assignor.)
Aluminum Company of America. (See Morrow, John E., assignor.)
Aluminum Company of America. (See Morrow, J. E., and Wall, assignors.)
Aluminum Company of America. (See Nock, Joseph A., Jr., assignor.)
Aluminum Company of America. (See Salisbury, Harry J., assignor.)
Aluminum Company of America. (See Smith, James N., assignor.)
Aluminum Company of America. (See Stroup, Philip T., assignor.)
Aluminum Company of America. (See Templin, Richard L., assignor.)
Aluminum Company of America. (See Thomas, John W., assignor.)
Aluminum Company of America. (See Weir, James, assignor.)
Aluminum Cooking Utensil Company, The. (See Horak, Gustave J., assignor.)
Aluminum Goods Manufacturing Co. (See Fay, Ray H., assignor.)
Aluminum Plant & Vessel Company Limited, The. (See Seligman, Richard, assignor.)
Aluminum Plant & Vessel Company Limited, The. (See Seligman, R., and Goodman, assignors.)
Alvarado, Alfonso M., and H. S. Holt, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of epoxy compounds. 2,187,006; Jan. 16.
Alverson, Albert E., assignor to Greenlee Bros. & Co., Rockford, Ill. Handle. 2,224,283; Dec. 10.
Alves, Alexander L. (See Neill, J. R., and Alves.)
Alvistur, Oscar, San Francisco, Calif. Airplane. 2,187,295; Jan. 16.
Alvord, Charles C. (See Flygare, C. G., and Alvord.)
Alvord, Charles C., assignor to Norton Company, Worcester, Mass. Grinding wheel truing apparatus. 2,190,132; Feb. 13.
Alward, Guy L., Lynwood, and C. T. Lear, Los Angeles, Calif., assignors to The B. F. Goodrich Company, New York, N. Y. Apparatus for perforating material. 2,208,693; July 23.
Alyn, Frederick J., San Diego, Calif. Finger board for stringed musical instruments. 2,225,613; Dec. 24.
Amaldi, Edoardo. (See Fermi, E., Amaldi, Pontecorvo, Rasetti, and Segre.)
Amalgamated Engineering and Research Corporation. (See Becker, Henry E., assignor.)
Amalgamated Minerals Corporation. (See Butler, Clarence H., assignor.)
Amann, Paul E. M. (See Deshon, G. W., and Amann.)
Amaru, Fortunata. (See Amaru, Liborio, assignor.)
Amaru, Liborio, assignor of one-half to F. Amaru, Medford, Mass. Device for preventing the refilling of bottles and the like. 2,200,761; May 14.
Amberg, Walter E., assignor, by mesne assignments, to Dixie-Vortex Company, Chicago, Ill. Apparatus for and method of making containers. 2,203,513; June 4.
Amberg, Walter E., assignor to Universal Paper Products Company, Chicago, Ill. Making paper cups. 2,224,129; Dec. 10.
Ambrette, Conrad, assignor to Consolidated Macaroni Machine Corporation, Brooklyn, N. Y. Noodle cutting machine. 2,220,438; Nov. 5.
Ambrose, Merrill W., assignor of one-half to S. Coty, Boston, Mass. Device for sharpening phonograph needles. 2,206,932; July 9.
Amco, Incorporated. (See Morton, W. A., and Spencer, assignors.)
Amco, Incorporated. (See Spencer, Howard F., assignor.)
Amdur, Leon H., Brooklyn, N. Y. Advertising novelty. 2,185,392; Jan. 2.
Amen, Nicholas C., Glendale, Calif. Ash tray and cigarette extinguisher. 2,207,040; July 9.
Amend, Fred W., Co. (See Oswalt, Robert J., assignor.)
Ament, Harry A., Liberty, Mo. Electric razor apparatus. 2,197,910; Apr. 23.
America National Trust and Savings Association, Bank of. (See Bassler, Carlos J., assignor.)
American Advertising & Research Corporation. (See Gold, Sam, assignor.)
American Air Filter Company. (See Hughes, Thomas R., assignor.)
American Air Filter Company. (See Nutting, Arthur, assignor.)
American Air Filter Company. (See Pound, H. W., and Rush, assignors.)
American Air Filter Company. (See Sylvan, Stig G: Son, assignor.)
American Allsafe Company. (See Sterne, Willard F., assignor.)
American Aluminum Ware Co. (See Brucker, Henry, assignor.)
American Anode, Inc. (See Albright, Raymond W., assignor.)
American Anode Inc. (See Beal, Carl L., assignor.)
American Anode Inc. (See Hansen, Merrill E., assignor.)
American Anode Inc. (See Szegvari, A., and Feikert, assignors.)
American Anodes Inc. (See Winder, George L., assignor.)
American Armanent Corporation. (See Joyce, Bryan P., assignor.)
American Associated Companies. (See Cogburn, Eugene, assignor.)
American Auto-Felt Corporation. (See Hoagland, William W., assignor.)
American Automatic Devices Co. (See Hammerbach, R., assignor.)
American Automatic Devices Co. (See Kovac, Rudolph, assignor.)
American Bank Note Company. (See Wittnebel, Arthur A., assignor.)
American Bemberg Corporation. (See Hartmann, August, assignor.)
American Bemberg Corporation. (See Schuermann, M. O., and Gertsner, assignors.)
American Bitumuls Company. (See Montgomerie, J. A., and Archibald, assignors.)
American Blower Corporation. (See Alison, Noah L., assignor.)
American Blower Corporation. (See Anderson, Edward L., assignor.)
American Blower Corporation. (See Kice, Murray S., Jr., assignor.)
American Blower Corporation. (See Pfeffer, H. W., and Danz, assignors.)
American Bosch Corporation. (See Hochstetter, Paul E., assignor.)
American Bosch Corporation. (See Long, Herbert J., assignor.)
American Box Board Company. (See Mairson, Robert A. and I. W.)
American Brake Company, The. (See Crossman, Theodore C., assignor.)
American Brake Company, The. (See McGowan, Thomas R., assignor.)
American Brake Company, The. (See Mueller, Emil G., assignor.)
American Brake Shoe and Foundry Company, The. (See Annich, Milton E., assignor.)
American Brake Shoe and Foundry Company, The. (See Cook, E., Huber, and Hewitt, assignors.)
American Brake Shoe and Foundry Company, The. (See Fraula, William S., assignor.)
American Brake Shoe and Foundry Company, The. (See Heidenthal, Warren C., assignor.)
American Brake Shoe and Foundry Company, The. (See Spokes, Ray E., assignor.)
American Brake Shoe and Foundry Company, The. (See Wilson, Rosser L., assignor.)
American Brake Shoe & Foundry Co., The. (See Young, Donald H., assignor.)
American Brass Company, The. (See Freeman, J. R., Jr., and Tracy, assignors.)
American Brass Company, The. (See Silliman, Horace F., assignor.)
American Brass Company, The. (See Smith, C. S., and Hook, assignors.)
American Brass Company, The. (See Swift, Clinton E., assignor.)
American Brass Company, The. (See Voegeli, Henry E., assignor.)
American Broach and Machine Company. (See Lapointe, Elmer J., assignor.)
American Broach and Machine Company. (See Lapointe, Francis J. and E. J., assignors.)
American Button Sewing Machine Co. (See Lyons, Robert L., assignor.)

American Cabinet Hardware Corp. (See Aldeen, Gedor W., assignor.)
American Can Company. (See Ball, Charles O., assignor.)
American Can Company. (See Bensel, Duryea, assignor.)
American Can Company. (See Blair, James S., assignor.)
American Can Company. (See Brennan, Thomas F., assignor.)
American Can Company. (See Cox, Herbert F., Jr., assignor.)
American Can Company. (See Dalton, Elof E., assignor.)
American Can Company. (See Eberhart, Felix, assignor.)
American Can Company. (See Erb, George C., assignor.)
American Can Company. (See Foss, Fred G., assignor.)
American Can Company. (See Hill, Howard M., assignor.)
American Can Company. (See Holloway, William M., assignor.)
American Can Company. (See Hothersall, John M., assignor.)
American Can Company. (See Hothersall, J. M., and Murch, assignors.)
American Can Company. (See Hothersall, J. M., and Pechy, assignors.)
American Can Company. (See Hull, Wilson R., assignor.)
American Can Company. (See Kienle, Eugene, assignor.)
American Can Company. (See Kienle, E., and Wolfe, assignors.)
American Can Company. (See Kraus, C., and Lufft, assignors.)
American Can Company. (See Magill, Donald G., assignor.)
American Can Company. (See Maher, W. W., and Schoof, assignors.)
American Can Company. (See Murch, John H., assignor.)
American Can Company. (See Murch, J. H., and Pechy, assignors.)
American Can Company. (See Paynter, Horace J., assignor.)
American Can Company. (See Paynter, H. J., and Rooney, assignors.)
American Can Company. (See Pelosi, Nicholas, assignor.)
American Can Company. (See Perry, Edmond J., assignor.)
American Can Company. (See Peters, John F., assignor.)
American Can Company. (See Rooney, Walter E., assignor.)
American Can Company. (See Simpson, Justin, assignor.)
American Can Company. (See Snyder, George D., assignor.)
American Can Company. (See Sullivan, Richard L., assignor.)
American Can Company. (See Taylor, Russell C., assignor.)
American Can Company. (See Then, Edward O., assignor.)
American Can Company. (See Wardell, William J., assignor.)
American Can Company. (See Whitehead, Edward, assignor.)
American Can Company. (See Widell, Magnus E., assignor.)
American Can Company. (See Wilkinson, James W., assignor.)
American Can Company. (See Worthington, Everett, assignor.)
American Car and Foundry Company. (See Bitler, W. T., Bower, and McBride, assignors.)
American Car and Foundry Company. (See Brittain, Kenneth W., assignor.)
American Car and Foundry Company. (See Clade, Robert, assignor.)
American Car and Foundry Company. (See Dietrichson, William F., assignor.)
American Car and Foundry Company. (See Ecoff, Francis A., assignor.)
American Car & Foundry Company. (See Euwer, Herbert D., assignor.)
American Car and Foundry Company. (See Evans, Morris S., assignor.)
American Car and Foundry Company. (See Folmsbee, Clyde H., assignor.)
American Car and Foundry Company. (See Haessler, Walter M., assignor.)
American Car and Foundry Company. (See Joy, Robert W., assignor.)
American Car and Foundry Company. (See Kepner, Robert C., assignor.)
American Car and Foundry Company. (See Kump, Henry, assignor.)
American Car and Foundry Company. (See McBride, John J., assignor.)
American Car and Foundry Company. (See Miller, R. C., and Nichols, assignors.)
American Car and Foundry Company. (See Nichols, Ralph G., assignor.)
American Car & Foundry Company. (See Oleksiw, Jerome J., assignor.)
American Car and Foundry Company. (See Pancake, Herman H., assignor.)
American Car and Foundry Company. (See Pancake, H. H., and Shields, assignors.)
American Car and Foundry Company. (See Schroeder, Ernest R., assignor.)
American Car and Foundry Company. (See Shields, Robert A., assignor.)
American Car and Foundry Company. (See Stifnagle, William H., assignor.)
American Car and Foundry Company. (See Udstad, Sigvald F., assignor.)
American Car and Foundry Company. (See Walp, Charles F., assignor.)
American Car and Foundry Company. (See Willoughby, Victor, assignor.)
American Car and Foundry Company. (See Wolf, J. B., and Pellnitz, assignors.)
American Cast Iron Pipe Company. (See Moore, William D., assignor.)
American Cast Iron Pipe Company. (See Morgan, Walter J., assignor.)
American Casting & Manufacturing Corporation. (See Dietze, Emil, assignor.)
American Chain & Cable Company. (See Bratz, Otto J., assignor.)
American Chain & Cable Company. (See Burd, Gorman C., assignor.)
American Chain & Cable Company. (See Fleming, G. W., and Graham, assignors.)
American Chain & Cable Company. (See Goetz, Oscar H., assignor.)
American Chain & Cable Company. (See Hall, Preston M., assignor.)
American Chain & Cable Company. (See Koch, Louis A., Jr., assignor.)
American Chain & Cable Company. (See Rauen, John B., assignor.)
American Chain & Cable Company. (See Reyburn, John R., assignor.)
American Chain & Cable Company. (See Reyburn, John Robert W., assignor.)
American Chain & Cable Company. (See Robinson, Harry G., assignor.)
American Chain & Cable Company. (See Thorp, J. R., and Strand, assignors.)
American Chain & Cable Company. (See Walklet, Mercer D., assignor.)
American Chemical Paint Company. (See Douty, Alfred, assignor.)
American Chemical Paint Company. (See Jones, Franklin D., assignor.)
American Chemical Paint Company. (See Mackenzie, Franklin H., assignor.)
American Chemical Paint Company. (See Romig, Gerald C., assignor.)
American Chemical Paint Company. (See Saukaitis, Albert J., assignor.)
American Chlorophyll, Inc. (See Van Sant, Robert H., assignor.)
American Cigarette & Cigar Company. (See Barnes, Robert, assignor.)
American Cleaning Equipment Company. (See De Baugh, Robert W., assignor.)
American Coach and Body Company, The. (See Eckman, Meril L., assignor.)
American Coach & Body Company, The. (See Larsen, Neil P., assignor.)
American Coach and Body Company, The. (See Troche, Herman J., assignor.)
American Coating Mills, Inc. (See Colbert, Charles C., assignor.)
American Colloid Co. (See Bechtner, P., and Hirschmann, assignors.)
American Coolair Corporation. (See Allen, William W., assignor.)
American Concrete and Steel Pipe Company. (See Whitman, Nathan D., assignor.)
American Crayon Company, The. (See Daniel, Charles E., assignor.)
American Crayon Co., The. (See James, Gordon E., assignor.)
American Cutting Alloys, Inc., The. (See Kieffer, Richard, assignor.)
American Cutting Alloys, Inc., The. (See Schwarzkopf, Paul, assignor.)
American Cyanamid & Chemical Corporation. (See Brush, John G., assignor.)
American Cyanamid & Chemical Corporation. (See Clark, Le Roy V., assignor.)
American Cyanamid & Chemical Corporation. (See Jaeger, Alphons O., assignor.)
American Cyanamid & Chemical Corporation. (See Jaeger, A. O., and Herrlinger, assignors.)
American Cyanamid & Chemical Corp. (See Zink, Robert, assignor.)
American Cyanamid Company. (See Ashley, K. D., and Clark, assignors.)
American Cyanamid Company. (See Barnes, Robert B., assignor.)
American Cyanamid Company. (See Barnes, R. B., and Ham, assignors.)
American Cyanamid Company. (See Barnes, R. B., Ham, and Moore, assignors.)
American Cyanamid Company. (See Bean, James J., assignor.)
American Cyanamid Company. (See Beardsley, A. P., and Park, assignors.)
American Cyanamid Company. (See Berger, John H., assignor.)

American Cyanamid Company. (See Booth, Robert B., assignor.)
American Cyanamid Company. (See Bradley, Theodore F., assignor.)
American Cyanamid Company. (See Bradley, T. F., and Johnston, assignors.)
American Cyanamid Company. (See Brooks, Benjamin T., assignor.)
American Cyanamid Company. (See Caryl, Coleman R., assignor.)
American Cyanamid Company. (See Christmann, L. J., and Foster, assignors.)
American Cyanamid Company. (See Christmann, L. J., and Jayne, assignors.)
American Cyanamid Company. (See Crawford, Bruce D., assignor.)
American Cyanamid Company. (See Crossley, M. L., Kienle, and Amick, assignors.)
American Cyanamid Company. (See Crossley, M. L., Kienle, and Royer, assignors.)
American Cyanamid Company. (See Crossley, M. L., and Shafer, assignors.)
American Cyanamid Company. (See Daniels, L. C., and Kropa, assignors.)
American Cyanamid Company. (See Durant, Walter W., assignor.)
American Cyanamid Company. (See English, Jackson P., assignor.)
American Cyanamid Company. (See Flaks, Julius, assignor.)
American Cyanamid Company. (See Foster, George H., assignor.)
American Cyanamid Company. (See Friese, George M., assignor.)
American Cyanamid Company. (See Garnett, Stanley I., assignor.)
American Cyanamid Company. (See Goldschmidt, H., and Neuss, assignors.)
American Cyanamid Company. (See Grim, John M., assignor.)
American Cyanamid Company. (See Ham, Garnet P., assignor.)
American Cyanamid Company. (See Ham, G. P., and Barnes, assignors.)
American Cyanamid Company. (See Hill, William H., assignor.)
American Cyanamid Company. (See Hill, W. H., Swain, and Paden, assignors.)
American Cyanamid Company. (See Houpt, Alfred G., assignor.)
American Cyanamid Company. (See Jayne, David W., Jr., assignor.)
American Cyanamid Company. (See Landis, Roy H., assignor.)
American Cyanamid Company. (See Laury, N. A., and Beardsley, assignors.)
American Cyanamid Company. (See Lecher, H. Z., Adams, and Orem, assignors.)
American Cyanamid Company. (See Lecher, H. Z., and Conn, assignors.)
American Cyanamid Company. (See Lecher, H. Z., and Parker, assignors.)
American Cyanamid Company. (See Lecher, H. Z., Parker, and Orem, assignors.)
American Cyanamid Company. (See Lecher, H. Z., and Pierce, assignors.)
American Cyanamid Company. (See Lecher, H. Z., and Scalera, assignors.)
American Cyanamid Company. (See Light, Donald W., assignor.)
American Cyanamid Company. (See Light, D. W., and Moore, assignors.)
American Cyanamide Company. (See Mead, H. L., and Maust, assignors.)
American Cyanamid Company. (See Moore, Leonard P., assignor.)
American Cyanamid Company. (See Moore, L. P., and Roblin, assignors.)
American Cyanamid Company. (See Moore, William, assignor.)
American Cyanamid Company. (See Pfister, Haymo V., assignor.)
American Cyanamid Company. (See Pineo, Orrin W., assignor.)
American Cyanamid Company. (See Richardson, David, assignor.)
American Cyanamid Company. (See Ripper, Kurt, assignor.)
American Cyanamid Company. (See Roblin, Richard O., Jr., assignor.)
American Cyanamid Company. (See Roblin, R. O., Jr., and Williams, assignors.)
American Cyanamid Company. (See Swain, R. C., and Light, assignors.)
American Cyanamid Company. (See Thurston, Jack T., assignor.)
American Cyanamid Company. (See Winnek, Philip S., assignor.)
American Cystoscope Makers, Inc. (See Held, Joseph E., assignor.)
American Cystroscope Makers, Inc. (See Rubens, Harry S., assignor.)
American Dairies Incorporated. (See Smith, L. H., and Schnabel, assignors.)
American Decalcomania Company. (See Eisenberg, George M., assignor.)
American Decalcomania Company. (See Pollack, Irwin L., assignor.)
American District Telegraph Company. (See Carey, Edward S., assignor.)
American District Telegraph Company. (See Hopkins, Richard M., assignor.)
American District Telegraph Company. (See Kleinknecht, William J., assignor.)
American District Telegraph Company. (See Lindsay, Maxwell H. A., assignor.)
American District Telegraph Company. (See Muehter, Manfred W., assignor.)
American Duplex Company. (See Schuhmann, Richard L., assignor.)
American Ecla Corporation. (See Schwartz, F. F., and Chavannes, assignors.)
American Electric Fusion Corporation. (See von Henke, Edmund J., assignor.)
American Electrical Heater Company. (See Kuhn, F., and Thomas, assignors.)
American Electro Metal Corporation. (See Schwarzkopf, H. H., and Kieffer, assignors.)
American Electro Metal Corporation. (See Schwarzkopf, Paul, assignor.)
American Emblem Company. (See Lindsay, J. D., Wiggins, and Press, assignors.)
American Engineering Company. (See Bennett, Joseph S., assignor.)
American Engineering Company. (See Koons, Charles V., assignor.)
American Engineering Company. (See Lamond, Robert C., assignor.)
American Engineering Company. (See Lawrence, Howard F., assignor.)
American Engineering Company. (See Myers, Charles L., assignor.)
American Engineering Company. (See Oberholtzer, Paul N., assignor.)
American Enka Corporation. (See Dousma, Jacob, assignor.)
American Enka Corporation. (See Heim, Gustav A. M., assignor.)
American Enka Corporation. (See Koch, Theodoor, assignor.)
American Enka Corporation. (See Kriek, Peter P., assignor.)
American Enka Corporation. (See Moritz, Adrian J. L., assignor.)
American Enka Corporation. (See Sunderland, Alfred E., assignor.)
American Enka Corporation. (See van den Bergh, Barend, assignor.)
American Enka Corporation. (See Van Laer, Jan A., assignor.)
American Epok Inc. (See Rosenberg, Kurt, assignor.)
American Felt Company. (See Hately, Furnace H., assignor.)
American Fixture & Showcase Manufacturing Co. (See Frenze, Bernard M., assignor.)
American Flange & Manufacturing Co. (See Melrath, Richard H., assignor.)
American Flange & Manufacturing Co. (See Sheridan, Harold M., assignor.)
American Flange & Manufacturing Co. (See Wackman, Louis B., assignor.)
American Flange & Manufacturing Co. (See Waldo, Robert, assignor.)
American Flange and Manufacturing Company. (See Wallach, Carl D., assignor.)
American Flange & Manufacturing Co. Inc. (See Shera, John W., assignor.)
American Floor Surfacing Machine Company, The. (See Kneisley, R. F., and Wolfe, assignors.)
American Folding Umbrella Corporation. (See Okun, Edward, assignor.)
American Forging & Socket Company, The. (See Johnson, Alvin L., assignor.)
American Forging & Socket Company, The. (See Johnson, Andrew L., assignor.)
American Forging & Socket Company. (See McGregor, Thomas A., assignor.)
American Forging and Socket Company. (See Oberhoffken, Alexander, assignor.)
American Forging & Socket Company. (See Rhodes, Albert J., assignor.)
American Forging and Socket Company, The. (See Saunders, Walter S., asssignor.)
American Fork & Hoe Company, The. (See Barnhart, William E., assignor.)
American Fork & Hoe Company, The. (See Cowdery, R. H., and Kinnear, assignors.)
American Fork and Hoe Company, The. (See Lambert, John W., assignor.)
American Fork & Hoe Company, The. (See Scott, Archie W., assignor.)
American Fork & Hoe Company, The. (See Taft, Raymond C., assignor.)
American Fork & Hoe Company, The. (See Wright, Carl, assignor.)
American Foundry Equipment Company, The. (See Grove, Gerald N., assignor.)
American Foundry Equipment Company, The. (See Guendling, John E., assignor.)

American Foundry Equipment Company, The. (See Guite, Roy W., assignor.)
American Foundry Equipment Company, The. (See Hughes, Edward R., assignor.)
American Foundry Equipment Company, The. (See Minich, V. E., and Grove, assignors.)
American Foundry Equipment Company, The. (See Peik, Louis D., assignor.)
American Foundry Equipment Company, The. (See Turnbull, David C., assignor.)
American Foundry Equipment Company, The. (See Unger, Chester E., assignor.)
American Gas Accumulator Company. (See Parsberg, Erik R., assignor.)
American Gas Service Company. (See Mead, Roy M., assignor.)
American Hair & Felt Company. (See Phillips, Robert S., assignor.)
American Hard Rubber Company. (See Dirrig, Ernest, assignor.)
American Hard Rubber Company. (See King, Harold D., assignor.)
American Hard Rubber Company. (See Kittner, R. H., and Durant, assignors.)
American Hard Rubber Company. (See Kugler K., asl signor.)
American Hard Rubber Company. (See Schelhammer, Herman J., assignor.)
American Hard Rubber Company. (See Winslow, Francis G., assignor.)
American Hardware Corporation, The. (See Bernhard, Benjamin S., assignor.)
American Hardware Corporation, The. (See Dyson, Louis M., assignor.)
American Hardware Corporation, The. (See Fletcher, Irving J., assignor.)
American Hardware Corporation, The. (See Hurd, Norman B., assignor.)
American Hardware Corporation, The. (See Morgen, Sigurd P., assignor.)
American Hardware Corporation, The. (See Scanlan, Thomas A., assignor.)
American Hatters and Furriers Co. (See Mercier, Warren C., assignor.)
American Heat Reclaiming Corporation. (See Kallstenius, Torsten K. E., assignor.)
American Heat Reclaiming Corporation. (See Ljungström, Ake B., assignor.)
American Hoist and Derrick Company. (See Campbell, Harry L., assignor.)
American Hoist and Derrick Company. (See Ljungkull, Rolf E., assignor.)
American Hyalsol Corporation. (See Butz, Karl, assignor.)
American Hyalsol Corporation. (See Mauersberger, Ernst A., assignor.)
American Instrument Company. (See Porter, George K., assignor.)
American Ironing Machine Co. (See Peters, Arthur H., assignor.)
American-La France-Foamite Corporation. (See Sheppard, Allan G., assignor.)
American Laundry Machinery Company, The. (See Couch, Forrest J., assignor.)
American Laundry Machinery Company, The. (See Dewey, James M., assignor.)
American Laundry Machinery Company. (See Gerlach, Frank A., assignor.)
American Laundry Machinery Company, The. (See Hamilton, Charles E., assignor.)
American Laundry Machinery Company, The. (See Hetzer, Russell A., assignor.)
American Laundry Machinery Company, The. (See Johnson, George W., assignor.)
American Laundry Machinery Company, The. (See Kahn, Leo M., assignor.)
American Laundry Machinery Company, The. (See Malott, Clifton S., Jr., assignor.)
American Laundry Machinery Company, The. (See McEwen, N. S., and Ward, assignors.)
American Laundry Machinery Company, The. (See Neckel, Edmund N., assignor.)
American Laundry Machinery Company, The. (See Pierce, Lucien, assignor.)
American Laundry Machinery Company, The. (See Shirley, Harvey J., assignor.)
American Laundry Machinery Company, The. (See Vetorino, Frank, assignor.)
American Lava Corporation. (See Hower, Carl R., assignor.)
American Lava Corporation. (See Stevens, F. J., and Layson, assignors.)
American Lava Corporation. (See Thurnauer, Hans, assignor.)
American Lecithin Company. (See Wiesehahn, Gustav A., assignor.)
American Liquid Gas Corporation. (See Brown, Samuel B., assignor.)
American Locker Company Inc. (See Hofmann, George, assignor.)
American Locomotive Company. (See Blunt, James G., assignor.)
American Locomotive Company. (See Burnham, Harry S., assignor.)
American Locomotive Company. (See Finch, Raymond J., assignor.)
American Locomotive Company. (See Kindervater, Julius, assignor.)
American Locomotive Company. (See Reid, Charles L., assignor.)
American Locomotive Company. (See Schutt, Hermann C., assignor.)
American Locomotive Company. (See Weber, Theodore R., assignor.)
American Locomotive Company. (See Withrow, Paul C., assignor.)
American Lurgi Corporation. (See Ebner, Karl, assignor.)
American Lurgi Corporation. (See Göhre, K. R., and Jordan, assignors.)
American Lurgi Corporation. (See Herbert, Wilhelm, assignor.)
American Lurgi Corporation. (See Koolman, Carl ten D., assignor.)
American Lurgi Corporation. (See Sondermann, Karl, assignor.)
American Lurgi Corporation. (See von Girsewald, Conway, Baron, Roesner, and Wohlwill, assignors.)
American Lurgi Corporation. (See von Girsewald, C. B., Roesner, and Barwasser, assignors.)
American Lurgi Corporation. (See Wassermann, Günter, assignor.)
American Lurgi Corporation. (See Wendeborn, Helmut, assignor.)
American Machine & Foundry Company. (See Arelt, Charles, assignor.)
American Machine & Foundry Company. (See Bell, Arthur, assignor.)
American Machine & Foundry Company. (See Beutel, Robert J., assignor.)
American Machine & Foundry Company. (See Bronander, Wilhelm B., assignor.)
American Machine & Foundry Company. (See Craggs, Ross V., assignor.)
American Machine & Foundry Company. (See Crawford, E. B., and Turrell, assignors.)
American Machine & Foundry Company. (See Dearsley, George, assignor.)
American Machine & Foundry Company. (See Dehuff, Walter F., assignor.)
American Machine & Foundry Company. (See Horgan, George D., assignor.)
American Machine & Foundry Company. (See Jensen, Thormod, assignor.)
American Machine & Foundry Company. (See Leary, James W., assignor.)
American Machine & Foundry Company. (See Naftali, Rudolf, V., and H., assignors.)
American Machine & Foundry Company. (See Patterson, Morehead, assignor.)
American Machine & Foundry Company. (See Podmore, Arthur, assignor.)
American Machine & Foundry Company. (See Schmidt, A. J., and Jackson, assignors.)
American Machine & Foundry Company. (See Shackleton, Jack, assignor.)
American Machine & Foundry Company. (See Van Veen, Anton, assignor.)
American Machine and Metals. (See Gross, Carl G., assignor.)
American Machine and Metals, Inc. (See Adams, Arthur H., assignor.)
American Machine and Metals, Inc. (See Holder, Edward P., assignor.)
American Machinery Corporation. (See Sias, Richard, assignor.)
American Magnesium Metals Corporation. (See Erdmann, Konrad, assignor.)
American Magnesium Metals Corporation. (See Jaburek, F., and Schichtel, assignors.)
American Maize-Products Company. (See Hellwig, A. P., and Fisher, assignors.)
American Maize-Products Company. (See Lloyd, Robert L., assignor.)
American Maize-Products Company. (See Morgan, Willard L., assignor.)
American Maize-Products Company. (See Schopmeyer, H. H., and Felton, assignors.)
American Maize-Products Company. (See Walsh, James F., assignor.)
American Maize-Products Company. (See Walsh, J. F., Kinzinger, and Goodman, assignors.)
American Maize-Products Company. (See Walsh, J. F., and Rawlins, assignors.)
American Maize-Products Company. (See Wolff, Ottomar, assignor.)
American-Marsh Pumps, Inc. (See Barton, B. D., Adney, and Bentley, assignors.)
American Metal Company, The. (See Aldrich, Charles H., assignor.)
American Metal Company, The. (See Johnson, J. A., and Geigel, assignors.)
American Metal Company, The. (See Muller, F. R., and Munson, assignors.)
American Mills Company, The. (See Lilley, Samuel C., assignor.)
American Mineral Spirits Company. (See Toby, Edward M., Jr., assignor.)

American MonoRail Company, The. (See Coombe, George G., assignor.)
American MonoRail Company, The. (See Harris, Frank C., assignor.)
American Monorail Company, The. (See Miller, Henry M., assignor.)
American-National Company. The. (See Snell, Samuel A., assignor.)
American Oil & Grease Corporation et al. (See Callaghan, A. J., and McCarthy, assignors.)
American Optical Company. (See Beitel, Robert J., Jr., assignor.)
American Optical Company. (See Boeder, P. A. K., Hill, and Tillyer, assignors.)
American Optical Company. (See Cozzens, Charles O., assignor.)
American Optical Company. (See Cutler, F. R., and Peters, assignors.)
American Optical Company. (See Favre, George C., assignor.)
American Optical Company. (See Gagnon, Louis L., assignor.)
American Optical Company. (See Glancy, Anna E., assignor.)
American Optical Company. (See Goddu, Lloyd W., assignor.)
American Optical Company. (See Goddu, L. W., and Wrighton, assignors.)
American Optical Company. (See Kinney, Fay D., assignor.)
American Optical Company. (See Lehmberg, William H., assignor.)
American Optical Company. (See Maynard, Albert E., assignor.)
American Optical Company. (See Neumueller, Julius F., assignor.)
American Optical Company. (See Neumueller, J. F., and Taylor, assignors.)
American Optical Company. (See Peck, W. F., and Taylor, assignors.)
American Optical Company. (See Simonds, Royal H., assignor.)
American Optical Company. (See Splaine, Edward M., assignor.)
American Optical Company. (See Styll, Harry H., assignor.)
American Optical Company. (See Tillyer, Edgar D., assignor.)
American Optical Company. (See Tillyer, E. D., and Moulton, assignors.)
American Optical Company. (See Tillyer, E. D., Moulton, and Gunn, assignors.)
American Oxythermic Corporation. (See Frankl, Mathias, assignor.)
American Paper Bottle Company, The. (See Bennett, Racy D., assignor.)
American Paper Bottle Company, The. (See Bennett, R. D., and Monroe, assignors.)
American Paper Bottle Company, The. (See Carley, Joseph L., assignor.)
American Paper Bottle Company, The. (See Culver, Howard P., assignor.)
American Paper Bottle Company, The. (See Krengel, Richard E., assignor.)
American Paper Bottle Company, The. (See Monroe, Charles Z., assignor.)
American Paper Bottle Company, The. (See Wollenweber, Julius E., assignor.)
American Paper Goods Company, The. (See Stuhlman, William, assignor.)
American Perfit Crystal Corporation. (See Tobita, Toshio, assignor.)
American Plastics Corporation. (See Parsons, John A., assignor.)
American Platinum Works. (See Koch, T., and Langhans, assignors.)
American Platinum Works. (See Ledig, Karl K., assignor.)
American Platinum Works, The. (See Streicher, Johann S., assignor.)
American Playground Device Co. (See De Vaney, Elbert, assignor.)
American Plush & Velvet Pressboard Co. Inc. (See Bass, Rubin, assignor.)
American Pouch Corporation. (See Klein, Louis M., assignor.)
American Pulverizer Company. (See Griesedieck, Henry C., assignor.)
American Radiator & Standard Sanitary Corporation. (See Cornell, Edward S., Jr., assignor.)
American Radiator & Standard Sanitary Corporation. (See Daly, R. E., and Goerg, assignors.)
American Radiator & Standard Sanitary Corporation. (See Daly, R. E., Zuhlke, and Reynolds, assignors.)
American Radiator & Standard Sanitary Corporation. (See Donle, Harold P., assignor.)
American Radiator & Standard Sanitary Corporation. (See Donle, H. P., and Michaels, assignors.)
American Radiator & Standard Sanitary Corporation. (See Fieser, Frank J., assignor.)
American Radiator & Standard Sanitary Corporation. (See Goerg, Bernard, assignor.)
American Radiator & Standard Sanitary Corporation. (See Komroff, P., Lambert, and Terry, assignors.)
American Radiator & Standard Sanitary Corporation. (See Lambert, R. D., Komroff, and Terry, assignors.)
American Radiator & Standard Sanitary Corporation. (See Maier, George M., assignor.)
American Radiator & Standard Sanitary Corporation. (See Terry, Matson C., assignor.)
American Radiator & Standard Sanitary Corporation. (See Timmis, W. W., and Michaels, assignors.)
American Radiator & Standard Sanitary Corporation. (See Zuhlke, William R., assignor.)
American Railway Products Co. (See Cooke, George T., assignor.)
American Rayon Company. (See Furness, William H., assignor.)
American Rhinestone Company. (See Moscini, John, assignor.)
American Rock Wool Corporation. (See Drill, Daniel C., assignor.)
American Rock Wool Corporation. (See Drill, D. C., Whitenack, and Gregory, assignors.)
American Rolling Mill Company, The. (See Ashworth, James E., assignor.)
American Rolling Mill Company, The. (See Canfield, J. J., and McGohan, assignors.)
American Rolling Mill Company, The. (See Freeland, Charles E., assignor.)
American Rolling Mill Company, The. (See Hudson, Edwin B., assignor.)
American Rolling Mill Company, The. (See McLaughlin, William E., assignor.)
American Rolling Mill Company, The. (See Murphy, Alphonsus F., assignor.)
American Rolling Mill Company. (See Reed, E., assignor.)
American Rolling Mill Company, The. (See Reed, E., and Mizer, assignors.)
American Rolling Mill Company, The. (See Schlup, Ernest G., assignor.)
American Rolling Mill Company, The. (See Sendzimir, Tadeusz, assignor.)
American Safety Razor Corporation. (See Dalkowitz, Godfrey, assignor.)
American Safety Razor Corporation. (See Eickemeyer, Henry, assignor.)
American Safety Razor Corporation. (See Leifer, M. C., and Manvell, assignors.)
American Safety Seating Company. (See Morgan, E. B., and Yost, assignors.)
American Sales Book Company. (See Bottle, Edward K., assignor.)
American Sales Book Company. (See Gochnauer, Walter E., assignor.)
American Sales Book Company. (See Hageman, Louis F., assignor.)
American Scale Manufacturing Co. (See Dillon, W. P., Jr., and Allen, assignors.)
American Screw Company. (See Tomalis, Joseph J., assignor.)
American Sealcone Corporation. (See Johnson, Ogden, assignor.)
American Sealcone Corporation. (See Merkle, Alfred, assignor.)
American Sealcone Corporation. (See Scott, Henry T., assignor.)
American Seal-Kap Corporation. (See Clark, Kempton, assignor.)
American Seal-Kap Corporation of Delaware. (See Baum, Ewald G., assignor.)
American Seal-Kap Corporation of Delaware. (See Clark, Kempton, assignor.)
American Seal-Kap Corporation of Delaware. (See Martin, Harold W., assignor.)
American Seating Company. (See Boogaard, J. V., and Merrill, assignors.)
American Seating Company. (See Hanson, Walter M., assignor.)
American Seating Company. (See Merrill, Ralph K., assignor.)
American Seating Company. (See Morgan, Erving B., assignor.)
American Seating Company. (See Nordmark, Henry P., assignor.)
American Seating Company. (See Orton, Merritt K., assignor.)
American Seating Company. (See Todd, Edwin T., assignor.)
American Seating Company. (See Todd, E. T., and Hall, assignors.)
American Seating Company. (See Todd, E. T., and Wilsted, assignors.)
American Securit Company, The. (See Forbes, Lewis J.-B., assignor.)
American Securit Company, The. (See Long, Bernard, assignor.)
American Securit Company. (See Wilson, John, assignor.)
American Ship Building Company, The. (See Williams, Egerton B., assignor.)
American Smelting and Refining Company. (See Betterton, J. O., and Perkins, assignors.)
American Smelting and Refining Company. (See Hershey, C. G., and Buck, assignors.)
American Smelting and Refining Company. (See Lindner, Karl A., assignor.)
American Smelting and Refining Company. (See Lindner, K. A., and Di Santo, assignors.)

American Smelting and Refining Company. (See Robbins, Max, assignor.)
American Smelting and Refining Company. (See Siebert, Henry R., assignor.)
American Smelting & Refining Company. (See Teats, Roscoe, assignor.)
American Smelting and Refining Company. (See Wagstaff, Richard A., assignor.)
American Specialty Company, The. (See Berger, R., and Ricket, assignors.)
American Sponge & Chamois Co. (See Riley, Edward C., assignor.)
American Stay Company. (See Presby, Leroy Q., assignor.)
American Steel Band Company. (See McKee, John R., Jr., assignor.)
American Steel Foundries. (See Bachman, Fred E., assignor.)
American Steel Foundries. (See Baselt, Walter H., assignor.)
American Steel Foundries. (See Baselt, W. H., and Aurien, assignors.)
American Steel Foundries. (See Cottrell, Robert B., assignor.)
American Steel Foundries. (See Cottrell, R. B., and Kulieke, assignors.)
American Steel Foundries. (See Kinne, Edmund P., assignor.)
American Steel Foundries. (See Lamont, John A., assignor.)
American Steel Foundries. (See Light, David M., assignor.)
American Steel Foundries. (See Oelkers, Alfred H., assignor.)
American Steel Foundries. (See Simanek, Edward J., assignor.)
American Steel Package Company. (See Behringer, Grover F., assignor.)
American Steel and Wire Company, The. (See Brickman, A. E., and Gleason, assignors.)
American Steel and Wire Company of New Jersey, The. (See Bletso, Bruce N., assignor.)
American Steel and Wire Company of New Jersey, The. (See Bonds, Albert, assignor.)
American Steel and Wire Company of New Jersey, The. (See Brickman, Alan E., assignor.)
American Steel and Wire Company of New Jersey, The. (See Brickman, A. E., and Gleason, assignors.)
American Steel and Wire Company of New Jersey, The. (See Capouch, Myron E., assignor.)
American Steel and Wire Company of New Jersey, The. (See Cochenour, John B., assignor.)
American Steel and Wire Company of New Jersey, The. (See Gleason, G. A., and Hayden, assignors.)
American Steel and Wire Company of New Jersey, The. (See Hayden, A. P., and Gleason, assignors.)
American Steel and Wire Company of New Jersey, The. (See Hillix, Foster F., assignor.)
American Steel and Wire Company of New Jersey, The. (See Johansen, F., and Lloyd, assignors.)
American Steel and Wire Company of New Jersey, The. (See Jones, Henry W., Jr., assignor.)
American Steel and Wire Company of New Jersey. (See King, Alexander J., assignor.)
American Steel and Wire Company of New Jersey, The. (See La France, J. A., and Symmes, assignors.)
American Steel and Wire Company of New Jersey, The. (See Lind, C. M., and Thomas, assignors.)
American Steel and Wire Company of New Jersey, The. (See Marlborough, J. M., and Morrison, assignors.)
American Steel and Wire Company of New Jersey, The. (See McKernan, A. J., and Sabol, assignors.)
American Steel and Wire Company of New Jersey, The. (See Peskin, Leonard C., assignor.)
American Steel and Wire Company of New Jersey, The. (See Peterson, T. F., and Riddle, assignors.)
American Steel and Wire Company of New Jersey. (See Rice, Joseph A., assignor.)
American Steel and Wire Company of New Jersey, The (See Sabol, Ernest J., assignor.)
American Steel and Wire Company of New Jersey, The. (See Thompson, James R., assignor.)
American Steel and Wire Company of New Jersey, The. (See Wick, Peter S., assignor.)
American Steel and Wire Company of New Jersey, The. (See Wilkoff, Howard M., assignor.)
American Sterilizer Company. (See Alexander, Horace W., assignor.)
American Sterilizer Company. (See Jewell, Raymond L., assignor.)
American Stove Company. (See Brumbaugh, Isaac V., assignor.)
American Stove Company. (See Meacham, B. E., and Frick, assignors.)
American Stove Company. (See Meacham, Edward M., assignor.)
American Supercraft Corporation. (See Wiggins, Edward J., assignor.)
American Swiss Company, The. (See Rightmyer, Holden W., assignor.)
American Tap-Bush Company. (See Rice, Frank E., assignor.)
American Telephone and Telegraph Company. (See Borgeson, C. A., Carter, Drake, Groome, and Hanley, assignors.)
American Telephone and Telegraph Company. (See Cowan, F. A., and Rhodes, assignors.)
American Telephone and Telegraph Company. (See Creswell, Charles E., assignor.)
American Telephone and Telegraph Company. (See Cunningham, H. J., Groome, Hanley, and Richards, assignors.)
American Telephone and Telegraph Company. (See Desmond, James M., assignor.)
American Telephone and Telegraph Company. (See De Wolfe, Donald F., assignor.)
American Telephone and Telegraph Company. (See Fisher, D., Parker, George B. and L. L., and Meehan.)
American Telephone and Telegraph Company. (See Hancock, Charles M., assignor.)
American Telephone and Telegraph Company. (See Harms, Gordon J., assignor.)
American Telephone and Telegraph Company. (See Honaman, R. K., and Swart, assignors.)
American Telephone and Telegraph Company. (See Hughes, Samuel B., assignor.)
American Telephone and Telegraph Company. (See Laube, Otto T., assignor.)
American Telephone and Telegraph Company. (See Martin, Wade B., assignor.)
American Telephone and Telegraph Company. (See Mathews, Eric B., assignor.)
American Telephone and Telegraph Company. (See Mitchell, D., and Nyquist, assignors.)
American Telephone and Telegraph Company. (See Nelson, Charles F., assignor.)
American Telephone and Telegraph Company. (See Roberts, Leland C., assignor.)
American Telephone and Telegraph Company. (See Rougvie, James F., assignor.)
American Telephone and Telegraph Company. (See Sageman, Edward A., assignor.)
American Telephone and Telegraph Company. (See Schluter, John J., assignor.)
American Telephone and Telegraph Company. (See Singer, Fred J., assignor.)
American Telephone and Telegraph Company. (See Skibsted, Wesley G., assignor.)
American Telephone and Telegraph Company. (See Southworth, George C., assignor.)
American Telephone and Telegraph Company. (See Swart, Leland K., assignor.)
American Telephone and Telegraph Company. (See Talley, Robert R., assignor.)
American Telephone and Telegraph Company. (See Weaver, Allan, assignor.)
American Telephone and Telegraph Company. (See Weber, Edward H., Jr., assignor.)
American Transformer Company. (See Hunter, Thomas T., assignor.)
American Throttle Company. (See Smith, Bert, assignor.)
American Tool & Machine Co. (See Tholl, John F., assignor.)
American Transformer Company. (See Garlick, Walter J., Jr., assignor.)
American Transformer Company. (See Hunter, Thomas M., assignor.)
American Type Founders, Inc. (See Gudger, Morris S., assignor.)
American Type Founders, Inc. (See Gudger, M. S., and Seybold, assignors.)
American Type Founders, Incorporated. (See Sanford, David P., assignor.)
American Type Founders, Inc. (See Seybold, Frederick W., assignor.)
American Type Founders, Incorporated. (See Stobb, Anton, assignor.)
American Tri-Ergon Corporation. (See Vogt, H., Engl, and Massolle, assignors.)
American Utensil Company. (See Bauer, Michael F., assignor.)
American Utensil Company. (See Carson, Robert H., assignor.)
American Utensil Company. (See McNitt, Willard C., assignor.)
American Utensil Company. (See Rude, S., and Miller, assignors.)
American Utensil Company. (See Scott, Roger A., assignor.)
American Viscose Corporation. (See Allen, G. M., McDermott, and Pedlow, assignors.)
American Viscose Corporation. (See Martin, Frank B., assignor.)
American Voith Contact Company. (See Gossler, Dietrich, assignor.)
American Voith Contact Company. (See Seibold, Ernst, assignor.)
American Voith Contact Co. (See Thaler, Wilhelm, assignor.)
American Voith Contact Co. Inc. (See Kieser, Hugo, assignor.)
American Well & Prospecting Company. (See Anderson, Carl M., assignor.)
American Well & Prospecting Company. (See Duda, Oswald, assignor.)
American Well Works, The. (See Walker, James D., assignor.)

American Window Glass Company. (See Bishop, Frederic L., Jr., assignor.)
American Window Glass Company. (See Bishop, F. L., Du Bois, and Finnegan, assignors.)
American Window Glass Company. (See Bishop, F. L., and Shoemaker, assignors.)
American Window Glass Company. (See Bundy, Albert J., assignor.)
American Window Glass Company. (See Shoemaker, Charles S., assignor.)
American Wringer Company. (See Keltie, George R., assignor.)
American Zinc, Lead & Smelting Company. (See Depew, Harlan A., assignor.)
American Zinc, Lead & Smelting Company. (See MacIntire, Walter H., assignor.)
American Zinc, Lead & Smelting Company. (See Monk, R. H., and Ross, assignors.)
American Zinc, Lead & Smelting Company. (See Warner, Munroe F., assignor.)
American Zinc Products Company, The. (See Gifford, L. S., and Maxwell, assignors.)
American Zirconium Corporation. (See Allan, Benjamin W., assignor.)
Amerise, Anthony D., Coral Gables, Fla. Animafed dancing toy. 2,208,487; July 16.
Amery, George, London, England. Fuel injection system for internal-combustion engines. 2,191,186; Feb. 20.
Ames, Albert H., St. Paul, Minn. Coupler. 2,188,587; Jan. 30.
Ames, Arthur D., Lake Bracken, assignor to Outboard, Marine & Manufacturing Company, Waukegan, Ill. Shaft seal. 2,192,426; Mar. 5.
Ames, Billy W., San Francisco, Calif. Insulation stripper. 2,225,200; Dec. 17.
Ames, Burton A., assignor to Lussky, White & Coolidge, Inc., Chicago, Ill. Display device. 2,224,893; Dec. 17.
Ames, Butler, Boston, Mass. Movable support. 2,224,246; Dec. 10.
Ames, Butler, Boston, Mass. Self-cleaning electric cooking apparatus. 2,224,945; Dec. 17.
Ames, Cortlandt F., Jr., Larchmont, assignor to Johns-Manville Corporation, New York, N. Y. Shingle. 2,205,679; June 25.
Ames, John F., Selma, Ala. Bag closure. 2,197,543; Apr. 16.
Ames, W. R., Company. (See Folsom, Rolfe A., assignor.)
Amick, Chester A. (See Crossley, M. L., Kienle, and Amick.)
Amick, Clair J. (See Hayden, S., and Amick.)
Amidon, Hugh C., Elyria, Ohio. Skull separator. 2,217,093; Oct. 8.
Ammann, Bernard W., and O. L. Bachmann, assignors to Wagner Electric Corporation, St. Louis, Mo. Winding machine. 2,197,117; Apr. 16.
Amon, Joseph, Rahway, N. J. Automatic water leveler. 2,221,293; Nov. 12.
Amorosi, Raoul, Chicago, Ill. Trimming guide tool for wallpaper. 2,226,796; Dec. 31.
Amory, Robert, Milton, Mass., assignor to Nashua Manufacturing Company, Nashua, N. H. Household blanket. 2,208,533; July 16.
Amos, James L., assignor to The Dow Chemical Company, Midland, Mich. Manufacture of ethyl benzene. 2,225,543; Dec. 17.
Amos, James L., R. R. Dreisbach, and J. L. Williams, assignors to The Dow Chemical Company, Midland, Mich. Alkylation of aromatic compounds. 2,198,595; Apr. 30.
Amos, James L., and G. W. Hooker, assignors to The Dow Chemical Company, Midland, Mich. Preparation of aldehydes and ketones. 2,208,557; July 23.
Amos, James L., and J. L. Williams, Midland, Mich., and H. S. Winnicki, Potsdam, N. Y., assignors to The Dow Chemical Company, Midland, Mich. Alkylation of aromatic compounds. 2,222,012; Nov. 19.
Ampere X Electronic Products, Inc. (See Senauke, Alexander, assignor.)
Amrhyn, Alphonse. (See Pierson, I. R., and Amrhyn.)
Ams, Max, Machine Company, The. (See Brenzinger, Julius, assignor.)
Amsbury, George A., Spokane, Wash. Riding trailer. 2,218,064; Oct. 15.
Amsden, Ralph D., Lynn, Mass., assignor to General Electric Company. Control system. 2,227,118; Dec. 31.
Amstuz, John O., Troy, N. Y. Making pile fabric. 2,223,476; Dec. 3.
Amtsberg, Lester A., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Impact wrench. 2,219,883; Oct. 29.
Amundsen, Ernest, New York, N. Y. Power driven tool. 2,220,195; Nov. 5.
Amundsen, Ivar, Bygdo, near Oslo, Norway. Refrigerating apparatus and method. 2,208,716; July 23.
Amyot, Louis J. A., Quebec, Quebec, Canada. Corded woven fabric. 2,190,053; Feb. 13.
Amyot, Louis J. A., Quebec, Quebec, Canada. Foundation garment. 2,192,427; Mar. 5.
Anaconda Copper Mining Company. (See Frick, F. F., and Woodman, assignors.)
Anaconda Copper Mining Company. (See Simmons, Emmett G., assignor.)
Anaconda Lead Products Company. (See Toney, Perry S., assignor.)
Anaconda Wire & Cable Company. (See Boyle, James S., assignor.)
Anaconda Wire & Cable Company. (See Burby, James D., assignor.)
Anaconda Wire and Cable Company. (See Kidd, George B., assignor.)
Anaconda Wire & Cable Company. (See MacLeod, Lester R., assignor.)
Anaconda Wire & Cable Company. (See McConnell, Edmond S., assignor.)
Anaconda Wire and Cable Company. (See Olson, John W., assignor.)
Anaconda Wire & Cable Company. (See Wodtke, Hans V., assignor.)
Anastasi, John J., Philadelphia, Pa. Suturing and ligating instrument. 2,213,830; Sept. 3.
Anastor, Charles G., assignor to Kimble Glass Company, Vineland, N. J. Apparatus for forming stopcock barrels. 2,204,542; June 18.
Anchor Cap & Closure Corporation. (See Gibbs, John C., assignor.)
Anchor Cap & Closure Corporation. (See Pahls, J. J., and Tamm, assignors.)
Anchor Cap & Closure Corporation. (See Podel, Abraham, assignor.)
Anchor Cap & Closure Corporation. (See Scofield, Edgar, assignor.)
Anchor Hocking Glass Corporation. (See Allen, George A., assignor.)
Anchor Hocking Glass Corporation. (See Bell, William D., assignor.)
Anchor Hocking Glass Corporation. (See Lavere, Carroll K., assignor.)
Anchor Post Fence Company. (See Smoot, Theophilus H., assignor.)
Ancrum, Robert W. (See Raspe, F., and Ancrum.)
Andale Company. (See McNeal, Daniel R., assignor.)
Andelenis, Speros P., Concord, N. H. Game apparatus. 2,212,766; Aug. 27.
Anderau, Walter. (See Straub, F., and Anderau.)
Anderau, Walter. (See Straub, F., Hanhart, and Anderau.)
Anderle, Robert, Berlin-Tempelhof, Germany. Stereocamera. 2,201,975; May 28.
Anders, Thomas J., Portland, Oreg. Strainer for coffee makers. 2,225,027; Dec. 17.
Andersag, Hans. (See Bauer, K., and Andersag.)
Andersag, Hans, Wuppertal-Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Condensation products of butyrolactones and primary amines of the aromatic and heterocyclic series. 2,187,847; Jan. 23.
Andersag, Hans, and K. Westphal, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of antineuritically active products. 2,209,244; July 23.
Anderschitz, Andreas, Vienna, assignor to the firm Union Gesellschaft für Metallindustrie, Sils, van de Loo & Co., Frondenberg-Ruhr, Germany. Box. 2,224,846; Dec. 17.
Andersen, Alfred O., Bridgeport, Conn. Polishing machine. 2,194,780; Mar. 26.
Andersen, Andrew C., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Coach lock. 2,186,058; Jan. 9.
Andersen, Andrew C., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Coach lock. 2,212,000; Aug. 20.
Andersen, Arthur H., and J. E. Renaud, Shawinigan Falls, Quebec, assignors to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Coke production. 2,209,255; July 23.
Andersen, Carl N., Wellesley Hills, Mass., assignor to Lever Brothers Company. Aromatic mercury sulphonates and making them. 2,215,457; Sept. 24.
Andersen, Christian S., assignor to Pennsylvania Furnace & Iron Co., Warren, Pa. Automatic safety pilot. 2,185,423; Jan. 2.
Andersen, Christian S., and A. L. Schellhammer, assignors to Pennsylvania Furnace & Iron Co., Warren, Pa., Air heating furnace. 2,194,733; Mar. 26.
Andersen, Elmer M., Dallas, Tex. Combination air conditioner and ventilator. 2,207,770; July 16.
Andersen, Hans J. (See Swenson, W. E., and Andersen.)
Andersen, Herbert H., Beverly, Mass., assignor to General Electric Company. Time switch. 2,200,110; May 7.
Andersen, Herbert H., Beverly, Mass., assignor to General Electric Company. Time switch alarm. 2,202,721; May 28.
Andersen, Jacob S., Pasadena, and W. C. Putnam, Los Angeles, Calif. Perforator. 2,195,477; Apr. 2.
Andersen, Joakim U. F., Charlottenlund, near Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y. Self-synchronous control system. 2,203,854; June 11.
Andersen, Lauritz, assignor to T. J. Edwards, Inc., Boston, Mass. Marking machine. 2,201,465; May 21.
Andersen, Leif. (See Fredrickson, E. A., Andersen, Van Sciver, and Zinkil.)
Andersen, Leif, and E. A. Fredrickson, Chicago, and R. H. Zinkil, Oak Park, Ill. Actuating mechanism for a plumbing fixture. 2,188,562; Jan. 30.

Andersen, Leif, and E. A. Fredrickson, Chicago, and R. H. Zinkil, Oak Park, Ill. Actuating mechanism for a plumbing fixture. 2,198,853; Apr. 30.
Andersen, Leif, and E. A. Fredrickson, Chicago, T. P. Newman, Geneva, Ill., H. R. Van Sciver, Trenton, N. J., and R. H. Zinkil, Oak Park, Ill. Folding closet bowl. 2,219,437; Oct. 29.
Andersen, Nils G., Walnut Creek, Calif. Machine for hulling nuts. 2,208,239; July 16.
Andersen, Norman D., assignor of one-half to R. B. Laird, Flint, Mich. Speed and power changing device. 2,220,196; Nov. 5.
Andersen, Olaf H., Westwood, Calif. Insole. 2,217,882; Oct. 15.
Andersen, Oscar W., Flossmoor, assignor to Pettibone Mulliken Corporation, Chicago, Ill. Railway switch piston and cylinder device. 2,191,246; Feb. 20.
Andersen, Soren K., assignor to Young Radiator Company, Racine, Wis. Distributor head for evaporators. 2,220,595; Nov. 5.
Andersen, Torild. (See Linde, L. J., and Andersen.)
Andershock, Chester E., assignor to Goodman Manufacturing Company, Chicago, Ill. Conveyer. 2,197,169; Apr. 16.
Anderson, Adolph C. G. (See Anderson, John C. A. and A. C. G.)
Anderson, Albert & J. M., Manufacturing Company. (See Reynolds, Charles H., assignor.)
Anderson, Alfred. (See Davidson, W. W., and Anderson.)
Anderson, Alfred E., Brooklyn, N. Y. Bearing. 2,216,726; Oct. 8.
Anderson, Alfred H., J. A. Fitch, and C. W. Straubel, Youngstown, Ohio, assignors, by mesne assignments, to Acme Visible Records, Inc., Chicago, Ill. Apparatus for automatically making and assembling filing cards. 2,188,994; Feb. 6.
Anderson, Alfred J., Akron, Ohio. Contact attachment for electrical connections. 2,203,122; June 4.
Anderson, Alfred J., and G. Hill, Takapuna, Auckland, assignors to D. Bennett, V. Jacobsen, A. D. L. Griffiths, and themselves, Auckland, New Zealand. Gas burner. 2,187,674; Jan. 16.
Anderson, Algot., Denver, Colo., assignor to Continental Can Company, Inc., New York, N. Y. Machine for sealing containers. 2,227,171; Dec. 31.
Anderson, Alvin H., Detroit, Mich. Dustpan. 2,219,216; Oct. 22.
Anderson, Alvin P., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Translucent petroleum plastic. 2,202,466; May 21.
Anderson, Alvin P., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Asphalt preparation. 2,223,776; Dec. 3.
Anderson, Alvin P., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Manufacture of asphalt from waxy mineral oils. 2,224,372; Dec. 10.
Anderson, Alvin P., Alton, Ill., assignor to Shell Development Company, San Francisco, Calif. Extraction process. 2,225,396; Dec. 17.
Anderson, Alvin P., and W. K. Nelson, Wood River, Ill., assignors to Shell Development Company, San Francisco, Calif. Bituminous composition. 2,197,461; Apr. 16.
Anderson, Andrew G., et al. (See Caddy, Fred W., assignor.)
Anderson, Anton, Chicago, Ill. Lawn sprinkler. 2,200,017; May 7.
Anderson, Arleigh W., Huntington Park, Calif., assignor to Peabody Engineering Corporation, New York, N. Y. Refractory burner throat. 2,192,682; Mar. 5.
Anderson, Arthur, Ossining, and T. F. Burke, New York, N. Y. Railway car. 2,219,286; Oct. 29.
Anderson, Arthur M., Chicago, Ill. Mop. 2,203,451; June 4.
Anderson, Arthur R., North Arlington, N. J. Shoe tree. 2,191,785; Feb. 27.
Anderson, Arvid E., Drexel Hill, Pa., assignor to General Electric Company. Circuit breaker control system. 2,185,825; Jan. 2.
Anderson, Arvid E., Drexel Hill, Pa., assignor to General Electric Company. System of electric distributors. 2,202,722; May 28.
Anderson, Austin E., assignor to Anderson Milker Co., Inc., Jamestown, N. Y. Portable milking machine. 2,226,087; Dec. 24.
Anderson, Ben F., Shreveport, La., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Glass cutting apparatus. 2,200,975; May 14.
Anderson, Bernadine, executrix. (See Anderson, Howard P.)
Anderson, Bert J., Hammond, Ind. Subframe member for velocipedes. 2,188,561; Jan. 30.
Anderson, Bert J., Hammond, Ind. Combination fork and fender for velocipedes. 2,198,146; Apr. 23.
Anderson, Bert J., Hammond, Ind. Velocipede frame. 2,202,282; May 28.
Anderson-Bolling Mfg. Co. (See Anderson, Carl E., assignor.)
Anderson, Carl. (See Loeb, C., Gilman, and Anderson.)
Anderson, Carl E., East Orange, assignor to Eastern Tool & Mfg. Co., Bloomfield, N. J. Buckle. 2,189,574; Feb. 6.
Anderson, Carl E., assignor to Anderson-Bolling Mfg. Co., Grand Haven, Mich. Door latch. 2,209,551; July 30.
Anderson, Carl G. H., and I. K. Fog, assignors to Sangamo Company Limited, Toronto, Ontario, Canada. Adjustable mounting for electric motors. 2,202,413; May 28.
Anderson, Carl M., Corsicana, Tex., assignor to American Well & Prospecting Company. Reverse clutch. 2,199,582; May 7.
Anderson, Carl M., Corsicana, assignor to American Well & Prospecting Company, Navarro County, Tex. Adjustable engine skid. 2,204,877; June 18.
Anderson, Carl O. (See Abbott, F. C., and Anderson.)
Anderson, Carl R., assignor to The Griswold Manufacturing Company, Erie, Pa. Pipe perforating device. 2,216,288; Oct. 1.
Anderson, Carl T., Darien, Conn. Desk. 2,215,657; Sept. 24.
Anderson, Cecil R., assignor to Martin-Hardsocg Company, Pittsburgh, Pa. Support for mine roofs. 2,210,788; Aug. 6.
Anderson, Charles B., et al. (See Reynolds, Robert E., assignor.)
Anderson, Charles J., Jr., deceased, Jamestown, N. Y.; E. W. Anderson, executrix, assignor to E. W. Carlson. Power transmission. 2,207,496; July 9.
Anderson, Charles M. (See Namur, C. A., and Anderson.)
Anderson, Charles R., Rock Island, Ill. Display case. 2,185,393; Jan. 2.
Anderson, Christ, Ontonagon, Mich. Steering device for skis or coasting devices. 2,220,634; Nov. 5.
Anderson, Christ, assignor of one-third to C. A. Willman and one-third to R. Muskatt, Ontonagon, Mich. Toothpick dispenser. 2,203,765; June 11.
Anderson, Christian L. (See Clark, H. A., Miller, Fowler, Anderson, and Brenner.)
Anderson, Clarence T., Pittsburgh, Pa., assignor to Chicago Development Company, Chicago, Ill. Purification of manganese. 2,221,622; Nov. 12.
Anderson, Clarence T., Pittsburgh, Pa., assignor to Chicago Development Company, Chicago, Ill. Treatment of manganese. 2,221,623; Nov. 12.
Anderson, Clarence T., Pittsburgh, Pa., assignor to Chicago Development Company, Chicago, Ill. Treatment of manganese alloys. 2,221,624; Nov. 12.
Anderson, Clarence T., Pittsburgh, Pa., assignor to Chicago Development Company, Chicago, Ill. Treatment of manganese alloys. 2,221,625; Nov. 12.
Anderson, Clarence T., Pittsburgh, Pa., assignor to Chicago Development Company, Chicago, Ill. Treatment of manganese. 2,221,626; Nov. 12.
Anderson, Clarence T., Pittsburgh, Pa., assignor to Chicago Development Company, Chicago, Ill. Alloys of manganese, chromium, iron, and boron. 2,221,627; Nov. 12.
Anderson, Claude D., Jr., Memphis, Tenn. Valve control. 2,205,512; June 25.
Anderson, Clayton G., Portland, Oreg. Governor for thermostats. 2,224,210; Dec. 10.
Anderson Coach Co. (See Anderson, Rex R., assignor.)
Anderson Company, The. (See Boddy, Leonard, assignor.)
Anderson Company, The. (See Smulski, Theodore J., assignor.)
Anderson, Douglas G. (See Anderson, George P. and D. G.)
Anderson, Dwight M., Cleveland Heights, assignor, by mesne assignments, to The Standard Products Company, Port Clinton, Ohio. Ejecting means for thermoplastic molds. 2,186,160; Jan. 9.
Anderson, Dwight M., Cleveland Heights, assignor, by mesne assignments, to The Standard Products Company, Port Clinton, Ohio. Eliminating the weld line during thermoplastic molding. 2,191,703; Feb. 27.
Anderson, Dwight M., Cleveland Heights, assignor, by mesne assignments, to The Standard Products Company, Port Clinton, Ohio. Molding and ejecting means for threaded articles. 2,217,661; Oct. 15.
Anderson, Dwight M., Cleveland Heights, assignor, by mesne assignments, to The Standard Products Company, Port Clinton, Ohio. Making thermoplastic trim. 2,223,346; Dec. 3.
Anderson, E. H. (See Schultz, Vinton W., assignor.)
Anderson, Earl I., Bayside, Long Island, N. Y., assignor to Radio Corporation of America. Visual signal carrier indicator. 2,194,516; Mar. 26.
Anderson, Earl I., Bayside, and G. Mountjoy, Manhasset, N. Y., assignors to Radio Corporation of America. Interference rejection circuit. 2,204,954; June 18.
Anderson, Edmund B., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Universal joint. 2,204,745; June 18.
Anderson, Edmund E., Pleasant Ridge, assignor to General Motors Corporation, Detroit, Mich. Front fender construction. 2,207,366; July 9.
Anderson, Edward E., Loma Linda, Calif. Machine for forming the bottoms of bags. 2,205,005; June 18.
Anderson, Edward L., assignor to American Blower Corporation, Detroit, Mich. Fan. 2,185,718; Jan. 2.
Anderson, Edward L., assignor to American Blower Corporation, Detroit, Mich. Dust collector. 2,188,547; Jan. 30.
Anderson, Edward L., assignor to American Blower Corporation, Detroit, Mich. Air handling and dust collecting mechanism. 2,219,377; Oct. 29.

Anderson, Edward L., Grosse Ile, assignor to American Blower Corporation, Detroit, Mich. Fan. 2,225,406; Dec. 17.
Anderson, Edward M. (See Dodd, H. D., Anderson, and Parker.)
Anderson, Elmer, Los Angeles, Calif. Arch lift attachment for ice skates. 2,197,170; Apr. 16.
Anderson, Emil E. W., Lidingo, assignor to Svenska Aktiebolaget Gasaccumulator, Stockholm, Sweden. Apparatus for administering anesthesia. 2,225,201; Dec. 17.
Anderson, Eric W. (See Doering, Charles, and H. H., Anderson, and Skoglund.)
Anderson, Ernest E., et al. (See Upton, Richard C., assignor.)
Anderson, Ernest E., Oklahoma City, Okla., assignor to Baash-Ross Tool Company, Los Angeles, Calif. Inside tubing cutter. 2,208,011; July 16.
Anderson, Evald, San Marino, assignor to Western Precipitation Corporation, Los Angeles, Calif. Cleaning of gases. 2,192,172; Mar. 5.
Anderson, Evald, San Marino, assignor to International Precipitation Company, Los Angeles, Calif. Electrical precipitation. 2,199,390; May 7.
Anderson, Evan R., Irvington-on-Hudson, N. Y. Hat manufacture. 2,196,887; Apr. 9.
Anderson, Floyd E., assignor to National Sewing Machine Company, Belvidere, Ill. Sewing machine spooler drive release means. 2,190,760; Feb. 20.
Anderson, Frank A., Chicago, Ill. Tape dispenser and cutter. 2,203,073; June 4.
Anderson, Frank W. (See Stafford, W. K., and Anderson.)
Anderson, Frithiof B., Long Branch, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Feedback amplifier circuit. 2,210,997; Aug. 13.
Anderson, Frithiof B., Long Branch, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Negative feedback amplifier circuit. 2,223,161; Nov. 26.
Anderson, George, Chicago, Ill. Incinerator. 2,208,488; July 16.
Anderson, George A. (See Swift, W. E., and Anderson.)
Anderson, George K., and E. A. Taylor, Pittsburgh, and J. B. Fishel, Oakmont, assignors to The Neville Company, Pittsburgh, Pa. Production of resins from aldehydes and aromatic hydrocarbons. 2,200,762; May 14.
Anderson, George K., and E. A. Taylor, Pittsburgh, and J. B. Fishel, Oakmont, assignors to The Neville Company, Pittsburgh, Pa. Production of aldehyde-aromatic hydrocarbon resins. 2,200,763; May 14.
Anderson, George P. and D. G., assignors to The Standard Computing Scale Company, Detroit, Mich. Food grinder. 2,211,842; Aug. 20.
Anderson, George Y., Jr., and T. Davidson, Milwaukee, and B. L. Lonngren, assignors to Bucyrus-Erie Company, South Milwaukee, Wis. Lock for propelling machinery. 2,188,328; Jan. 30.
Anderson, Gilbert V., Philadelphia, Pa. Temperature compensating device. 2,206,523; July 2.
Anderson, Gilbert V., Philadelphia, Pa. Increasing the range of hydraulic flow. 2,206,524; July 2.
Anderson, Gustaf W., North Quincy, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Envelope machine. 2,213,729; Sept. 3.
Anderson, Gustaf W., North Quincy, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Carton sealing machine. 2,224,716; Dec. 10.
Anderson, Harley E., Chicago, Ill. Brake rigging. 2,187,993; Jan. 23.
Anderson, Harley E., Chicago, Ill., assignor of one-half to W. F. White, Fort Worth, Tex. Car brake. 2,196,242; Apr. 9.
Anderson, Harry. (See Breitbarth, A. H., and Anderson.)
Anderson, Harry E., La Junta, Colo. Force feed lubricator. 2,204,878; June 18.
Anderson, Henry, Swissvale, Pa. Adjuster for hydraulic brakes. 2,193,385; Mar. 12.
Anderson, Hilding K. (See Tuoro, J. B., Van Gorder, and Anderson.)
Anderson, Homer G., Newtonville, assignor to Raytheon Production Corporation, Newton, Mass. Getter tab for vacuum tubes. 2,209,870; July 30.
Anderson, Howard P., deceased, Erie, Pa.; B. Anderson, executrix, Dallas, Tex., assignor to The Standard Stoker Company, Inc., New York, N. Y. Stoker. 2,204,541; June 18.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Apparatus for butt-welding pipes and tubing. 2,196,180; Apr. 9.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Pipe or tube welding. 2,197,961; Apr. 23.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Apparatus for making welded pipes and tubes. 2,197,962; Apr. 23.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Welding apparatus. 2,197,963; Apr. 23.
Anderson, James L., Closter, assignor to Air Reduction Company, Incorporated, New York, N. Y. Apparatus for removal of surface metal from slabs, billets, or the like. 2,200,816; May 14.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Tube welding apparatus. 2,203,319; June 4.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Apparatus and method of forming and welding tubes. 2,203,855; June 11.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Method of welding. 2,209,372; July 30.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Apparatus for welding. 2,209,373; July 30.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Cutting apparatus. 2,211,224; Aug. 13.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Welding. 2,218,570; Oct. 22.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Apparatus for making pipe or tubing. 2,223,438; Dec. 3.
Anderson, James N., North Plainfield, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Tape controlled contact device. 2,195,394; Apr. 2.
Anderson, James W., Jr., assignor to Monarch Governor Company, Detroit, Mich. Governor. 2,209,374; July 30.
Anderson, Jessie V. (See Anderson, Simon and J. V.)
Anderson, John C. A. and A. C. G., assignors to Reliance Elevator Manufacturing Company, Chicago, Ill. Safety and indicating mechanism for elevators. 2,187,390; Jan. 16.
Anderson, John F., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Masking tape. 2,201,877; May 21.
Anderson, John F., Beaumont, Tex., assignor to Sun Oil Company, Philadelphia, Pa. Apparatus for solving seismographic problems. 2,217,720; Oct. 15.
Anderson, John P., Koppel, assignor, by mesne assignments, to Pressed Steel Car Company, Inc., Pittsburgh, Pa. Dump car. 2,189,336; Feb. 6.
Anderson, John P., Crafton, assignor to Pressed Steel Car Company, Inc., Pittsburgh, Pa. Dump car. 2,199,554; May 7.
Anderson, John P., Crafton, assignor to Pressed Steel Car Company, Inc., Pittsburgh, Pa. Car construction. 2,213,456; Sept. 3.
Anderson, John S., Chicago, Ill. Hand scraper. 2,219,436; Oct. 29.
Anderson, John S., Ontario, Oreg. Fruit basket packing device. 2,220,362; Nov. 5.
Anderson, John W., assignor to Productive Inventions, Inc., Gary, Ind. Mirror construction. 2,187,582; Jan. 16.
Anderson, John W., assignor to Productive Inventions Inc., Gary, Ind. Windshield wiper. 2,203,346; June 4.
Anderson, John W., assignor to Productive Inventions, Inc., Gary, Ind. Shipping and display carton. 2,212,630; Aug. 27.
Anderson, Knute G., assignor to J. L. Clark Manufacturing Co., Rockford, Ill. Metallic jar. 2,196,486; Apr. 9.
Anderson, Lawrence C., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Air conditioning system for vehicles. 2,193,839; Mar. 19.
Anderson, Leslie D., Carlsbad, N. Mex., assignor to Potash Company of America. Concentrating ores. Re. 21,566; Sept. 17.
Anderson, Leslie J., Westmont, N. J., assignor to Radio Corporation of America. Public address stabilizing system. 2,189,306; Feb. 6.
Anderson, Lionel G., et al. (See Minor, Claude A., Jr., assignor.)
Anderson, Lloyd, Grand Rapids, Mich., assignor to National Lock Co., Rockford, Ill. Hinge. 2,207,046; July 9.
Anderson, Lloyd L., Grand Rapids, assignor to Winters & Crampton Corporation, Grandville, Mich. Latch. 2,186,795; Jan. 9.
Anderson, Louis W., et al. (See Wallace, William H., assignor.)
Anderson, Louise M., Oak Park, Ill. Attachment for ironing machines. 2,214,114; Sept. 10.
Anderson, Luther E., Jamestown, N. Y. Message device. 2,192,607; Mar. 5.
Anderson, Malcolm G., and E. D. George, Cuyahoga Falls, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Apparatus for processing cord tire fabric. 2,217,607; Oct. 8.
Anderson, Maud L., Aurora, Ill. Hinge. 2,217,937; Oct. 15.
Anderson Milker Co. (See Anderson, Austin E., assignor.)
Anderson, Nels A., Stockton, assignor to Fibreboard Products, Inc., San Francisco, Calif. Making boxes. 2,197,089; Apr. 16.
Anderson, Nelson F., Los Angeles, Calif. Door mechanism. 2,217,852; Oct. 15.
Anderson, Neville R., Sydney, New South Wales, Australia. Expansible means. 2,198,192; Apr. 23.
Anderson, Norman, Duluth, Minn. Power hammer. 2,210,020; Aug. 6.
Anderson, Oscar, Chicago, Ill. Combination bait holder and fishhook. 2,196,376; Apr. 9.

Anderson, Otto, Paulsbo, Wash. Canned oil dispenser. 2,212,704; Aug. 27.
Anderson, Paul T., Park Ridge, and H. L. Moir, assignors to The Pure Oil Company, Chicago, Ill. Soluble cutting oil and preparing the same. 2,211,250; Aug. 13.
Anderson, Philip P., Jr., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,203,074; June 4.
Anderson Products, Inc. (See Ferguson, Warren T. and W. G., assignors.)
Anderson Products, Inc. (See Shoemaker, R. W., and Parks, assignors.)
Anderson, Ralph H., Boston, assignor to Kinney Manufacturing Company, Jamaica Plain, Mass. Motor starting organization and friction disk clutch for the same. 2,198,984; Apr. 30.
Anderson, Ralph L. (See Ohler, A. W., and Anderson.)
Anderson, Ralph L., assignor to Deere & Company, Moline, Ill. Thresher. 2,215,990; Sept. 24.
Anderson, Raymond F. (See Cox, Keith M., assignor.)
Anderson, Raymond T., Berea, assignor to The V. D. Anderson Company, Cleveland, Ohio. Expressing oil from oil bearing materials. 2,216,658; Oct. 1.
Anderson, Rea V., Los Angeles, Calif. Charcoal production apparatus and process. Re. 21,551; Sept. 10.
Anderson, Rex R., assignor to Anderson Coach Co., Inc., Marshall, Mich. Trailer and heating and air conditioning same. 2,225,244; Dec. 17.
Anderson, Rexford O. (See Carson, A. H., and Anderson.)
Anderson, Rexford O., assignor of one-half to A. H. Carson, Oklahoma City, Okla. Hydraulic braking apparatus. 2,219,215; Oct. 22.
Anderson, Rexford O., and A. H. Carson, Oklahoma City, Okla. Hydraulic braking apparatus. 2,185,491; Jan. 2.
Anderson, Robert G., Erie, Pa., assignor to General Electric Company. Railway truck. 2,190,761; Feb. 20.
Anderson, Robert G., Erie, Pa., assignor to General Electric Company. Railway truck. 2,190,762; Feb. 20.
Anderson, Robert G., Erie, Pa., assignor to General Electric Company. Railway truck. 2,190,763; Feb. 20.
Anderson, Robert G., Elmira, N. Y., assignor, by mesne assignments, to Autogiro Company of America. Rotative winged aircraft. 2,217,883; Oct. 15.
Anderson, Robert J., Bloomfield, assignor to The Vorac Company, Newark, N. J. Nail polish. 2,215,898; Sept. 24.
Anderson, Roger, Seattle, Wash. Bone setting splint. 2,185,322; Jan. 2.
Anderson, Roger, Seattle, Wash. Fracture reducing and immobilization splint. 2,200,407; May 14.
Anderson, Russell P., Seattle, Wash. Venetian blind. 2,207,393; July 9.
Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Air conditioning system utilizing refrigeration. 2,193,152; Mar. 12.
Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Air conditioning system. 2,193,153; Mar. 12.
Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Boston, Mass. Air conditioning system utilizing refrigeration. 2,204,114; June 11.
Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Boston, Mass. Air distributor. 2,205,782; June 25.
Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Refrigeration apparatus for air conditioned passenger vehicles. 2,212,579; Aug. 27.
Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Boston, Mass. Air conditioning system. 2,218,190; Oct. 15.
Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Wet bulb thermostat control. 2,219,861; Oct. 29.
Anderson, Simon and J. V., Richmond, Calif. Pruning implement. 2,215,493; Sept. 24.
Anderson, Stanley E., Superior, Wis. Combination accelerator and brake control. 2,200,685; May 14.
Anderson-Stolz Corporation. (See Rick, G. G., and Loetel, assignors.)
Anderson, Sven V., Manoa, Pa. Display card. 2,208,354; July 16.
Anderson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,197,201; Apr. 16.
Anderson, Thomas F., assignor to The Sanymetal Products Company, Cleveland, Ohio. Metal partition. 2,192,173; Mar. 5.
Anderson, Thomas F., assignor to The Sanymetal Products Co., Inc., Cleveland, Ohio. Wall sheathing. 2,209,375; July 30.
Anderson, Ture I., Merced, Calif. Counter chair. 2,203,320; June 4.
Anderson, V. D., Company, The. (See Anderson, Raymond T., assignor.)
Anderson, Victor E., Tacoma, Wash. Patching veneer. 2,189,277; Feb. 6.
Anderson, W. Charles, Linden, Calif. Walnut huller. 2,187,994; Jan. 23.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Paper carriage for accounting machines. 2,185,424; Jan. 2.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Paper handling mechanism for accounting machines. 2,196,487; Apr. 9.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Adjustable paper stop for accounting machines. 2,204,242; June 11.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Paper carriage for accounting machines. 2,204,243; June 11.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Accounting machine. 2,209,217; July 23.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Key for computing and similar machines. 2,210,562; Aug. 6.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Taper holding means for computing machines. 2,214,097; Sept. 10.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Paper guiding and holding mechanism for accounting machines. 2,216,608; Oct. 1.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Paper carriage for accounting machines. 2,226,151; Dec. 24.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Accounting machine. 2,226,960; Dec. 31.
Anderson, William B., West Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. Re. 21,535; Aug. 20.
Anderson, William B., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerator unit mounting. 2,195,804; Apr. 2.
Anderson, William B., West Springfield, and G. E. Hanner, Springfield, Mass., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,215,991; Sept. 24.
Anderson, William C., Bromley, Ky., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Bus bar clamp. 2,218,016; Oct. 15.
Anderson, William C., Bromley, Ky., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Circuit breaker for feeder distribution systems. 2,226,088; Dec. 24.
Anderson, William H. L., M. H. King, and A. W. McElroy, assignors to The Edwin M. Knowles China Company, East Liverpool, Ohio. Pottery-ware processing apparatus. 2,213,426; Sept. 3.
Anderson, William J., and S. S. Rosen, assignors to Protex Industries, Inc., New York, N. Y. Elastic coating. 2,203,274; June 4.
Anderson, William M., assignor to F. J. Kerner and himself, Minneapolis, Minn. Electric toaster. 2,195,637; Apr. 2.
Anderson, William M., assignor to F. J. Kerner and himself, Minneapolis, Minn. Electric toaster. 2,195,638; Apr. 2.
Anderson, William O., Chesley, Ontario, Canada. Automatic light for spectacles. 2,196,543; Apr. 9.
Anderson, William S., Jr., and G. I. Staber, Williamsport, Pa., assignors, by mesne assignments, to Aviation Manufacturing Corporation. Hot air furnace. 2,215,519; Sept. 24.
Andersson, Gustav H., Appelviken, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal separator. 2,197,911; Apr. 23.
Andersson, Gustav H., Broderna Grimms, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal separator. 2,210,054; Aug. 6.
Andersson, Karl, Chicago, Ill. Artificial minnow. 2,223,591; Dec. 3.
Andersson, Nils, assignor to Aktiebolaget Åkerlund & Rausing, Malmo, Sweden. Inking device for printing machines. 2,218,945; Oct. 22.
Andersson, Nore, assignor to Aktiebolaget Götaverken, Goteberg, Sweden. Panel holding construction. 2,208,618; July 23.
Andersson, Per J. E. (See Jordan, L. J., Andersson, and Knebusch.)
Andersson, Per J. E., Lakewood, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Apparatus for handling thread or the like. 2,189,121; Feb. 6.
Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Ice tray. 2,187,141; Jan. 16.
Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,195,293; Mar. 26.
Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Float valve. 2,201,974; May 28.
Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,204,060; June 11.
Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,208,783; July 23.

Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,210,613; Aug. 6.
Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Gas burner. 2,212,312; Aug. 20.
Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Temperature control valve. 2,217,303; Oct. 8.
Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,226,797; Dec. 31.
Anderton, James J., assignor of one-half to A. Elias, Weldon, N. C. Flame-operable switch. 2,219,973; Oct. 29.
Andia, Laurencio A., Boston, Mass., assignor to Compania Industrial Del Caucho, Sociedad Anónima Commercial é Industrial, Buenos Aires, Argentina. Manufacturing rubber soled footwear. 2,202,750; May 28.
Andis, Mathew, Racine, Wis. Hair combing, clipping, and shaving head. 2,195,609; Apr. 2.
Andis, Mathew, Racine, Wis. Shaving device. 2,216,797; Oct. 8.
Andis, Mathew, Racine, Wis. Electric motor assembly. 2,219,552. Oct. 29.
Andis, Matthew G., Jr., Racine, Wis. Shaving device. 2,210,110; Aug. 6.
Andler, Robert F., Rutherford, assignor to Electrol Incorporated, Clifton, N. J. Internal sleeve oil burner. 2,206,070; July 2.
Andler, Robert F., Rutherford, and L. W. Schroeder, Passaic, assignors to Electrol Incorporated, Clifton, N. J. Deflector for close coupled oil burners. 2,197,912; Apr. 23.
Andler, Robert F., Rutherford, N. J., and G. R. Koeln, Atlanta, Ga., assignors to Electrol Incorporated, Clifton, N. J. Preheating oil for oil burners. 2,199,454; May 7.
Andler, Robert F., Rutherford, and L. W. Schroeder, Passaic, assignors to Electrol Incorporated, Clifton, N. J. Deflector for close coupled oil burners. 2,205,456; June 25.
Andre, Armand J. (See French, J. W., Andre, and Teachout.)
Andre, Gustaf E., Richmond, Ind., assignor to Belden Manufacturing Company, Chicago, Ill. Electric connector plug. 2,205,186; June 18.
Andrea, Mary E. (See Andrea, Raymond L. and M. E.)
Andrea, Raymond L. and M. E., Roslindale, Mass. Hair curler. 2,188,028; Jan. 23.
Andreasen, Carl C., Racine, Wis., assignor, by mesne assignments, to Holland-Racine Shoes, Inc. Shoe. 2,222,391; Nov. 19.
Andreatta, Alfons, Berlin, Germany, assignor to General Electric Company. Automatic gain control circuit. 2,208,110; July 16.
Andreatta, Alfons, Berlin-Charlottenburg, assignor to Allgemeine Elektricitats Gesellschaft, Berlin, Germany. Tube amplifier. 2,214,601; Sept. 10.
Andreatta, Alfons, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Combined wired radio and space radio receiving system. 2,215,774; Sept. 24.
Andree, John O. (See Nesbitt, J. M., and Andree.)
Andres, Lloyd J., Chicago, Ill. Remote control device. Re. 21,462; May 28.
Andres, Paul G., assignor to Bowes "Seal-Fast" Corporation, Indianapolis, Ind. Spark plug temperature control. 2,212,725; Aug. 27.
Andres, Robert R., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Latch apparatus. 2,196,049; Apr. 2.
Andres, William A., Bridgeport, and E. W. Johnson, Trumbull, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,193,754; Mar. 12.
Andres, William J. (See Sanford, R. S., and Andres.)
Andresen, Halvor T. H., Oslo, Norway. Machine for making closures. 2,196,619; Apr. 9.
Andrew, Frederick W. (See von Meister, F. W., and Andrew.)
Andrews, Albert, Rapid City, S. Dak. Centrifugal engine governing mechanism. 2,225,383; Dec. 17.
Andrews, Alluwee C. (See Davis, M., Lacy, and Andrews.)
Andrews, Anatol N., Los Angeles, Calif. Fountain pen. 2,217,884; Oct. 15.
Andrews, Arthur E., Hackney, London, and W. F. Johnson, London, assignors to Mentmore Manufacturing Co. Limited, Hackney, London, England. Stylographic pen. 2,189,696; Feb. 6.
Andrews, Augusto J., Pawtucket, R. I. Backless bobbin carrier for braiding machines and the like. 2,214,156; Sept. 10.
Andrews, Charles W., assignor to H. A. Brassert & Company, Chicago, Ill. Apparatus for the production of gas. 2,194,630; Mar. 26.
Andrews, Chester E., Overbrook, and M. R. Fenske, State College, assignors to Röhm & Haas Company, Philadelphia, Pa. Separating hydrocarbon mixtures. 2,201,821; May 21.
Andrews, Chester E., Overbrook, and M. R. Fenske, State College, assignors to Röhm & Haas Company, Philadelphia, Pa. Separating hydrocarbon mixtures. 2,201,822; May 21.
Andrews, Chester E., Overbrook, and M. R. Fenske, State College, assignors to Röhm & Haas Company, Philadelphia, Pa. Treatment of lubricating oils. 2,211,944; Aug. 20.
Andrews, Chester E., Overbrook, and M. R. Fenske, State College, assignors to Röhm & Haas Company, Philadelphia, Pa. Separating hydrocarbon mixtures. 2,220,619; Nov. 5.
Andrews, Christopher, Seattle, Wash. Traffic mirror. 2,208,012; July 16.
Andrews, Donald H., Baltimore, Md., assignor to Research Corporation, New York, N. Y. Method of and apparatus for sensing radiant energy. 2,189,122; Feb. 6.
Andrews, Edward F. (See Smith, Beauford B., assignor.)
Andrews, Edward F., Chicago, Ill. Radio receiver. 2,199,555; May 7.
Andrews, Edward F., Chicago, Ill. Phonograph. 2,207,706; July 16.
Andrews, Edward F., Chicago, Ill. Radio receiver. 2,218,501; Oct. 22.
Andrews, Frank E., assignor of one-fourth to A. Selicovitz, Urbana, Ill. Roller wedge door holder. 2,218,780; Oct. 22.
Andrews, Frank E., Urbana, assignor of one-fourth to J. H. Andrews, Champaign, Ill. Window locking device. 2,226,301; Dec. 24.
Andrews, George E., Ansonia, Conn. Making a commutator. 2,188,423; Jan. 30.
Andrews, Harry L., Jr. (See Beegle, F. M., and Andrews.)
Andrews, Irving B. (See Dow, H. E., and Andrews.)
Andrews, James F. (See Bonyun, M. E., and Andrews.)
Andrews, John H. (See Andrews, Frank E., assignor.)
Andrews, John S., Los Angeles, Calif. Combined automatic and manually controlled safety valve. 2,185,364; Jan. 2.
Andrews, John S., St. Paul, Minn., assignor to General Mills, Inc. Producing vitamin E concentrate. 2,203,400; June 4.
Andrews, Joseph F., Memphis, Tenn. Studio couch. 2,190,819; Feb. 20.
Andrews, Lee. (See Skinner, B. R., and Andrews.)
Andrews, Lewis D., assignor to Stackpole Carbon Company, St. Marys, Pa. Developing apparatus. 2,185,620; Jan. 2.
Andrews, Lionel T. (See Nitardy, F. W., and Andrews.)
Andrews, O. B., Company. (See Turner, William E., assignor.)
Andrews, Paul D., Schenectady, N. Y., assignor to General Electric Company. Transmitter keying system. 2,207,571; July 9.
Andrews, Ray. (See Remington, V. H., and Andrews.)
Andrews, Raynal W., Jr., and E. L. Iverson, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Work-handling mechanism. 2,225,292; Dec. 17.
Andrews Steel Company, The. (See Little, Howard J., assignor.)
Andrews, Thomas C., Richmond, Va. Machine for serial numbering and notching cards. 2,211,310; Aug. 13.
Andrews, Thomas C., Richmond, Va. Preparing material for classifying. 2,213,184; Sept. 3.
Andrews, Willard E., Sycamore, Ill. Brake testing meter. 2,215,992; Sept. 24.
Andrick, Earnest E., Cortland, N. Y. Animal trap. 2,225,251; Dec. 17.
Andrieu, Robert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Oscillograph circuit. 2,196,845; Apr. 9.
Andrieu, Robert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electrodynamic loudspeaker, more especially for television receiver with Braun tube. 2,197,329; Apr. 16.
Andrieu, Robert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Black spot compensation apparatus. 2,202,511; May 28.
Andrieu, Robert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulator circuit. 2,204,061; June 11.
Andrieu, Robert, assignor to Telefunken-Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Sawtooth wave generator. 2,207,529; July 9.
Andrieu, Robert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Circuit arrangement in television receivers. 2,217,396; Oct. 8.
Andrieu, Robert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Saw tool wave generator. 2,221,069; Nov. 12.
Andrieu, Robert, Berlin-Grunewald, and M. Geiger, Berlin-Schoneberg, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Oscillation generator. 2,193,850; Mar. 19.
Andrieu, Robert, and R. Schienemann, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Magnetic coil for deviating cathode rays. 2,227,053; Dec. 31.
Andrieux, Jean L., Grenoble, Isere, assignor to Societe d'Electrochimie, d'Electrometallurgie et des acieries Electriques d'Ugine, Paris, France. Manufacture of complex silicon alloys. 2,194,965; Mar. 26.
Andrus, Orrin E., Altadena, Calif. Water purification. 2,194,781; Mar. 26.

Andrus, Orrin E., assignor to A. O. Smith Corporation, Milwaukee, Wis. Depitching apparatus. 2,196,846; Apr. 9.
Andrus, Orrin E., assignor to A. O. Smith Corporation, Milwaukee, Wis. Lining vessels by electric fusion welding. 2,219,352; Oct. 29.
Andrussow, Leonid, Mannheim, and G. Stein, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Production of alkyl halides. 2,210,563; Aug. 6.
Andrussow, Leonid, Mannheim, and G. Stein, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Production of alkyl halides. 2,210,564; Aug. 6.
Anemostat Corporation. (See Honerkamp, Friedrich, assignor.)
Anemostat Corporation of America. (See Kurth, Franz J., assignor.)
Anetsberger, Frank A., Chicago, Ill. Proof box construction. 2,212,001; Aug. 20.
Angeli, Ilario, Brooklyn, N. Y. Banjo. 2,188,127; Jan. 23.
Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,202,076; May 28.
Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,206,071; July 2.
Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Production of high antiknock gasoline. 2,220,699; Nov. 5.
Angell, Paul M., assignor to Newly Weds Baking Company, Chicago, Ill. Manufacture of composite ice cream cake. 2,214,917; Sept. 17.
Angell, Robert C., Prince Bay, N. Y., assignors to The S. S. White Dental Manufacturing Company. Pulp tester. 2,200,321; May 14.
Angell, Robert C., Prince Bay, N. Y., assignor to The S. S. White Dental Manufacturing Company. Dental equipment assemblage. 2,214,316; Sept. 10.
Angier, Edward H., assignor to E. H. Angier, as trustee, Framingham, Mass. Building material. 2,192,810; Mar. 5.
Angier, Edward H., trustee. (See Angier, Edward H., assignor.)
Anglada, Domingo, New York, assignor to Wolf Safety Lamp Company of America, Inc., Brooklyn, N. Y. Acetylene lamp and the like. 2,214,546; Sept. 10.
Angle, Leonard, Troy, N. Y. Sanding device. 2,188,238; Jan. 23.
Angle, Philip E., Sharon, Pa. Installing inserts in flues of hot blast stoves. 2,197,674; Apr. 16.
Anglim, Francis M., New Rochelle, N. Y. Flower holder. 2,206,933; July 9.
Anglo California National Bank of San Francisco, The. (See Rey, Henri D., assignor.)
Angst, Paul J., Los Angeles, Calif. Astrological game. 2,193,896; Mar. 19.
Anibal, Benjamin H. (See Rosevear, William B., Jr., assignor.)
Anibal, Benjamin H., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Spring suspension. 2,207,367; July 9.
Anigraphic Process, Inc. (See Knaggs, Donald W., assignor.)
Animal Tongue Protector, Inc. (See Gunderson, Reuben J., assignor.)
Animal Trap Company of America. (See Graybill, Hershey R., assignor.)
Animal Trap Company of America. (See Hannold, John R., assignor.)
Animal Trap Company of America. (See Lehn, John U., assignor.)
Animal Trap Company of America. (See Lehn, J. U., and Drach, assignors.)
Animal Trap Company of America. (See Van Cleve, H., and Graybill, assignors.)
Animal Trap Company of America. (See Zahm, Joseph D., assignor.)
Animatagraph Corporation Limited. (See Musaphia, Georges, assignor.)
Anke, Rudolph, West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Selective thread feeding mechanism for knitting machines. Re. 21,436; Apr. 30.
Ankeney, Edward G. (See Ryland, O. C., and Ankeney.)
Anker Werke A.-G. (See Aurbach, Kurt, assignor.)
Anker-Werke, A. G. (See Bölter, W., and Theenhausen, assignors.)
Anklam, Charles W., assignor to C. M. Hall Lamp Company, Detroit, Mich. Head lamp. 2,218,326; Oct. 15.
Anklam, Charles W., assignor to C. M. Hall Lamp Company, Detroit, Mich. Lamp. 2,225,816; Dec. 24.
Anné, Charles T. (See Mangelsodorf, T. A., Anné, and Wilson.)
Anné, Charles T., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Removal of asphalt from hydrocarbon oil. 2,213,798; Sept. 3.
Anné, Charles T., H. I. Wilson, and W. C. Patterson, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Treatment of naphthene base oil. 2,221,161; Nov. 12.
Annen, James E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Container. 2,208,065; July 16.
Annen, Robert, assignor to the firm Roulements a Billes Miniatures S. A., Bienne, Switzerland. Machining method of the races of ball bearings. 2,223,799; Dec. 3.
Annich, Milton E., Mahwah, N. J., assignor to The American Brake Shoe and Foundry Company, New York, N. Y. Mold for and method of producing solid metallic balls. 2,209,502; July 30.
Annin & Co. (See Chandler, Digby W., assignor.)
Annin, Douglas H., Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Combustion control system. 2,197,171; Apr. 16.
Ansbacher, Stefan, Sidney, and G. E. Flanigan and G. C. Supplee, Bainbridge, assignors to The Borden Company, New York, N. Y. Concentration and isolation of water-soluble vitamins. 2,186,314; Jan. 9.
Anschicks, Rudolph J., assignor to Protectoseal Company of America, Inc., Chicago, Ill. Connecting cleat for structural elements. 2,189,159; Feb. 6.
Anschutz & Co. G. m. b. H. (See Bode, R., and von Petery, assignors.)
Anschütz & Co. G. m. b. H. (See Seligmann, Johannes, assignor.)
Ansel, Harry R., Cleveland, Ohio. Antiskid device. 2,190,142; Feb. 13.
Ansley Corporation, The. (See Riechers, Herbert F., assignor.)
Ansley, J. W. (See McRae, George H., assignor.)
Anstrom, A. (See Lundstrom, Carl G., assignor.)
Ansul Chemical Company. (See Ehman, P. J., and Walker, assignors.)
Antcliff, Claud S., Salem, Ark., assignor to M. L. Antcliff and said C. S. Antcliff, as joint tenants. Needle. 2,221,419; Nov. 12.
Antcliff, Myrtle L., et al. (See Antcliff, Claud S., assignor.)
Anthes, Eugen. (See Pier, M., and Anthes.)
Anthes Foundry Limited. (See Anthes, L. L., Ellis, and Pallister, assignors.)
Anthes, Lawrence L., F. E. Ellis, and G. E. Pallister, assignors to Anthes Foundry Limited, Toronto, Ontario, Canada. Heating furnace. 2,185,365; Jan. 2.
Anthony Company. (See Anthony, William C.)
Anthony, Herman R. C., Madison, Wis., assignor to Ray-O-Vac Company. Interlocking electrical coupler. 2,197,780; Apr. 23.
Anthony, Herman R. C., Madison, Wis., assignor to Ray-O-Vac Company. Leakproof dry cell. 2,198,423; Apr. 23.
Anthony, John E. (See Baker, D. B., and Anthony.)
Anthony, John K. (See Palm, J. V. O., Anthony, and Wilkey.)
Anthony, Joseph, Hamilton, Ontario, Canada. Automatic dating device for cameras. 2,226,364; Dec. 24.
Anthony, Leon P., assignor of one-half to M. A. Reynolds, Los Angeles, Calif. Internal combustion engine. 2,217,721; Oct. 15.
Anthony, Paul L., Pelham Manor, N. Y., and L. E. Croy, Neenah, assignors to Marathon Paper Mills Company, Rothschild, Wis. Display carton. 2,226,089; Dec. 24.
Anthony, William C., assignor to Anthony Company, Inc., Streator, Ill. Pickup and dumping vehicle. 2,189,052; Feb. 6.
Anthracite Industries, Inc. (See Johnson, A. J., and Staley, assignors.)
Anthracite Separator Company. (See Pardee, Frank, assignor.
Antinori, Amilio, Elmwood Park, Ill. Display device. 2,193,154; Mar. 12.
Antofilli, Giovanni B., et al. (See Walsh, Thomas J., assignor.)
Antoine, Vernon F., Opportunity, Wash. Articulated bus. 2,193,155; Mar. 12.
Antoine, Vernon F., Anaconda, Mont. Articulated vehicle construction. 2,193,156; Mar. 12.
Anton, Clarence. (See Nordby, Peter J., assignor.)
Anton, Ernst. (See Neresheimer, H., Honold, Stein, Schubert, and Anton.)
Anton, Frederick A., Topeka, Kans. Center support for roller awnings. 2,220,311; Nov. 5.
Anton, Percival J. (See Knaus, N., and Anton.)
Antonelli, Joseph A. (See Kosatka, T. O., and Antonelli.)
Antonidis, John E., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Automatic choke. 2,209,218; July 23.
Antonsen, Anker K., Cedar Falls, Iowa, assignor to Fairbanks, Morse & Co., Chicago, Ill. Power plant and engine arrangement. 2,213,682; Sept. 3.
Antonsen, Anker K., assignor to John Deere Tractor Company, Waterloo, Iowa. Fuel system for internal combustion engines. 2,222,274; Nov. 19.
Antonson, Arvid T., Detroit, Mich. Stopper for thermos bottles. 2,199,732; May 7.
Antranikian, Haig, New York, N. Y. Resistance and impedance measuring device. 2,188,588; Jan. 30.
Antrim, Charles H., and C. H. Teesdale, assignors to Teesdale Manufacturing Company, Grand Rapids, Mich. Pump. 2,193,504; Mar. 12.
Antrim, Louis C., New York, N. Y., assignor to Autographic Register Company, Hoboken, N. J. Coating a transfer device. 2,213,644; Sept. 3.
Antrim, Louis C., New York, N. Y., assignor to Autographic Register Company, Hoboken, N. J. Manifolding. 2,213,645; Sept. 3.
Anzalone, Samuel V., Watertown, N. Y. Cooking utensil. 2,188,563; Jan. 30.

Aoyagi, Suesaburo. Hilo, Hawaii. Massaging device. 2,203,976; June 11.
Apco Mossberg Company. (See Storrie, William, assignor.)
Apel, Carl H. (See Crawford, D. A., McKinnon, and Apel.)
Apex Electrical Manufacturing Company, The. (See Holland, Sidney S., assignor.)
Apex Electrical Manufacturing Company, The. (See Mader, John J., assignor.)
Apex Electrical Manufacturing Company, The. (See McCabe, John J., assignor.)
Apex Electrical Manufacturing Company, The. (See McCabe, J. J., and Frantz, assignors.)
Apex Electrical Manufacturing Company. (See Racklyeft, John W., assignor.)
Apex Railway Products Company. (See Delanty, Thomas W., assignor.)
Apex Railway Products Co. (See Doherty, Edward T., assignor.)
Apex Tool & Cutter Company, The. (See Severson, Ole, assignor.)
Apex Tool & Cutter Company, The. (See Sheridan, Henry M., assignor.)
Apfelbaum, Herman, Brooklyn, assignor to A. Maskow, New York, N. Y. Cosmetic wiper. 2,204,947; June 18.
Apgar, Charles W., and A. L. Rosenfeld, assignors to Seaboard Container Corporation, Philadelphia, Pa. Collapsible fireplace unit. 2,219,507; Oct. 29.
Apotheker, Carl. (See Bonhôte, G., and Apotheker.)
App, Frank, Bridgeton, N. J. Insecticidal and fungicidal oil. 2,221,772; Nov. 19.
Appel, Frank J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of methyl borate. 2,217,354; Oct. 8.
Appel, Harry C., Great Kills, Staten Island, N. Y., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Double eyelet socket. 2,187,296; Jan. 16.
Appel, Oscar J., Paterson, N. J. Heating system. 2,224,946; Dec. 17.
Apple, Bessie D. (See Cotterman, Frederick W., assignor.)
Applebaum, Samuel B., assignor to The Permutit Company, New York, N. Y. Water deaerator and purifier. 2,204,062; June 11.
Appleby, Peter W., Odessa, Tex. Well washing device. 2,212,491; Aug. 27.
Appleford Paper Products, Ltd. (See Lawson, Albert R., assignor.)
Applegate, George B., Pennsville, N. J. Support and opener for fluid dispensing containers. 2,210,789; Aug. 6.
Appleman, Wilbur R., assignor to Marathon Electric Manufacturing Corporation, Wausau, Wis. Electric motor. 2,198,360; Apr. 23.
Appleman, Wilbur R., assignor to Marathon Electric Manufacturing Corporation, Wausau, Wis. Electric motor. 2,226,700; Dec. 31.
Appleton, Arthur I., Northbrook, Ill. Signal and indicator for record sheets. 2,210,746; Aug. 6.
Appleton, Arthur I., Chicago, Ill., assignor to Appleton Electric Company. Grounding device for connection boxes. 2,197,737; Apr. 16.
Appleton, Arthur I., Chicago, Ill., assignor to Appleton Electric Company. Multiple-chambered explosionproof box and fitting. 2,208,558; July 23.
Appleton, Arthur I., Chicago, Ill., assignor to Appleton Electric Company. Explosionproof switch box or the like. 2,225,945; Dec. 24.
Appleton Electric Company. (See Appleton, Arthur I., assignor.)
Appleton Electric Company. (See Tornblom, Nils A., assignor.)
Appleton Electric Company. (See Tornblom, N. A., and Meyer, assignors.)
Appleton, Joseph H. (See Stone, A. L., Rice, and Appleton.)
Appleton, Joseph H. (See Stone, A. L., Tytus, and Appleton.)
Appleton Wire Works, Inc. (See Buchanan, William E., assignor.)
Applied Arts Corporation. (See De Boer, R. F., Gillisse, and Flora, assignors.)
Applied Mechanics Co., The. (See Rudolf, Henry J. G., assignor.)
Applied Sugar Laboratories, Inc. (See Bodenheim, F. A., and Heath, assignors.)
Apponaug Company, The. (See Farnworth, E., and Wood, assignors.)
Aprea, Aniello and E. Williams, Minneapolis, Minn. Adjustable speed limiting device for automobiles. 2,186,620; Jan. 9.
Arado Flugzeugwerke Gesellschaft mit beschrankter Haftung. (See Blume, Walter, assignor.)
Arado Flugzeugwerke Gesellschaft mit beschrankter Haftung. (See Rebeski, Hans, assignor.)
Arado Flugzeugwerke Gesellschaft mit beschrankter Haftung. (See Rethel, Walter, assignor.)
Arado Flugzeugwerke Gesellschaft mit beschränkter Haftung. (See Rethel, W., Laute, and Mühlberg, assignors.)
Arado Flugzeugwerke Gesellschaft mit beschrankter Haftung. (See van Nes, Wilhelm, assignor.)
Araujo, Armando, Merrick, N. Y. Computing scale. 2,190,640; Feb. 20.
Arberry, James E., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Writing surface. 2,202,682; May 28.
Arbios, Harry, et al. (See Darling, Louis H., assignor.)
Arbogast, Alfred C., assignor to Northern Indiana Brass Company, Elkhart, Ind. Timing mechanism. 2,185,394; Jan. 2.
Arbogast, Alfred C., assignor to Northern Indiana Brass Company, Elkhart, Ind. Valve. 2,195,069; Mar. 26.
Arbogast, Alfred C., assignor to Northern Indiana Brass Company, Elkhart, Ind. Forming hollow metal members. 2,200,664; May 14.
Arbogast, Fred A., Akron, Ohio. Artificial fish bait. 2,207,425; July 9.
Arbogast, Fred A., Akron, Ohio. Machine for making fringe. 2,217,977; Oct. 15.
Arbuckle, S. F., Corporation. (See Arbuckle, Samuel F., assignor.)
Arbuckle, Samuel F., Highland Park, deceased; H. B. Scott and G. Colter, administrators, assignors to S. F. Arbuckle Corporation, Detroit, Mich. Reflecting element. 2,202,306; May 28.
Arbuckle, Samuel F., Highland Park, assignor to S. F. Arbuckle Corporation, Detroit, Mich. Brake mechanism. 2,211,043; Aug. 13.
Arbuckle, Samuel F., G. H. Coulter, and C. E. Godley, Highland Park, assignors to United Lens Corporation, Detroit, Mich. Signaling system for automotive vehicles. 2,186,000; Jan. 9.
Arbuckle, Samuel F., deceased, by H. B. Scott, administratrix, and G. H. Coulter, administrator, and G. H. Coulter, assignors to United Lens Corporation, Detroit, Mich. Lamp. 2,205,642; June 25.
Arcadia Hosiery Co. (Se Weisbecker, Frank G., assignor.)
Archbold-Hagner Instrument Laboratory. (See Hagner, Frederick H., assignor.)
Archbold-Hagner Instrument Laboratory, Inc. (See Hagner, Frederick H., assignor.)
Archer, Arthur A., Pittsburgh, and R. E. Zimmerman, Midway, assignors to Pittsburgh Coal Carbonization Company, Pittsburgh, Pa. Cooling low temperature coke. 2,199,945; May 7.
Archer-Daniels-Midland Company. (See Sorensen, S. O., and Konen, assignors.)
Archer, Edward G., Rome, Ga., assignor to Tubize Chatillon Corporation. Whorl mechanism for cap spinning machines. 2,208,742; July 23.
Archer, Edward N., Inglewood, Calif. Fowl-stuffing retainer. 2,202,512; May 28.
Archer, Garland W., Greenwood, Miss., assignor to Supreme Instruments Corporation. Electrical testing. 2,189,457; Feb. 6.
Archer, Harmon W., Fort Smith, Ark. Glass cutting machine. 2,202,751; May 28.
Archibald, Francis M., Elizabeth, N. J., assignor to Standard Oil Development Company. Purification of oil soluble sulphonate. 2,214,037; Sept. 10.
Archibald, Francis M., Elizabeth, and H. G. Schneider, Roselle, N. J., assignors to Standard Alcohol Company. Ethers from reactive acid liquor. 2,216,931; Oct. 8.
Archibald, Nevin A., Concord, N. C. Game apparatus. 2,192,283; Mar. 5.
Archibald, Peter K. (See Montgomerie, J. A., and Archibald.)
Arcturus Development Company. (See Feindel, Abbott, assignor.)
Arcturus Development Company. (See Horn, Clarence A., assignor.)
Arcturus Development Company. (See Stahl, Charles E., assignor.)
Arden, Elizabeth, Sales Corporation. (See Lewis, Florence N., assignor.)
Arden, Thomas T., Greensburg, Pa., assignor to American Thermometer Company, St. Louis, Mo. Oven thermometer. 2,193,851; Mar. 19.
Arden, Thomas T., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermoelectric safety valve and switch. 2,207,771; July 16.
Ardern, Arthur T., Auckland, New Zealand. Buoyancy device. 2,223,880; Dec. 3.
Ardito, William, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,225,678; Dec. 24.
Ardrey, Otis R., Jefferson City, Mo. Meat grinder. 2,200,786; May 14.
Arelt, Charles, Richmond Hill, N. Y., assignor to American Machine & Foundry Company. Cigarette paper feed. 2,208,504; July 16.
Arens, Charles A., Chicago, Ill. Control mechanism. 2,195,400; Apr. 2.
Arens, Hans, Dessau, and K. van Briessen, Leipzig, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Apparatus for intensification of weak radiations. 2,225,439; Dec. 17.
Arens, Joseph P., Oak Park, and R. W. Janda, Berwyn, Ill., assignors to Ceco Steel Products Corporation, Omaha, Nebr. Making expanded metal products. 2,215,658; Sept. 24.
Arentzen, Einar M., assignor, by mesne assignments, to Joy Manufacturing Company, Franklin, Pa. Mining and loading machine. 2,216,177; Oct. 1.

Aresee Company Inc. (See Chandler, D. L., and Ewing, assignors.)
Aresee Company Inc. (See Ewing, G. W., and Chandler, assignors.)
Aresee Company Inc. (See Ewing, G. W., Chandler, and Walker, assignors.)
Arey, Fred C. (See Hibner, De Los E., Jr., and Arey.)
Arey, Fred C., Oak Park, Ill., assignor to Vulcan Soot Blower Corporation. Conveying apparatus. 2,207,675; July 9.
Arey, Fred C., Oak Park, Ill., assignor to Vulcan Soot Blower Corporation. Apparatus for cleaning cylinder heads or the like. 2,225,946; Dec. 24.
Arey, Fred C., Oak Park, Ill., and De L. E. Hibner, Jr., Du Bois, Pa., assignors to Vulcan Soot Blower Corporation. Cleaning motor blocks. 2,216,698; Oct. 1.
Arey, Gordon C., Fort Thomas, Ky. Making safety inner tubes for pneumatic tire casings. 2,190,202; Feb. 13.
Arey, Gordon C., Indian Hill, Ohio. Tube for pneumatic tire casings. 2,207,212; July 9.
Arey, Ralph G., Swampscott, Mass., assignor to General Electric Company. Self-starting synchronous motor. 2,214,850; Sept. 17.
Argabrite, George M., deceased, by M. M. Walker, executrix, formerly M. M. Argabrite, Cheyenne, Wyo., and F. S. Stout and J. E. Leach, Camden, N. J.; M. M. Walker assignor to W. H. Argabrite, Des Plaines, Ill. Apparatus for drying leather. 2,197,776; Apr. 23.
Argabrite, Wesley H. (See Argabrite, G. M., Stout, and Leach.)
Argco Tube and Television Corporation. (See Alexander, Focsaneanu, assignor.)
Argue, John E., Seattle, Wash. Dental contourlator. 2,216,307; Oct. 1.
Argus Manufacturing Corporation. (See Hugus, Neil C., assignor.)
Ariail, Ralph E., Summit, Ill., assignor to Corn Products Refining Company, New York, N. Y. Carton. 2,210,872; Aug. 13.
Ariens, Mando S., Brillion, Wis. Transmission. 2,220,197; Nov. 5.
Arioli, Domenic, Revere, Mass. Mop. 2,194,214; Mar. 19.
Aristoc Limited. (See Williams, Harold E., assignor.)
Arkansas Company. (See Schuttig, Charles L., assignor.)
Arkansas Fuel Oil Company. (See Crittenden, Butler P., assignor.)
Arkema, Harold P. (See Blount, H., and Arkema.)
Arm, Frederick E., Brooklyn, assignor of one-half to M. Mastowski, New York, N. Y. Hose and pipe coupler. 2,204,392; June 11.
Armacost, Wilbur H., Scarsdale, assignor to The Superheater Company, New York, N. Y. Combined radiant and convection superheater. 2,213,185; Sept. 3.
Armacost, Wilbur H., assignor to The Superheater Company, New York, N. Y. Superheater. 2,223,199; Nov. 26.
Armand, Joseph, Paris, France. Machine for sharpening the points of twist drills or the like. 2,199,773; May 7.
Armbrust Chain Company. (See Hess, William F., assignor.)
Armbruster, William, New York, N. Y. Combined washer and drier. 2,200,870; May 14.
Armentrout, A. L., et al. (See Ford, Keith, assignor.)
Armentrout, Arthur L. (See Hall, E. B., and Armentrout.)
Armentrout, Arthur L., Los Angeles, assignor of one-third to E. B. Hall and one-third to V. P. Baker. Handling well casings. 2,188,589; Jan. 30.
Armington, Arthur P., deceased, Willoughby, Ohio; K. S. Armington, executrix. Vehicle body. 2,191,445; Feb. 27.
Armington, Arthur P., Willoughby, Ohio, deceased, K. S. Armington, executrix, assignor to The Euclid Road Machinery Company, Euclid, Ohio. Yieldable mount means. 2,202,940; June 4.
Armington, Katherine S., executrix. (See Armington, Arthur P.)
Armington, Stewart F., Willoughby, assignor to The Euclid Road Machinery Company, Euclid, Ohio. Dump vehicle body mounting. 2,222,698; Nov. 26.
Armington, Stewart F., Willoughby, and V. L. Snow, assignors to The Euclid Road Machinery Company, Euclid, Ohio. Road vehicle driving axle. 2,222,697; Nov. 26.
Armistead, George, Jr., Scarsdale, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Treatment of hydrocarbon oil. 2,216,683; Oct. 1.
Armistead, George, Jr., Scarsdale, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Motor fuel production. 2,218,017; Oct. 15.
Armistead, Hubert M. (See Jacobs, H. A., and Armistead.)
Armistead, Hubert M., San Francisco, Calif. Apparatus for the drying of the hair. 2,190,168; Feb. 13.
Armitage, Evrard L. (See Gravenor, J., and Armitage.)
Armitage, Joseph A., Caulfield, Victoria, Australia. Lubricator for internal combustion engines. 2,223,881; Dec. 3.
Armitage, Joseph B. (See Kearney, E. J., and Armitage.)
Armitage, Joseph B. (See Pohl, W. M., and Armitage.)
Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Machine tool transmission and control mechanism. 2,198,102; Apr. 23.
Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Machine tool. 2,215,684; Sept. 24.
Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Milling machine attachment supporting apparatus. 2,217,938; Oct. 15.
Armitt, William S., Hanover, Pa. Ribbon roll container. 2,217,397; Oct. 8.
Armor, Horace F., Fairfield, and P. A. Beck, Bridgeport, Conn.; said Armor assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sealing tape. 2,208,619; July 23.
Armour and Company. (See Bradshaw, Sidney B., assignor.)
Armour and Company. (See Conquest, V., and Turner, assignors.)
Armour and Company. (See Littlefield, Verne D., assignor.)
Armour and Company. (See Littlefield, V. D., and Fishcher, assignors.)
Armour and Company. (See Pool, W. O., and Harwood, assignors.)
Armour and Company. (See Potts, R. H., and McKee, assignors.)
Armour and Company. (See Ralston, Anderson W., assignor.)
Armour and Company. (See Ralston, A. W., and Conquest, assignors.)
Armour and Company. (See Ralston, A. W., Harwood, and Hopkins, assignors.)
Armour and Company. (See Ralston, A. W., and Hoffman, assignors.)
Armour and Company. (See Ralston, A. W., Pool, and Harwood, assignors.)
Armour and Company. (See Ralston, A. W., and Vander Wal, assignors.)
Armour and Company. (See Ralston, A. W., Vander Wal, and Bauer, assignors.)
Armour and Company. (See Ralston, A. W., Vander Wal, and Segebrecht, assignors.)
Arms, Merton H. (See Johnson, J. B., and Arms.)
Arms, Merton H., J. B. Johnson, and A. Turner, assignors to Bryant Chucking Grinder Company, Springfield, Vt. Work feeding mechanism. 2,191,930; Feb. 27.
Arms, Ray W. (See Rakowsky, V., and Arms.)
Arms, Ray W. (See Rakowsky, V., Arms, and Holt.)
Armstrong, Adam E., Three Rivers, Mich. Moisture control system for paper drying machines. 2,208,784; July 23.
Armstrong, Adam E., Three Rivers, Mich. Valve operating mechanism. 2,208,785; July 23.
Armstrong Bros. Tool Co. (See Rhinevault, Harry A., assignor.)
Armstrong Bros. Tool Co. (See Welter, Sebastian J., assignor.)
Armstrong, Charles L., assignor of forty per cent to C. A. Oliveros, Houston, Tex. Decoy. 2,222,996; Nov. 26.
Armstrong Cork Company. (See Almy, Richard, assignor.)
Armstrong Cork Company. (See Clark, R. R., and Swarr, assignors.)
Armstrong Cork Company. (See Du Bois, David I., assignor.)
Armstrong Cork Company. (See Herr, B. F., and Bassett, assignors.)
Armstrong Cork Company. (See Herrold, Walter W., assignor.)
Armstrong Cork Company. (See Hoffman, Earl E., assignor.)
Armstrong Cork Company. (See Kelley, Stephen J., assignor.)
Armstrong Cork Company. (See Snodgrass, Henry W., assignor.)
Armstrong Cork Company. (See Straus, Harry H., assignor.)
Armstrong Cork Company. (See Thomas, Harry, assignor.)
Armstrong, David, Bradenton, Fla., assignor to Mueller Co., Decatur, Ill. Tool for inserting or removing corporation stops. 2,212,972; Aug. 27.
Armstrong, Edwin H., New York, N. Y. Frequency modulation signaling system. Re. 21,660; Dec. 17.
Armstrong, Edwin H., New York, N. Y. Radio transmitting system. 2,203,712; June 11.
Armstrong, Edwin H., New York, N. Y. Frequency modulation signaling system. 2,215,284; Sept. 17.
Armstrong, Francis W., assignor to The Garlock Packing Company, Palmyra, N. Y. Gasket, gasket-centering means, and assembly thereof. 2,196,582; Apr. 9.
Armstrong, Frank H., Chicago, Ill., assignor to Cardox Corporation. Blasting device. 2,212,891; Aug. 27.
Armstrong, Frank S., Youngwood, Pa. Automobile jack. 2,188,698; Jan. 30.
Armstrong, Fred S., River Forest, assignor to Jefferson Electric Company, Bellwood, Ill. Mercury switch. 2,202,569; May 28.
Armstrong, Fullerton G. G., assignor to The Armstrong's Patents Company Limited, Beverley, England. Hydraulic shock absorber. 2,206,800; July 2.

Armstrong, George C., Wilkinsburg, and D. Ellis, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical contactor. 2,200,070; May 7.

Armstrong, George C., Wilkinsburg, and D. Ellis, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Coil support for electromagnets. 2,205,234; June 18.

Armstrong, George H., Hempstead, N. Y. Gasoline turbine. 2,188,128; Jan. 23.

Armstrong, George J., Seminole, Okla. Snatch block. 2,206,442; July 2.

Armstrong, Henry W., Short Beach, assignor to Scovill Manufacturing Company, New Haven, Conn. Vanity box or case. 2,217,149; Oct. 8.

Armstrong, Herbert E., Jr., McDonogh, Md., assignor to J. M. Stoll, Luray, Va. Game. 2,223,981; Dec. 3.

Armstrong, Hudson. (See Krause, Paul, assignor.)

Armstrong, Hugh, Maryville, Mo. Seed harvester. 2,204,115; June 11.

Armstrong, Jesse N. (See Dunnan, Richard A., assignor.)

Armstrong, John, Bayonne, N. J. Golf ball holder. 2,219,732; Oct. 29.

Armstrong Machine Works. (See Rea, Thomas H., assignor.)

Armstrong, Norval H., and R. M. Marr, assignors of one-fourth to said N. H. Armstrong, three-eighths to said R. M. Marr, one-fourth to A. A. Alexander, and one-eighth to Alexander & Marr, Seminole, Okla. Stuffing box. 2,218,839; Oct. 22.

Armstrong, Paul H., Orange, N. J. Attachment for hand operation of foot brakes and the like. 2,185,170; Jan. 2.

Armstrong, Percy A. E., Westport, Conn. Corrosion resistant steel article comprising silicon and columbium. 2,225,730; Dec. 24.

Armstrong, Robert, Ridgefield, N. J. Tube renovation. 2,200,528; May 14.

Armstrong, Victor C., Short Hills, N. J., assignor to Poor & Company, New York, N. Y. Spike. 2,209,552; July 30.

Armstrong Whitworth Securities Company Limited. (See (Cornish, A. H., assignor), and Kadenacy.)

Armstrong Whitworth Securities Company. (See Kadenacy, Michel, assignor.)

Armstrong, William A., et al. (See Myers, Harry A., assignor.)

Armstrong's Patents Company Limited, The. (See Armstrong, Fullerton G. G., assignor.)

Armytage, Frederick W., Knottingley, England. Paddle for operating in the forehearths of glass furnaces. 2,220,635; Nov. 5.

Arndt, Charles, Los Angeles, Calif. Separator. 2,201,282; May 21.

Arndt, Ellis, et al. (See Hall, Harry G., assignor.)

Arndt, Ernest A., assignor to Wincharger Corporation, Sioux City, Iowa. Braking mechanism for wind driven generators. 2,199,234; Apr. 30.

Arndt, Franklin E., Galion, Ohio, assignor to The Galion Iron Works and Manufacturing Company. Road grader. 2,196,967; Apr. 16.

Arndt, Franklin E., Galion, Ohio, assignor to The Galion Iron Works and Manufacturing Company. Road grader. 2,197,390; Apr. 16.

Arndt, Franklin E., Galion, Ohio, assignor to The Galion Iron Works & Manufacturing Company. Road grader. 2,205,588; June 25.

Arnesen, Charlotte A., Chicago, Ill. Container. 2,196,181; Apr. 9.

Arnesen, Charlotte A., Chicago, Ill. Opening cans. 2,196,182; Apr. 9.

Arnesen, Ove H. (See Arnesen, William A. and O. H.)

Arnesen, Walter A. (See Posner, Charles, assignor.)

Arnesen, Walter A., New York, N. Y. Cautery electrode illuminating device. 2,196,171; Apr. 9.

Arnesen, Walter A., New York, N. Y. Cautery handle. 2,200,322; May 14.

Arnesen, William A. and O. H., St. Paul, Minn. Depth finder and fishing bobber. 2,208,240; July 16.

Arneson, Edwin L., Morris, Ill. Bottle holder. 2,222,211; Nov. 19.

Arnett, James I. (See Wardwell, G. W., Jr., and Arnett.)

Arnold, August, Brussels, Belgium, assignor to General Electric Company. Protective arrangement. 2,191,334; Feb. 20.

Arnold, Carl, Nuremberg, Germany. Mechanical toy vehicle. 2,208,176; July 16.

Arnold, Clara W., Cleveland, Ohio. Curtain and drapery support. 2,190,764; Feb. 20.

Arnold, Clarence L., assignor of one-half to W. G. Schreiber, Leavenworth, Kans. Heating plant. 2,212,534; Aug. 27.

Arnold, De Witt R., Evanston, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Railway car floor. 2,186,567; Jan. 9.

Arnold, Edwin E. (See Lingal, H. J., and Arnold.)

Arnold, Edwin E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bushing. 2,189,621; Feb. 6.

Arnold, Edwin E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reciprocating hydraulic motor. 2,200,071; May 7.

Arnold, Edwin E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Clutch for airplane generators. 2,214,602; Sept. 10.

Arnold, Edwin E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Magnetically operated disk-type brake. 2,217,464; Oct. 8.

Arnold, Edwin E., Pittsburgh, and R. S. Elberty, Jr., Waynesboro, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Valve operator. 2,205,235; June 18.

Arnold, Edwin E., Pittsburgh, and A. A. Currie, Verona, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,216,427; Oct. 1.

Arnold, Edwin E., Pittsburgh, Pa., and W. J. Russell, Mansfield, Ohio, assignors to Westinghouse Electric Manufacturing Company, East Pittsburgh, Pa. Flatiron. 2,222,192; Nov. 19.

Arnold, Ernest F., Toronto, Ontario, Canada. Denture brush. 2,206,542; July 2.

Arnold, George, Shaker Heights, assignor to Cleveland Frog & Crossing Co., Cleveland, Ohio. Rail brace. 2,223,865; Dec. 3.

Arnold, George A. (See Williams, L. W., and Arnold.)

Arnold, George A., Chatham, assignor to Motor Improvements, Inc., Newark, N. J. Filter. 2,196,821; Apr. 9.

Arnold, George A., Chatham, assignor to Motor Improvements, Inc., Newark, N. J. Filter-unit forming machine. 2,226,961; Dec. 31.

Arnold, George C., Cleveland, Ohio. Sterilizing cabinet. 2,225,817; Dec. 24.

Arnold, George H., Babylon, N. Y. Safety control device for gas governors. 2,221,564; Nov. 12.

Arnold, Gerald D., Wauwatosa, Wis. Centrifugal separator. 2,222,930; Nov. 26.

Arnold, Harold G. (See Crawford, A. K., and Arnold.)

Arnold, Harry M., Douglas, Wyo. Superheated steam engine. 2,194,000; Mar. 19.

Arnold, Herrick R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preserving the catalytic activity of a metallic nickel hydrogenation catalyst. 2,205,552; June 25.

Arnold, Herrick R., and W. A. Lazier, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of nitriles. 2,200,734; May 14.

Arnold, Hewett R., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,205,236; June 18.

Arnold, John C., West Los Angeles, assignor to Loew's Incorporated, Culver City, Calif. Camera truck. 2,211,088; Aug. 13.

Arnold, Louis E., assignor to The George Evans Corporation, Moline, Ill. Antipulsator. 2,224,130; Dec. 10.

Arnold, Luther B., Jr. (See Lenher, S., and Arnold.)

Arnold Print Works. (See de Goencz, D., Tarnuzzer, and Stockwell, assignors.)

Arnold, Robert B., Stonewall Courts, Va., assignor to Tobacco By-Products and Chemical Corporation, Louisville, Ky. Insecticide and making the same. 2,219,287; Oct. 29.

Arnold, Robert B., Stonewall Courts, Va., assignor to Tobacco By-Products and Chemical Corporation, Louisville, Ky. Method and apparatus for distributing parasiticides. 2,222,598; Nov. 26.

Arnold, Schwinn & Company. (See Olson, Phillip W., assignor.)

Arnold, William G., Shaunavon, Saskatchewan, Canada. Automatic paste tube closure. 2,185,323; Jan. 2.

Arnold, William H., Laramie, Wyo. Hay rake. 2,212,973; Aug. 27.

Arnone, Vincent, Brooklyn, N. Y. Candlewick. 2,189,412; Feb. 6.

Aro Equipment Corporation, The. (See Ginter, Charles W., assignor.)

Aro Equipment Corporation, The. (See Shaff, Ernest H., assignor.)

Aron Electricity Meter Limited. (See Riordan, Edward J., assignor.)

Aron, Manfred. (See Bernhard, A., Beyrich, and Aron.)

Aronov, Philip. (See Golden, L. J., and Aronov.)

Aronow, Albert M., Los Angeles, assignor of one-fifth to C. A. Miketta, Beverly Hills, Calif. Continuous process for making adipic acid. 2,191,786; Feb. 27.

Aronson, Peter R. (See Bryce, C. K., and Aronson.)

Aronson, Peter R., Millburn, N. J., assignor to Oxweld Acetylene Company. Mandrel assembly. 2,186,088; Jan. 9.

Aronson, Peter R., Millburn, N. J., assignor to Oxweld Acetylene Company. Swaging blowpipe nozzles. 2,217,193; Oct. 8.

Aronson, Peter R., Millburn, N. J., assignor to Oxweld Acetylene Company. Drilling fixture. 2,225,426; Dec. 17.

Arquint, Hans, Sursee, Switzerland, and O. Kiesel, Munich, Germany. Safety device for gas conductors. 2,187,768; Jan. 23.

Arras, George, Chicago, Ill. Electric fixture. 2,199,905; May 7.

Arrow-Hart & Hegeman Electric Company, The. (See Bentley, Robert H., assignor.)

Arrow-Hart & Hegeman Electric Company, The. (See Gates, Frederic P., assignor.)

Arrow-Hart & Hegeman Electric Company, The. (See Johnson, David W., assignor.)
Arrow-Hart & Hegeman Electric Company, The. (See Seubert, William F., assignor.)
Arrow Match Corporation. (See Foster, G., and Manxi, assignors.)
Arscott, William H. (See Halford, F. B., and Arscott.)
Art Metal Construction Company. (See Finch, Raymond C., assignor.)
Art Metal Construction Company. (See Jones, James R., assignor.)
Art Metal Construction Company. (See Jones, J. R., and Elofson, assignors.)
Art Metal Construction Company. (See Jones, J. R., Gronberg, and Hultberg, assignors.)
Art Metal Works, Inc. (See Branstetter, Donald W., assignor.)
Art Metal Works, Inc. (See McGall, Philip K., assignor.)
Art Metal Works, Inc. (See Meyer, Frederick, assignor.)
Art Novelty Manufacturing Company. (See Eyman, Frank H., assignor.)
Art Steel Company. (See Bergman, Ed., assignor.)
Art Wire & Stamping Co. (See Wiberg, Peter E., assignor.)
Artcraft Silk Hosiery Mills, Inc. (See Garrett, Joseph E., assignor.)
Arter, Marshall, East Peoria, Ill. Heating apparatus. 2,203,187; June 4.
Arthur, Furman C., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Bronze powder and producing the same. 2,193,663; Mar. 12.
Arthur, James H., Providence, R. I., assignor to Rau Fastener Company. Making a resilient stud engaging member. 2,212,361; Aug. 20.
Arthur, James H., Providence, R. I., assignor to Rau Fastener Company. Slide closure. 2,212,362; Aug. 20.
Arthur, James L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition distributor 2,187,070; Jan. 16.
Arthur, James L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition timer. 2,202,077; May 28.
Arthur, James L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition distributor. 2,207,368; July 9.
Arthur, Oscar F., and F. Schulle, Pueblo, Colo. Railroad tie plate and spike. 2,208,489; July 16.
Artini, Vespasiano, Solvay, N. Y. Extensible fire ladder. 2,198,071; Apr. 23.
Artis, Edward J., Caldwell, Idaho. Vacuum cap for chimneys. 2,191,948; Feb. 27.
Artkraft Sign Company, The. (See Dunkelberger, L. A., and Bowsher, assignors.)
Artographic Incorporated. (See Durup, Paul H., assignor.)
Artographic Incorporated. (See Durup, P. H., and Ormond, assignors.)
Artzt, Maurice, Haddonfield, N. J., assignor to Radio Corporation of America. Compensation amplifier system. 2,199,192; Apr. 30.
Artzt, Walter, and E. Lesavoy, Allentown, Pa. Plait-knitted fabric. 2,201,980; May 28.
Artographic Incorporated. (See Ormond, John J., assignor.)
Artographic Incorporated. (See Ormond, J. J., and Durup, assignors.)
Arutunoff, Armais, assignor to Reda Pump Company, Bartlesville, Okla. Gang file. 2,189,659; Feb. 6.
Arutunoff, Armais, assignor to Reda Pump Company, Bartlesville, Okla. Method and apparatus for straightening housings. 2,205,783; June 25.
Arutunoff, Armais, assignor to Reda Pump Company, Bartlesville, Okla. Method and apparatus for straightening housings. 2,205,784; June 25.
Arutunoff, Armais, assignor to Reda Pump Company, Bartlesville, Okla. Making electric cables. 2,218,979; Oct. 22.
Arveson, Maurice H. (See Plummer, W. B., and Arveson.)
Arveson, Maurice H. (See Seeley, C. H., and Arveson.)
Arveson, Maurice H., assignor to Standard Oil Company, Chicago, Ill. Chlorinated synthetic resin. 2,213,331; Sept. 3.
Arveson, Maurice H., assignor to Standard Oil Company, Chicago, Ill. Converson of hydrocarbon oils and gases. 2,222,060; Nov. 19.
Arvin, Marion J., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Control shaft. 2,197,140, Apr. 16.
Asbridge, Edmund M. (See Berg, E. W., and Asbridge.)
Asbridge, Harry H., Ashton-on-Mersey, assignor to The Churchill Machine Tool Company, Limited, Broadheath near Altrincham, England. Spindle bearing. 2,225,761; Dec. 24.
Aschaffenburger Zellstoffwerke Aktiengesellschaft. (See Steinschneider, M., and Knopf, assignors.)
Aschenbach, Emerson L., Sellersville, and B. McClelland, Perkasie, Pa., assignors to United States Gauge Company, New York, N. Y. Concealed trap for internal siphon gauge. 2,224,333; Dec. 10.
Aschenbrenner, Michael. (See Jahrstorfer, M., and Aschenbrenner.)
Asder, John K. (See Hamilton, J. W., and Asder.)
Asensio, Gabriel J. (See Cooper, James B., assignor.)
Ash, Charles S., Milford, Mich. Dual wheel vehicle brake. 2,192,023; Feb. 27.
Ash, Charles S., Milford, Mich. Dual wheel vehicle. 2,194,199; Mar. 19.
Ash, Charles S., Milford, Mich. Dual wheel vehicle. 2,206,216; July 2.
Ash, Charles S., Milford, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,196,718; Apr. 9.
Ash, Charles S., Milford, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Road vehicle wheel. 2,213,265; Sept. 3.
Ash Products Corporation. (See Ross, Frederick N., assignor.)
Ashaway Line & Twine Manufacturing Company. (See Crandall, Julian T., assignor.)
Ashbrook, Elmer J., Mankins, Tex. Bottom hole well plug. 2,207,448; July 9.
Ashburn, Adolph T. (See Christiansen, Frederic A., assignor.)
Ashburn, Harry V. (See Conary, R. E., and Ashburn.)
Ashburn, Harry V., Glenham, and W. G. Alsop, Fishkill, assignors to The Texas Company, New York, N. Y. Lubricating oil. 2,221,162; Nov. 12.
Ashburn, Harry V., and R. E. Conary, Beacon, and P. S. Stutsman, Fishkill, assignors to The Texas Company, New York, N. Y. Lubricating oil. 2,226,543; Dec. 31.
Ashburn, Roby G., and J. D. Lewis, Mount Airy, N. C. Hydraulic transmission. 2,187,552; Jan. 16.
Ashby, Carl T., and R. B. Hayne, Evansville, Ind., assignors to Servel, Inc., New York, N. Y. Draft control. 2,221,750; Nov. 19.
Ashby, Gerald K. (See Buffington, R. M., and Ashby.)
Ashby, William L., et al. (See Obreiter, J. W., assignor.)
Ashcraft, Ernest G., Los Angeles, Calif. Twin arc lamp. 2,200,483; May 14.
Ashcroft, Donald G., Saltcoats, Scotland, assignor to Imperial Chemical Industries, Limited. Method of and apparatus for the production of coiled hanks of wire. 2,189,557; Feb. 6.
Ashe, Marselius T., Garden City, N. Y. Closure device. 2,215,076; Sept. 17.
Ashel, Chester P., Appleton, Wis., assignor to The L. S. Starrett Company, Athol, Mass. Hook rule. 2,199,235; Apr. 30.
Ashendorf, William, Brooklyn, N. Y. Handle replacement for valve stems. 2,191,304; Feb. 20.
Ashenfelder, J. E., et al. (See Emmons, Elias S., assignor.)
Asher, Graham, assignor of one-half to F. E. Hoecker, Kansas City, Mo. Electrocardiographic machine attachment. 2,210,565; Aug. 6.
Ashland, Jack H., Augusta, Kans., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Pump governor. 2,193,705; Mar. 12.
Ashley, Carlyle M., assignor to Carrier Corporation, Syracuse, N. Y. Air conditioning method and apparatus. 2,200,945; May 14.
Ashley, Carlyle M., assignor to Carrier Corporation, Syracuse, N. Y. Air conditioning method. 2,203,560; June 4.
Ashley, Carlyle M., Syracuse, N. Y., assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Outlet. 2,206,995; July 9.
Ashley, Carlyle M., Syracuse, assignor to Carrier Corporation, Syracuse, N. Y. Air conditioning method and apparatus. 2,208,443; July 16.
Ashley, Carlyle M., Maplewood, assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Refrigerating apparatus. 2,218,596; Oct. 22.
Ashley, Carlyle M., Summit, and S. F. Shawhan, Maplewood, assignors, by mesne assignments, to Carrier Corporation, Newark, N. J. Air conditioning method and apparatus. 2,218,597; Oct. 22.
Ashley, Edwin O., assignor to Avery Farm Machinery Company, Peoria, Ill. Tractor. 2,209,804; July 30.
Ashley, John W. (See Henthorn, J. J., and Ashley.)
Ashley, Julius N. (See Ewins, A. J., and Ashley.)
Ashley, Kenneth D., Darien, Conn., and C. B. Clark, Scarsdale, N. Y., assignors to American Cyanamid Company, New York, N. Y. Preparation of lead cyanamide. 2,213,440; Sept. 3.
Ashley, Kenneth D., Darien, Conn., and C. B. Clark, Scarsdale, assignors to American Cyanamid Company, New York, N. Y. Preparing lead cyanamide. 2,213,441; Sept. 3.
Ashley, Robert L., assignor to Greenfield Tap and Die Corporation, Greenfield, Mass. Tool chuck. 2,193,615; Mar. 12.
Ashlock, George W., Jr., Oakland, Calif. Article loading device. 2,190,970; Feb. 20.
Ashlock, George W., Jr., Oakland, Calif. Fruit pitter. 2,209,305; July 30.
Ashlock, George W., Jr., Oakland, Calif. Fruit pitting machine. 2,212,892; Aug. 27.
Ashlock, George W., Jr., Oakland, Calif. Fruit straightening device. 2,213,893; Sept. 3.
Ashlock, George W., Jr., Oakland, Calif. Cherry stoner. 2,219,832; Oct. 29.
Ashman, Herbert H., and H. G. Barrett, Saskatoon, Saskatchewan, Canada. Hair waving appliance. 2,216,798; Oct. 8.
Ashmore, Leon H., Collingswood, N. J. Writing pen. 2,213,033; Aug. 27.

Ashmore, Leon H., Collingswood, N. J. Penholder. 2,222,599; Nov. 26.
Ashmore, Leon H., Collingswood, N. J., assignor to The Esterbrook Steel Pen Manufacturing Co., Camden, N. J. Manufacture of pens or pen points. 2,226,542; Dec. 31.
Ashmore, Le Roy, Houston, Tex. Fire extinguishing equipment. 2,205,710; June 25.
Ashtabula Bow Socket Company. (See Karsikas, Arvid, assignor.)
Ashton, Albert, assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Hydraulic clutch. 2,197,063; Apr. 16.
Ashton, Charles H., Boulder Junction, Wis. Garage door latch. 2,216,335; Oct. 1.
Ashton, Douglas W., assignor to J. O. Ker, Ottawa, Ontario, Canada. Car seal. 2,208,717; July 23.
Ashton, Ernest, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Nibbling machine. 2,211,044; Aug. 13.
Ashton, Gladys B., Kansas City, Mo. Flexible, transparent covering and windshield. 2,193,469; Mar. 12.
Ashton, Philip E., assignor to The Cuno Engineering Corporation, Meriden, Conn. Cigar lighter. 2,203,662; June 11.
Ashton, Philip E., assignor to The Cuno Engineering Corporation, Meriden, Conn. Electric cigar lighter. 2,223,654; Dec. 3.
Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe sewing machine. 2,192,166; Mar. 5.
Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Moccasin lasting machine. 2,193,796; Mar. 19.
Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe sewing machine. 2,208,566; July 23.
Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Sewing machine. 2,221,320; Nov. 12.
Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe sewing machine. 2,222,972; Nov. 26.
Ashworth, Fred N., Somerville, Mass. Fastener. 2,204,561; June 18.
Ashworth, Harry E. (See Lazich, B., and Ashworth.)
Ashworth, Harry E. (See Staples, E. E., and Ashworth.)
Ashworth, Harry E., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,203,888; June 11.
Ashworth, James E., Butler, Pa., assignor to The American Rolling Mill Company, Middletown, Ohio. Tight coiler for metal strip and method of coiling. 2,196,091; Apr. 2.
Asimow, Morris, and F. E. Mooney, Gary, Ind. Apparatus for casting metallic ingots. 2,211,361; Aug. 13.
Askania Regulator Company. (See Ziebolz, Herbert, assignor.)
Askania Regulator Company. (See Ziebolz, H., and Velten, assignors.)
Askania-Werke A. G. (See Achtel, G., Schilling, and Misch, assignors.)
Askania-Werke A. G. (See Blasig, Kurt, assignor.)
Askania-Werke A. G. (See Heinisch, Paul, assignor.)
Askania-Werke A. G. (See Hoffmann, A., and Zoller.)
Askania-Werke A. G. (See Neuhaus, Gustav, assignor.)
Askania-Werke A. G. (See Schnittger, Wilhelm, assignor.)
Askania-Werke A. G. (See Scriba, Ludwig, assignor.)
Askania-Werke A. G. (See von den Steinen, Carl, assignor.)
Askania-Werke A. G. (See von Manteuffel, Gert Z., assignor.)
Askania-Werke A. G. (See Wünsch, Guido, assignor.)
Askania-Werke A. G. (See Wurr, Carl, assignor.)
Askania-Werke A. G. (See Ziebolz, Herbert, assignor.)
Askania-Werke A. G. vormals Centralwerkstatt und Carl Bamberg-Friedenau. (See von Manteuffel, Gert Z., assignor.)
Askania-Werke A. G. vormals Centralwerkstatt-Dessau und Carl Bamberg-Friedenau. (See Baumann, Hellmut, assignor.)
Askania-Werke A. G. Vormals Central Werkstatt Dessau und Carl Bamberg-Friedenau. (See Rheinlander, Paul, assignor.)
Askania-Werke A. G. Vormals Central Werkstatt Dessau und Carl Bamberg-Friedenau. (See Wünsch, G., and Schuppert, assignors.)
Askeris, Bert, Kenosha, Wis. Miscellaneous load handling carriage. 2,219,609; Oct. 29.
Askin, Joseph, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Oil cooler. 2,223,655; Dec. 3.
Asmussen, John, Laurel, Md. Valve reseater. 2,219,063; Oct. 22.
Asnes, Benjamin, assignor to Dennison Manufacturing Company, Framingham, Mass. Decalcomania transfer. 2,216,289; Oct. 1.
Aspden, Ernest W., Blackpool, England. Pump. 2,203,646; June 4.
Asper, Kaare O., Honolulu, Hawaii, assignor to Pressed Steel Car Company, Inc., Pittsburgh, Pa. Cane car. 2,211,683; Aug. 13.
Asselin, Arthur N., Fall River, Mass. Flush tank valve. 2,206,996; July 9.

Assmuth, Joseph, and J. A. Mullen, assignors to Fordham University, New York, N. Y. Mitosis model. 2,218,078; Oct. 15.
Associated Attleboro Manufacturers, Inc. (See Stenberg, Knut E. B., assignor.)
Associated Designers, Inc. (See Jackson, James R., assignor.)
Associated Electric Laboratories, Inc. (See Bakker, Pier, assignor.)
Associated Electric Laboratories, Inc. (See Bellamy, J. I., Nelson, and Obergfell, assignors.)
Associated Electric Laboratories, Inc. (See Boswau, Hans P., assignor.)
Associated Electric Laboratories, Inc. (See Cox, Irvin W., assignor.)
Associated Electric Laboratories, Inc. (See Crocker, Thomas F., assignor.)
Associated Electric Laboratories, Inc. (See Evers, Harry G., assignor.)
Associated Electric Laboratories, Inc. (See Geitgey, Irvin, assignor.)
Associated Electric Laboratories, Inc. (See Giannini, Gabriel M., assignor.)
Associated Electric Laboratories, Inc. (See Gienger, Fred, assignor.)
Associated Electric Laboratories, Inc. (See Griffins, Morris E., assignor.)
Associated Electric Laboratories, Inc. (See Hadfield, Bertram M., assignor.)
Associated Electric Laboratories, Inc. (See Herrick, Roswell H., assignor.)
Associated Electric Laboratories, Inc. (See Herrick, R. H., and Gilman, assignors.)
Associated Electric Laboratories, Inc. (See Kessler, Frank, assignor.)
Associated Electric Laboratories, Inc. (See Lomax, Clarence E., assignor.)
Associated Electric Laboratories, Inc. (See Lomax, C. E., and Bakker, assignors.)
Associated Electric Laboratories, Inc. (See Lomax, C. E., and Ffolliott, assignors.)
Associated Electric Laboratories, Inc. (See Lomax, C. E., and Martin, assignors.)
Associated Electric Laboratories, Inc. (See Lomax, C. E., and Sengebusch, assignors.)
Associated Electric Laboratories, Inc. (See Mahoney, H. P., and Lomax, assignors.)
Associated Electric Laboratories, Inc. (See Morton, Floyd, assignor.)
Associated Electric Laboratories, Inc. (See Obergfell, Herbert F., assignor.)
Associated Electric Laboratories, Inc. (See Ostline, John E., assignor.)
Associated Electric Laboratories, Inc. (See Peterson, Edward S., assignor.)
Associated Electric Laboratories, Inc. (See Pye, Harold C., assignor.)
Associated Electric Laboratories, Inc. (See Robinson, H. C., Bellamy, and Nelson, assignors.)
Associated Electric Laboratories, Inc. (See Robinson, H. C., Johnston, Nelson, and Clare, assignors.)
Associated Electric Laboratories, Inc. (See Sengebusch, Hans, assignor.)
Associated Electric Laboratories, Inc. (See Steinhoff, John, R., assignor.)
Associated Electric Laboratories, Inc. (See Voss, John H., assignor.)
Associated Electric Laboratories, Inc. (See Wicks, John, assignor.)
Associated Electric Laboratories, Inc. (See Willis, Bernard D., assignor.)
Associated Electric Laboratories, Inc. (See Woodruff, Albert E., assignor.)
Associated Electric Laboratories, Inc. (See Wright, Carl O., assignor.)
Associated Patentees, Inc. (See Borton, Alwyn E., assignor.)
Associated Patentees, Inc. (See Koch, Frederick, assignor.)
Associated Patents, Inc. (See Sizer, Harold S., assignor.)
Associated Press. (See Biele, Harry M., assignor.)
Associated Press, The. (See Carlson, Harold, assignor.)
Associated Press, The. (See Vega, Paul E., assignor.)
Associated Spring Corporation. (See Border, James D., assignor.)
Associated Telephone & Telegraph Company. (See Baker, George T., assignor.)
Associated Telephone & Telegraph Company. (See Beale, Charles E., assignor.)
Associated Telephone & Telegraph Company. (See Beale, C. E., and Richards, assignors.)
Associated Telephone & Telegraph Company. (See Beale, C. E., Richards, and Pearce, assignors.)
Associated Telephone & Telegraph Company. (See Mackenzie, John F., assignor.)
Associated Telephone & Telegraph Company. (See McClew, J. W., and Pearce, assignors.)
Associated Telephone and Telegraph Company. (See McClew, J. W., and Woodland, assignors.)
Associated Telephone & Telegraph Company. (See Pearce, Owen A., assignor.)
Associated Telephone and Telegraph Company. (See Roseby, Philip N., assignor.)
Associated Telephone & Telegraph Company. (See Saville, Willie, assignor.)

Associated Telephone & Telegraph Company. (See Saville, W., and Williams, assignors.)
Associated Telephone & Telegraph Company. (See Saxby, Robert N., assignor.)
Associated Telephone & Telegraph Company. (See Stehlik, Rudolph F., assignor.)
Associated Telephone & Telegraph Company. (See Taylor, R., and Baker, assignors.)
Associated Telephone and Telegraph Company. (See Taylor, R., Baker, and Gillings, assignors.)
Associated Telephone & Telegraph Company. (See Terroni, Teseo B. D., assignor.)
Associated Telephone & Telegraph Company. (See Wright, Denis, assignor.)
Association of American Railroads. (See Cooper, L. H., and Nightingale, assignors.)
Association of American Railroads. (See Mussey, William H.)
Association of American Railroads. (See Nightingale, William J.)
Association of American Soap and Glycerine Producers, Inc. (See Lenth, C. W., and Du Puis, assignors.)
Astatic Microphone Laboratory, Inc. (See Chorpening, Creed M., assignor.)
Astatic Microphone Laboratory, Inc. (See Malat, Frank J., assignor.)
Aste, Anthony L., assignor to Griffin Manufacturing Company, Inc., Brooklyn, N. Y. Carton. 2,205,332; June 18.
Astin, Allen V. (See Curtiss, L. F., and Astin.)
Astin, Allen V. (See Peters, Melville F., and Astin.)
Astin, Allen V. (See Peters, M. F., and Astin.)
Astle, Percy T., Haven, Kans. Kite. 2,208,786; July 23.
Astle, William. (See Feldmeier, H., and Astle.)
Astle, William, Chicago, Ill. Heat transfer apparatus. 2,197,118; Apr. 16.
Astle, William, Chicago, Ill. Gasketed plate. 2,203,123; June 4.
Astle, William, Chicago, Ill. Plate heat exchanger. 2,221,937; Nov. 19.
Astley, William F., Cicero, assignor to Union Asbestos & Rubber Company, Chicago, Ill. Machine for making insulation. 2,191,875; Feb. 27.
Astley, William F., Cicero, assignor to Union Asbestos & Rubber Company, Chicago, Ill. Heat insulating materials. 2,193,546; Mar. 12.
Åstradsson, Per A., Lidingo, assignor to Svenska Aktiebolaget Gasaccumulator, Stockholm, Sweden. Fuel combustion. 2,216,178; Oct. 1.
Astrom, Carl P., East Orange, N. J., assignor to M. H. Treadwell Co., Inc., New York, N. Y. Ladle. 2,205,940; June 25.
Astrove, Joseph, assignor to Tidy Products Corporation, New York, N. Y. Infant's garment. 2,215,951; Sept. 24.
Astrup Company, The. (See Heiser, Henry C., assignor.)
Aswad, Joseph T., Albany, N. Y. Centering gauge for stonework. 2,226,302; Dec. 24.
Atchison, Byron L., Kanopolis, Kans. Scissors. 2,195,353; Mar. 26.
Atchison, Leonard W., Schenectady, N. Y., assignor to General Electric Company. Refrigerator. 2,219,833; Oct. 29.
Atchison, Leonard W., and J. L. Fletcher, Schenectady, N. Y., assignors to General Electric Company. Fan and orifice assembly. 2,217,608; Oct. 8.
Atherley, Percy H., San Anselmo, Calif. Roofing square. 2,193,793; Mar. 19.
Athletic Shoe Company, The. (See Shapiro, Isadore, assignor.)
Athy, Clifford R., assignor to International-Stacey Corporation, Columbus, Ohio. Emergency control apparatus for well pumping and drilling mechanism. 2,199,583; May 7.
Athy, Clifford R., assignor to International-Stacey Corporation, Columbus, Ohio. Chain mechanism for connecting pump rods with walking beams. 2,211,965; Aug. 20.
Athy, Clifford R., Columbus, Ohio, assignor to The Pure Oil Company, Chicago, Ill. Drilling bit. 2,215,494; Sept. 24.
Athy, Clifford R., and R. C. Pfeil, assignors to International-Stacey Corporation, Columbus, Ohio. Counterbalancing device. 2,218,967; Oct. 22.
Athy, Lawrence F., and H. R. Prescott, assignors to Continental Oil Company, Ponca City, Okla. Logging bore holes. 2,199,367; Apr. 30.
Athy, Lawrence F., and H. R. Prescott, assignors to Continental Oil Company, Ponca City, Okla. Electrical logging. 2,207,280; July 9.
Athy, Lawrence F., and H. R. Prescott, assignors to Continental Oil Company, Ponca City, Okla. Seismic method of logging boreholes. 2,207,281; July 9.
Athy, Lawrence F., and E. V. McCollum, assignors to Continental Oil Company, Ponca City, Okla. Method and apparatus for seismic surveying. 2,219,508; Oct. 29.
Atkin, Lawrence. (See Schultz, A. S., and Atkin.)
Atkins, E. C., and Company. (See Gommel, Dewey E., assignor.)
Atkins, Edward G., Jackson, Mich. Carburetor. 2,210,055; Aug. 6.
Atkins, George T., Barnesboro, Pa. Safety reel for blasting cables. 2,205,056; June 18.
Atkins, George T., Jr., Highlands, Tex., assignor to Standard Oil Development Company. Solvent extraction operation. 2,216,932; Oct. 8.
Atkins, George T., Jr., Highlands, Tex., assignor to Standard Oil Development Company. Solvent treating process. 2,216,933; Otc. 8.
Atkins, Glenn M. (See Matthews, I. C., and Atkins.)
Atkins, Harold J., Pocoima, and S. B. Bennett, San Fernando, assignors to C. C. Goodson and J. F. Fischbeck, Los Angeles, Calif. Hydraulic drive and control device. 2,201,878; May 21.
Atkins, Harry C. (See Davis, W. G., and Atkins.)
Atkins, Paul M., Montclair, N. J. Book. 2,213,662; Sept. 3.
Atkins, Thomas J., East Orange, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Repass air conditioning system. 2,198,449; Apr. 23.
Atkinson, Flavius W. (See Slayter, G., Atkinson, and Fletcher.)
Atkinson, Flavius W. (See Thomas, J. H., Fletcher, and Atkinson.)
Atkinson, Henry T., Oakland, Calif. Power transmitting apparatus. 2,199,867; May 7.
Atkinson, Herbert S., East Orange, N. J., assignor to The Hayward Company, New York, N. Y. Grab bucket. 2,188,672; Jan. 30.
Atkinson, Jerome T., Winnetka, Ill. Adjustable bedspring. 2,225,895; Dec. 24.
Atkinson, Ralph W., Westfield, N. J., assignor to General Cable Corporation, New York, N. Y. Electric cable. 2,197,544; Apr. 16.
Atkinson, Ralph W., Perth Amboy, N. J., assignor to General Cable Corporation, New York, N. Y. Method and apparatus for measuring eccentricity in tubular conductors. 2,200,827; May 14.
Atkinson, Spencer R., Pasadena, Calif., assignor to Research Corporation, New York, N. Y. Orthodontic appliance and producing the same. 2,196,515; Apr. 9.
Atkinson, Spencer R., Pasadena, Calif., assignor to Research Corporation, New York, N. Y. Orthodontic appliance and producing the same. 2,196,516; Apr. 9.
Atkinson, Truman L., Ludington, Mich. Adjustable window ventilator. 2,197,233; Apr. 16.
Atkinson, Truman L., Ludington, Mich. Window screen construction. 2,207,213; July 9.
Atkinson, William B., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Gasket material. 2,196,407; Apr. 9.
Atlanta Utility Works. (See Thomason, Ernest K., assignor.)
Atlantic Coast Fisheries Company, The. (See Rue, Harold E., assignor.)
Atlantic Coast Fisheries Company, The. (See Savrda, Charles M., assignor.)
Atlantic Coast Fisheries Company, The. (See Taylor, Harden F., assignor.)
Atlantic Rayon Corporation. (See Little, R., Fraim, and Tholl, assignors.)
Atlantic Refining Company, The. (See Aldinger, W. W., and Hall, assignors.)
Atlantic Refining Company, The. (See Boyd, James H., Jr., assignor.)
Atlantic Refining Company, The. (See Griesinger, William K., assignor.)
Atlantic Refining Company, The. (See Hershberger, Arthur B., assignor.)
Atlantic Refining Company, The. (See Johnson, James W., assignor.)
Atlantic Refining Company, The. (See Lipkin, David, assignor.)
Atlantic Refining Company, The. (See Marks, E. M., and Johnson, assignors.)
Atlantic Refining Company, The. (See Panagiotákos, Paul C., assignor.)
Atlantic Refining Company, The. (See Roberts, Oscar L., assignor.)
Atlantic Refining Company, The. (See Schreiber, William, assignor.)
Atlantic Refining Company, The. (See Thompson, Kenneth M., assignor.)
Atlantic Service Company. (See Williams, Clarence R., assignor.)
Atlantic Research Associates, Inc. (See Atwood, Francis C., assignor.)
Atlantic Stamping Company. (See Dowling, Martin J., assignor.)
Atlantic Zinc Works, Inc. (See Ruzicka, John, assignor.)
Atlas Bolt & Screw Company, The. (See Schellentrager, Eugene W., assignor.)
Atlas Floor Surfacing Machinery Corporation. (See Okun, Nathaniel N., assignor.)
Atlas Mineral Products Company, The. (See Payne, Claron R., assignor.)
Atlas-Ometer Co. (See Jameson, Clarence W., assignor.)
Atlas Powder Company. (See Bremer, Clarence, assignor.)
Atlas Powder Company. (See Bucy, Edmond H., assignor.)
Atlas Powder Company. (See Large, S. B., and Rolland, assignors.)
Atlas Shoe Products Corporation. (See Shrager, H., and Shinberg, assignors.)
Atlas Valve Company. (See Davis, Verner F., assignor.)

Atlee, Zed J., Chicago, Ill., assignor to General Electric X-Ray Corporation. Rotatable anode X-ray tube. 2,185,826; Jan. 2.

Attari, Hatim. (See Rendle, Valdemar, assignor.)

Attarian, Sarkis T., Brooklyn, N. Y. Hook attaching device and spreader. 2,196,620; Apr. 9.

Attenhofer, Adolf, Zurich, Switzerland. Ski binding. 2,192,066; Feb. 27.

Attman, Myer, Philadelphia, Pa., assignor of one-fourth to M. Hershson, New York, N. Y. Woman's garment. 2,211,966; Aug. 20.

Attwood, John G., assignor to Battelle Memorial Institute, Columbus, Ohio. Method and apparatus for separating solid materials from a liquid suspension. 2,193,706; Mar. 12.

Atwater, Henry, Worcester, Mass. Formation of corrugated webs. 2,193,052; Mar. 12.

Atwater, Henry, Worcester, Mass. Manufacture of stay tapes. 2,193,053; Mar. 12.

Atwater, Jack M., New York, N. Y. Automobile body construction. 2,191,269; Feb. 20.

Atwater, Karl W., Pittsburgh, Pa. Automatic lubrication device. 2,204,171; June 11.

Atwell, Harold V., White Plains, assignor to Process Management Company, Inc., New York, N. Y. Production of motor fuel. 2,187,696; Jan. 16.

Atwell, Harold V., White Plains, assignor to Process Management Company, Inc., New York, N. Y. Conversion of hydrocarbons. 2,188,638; Jan. 30.

Atwell, Harold V., White Plains, assignor to Process Management Company, Inc., New York, N. Y. Converting hydrocarbons. 2,193,797; Mar. 19.

Atwell, Harold V., White Plains, assignor to Process Management Company, Inc., New York, N. Y. Conversion of hydrocarbons. 2,193,798; Mar. 19.

Atwell, Harold V., White Plains, assignor to Process Management Company, Inc., New York, N. Y. Conversion of hydrocarbons. 2,193,799; Mar. 19.

Atwell, Harold V., White Plains, assignor to Process Management Company, Incorporated, New York, N. Y. Treating hydrocarbon fluids. 2,213,114; Aug. 27.

Atwell, Harold V., White Plains, assignor to Process Management Company, Inc., New York, N. Y. Treatment of hydrocarbon gases. 2,215,062; Sept. 17.

Atwell, Harold V., White Plains, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Heating hydrocarbon fluids. 2,216,684; Oct. 1.

Atwell, Harold V., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Separating wax from oils. 2,218,511; Oct. 22.

Atwood, Benjamin F., assignor to Back Bay Electrotype and Engraving Co., Boston, Mass. Electrotype printing plate and producing the same. 2,222,013; Nov. 19.

Atwood, Francis C., Newton, assignor to Atlantic Research Associates, Inc., Newtonville, Mass. Stabilized aqueous protein dispersion. 2,198,596; Apr. 30.

Atwood, Francis C., Newton, Mass., assignor to Atlantic Research Associates, Inc., Wilmington, Del. Producing clean wet-ground mica. 2,204,063; June 11.

Atwood, Francis C., Newton, Mass., assignor to Atlantic Research Associates, Inc. Package and noncorrodible container. 2,204,746; June 18.

Atwood, Francis C., Newton, Mass., assignor to Atlantic Research Associates, Inc., Wilmington, Del. Protein composition and foam abatement. 2,220,700; Nov. 5.

Atwood, Harry C., assignor to Durkee-Atwood Company, Minneapolis, Minn. Facilitating removal of cover strips of frost shields. 2,212,726; Aug. 27.

Atwood, Harry G., Peoria, Ill. Processing cereals for rapid filtration and recovery of grain solubles. 2,222,306; Nov. 19.

Atwood Machine Company. (See Winslow, Albert E., assignor.)

Atwood Machine Company, The. (See Gordon, William R., assignor.)

Atwood & Morrill Co. (See Hose, Alexander V., assignor.)

Atwood, Seth B., Rockford, Ill. Hinge. 2,200,250; May 14.

Atwood, Seth B., Rockford, Ill. Hinge. 2,200,251; May 14.

Atwood, Seth B., Rockford, Ill. Hinge. 2,200,252; May 14.

Atwood, Seth B., Rockford, Ill. Hinge. 2,200,253; May 14.

Atwood, Seth B., Rockford, Ill. Hinge. 2,200,439; May 14.

Atwood, Seth B., Rockford, Ill. Hinge. 2,200,440; May 14.

Atwood, Seth B., Rockford, Ill. Hinge. 2,200,441; May 14.

Atwood Vacuum Machine Company, The. (See Johnson, George H., assignor.)

Atwood Vacuum Machine Company, The. (See Lustig, Walter R., assignor.)

Atwood Vacuum Machine Company, The. (See Van Voorhees, Harold E., assignor.)

Atwood Vacuum Machine Company, The. (See Wintercorn, A. F., and McCanna, assignors.)

Atwood, Winfield A., Yeadon, Pa., assignor to General Electric Company. Auxiliary switch. 2,204,393; June 11.

Atwood, Winfield A., Yeadon, Pa., assignor to General Electric Company. Circuit breaker. 2,218,374; Oct. 15.

Aub, Samuel L., and W. B. Long, Cleveland, Ohio; said Long assignor to said Aub. Drinking fountain. 2,202,807; May 28.

Auberschek, Joseph F., Milwaukee, Wis. Fluid filter. 2,190,305; Feb. 13.

Aubert, Emile H., Paris, assignor to Société pour la Realisation et l'Exploitation d'Inventions Mecaniques "Reim", Neuilly sur Seine, Seine, France. Racket for tennis and like games. 2,193,526; Mar. 12.

Auburn Automobile Company. (See Johnson, Gordon G., assignor.)

Auburn Central Manufacturing Corporation. (See Weilemann, John, assignor.)

Auburn Foundry, Inc. (See Fitch, Hurshel H., assignor.)

Auchincloss, Samuel S., Darien, Conn., assignor to New York Quotation Company, New York, N. Y. Printing telegraph apparatus. 2,201,641; May 21.

Aucoin, Riley A., Overton, Tex. Dual control lift mechanism. 2,197,064; Apr. 16.

Aucoin, Riley A., Overton, Tex., assignor to Standard Oil Development Company. Apparatus for producing oil from subsurface deposits. 2,213,372; Sept. 3.

Audilet, Osmar A., Yorktown, Tex. Agricultural implement. 2,225,516; Dec. 17.

Auditorium Conditioning Corporation. (See Seid, Herman, assignor.)

Audubon Wire Cloth Corporation. (See Guba, Raymond J., assignor.)

Audubon Wire Cloth Corporation. (See Scherfel, Otto C., assignor.)

Auer, George A., et al. (See Eisler, Henry G., assignor.)

Auer, George A., assignor to Wagner Sign Service, Inc., Chicago, Ill. Sign and sign character. 2,202,888; June 4.

Auer, John, Norwalk, Conn. Eyeshield. 2,194,192; Mar. 19.

Auer, John, East Norwalk, Conn. Wet blocking machine for hats. 2,202,367; May 28.

Auer, László, Mansfield, Mass. Synthetic resin. 2,207,847; July 16.

Auer, László, Budapest, Hungary, assignor to J. R. Newman, as trustee, Washington, D. C. Manufacture of modified, heat-bodied oil products. 2,189,772; Feb. 13.

Auer, László, Budapest, Hungary, assignor to J. R. Newman, trustee, Washington, D. C. Modification of the physical properties of isocolloids. 2,213,943; Sept. 10.

Auer, László, Budapest, Hungary, assignor to J. R. Newman, trustee, Washington, D. C. Colloidal transformations of organic isocolloids. 2,213,944; Sept. 10.

Auer, Wilhelm, assignor to J. M. Voith, Heidenheim-on-the-Brenz, Germany. Turbotransmission control means. 2,214,190; Sept. 10.

Auerbach Bath Robe Co. (See Auerbach, Samuel, assignor.)

Auerbach, Samuel, assignor to Auerbach Bath Robe Co., New York, N. Y. Garment belt. 2,189,413; Feb. 6.

Auergesellschaft Aktiengesellschaft. (See Kerstan, W., Diehl, and Deseke, assignors.)

Auerhahn, Albert. (See Stadler, R., and Auerhahn.)

Auerhahn, Albert, Neckargemuend, and R. Stadler, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Conversion of compounds of the acetylene series. 2,210,828; Aug. 6.

Aufderhar, Arthur W. (See Groene, W. F., and Aufderhar.)

Aufiero, John M., Brooklyn, N. Y. Automobile heater and windshield defroster. 2,197,172; Apr. 16.

Aufiero, John R., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Control device and system. 2,200,235; May 7.

Augat, Ernest H., Attleboro, Mass. Gem setting. 2,222,061; Nov. 19.

Augenstein, Eugen, Pforzheim, Germany, assignor to Universal Chain Co., Inc., Maplewood, N. J. Ornamental chain and method of making. 2,220,828; May 14.

Augenstein, Karl C., Cranston, assignor to Speidel Corporation, Providence, R. I. Key ring. 2,224,073; Dec. 3.

Augenstein, William C. (See Townsend, A. H., and Augenstein.)

Auger, Harold, Burnham, and W. E. Pearson, London, England, deceased; N. P. Nicholson, executrix or administratrix. Storage equipment. 2,186,854; Jan. 9.

Auger, Harold, Burnham, and W. E. Pearson, deceased, London, England; N. P. Nicholson, executrix or administratrix. Garage or car park. 2,201,939; May 21.

Auger, Harold, Burnham, and W. Edgerly Pearson, deceased, London, by N. P. Nicholson, executrix, Maidenhead, England. Storage and like equipment for vehicles. 2,216,637; Oct. 1.

Augier-Queyras, Jean F. (See Valtat, Raymond L. A., assignor.)

Augustadt, Herbert W., Valley Stream, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Two-way communication system. 2,214,804; Sept. 17.

Augustadt, Herbert W., Valley Stream, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone repeater control circuit. 2,223,200; Nov. 26.

Augustin, Franz, assignor of one-half to P. Schröder, Hamburg, Germany. Cuff. 2,209,376; July 30.

Augustine, Harold B., Kenmore, N. Y. Internal combustion engine. 2,222,134; Nov. 19.
Augustine, Jesse R., Stapleton, Staten Island, N. Y., and W. W. Gorman, West Allis, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Gyratory eccentric bearing. 2,192,483; Mar. 5.
Augustine, Vada F. C., Concord, Calif. Window air cooler. 2,225,963; Dec. 24.
Augustyniak, Michael W. (See Weisenburg, A., and Augustyniak.)
Aulbach, Charles J., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for internally stripping can body side seams. 2,206,801; July 2.
Auld, Donald W., and L. J. Weber, Bartlesville, Okla., assignors to Phillips Petroleum Company. Remotely controlled connector apparatus. 2,225,252; Dec. 17.
Ault, Waldo C., and C. A. Hochwalt, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Vapor phase refining of hydrocarbon distillates. 2,192,174; Mar. 5.
Aumüller, Walter. (See Bockmühl, M., Ehrhart, Ruschig, and Aumüller.)
Aura, Carl A. (See Frisk, E. T., and Aura.)
Aurand, Ethel M. (See Aurand, Frank E., Jr., assignor.)
Aurand, Frank E., Jr., Cincinnati, Ohio, assignor to E. M. Aurand, Oak Park, Ill. Cutting tool. 2,199,383; May 7.
Aurbach, Kurt, assignor to Anker Werke A.-G., Bielefeld, Germany. Serial number mechanism. 2,214,895; Sept. 17.
Aurex Corporation. (See Ewing, Edwin C., Jr., assignor.)
Aurex Corporation. (See Huth, Walter H., assignor.)
Aurien, Ray G. (See Baselt, W. H., and Aurien.)
Aurig, Max, Munich, Germany. Device for purifying, cooling, and mixing gases. 2,208,743; July 23.
Ausherman, Harry S., and W. S., Abilene, Kans. Agricultural machine. 2,214,396; Sept. 10.
Ausherman, William S. (See Ausherman, Harry S., and W. S.)
Auslander, Henry, Brooklyn, N. Y. Picture hanger. 2,224,008; Dec. 3.
Ausman, Ralph B., Meridian, assignor of one-half to R. C. Chattin, Boise, Idaho. Butter mold. 2,222,135; Nov. 19.
Aust, Joseph B., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive article and manufacturing the same. 2,224,009; Dec. 3.
Aust, Robert J., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Power supply system. 2,194,288; Mar. 19.
Austad, Grover R., Salt Lake City, Utah. Glasses and eye protector. 2,206,997; July 9.
Austenal Laboratories, Inc. (See Merrick, Albert W., assignor.)
Austenal Laboratories, Inc. (See Merrick, A. W., and Beier, assignors.)
Austerman, Karl, Trenton, N. J. Treating oil wells. 2,218,306; Oct. 15.
Austin, Arthur E. (See Austin, George A. and A. E.)
Austin, Arthur O., near Barberton, Ohio. Manufacturing ceramic or vitreous ware. 2,224,853; Dec. 17.
Austin, Bascum O., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,186,227; Jan. 9.
Austin, Bascum O., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,215,314; Sept. 17.
Austin, Bascum O., Wilkinsburg, and G. L. Moses, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,200,072; May 7.
Austin, Charles J., Elkton, Md. Japanese beetle insecticide. 2,209,744; July 30.
Austin Company, The. (See Eiber, H. E., and Druckenbrod, assignors.)
Austin, Dennis T., Jr. (See Newton, W. A., Jr., and Austin.)
Austin, Dwight E., Orchard Lake, assignor to Yellow Truck & Coach Manufacturing Company, Pontiac, Mich. Sway stabilizer. 2,186,279; Jan. 9.
Austin, Ellsworth W., assignor to La Plant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Earth moving device. 2,190,346; Feb. 13.
Austin, Ellsworth W., assignor to La Plant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Earth mover. 2,190,347; Feb. 13.
Austin, Ellsworth W., assignor to La Plant-Choate Manufacturing Company, Inc., Cedar Rapids, Iowa. Earth moving device. 2,198,147; Apr. 23.
Austin, Ellsworth W., assignor to La Plant-Choate Manufacturing Company, Incorporated, Cedar Rapids, Iowa. Earth mover. 2,203,713; June 11.
Austin, Ellsworth W., assignor to La Plant-Choate Manufacturing Company, Incorporated, Cedar Rapids, Iowa. Earth mover. 2,204,033; June 11.
Austin, Ellsworth W., assignor to La Plant-Choate Manufacturing Co., Cedar Rapids, Iowa. Earth mover. 2,215,025; Sept. 17.
Austin, Ellsworth W., assignor to La Plant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Earth moving device. 2,215,026; Sept. 17.
Austin, Florence G. (See Austin, Wendell F., assignor.)
Austin, Frank J., Fargo, N. Dak., assignor to Certain-Teed Products Corporation, New York, N. Y. Covering element. 2,196,847; Apr. 9.
Austin, George A. and A. E., Los Angeles, Calif. Cuticle guard. 2,220,363; Nov. 5.
Austin, H. A., Company, The. (See Austin, Herbert A., assignor.)
Austin, Harry M., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Molded flooring material. 2,221,038; Nov. 12.
Austin, Harry M., and J. A. Muir, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Vibration absorbing supporting structure. 2,212,142; Aug. 20.
Austin, Herbert A., Boston, assignor to The H. A. Austin Company, Incorporated, Worcester, Mass. Breast form. 2,185,761; Jan. 2.
Austin, James A. (See Brown, H. P., and Austin.)
Austin, John J., Beverly, Mass. Poultry drinking fountain. 2,224,211; Dec. 10.
Austin Motor Company, The. (See Colell, Richard F., assignor.)
Austin, Paul G., Pasadena, Calif. Adjustable garden rake. 2,222,163; Nov. 19.
Austin, Paul R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasticized synthetic linear polyamide composition. 2,214,397; Sept. 10.
Austin, Paul R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treating textiles. 2,216,406; Oct. 1.
Austin, Paul R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic filament. 2,226,529; Dec. 31.
Austin, Walter C., Burbank, and W. Hill, Los Angeles, Calif. Circuit control device. 2,207,189; July 9.
Austin, Walter S., Grand Rapids, Mich. Spring suspension for vehicles. 2,224,717; Dec. 10.
Austin, Wendell F., assignor to F. G. Austin, Medford, Mass. Combination water and air conditioning apparatus. 2,212,222; Aug. 20.
Austral Cabinet Company Limited. (See Newnes, Henry J., assignor.)
Autem, Fred, assignor to Textile Machine Works, Wyomissing, Pa. Knitting machine yarn carrier bar control. 2,219,733; Oct. 29.
Au-Temp-Co Corporation. (See Midyette, John T., Jr., assignor.)
Auth, Charles, Malba, Long Island, N. Y. Apartment house signaling and telephone system. 2,193,505; Mar. 12.
Auth, Charles, Malba, Long Island, assignor to Auth Electrical Specialty Co., New York, N. Y. Chime signal. 2,208,066; July 16.
Auth Electrical Specialty Co. (See Auth, Charles, assignor.)
Auto Research Corporation. (See Bijur, Joseph, assignor.)
Auto Specialties Manufacturing Company. (See Lucker, Millard B., assignor.)
Auto Union Aktiengesellschaft. (See Boxan, Walter, assignor.)
Auto Union Aktiengesellschaft. (See Schulz, Conrad, assignor.)
Auto Union Aktiengesellschaft. (See Schulz, R. E. C., and Berndt, assignors.)
Auto Union Aktiengesellschaft. (See Schwenk, Kurt, assignor.)
Auto Union Aktiengesellschaft. (See Siebler, O., and Boxan, assignors.)
Auto Union Aktiengesellschaft. (See Tandetzke, Karl, assignor.)
Auto Union Aktiengesellschaft. (See Weber, Hermann, assignor.)
Autobridge, Inc. (See Sterne, Norman R., assignor.)
Autocall Company, The. (See Harrington, James R., assignor.)
"Autocalor", Société Anonyme. (See Lavergne, Jean, assignor.)
Autochute Corporation. (See Hart, Richard H., assignor.)
Autogenwerk "Sirius" Gesellschaft mit beschränkter Haftung. (See Becker, Ernst, assignor.)
Autogiro Company of America. (See Anderson, Robert G., assignor.)
Autogiro Company of America. (See Bennett, James A. J., assignor.)
Autogiro Company of America. (See Campbell, Harris S., assignor.)
Autogiro Company of America. (See de la Cierva, Juan, assignor.)
Autogiro Company of America. (See Larsen, Agnew E., assignor.)
Autogiro Company of America. (See Pitcairn, Harold F., assignor.)
Autogiro Company of America. (See Ray, James G., assignor.)
Autogiro Company of America. (See Schairer, George S., assignor.)
Autogiro Company of America. (See Stanley, Paul H., assignor.)
Autographic Register Company. (See Antrim, Louis C., assignor.)
Autographic Register Company. (See Borchers, William G., assignor.)

Autographic Register Co. (See Brenn, Carl W., assignor.)
Autographic Register Company. (See Guilbert, Frank H., assignor.)
Autographic Register Company. (See Heim, Carl, assignor.)
Autographic Register Company. (See Johnson, Arthur A., assignor.)
Automatic Appliance Company, The. (See Mapel, Lewis A., assignor.)
Automatic Appliance Company, The. (See Ray, Frederick, assignor.)
Automatic Control Corporation. (See Persons, Lawrence M., assignor.)
Automatic Cook Corporation. (See Sherman, Carroll J., assignor.)
Automatic Devices Corporation. (See Bahr, Gustave F., assignor.)
Automatic Devices Corporation. (See Cohen, Joseph H., assignor.)
Automatic Devices Corporation. (See Conboy, Russell D., assignor.)
Automatic Devices Corporation. (See Johnson, Arthur A., assignor.)
Automatic Devices Corporation. (See Lehmann, Herbert G., assignor.)
Automatic Draft and Stove Company. (See Adams, Holcombe C., assignor.)
Automatic Drive and Transmission Company. (See Bateman, Roy D., assignor.)
Automatic Engraving Machine Company. (See Bennett, Joseph A., assignor.)
Automatic Flax Production Units, The. (See Soenens, Maurice A., assignor.)
Automatic Guns, Incorporated. (See Hoagland, R. W., and Shepherd, assignors.)
Automatic Instrument Co. (See Green, Clifford H.)
Automatic Instrument Company. (See Olson, Phillip W., assignor.)
Automatic Lubrication Company. (See Moore, George L., assignor.)
Automatic Machinery Corporation. (See Crouch, Richard H., assignor.)
Automatic Packaging Machinery Company. (See Sandberg, Oscar, assignor.)
Automatic Power Transmission Company. (See Schlote, Guido F., assignor.)
Automatic Products Company. (See Johnson, R. W., and Reeves, assignors.)
Automatic Products Company. (See McCarty, Lourdes V., assignor.)
Automatic Products Company. (See Newman, Frederick H., assignor.)
Automatic Shifters, Inc. (See Heftler, P., and Carmick, assignors.)
Automatic Shifters, Inc. (See Hey, Henry W., assignor.)
Automatic Shifters, Inc. (See Mohun, William W., assignor.)
Automatic Shifters, Inc. (See Simonick, Virgil F., assignor.)
Automatic Signal Corporation. (See Barker, John L., assignor.)
Automatic Signal Corporation. (See Paul, Joseph N., assignor.)
Automatic Signal Corporation. (See Wilcox, Harry A., assignor.)
Automatic Switch Co. (See Stumpf, George, assignor.)
Automatic Telephone & Electric Company. (See Simpson, Lancelot M., assignor.)
Automatic Telephone & Electric Company. (See Williams, Merrel O., assignor.)
Automatic Telephone & Electric Company, Limited. (See Thompson, G. W., and Renshaw, assignors.)
Automatic Voting Machine Corporation. (See Gustavson, Alvin N., assignor.)
Automatic Washer Company. (See Parish, Fred A., assignor.)
Automatic Washer Company. (See Vincent, Merlin S., assignor.)
Automatic Winding Company. (See Thomas, Leslie G., assignor.)
Automotive Devices Company. (See Friedman, Harry, assignor.)
Automotive Devices, Inc. (See Jameson, Charles M., assignor.)
Automotive Improvement Patents Corporation. (See Burtnett, Everett R., assignor.)
Automotive Maintenance Machinery Co. (See Zimmerman, Herman W., assignor.)
Automotive Oil Power, Inc. (See Behling, Arthur J., assignor.)
Automotive Products Company. (See Brock, D. T., and Gates, assignors.)
Automotive Products Company. (See Lapwood, Keith E., assignor.)
Automotive Products Company Limited. (See Beeston, John P., assignor.)
Automotive Products Company Limited. (See Brock, Denis T., assignor.)
Automotive Products Company Limited. (See Brock, D. T., and Trapp, assignors.)
Automotive Products Company Limited. (See Brown, Francis V., assignor.)
Automotive Products Company Limited. (See Clench, Edward C. S., assignor.)
Automotive Products Company Limited. (See Clench, E. C. S., and Kahl, assignors.)
Automotive Products Company Limited. (See Gates, Geoffrey R. G., assignor.)
Automotive Products Company Limited. (See Hayes, C., and Chouings, assignors.)
Automotive Products Company Limited. (See Parker, Sydney M., assignor.)
Automotive Products Company Limited, et al. (See Thornhill, Peter W.)
Automotive Products Company Limited. (See Trapp, George J., assignor.
Automotive Products Company Limited. (See Van Vestraut, G., and Parnell, assignors.)
Autophon Aktiengesellschaft. (See Hebel, M., and Gundlfinger, assignors.)
Autoxygen Inc. (See Kokatnur, Vaman R., assignor.)
Autoxygen Inc. (See Kokatnur, V. R., and Plantinga, assignors.)
Autoyre Company, The. (See Sanford, Roy S., assignor.)
Auwärter, Max, and K. Ruthardt, assignors to W. C. Heraeus G. m. b. H., Hanau-on-the-Main, Germany. Alloy. 2,200,050; May 7.
Avakian, Bagdasar, assignor to Eastern Products Company, Providence, R. I. Mechanical pencil. 2,210,158; Aug. 6.
Avanzini, Leander. (See Bohrn, H., and Avanzini.)
Avary, Thomas J., Larned, Kans. Dandelion extractor. 2,210,440; Aug. 6.
Avedikian, Souren Z., New York, N. Y. Detergent composition simulating olive oil soaps. 2,187,536; Jan. 16.
Avenson, Lorenzo M., Oak Park, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Display panel and the like. 2,212,313; Aug. 20.
Averey, Harold T., San Luis Obispo, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,200,588; May 14.
Averill, Earl A., Adams, N. Y. Tank gauge for moving vehicles. 2,210,159; Aug. 6.
Averill. Rex G., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley tender. 2,202,723; May 28.
Averill, William D., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Broaching machine. 2,225,731; Dec. 24.
Avery, B. F., and Sons Company. (See Ray, Charles T., assignor.)
Avery, Clarence W., Detroit, Mich., assignor to The Murray Corporation of America. Upholstery forming apparatus. 2,185,827; Jan. 2.
Avery, Clarence W., Detroit, Mich., assignor to The Murray Corporation of America. Applying padding to inner trim panels. 2,193,263; Mar. 12.
Avery, Clarence W., Detroit, Mich., assignor to The Murray Corporation of America. Apparatus for preparing inner trim panels. 2,199,062; Apr. 30.
Avery, Clarence W., and A. H. Haberstump, Detroit, Mich., assignors to The Murray Corporation of America. Upholstery forming apparatus. 2,188,995; Feb. 6.
Avery Farm Machinery Company. (See Ashley, Edwin O., assignor.)
Avery, George S., Jr., New London, Conn., dedicated, by mesne assignments, to the Government and people of the United States and Territories. Growth control. 2,220,505; Nov. 5.
Avery-Hardoll Limited. (See Fraser, John, assignor.)
Avery, Harold T. (See Warner, L. E., and Avery.)
Avery, Harold T., Oakland, Calif. Rotative wing aircraft. 2,219,288; Oct. 29.
Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,211,225; Aug. 13.
Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,211,736; Aug. 13.
Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,216,659; Oct. 1.
Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,217,195; Oct. 8.
Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,222,164; Nov. 19.
Avery, Henry A., Groton, assignor to L C Smith & Corona Typewriters, Inc., Syracuse, N. Y. Machine support. 2,225,093; Dec. 17.
Avery, Henry A., and J. P. Barkdoll, Groton, assignors to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Case shift mechanism for typewriting machines. 2,206,016; July 2.
Avery, Henry A., and J. P. Barkdoll, Groton, assignors to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Case shift mechanism for typewriting machines. 2,206,017; July 2.
Avery, Henry A., J. P. Barkdoll, and L. F. Evans, Groton, assignors to L. C. Smith & Corono Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 2,218,736; Oct. 22.
Avery, Julian M., Greenwich, Conn., assignor to Arthur D. Little, Inc., Cambridge, Mass. Blast furnace power system. 2,192,885; Mar. 12.

Avery, Julian M., Greenwich, Conn., assignor to Arthur D. Little, Inc., New York, N. Y. Blast furnace process. 2,216,727; Oct. 8.

Avery, Park, Oakland, Calif. Massage roller. 2,213,482; Sept. 3.

Avery, Ray S., Los Angeles, Calif. Method and apparatus for making label units. 2,220,071; Nov. 5.

Avery, Rube A., Hot Springs National Park, Ark. Brake apparatus. 2,204,720; June 18.

Avery, True M., Glens Falls, assignor to Union Bag & Paper Corporation, Hudson Falls, N. Y. Bag. 2,193,755; Mar. 12.

Avery, True M., Glens Falls, assignor to Union Bag & Paper Corporation, Hudson Falls, N. Y. Making bags. 2,193,756; Mar. 12.

Avery, W. & T., Limited. (See Binns, Arthur, assignor.)

Avery, W. & T., Limited. (See Yates, Harry, assignor.)

Avetta, Albert J., Pittsburgh, Pa. Charcoal grill. 2,201,756; May 21.

Aviation Developments Limited. (See Verdon-Roe, Alliott, assignor.)

Aviation Manufacturing Corporation. (See Anderson, W. S., Jr., and Staber, assignors.)

Aviation Manufacturing Corporation. (See Gehret, Edward F., assignor.)

Aviation Manufacturing Corporation. (See Hoffman, Samuel K., assignor.)

Aviation Manufacturing Corporation. (See Hoffman, S. K., and Wiener, assignors.)

Aviation Manufacturing Corporation. (See Lampton, Glen T., assignor.)

Avila, Abelardo G. (See Dimm, C. R., and Avila.)

Avila, Frank W., Fort Wayne, Ind., assignor to International Harvester Company. Automotive vehicle. 2,187,410; Jan. 16.

Avins, Jack. (See Rider, J. F., and Avins.)

Avis, Samuel W., Providence, R. I., assignor to The Reece Button Hole Machine Company, Boston, Mass. Sewing machine. 2,186,228; Jan. 9.

Awbrey, Samuel C., Kansas City, Mo. Making dividing bars. 2,216,898; Oct. 8.

Awbrey, William P., Kansas City, Mo. Support and spacer for concrete reinforcements. 2,188,424; Jan. 30.

Axe, Roy T., assignor to The O. M. Edwards Company, Syracuse, N. Y. Window construction. 2,193,852; Mar. 19.

Axe, Roy T., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Double glass panel adapter for window sash. 2,193,853; Mar. 19.

Axe, Roy T., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window construction. 2,197,913; Apr. 23.

Axe, Roy T., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Sash holder mechanism. 2,204,464; June 11.

Axe, Roy T., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window construction. 2,207,772; July 16.

Axe, William N., and D. D. Henson, Austin, Tex., assignors to Union Oil Company of California, Los Angeles, Calif. Germicide. 2,198,899; Apr. 30.

Axel, Israel. (See Kuylen, John, assignor.)

Axelrod, Kenneth M. (See Cypher, Hugh F., assignor.)

Axelrod, Solomon, New York, N. Y. Spelling game. 2,218,375; Oct. 15.

Axelrod, Solomon, assignor of one-third to I. Bailer, New York, and one-third to M. Ember, Brooklyn, N. Y. Individual alarm watch. 2,223,243; Nov. 26.

Axelson Manufacturing Co. (See Grad, Harold, assignor.)

Axelson Manufacturing Co. (See Mancuso, Victor, assignor.)

Axlocksen Ski Products, Inc. (See Simonsen, I. P., and Hannan, assignors.)

Axson, Barney B., North, S. C. Liquid level gauge. 2,194,376; Mar. 19.

Axtell, Willard G., and R. E. Fraseur, Los Angeles, Calif.; said Axtell assignor to said Fraseur. Fire extinguisher. 2,208,490; July 16.

Axthelm, Hermine, Rockville Centre, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Interlocking fastener slider. 2,204,562; June 18.

Axthelm, Hermine, Rockville Centre, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Interlocking fastener slider. 2,223,347; Dec. 3.

Ayars, Charles H., assignor to Ayars Machine Company, Salem, Mass. Can filling machine. 2,187,615; Jan. 16.

Ayars Machine Company. (See Ayars, Charles H., assignor.)

Aycock, Maurice F., Pace, Miss. Cotton drier. 2,192,823; Mar. 5.

Aydelott, John C. (See Keep, O. A., and Aydelott.)

Aydelott, John C., Erie, Pa., assignor to General Electric Company. System of control. 2,215,993; Sept. 24.

Ayers, Fred L., Watertown, Mass. Shoemaking method. 2,197,777; Apr. 23.

Ayers, Fred L., Watertown, Mass., assignor to Brown Company, Berlin, N. H. Manufacture of thick-soled or platform shoes. 2,199,868; May 7.

Ayers, Fred L., Watertown, Mass., assignor to Brown Company, Berlin, N. H. Multiply counter. 2,212,580; Aug. 27.

Ayers, Fred L., Watertown, Mass., assignor of one-half to N. Elkin. Shoe and making the same. 2,214,603; Sept. 10.

Ayers, George W., Jr. (See Henderson, L. M., Ayers, Raine, and Ross.)

Ayers, Ray C., Hutchinson, Kans. Beer cooler. 2,199,718; May 7.

Ayers, William, Evanston, Ill. Temperature controlled heating apparatus. 2,212,285; Aug. 20.

Ayler, Lloyd E., Spokane, Wash. Fur cleaning machine. 2,206,148; July 2.

Ayo, Eddie J. (See Ayo, Ishmeal J., assignor.)

Ayo, Ishmeal J., assignor of one-half to E. J. Ayo, New Iberia, La. Agricultural implement. 2,193,157; Mar. 12.

Ayotte, Joseph R., Chicago, Ill. Device for dispensing liquids, granulated products, and the like. 2,187,927; Jan. 23.

Ayotte, Joseph F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Two-tone reflector flashlight. 2,188,129; Jan. 23.

Ayres, Arthur U., Chestnut Hill, Pa., assignor to The Sharples Corporation. Centrifugal machine. 2,209,723; July 30.

Ayres, Derek E. R., A. Batley, and E. B. Knott, Wealdstone, England, assignors to Eastman Kodak Company, Rochester, N. Y. Antihalation and filter layers for photographic film. 2,199,978; May 7.

Ayers, Edgar H., Schenectady, N. Y., assignor to General Electric Company. Electromagnet. 2,207,572; July 9.

Ayres, Millman M. (See Collett, C. H., and Ayres.)

Ayres, Pennie R., Washington, D. C. Seconds setting mechanism for watches or clocks. 2,212,535; Aug. 27.

Ayres, Reginald J. (See Geiger, W. J., and Ayres.)

Ayres, Waldemar A. (See Brand, S., and Ayres.)

Ayres, Waldemar, New York, N. Y. Dispenser. 2,202,079; May 28.

Ayres, Waldemar A., assignor to International Business Machines Corporation, New York, N. Y. Punching and printing device. 2,189,023; Feb. 6.

Ayres, Waldemar A., assignor to International Business Machines Corporation, New York, N. Y. Recording machine. 2,217,150; Oct. 8.

Azbe, Victor J., Webster Groves, Mo. Calcining apparatus. 2,199,384; May 7.

Azzara, Santo, Jamaica, N. Y. Shoe lasting. 2,203,247; June 4.

B. B. Chemical Co. (See Macdonald, Alexander D., assignor.)

B. B. Chemical Co. (See McGill, John H., assignor.)

B. B. Chemical Co. (See McGill, J. H., and Wedger, assignors.)

B. B. Chemical Co. (See Wedger, Walter H., assignor.)

B and B Shoe Company. (See Golden, L. J., and Aronov, assignors.)

B. G. Corporation, The. (See Schulz, Christopher A., assignor.)

B H and M Company. (See Howe, Andrew F., assignor.)

B-L Electric Manufacturing Company. (See Peters, Carl E., assignor.)

B-L Electric Manufacturing Co., The. (See Wein, Samuel, assignor.)

B R E Manufacturing Company. (See Leslie, Howard C., assignor.)

B. S. A. Tools Limited. (See Ogilvie, William, assignor.)

B. W. B. Company, The. (See Witwer, W. J., and Bunyan, assignors.)

B. W. Manufacturing Company. (See Berkebil, Lee, assignor.)

Baade, Henry, assignor to Bendix Products Corporation, South Bend, Ind. Door operator. 2,194,782; Mar. 26.

Baade, Henry, Detroit, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Braking system. 2,215,602; Sept. 24.

Baader, Rudolf, and K. F. Schlichting, Lubeck, Germany. Fish fillet skinning machine and method. 2,215,114; Sept. 17.

Baak, Albert E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic compensated control system. 2,208,559; July 23.

Baak, Albert E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Oil burner control system. 2,217,886; Oct. 15.

Baak, Albert E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,222,600; Nov. 26.

Baash, Lawrence F., assignor to Baash-Ross Tool Company, Los Angeles, Calif. Rotary table assembly. 2,204,645; June 18.

Baash, Lawrence F., assignor to Baash-Ross Tool Company, Los Angeles, Calif. Bushing for use in rotary tables. 2,204,646; June 18.

Baash, Lawrence F., assignor to Baash-Ross Tool Company, Los Angeles, Calif. Rotary table bushing. 2,204,647; June 18.

Baash-Ross Tool Company. (See Anderson, Ernest E., assignor.)

Baash-Ross Tool Company. (See Baash, Lawrence F., assignor.)

Babbitt, Dean, Scarsdale, N. Y., and H. Scheibler, Geneva, Switzerland. Hearing-aid amplifier. 2,225,597; Dec. 17.

Babcock, Dale F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Separation of hydrocarbons. 2,222,275; Nov. 19.

Babcock, Dale F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus and a process for the recovery of gasoline from cracked petroleum hydrocarbons. 2,222,276; Nov. 19.
Babcock, David L., assignor to Eastman Kodak Company, Rochester, N. Y. Brake mechanism. 2,226,152; Dec. 24.
Babcock, Garrison, Seattle, assignor to A. H. B. Jordan, Everett, Wash. Radio program annunciator. 2,207,394; July 9.
Babcock, George H., Lakewood, Ohio. Door operating mechanism. 2,221,039; Nov. 12.
Babcock, Leo A. (See Gregory, J., and Babcock.)
Babcock, Verner E., Port Clinton, Ohio. Fishing reel. 2,197,675; Apr. 16.
Babcock & Wilcox Company, The. (See Bailey, Ervin G., assignor.)
Babcock & Wilcox Company, The. (See Cassidy, Perry R., assignor.)
Babcock & Wilcox Company, The. (See Davy, Christopher H., assignor.)
Babcock & Wilcox Company, The. (See Donley, Earl H., assignor.)
Babcock & Wilcox Company, The. (See Ebbets, G. D., and Gay, assignors.)
Babcock & Wilcox Company, The. (See Fletcher, James, assignor.)
Babcock & Wilcox Company, The. (See Gay, Cecil H., assignor.)
Babcock & Wilcox Company, The. (See Hardgrove, Ralph M., assignor.)
Babcock & Wilcox Company. (See Heller, Lewis W., assignor.)
Babcock & Wilcox Company, The. (See Jacobus, David S., assignor.)
Babcock & Wilcox Company, The. (See Kerr, Howard J., assignor.)
Babcock & Wilcox Company, The. (See Lucke, Charles E., assignor.)
Babcock & Wilcox Company, The. (See MacKusick, Meredith H., assignor.)
Babcock & Wilcox Company, The. (See Mayo, Dana H. N., assignor.)
Babcock & Wilcox Company, The. (See Moore, W. T., Cassidy, Hardgrove, and Kerr, assignors.)
Babcock & Wilcox Company, The. (See Rowand, Will H., assignor.)
Babcock & Wilcox Company, The. (See Rowand, W. H., and Savoye, assignors.)
Babcock & Wilcox Company, The. (See Savoye, Charles U., assignor.)
Babcock & Wilson Company. (See Smith, Charles S., assignor.)
Babcock & Wilcox Company, The. (See Trainer, J. E., and Hodge, assignors.)
Babcock & Wilcox Company, The. (See Weaver, Ralph J., assignor.)
Babcock & Wilcox Company, The. (See Wilcoxson, Leslie S., assignor.)
Baber, Emil C., assignor to L. W. Davis, Los Angeles, Calif. Gasoline dispensing apparatus. 2,217,662; Oct. 15.
Babin, Burris F., Texas City, Tex., assignor to Pan American Refining Corporation, New York, N. Y. Preventing fouling of heat exchangers. 2,212,581; Aug. 27.
Babitch, Abraham M., Flint, assignor to General Motors Corporation, Detroit, Mich. Double acting vacuum pump. 2,189,526; Feb. 6.
Babson Bros. (See Babson, H. B., and Stampen, assignors.)
Babson Bros. (See Babson, H. B., and Thomas, assignors.)
Babson Bros. (See Oliver, Chauncey B., assignor.)
Babson, Henry B. (See Pfanstiehl, Carl, assignor.)
Babson, Henry B., Chicago, and C. A. Thomas, Crystal Lake, Ill., assignors to Babson Bros. Means for and method of filtering. 2,196,848; Apr. 9.
Babson, Henry B., and J. J. Stampen, assignors to Babson Bros., Chicago, Ill. Milking parlor. 2,198,048; Apr. 23.
Babson, Horace L., Rock Hill, S. C. Mounting for printing machine color pans. 2,206,712; July 2.
Baccarini, Frank, Pittsburgh, Pa. Culinary utensil. 2,186,855; Jan. 9.
Bacci, Alexander H., Chicago, Ill. Building structure. 2,226,332; Dec. 24.
Bach, Abel W., Chicago, Ill., assignor to International Harvester Company. Starting system for compression ignition engines. 2,190,348; Feb. 13.
Bach, Emmon. (See de Florez, L., and Bach.)
Bach, Emmon. (See Hirsch, J. H., and Bach.)
Bach, Herbert. (See Hagge, W., and Bach.)
Bacharach, Eric W. (See Hine, Alfred E., assignor.)
Bache, George F., Montgomery, N. Y. Four-in-hand necktie. 2,186,568; Jan. 9.
Bache, Leslie L. (See Myles, J. R., and Bache.)
Bachelet, Albert E., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Program switching system. 2,198,326; Apr. 23.
Bachelet, Albert E., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical timing mechanism. 2,208,241; July 16.
Baches, Edward W., Chicago, Ill., assignor to Poor & Company, New York, N. Y. Wear compensating rail joint. 2,197,090; Apr. 16.
Bachle, Carl F., Grosse Pointe Park, Mich. Fluid flow measuring device. 2,196,285; Apr. 9.
Bachle, Carl F., Grosse Pointe, assignor, by mesne assignments, to Reconstruction Finance Corporation, Detroit, Mich. Engine. 2,191,639; Feb. 27.
Bachman, Charles H., St. Marys, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Electric discharge tube. 2,195,913; Apr. 2.
Bachman, Charles J., East Orange, N. J. Pole or post socket. 2,210,441; Aug. 6.
Bachman, Charles W., and W. A. Davenport, assignors to Michigan State Board of Agriculture, East Lansing, Mich. Football dummy. 2,197,545; Apr. 16.
Bachman, Edward A. (See Ward, W. J., and Bachman.)
Bachman, Fred E., assignor to American Steel Foundries, Chicago, Ill. Snubber. 2,223,656; Dec. 3.
Bachman, Gustave B., assignor to Eastman Kodak Company, Rochester, N. Y. Stabilized polyvinyl acetals. 2,186,598; Jan. 9.
Bachman, Gustave B., and H. A. Tanner, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of methylene dialkyl malonates. 2,212,506; Aug. 27.
Bachman, Gustave B., and S. C. Pool, assignors to Eastman Kodak Company, Rochester, N. Y. Treatment of waste solutions containing metals. 2,221,018; Nov. 12.
Bachmann, Frank, Chicago, Ill., assignor to The Dorr Company, Inc., New York, N. Y. Clarification of liquids. 2,196,908; Apr. 9.
Bachmann, Henry, McConnelsville, Ohio. Tweezers. 2,214,984; Sept. 17.
Bachmann, Henry, McConnelsville, Ohio. Forceps. 2,214,985; Sept. 17.
Bachmann, Otto L. (See Ammann, B. W., and Bachmann.)
Back Bay Electrotype and Engraving Co. (See Atwood, Benjamin F., assignor.)
Back, Sydney. (See Clayton, W., Back, Morse, and Johnson.)
Back, William E., Oulton Broad, Suffolk, England. Airplane and control apparatus therefor. 2,191,842; Feb. 27.
Backer, Leon C., McCamey, Tex. Straight hole drill device. 2,194,631; Mar. 26.
Backert, Earl W., Cleveland, Ohio, assignor to Robert Gair Company, New York, N. Y. Paperboard basket. 2,195,070; Mar. 26.
Backhouse, Headley T., London, England. Sheet feeder. 2,200,408; May 14.
Backhouse, Headley T., London, England. Sheet feeding mechanism. 2,200,409; May 14.
Backhouse, Headley T., London, England. Sheet feeder. 2,201,604; May 21.
Backhouse, Headley T., London, England. Sheet conveyer. 2,201,605; May 21.
Backhouse, Headley T., London, England. Sheet separating and lifting means. 2,215,458; Sept. 24.
Backhouse, Headley T., London, England. Sheet separating and feeding machine. 2,222,459; Nov. 19.
Backstay Welt Company. (See Barr, Glen G., assignor.)
Backstay Welt Company. (See Welch, Herman P., assignor.)
Backstrom, Adolph, Hempstead, N. Y. Clutch mechanism. 2,208,111; July 16.
Bacon, Dana H., Arlington, assignor to National Company, Inc., Malden, Mass. Electric filter. 2,217,355; Oct. 8.
Bacon, Edgar, assignor of one-half to A. Giroux, Fall River, Mass. Shirt envelope. 2,197,173; Apr. 16.
Bacon, Elbridge F., Flint, assignor to General Motors Corporation, Detroit, Mich. Remote radio control. Re. 21,623; Nov. 19.
Bacon, Elbridge F., Flint, assignor to General Motors Corporation, Detroit, Mich. Remote radio control. 2,189,527; Feb. 6.
Bacon, Elbridge F., Flint, assignor to General Motors Corporation, Detroit, Mich. Speedometer. 2,203,514; June 4.
Bacon, Elmer W., assignor to Wilson-Jones Company, Chicago, Ill. Apparatus for attaching fasteners. 2,186,569; Jan. 9.
Bacon, Henry M., assignor to The Dayton Rubber Mfg. Company, Dayton, Ohio. Lug strap construction. 2,216,999; Oct. 8.
Bacon, Kenneth D. (See Kauppi, T. A., and Bacon.)
Bacon, Kenneth D. (See Kauppi, T. A., Bacon, and Smith.)
Bacon, Leonard W., Jr., Rowayton, Conn., assignor to Excelsior Pearl Works, Inc., New York, N. Y. Assorting articles. 2,203,248; June 4.
Bacon, Raymond F., Bronxville, and R. Fanelli, New Rochelle, N. Y.; said Fanelli assignor to said Bacon. Recovery of sulphur dioxide. 2,195,980; Apr. 2.
Bacon, Raymond F., Bronxville, and R. Fanelli, New Rochelle, N. Y.; said Fanelli assignor to said Bacon. Recovery of sulphur dioxide. 2,196,004; Apr. 2.
Bacon, Sidney I., Long Beach, Calif. Interlock pipe coupling. 2,215,659; Sept. 24.
Badalamente, Calogero. (See Guinez, Antonio, assignor.)
Bade, Alfred G. (See Schmitter, W. P., and Bade.)
Bade, Alfred G., assignor to The Falk Corporation, Milwaukee, Wis. Variable speed transmission. 2,193,794; Mar. 19.
Bade, Alfred G., assignor to The Falk Corporation, Milwaukee, Wis. Variable speed transmission. 2,222,557; Nov. 19.

Badeker, Huber W. (See Powell, P. R., and Badeker.)
Badem, Wendel, Milwaukee, Wis. Antiglare device for head lamps. 2,221,040; Nov. 12.
Baden & Foss Inc. (See Baden, Robert, assignor.)
Baden, Robert, New York, N. Y., assignor to Baden & Foss Inc. Finger ring. 2,223,657; Dec. 3.
Bader, Harry J., assignor to The Troy Sunshade Company, Troy, Ohio. Window construction. 2,194,109; Mar. 19.
Bader, Max, Jr., Detroit, Mich. Manicure device. 2,192,733; Mar. 5.
Badertscher, Dana K. (See Pavlecka, J., and Badertscher.)
Badertscher, Dana K., assignor to Hudson Motor Car Company, Detroit, Mich. Lubricating internal combustion engines. 2,200,051; May 7.
Badertscher, Darwin E. (See Berger, H. G., James, and Badertscher.)
Badertscher, Darwin E. (See George, R. S., and Badertscher.)
Badertscher, Darwin E., and H. G. Berger, Woodbury, and F. M. Seger, Pitman, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Extreme pressure lubricant. 2,197,781; Apr. 23.
Badertscher, Darwin E., and H. G. Berger, Woodbury, and F. M. Seger, Pitman, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Extreme pressure lubricant. 2,202,641; May 28.
Badertscher, Darwin E. and M. S. Altamura, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Diesel fuel. 2,218,447; Oct. 15.
Badertscher, Darwin E., Woodbury, F. M. Seger, Pitman, and W. H. James, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Extreme pressure lubricant. 2,226,420; Dec. 24.
Badger, James A., Malone, N. Y. Catafalque. 2,226,044; Dec. 24.
Badger Malleable & Mfg. Company. (See Ricker, Adolph J., assignor.)
Badhorn, Walter R., Dayton, Ohio. Hanger. 2,208,152; July 16.
Badollet, Marion S., Fanwood, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Siliceous product and making the same. 2,194,683; Mar. 26.
Badollet, Marion S., Fanwood, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Colored asbestos product. 2,198,800; Apr. 30.
Badollet, Marion S., Fanwood, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Manufacturing sheet asbestos products. 2,220,386; Nov. 5.
Baehr, Hans, and K. Braus, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of sulphur. 2,200,529; May 14.
Baer, Alfred, Berlin-Schmargendorf, Germany. Seal for rotary valves in internal combustion engines. 2,217,853; Oct. 15.
Baer, Ernst, Berlin-Charlottenburg, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Welding. 2,190,621; Feb. 13.
Baer, Ernst, Berlin, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Cartridge condenser. 2,207,707; July 16.
Baer, Harry A. D., Allentown, Pa. Blade holder. 2,203,714; June 11.
Baer, Herman, et al. (See Edwards, Judson T. and C., assignors.)
Baer, Howard, Jersey City, assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,205,333; June 18.
Baer, Howard, Jersey City, assignor to Eclipse Aviation Corporation, East Orange, N. J. Clutch mechanism. 2,225,939; Dec. 24.
Baer, Howard, Jersey City, N. J., and M. J. Finnegan, New York, N. Y., assignors Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,186,229; Jan. 9.
Baer, Howard, Jersey City, N. J., and M. J. Finnegan, New York, N. Y., assignors to Eclipse Aviation Corporation, East Orange, N. J. Engine starting apparatus. 2,199,328; Apr. 30.
Baer, Howard, Jersey City, N. J., and M. J. Finnegan, New York, N. Y., assignors to Eclipse Aviation Corporation, East Orange, N. J. Measuring instrument. 2,203,766; June 11.
Baer, John M., assignor to The Guardite Corporation, Chicago, Ill. Treating tobacco in hogsheads. 2,196,183; Apr. 9.
Baer, John M., Chicago, Ill., assignor to The Guardite Corporation. Surface moistening grain. 2,198,597; Apr. 30.
Baer, John M., Chicago, Ill., assignor to The Guardite Corporation. Moistening tobacco for stemming. 2,217,934; Oct. 15.
Baer, John M., assignor to The Guardite Corporation, Chicago, Ill. Degumming tobacco. 2,220,072; Nov. 5.
Baer, John M., Chicago, Ill., assignor to The Guardite Corporation. Tempering porous organic products. 2,220,880; Nov. 12.
Baerer, Eugene A., Ridgefield, N. J. Duplicating grinder. 2,222,392; Nov. 19.
Baermann, Max, Jr., Cologne, Germany. Making permanent magnets and products thereof. 2,188,091; Jan. 23.
Baesgen, Werner, Dessau, H. Demsky, Dessau-Sud, and O. Pätzold, Dessau, assignors to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau, Germany. Testing of accuracy of workpiece dimensions. 2,202,683; May 28.
Baff, Abraham, North Arlington, N. J. Automatic ash-tray feeder container. 2,191,511; Feb. 27.
Bagby, Francis C. (See Brown, Warren G. and W. D., assignors.)
Bagby, Ralph B., Evanston, Ill. Filling machine. 2,195,441; Apr. 2.
Bager, William M., Fox Point, M. L. Fyske, and G. W. Mork, assignors to Bucyrus Erie Company, South Milwaukee, Wis. Excavating dipper. 2,185,176; Jan. 2.
Baggett, Henry T., assignor to Hughes Tool Company, Houston, Tex. Casting one metal upon another. 2,218,781; Oct. 22.
Baggett, John L., Cumberland, Md., assignor to Celanese Corporation of America. Yarn and fabric production. 2,216,799; Oct. 8.
Bagley, Francis H., Norfolk, Va. Cabana tent. 2,196,544; Apr. 9.
Bagley, Robert M., Haddonfield, assignor to R. M. Hollingshead Corporation, Camden, N. J. Squirt can construction. 2,187,564; Jan. 16.
Bagley, Robert N., and F. M. Ralston, Eureka, Calif. Trousers hanger. 2,192,167; Mar. 5.
Bagley, William N., Chicago, Ill. Hose connection. 2,197,914; Apr. 23.
Bagnall, Edwin, Chicago, Ill. Radiator grille protector. 2,225,364; Dec. 17.
Bagnasco, Philip C., Williston Park, N. Y. Signaling system for toy railroads. 2,210,747; Aug. 6.
Bagnell, Robert A. (See Howe, A. F., and Bagnell.)
Bagno, Samuel J. A. M., New York, N. Y., assignor to Radio Corporation of America. Electric indicator. 2,201,020; May 14.
Bagshaw, Charles M. (See Heather, C. H., and Bagshaw.)
Bagshaw, Charles M., Leicester, and V. E. Wilson and A. W. Hallam, Kettering, England, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for operating on shoe soles. 2,209,377; July 30.
Baguley, Eric, London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Lead covered multiconductor electric telephone cable. 2,212,927; Aug. 27.
Bahan, George F., Charlotte, N. C. Electromechanical stop motion for looms. 2,226,276; Dec. 24.
Bahan Textile Machinery Company. (See Burgess, Abner E., assignor.)
Bahan, William H., Greenville, S. C. Cloth beam clutch. 2,226,277; Dec. 24.
Bahan, William H., Greenville, S. C. Check strap check. 2,226,278; Dec. 24.
Bahan, William H., Greenville, S. C. Loom temple. 2,226,279; Dec. 24.
Bahan, William H., Greenville, S. C. Weft detecting mechanism for looms. 2,226,280; Dec. 24.
Bahlke, Alfred F., Scotch Plains, assignor to Utility Electric Corp., Newark, N. J. Combined multilight incandescent lamp and switch. 2,197,330; Apr. 16.
Bahlke, Alfred F., Scotch Plains, assignor to Utility Electric Corp., Newark, N. J. Combined multilight incandescent lamp and switch. 2,197,331; Apr. 16.
Bahlke, William H., Hammond, Ind., and F. W. Scheineman, assignors to Standard Oil Company, Chicago, Ill. Oil refining. 2,205,613; June 25.
Bahls, Walter E., Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vacuum-tight insulated lead-in structure. 2,210,699; Aug. 6.
Bahner, Karl, Oberlungwitz, Saxony, Germany, assignor to Kalio Inc., New York, N. Y. Flat knitting machine. 2,195,401; Apr. 2.
Bahney, Luther W., Elizabeth, N. J., and A. H. Horswell, Jackson Heights, N. Y., assignors to Scovill Manufacturing Company, Waterbury, Conn. Apparatus for pouring molten metal. 2,195,071; Mar. 26.
Bahnsen, Monroe J. (See McIntyre, G. H., Bahnsen, and Sweo.)
Bahnson Company, The. (See Marsh, Harry M., assignor.)
Bahnson Company, The. (See Wright, Norman L., assignor.)
Bähr, Ernst, Berlin-Charlottenburg, assignor to Siemens and Halske Aktiengesellschaft, Berlin-Siemensstadt, Germany. Key arrangement. 2,195,294; Mar. 26.
Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 2,190,622; Feb. 13.
Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Gear shift ball. 2,199,018; Apr. 30.
Bahr, Gustave F., Fairfield, assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,213,266; Sept. 3.
Bahr, Gustave F., Fairfield, assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,213,373; Sept. 3.
Bähring, Herbert. (See Möller, R., and Bähring.)

Bähring, Herbert, Berlin-Zehlendorf, assignor to the firm of Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Push-pull amplifier for relaxation oscillations. 2,197,751; Apr. 16.

Bähring, Herbert, Berlin-Zehlendorf, assignor to the firm of Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. Operating cathode ray tubes. 2,224,587; Dec. 10.

Baier, Anton, Munich, Germany. Device for adjusting the Roentgen ray cone by means of an auxiliary lamp. 2,204,465; June 11.

Baier, Georg, and G. Köppel, Nuremburg, Germany. Point forming device for the leads of pencils and the like. 2,188,130; Jan. 23.

Baier, Hermann. (See Hundt, W., and Baier.)

Baier, Hermann, Frankfort-on-the-Main, and P. Langenkamp, Darmstadt-Eberstadt, assignors to Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfort-on-the-Main, Germany. Improving tobacco. 2,223,053; Nov. 26.

Baier, Otto, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Cathode ray tube. 2,195,914; Apr. 2.

Baier, Otto, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Electric discharge device. 2,204,204; June 11.

Baier, Otto, Berlin-Reinickendorf, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Manufacturing electric discharge tubes. 2,212,556; Aug. 27.

Baier, Otto, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electric discharge tube. 2,217,398; Oct. 8.

Baier, Otto, Berlin-Reinickendorf, and C. Jung-Zaeper, Berlin-Wilmersdorf, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Electron tube. 2,201,216; May 21.

Baier, Otto, A. Gaebel, and E. Löpp, Berlin, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Leading-in outfit for electric vessels. 2,219,758; Oct. 29.

Baier, Willard E., Ontario, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Treating fruits and vegetables. 2,191,553; Feb. 27.

Baier, Willard E., Ontario, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Insecticidal material of alkaloid pectates. 2,207,694; July 9.

Baile, Roland P., Medford, Md., assignor, by mesne assignments, to Standard Supercharger Corporation, New York, N. Y. Supercharger for internal combustion engines. 2,196,332; Apr. 9.

Bailer, Otto, Los Angeles, Calif. Record, animated-object, and reproduction control system. 2,213,512; Sept. 3.

Bailey, Adrian. (See Greening, Clarence E., assignor.)

Bailey, Alonzo W., Cleveland, Ohio. Steel pile structure. 2,198,985; Apr. 30.

Bailey, Burton G., La Mesa, Calif. Combination water heater and distiller. 2,224,131; Dec. 10.

Bailey, Carl A., Scotia, N. Y., assignor to General Electric Company. Apparatus for regulating viscosity. 2,208,444; July 16.

Bailey, Charles S., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Pressure cap. 2,195,266; Mar. 26.

Bailey, Charles S., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Radiator cap. 2,225,964; Dec. 24.

Bailey, Charles W., assignor to Stewart Bros. Inc. of Lynn, Mass. Counter molding machine. 2,185,937; Jan. 2.

Bailey, Charles W., assignor to Stewart Bros. Inc. of Lynn, Lynn, Mass. Counter molding machine. 2,226,889; Dec. 31.

Bailey, Clarence H., Seattle, Wash. Cap for use with various types of vessels from which it is desired to dispense measured quantities of free flowing materials. 2,190,092; Feb. 13.

Bailey Company Inc., The. (See Best, Reuben D., assignor.)

Bailey, David C., Amesbury, Mass. Weather strip. 2,196,888; Apr. 9.

Bailey, David C., Amesbury, Mass. Weather strip. 2,197,332; Apr. 16.

Bailey, Douglas A. (See Meyer, Al, assignor.)

Bailey, Edith S., administratrix. (See Hillen, W. G., and Bailey.)

Bailey, Edward A., West Caldwell, N. J., assignor to General Electric Company. Air conditioning system. 2,204,394; June 11.

Bailey, Ervin G., Easton, Pa., assignor to The Babock & Wilcox Company, Newark, N. J. Steam boiler. 2,186,919; Jan. 9.

Bailey, Ervin G., Easton, Pa., assignor to The Babcock & Wilcox Company. Fluid-heating method and apparatus. 2,196,377; Apr. 9.

Bailey, Ervin G., Easton, Pa., assignor to The Babcock & Wilcox Company, Newark, N. J. Steam generator. 2,196,889; Apr. 9.

Bailey, Ervin G., Easton, Pa., assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange apparatus. 2,202,768; May 28.

Bailey, Ervin G., Easton, Pa., assignor to The Babcock & Wilcox Company, Newark, N. J. Method of and apparatus for burning fuel. 2,222,756; Nov. 26.

Bailey, Ervin G., Easton, Pa., assignor, by mesne assignments, to Bailey Meter Company, Cleveland, Ohio. Vapor generator. 2,223,658; Dec. 3.

Bailey, Ervin G., Easton, Pa., and P. S. Dickey, Cleveland, Ohio, assignors to Bailey Meter Company. Control system. 2,211,725; Aug. 13.

Bailey, Ervin G., Easton, Pa., and P. S. Dickey, Cleveland, Ohio, assignors to Bailey Meter Company. Control system. 2,217,635; Oct. 8.

Bailey, Eugene H., Artesia, Miss. Electric light in artificial lure or bait. 2,197,372; Apr. 16.

Bailey, Francis M. (See Odell, I. N., and Bailey.)

Bailey, Frederic W. (See Hillen, W. G., and Bailey.)

Bailey, Frederick S., Hoboken, N. J., assignor to National-Standard Company. Metal sheet drying oven. 2,198,362; Apr. 23.

Bailey, Harold P. (See Mahannah, E. A., and Bailey.)

Bailey, James, West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus and method for the preparation and handling of plastic material. 2,207,426; July 9.

Bailey, James R., and J. L. Meadows, Austin, Tex., assignors to Union Oil Company of California, Los Angeles, Calif. Fractionation of nitrogen bases. 2,189,278; Feb. 6.

Bailey, Joseph E., Jacksonville, Fla. Wheel removing and replacing apparatus. 2,208,491; July 16.

Bailey, Leonard R., Salt Lake City, Utah. Cutting tool for plaster casts. 2,221,565; Nov. 12.

Bailey Meter Company. (See Bailey, Ervin G., assignor.)

Bailey Meter Company. (See Bailey, E. G., and Dickey, assignors.)

Bailey Meter Company. (See Barnes, Frederick A., assignor.)

Bailey Meter Company. (See Dickey, Paul S., assignor.)

Bailey Meter Company. (See Dueringer, Walter E., assignor.)

Bailey Meter Company. (See Fitch, Edward W., assignor.)

Bailey Meter Company. (See Gorrie, Harvard H., assignor.)

Bailey Meter Company. (See Johnson, Clarence, assignor.)

Bailey Meter Company. (See Junkins, Raymond D., assignor.)

Bailey Meter Company. (See Luhrs, John F., assignor.)

Bailey Meter Company. (See Ryder, John D., assignor.)

Bailey Meter Company. (See Weaver, Harry E., assignor.)

Bailey Meter Company. (See Woolley, Rew E., assignor.)

Bailey, Milo, Detroit, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Apparatus for treating tires. 2,193,119; Mar. 12.

Bailey, Otterbein A., Chicago, Ill., assignor to The Guardite Corporation. Distributing fine particles throughout a bulk material. 2,217,933; Oct. 15.

Bailey, Perkins H., New York, N. Y., assignor to Talon, Inc. Slider for slide fasteners. 2,214,704; Sept. 10.

Bailey, Perkins H., New York, N. Y., assignor to Talon, Inc. Garment. 2,217,885; Oct. 15.

Bailey, Robert W., Narberth, Pa. Vibratory apparatus. 2,198,148; Apr. 23.

Bailey, Theodore, Habana, Cuba. Flour sifter. 2,204,920; June 18.

Bailey, W. J., et al. (See Brandenburg, Harry J., assignor.)

Bailey, Warren G., Evanston, assignor to O-Cedar Corp'n, Chicago, Ill. Mop head. 2,214,519; Sept. 10.

Bailey, William A., Jr. (See Fleischer, J., and Bailey.)

Bailey, William A., New York, N. Y. Portable heater and cooker. 2,219,170; Oct. 22.

Bailey, William H., Pueblo, Colo., assignor to The Colorado Fuel and Iron Corporation. Forming tie plates. 2,198,986; Apr. 30.

Baillie, Wallace E., McDonald, Pa., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Air circulator for refrigerator cars. 2,195,639; Apr. 2.

Baillio, Alexander F., assignor to General Motors Corporation, Detroit, Mich. Air cleaner and silencer assembly. 2,217,830; Oct. 15.

Baily, Robert W., Narberth, Pa. Apparatus for multiphase vibration. 2,204,007; June 11.

Baily, Robert W., Narberth, Pa. Apparatus for placement of concrete. 2,224,506; Dec. 10.

Bain, Forée, deceased, late of La Grange, Ill., by Casco Products Corporation, Bridgeport, Conn., by mesne assignments. Cigar lighter. Re. 21,546; Sept. 3.

Bainbridge, Kenneth T., New York, N. Y., assignor to General Electric Company. Photoelectric apparatus. 2,206,713; July 2.

Bainton, Raymond, Santa Monica, Calif. Cover for sealing liquid surfaces. 2,227,172; Dec. 31.

Bair, George J., Pittsburgh, and R. A. Miller, Tarentum, Pa., assignors to N. S. Garbisch. Manufacture of siliceous bodies. 2,220,750; Nov. 5.

Bair, John T., et al. (See Berstler, Carl E., assignor.)

Baird, Albert W., Elizabeth, N. J., and F. G. Outcalt, New Rochelle, N. Y., assignors to The Linde Air Products Company. Welding rod reel. 2,188,070; Jan. 23.

Baird, Charles, Detroit, Mich. Making cast tool steel. 2,195,402; Apr. 2.

Baird, Dudley. (See Hartley, H. J., and Baird.)

Baird, Edgar W., Jr. (See Seeger, A. M., and Baird.)

Baird, Fred J., Kent, and A. L. Simison, Newark, Ohio, assignors, by mesne assignments, to Owens-Corning Fiberglas Corporation. Commutator. 2,202,820; June 4.
Baird, George R., et al. (See Madsen, Carl A., assignor.)
Baird Machine Company, The. (See Barnes, Leslie W., assignor.)
Baird Machine Company, The. (See Bunnell, Earl C., assignor.)
Baird Television Limited. (See Dovaston, G., and Graham, assignors.)
Baird Television Limited. (See Grayson, Harry, assignor.)
Baird Television Limited. (See Nuttall, Thomas C., assignor.)
Baird Television Limited. (See Ridgeway, Denis V., assignor.)
Baird Television Limited. (See Sommer, Alfred, assignor.)
Baird Television Limited. (See Tingley, George R., assignor.)
Baird, William J., Birmingham, Mich. Plastic forming apparatus. 2,218,804; Oct. 22.
Baird, William M, Chicago, Ill. Refrigerated locker system. 2,198,239; Apr. 23.
Baird, William M., Chicago, Ill. Refrigerated drawer unit. 2,218,632; Oct. 22.
Baird, William M., Chicago, Ill. Drawer for refrigerated locket system. 2,226,962; Dec. 31.
Baird, William, R. F. Goldstein, M. Jones, and E. M. Meade, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Preservation of rubber. 2,196,719; Apr. 9.
Baisch, Carl F., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,185,324; Jan. 2.
Baisch, Carl F., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,202,642; May 28.
Baisch, Carl F., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Packing for hydraulic actuators. 2,208,620; July 23.
Baity, Delbert R., Lancaster, Calif. Automatic brake. 2,222,326; Nov. 19.
Bakelaar, John H. (See Carroll, F. M., and Bakelaar.)
Bakelite Building Products Co. Inc. (See Brownmiller, Lorrin T., assignor.)
Bakelite Building Products Co. (See Harshberger, Norman P., assignor.)
Bakelite Building Products Co. (See Harshberger, N. P., and Ochs, assignors.)
Bakelite Building Products Co. (See Ochs, Sidney A., assignor.)
Bakelite Building Products Co. (See Vane, Augustus S., assignor.)
Bakelite Corporation. (See Courtney, Robert P., assignor.)
Bakelite Corporation. (See Meharg, Virgil E., assignor.)
Bakelite, Corporation. (See Molinari, Vittorio, assignor.)
Bakelite Corporation. (See Seebach, Fritz, assignor.)
Bakelite Corporation. (See Weith, George S., assignor.)
Baker, Albert L., Summit, assignor to Gasoline Products Company, Inc., Jersey City, N. J. Air register for burners. 2,211,684; Aug. 13.
Baker, Albert L., Summit, assignor to Gasoline Products Company, Inc., Newark, N. J. Method and apparatus for firing furnaces. 2,220,387; Nov. 5.
Baker, Anthony P., assignor of one-half to J. R. Gaymer, Lansing, Mich. Automobile door lock. 2,217,151; Oct. 8.
Baker, Benjamin P. (See Leeds, W. M., Ortensi, and Baker.)
Baker, Benjamin P., Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,185,719; Jan. 2.
Baker Brothers, Inc. (See Hallenbeck, G. E., and Jobst, assignors.)
Baker, Carl F., Taft, Calif. Core catcher. 2,221,392; Nov. 12.
Baker, Carl I., Pearl River, N. Y., V. D. Barker, Westfield, N. J., and C. W. Maurer, Freeport, assignors to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for making grids. 2,225,853; Dec. 24.
Baker Castor Oil Company, The. (See Colbeth, Ivor M., assignor.)
Baker, Charles S., Corning, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Compressor regulator. Re. 21,329; Jan. 23.
Baker, Charles S., Corning, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Compressor regulator. 2,212,631; Aug. 27.
Baker, Charles S., Corning, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Compressor regulator. 2,225,854; Dec. 24.
Baker, Chester A., Montclair, N. J. Brush for dental plates. 2,208,013; July 16.
Baker, Chester L. (See Vail, J. G., and Baker.)
Baker, Clarence H. (See De Motte, M. P., Baker, and Pierson.)
Baker, Claude M., et al. (See Wright, William, assignor.)
Baker, Clyde A., S. M. Dockerty, and R. L. Hamilton, Corning, N. Y., assignors, by mesne assignments, to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Skirted blower. 2,224,466; Dec. 10.
Baker & Company et al. (See Chastain, George M., Jr., assignor.)
Baker and Co., et al. (See Richardson, Henry K., assignor.)
Baker & Company. (See Sivil, C. S., and Liebig, assignors.)
Baker & Company et al. (See Zimmerman, Fritz, assignor.)
Baker, David B., Riverside, Ill., assignor to International Harvester Company. Pump. 2,197,288; Apr. 16.
Baker, David B., Riverside, C. R. Rogers, Oak Park, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Track roller arrangement. 2,189,160; Feb. 6.
Baker, David B., Riverside, C. R. Rogers, Oak Park, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Track-type tractor. 2,197,289; Apr. 16.
Baker, David B., Riverside, C. R. Rogers, Oak Park, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Control mechanism. 2,197,290; Apr. 16.
Baker, David B., Riverside, W. O. Bechman, Chicago, R. C. Hartsough, Berwyn, and L. F. Overholt, Riverside, Ill., assignors to International Harvester Company. Air cleaner. 2,199,019; Apr. 30.
Baker, David B., Riverside, C. R. Rogers, Oak Park, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Fuel tank and seat mounting. 2,200,764; May 14.
Baker, David B., Riverside, C. R. Rogers, Oak Park, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Transmission. 2,209,046; July 23.
Baker, David B., Riverside, C. R. Rogers, Oak Park, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Power take-off. 2,210,998; Aug. 13.
Baker, David B., Riverside, C. R. Rogers, Oak Park, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Tractor. 2,213,374; Sept. 3.
Baker, David B., Riverside, and J. E. Anthony, Western Springs, Ill., assignors to International Harvester Company. Tractor transmission. 2,214,805; Sept. 17.
Baker, David B., Riverside, C. R. Rogers, Oak Park, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Mounting for vehicle control means. 2,214,806; Sept. 17.
Baker, David B., Riverside, C. R. Rogers, Oak Park, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Tractor construction. 2,219,884; Oct. 29.
Baker, David B., Riverside, C. R. Rogers, Oak Park, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Tractor. 2,225,202; Dec. 17.
Baker, David S., Greenwich, Conn. Quiz device. 2,213,974; Sept. 10.
Baker, Edward B., Detroit, Mich., assignor, by mesne assignments, to General Electric Company. Luminous brick and construction comprising the same. 2,216,220; Oct. 1.
Baker, Edward E., Mamaroneck, assignor to Continental Can Company, Inc., New York, N. Y. Container with hinged cover. 2,195,161; Mar. 26.
Baker, Edward I., Atlantic City, N. J. Fishing tackle. 2,222,277; Nov. 19.
Baker, Edward W., assignor to Jefferson Union Company, Lexington, Mass. Work handling apparatus for machine tools and the like. 2,187,297; Jan. 16.
Baker, Elward P., Henderson, Tex. Carpenter's wrecking tool. 2,195,667; Apr. 2.
Baker, Ernest G. (See Pitt, N. P., and Baker.)
Baker, Erwin G., Indianapolis, Ind. Mixing device. 2,194,377; Mar. 19.
Baker, Frederick W., Stourbridge, England. Vehicle wheel. 2,202,080; May 28.
Baker, George H. (See Robertson, George L., assignor.)
Baker, George T. (See Taylor, R., and Baker.)
Baker, George T. (See Taylor, R., Baker, and Gillings.)
Baker, George T., Liverpool, England, assignor to Associated Telephone & Telegraph Company, Chicago, Ill. Telephone system. 2,210,873; Aug. 13.
Baker, Harry R., Chula Vista, assignor to J. C. Miller, Compton, Calif. Watch strap. 2,186,089; Jan. 9.
Baker, Henry V., Baltimore, Md. Photoprinting apparatus. 2,207,449; July 9.
Baker, Hugh J., deceased; V. F. Baker, administratrix, assignor to Hugh J. Baker & Company, Indianapolis, Ind. Shore. 2,199,605; May 7.
Baker, Hugh J., & Company. (See Baker, Hugh J., assignor.)
Baker, J. E., Cleveland, Ohio. Gas plant. 2,207,689; July 9.
Baker, J. T., Chemical Co. (See Doushkess, William N., assignor.)
Baker, John A., Long Beach, Calif. Amusement device. 2,195,805; Apr. 2.
Baker, John B., assigner to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing. 2,195,795; Apr. 2.
Baker, John C., assignor to Norton Company, Worcester, Mass. Cam burring apparatus. 2,196,092; Apr. 2.

Baker, John S., assignor to Cook Electric Company, Chicago, Ill. Control for heating systems. 2,221,041; Nov. 12.
Baker, John S., assignor to Cook Electric Company, Chicago, Ill. Pole cable terminal. 2,223,539; Dec. 3.
Baker, John S., assignor to Cook Electric Company, Chicago, Ill. Protector unit. 2,223,540; Dec. 3.
Baker, John S., and R. M. Schultz, assignors to Cook Electric Company, Chicago, Ill. Thermostat. 2,222,062; Nov. 19.
Baker, Joseph S., Arlington, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Preparing ammonium mandelate. 2,209,314; July 30.
Baker, Judd O., Westmont, N. J., assignor to Radio Corporation of America. Sound record. 2,199,606; May 7.
Baker, Kenneth V. (See Morrow, J. H., Baker, and Reeves.)
Baker, Leonard, Hillsdale, N. J., assignor to Dexter Folder Company, New York, N. Y. Method of and apparatus for feeding sheets. 2,214,896; Sept. 17.
Baker, Lin E., San Francisco, Calif. Apparatus for underwater electric barrier. 2,193,915; Mar. 19.
Baker, Louis S., Milltown, and R. J. Quaid, South River, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitrating cellulose. 2,219,644; Oct. 29.
Baker Manufacturing Co. (See Buffington, Harry C., assignor.)
Baker, Marlin S., assignor to The Parker Pen Company, Janesville, Wis. Fountain pen. 2,223,541; Dec. 3.
Baker-McMillen Company, The. (See Sperry, John A., assignor.)
Baker Oil Tools, Inc. (See Baker, Reuben C., assignor.)
Baker Oil Tools, Inc. (See Baker, R. C., and Burt, assignors.)
Baker Oil Tools, Inc. (See Baker, R. C., Burt, and Ragan, assignors.)
Baker Oil Tools, Inc. (See Baker, R. C., and Ragan, assignors.)
Baker Oil Tools, Inc. (See Burt, C. E., and Graham, assignors.)
Baker Oil Tools, Inc. (See Burt, Clarence E., assignor.)
Baker Oil Tools, Inc. (See Grubb, John H., assignor.)
Baker Oil Tools, Inc. (See Kofahl, Jacob L., assignor.)
Baker Oil Tools, Inc. (See Ragan, Thomas M., assignor.)
Baker, Orin C., Cleveland, Ohio. Structural element. 2,190,004; Feb. 13.
Baker, Paul, assignor to L. W. Christophel, Redondo Beach, Calif. Two-way loud-speaking telephone. 2,226,891; Dec. 31.
Baker, Paul G., and J. H. Watts, North Judson, Ind. Article for babies. 2,199,869; May 7.
Baker, Paul S. (See Beisel, R. B., and Baker.)
Baker Perkins Company. (See Engels, Eugene O., assignor.)
Baker Perkins, Company. (See Florian, Otto, assignor.)
Baker Perkins Company. (See Grötzinger, Wilhelm, assignor.)
Baker Perkins Company. (See Haug, F., and Baur, assignors.)
Baker Perkins Company. (See Ricker, Frederick G., assignor.)
Baker Perkins Company, Inc. (See Paterson, John C., assignor.)
Baker, Perkins Company Inc. (See Tunley, A. A., and Paterson, assignors.)
Baker Perkins Incorporated. (See Pointon, J. E., and Dumbleton, assignors.)
Baker Perkins Limited. (See Brockbank, Allan P., assignor.)
Baker Perkins Limited. (See Pointon, J. E., Tanqueray, and Dewhurst, assignors.)
Baker Perkins Limited. (See Tunley, A. A., and Prescott, assignors.)
Baker-Raulang Company, The. (See Hawkins, Paul E., assignor.)
Baker-Raulang Company, The. (See Stahl, Edward J., assignor.)
Baker-Raulang Company, The. (See Stoner, Frank, assignor.)
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Well Cementing apparatus. 2,187,480; Jan. 16.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Well Cementing apparatus. 2,187,483; Jan. 16.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Cement retainer. 2,189,697; Feb. 6.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Packing for well devices. 2,204,648; June 18.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Well packing device. 2,222,014; Nov. 19.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Apparatus for cementing well bores. 2,196,652; Apr. 9.
Baker, Reuben C., Coalinga, and C. E. Burt, Los Angeles, assignors to Baker Oil Tools, Inc., Huntington Park, Calif. Well packer. 2,187,481; Jan. 16.
Baker, Reuben C., Coalinga, and T. M. Ragan, Los Angeles, assignors to Baker Oil Tools, Inc., Huntington Park, Calif. Cement retainer. 2,187,482; Jan. 16.
Baker, Reuben C., Coalinga, and C. E. Burt, Los Angeles, assignors to Baker Oil Tools, Inc., Huntington Park, Calif. Cementing, washing, and acidizing retainer for perforated well casings. 2,196,653; Apr. 9.
Baker, Reuben C., Coalinga, and C. E. Burt and T. M. Ragan, Los Angeles, assignors to Baker Oil Tools, Inc., Huntington Park, Calif. Well packer mechanism. 2,225,143; Dec. 17.
Baker, Robert D., Birmingham, Mich. Fine-grading machine. 2,186,059; Jan. 9.
Baker, Robert E., assignor to Glascock Brothers Mfg. Co., Muncie, Ind. Refrigerator top. 2,189,389; Feb. 6.
Baker, Robert E., assignor to Glascock Brothers Mfg. Co., Muncie, Ind. Cover for dispensing refrigerators. 2,202,476; May 28.
Baker, Robert E., assignor to Glascock Brothers Mfg. Co., Muncie, Ind. Cover for bottle coolers. 2,202,684; May 28.
Baker, Roger W., Mishawaka, assignor to G. F. Martin, Jr., Elkhart, Ind. Centering jig. 2,211,634; Aug. 13.
Baker, Russell D. (See King, P. R., and Baker.)
Baker, V. P., et al. (See Ford, Keith, assignor.)
Baker, Velma F., administratix. (See Baker, Hugh J.)
Baker, Virgil P., et al. (See Armentrout, Arthur L., assignor.)
Baker, W. J., Co. (See Baker, W. J., and Konen, assignors.)
Baker, Walter, Cedar Rapids, Iowa, assignor, by mesne assignments, to Link-Belt Speeder Corporation. Saddle block structure for excavators. 2,211,194; Aug. 13.
Baker, William J., and H. Konen, assignors to W. J. Baker Co., Inc., Newport, Ky. Screen frame structure. 2,224,373; Dec. 10.
Baker, William P., Brooklyn, N. Y. Ship's hull. 2,191,904; Feb. 27.
Bakken, Andrew H., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,199,607; May 7.
Bakker, Arjen, The Hague, and H. Cornelis Antonie van Duuren, Noordwijkerhout, Netherlands, assignors to Radio Corporation of America. Telegraph system with repetition of the signals. 2,203,609; June 4.
Bakker, Pier. (See Lomax, C. E., and Bakker.)
Bakker, Pier, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,199,534; May 7.
Bakker, Pier, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 2,200,817; May 14.
Balachowsky, Dmitri, Paris, France. Catalyzer. 2,206,685; July 2.
Balachowsky, Georges, Paris, France, assignor to General Electric Company. Electric circuit breaker. 2,219,171; Oct. 22.
Balázs, Arthur, Budapest, Hungary. Fountain pen for solid ink. 2,201,421; May 21.
Balcar, Frederick R., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Producing chlorine. 2,204,172; June 11.
Balcar, Frederick R., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Separation of acetylene from gaseous mixtures containing it. 2,217,429; Oct. 8.
Balcar, Frederick R., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of ethylene, etc. 2,218,495; Oct. 15.
Balcar, Otto, Cedar Rapids, Iowa. Rail joint. 2,204,395; June 11.
Balch, Ralph H., T. C. Campbell, and J. L. Grant, Cumberland, Md., assignors to Celanese Corporation of America. Direct warping. 2,185,621; Jan. 2.
Balch, Ralph H., T. C. Campbell, and J. L. Grant, Cumberland, Md., assignors to Celanese Corporation of America. Textile apparatus. 2,221,174; Nov. 12.
Balch, Thomas V. (See Bohnsack, J. A., and Balch.)
Bald, Warren L., Los Angeles, Calif. Hydraulic oil well packer. 2,186,230; Jan. 9.
Baldenhofer, William G., assignor to The Thompson Grinder Company, Springfield, Ohio. Hydraulic control device. 2,216,800; Oct. 8.
Balder, John R., Stratford, Conn., assignor to Remington Arms Company, Inc. Cutlery. 2,195,846; Apr. 2.
Balder, John R., and T. B. Curran, Bridgeport, Conn., assignors to Remington Arms Company, Inc. Ammunition. 2,193,664; Mar. 12.
Baldeschwieler, Emile L. (See Sweeney, W. J., and Baldeschwieler.)
Baldeschwieler, Emile L., Cranford, and P. J. Wiezevich, Elizabeth, N. J.; said Wiezevich, now by judicial change of name to P. J. Gaylor, assignors to Standard Oil Development Company. Waterproofing compound. 2,199,193; Apr. 30.
Baldsiefen, Walter D., Metuchen, N. J., assignor to Du Pont Film Manufacturing Corporation, New York, N. Y. Antihalation photographic element. 2,203,767; June 11.
Baldsiefen, Walter D., Metuchen, N. J., assignor to Du Pont Film Manufacturing Corporation, New York, N. Y. Antihalation photographic element. 2,203,768; June 11.
Baldwin, Bernard. (See Matlock, C. C., and Baldwin.)

Baldwin, Charles C., St. Louis, Mo. Razor blade package. 2,186,231; Jan. 9.
Baldwin, Charles C., St. Louis, Mo. Package for merchandising chewing gum. 2,210,194; Aug. 6.
Baldwin, Charles C., St. Louis, Mo. Package for merchandising chewing gum. 2,210,195; Aug. 6.
Baldwin, Charles C., St. Louis, Mo. Package for merchandising chewing gum. 2,210,196; Aug. 6.
Baldwin, Charles C., St. Louis, Mo. Match book. 2,217,854; Oct. 15.
Baldwin, Charles F., Schenectady, and S. A. Bokovoy, Audubon, N. J., assignor to Radio Corporation of America. Piezoelectric quartz element. 2,212,139; Aug. 20.
Baldwin, Clyde P. (See Joy, J. F., and Baldwin.)
Baldwin Company, The. (See Day, Wilbur M., assignor.)
Baldwin Company, The. (See Day, W. M., and Huettemann, assignors.)
Baldwin Company, The. (See Kock, Winston E., assignor.)
Baldwin Company, The. (See Kock, W. E., and Jordan, assignors.)
Baldwin Company, The. (See Morse, A. H., and Knoblaugh, assignors.)
Baldwin Company, The. (See Morse, A. H., and Pieper, assignors.)
Baldwin, Curtis C., San Bernadino, Calif., assignor to Rotary Reaper Corporation, Kansas City, Mo. Combine. 2,212,465; Aug. 20.
Baldwin, Earl J. (See Larson, Frank A., assignor.)
Baldwin, Everett E., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,226,544; Dec. 31.
Baldwin Locomotive Works, The. (See Dinzl, Richard W., assignor.)
Baldwin Locomotive Works, The. (See Doyle, William L. H., assignor.)
Baldwin Locomotive Works, The. (See Emery, A. H., and Ruch, assignors.)
Baldwin Locomotive Works, The. (See Fullerton, Herbert S., assignor.)
Baldwin Locomotive Works, The. (See Peters, Orville S., assignor.)
Baldwin Locomotive Works, The. (See Ruch, Herman J.)
Baldwin Locomotive Works, The. (See Tate, Malcolm C., assignor.)
Baldwin, Payte, et al. (See Hardy, Edgar J., and C.)
Baldwin, Philip S., Florence, Italy. Packing and power transmission unit. 2,197,915; Apr. 23.
Baldwin, Philip S., Florence, Italy. Fluid pressure transmission. 2,219,610; Oct. 29.
Baldwin-Southwark Corporation. (See Dinzl, Richard W., assignor.)
Baldwin-Southwark Corporation. (See Weiland, A., and Zwickl, assignors.)
Baldwin, Wayne A., Watertown, N. Y., assignor to The New York Air Brake Company. Air filter. 2,226,045; Dec. 24.
Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Shelving. 2,213,115; Aug 27.
Balfe, George T., assignor to Detroit Gasket & Mfg. Company, Detroit, Mich. Making gaskets. 2,185,908; Jan. 2.
Balfe, George T., assignor to Detroit Gasket & Mfg. Company, Detroit, Mich. Gasket. 2,197,916; Apr. 23.
Balfe, George T., assignor to Detroit Gasket & Manufacturing Company, Detroit, Mich. Gasket and manufacturing same. 2,211,045; Aug. 13.
Balfe, George T., assignor to Detroit Gasket & Manufacturing Company, Detroit, Mich. Glass run channel structure. 2,216,105; Oct. 1.
Balfour, Robert, Dundee, Scotland. Shock absorbing means for shuttles. 2,205,025; June 18.
Balinkin, Isay, Cincinnati, Ohio. Crystal form demonstrator. 2,206,149; July 2.
Balke, Claire C. (See Balke, Clarence W. and C. C.)
Balke, Clarence W., Highland Park, assignor to Ramet Corporation of America, North Chicago, Ill. Hard metal alloy. 2,202,821; June 4.
Balke, Clarence W., Highland Park, F. L. Hunter, Jr., Lake Bluff, and R. A. Haskell, Waukegan, assignors to Fansteel Metallurgical Corporation, North Chicago, Ill. Hard alloy. 2,191,446; Feb. 27.
Balke, Clarence W. and C. C., Highland Park, assignors to Fansteel Metallurgical Corporation, Chicago, Ill. Production of metals and alloys. 2,205,386; June 25.
Balke, Clarence W. and C. C., Highland Park, assignors to Ramet Corporation of America, North Chicago, Ill. Hard metal alloy process. 2,207,708; July 16.
Balkwill, Frank L., Stockton, Calif. Graphite feeder. 2,216,106; Oct. 1.
Ball, Albert L. (See Benner, R. C., and Ball.)
Ball, Albert L., Lewiston Heights, assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Abrasive articles and manufacturing the same. 2,213,332; Sept. 3.
Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Garnish molding retainer. 2,214,918; Sept. 17.
Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Trim panel assembly. 2,226,840; Dec. 31.
Ball & Ball Carburetor Company. (See Ball, Frederick O. and T. M., assignors.)
Ball & Ball Carburetor Company. (See Ball, Thomas M., assignor.)
Ball, Bernard A., Smethport, Pa. Tenpin setting machine. 2,221,697; Nov. 12.
Ball Brothers Company. (See Ludington, Lawrence L., assignor.)
Ball Brothers Company. (See Wadsworth, Frank L. O., assignor.)
Ball, Charles O., Oak Park, Ill., assignor to American Can Company, New York, N. Y. Method of canning. 2,209,315; July 30.
Ball, Cornelia M., executrix. (See Ball, Frederick O. and T. M.)
Ball, Denver B. (See Postlethwait, Columbus E., assignor.)
Ball, Ed. (See Yerkey, Grover W., assignor.)
Ball, Frederick O. and T. M., Detroit, Mich.; C. M. Ball, executrix of F. O. Ball, deceased, assignors to Ball and Ball Carburetor Company. Carburetor. 2,194,783; Mar. 26.
Ball, Frederick O. and T. M., Detroit, Mich; C. M. Ball, executrix of F. O. Ball, deceased, assignors to Ball & Ball Carburetor Company. Carburetor. 2,205,457; June 25.
Ball, George A. (See Tinker, Walter H., assignor.)
Ball, George L. (See Fulton, K. H., and Ball.)
Ball, George L. (See Schmidt, C. F., Jr., and Ball.)
Ball, Harold H., Newark, N. J. Washing machine. 2,196,804; Apr. 9.
Ball, Harvey W., assignor to The Morgan Engineering Company, Alliance, Ohio. Sheave block. 2,218,412; Oct. 15.
Ball, Joseph A., and W. E. Pohl, assignors to Technicolor Motion Picture Corporation, Hollywood, Calif. Light dividing device. 2,189,932; Feb. 13.
Ball, Joseph A., and W. E. Pohl, assignors to Technicolor Motion Picture Corporation, Hollywood, Calif. Light dividing device. 2,189,933; Feb. 13.
Ball, Otis W., Northumberland, Pa. Fishhook. 2,225,965; Dec. 24.
Ball, Russell C., Philadelphia, Pa. Compensating device for valve control. 2,222,699; Nov. 26.
Ball, Samuel S., Jersey City, N. J. Fastening device. 2,221,125; Nov. 12.
Ball, Thomas J., Boston, Mass. Apparatus for dislodging surface materials. 2,218,512; Oct. 22.
Ball, Thomas J., Boston, Mass. Apparatus for dislodging material. 2,225,614; Dec. 24.
Ball, Thomas M. (See Ball, Frederick O. and T. M.)
Ball, Thomas M., assignor to Ball & Ball Carburetor Company, Detroit, Mich. Carburetor control mechanism. 2,205,458; June 25.
Ball, Thomas M., and A. J. E. Roualet, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Fuel tank. 2,208,621; July 23.
Ballamy, Leslie M., Caterham-on-Hill, England. Differential gear. 2,207,310; July 9.
Ballard, Charles U., Inglewood, Calif. Hydraulic steering and control device. 2,192,175; Mar. 5.
Ballard, Claude D. (See Moe, Mathias, assignor.)
Ballard, Delmont L., Worcester, Mass. Calculating device for regrading a set of marks. 2,206,760; July 2.
Ballard, Earcy, San Diego, Calif. Toothpick dispenser. 2,197,234; Apr. 16.
Ballard, Herman E., Berkeley, Calif. Lubricant. 2,201,217; May 21.
Ballard, Howard T., et al., trustees. (See Pratt, Harry P., assignor.)
Ballard, John H., and W. H. Spencer, assignors to Sealed Power Corporation, Muskegon, Mich. Bearing member. 2,191,435; Feb. 27.
Ballard, Julius. (See Nightenhelser, B., and Ballard.)
Ballard, Randall C., Audubon, N. J., assignor to Radio Corporation of America. Tone control system. 2,192,959; Mar. 12.
Ballard, Randall C., Audubon, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. View transmission system. 2,217,831; Oct. 15.
Ballard, Randall C., Merchantville, N. J., assignor to Radio Corporation of America. Television apparatus. 2,215,285; Sept. 17.
Ballard, Roscoe F. (See Kennedy, J. H., and Ballard.)
Ballard, William K. (See Wright, W. H., and Ballard.)
Ballay, Marcel, Paris, France, assignor to The International Nickel Company, Inc., New York, N. Y. Obtaining bright and semibright electrodeposits of nickel. 2,208,657; July 23.
Balle, Gerhard. (See Orthner, L., Balle, and Horst.)
Balle, Gerhard. (See Orthner, L. Balle, Rosenbach, and Bonstedt.)
Balle, Gerhard. (See Steindorff, A., Balle, Heimke, and Horst.)
Balle, Gerhard. (See Steindorff, A., Balle, Horst, and Michel.)
Balle, Gerhard. (See Steindorff, A., Balle, Horst, and Rosenbach.)
Balle, Gerhard, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. High-molecular polycarboxylic acid amides and their production. 2,191,738; Feb. 27.

Balle, Gerhard, Frankfort-on-the-Main, and K. Horst, Hofheim in Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Quaternary nitrogen compounds and preparing them. 2,191,978; Feb. 27.

Balle, Gerhard, and H. Wagner, Frankfort-on-the-Main, and E. Nold, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Benzene carboxylic acids alkylated in the nucleus and preparing them. 2,195,198; Mar. 26.

Balle, Gerhard, Frankfort-on-the-Main, J. Rosenbach, Wiesbaden, and G. Dittus, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Capillary active compounds and preparing them. 2,210,442; Aug. 6.

Balle, Gerhard, and H. Schild, Frankfort-on-the-Main, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Preparing cyclic carboxylic acids substituted in the nucleus. 2,210,874; Aug. 13.

Balle, Gerhard, and H. Schild, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Condensation products of acid amidelike constitution and preparing them. 2,215,367; Sept. 17.

Ballentine, Earle W. (See Young, Raymond E., assignor.)

Ballentine, William I., Chicago, Ill. Switch mechanism. 2,189,440; Feb. 6.

Ballew, Edward A., Everett, Wash. Artificially graining surfaces. 2,194,110; Mar. 19.

Ballintine, Elmer J. (See Morris, P. R., and Ballintine.)

Ballman, Edwin C., St. Louis, Mo. Method and means for balancing grinding wheels. 2,216,308; Oct. 1.

Ballman, Edwin C., St. Louis, Mo. Resistor type split phase motor. 2,224,422; Dec. 10.

Ballou, B. A., & Co. (See Morehouse, Eugene, assignor.)

Balmes Solanas, Ramon, Pinedes de Llobregat, Spain. Drawing mechanism for textile slivers. 2,205,701; June 25.

Baloun, Kurt, Berlin-Haselhorst, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 2,186,315; Jan. 9.

Balsiger, Harold E., assignor to Landis Tool Company, Waynesboro, Pa. Sizing device. 2,190,306; Feb. 13.

Balsiger, Harold E., assignor to Landis Tool Company, Waynesboro, Pa. Pressure regulator for sizing devices. 2,220,470; Nov. 5.

Balsiger, Harold E., assignor to Landis Tool Company, Waynesboro, Pa. Grinding machine. 2,220,471; Nov. 5.

Balsiger, Harold E., and C. L. Ott, assignors to Landis Tool Company, Waynesboro, Pa. Machine for grinding noncircular work. 2,201,218; May 21.

Balsiger, Harold E., and R. E. Price, assignors to Landis Tool Company, Waynesboro, Pa. Grinding wheel feeding mechanism. 2,211,530; Aug. 13.

Balsley, James R., Beverly Hills, Calif., assignor, by mesne assignments, to Westinghouse X-Ray Company, Inc., Long Island City, N. Y. Sound recording system. 2,193,665; Mar. 12.

Balster, Albert, Chicago, Ill. Desk. 2,186,316; Jan. 9.

Balthasar, Harry G., Cincinnati, Ohio. Venetian blind tilter mechanism. 2,224,712; Dec. 10.

Balthasar, Harry G., West Tower Park, assignor to The Edward J. Hoff Company, Cincinnati, Ohio. Venetian blind mechanism. 2,188,639; Jan. 30.

Balthasar, Harry G., West Tower Park, assignor, by mesne assignments, to The Sprayomatic Products Company, Cincinnati, Ohio. Price marking ticket. 2,197,738; Apr. 16.

Balthasar, Harry G., West Tower Park, assignor to The Edward J. Hoff Company, Cincinnati, Ohio. Tilting device. 2,227,211; Dec. 31.

Baltimore Development Corporation. (See Barcus, John W., assignor.)

Balton, James. (See Bereck, Daniel, assignor.)

Balton, James, Baltimore, Md., assignor to Maryland Baking Company. Cone dispenser. 2,210,829; Aug. 6.

Balz, Emil H., assignor to Plaskon Company, Incorporated, Toledo, Ohio. N-methyl saccharin in formaldehyde-urea molding compositions. 2,201,021; May 14.

Balz, Max, Esslingen, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Shock absorber assembly, especially for motor vehicles. 2,199,063; Apr. 30.

Balz, William G. (See Shakespeare, H. G., and Balz.)

Bambenek, Joseph B., assignor to Peerless Chain Company, Winona, Minn. Chain link. 2,212,911; Aug. 27.

Bamber, Joseph, Stamford, Conn. Tube compressor. 2,194,882; Mar. 26.

Bamberg, Edward. (See Giffoniello, E., and Bamberg.)

Bamberger, Kurt. (See Weinand, K., and Bamberger.)

Bamford, Harry S., Philadelphia, Pa., assignor by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Apertured electrode for thermionic tubes. 2,185,395; Jan. 2.

Bancroft, Charles, New Canaan, Conn. Displacement means. Re. 21,583; Oct. 1.

Bancroft Holdings Limited. (See Johns, Henry S., assignor.)

Bancroft, Richard H., New Castle, assignor to The Perfect Circle Company, Hagerstown, Ind. Making piston rings. 2,214,650; Sept. 10.

Bancroft, Richard H., New Castle, assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring. 2,214,651; Sept. 10.

Bancroft, Richard H., New Castle, assignor to The Perfect Circle Company, Hagerstown, Ind. Iron alloy. 2,214,652; Sept. 10.

Bancroft, Wilder D., J. K. Wilson, and J. E. Rutzler, Jr., Ithaca, N. Y. Soluble organic phosphate fertilizer materials. 2,213,513; Sept. 3.

Bancroft, Wilder D., J. K. Wilson, and J. E. Rutzler, Jr., Ithaca, N. Y. Soil fertilization. 2,213,514; Sept. 3.

Bancroft, Wilder D., J. K. Wilson, and J. E. Rutzler, Jr., Ithaca, N. Y. Mixtures of organic phosphates and calcareous neutralizing agents. 2,213,515; Sept. 3.

Bancroft, Wilder D., J. K. Wilson, and J. E. Rutzler, Jr., Ithaca, N. Y. Fertilizer mixture. 2,213,619; Sept. 3.

Bancroft, Wilder D., J. K. Wilson, and J. E. Rutzler, Jr., Ithaca, N. Y. Organic phosphate. 2,213,620; Sept. 3.

Bancroft, Wilder D., J. K. Wilson, and J. E. Rutzler, Jr., Ithaca, N. Y. Peptized phosphatic fertilizer. 2,222,734; Nov. 26.

Bancroft, Wilder D., J. K. Wilson, and J. E. Rutzler, Jr., Ithaca, N. Y. Phosphate fertilizer. 2,222,735; Nov. 26.

Bancroft, Wilder D., J. K. Wilson, and J. E. Rutzler, Jr., Ithaca, N. Y. Phosphate fertilizer. 2,222,736; Nov. 26.

Bancroft, Wilder D., J. K. Wilson, and J. E. Rutzler, Jr., Ithaca, N. Y. Amine and phosphatic fertilizer. 2,222,737; Nov. 26.

Bancroft, Wilder D., J. K. Wilson, and J. E. Rutzler, Jr., Ithaca, N. Y. Phosphatic fertilizer. 2,222,738; Nov. 26.

Bandaway Inc. (See Gordon, Sumner S., assignor.)

Bandaway Inc. (See Nordberg, Ernst A., assignor.)

Bandcan Corporation. (See Seybold, Hermann G., assignor.)

Bandlow, William J., Dudley, Mass. Garment hanger and support. 2,215,345; Sept. 17.

Bandringa, Menze. (See Teves, M. C., Kraak, and Bandringa.)

Bandringa, Menze, and M. C. Teves, Eindhoven, Netherlands, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Mosaic electrode structure. 2,198,327; Apr. 23.

Bandur, Adolph F., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Heat treating apparatus. 2,211,311; Aug. 13.

Bandy, Robert W., Fresno, Calif. Press paper roll chuck. 2,219,124; Oct. 22.

Banfield, Bernard J., Aylesbury, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Radio receiver. 2,215,775; Sept. 24.

Bangasser, Louis W., assignor to Stover Manufacturing & Engine Co., Freeport, Ill. Windmill. 2,214,570; Sept. 10.

Bangert, Heinrich, Dusseldorf, Germany. Production of pipe conduits for chemical purposes. 2,198,149; Apr. 23.

Bangratz, Ernest G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric device. 2,186,189; Jan. 9.

Bangs, Ralph C., Providence, R. I., assignor to Cohn & Rosenberger Inc., New York, N. Y. Jewelry. 2,205,918; June 25.

Banigan, Thomas F., Kenmore, and O. E. Snyder, Buffalo, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Recovery of Glauber's salt. 2,190,280; Feb. 13.

Bank, Albert M., assignor to S. Bank, Jersey City, N. J. Upholstery construction. 2,185,396; Jan. 2.

Bank, Albert M., assignor to S. Bank, Jersey City, N. J. Upholstery construction. 2,192,294; Mar. 5.

Bank, Albert M., assignor to S. Bank, Jersey City, N. J. Upholstery construction. 2,207,773; July 16.

Bank, Sylvia. (See Bank, Albert M., assignor.)

Banker, Oscar H., Chicago, Ill. Valve actuating mechanism. 2,206,869; July 9.

Banker, Oscar H., Chicago, Ill. Valve actuating mechanism. 2,213,195; Sept. 3.

Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Change speed transmission mechanism. 2,198,072; Apr. 23.

Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Automatic transmission. 2,199,095; Apr. 30.

Bankers Box Company. (See Fellowes, Harry L., assignor.)

Banks, Dorothy A. (See Banks, Reginald M. and D. A.)

Banks, Frank K., Atlanta, Ga. Insecticide collar for animals. 2,205,711; June 25.

Banks, George B., Chelmsford, England, assignor to Radio Corporation of America. Cathode ray tube. 2,203,483; June 4.

Banks, George B., Billericay, England, assignor to Radio Corporation of America. Electron device. 2,207,503; July 9.

Banks, George B., Billericay, England, assignor to Radio Corporation of America. Electron multiplier tube. 2,221,070; Nov. 12.

Banks, Reginald M., and D. A., Woodmere, N. Y. Float. 2,216,871; Oct. 8.

Banks, William C., Jersey City, N. J. Welding cartridge. 2,225,028; Dec. 17.
Bann, Bernard. (See Clayton, J. H., and Bann.)
Bannenberg, Wilhelm, Velbert, Germany, assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Door closer. 2,209,553; July 30.
Banning, Thomas A., Jr., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Fuel feeding mechanism. 2,213,683; Sept. 3.
Bannister, Bryant, Mount Lebanon, Pa., assignor to National Tube Company. Skelp heating furnace. 2,214,157; Sept. 10.
Bannister, Bryant, Mount Lebanon, Pa., assignor to National Tube Company. Manufacturing metallic tubular articles. 2,216,718; Oct. 8.
Bannister, Leonard C., St. Helen's and W. J. Clements, assignors to British Insulated Cables Limited, Prescot, England. Winding flexible materials onto spools, bobbins, or the like. 2,206,246; July 2.
Bannister, Walter F., assignor of forty-nine per cent to H. G. Hard, Birmingham, Ala. Twist drill. 2,193,186; Mar. 12.
Bannon, Lewis A. (See Schneider, H. G., and Bannon.)
Bannon, William H. (See Voegeli, Frederick B., assignor.)
Banta, Harry R., Ashland, Oreg. Lawn mower. 2,218,865; Oct. 22.
Bantam Bearings Corporation. (See Frauenthal, H., and Thomas, assignors.)
Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Automatic control equipment for synchronous frequency converters. 2,198,470; Apr. 23.
Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Synchronizing equipment. 2,215,063; Sept. 17.
Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Control system. 2,219,172; Oct. 22.
Bappler, Charles T., assignor to The Bush Manufacturing Company, Hartford, Conn. Heat exchange apparatus. 2,203,075; June 4.
Baptist, Henri F. J., Forest-Brussels, Belgium. Rotary oven for the heat treatment of coal and other solid materials. 2,219,407; Oct. 29.
Barach, Alvan L., et al. (See Strange, Charles C., assignor.)
Barach, Edmund J., et al. (See Strange, Charles C., assignor.)
Barbarou, Marius, J.-B., Neuilly/Seine, France. Antifriction metaling of bearings. 2,199,125; Apr. 30.
Barbati, Joseph, Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe channel cementing machine. 2,208,694; July 23.
Barbeau, Thomas S., Ancaster, Ontario, Canada. Driving mechanism for screw drivers and drills. 2,219,509; Oct. 29.
Barbee, George C., Bigtimber, Mont. Flashlight. 2,221,126; Nov. 12.
Barber, Alfred W., Flushing, N. Y. Self-indicating mercury switch. 2,194,241; Mar. 19.
Barber, Alfred W., Flushing, N. Y. Light modulation system. 2,219,676; Oct. 29.
Barber, Clarence A., Gridley, Kans. Reversible power clutch. 2,188,215; Jan. 23.
Barber-Colman Company. (See Colman, Howard D., assignor.)
Barber-Colman Company. (See Drake, George F., assignor.)
Barber-Colman Company. (See Edgar, John, assignor.)
Barber-Colman Company. (See Germonprez, John A., assignor.)
Barber-Colman Company. (See Greenlee, Theodore K., assignor.)
Barber-Colman Company. (See Lilja, Edgar D., assignor.)
Barber-Colman Company. (See Noling, Martin N., assignor.)
Barber-Colman Company. (See Peterson, Burt A., assignor.)
Barber, Donn R., Saugus, Mass. Spearhead nozzle. 2,224,010; Dec. 3.
Barber, Everett M., Cambridge, Mass., assignor to The Texas Company, New York, N. Y. Lubricating railway car journals. 2,198,569; Apr. 23.
Barber, Forest C., Bartlesville, Okla. Pressure-seated closure. 2,191,066; Feb. 20.
Barber, Forest C., Bartlesville, Okla. Container closure. 2,206,150; July 2.
Barber, Frank, Toronto, Ontario, Canada. Variable speed and motion transmitting mechanism. 2,218,840; Oct. 22.
Barber, Howard B., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Sewing machine light or the like. 2,226,689; Dec. 31.
Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Rotary web printing press. 2,199,812; May 7.
Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Web perfecting rotary press. 2,202,134; May 28.
Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Cutting and folding machine. 2,211,046; Aug. 13.
Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Rotary intaglio printing press. 2,212,820; Aug. 27.
Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Rotary web printing press. 2,216,562; Oct. 1.
Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Driving mechanism for rotary printing presses. 2,219,734; Oct. 29.
Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Associating and folding mechanism. 2,222,278; Nov. 19.
Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Associating and folding mechanism. 2,222,279; Nov. 19.
Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Inking mechanism for printing presses. 2,223,945; Dec. 3.
Barber, James M., Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Stock fitting machine. 2,201,283; May 21.
Barbieri, Cesare, New York, N. Y., assignor to Dixie-Vortex Company, Chicago, Ill. Container making machine. 2,197,782; Apr. 23.
Barbieri, Cesare, New York, N. Y., assignor to Dixie-Vortex Company, Chicago, Ill. Container making machine. 2,203,515; June 4.
Barbieri, Cesare, New York, N. Y., assignor to Dixie-Vortex Company, Chicago, Ill. Container and making the same. 2,220,312; Nov. 5.
Barbieri, Nick, Brooklyn, N. Y. Half-lined coat. 2,195,806; Apr. 2.
Barbour Welting Company. (See Vizard, William C., assignor.)
Barcalo Manufacturing Company. (See Vallone, Joseph M., assignor.)
Barclay, McClelland, New York, N. Y. Camouflaging. 2,190,691; Feb. 20.
Barclay, William R., and H. Boothroyd, Leicester, England, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Heel building machine. 2,226,798; Dec. 31.
Barco Corporation. (See Barley, Albert C., Jr., assignor.)
Barcroft, William G., Boulder, Colo. Burglar alarm and trap. 2,187,928; Jan. 23.
Barcus, Anthony P. (See Hiester, H. M., and Barcus.)
Barcus, John W., assignor, by mesne assignments, to Baltimore Development Corporation, Baltimore, Md. Flexible driving connection. 2,190,857; Feb. 20.
Barcus, William H. (See Tarbox, L. A., and Barcus.)
Bard, Elmer H., assignor to Geerpres Wringer, Inc., Muskegon, Mich. Wringer. 2,199,906; May 7.
Bardega, Joseph S., Detroit, Mich. Circular racing toy. 2,205,459; June 25.
Bardin, Georges. (See Bergerioux, René, assignor.)
Bardsley, Howard C., Brisbane, Queensland, Australia. Waistband construction of trousers and the like. 2,216,030; Sept. 24.
Bardsley, Joseph R., Yonkers, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Loading apparatus case. 2,197,513; Apr. 16.
Bardsley, Willard W., Providence, assignor to Wardwell Braiding Machine Company, Central Falls, R. I. Fault detector and stopping device for textile machines. 2,190,169; Feb. 13.
Barényi, Béla, Paris, France, assignor to the firm Getefo, Gesellschaft für technischen Fortschritt m. b. H., Berlin, Germany. Rubber springing for motor vehicles. 2,202,615; May 28.
Baret, Albert. (See Schuermans, M., and Baret.)
Barett, Louis A., Lynn, Mass. Clamp buckle. 2,197,535; Apr. 16.
Barfod, Frederik, assignor to Bendix Products Corporation, South Bend, Ind. Pump. 2,221,071; Nov. 12.
Barge, Raymond H., Mineola, assignor to National Meter Company, Brooklyn, N. Y. By-pass compensator for meters. 2,189,750; Feb. 13.
Bargen, William J., Waukegan, Ill. Open top book box structure. 2,226,458; Dec. 24.
Barham, Theophilus A., Norfolk, Va. Fire escape. 2,205,026; June 18.
Barieau, Jerome E., Auburn, Calif. Ski binding. 2,208,829; July 23.
Bariffi, Herbert F., Hamden, Conn., assignor to General Electric Company. Electric heating apparatus. 2,196,005; Apr. 2.
Barium Reduction Corporation. (See Specht, Randolph C., assignor.)
Barium Stainless Steel Corporation. (See Bradford, W. D., and Lab, assignors.)
Barkdoll, Joseph P. (See Avery, H. A., and Barkdoll.)
Barkdoll, Joseph P. (See Avery, H. A., Barkdoll, and Evans.)
Barkdoll, Joseph P., Groton, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Back spacing mechanism. 2,217,654; Oct. 15.
Barkeij, F. A. H. (See Barkeij, Jean A. H., assignor.)
Barkeij, Jean A. H., Altadena, Calif. Internal combustion engine. 2,191,745; Feb. 27.
Barkeij, Jean A. H., Altadena, Calif. Combustion chamber in cylinder heads of internal combustion engines. 2,191,746; Feb. 27.
Barkeij, Jean A. H., Altadena, Calif. Internal combustion engine. 2,209,012; July 23.
Barkeij, Jean A. H., Altadena, Calif. Valve gear for multicylinder radial engines, together with a reduction and clutch drive gear. 2,209,013; July 23.

Barkeij, Jean A. H., Altadena, Calif. Connecting rod structure. 2,209,014; July 23.
Barkeij, Jean A. H., Altadena, Calif., assignor to F. A. H. Barkeij, Malang, Java, Dutch East Indies. Intake manifold for internal combustion engines. 2,199,276; Apr. 30.
Barker, Elvin O., Salt Lake City, Utah. Wall paper cleaner. 2,225,517; Dec. 17.
Barker, Fred V., Alexandria Bay, N. Y. Ashtray. 2,187,896; Jan. 23.
Barker, Henry T., London, England, assignor to Borg-Warner Corporation, Chicago, Ill. Clutch. 2,219,097; Oct. 22.
Barker, Howard H., South Orange, N. J., assignor to Weksler Thermometer Corporation. Thermometer. 2,189,123; Feb. 6.
Barker, John L., Pleasantville, assignor to Automatic Signal Corporation, New York, N. Y. Traffic detector. 2,201,145; May 21.
Barker, John L., Norwalk, Conn., assignor to Automatic Signal Corporation, New York, N. Y., Traffic detector. 2,201,146; May 21.
Barker, John O., assignor to Sweets Laboratories, Inc., New York, N. Y. Chewing gum material. 2,190,180; Feb. 13.
Barker, Lloyd G., and E. N. Todd, Miami, Fla. Boat construction. 2,220,875; Nov. 12.
Barker, Percy E., Pepper Pike Village, Ohio. Mechanical movement. 2,212,872; Aug. 27.
Barker Poultry Equipment Company. (See Onorato, P., and Weinaug, assignors.)
Barker, Virgil D. (See Baker, C. I., Barker, and Maurer.)
Barker, Virgil D., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Control apparatus. 2,190,820; Feb. 20.
Barker, William A. (See Pratt, J. W., and Barker.)
Barkinen, Kenneth W. (See Drissner, A. E., Hogg, Barkinen, and Garey.)
Barkley, Ivah, et al. (See Chapman, R. E., and Cahall, assignors.)
Barks, Frank S., St. Louis, A. P. Fox, University City, L. C. Rotter, Maplewood, and W. Z. Linders, Ferguson, assignors to Lincoln Engineering Company, St. Louis, Mo. Reel. 2,221,566; Nov. 12.
Barlett, Helen B. (See McDougal, T. G., Fessler, and Barlett.)
Barley, Albert C., Jr., Portland, assignor to Barco Corporation, Detroit, Mich. Punching or cutting impregnated fabrics. 2,203,937; June 11.
Barlough, Stephan L., Berkley, Mich. Overhead door construction. 2,214,653; Sept. 10.
Barlow, Erle P., and H. A. Cramer, Jr., assignors to The Glenn L. Martin Company, Baltimore, Md. Switch. 2,209,378; July 30.
Barlow, Harold E. M., London, England. Apparatus for the electrical protection of gaseous and other discharge tubes. 2,210,888; Aug. 13.
Barlow, Harold E. M., London, England. Apparatus for the electrical protection of electric discharge tube installations. 2,210,889; Aug. 13.
Barlow, Roy G. (See Adams, G. L., Barlow, and Shapiro.)
Barlow, Sidney D., and P. Sussman, Bronx, N. Y. Marking device. 2,211,312; Aug. 13.
Barlow, William H., assignor to Scovill Manufacturing Company, Waterbury, Conn. Jaw unit for electric connectors. 2,222,493; Nov. 19.
Barlow, William H., assignor to Scovil Manufacturing Company, Waterbury, Conn. Slotted spider member. 2,222,494; Nov. 19.
Bar Master, Inc. (See Hutsell, Thomas A., assignor.)
Barmer Maschinenfabrik Aktiengesellschaft. (See Bochmann, Otto, assignor.)
Barna, Andrew, South Chicago, Ill. Lifting buoy. 2,213,375; Sept. 3.
Barna, Joseph W. (See De Vito, A., and Barna.)
Barnard, Florence C., St. Paul, Minn. Garment. 2,203,401; June 4.
Barnard, Roy M., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Time base circuit for cathode ray tube. 2,215,776; Sept. 24.
Barnard, Samuel G., Seattle, Wash. Amusement ride. 2,211,876; Aug. 20.
Barnard, Walter E., Wethersfield, Conn. Coffee container. 2,190,203; Feb. 13.
Barnes, Blakeslee, assignor to Chemical Construction Corporation, New York, N. Y. Sinter, method of preparation and use thereof. 2,198,372; Apr. 23.
Barnes, Blakeslee, New York, N. Y., and H. E. Broughton, Hackensack, N. J., assignors to Chemical Construction Corporation, New York, N. Y. Production of sulphur dioxide from metal sulphates. 2,202,414; May 28.
Barnes, Blakeslee, New York, and N. Titlestad, White Plains, assignors to Chemical Construction Corporation, New York, N. Y. Decomposing acid sludge. 2,223,934; Dec. 3.
Barnes, Carl E. (See Kistler, S. S., and Barnes.)
Barnes, Carl E., assignor to Norton Company, Worcester, Mass. Abrasive article. 2,218,782; Oct. 22.
Barnes, Charles D., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Well drilling fluid. 2,209,591; July 30.
Barnes, Charles H., Glendale, assignor to Lane-Wells Company, Los Angeles, Calif. Releasable cable head. 2,187,007; Jan. 16.
Barnes, Charles H., Glendale, and J. Young, Jr., Huntington Park, assignors to Lane-Wells Company, Los Angeles, Calif. Multiple ring packer. 2,216,336; Oct. 1.
Barnes Drill Co. (See Caldwell, Harry J., assignor.)
Barnes, Edward E., Philadelphia, Pa. Lifeboat and propelling mechanism therefor. 2,193,682; Mar. 12.
Barnes, Elias B., Sturgis, Mich. Heating and ventilating means. 2,225,203; Dec. 17.
Barnes, Frederick A., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Bearing. 2,224,627; Dec. 10.
Barnes, Harold F. (See Conradi, L. C., and Barnes.)
Barnby, Herbert A., Toledo, Ohio, assignor to Owen-Illinois Glass Company. Dispensing container. 2,198,570; Apr. 23.
Barnes, Howard T., assignor to G. F. Foss, Montreal, Quebec, Canada. Mixture applicable to tires, footwear, or the like to prevent skidding. 2,204,466; June 11.
Barnes, James L., Fostoria, Ohio. Optical instrument. 2,204,291; June 11.
Barnes, John H., Cleveland, Ohio. Toy building kit. 2,194,289; Mar. 19.
Barnes, Leslie W., Long Hill, assignor to The Baird Machine Company, Bridgeport, Conn. Vertical spindle. 2,212,223; Aug. 20.
Barnes, Lewis C., assignor to The Howe Scale Company, Rutland, Vt. Photoelectric attachment for scales. 2,197,514; Apr. 16.
Barnes, Mabs R., Palos Verdes Estates, assignor to Hollywood Silk Mills, Los Angeles, Calif. Garment construction. 2,213,757; Sept. 3.
Barnes, Marion W., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,212,002; Aug. 20.
Barnes, Marion W., assignor to Universal Oil Products Company, Chicago, Ill. Fluid conduit. 2,217,000; Oct. 8.
Barnes Motor Developments Company. (See Barnes, William B., assignor.)
Barnes, Norman W. (See Dube, J. E., and Barnes.)
Barnes, Norman W., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Mixing device. 2,205,334; June 18.
Barnes, Philip C. (See Alexander, P., and Barnes.)
Barnes, R. M., et al. (See Lucas, Earnie W., assignor.)
Barnes, Robert, assignor to G. E. Russell, San Francisco, Calif. Mechanical file. 2,224,132; Dec. 10.
Barnes, Robert, Port Washington, assignor to American Cigarette & Cigar Company, New York, N. Y. Display device. 2,225,329; Dec. 17.
Barnes, Robert B. (See Ham, G. P., and Barnes.)
Barnes, Robert B., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Blue print coating. 2,218,969; Oct. 22.
Barnes, Robert B., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preliminarily curing a heat convertible resinous material. 2,222,470; Nov. 19.
Barnes, Robert B., Stamford, and G. P. Ham, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Blueprint coating. 2,199,368; Apr. 30.
Barnes, Robert B., Stamford, and G. P. Ham, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Recovery of silver from spent photographic solutions. 2,221,163; Nov. 12.
Barnes, Robert B., Stamford, G. P. Ham, Riverside, and L. P. Moore, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Blueprint coating. 2,221,628; Nov. 12.
Barnes, Troy T., et al. (See Lucas, Earnie W., assignor.)
Barnes, Walter C., Lake Bluff, and H. W. Keevil, Highland Park, Ill. Mechanical clamp. 2,190,143; Feb. 13.
Barnes, Walter C., Lake Bluff, and H. W. Keevil, Highland Park, Ill. Magnetic clamp. 2,204,396; June 11.
Barnes, Walter C., Lake Bluff and H. W. Keevil, Highland Park, Ill. Flaw detecting apparatus. 2,219,885; Oct. 29.
Barnes, Walter C., Lake Bluff, and H. W. Keevil, Highland Park, Ill. Recording apparatus for detector cars. 2,220,881; Nov. 12.
Barnes, William A., Mansfield, Ohio. Electric heating element construction. 2,194,193; Mar. 19.
Barnes, William A., Mansfield, Ohio, assignor to Dominion Electric Manufacturing, Inc. Electric heater. 2,198,694; Apr. 30.
Barnes, William A., Mansfield, Ohio. Manufacturing threaded parts. 2,210,353; Aug. 6.
Barnes, William A., Mansfield, Ohio, assignor to Dominion Electrical Manufacturing Company. Electrical appliance. 2,214,872; Sept. 17.
Barnes, William A., Mansfield, Ohio, assignor to Dominion Electrical Manufacturing Company. Temperature responsive device. 2,217,328; Oct. 8.
Barnes, William B., Indianapolis, assignor to Barnes Motor Developments Company, Muncie, Ind. Planetary overdrive and free wheeling transmission. 2,214,986; Sept. 17.
Barnes, William B., assignor to Barnes Motor Developments Company, Muncie, Ind. Automatic transmission shift. 2,225,493; Dec. 17.

Barnett, Carleton E., Cambridge, Mass. Wire twisting device. 2,186,090; Jan. 9.
Barnett, Edward J., Compton, assignor of one-half to L. L. Sissell, Los Angeles, Calif. Device for dispensing measured quantities of divided solid material. 2,205,129; June 18.
Barnett, George L., Millsboro, Del. Leader for fishing lines. 2,218,946; Oct. 22.
Barnett, Maxwell M. (See Hills, R. C., and Barnett.)
Barnett, P. B., et al. (See Emmons, Elias S., assignor.)
Barnett, Sylvester L., et al. (See Kah, Elmer H., assignor.)
Barnett, William K., Webster Groves, Mo. Preserving flowers and apparatus therefor. 2,224,284; Dec. 10.
Barney, Edwin R., Newton, Mass. Receptacle. 2,195,442; Apr. 2.
Barney, Freeman. (See Lee, J. E., and Barney.)
Barney, Freeman. (See Lee, J. W., and Barney.)
Barney, Harold L., and B. G. Bjornson, New York, N. Y., and A. M. Curtis, South Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain control circuits. 2,213,034; Aug. 27.
Barnhart, George E., Pasadena, Calif. Hypodermic needle. 2,187,259; Jan. 16.
Barnhart, George E., Pasadena, Calif. Water culture apparatus. 2,198,150; Apr. 23.
Barnhart, George E., Pasadena, Calif. Hydraulic swivel connector. 2,201,976; May 28.
Barnhart, George E., Pasadena, Calif. Mechanical movement. 2,201,977; May 28.
Barnhart, George E., Pasadena, Calif. Hydraulic control. 2,204,649; June 18.
Barnhart, Philip S., Westfield, assignor to Westfield River Paper Company, Inc., Russell, Mass. Paper. 2,226,841; Dec. 31.
Barnhart, Vern A., Chester, N. J. Building unit. 2,199,946; May 7.
Barnhart, William E., Perth Amboy, N. J., assignor, by mesne assignments, to The American Fork & Hoe Company, Cleveland, Ohio. Apparatus for forming a hedge shear blade. 2,185,881; Jan. 2.
Barnick, Henry. (See Rentz, Frank B., assignor.)
Barns, John K., Bement, Ill. Geometrical instrument. 2,194,632; Mar. 26.
Barnsteiner, Alfons, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Preflattened corox unit. 2,208,405; July 16.
Barnsteiner, Alfons, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Oven rack glide. 2,225,762; Dec. 24.
Barnsteiner, Alfons, and E. H. Lockwood, Mansfield, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heater terminal block. 2,189,622; Feb. 6.
Barnsteiner, Alfons, and E. H. Lockwood, Mansfield, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heater unit. 2,217,465; Oct. 8.
Barnum, Ben, Huntington Park, assignor to Lane-Wells Company, Los Angeles, Calif. Gun type well casing perforator. 2,216,151; Oct. 1.
Baron, Herman L., New York, N. Y., assignor to Cladite Incorporated. Protective coating. 2,201,981; May 28.
Baron, Leo S. (See Driscoll, George H., assignor.)
Baroni, Peter. (See Baroni, Sante and P.)
Baroni, Sante, Philadelphia, Pa., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Stock fitting machine. 2,202,081; May 28.
Baroni, Sante and P., Philadelphia, Pa., assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Grooving machine. 2,187,142; Jan. 16.
Barr, Bruce A. (See White, S. O., and Barr.)
Barr, Bruce A., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission synchronizer. 2,221,901; Nov. 19.
Barr, Courtland H., Glenolden, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Preservation of biologically active and other substances. 2,198,752; Apr. 30.
Barr, Glen G., assignor to Backstay Welt Company, Union City, Ind. Finishing welt and filler strip. 2,226,354; Dec. 24.
Barr, John F., assignor to Champion Spark Plug Company, Toledo, Ohio. Spark plug with umbrella. 2,190,765; Feb. 20.
Barr, John L. (See Sullivan, Charles J., assignor.)
Barr, John L., Chevy Chase, Md. Weight relieving device. 2,199,870; May 7.
Barr, John L., Chevy Chase, Md. Automobile parking device. 2,206,623; July 2.
Barr, John L., Chevy Chase, Md. Parking device for automobiles. 2,222,359; Nov. 19.
Barr Rubber Products Company. (See Dorn, Randolph J., assignor.)
Barr and Stroud, Limited. (See French, James W., assignor.)
Barr and Stroud, Limited. (See Macgill, Charles D., assignor.)
Barrans, William T. (See Girard, B. P., Barrans, and Martin.)
Barrans, William T., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Braid covered electric cord and making such a cord. 2,217,832; Oct. 15.
Barrans, William T., Towson, and P. M. Cole, Dundalk, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Strand covering machine. 2,200,323; May 14.
Barrans, William T., Towson, P. M. Cole, Dundalk, and B. P. Girard, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Electrical conductor. 2,206,934; July 9.
Barreda, Abraham. (See Geijo, M., and Barreda.)
Barrel Fitting & Seal Corporation. (See Schwartz, Morris, assignor.)
Barret, William M., assignor to Engineering Research Corporation, Shreveport, La. Electrical apparatus and method for locating minerals. 2,201,256; May 21.
Barrett, Arthur M., Winnetka, assignor to The Barrett Bindery Co., Chicago, Ill. Portable displayer. Re. 21,371; Feb. 27.
Barrett, Arthur M., Winnetka, assignor to Barrett-Cravens Company, Chicago, Ill. Lift truck. 2,195,668; Apr. 2.
Barrett Bindery Co., The. (See Barrett, Arthur M., assignor.)
Barrett Bindery Co., The. (See Ericson, Elmer W., assignor.)
Barrett, Bodine B., Newark, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purifying lead nitrate solutions. 2,187,108; Jan. 16.
Barrett, Charles D., and C. R. Whitehead, Altoona, Pa. Springing for railway trucks. 2,199,907; May 7.
Barrett Company, The. (See Drewsen, Pierre, assignor.)
Barrett Company, The. (See Gould, David F., assignor.)
Barrett Company, The. (See Hall, Ocie C., assignor.)
Barrett Company, The. (See Hamlin, Marston L., assignor.)
Barrett Company, The. (See Kerr, Earl G., assignor.)
Barrett Company, The. (See Miller, Stuart P., assignor.)
Barrett Company. (See Ryan, Albert O., assignor.)
Barrett Company, The. (See Sutherland, Leslie T., assignor.)
Barrett-Cravens Company. (See Barrett, Arthur M., assignor.)
Barrett, Edward L., La Grange, assignor to Barrett Engineering Company, Chicago, Ill. Amusement device. 2,204,397; June 11.
Barrett, Edward L., La Grange, and J. Bertschi, assignors to Utah Radio Products Company, Chicago, Ill. Electromagnetic vibratory motor. 2,185,683; Jan. 2.
Barrett, Edward R., assignor to Gar Wood Industries, Inc., Detroit, Mich. Tiltable truck body. 2,186,796; Jan. 9.
Barrett, Edward R., assignor to Gar Wood Industries, Inc., Detroit, Mich. Scoop. 2,196,690; Apr. 9.
Barrett, Edward R., Detroit, Mich., assignor to Gar Wood Industries, Inc. Fluid control system. 2,203,938; June 11.
Barrett, Edward R., Detroit, Mich., assignor to Gar Wood Industries, Inc. Fluid control system. 2,203,939; June 11.
Barrett, Edward R., assignor to Gar Wood Industries, Inc., Detroit, Mich. Fluid control device. 2,226,192; Dec. 24.
Barrett, Edward R., assignor to Gar Wood Industries, Inc., Detroit, Mich. Body hoisting mechanism. 2,226,193; Dec. 24.
Barrett, Elliott P., and G. D. Beal, Pittsburgh, Pa. Bone black. 2,226,421; Dec. 24.
Barrett, Elmer G., Pampa, Tex. Rotary motor. 2,208,177; July 16.
Barrett Engineering Company. (See Barrett, Edward L., assignor.)
Barrett, George J., and S. Robichaux, Houston, Tex. Cutting tool. 2,199,020; Apr. 30.
Barrett, Glenn J., assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Transfer mechanism for key-set adding machines. 2,199,253; Apr. 30.
Barrett, Harold G. (See Reynolds, M., and Barrett.)
Barrett, Harold J., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dehydrohalogenation of alpha-chlorisobutyric esters with zinc and zinc halides. 2,199,774; May 7.
Barrett, Harold J., Niagara Falls, and C. J. Wernlund, North Tonawanda, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Tin plating. 2,211,251; Aug. 13.
Barrett, Harry B., St. Louis, Mo. Combination precision grinder and caliper. 2,187,962; Jan. 23.
Barrett, Herbert R., Chelmsford, and W. Brookes, assignors to Lake and Elliott Limited, Braintree, England. Valve apparatus for use in distributing fluid 2,185,325; Jan. 2.
Barrett, Herman G. (See Ashman, H. H., and Barrett.)
Barrett & Hilp. (See Jones, Kenneth B., assignor.)
Barrett & Hilp. (See Muse, Robert B., assignor.)
Barrett, Paul K., San Diego, Calif. Crack filling tool. 2,214,219; Sept. 10.
Barrett, Robert N., Houston, Tex. Ornamental object. 2,185,492; Jan. 2.
Barrette, Hermann. (See Cyr, Armand, assignor.)
Barrette, Joseph E., et al. (See Boivin, Odilon, assignor.)
Barrey, Etienne, Nanterre, Seine, assignor of fifty per cent to M. J. L. Masnou, Paris, France. Alternating current rectifier. 2,201,940; May 21.
Barrickman, Laurinda J., Kansas City, Mo. Stitch gauge. 2,207,113; July 9.

Barringer, Wallis & Manners Limited. (See Dove, John A., assignor.)

Barrington, John W., Baldwin, and M. White, assignors of ten per cent to J. P. Canfield, Brooklyn, N. Y., and ten per cent to P. S. McLean, Bloomfield, N. J., forty per cent to said Barrington and forty per cent to said White. Door handle. 2,223,236; Nov. 26.

Barrner, Jacob E., Camden, N. J., assignor, by mesne assignments, to Electrolux Corporation, Dover, Del. Suction nozzle. 2,216,934; Oct. 8.

Barron, Charles A., Preston, England. Wire-drawing machine. 2,217,245; Oct. 8.

Barron-Gray Packing Company. (See Gray, H. E. and Erickson, assignors.)

Barron, Langdon S., Sr., assignor of one-half to J. A. Weaver, Jr., St. Louis, Mo. Hook jaw wire connector. 2,225,947; Dec. 24.

Barron, Paul W., Miami, Fla. Direct pressure ventilator. 2,188,699; Jan. 30.

Barrows, Alford C. (See Langford, G. W., and Barrows.)

Barrows, Alfred C., H. L. Haines, and G. W. Langford, assignors to Economy Baler Company, Ann Arbor, Mich. Baling press. 2,205,460; June 25.

Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Journal box. 2,186,935; Jan. 16.

Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Journal box seal. 2,193,326; Mar. 12.

Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Side bearing. 2,197,783; Apr. 23.

Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,200,571; May 14.

Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,205,369; June 18.

Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,207,848; July 16.

Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Side frame and journal box. 2,209,488; July 30.

Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,217,246; Oct. 8.

Barrows, Donald S., and E. H. Blattner, assignors to The Symington-Gould Corporation, Rochester, N. Y. Railway truck spring unit. 2,198,261; Apr. 23.

Barry, Cornelius J., Chicago, Ill. Forming handle bar and the like. 2,216,833; Oct. 8.

Barry, David P., Glenbrook, Conn., and G. J. Seltzer, Forest Hills, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Lamp mounting. 2,206,217; July 2.

Barry, Edward J., Orlando, Fla., assignor of forty-five one hundredths to Ervin T. Brown, Winter Park, Fla. Solar water heater. 2,213,894; Sept. 3.

Barry, Frederic M., assignor to Scovill Manufacturing Company, Waterbury, Conn. Tube for heat exchanging apparatus. 2,224,095; Dec. 3.

Barry, Joseph A., Philadelphia, Pa. Bowling ball grip measuring device. 2,221,938; Nov. 19.

Barry, Joseph F., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wire connecting device. 2,210,520; Aug. 6.

Barry, Joseph F., Brooklyn, N. Y., and H. G. Och, West Englewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric crystal impedance element. 2,194,539; Mar. 26.

Barry, Richard J. (See Lewis, C. H., and Barry.)

Barry-Wehmiller Machinery Company. (See Herold, J. L., and Wehmiller, assignors.)

Barry, William B., San Francisco, Calif. Inner tube for automobile tires. 2,203,124; June 4.

Barsch, Guillaume, Luzern, Switzerland. Hand-operated blade-grinder. 2,197,119; Apr. 16.

Barske, Ulrich. (See Roosen, R., Barske, and Carl.)

Barsky, Philip H., New York, N. Y. Fabric. 2,196,286; Apr. 9.

Barstow, Alfred. (See Scott, Bernard H., assignor.)

Bart, Charles W., Savannah, Ga. Apparatus for destroying mold spores. 2,186,401; Jan. 9.

Bart, Thomas E., assignor to The Murdock Manufacturing and Supply Company, Cincinnati, Ohio. Water box construction. 2,209,015; July 23.

Barta, Frank, Smithville, Tex. Air brake. 2,218,866; Oct. 22.

Barta, Hugo, Astoria, N. Y. Automatic display device. 2,188,733; Jan. 30.

Barteaux, Austin B., West New Brighton, Staten Island, N. Y. Score keeper. 2,211,635; Aug. 13.

Bartel, Charles F., and W. C. Bartel, Royal Oak, Mich., assignors, by mesne assignments, to C. A. Hooker and I. L. Carron, as trustees. Cushion assembly. 2,203,007; June 4.

Bartel, William C. (See Bartel, Charles F., and W. C.)

Bartell, Clarence C., Fort Wayne, Ind., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Pipe joint clamp. 2,220,986; Nov. 12.

Bartels, George, Jr. (See Keely, C. D., and (Schwanemann, assignor).)

Bartels, Hans, and G. Ulbricht, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Control of audio frequency transmission. 2,201,022; May 14.

Bartels, Hans, and E. Severin, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Vibrator device. 2,213,541; Sept. 3.

Barteis, Heinrich. (See Sauer, H., Henkel, and Bartels.)

Bartels, Raymond H., New Orleans, La., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,221,438; Nov. 12.

Bartelt, Joseph R., Chicago, Ill. Mathematical puzzle. 2,202,078; May 28.

Bartens, Carl E., Copenhagen, Denmark. Signaling system for vehicles. 2,188,451; Jan. 30.

Barter, Harry L., and J. M. Christman, assignors to Packard Motor Car Company, Detroit, Mich. Apparatus for forming toothed elements. 2,206,443; July 2.

Barth, Edwin J., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Refining. 2,191,089; Feb. 20.

Barth, Edwin J., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Refining. 2,191,090; Feb. 20.

Barth, Gustav, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Direction indicating means. 2,204,292; June 11.

Barth, Gustav, Berlin, Germany, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Direction indicating means. 2,213,357; Sept. 3.

Barth, Joseph E., Sarasota, Fla. Advertising attachment for license plates. 2,197,676; Apr. 16.

Barth, Otto R. (See Magener, W., and Barth.)

Barthelemy, Henri L., Rome, Ga., assignor to Tubize Chatillon Corporation, New York, N. Y. Gas conditioning. 2,207,774; July 16.

Barthelemy, René, Fontenay, aux Roses, assignor to Compagnie pour la Fabrication des Compteurs et Material d'Usines a Gaz, Seine, France. Electronic television transmitter. 2,199,608; May 7.

Barthelemy, René, Fontenay-aux-Roses, France, assignor to Radio Corporation of America. Arrangement for mixing two frequencies in a superheterodyne receiver. 2,206,072; July 2.

Barthels, Herbert W., Los Angeles, Calif. Luminous gas-tube unit. 2,227,173; Dec. 31.

Barthelt, Hans, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,198,491; Apr. 23.

Bartho, John, New York, N. Y., and John T. Ackerson, Radburnfair Lawn, N. J. Cushioned wheel. 2,208,567; July 23.

Bartho, John, New York, N. Y., and J. T. Ackerson, Radburn Fair Lawn, N. J. Power steering mechanism for automobiles. 2,219,645; Oct. 29.

Bartholomäus, Erich. (See Bockmühl, M., and Bartholomäus.)

Bartholomäus, Erich, Wiesbaden-Biebrich, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Diethylcarbamates of resorcinol-mono-alkyl ethers and preparing them. 2,209,245; July 23.

Bartholomew, Edward L., and J. D. Paine, Jr., Marblehead, Mass., assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Heat treatment of cast iron. 2,200,765; May 14.

Bartholomew, Frank J., Westfield, N. J., assignor to Chemical Construction Corporation, New York, N. Y. Production of SO_2 from acid sludge. Re. 21,357; Feb. 20.

Bartholomew, Harvey C., Los Angeles, Calif. Game apparatus. 2,185,366; Jan. 2.

Bartholomew, Jess M., Michigan City, Ind., assignor to Sullivan Machinery Company. Pumping apparatus. 2,221,855; Nov. 19.

Bartholomew, Jess M., Michigan City, Ind., assignor to Sullivan Machinery Company. Controlling device. 2,221,856; Nov. 19.

Bartholomew, Jess M., Michigan City, Ind., assignor to Sullivan Machinery Company. Motor driven compressor. 2,221,857; Nov. 19.

Bartholomew, Philomena, Des Moines, Iowa. Dough cutter. 2,206,316; July 2.

Bartholomew, Tracy, Pittsburgh, Pa. Production of dry granulated slag. 2,210,999; Aug. 13.

Bartholomew, Warren F., Michigan City, Ind., assignor to Sullivan Machinery Company. Compressor. 2,213,196; Sept. 3.

Bartlebaugh, Benjamin C., Wheeling, W. Va. Portable baking oven. 2,189,875; Feb. 13.

Bartlett, C. O., & Snow Company, The. (See Smith, Benjamin A., assignor.)

Bartlett, Edward P. (See Loder, D. J., and Bartlett.)

Bartlett, Edward P., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing cyclohexane and acetone. 2,204,978; June 18.

Bartlett, Frederic S., St. Davids, Pa. Snow vehicle.

Bartlett, Jeffrey H. (See Whiteley, J. M., Jr., and Bartlett.)

Bartlett, Jeffrey H., Cranford, N. J., assignor to Standard Oil Development Company. Catalytic isomerization of normal paraffinic hydrocarbons. 2,216,221; Oct. 1. 2,195,553; Apr. 2.

Bartlett, Linton G., North Chicago, and H. B. Holthouse, assignors of fifty-one per cent to E. P. Molloy, twenty-two per cent to The Northern Trust Company, as trustee, and twenty-seven per cent to H. B. Holthouse, Chicago, Ill. Truck. 2,205,999; June 25.
Bartlett, Luis H. (See Davis, A. L., and Bartlett.)
Bartlett, Norman, Weehawken, N. J. Amusement apparatus. 2,187,963; Jan. 23.
Bartlett, Norman, North Tonawanda, N. Y. Amusement ride. 2,196,093; Apr. 2.
Bartley, Victor. (See Worthington, J. B., and Bartley.)
Bartling, Howard G., Chicago, Ill., assignor, by mesne assignments, to Minnesota Mining & Manufacturing Company. Flexible abrasive sheet material. 2,186,001; Jan. 9.
Bartling, Howard G., Chicago, Ill., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Abrading element. 2,197,629; Apr. 16.
Bartling, Howard G., Chicago, Ill., and E. B. Overshiner, Dixon, assignors, by mesne assignments, to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Abrasive sheet material. 2,220,140; Nov. 5.
Bartol, George E., Jr., Wynnewood, Pa., assignor to C. Howard Hunt Pen Company, Camden, N. J. Manufacturing pen points. 2,206,525; July 2.
Barton, Albert W. (See Ferguson, E. M., and Barton.)
Barton, Ben D., A. P. Adney, and H. A. Bentley, assignors to American-Marsh Pumps, Inc., Battle Creek, Mich. Duplex pump. 2,223,592; Dec. 3.
Barton, David T., et al. (See Myers, Harry A., assignor.)
Barton, Frank, Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Sawing machine. 2,222,806; Nov. 26.
Barton, George L. (See Middler, A. J., and Barton.)
Barton, Harry S. (See Stamm, A. H., and Barton.)
Barton, Henry. (See Budd, A. G., and Barton.)
Barton, Louis E., Windsor, Conn. White composite pigment and paint and making same. 2,197,604; Apr. 16.
Barton, Louis E., Windsor, Conn. Opaque white pigment and paint and making same. 2,197,605; Apr. 16.
Barton, Loy E., Collingswood, N. J., assignor, by mesne assignments, to Pennsylvania Patents, Inc., Carson City, Nev. Push-pull amplifier circuit. 2,205,335; June 18.
Barton, Loy E., Collingswood, N. J., assignor, by mesne assignments, to Pennsylvania Patents, Inc., Carson City, Nev. Radio tube socket. 2,206,799; July 2.
Barton, Loy E., Collingswood, N. J., assignor to Radio Corporation of America. Automatic volume control with noise suppression. 2,216,582; Oct. 1.
Barton, Norma L. (See Coddington, Earl L., assignor.)
Barton, Paul D., Chester County, assignor to Sun Oil Company, Philadelphia, Pa. Recovering spent filter clay. 2,200,145; May 7.
Barton, William, Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Abrading tool. 2,197,917; Apr. 23.
Bartosch, Wolfgang, assignor to the firm Carbobronze Röhrenwerk Gesellschaft m. b. H., Vienna, Austria. Bearing. 2,218,034; Oct. 15.
Bartow Beacons, Inc. (See Bartow, John B., assignor.)
Bartow, John B., Blue Bell, assignor to Bartow Beacons, Inc., Philadelphia, Pa. Obtaining increased third dimensional viewing of objects from a traveling craft or vehicle. 2,224,775; Dec. 10.
Bartram, Thomas W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Mineral oil composition and treating same. 2,193,666; Mar. 12.
Bartram, Thomas W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Mineral oil composition and producing same. 2,199,021; Apr. 30.
Bartsch, Henry G., et al. (See Claus, Philip S., assignor.)
Bartsch, Henry G. (See Saffir, J. A., and Bartsch.)
Bartunek, Richard, Teltow-Seehof, and A. M. Heinsberg, Rhineland, Germany, assignors to North American Rayon Corporation, New York, N. Y. Process and apparatus for use in the manufacture of staple fibers. 2,202,477; May 28.
Barty, Albert S., Hollywood, Calif. Accordion attachment. 2,191,747; Feb. 27.
Baruch, Sydney N., assignor to Nortron Patents Corporation, New York, N. Y. Power translating system. 2,194,966; Mar. 26.
Barwasser, Josef. (See von Girsewald, C. B., Roesner, and Barwasser.)
Bary, Woldemar A., New York, N. Y. Insulator. 2,187,143; Jan. 16.
Bary, Woldemar A., New York, N. Y. Apparatus for electrolytic protection of vessels. 2,193,667; Mar. 12.
Bary, Woldemar A., New York, and A. Jackson, Astoria, assignors to Vadim S. Makaroff, New York, N. Y. Pneumatic automobile lift. 2,201,147; May 21.
Basch, Arthur D. (See Medwick, M. P., and Basch.)
Bascom, Henry M., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Designation transmitter. 2,190,307; Feb. 13.
Bascom, Henry M., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching device. 2,203,321; June 4.
Bascom, Hugh W. (See Bascom, Raymond E., and H. W.)
Bascom, Raymond E. and H. W., Keene, Tex. Folding chair. 2,203,610; June 4.
Bascom, Roger C. (See Roberts, D., Cooper, and Bascom.)
Basebe, Cecil. (See Sinclair, H., and Basebe.)
Basel, Georg, deceased, by T. Basel, sole heir, and E. Schaeffer, Burghausen, Upper Bavaria; said G. Basel and said E. Schaeffer assignors to Dr. Alexander Wacker Gesellschaft für Elektrochemische Industrie G. m. b. H., Munich, Bavaria, Germany. Producing tetrachlorethylene. 2,222,931; Nov. 26.
Basel, Therese, sole heir. (See Basel, G., and Schaeffer, assignors.)
Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Clasp brake. 2,191,138; Feb. 20.
Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Freight car brake. 2,211,712; Aug. 13.
Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Freight car brake. 2,215,064; Sept. 17.
Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,215,239; Sept. 17.
Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Freight car brake. 2,226,507; Dec. 24.
Baselt, Walter H., and R. G. Aurien, assignors to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,188,260; Jan. 23.
Bash, Irwin J., Los Angeles, assignor to Pacific Distillers, Inc., Culver City, Calif. Noncorrosive antifreeze composition. 2,195,689; Apr. 2.
Bash, Joseph, and L. Sandry, Perth Amboy, N. J. Illuminated switch handle. 2,214,317; Sept. 10.
Basham, Arthur W. and E. I., Indianola, Iowa. Machine for making handled edibles. 2,212,003; Aug. 20.
Basham, Clement, Fort Worth, Tex. Honing crank for mowers. 2,190,005; Feb. 13.
Basham, Eva I. (See Basham, Arthur W. and E. I.)
Basham, Walter N., et al. (See Cox, Raymond E., assignor.)
Bashe, Carl E., Minneapolis, Minn. Closure fastener. 2,205,614; June 25.
Basher, Leopold T., Los Angeles, Calif. Book hanger. 2,197,235; Apr. 16.
Bashore, Elmer E., Bellefontaine, Ohio. Fly line greasing device. 2,193,386; Mar. 12.
Bashore, Quinter E., Covina, Calif. Stacking mechanism. 2,193,264; Mar. 12.
Basic Dolomite, Inc. (See Lee, Harley C. and E. K., assignors.)
Basquin, Olin H., Evanston, assignor to Streeter-Amet Company, Chicago, Ill. Weighing apparatus. 2,207,996; July 16.
Basquin, Olin H., Evanston, and O. P. Haegele, assignors to Streeter-Amet Company, Chicago, Ill. Weighing apparatus. 2,188,261; Jan. 23.
Bass, Dee B., Bronx, assignor to Heirloom Needlework Guild, Inc., New York, N. Y. Novelty footwear. 2,226,110; Dec. 24.
Bass, Robert L., Los Angeles, Calif. Toy aircraft. 2,202,978; June 4.
Bass, Rubin, Brooklyn, assignor to American Plush & Velvet Pressboard Co. Inc., New York, N. Y. Pressboard for velvet, etc. 2,190,631; Feb. 13.
Bass, Shailer L., assignor to The Dow Chemical Company, Midland, Mich. Composition of matter. 2,199,385; May 7.
Bass, Shailer L., T. A. Kauppi, and F. B. Smith, assignors to The Dow Chemical Company, Midland, Mich. Cellulose derivative compositions. 2,189,337; Feb. 6.
Bass, Shailer L. and E. C. Britton, assignors to The Dow Chemical Company, Midland, Mich. Cellulose derivative composition. 2,189,338; Feb. 6.
Bass, Shailer L., S. M. Stoesser, and R. D. Lowry, assignors to The Dow Chemical Company, Midland, Mich. Copolymers of styrene with oiticica oil or its derivatives. 2,190,915; Feb. 20.
Bass, Shailer L., Midland, Mich., and E. G. Hallonquist, Shelton, Wash., assignors to The Dow Chemical Company, Midland, Mich. Cellulose derivative compositions. 2,196,575; Apr. 9.
Bass, Shailer L., and E. L. Kropscott, assignors to The Dow Chemical Company, Midland, Mich. Granular article containing cellulose ethers and shellac. 2,199,386; May 7.
Bass, Shailer L., T. A. Kauppi, and C. L. Moyle, assignors to The Dow Chemical Company, Midland, Mich. Cellulose ether composition. 2,224,847; Dec. 17.
Bassett, Arthur W. (See Herr, B. F., and Bassett.)
Bassett, George B., assignor to Buffalo Meter Company, Buffalo, N. Y. Liquid meter. 2,213,799; Sept. 9.
Bassett, Harry P., Cynthiana, Ky., assignor to Meigs, Bassett and Slaughter, Inc., Philadelphia, Pa. Removing solvents from plastic colloids. 2,209,256; July 23.
Bassett, James W., Staten Island, N. Y., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Filling containers. 2,188,700; Jan. 30.
Bassett, Norman D., assignor to Demco Library Supplies, Inc., Madison, Wis. Rebinding of books. 2,219,553; Oct. 29.
Bassett, Rex E., Jr. (See Chamberlin, J. W., and Bassett.)
Bassett, Rex E., Jr., South Bend, Ind. Lead-in conductor. 2,193,017; Mar. 12.
Bassett, Rex E., Jr., South Bend, Ind. Purifying water. 2,203,040; June 4.
Bassett, Rex E., Jr., assignor to Bendix Home Appliances, Inc., South Bend, Ind. Sequential controller. 2,199,775; May 7.
Bassett, Rex E., Jr., South Bend, Ind., assignor to Bendix Home Appliances, Inc., Detroit, Mich. Washing and extracting liquids from textiles. 2,208,830; July 23.

Bassett, Rex E., Jr., assignor to Bendix Home Appliances, Inc., South Bend, Ind. Intermittent drive mechanism. 2,208,831; July 23.

Bassett, Rex E., Jr., South Bend, Ind., assignor to Bendix Home Appliances, Inc., Detroit, Mich. Multiple speed electric motor. 2,225,144; Dec. 17.

Bassett, Rex E., Jr., New Rochelle, N. Y., assignor to Laundri-Matic Corporation. Washing machine. 2,225,407; Dec. 17.

Bassett, Robert S., Buffalo, N. Y. Liquid meter. 2,190,006; Feb. 13.

Bassett, Robert S., assignor to Sylvia Bassett, Buffalo, N. Y. Apparatus for separating gas from liquid. 2,217,655; Oct. 15.

Bassett, Sylvia. (See Bassett, Robert S., assignor.)

Bassford, Henry H., Jr. (See Messer, W. E., and Bassford.)

Bassick Company, The. (See Claud-Mantle, Arthur, assignor.)

Bassler, Carlos J., Alhambra, Calif., assignor, by mesne assignments, to Bank of America National Trust and Savings Association. System for measuring liquids. 2,217,855; Oct. 15.

Bast, Gerardus H., and F. H. Stieltjes, The Hague, Netherlands, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Line amplifier for telephony purposes. 2,197,029; Apr. 16.

Bastable, Edward H., Clifton, assignor to Shoe Chassis, Inc., Boston, Mass. Attaching heels to shoes. 2,186,470; Jan. 9.

Bastable, Edward H., Clifton, assignor to Shoe Chassis, Inc., Boston, Mass. Attaching heels to shoes. 2,202,941; June 4.

Baster, Forest S., assignor to The White Motor Company, Cleveland, Ohio. Internal combustion engine. 2,216,801; Oct. 8.

Baster, Forest S., Cleveland Heights, assignor to The White Motor Company, Cleveland, Ohio. Cooling means. 2,216,802; Oct. 8.

Baster, Forest S., assignor to The White Motor Company, Cleveland, Ohio. Engine-governor control. 2,227,174; Dec. 31.

Bastian-Blessing Company, The. (See Boettcher, Paul F., assignor.)

Bastian-Blessing Co., The. (See Buttner, William C., assignor.)

Bastian-Blessing Company, The. (See De Stefani, Tully, assignor.)

Bastian Blessing Co., The. (See Evarts, Ralph E., assignor.)

Bastian-Blessing Company, The. (See Holmen, Carl M., assignor.)

Bastian-Blessing Company, The. (See Hooper, Louis G. and V. I., assignors.)

Bastian-Blessing Company, The. (See Hooper, Virgil I. and L. G., assignors.)

Bastian-Blessing Co., The. (See Johnson, Herman K., assignor.)

Bastian-Blessing Company, The. (See Lucas, Lawrence N., assignor.)

Baston, Cyril E., Forest Hills, Pa., and E. A. Binney, Ilkley, England, assignors to The English Electric Company Limited, London, England. Electric supply system. 2,214,571; Sept. 10.

Bastrup, Kay L. (See Batten, P. H., and Bastrup.)

Basye, Edwin J., Altadena, Calif. Apparatus for operating a well cable. 2,193,668; Mar. 12.

Batchelder, Augustus H., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Asphaltic composition and preparing same. 2,200,484; May 14.

Batchelder, Edwin A., Lake Geneva, Wis. Cleaning tool. 2,207,651; July 9.

Batchelder, Howard R. (See Shoemaker, B. H., and Batchelder.)

Batchelder, Howard R., and B. H. Shoemaker, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Refining light hydrocarbon distillates. 2,190,007; Feb. 13.

Batchelder, Laurence, Cambridge, assignor to Submarine Signal Company, Boston, Mass. Electrical compensator. 2,214,735; Sept. 17.

Batchelder, Nelson A., West Barrington, R. I., assignor to Woods Manufacturing Company, Limited, Montreal, Quebec, Canada. Loom and vibration control therefor. 2,187,510; Jan. 16.

Batchell, George W., W. S. Mayers, and F. G. Schwalbe, assignors to The Frangeo Company, Toledo, Ohio. Pressure nodule apparatus. 2,214,191; Sept. 10.

Batcheller, Clements, Glens Falls, N. Y., assignor to Allegheny Ludlum Steel Corporation. Table top. 2,193,018; Mar. 12.

Batcheller, Clements, Glens Falls, N. Y., assignor to Allegheny Ludlum Steel Corporation, Pittsburgh, Pa. Refractory panel sheet. 2,195,881; Apr. 2.

Batcheller, Clements, Glens Falls, assignor to Allegheny Ludlum Steel Corporation, Pittsburgh, Pa. Coloration of stainless steel. 2,219,554; Oct. 29.

Batcheller, Hugh W., Newton, assignor to Standard Mfg. Co., Worcester, Mass. Rheostat switch. 2,205,380; June 25.

Batchelor, Clyde S. (See Bockius, C., Batchelor, and Cook.)

Batchelor, John C., Hastings on Hudson, N. Y. Television reproducer. 2,186,570; Jan. 9.

Batchelor, John C., New York, N. Y. Electro-optical apparatus. 2,196,691; Apr. 9.

Batchelor, John C., New York, N. Y. Electro-optical method and apparatus. 2,203,347; June 4.

Batchelor, John C., Hastings on Hudson, N. Y. Entertainment receiver. 2,205,461; June 25.

Batcher, Ralph R. (See Cardwell, A. D., and Batcher.)

Bateman, Alva W., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating device. 2,196,692; Apr. 9.

Bateman, Ernest. (See Sherrard, E. C., Beglinger, Hohf, and Bateman.)

Bateman, Frederic H., Grenlock, N. J. Method of and means for planting. 2,222,015; Nov. 19.

Bateman, Joseph L., deceased, Washington, D. C., Kate Bateman and Warren E. Miller, executors. Pipe spacing mold. 2,212,974; Aug. 27.

Bateman, Kate, et al., executors. (See Bateman, Jaseph L.)

Bateman, Raymond S., Lindsay, Calif. Cultivator. 2,188,029; Jan. 23.

Bateman, Roy D., Virginia Highlands, Va., assignor to Automatic Drive and Transmission Company, Ossining, N. Y. Semiautomatic clutch. 2,195,354; Mar. 26.

Bateman, William T., administrator. (See Sherrard, E. C., Beglinger, Hohf, and Bateman.)

Bates, Albert H. (See Roberts, Fred T., assignor.)

Bates, Arthur, Malvern, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Lasting machine. 2,225,029; Dec. 17.

Bates, Beulah H. (See Bates, Walter A., assignor.)

Bates, Clifford V., Chicago, Ill. Electric timing device. 2,214,654; Sept. 10.

Bates, Harold O., Cranford, N. J. Strip punching machine. 2,202,889; June 4.

Bates, Harold O., Union, N. J. Stamping machine. 2,213,831; Sept. 3.

Bates, Harry. (See Sweeney, J. L., and Bates.)

Bates, Harry, and J. L. Sweeney, assignors to Bates Laboratories, Inc., New York, N. Y. Typewriters. 2,206,624; July 2.

Bates, Harry H., Ridley Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Temperature control means for gear cutting. 2,221,127; Nov. 12.

Bates, John R., Chicago, Ill. Air conditioner. 2,210,354; Aug. 6.

Bates, Joseph D., West Springfield, Mass. Mop. 2,199,147; Apr. 30.

Bates, Joseph D., West Springfield, Mass. Ice pack. 2,211,636; Aug. 13.

Bates, Joseph D., West Springfield, Mass. Bathing brush. 2,221,128; Nov. 12.

Bates, Joseph D., Springfield, Mass. Cleaning device. 2,226,654; Dec. 31.

Bates Laboratories, Inc. (See Bates, H., and Sweeney, assignors.)

Bates Laboratories, Inc. (See Sweeney, J. L., and Bates, assignors.)

Bates, Lawrence G., assignor to Continental Say When Corporation, Cleveland, Ohio. Liquid dispensing device. 2,214,714; Sept. 10.

Bates Manufacturing Company, The. (See Houwen, Frederick C., assignor.)

Bates Manufacturing Company, The. (See Peters, W. A., and Stone, assignors.)

Bates, Mark C., and B. H. Stenberg, Chicago, Ill.; said Stenberg assignor to said Bates. Annealing furnace. 2,220,797; Nov. 5.

Bates, Methyl, Natick, assignor to Dennison Manufacturing Company, Framingham, Mass. Decorative figure. 2,208,445; July 16.

Bates, Mortimer F., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Resetting means for air borne gyroscopes. 2,200,976; May 14.

Bates, Mortimer F., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Radio drift course finder. 2,207,709; July 16.

Bates, Sidney E., Chicago, T. E. Rodman, Glencoe, and E. Overmier, La Grange, assignors, by mesne assignments, to Poor & Company, Chicago, Ill. Pump actuating mechanism for rail lubricators. 2.223.714; Dec. 3.

Bates, Sidney Q., assignor of one-half to F. H. Thrailkill, Houston, Tex. Feed water heater. 2,185,177; Jan. 2.

Bates, Walter A., assignor to B. H. Bates. Joliet, Ill. Welding gratings. 2,187,529; Jan. 16.

Batesville Casket Company, The. (See Purkiss, Robert B., assignor.)

Batey, Alan and R. W. Coupland, Montreal, Quebec, Canda. Transit gear for airplanes. 2,186,060; Jan. 9.

Bath, Cyril J., Cleveland, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Shears and the like. 2,191,826; Feb. 27.

Bath, Wilmer H., West Conshohocken, assignor to The Sharples Corporation, Philadelphia, Pa. Centrifugal separator. 2,209,554; July 30.

Batho, William F., assignor to Enterprise Railway Equipment Company, Chicago, Ill. Load discharging car construction. 2,222,280; Nov. 19.

Batkin, Gregory, New York, N. Y. Ball-projecting toy. 2,193,441; Mar. 12.

Batley, Alan. (See Ayres, D. E. R., Batley, and Knott.)

Batsel, Cecil N., Los Angeles, Calif., assignor to Radio Corporation of America. Monitoring system. 2,220,198; Nov. 5.
Batsel, Max C., Haddonfield, N. J., assignor to Radio Corporation of America. Method of and apparatus for sound recording. 2,210,392; Aug. 6.
Batt, Walter C. (See Ryan, H. S., and Batt.)
Battele, Edith H., Philadelphia, Pa. Ironing board or table. 2,210,648; Aug. 6.
Battelle Memorial Institute. (See Attwood, John G., assignor.)
Battelle Memorial Institute. (See Krause, Daniel E., assignor.)
Battelle Memorial Institute. (See Krause, D. E., and Lorig, assignors.)
Battelle Memorial Institute. (See Lorig, Clarence H., assignor.)
Battelle Memorial Institute. (See Lorig, C. H., and Kinnear, assignors.)
Battelle Memorial Institute. (See Samuels, Martin L., assignor.)
Battelle Memorial Institute. (See Sullivan, J. D., and Niconoff, assignors.)
Batten, Percy H., and D. W. Morris, assignors to Twin Disc Clutch Company, Racine, Wis. Clutch. 2,204,337; June 11.
Batten, Percy H., and K. L. Bastrup, assignors to Twin Disc Clutch Company, Racine, Wis. Clutch. 2,204,879; June 18.
Battenberg, Melvin H., Van H., Chicago, Ill. Balance. 2,191,635; Feb. 27.
Battenfeld Grease and Oil Corporation. (See Yagle, Leonard W., assignor.)
Battermann, Ludwig A., Sayville, N. Y., assignor to Radio Corporation of America. Calibrating device. 2,194,414; Mar. 19.
Battin, Harold T. (See Smallwood, H. M., and Battin.)
Battin, Harold T., Ridgewood, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Continuous vulcanizing apparatus. 2,200,735; May 14.
Battin, Harold T., Ridgewood, N. J., and W. F. Silva, assignors to United States Rubber Company, New York, N. Y. Apparatus for treating textile fibers. 2,196,621; Apr. 9.
Battis, Alden B., Dedham, assignor to Henrici Laundry Machinery Company, Boston, Mass. Lock for laundry washer doors. 2,222,495; Nov. 19.
Battistone, Hugo. (See Jacobsen, D. J., and Battistone, assignors.)
Battle Creek Bread Wrapping Machine Company. (See Kuban, Kurt W., assignor.)
Battle Creek Equipment Company. (See Goodrich, Norris E., assignor.)
Battles, Guy W. (See Harm, Richard S., assignor.)
Batts, Walter H., Grand Rapids, Mich. Coat and trousers hanger. 2,220,313; Nov. 5.
Baty, J. Russ, Houston, Tex. Holder. 2,207,369; July 9.
Baudette, William L., Kansas City, Mo., assignor, by mesne assignments, to Columbia Equipment Company. Compressor valve. 2,196,287; Apr. 9.
Baudou, Maurice, et al. (See Brunswick, Jules, assignor.)
Baudou, Rene, et al. (See Brunswick, Jules, assignor.)
Baudry, René A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ventilation of totally enclosed dynamo-electric machines. 2,186,232; Jan. 9.
Baudry, René A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Explosion-resisting motor. 2,196,408; Apr. 9.
Baudry, René A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Oil-lubricated guide bearing. 2,210,700; Aug. 6.
Baudry, René A., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Water-cooled stator for dynamoelectric machines. 2,217,430; Oct. 8.
Baudry, René A., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Totally enclosed dynamoelectric machine. 2,217,431; Oct. 8.
Baudry, René A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbogenerator rotor. 2,221,567; Nov. 12.
Bauer, Albert W., Evanston, Ill. Printing plate. 2,193,800; Mar. 19.
Bauer Brothers Company, The. (See Markley, Jonathan, assignor.)
Bauer, Carl, assignor to Missouri Rolling Mill Corporation, St. Louis, Mo. Fence structure. 2,195,072; Mar. 26.
Bauer, Carl H., Chicago, Ill. Formation of expansion joints. 2,210,355; Aug. 6.
Bauer, Carl H., Evanston, Ill. Form for use in the formation of expansion joints. 2,210,356; Aug. 6.
Bauer, Carl, assignor to Missouri Rolling Mill Corporation, St. Louis, Mo. Steel tower. 2,186,190; Jan. 9.
Bauer, Edward G., Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Filling machine. 2,206,935; July 9.
Bauer, Edward L. (See Phillips, H. P., and Bauer.)
Bauer, Edward L., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston skirt expander. 2,218,737; Oct. 22.
Bauer, Fredrick C., Seville, Ohio. Patty forming machine. 2,203,518; June 4.
Bauer, Hans F., assignor to Stein, Hall Manufacturing Company, Chicago, Ill. Amylaceous composition. 2,215,846; Sept. 24.
Bauer, Hans F., assignor to Stein, Hall Manufacturing Company, Chicago, Ill. Composition prepared from dextrins. 2,215,847; Sept. 24.
Bauer, Hans F., assignor to Stein, Hall Manufacturing Company, Chicago, Ill. Preparation of pregummed hanging paper. 2,215,848; Sept. 24.
Bauer, Hans F., assignor to Stein, Hall Manufacturing Company, Chicago, Ill. Amylaceous remoistening adhesive. 2,215,849; Sept. 24.
Bauer, Hans F., assignor to Stein, Hall Manufacturing Company, Chicago, Ill. Preparation of pregelatinized starches. 2,216,179; Oct. 1.
Bauer, Hans F., Chicago, J. V. Bauer, Elmwood Park, and D. M. Hawley, Geneva, assignors to Stein, Hall Manufacturing Company, Chicago, Ill. Gummed tape manufacture. 2,188,329; Jan. 30.
Bauer, Hans F., Chicago, and B. W. Thayer, Evanston, assignors to Stein, Hall Manufacturing Company, Chicago, Ill. Preparation of bakery materials. 2,197,784; Apr. 23.
Bauer, Hans F., Chicago, J. V. Bauer, Elmwood Park, and D. M. Hawley, Geneva, assignors to Stein, Hall Manufacturing Company, Chicago, Ill. Remoistening adhesive. 2,220,987; Nov. 12.
Bauer, Hans F., Chicago, J. V. Bauer, Elmwood Park, and D. M. Hawley, Geneva, assignors to Stein, Hall Manufacturing Company, Chicago, Ill. Adhesive of the remoistening type. 2,220,988; Nov. 12.
Bauer, Herman D. (See Bayless, H. S., Bauer, and Fischer.)
Bauer, John, Sunnyside, and M. Grau, New York, N. Y. Coin chute. 2,210,875; Aug. 13.
Bauer, Jordan V. (See Bauer, Hans F. and J. V., and Hawley.)
Bauer, Jordan V., Chicago, and D. M. Hawley, Geneva, assignors to Stein, Hall Manufacturing Company, Chicago, Ill. Combining cloth and paper. 2,197,754; Apr. 23.
Bauer, Jordan V., Chicago, and D. M. Hawley, Geneva, assignors to Stein, Hall Manufacturing Company, Chicago, Ill. Water resistant amylaceous compositions. 2,212,314; Aug. 20.
Bauer, Karl, and H. Andersag, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparing beta-indolyl acetic acids. 2,222,344; Nov. 19.
Bauer, Leo, et al. (See Püschner, Julius and J., assignors.)
Bauer, Michael F., Chicago, Ill., assignor to American Utensil Company. Food dicing apparatus. 2,223,542; Dec. 3.
Bauer, Otto. (See Schwarz, C., and Bauer.)
Bauer, Rudolf, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Inductive regulator for coarse and fine regulation. 2,201,642; May 21.
Bauer & Schaurte. (See Brendel, H., and Buchholz, assignors.)
Bauer & Schaurte. (See Ehrler, T., and Harder, assignors.)
Bauer & Schaurte. (See Harder, K. M., and Ehrler, assignors.)
Bauer & Schaurte. (See Kruse, Michael, assignor.)
Bauer & Schaurte. (See Pampel, A., and Harder, assignors.)
Bauer, Stewart T. (See Ralston, A. W., Vander Wal, and Bauer.)
Bauer, Walter. (See Röhm, O., and Bauer.)
Bauer, Walter, Darmstadt, and E. Trommsdorff, Jugenheim-on-the-Bergstrasse, Germany, assignors to Röhm & Haas Company, Philadelphia, Pa. Accelerating polymerization. 2,209,246; July 23.
Bauer, Walter, Darmstadt, and F. Esser, Gundernhausen, Germany, assignors to Röhm & Haas Company, Philadelphia, Pa. Interpolymer of acrylic nitrile, methyl methacrylate, and methacrylic amide. 2,220,033; Oct. 29.
Bauer, William, Baldwin, N. Y. Combination clothes line and clothes pin. 2,213,376; Sept. 3.
Bauerle, Richard, Pittsburgh, Pa. Brush holder. 2,224,467; Dec. 10.
Bauerschmidt, Kuno, Karlshorst, Germany, assignor to General Electric Company. Circuit breaker. 2,216,583; Oct. 1.
Baugh, Robert T., Jr. (See Baugh, Robert T., assignor.)
Baugh, Robert T., assignor to R. T. Baugh, Jr., Huntsville, Ala. Coal cutter. 2,193,387; Mar. 12.
Baughman, George W. (See Gilson, R. M., and Baughman.)
Baughman, George W. (See Thompson, H. A., and Baughman.)
Baughman, George W., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control apparatus. 2,208,446; July 16.
Baughman, George W., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,224,374; Dec. 10.
Baughman, Ray G., Linton, Ind. Drier. 2,187,799; Jan. 23.
Baughman, Samuel E. (See Custenborder, John M., assignor.)

Baughn, Earl E. (See Wilson, L. E., and Baughn.)
Baugnée, Justin, Niederkorn, assignor to the firm Hauts Fourneaux & Acieries de Differdange-St.-Ingbert-Rumelange Société Anonyme, Luxemburg, Luxemburg. Producing iron girders and very large T-section iron. 2,201,071; May 14.
Baule, Gerhard H. J. (See Cooper, J., and Baule.)
Baule, Werner G., Detroit, Mich., assignor to Borg-Warner Corporation. Roll ironer. 2,223,593; Dec. 3.
Baum, Donald H. (See Williams, H. W., and Baum.)
Baum, Ewald G., Natick, Mass., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Apparatus for capping bottles. 2,190,509; Feb. 13.
Baum, Lester A. H. (See Clarvoe, G. W., and Baum.)
Bauman, Joseph. (See Williams, J. J., and Bauman.)
Bauman, Merle W., Seattle, Wash. Oil cup. 2,185,622; Jan. 2.
Bauman, Oscar G., St. Louis, Mo. Tool and tackle box. 2,203,008; June 4.
Bauman, Thomas S., Lancaster, assignor to Classic Glass, Inc., Columbus, Ohio. Apparatus for applying decorative color effects to glass and ceramic ware. 2,206,686; July 2.
Baumann, Emil. (See Rodenbacker, W., and Baumann.)
Baumann, Fritz, and H. W. Schwechten, Leverkusen-I. G. Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuff of the quinazoline series. 2,187,812; Jan. 23.
Baumann, Fritz, and H. W. Schwechten, Leverkusen-I. G. Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuff of the phthaloyl quinazoline series. 2,187,813; Jan. 23.
Baumann, Fritz, and H.-W. Schwechten, Leverkusen-I. G. Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Condensation products of the anthraquinone series. 2,188,103; Jan. 23.
Baumann, Fritz, and H. W. Schwechten, Leverkusen-I. G. Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Condensation products of the anthraquinone series. 2,188,104; Jan. 23.
Baumann, Fritz, and H.-W. Schwechten, Leverkusen, and A. Krause and R. Zell, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation. Aminoanthraquinones. 2,199,813; May. 7.
Baumann, H. F., Mech. Kratzenfabrik G. m. b. H. (See Lutz, August G., assignor.)
Baumann, Hellmut, Hamburg, Germany, assignor to Askania-Werke A. G. vormals Centralwerkstatt-Dessau und Carl Bamberg-Friedenau. Acceleration responsive device. 2,193,707; Mar. 12.
Baumann, Paul. (See Heer, L., and Baumann.)
Baumann, Paul. (See Meyer-Delius, H., Heer, and Baumann.)
Baumann, Paul, Leuna, and H. Schilling, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Jasco, Incorporated. Recovery of acetylene-containing gases free from carbon black and hydrocyanic acid. 2,213,267; Sept. 3.
Baumann, Paul, Leuna, L. Heer, Ludwigshafen-on-the-Rhine, and K. Krapp and W. Nowag, Mannheim, Germany, assignors, by mesne assignments, to Jasco, Incorporated. Initiation of electric arcs fed by controlled rectifiers for carrying out chemical reactions. 2,215,867; Sept. 24.
Baumann, Werner, Paris, France. Screw propeller. 2,193,616; Mar. 12.
Baumbach, Emil A., Chicago, Ill. Selg-aligning leader pin oiler. 2,225,145; Dec. 17.
Baumeister, Wilhelm. (See Flemming, W., and Baumeister.)
Baumgard, Phillip L. (See Britten, J. F., King, and Baumgard.)
Baumgardner, Craven A., Huntington, W. Va., assignor to Mergenthaler Linotype Company. Automatic brake for the main shaft of a typographical machine. 2,214,873; Sept. 17.
Baumgardner, Harry J., Kiefer, Okla. Eccentric power yoke. 2,206,526; July 2.
Baumgardt, Wilhelm. (See Halbrock, F., and Baumgardt.)
Baumgartner, August. (See Wieking, W. C., and Baumgartner.)
Baumont, William M., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,185,287; Jan. 2.
Baumstark, Magda, Chicago, Ill. Ornament and making the same. 2,211,487; Aug. 13.
Baumzweiger, Benjamin, Chicago, Ill., assignor to S. N. Shure, doing business as Shure Brothers. Microphone apparatus. 2,198,424; Apr. 23.
Baur, Jordan V., assignor to Stein, Hall Manufacturing Company, Chicago, Ill. Composition adapted for use as an adhesive. 2,212,557; Aug. 27.
Baur, Paul. (See Haug, F., and Bauer.)
Bausch, Carl L., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Spectacle case. 2,203,402; June 4.
Bausch & Lomb Optical Company. (See Bausch, Carl L., assignor.)
Bausch & Lomb Optical Company. (See Bouchard, Samuel E., assignor.)
Bausch & Lomb Optical Company. (See Burroughs, Kenneth C., assignor.)
Bausch & Lomb Optical Company. (See Cook, Alan A., assignor.)
Bausch & Lomb Optical Company. (See Diggins, Bartholomew A., assignor.)
Bausch & Lomb Optical Company. (See Diggins, B. A., and Gallasch, assignors.)
Bausch & Lomb Optical Company. (See Diggins, B. A., and Trautmann, assignors.)
Bausch & Lomb Optical Company. (See Dittmer, Arthur F., assignor.)
Bausch & Lomb Optical Company. (See Ellestad, Gerhard A., assignor.)
Bausch & Lomb Optical Company. (See Forrest, J. W., and Straat, assignors.)
Bausch & Lomb Optical Company. (See Foster, John S., assignor.)
Bausch & Lomb Optical Company. (See Gallasch, George B., assignor.)
Bausch & Lomb Optical Company. (See Gallasch, G. B., Kurtz, and Wittig, assignors.)
Bausch & Lomb Optical Company. (See Jobe, Frederick W., assignor.)
Bausch & Lomb Optical Company. (See Kimball, Donald E., assignor.)
Bausch & Lomb Optical Company. (See Kurtz, Henry F., assignor.)
Bausch & Lomb Optical Company. (See Kurtz, H. F., and Wolfe, assignors.)
Bausch & Lomb Optical Company. (See Markell, Stanley, assignor.)
Bausch & Lomb Optical Company. (See Perkins, W. T., and Trautmann, assignors.)
Bausch & Lomb Optical Company. (See Scott, M. R., and Sterling, assignors.)
Baush Machine Tool Company. (See Eden, James A., assignor.)
Bausman, A. Linton. (See Leshure, Willard P., assignor.)
Bausman, Alonza L., assignor to National Equipment Company, Springfield, Mass. Filter press. 2,216,484; Oct. 1.
Bausman, Alonzo L., assignor to National Equipment Company, Springfield, Mass. Apparatus for automatically molding confectionery. 2,226,890; Dec. 31.
Bautz, Daniel, Milwaukee, Wis. Condensation collector for toilet flush tanks. 2,211,226; Aug. 13.
Bave, Edwin B., Plainfield, N. J. Lighting system for automobiles. 2,214,447; Sept. 10.
Bawden, Richard, Plough Works, South Molton, assignor to Roadless Traction Limited, Hounslow, Middlesex, England. Tractor lug. 2,222,558; Nov. 19.
Baxendale, Samuel, Dearborn, Mich. Collet. 2,214,241; Sept. 10.
Baxendale, Samuel, Dearborn, Mich. Stock feeding means for automatic machine tools. 2,216,872; Oct. 8.
Baxter, Ernest W., Van Wert, Ohio. Hydraulic valve lifter. 2,187,008; Jan. 16.
Baxter, James G. (See Hickman, K. C. D., and Baxter.)
Baxter, James G., and R. L. Edwards, assignors, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Purification of esters. 2,197,546; Apr. 16.
Baxter, John B., assignor to The Covert Manufacturing Company, Troy, N. Y. Snap hook. 2,187,441; Jan. 16.
Baxter, John P., Widnes, Lancaster, and L. T. Dod, Crosby, Liverpool, England, assignors to Imperial Chemical Industries, Limited. Chlorinated rubber product. 2,191,748; Feb. 27.
Baxter, Joseph, Jr., Franklin, assignor to The Black-Clawson Company, Hamilton, Ohio. Breaker roll. 2,208,316; July 16.
Baxter, Joseph, Jr., Franklin, assignor to The Black-Clawson Company, Hamilton, Ohio. Screening apparatus. 2,222,760; Nov. 26.
Baxter, Joseph M., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Control for volume and tuning of a radio set. 2,189,558; Feb. 6.
Baxter Laboratories, Inc. (See Nesset, Naurice M., assignor.)
Baxter, Mabel E., Belvidere, Ill. Hat support. 2,195,162; Mar. 26.
Baxter, William C., Newtown, Mass. Food product and making same. 2,200,977; May 14.
Baxter, William C., assignor to Trimble Nurseryland Furniture, Inc., Rochester, N. Y. Dressing table for infant's bath stand. 2,197,992; Apr. 23.
Baxter, William C., assignor to Trimble Nurseryland Furniture, Inc., Rochester, N. Y. Infant's folding toilet seat. 2,203,076; June 4.
Baxter, William L., Marblehead, assignor to The Sweeper-Vac Company, Worcester, Mass. Food molding machine. 2,187,511; Jan. 16.
Baxter, William L., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Last jack. 2,193,187; Mar. 12.
Baxter, William L., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Last. 2,219,465; Oct. 29.
Bay, Charles A., Morristown, N. J., assignor to Metropoliton Device Corporation. Solderless connector. 2,193,442; Mar. 12.
Bay, Thomas J., U. S. Navy. Condenser tube protector. 2,195,403; Apr. 2.
Bay, Thomas J., United States Navy. Condenser tube protector. 2,225,615; Dec. 24.
Bayder, George. (See Cale, Lambert R., assignor.)
Bayer, Otto. (See Doser, A., Bayer, and Hintzmann.)

Bayer, Otto. (See Kleiner, H., Delfs, and Bayer.)
Bayer, Otto. (See Nadler, F., Hoyer, and Bayer.)
Bayer, Otto. (See Petersen, S., Bayer, and Taube.)
Bayer, Otto. (See Schepss, W., and Bayer.)
Bayer, Otto. (See Schrader, G., and Bayer.)
Bayerische Flugzeugwerke A. G. (See Busselmeier, Rudolf, assignor.)
Bayerische Motoren Werke Aktiengesellschaft. (See Schleicher, Rudolf, assignor.)
Bayerische Motoren Werke Aktiengesellschaft. (See Schwager, Otto, assignor.)
Bayerl, Alfons, Wolfen, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Disintegration of vegetable fibrous materials. 2,186,893; Jan. 9.
Bayha, Ernst, Berlin-Haselhorst, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker control. 2,225,763; Dec. 24.
Bayless, Frank B. (See Hirsch, W. F., and Bayless.)
Bayless, Harold S., H. D. Bauer, and H. D. Fischer, Chicago, Ill. Short wave therapy unit. 2,198,073; Apr. 23.
Bayless, Ralph L., San Diego, Calif. Rotating loop antenna. 2,206,870; July 9.
Bayley, Willard M., and B. E. Hayes, Battle Creek, Mich.; said Hayes assignor to said Bayley. Universal sawing and miter cutting machine. 2,207,370; July 9.
Bayley, William D., Springfield, Ohio. Window. 2,202,685; May 28.
Bayley, William D., Springfield, Ohio. Window. 2,208,718; July 23.
Baylis, John R., assignor to City of Chicago, Chicago, Ill. Composition of matter for water treatment. 2,217,466; Oct. 8.
Baylis, Robert N., Caldwell, assignor to Smokador Manufacturing Co., Inc., Bloomfield, N. J. Ash tray. 2,209,105; July 23.
Baymiller, John W., Chicopee, Mass., assignor to A. G. Spalding & Bros. Inc. Treatment of wood. 2,203,589; June 4.
Bayne, Richard A., Detroit, Mich. Ice block forming and dispensing device. 2,185,241; Jan. 2.
Baynes, Richard F., et al. (See Workman, James, assignor.)
Bays, George S., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Recovery of liquid hydrocarbons from distillate wells. 2,212,143; Aug. 20.
Bay State Abrasive Products Company. (See Buckner, O. S., and Wilson, assignors.)
Bay State Optical Company. (See Person, Axel, assignor.)
Bay State Thread Works. (See Deane, Leon C., assignor.)
Bay West Paper Company. (See Krueger, A. G., Vaughan, Slye, and Engel, assignors.)
Bay West Paper Company. (See Vaughan, F. P., Krueger, and Slye, assignors.)
Bazarek, Waldo J., Belvidere, assignor, by mesne assignments, to A. F. Wintercorn, and one-half to W. N. Belk, Rockford, Ill. Combination tire changer and wheel balancer and tool therefor. 2,201,982; May 28.
Bazeley, Arthur J., deceased, by R. M. Bazeley, executrix, Shaker Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Uncoupling mechanism. 2,217,722; Oct. 15.
Bazeley, Ruth M., executrix. (See Bazeley, Arthur J., assignor.)
Bazzoni, Charles B., Wallingford, and J. Razek, Llanerch, assignors to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Electrical prospecting method and apparatus. 2,222,136; Nov. 19.
Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Device for operating on shoes. 2,188,972; Feb. 6.
Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Pyroxylin wafer for attaching heels and heel-Breast flaps. 2,203,769; June 11.
Beach, Almeron A., Hobart, N. Y. Paste applying apparatus. 2,191,225; Feb. 20.
Beach, Edward J., Brooklyn, assignor to Beach-Russ Company, New York, N. Y. Vacuum pump. 2,200,198; May 7.
Beach, Edward J., Brooklyn, assignor to Beach-Russ Company, New York, N. Y. Oil and water separator. 2,205,336; June 18.
Beach, Fitch H. (See Beach, Fred S. and F. H.)
Beach, Fred S. and F. H., Charlotte, Mich. Knockdown post construction. 2,206,625; July 2.
Beach, Fred S. and F. H., Charlotte, Mich. Road sander. 2,209,555; July 30.
Beach, George W., Minneapolis, Minn. Method of and apparatus for dry concentration. 2,186,599; Jan. 9.
Beach, John B., Washington, D. C. Dental floss holder. 2,187,442; Jan. 16.
Beach, Ralph M. (See Dombrown, B. A., and Beach.)
Beach, Ralph H., Ann Arbor, Mich. Electrical switching means. 2,202,440; May 28.
Beach-Russ Company. (See Beach, Edward J., assignor.)
Beacham, Clarence C. (See West, T. S., and Beacham.)
Beachler, Edward D. (See Gildersleeve, W. E., and Beachler.)
Beacon Meters, Inc. (See Finch, P. R., and Herb, assignors.)
Beacon Meters, Inc. (See Finch, P. R., and Johnson, assignors.)
Beadle, John J., assignor of one-half to F. Coates, Corydon, Iowa. Roadway smoother. 2,192,254; Mar. 5.
Beal, Carl L., Cuyahoga Falls, assignor to American Anode Inc., Akron, Ohio. System for storing latex. 2,210,160; Aug. 6.
Beal, Carl L., Cuyahoga Falls, assignor to American Anode Inc., Akron, Ohio. Throat bag. 2,225,764; Dec. 24.
Beal, Francis R., Port William, Ohio. Vacuum-insulated truck body. 2,222,063; Nov. 19.
Beal, George D. (See Barrett, E. P., and Beal.)
Beal, George D. (See Rice, R. V., and Beal.)
Beal, George D., Pittsburgh, Pa., assignor to Continental Can Company, Inc., New York, N. Y. Preparing petroleum waxes for coating containers. 2,221,341; Nov. 12.
Beal, Maurice G., Portland, Oreg. Creel accessory. 2,223,087; Nov. 26.
Beale, Charles E., Liverpool, England, assignor to Associated Telephone & Telegraph Company, Chicago, Ill. Electrical signaling system. 2,194,063; Mar. 19.
Beale, Charles E., Liverpool, England, assignor to Associated Telephone & Telegraph Company, Chicago, Ill. Telephone system. 2,218,571; Oct. 22.
Beale, Charles E., and I. T. Richards, Liverpool, England, assignors to Associated Telephone & Telegraph Company, Chicago, Ill. Telephone system. 2,186,317; Jan. 9.
Beale, Charles E., Childwall, Liverpool, I. T. Richards, Wavertree, Liverpool, and O. A. Pearce, Barnston, England, assignors to Associated Telephone & Telegraph Company, Chicago, Ill. Telephone system. 2,207,530; July 9.
Beale, Charles E., and I. T. Richards, Liverpool, England, assignors to Associated Telephone & Telegraph Company, Chicago, Ill. Automatic switch for use in telephone or like systems. 2,210,876; Aug. 13.
Beale, Evelyn S. L., Chelsea, London, England. Apparatus for measuring viscosity. 2,209,755; July 30.
Beale, Evelyn S. L., Chelsea, London, England, assignor to International Standard Electric Corporation, New York, N. Y. Tuned electric circuits. 2,186,571; Jan. 9.
Beall, Herbert W., Sumter, S. C. Printing machine. 2,225,529; Dec. 17.
Beam, Vilynn O., Cleveland Heights, assignor to The Bryant Heater Company, Cleveland, Ohio. Immersion type thermostat. 2,185,623; Jan. 2.
Beam, Vilynn O., Cleveland Heights, assignor to The Bryant Heater Company, Cleveland, Ohio. Heater. 2,190,349; Feb. 13.
Beam, Vilynn O., Cleveland Heights, assignor to The Bryant Heater Company, Cleveland, Ohio. Control for fuel burning apparatus. 2,192,629; Mar. 5.
Beam, Vilynn O., Cleveland Heights, assignor to The Bryant Heater Company, Cleveland, Ohio. Gas control for boilers and the like. 2,192,630; Mar. 5.
Beam, Vilynn O., Cleveland Heights, assignor to The Bryant Heater Company, Cleveland, Ohio. Automatic fuel ignition. 2,192,631; Mar. 5.
Beam, Vilynn O., Cleveland Heights, assignor to The Bryant Heater Company, Cleveland, Ohio. Burner control system. 2,192,632; Mar. 5.
Beam, Vilynn O., Cleveland Heights, assignor to The Bryant Heater Company, Cleveland, Ohio. Surface thermostat. 2,192,633; Mar. 5.
Beaman, George B., Jersey City, N. J., assignor to Gaylord Container Corporation, St. Louis, Mo. Container. 2,214,220; Sept. 10.
Beaman, George B., Jersey City, N. J., and B. M. Williams, assignors to Gaylord Container Corporation, St. Louis, Mo. Container. 2,220,388; Nov. 5.
Beaman & Langford, trustee. (See Carmichael, T. Frazer, assignor.)
Beaman, Townsend F. (See Snell, Samuel A., assignor.)
Beament, Thomas G., Orillia, Ontario, Canada. Composite wear-resisting body. 2,210,357; Aug. 6.
Beamer, Charles W., Mojave, Calif. Plow or colter disk. 2,187,443; Jan. 16.
Beamer, Clayton M. (See Cohen, C. A., and Beamer.)
Beames, Walden C., River Edge, N. J., assignor to Devoe & Raynolds Co., Inc. Brush construction. 2,190,181; Feb. 13.
Beames, Walden C., River Edge, N. J., assignor to Devoe & Raynolds Co., Inc. Brush construction. 2,190,182; Feb. 13.
Bean, Arthur W. (See Lowe, V. J., and Bean.)
Bean, Barton A., Jr. (See Whedon, LeGrand S., assignor.)
Bean, Frederic R., assignor to Eastman Kodak Company, Rochester, N. Y. Treatment of motor fuels. 2,201,553; May 21.
Bean, Frederic R., assignor to Eastman Kodak Company, Rochester, N. Y. Treatment of motor fuels with aromatic esters. 2,211,313; Aug. 13.
Bean, James J., Salt Lake City, Utah, assignor to American Cyanamid Company, New York, N. Y. Agitating, aerating, and/or mixing machine. 2,191,739; Feb. 27
Bean, Morris, Yellow Springs, Ohio. Casting metal, mold therefor, and method of making same. 2,220,703; Nov. 5.
Bean Music Company. (See Rebsamen, William F., assignor.)

Bean, Robert. (See Lynch, Vernon C., assignor.)
Bean, Robert F., Bridgeport, Conn., assignor to General Electric Company. Food-working device. 2,192,843; Mar. 5.
Bean, Robert F., Bridgeport, Conn., assignor to General Electric Company. Coupling. 2,192,844; Mar. 5.
Bean, Robert F., Bridgeport, Conn., assignor to General Electric Company. Power unit. 2,192,845; Mar. 5.
Bean, Robert F., Bridgeport, Conn., assignor to General Electric Company. Hinge structure. 2,202,724; May 28.
Bean, Robert F., Bridgeport, Conn., assignor to General Electric Company. Juice extractor. 2,215,994; Sept. 24.
Bean, Rufus J., Clipper Mills, Calif. Detachable pipe ccupling. 2,196,622; Apr. 9.
Bear, Joseph B. (See Peyton, W. T., and Bear.)
Bear Manufacturing Co. (See Wochner, Henry, assignor.)
Bear, Paul S., assignor to Bucklen-Bear Laboratories, Inc., Elkhart, Ind. Periodic switch. 2,202,725; May 28.
Bear, Paul S., assignor to Bucklen-Bear Laboratories, Inc., Elkhart, Ind. Switch. 2,207,710; July 16.
Beard, James A., Jr. (See Dick, B., and Beard.)
Beard, Joseph W., Durham, N. C. Equine encephalomyelitis vaccine. 2,204,064; June 11.
Beard, Theodore H., and J. E. Renholdt, Bridgeport, Conn., assignors to Dictaphone Corporation, New York, N. Y. Dictating machine switch. 2,196,720; Apr. 9.
Beardslee, Harland F. (See Terry, Joseph T., assignor.)
Beardsley, Alling P. (See Laury, N. A., and Beardsley.)
Beardsley, Alling P., Plainfield, and R. H. Park, Short Hills, N. J., assignors, by mesne assignments, to American Cyanamid Company, New York, N. Y. Absorption system for nitric acid. 2,206,495; July 2.
Beardsley, Charles S., assignor to Miles Laboratories, Inc., Elkhart, Ind. Medicament spraying means. 2,195,554; Apr. 2.
Beardsley, Dilward T., assignor of one-half to E. W. Couchman, Wichita, Kans. Boring device. 2,205,237; June 18.
Beardsley, Elmer O. (See Clay, M. G., and Beardsley.)
Beardsley, Emery S., Glendale, Calif. Container closure. 2,191,447; Feb. 27.
Beardsley, Guy E., Jr. (See Parkins, W. A., and Beardsley.)
Beardsley, Guy E., Jr., West Hartford, and J. S. Hasbrouck, Manchester, assignors to United Aircraft Corporation, East Hartford, Conn. Density responsive device. 2,185,578; Jan. 2.
Beardsley, Harold H., Denver, Colo. Contra-angle dental handpiece. 2,195,555; Apr. 2.
Beardsley & Piper Company, The. (See Clay, M. G., and Beardsley, assignors.)
Beardsley & Piper Company, The. (See Hund, Ernest A., assignor.)
Beardsley & Piper Company, The. (See Naylor, Walter E., assignor.)
Beardsley & Piper Company, The. (See Piper, Walter F., assignor.)
Beardsley, Robert O., and R. R. Finn, assignors to Jones Braun.)
Beary, George. (See Crary, Clarence J., assignor.)
Beasley, French and Company Limited. (See French, Gordon W., assignor.)
Beasley, Mercer, New York, N. Y. Removable weight and balance adjustments. 2,215,899; Sept. 24.
Beasley, Walter J., Kew, and J. W. Summers, Bentleigh, Victoria, Australia; said Summers assignor to said Beasley. Box and the like. 2,221,504; Nov. 12.
& Lamson Machine Company, Springfield, Vt. Comparator. 2,222.165; Nov. 19.
Beason, Edward E., Kansas City, assignor to J. H. Peters, Independence, Mo. Door construction. 2,203,856; June 11.
Beaton & Cadwell Manufacturing Company, The. (See Work, Ernest W., assignor.)
Beatrice Creamery Company. (See Murray, Kenneth L., assignor.)
Beatrice Creamery Company. (See Parker, M. E., and Brengman, assignors.)
Beatson, William, Long Branch, N. J. Frying pan. 2,204,467; June 11.
Beattie, Caldwell A., G. L. Glassford, and W. F. Dick, Pontiac, Mich., assignors to A. B. Dick Company. Direct methods of making negatives for use in graphic arts. 2,195,556; Apr. 2.
Beattie, Horace S. (See Fuller, F. L., and Beattie.)
Beattie, John P., Oak Park, assignor to Electric Household Utilities Corporation, Chicago, Ill. Drive mechanism. 2,186,797; Jan. 9.
Beattie, William C., assignor to N. O. Hipel, Limited, Preston, Ontario, Canada. Wooden truss for roofs. 2,187,009; Jan. 16.
Beatty, David E. (See Uecker, R. A., Beatty, and Graser.)
Beatty, David E. (See Uecker, R. A., Rambo, and Beatty.)
Beatty, Robert J., assignor to The Federal Glass Company, Columbus, Ohio. Method and apparatus for producing glassware. 2,225,948; Dec. 24.
Beaty, Don M., Vandalia, Ill., assignor to Johnson, Stephens and Shinkle Shoe Company, St. Louis, Mo. Trimmer guard. 2,209,503; July 30.
Beauchamp, Wilfred A., Chicago, Ill. Metallic placard holding means for railway freight cars. 2,210,649; Aug. 6.
Beauchamp, Wilfred A., Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Roller blank and making rollers therefrom. 2,203,125; June 4.
Beauchamp, Wilfred A., Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,215,315; Sept. 17.
Beauchamp, Wilfred A., Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,225,679; Dec. 24.
Beaudry, Pierre, Mont-Rolland, Terrebonne, Quebec, Canada. Rig for sailboats. 2,197,654; Apr. 16.
Beaumont Birch Company. (See Hale, William E., assignor.)
Beaumont Birch Company. (See Hampton, John H., assignor.)
Beaumont, Oliver H. (See Lykos, J., and Beaumont.)
Beaunit Mills, Inc. (See Frank, Frederick C., assignor.)
Beauvais, John B., Holyoke, Mass. Water heater. 2,225,606; Dec. 24.
Beaven, William J., Austin, Tex. Rotary bit. 2,226,655; Dec. 31.
Beaver, Charles J., Bowdon, and E. L. Davey, Timperley, assignors to W. T. Glover & Company Limited, Manchester, Lancashire, England. Electric cable. 2,208,832; July 23.
Beaver, David J., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Vulcanizing rubber. 2,199,979; May 7.
Beaver, David J., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Thiazoles. 2,226,799; Dec. 31.
Beaver, Hartsell W., Statesville, N. C. Lawn mower sharpener. 2,204,293; June 11.
Beaver Pipe Tools, Inc. (See Pealer, Robert B., assignor.)
Bebie, Edwin W., Hawthorne, N. J., assignor to International Paper Company. Core plug. 2,196,378; Apr. 9.
Bebin, Paul. (See Souviron, P. F. J., Bigourdan, and Bebin.)
Beccard, Emil B., St. Louis, Mo. Color plate and printing form registering machine. 2,223.505; Dec. 3.
Beccio, Giuseppe, assignor to the firm Ing. C. Olivetti & C. S. A., Ivrea, Italy. Automatic responding arrangement for use in telegraphic printers. 2,214,631; Sept. 10.
Beccio, Guiseppe, assignor to Firm Ing. C. Olivetti & C. S. A., Ivrea, Italy. Paper-supporting roll in typewriting or telegraph machines writing on paper strips. 2,221,858; Nov. 19.
Bechberger, Paul F., Englewood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Earth inductor compass. 2,206,018; July 2.
Becher, Wesley R., Wethersfield, assignor to The Silex Company, Hartford, Conn. Strainer and making the same. 2,188,493; Jan. 30.
Becherer, Fritz, Riehen, near Basel, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Water-soluble condensation product and its manufacture. 2,199,776; May 7.
Becherer, Fritz, Riehen, near Basel, assignor to the firm of J. R. Geigy A. G., Basel, Switzerland. Assistants for the textile and related industries and their manufacture. 2,212,224; Aug. 20.
Bechman, William O. (See Baker, D. B., Bechman, Hartsough, and Overholt.)
Bechman, William O. (See Baker, D. B., Rogers, and Bechman.)
Bechman, William O. (See Rogers, C. R., and Bechman.)
Bechman, William O., Chicago, Ill., assignor to International Harvester Company. Drawbar construction. 2,187,411; Jan. 16.
Bechman, William O., and R. A. Holmberg, Chicago, Ill., assignors to International Harvester Company. Wheel. 2,200,766; May 14.
Becht, Howell M., assignor of one-half to A. W. Lick, Harrisburg, Pa. Antiskid appliance. 2,204,921; June 18.
Bechtel, Milton W., Warren, Ohio. Folding film editing apparatus. 2,218,256; Oct. 15.
Bechtel, Wesley, Hollywood, Calif. Cigarette package. 2,226,046; Dec. 24.
Bechtner, Paul and W. B. Hirschmann, assignors, by mesne assignments, to American Colloid Co., Chicago, Ill. Clay and mixing it with water. 2,186,661; Jan. 9.
Bechtold, Ira C., Colton, assignor to California Portland Cement Company, Los Angeles, Calif. Manufacture of Portland cement. 2,203,809; June 11.
Bechtold, Ira C., Colton, assignor to California Portland Cement Company, Los Angeles, Calif. Pelletized Portland cement. 2,221,175; Nov. 12.
Bechtold, Ira C., Colton, assignor to California Portland Cement Company, Los Angeles, Calif. Portland cement and its manufacture. 2,225,146; Dec. 17.
Bechtold, Ira C., Colton, assignor to California Portland Cement Company, Los Angeles, Calif. Portland cement manufacture. 2,225,147; Dec. 17.
Bechtold, Ira C., Colton, assignor to California Portland Cement Company, Los Angeles, Calif. Plastic Portland cement. 2,225,148; Dec. 17.
Bechtold, Ira C., and H. E. Kaiser, Colton, assignors to California Portland Cement Company, Los Angeles, Calif. Portland cement. 2,225,149; Dec. 17.

Bechtold, Ira C., and H. E. Kaiser, Colton, assignors to California Portland Cement Company, Los Angeles, Calif. Portland cement. 2,225,150; Dec. 17.
Bechtold, Reuben E., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Liquid dispensing apparatus. 2,194,843; Mar. 26.
Beck, Adolf, H. Schunck, and G. Ostermann, Bitterfeld, Germany, assignors, by mesne assignments, to Magnesium Development Corporation. Melting magnesium and magnesium base alloys in induction furnaces. 2,208,242; July 16.
Beck, Allen F., Columbus, Ohio. Latch for metallic grave vaults. 2,185,326; Jan. 2.
Beck, Allen F., Columbus, Ohio. Metallic grave vault. 2,185,493; Jan. 2.
Beck, August, assignor to Waite Carpet Company, Oshkosh, Wis. Rug. 2,212,413; Aug. 20.
Beck, Charles W., Toledo, Ohio. Container for cards. 2,185,624; Jan. 2.
Beck, Chester O., and W. H. Degge, Fresno, Calif. Device for setting and holding pins for games. 2,187,995; Jan. 23.
Beck Duplicator Company, The. (See Pittman, Reinhart W., assignor.)
Beck, Earl W., Eggertsville, N. Y., and V. Walker, Fort Erie, Ontario, assignor, by mesne assignments, to Al-Cin, Inc. Catadioptric device and manufacture thereof. 2,213,023; Aug. 27.
Beck, Einar J., and G. G. Bluemink, assignors of one-third to H. Nelson, Racine, Wis. Electric light for bicycles. 2,199,064; Apr. 30.
Beck, Ernie J. (See Van Derveer, C. A., and Beck.)
Beck, Francis M., Schenectady, N. Y., assignor to General Electric Company. Control for resistance line welding machines. 2,209,805; July 30.
Beck, Frederick D., Glencoe, Ill. Vibration absorbing support. 2,209,592; July 30.
Beck, Gilbert E., Andrade, Calif. Artificial limb. 2,207,473; July 9.
Beck, Hans, and E. Dorrer, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Production of shaped articles. 2,215,573; Sept. 24.
Beck, John W. (See Eichelsdoerfer, T. P., and Beck.)
Beck, Koller & Company. (See Hodgins, T. S., and Hovey, assignors.)
Beck, Koller & Company. (See Hovey, A. G., and Hodgins, assignors.)
Beck, Leo, Upper Montclair, N. J., assignor to Catalin Corporation. Laminated material and method of manufacture. 2,227,212; Dec. 31.
Beck, Ludwig, Berlin-Zehlendorf, Germany. Carburetor. 2,212,258; Aug. 20.
Beck, Ludwig, Berlin, assignor of one-third to L. Bertele, Berlin-Steglitz, and one-third to A. Dusterloh, Sprockhovel, Germany. Carburetor for internal combustion engines. 2,208,317; July 16.
Beck, Mark F., Rockaway Beach, N. Y. Printing and reproduction plate. 2,217,039; Oct. 8.
Beck, Otto. (See Hurst, M., and Beck.)
Beck, Peter A. (See Armor, H. F., and Beck.)
Beck, Thomas M., and G. I. Klein, Chicago, Ill., assignors to Victor Chemical Works. Adsorbent product and using the same. 2,214,520; Sept. 10.
Beck, Urban R., Minneapolis, Minn. Lazy back. 2,186,318; Jan. 9.
Beck, Walter, Rock Island, Ill., assignor to Montgomery Elevator Company. Drive mechanism. 2,193,683; Mar. 12.
Beck, Walter, assignor to Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfort-on-the-Main, Germany. Salt melts as heat transfer media. 2,211,047; Aug. 13.
Beckel, Carl C., Clemmons, N. C. Ice creeper. 2,202,570; May 28.
Becker, Bernard C., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,198,900; Apr. 30.
Becker, Bernard C., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,202,979; June 4.
Becker, Bernard C., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,202,980; June 4.
Becker, Bernard C., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,205,078; June 18.
Becker, Bernard C., deceased, Canton, Ohio, by B. E. Becker, executrix, York, Pa., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,218,160; Oct. 15.
Becker, Bernard C., deceased, Canton, Ohio, by B. Becker, executrix, York, Pa., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,226,365; Dec. 24.
Becker, Bernice, executrix. (See Becker, Bernard C.)
Becker, Bernice E., executrix. (See Becker, Bernard C., assignor.)
Becker, Emil, Munich, Germany. Riveting apparatus. 2,218,805; Oct. 22.
Becker, Emil, Munich, Germany. Riveting device. 2,221,830; Nov. 19.
Becker, Emil, Munich, and J. E. Becker, Stoney Creek, Ontario, Canada. Welding transformer. 2,223,054; Nov. 26.
Becker, Ernst, assignor to firma Autogenwerk "Sirius" Gesellschaft mit beschränkter Haftung, Dusseldorf, Germany. Self-advancing autogenous torch. 2,185,781; Jan. 2.
Becker, Fred A., New York, N. Y. Dispensing device. 2,216,064; Sept. 24.
Becker, Gottfried. (See Daeves, K., Becker, and Steinberg.)
Becker, Hans. (See Corell, M., Vollman, and Becker.)
Becker, Hazen K. (See Jurgens, E. G., and Becker.)
Becker, Heinz, Hamburg, Germany. Gas furnace. 2,207,474; July 9.
Becker, Helmut, H. Broschke, and O. Sänger, assignors to Ernst Leitz G. m. b. H., Wetzlar, Germany. Motion picture camera. 2,186,443; Jan. 9.
Becker, Helmut, H. Broschke, and E. Filsinger, Wetzlar, Germany, assignors, by mesne assignments, to F. Dumur, Lausanne, Switzerland. Roll film camera. 2,221,568; Nov. 12.
Becker, Helmut, and E. Filsinger, Wetzlar, Germany, assignor, by mesne assignments, to F. Dumur, Lausanne, Switzerland. Transmission mechanism for cameras. 2,227,240; Dec. 31.
Becker, Henry E., Akron, Ohio, assignor to Amalgamated Engineering and Research Corporation, Chicago, Ill. Apparatus for controlling electric circuits. 2,195,199; Mar. 26.
Becker, John E. (See Becker, Emil and J. E.)
Becker, Joseph, assignor to Koppers Company, Pittsburgh, Pa. Coking retort oven. 2,207,573; July 9.
Becker, Lester O., assignor to J. Pavelka, St. Louis, Mo. Rail bender. 2,216,152; Oct. 1.
Becker, Oskar W. (See Freudenberg, H., Becker, and Braun, assignors.)
Becker, P., & Company. (See Schnur, William V., assignor.)
Becker, Rudolph, North Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,222,016; Nov. 19.
Becker, Rudolph, North Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,222,017; Nov. 19.
Becker, Rudolph, North Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Loopermechanism for sewing machines. 2,224,028; Dec. 3.
Becker, Samuel J. (See Shapiro, Henry, assignor.)
Becker, Stephen P., Poughkeepsie, N. Y. Straight line connector. 2,217,978; Oct. 15.
Becker, Walter R., and A. W. Lorenz, Milwaukee, Wis. Accordion support. 2,218,142; Oct. 15.
Becker, Wilhelm. (See Blömer, A., and Becker.)
Becker, Wilhelm. (See Rosenthal, L., and Becker.)
Becker, Wilhelm. (See Wollthan, H., and Becker.)
Becket, Frederick M., New York, and R. Franks, Niagara Falls, N. Y., assignors to Electro Metallurgical Company. Low alloy steel. 2,194,178; Mar. 19.
Becket, Frederick M., New York, and R. Franks, Niagara Falls, N. Y., assignors to Electro Metallurgical Company. Austenic alloy steel. 2,198,598; Apr. 30.
Becket, Frederick M., New York, and R. Franks, Niagara Falls, N. Y., assignors to Electro Metallurgical Company. Austenitic alloy steel. 2,225,440; Dec. 17.
Beckett, Howard P. (See Seckendorf, R. P., Perry, and Beckett.)
Beckett, Lloyd S., Boston, Mass. Cap and dropper. 2,188,802; Jan. 30.
Beckett, Milton, Bridgeton, N. J. Spark plug. 2,212,893; Aug. 27.
Beckett, William A., Kingsville, Ontario, assignor of one-half to F. K. Jasperson, Windsor, Ontario, Canada. Gas heating apparatus. 2,210,228; Aug. 6.
Becklin, Oscar, Los Angeles, Calif. Wrench. 2,210,274; Aug. 6.
Beckman, Charles E. (See Ostand, D., Ernst, and Beckman.)
Beckman, Charles L. (See Palmero, J. B., and Paster, assignors.)
Beckman, Fred G., Muskogee, Okla. Combination rotary table and pack-off head. 2,199,733; May 7.
Beckman, Fred G., Muskogee, Okla. Portable rotary table. 2,199,734; May 7.
Beckman, Fred G., Muskogee, Okla. Packing gland. 2,199,735; May 7.
Beckman, Gustaf S., assignor to Universal Winding Company, Cranston, R. I. Tension device. 2,217,094; Oct. 8.
Beckman, Philip E., and M. A. Richford, San Francisco, Calif. Gas burner. 2,187,010; Jan. 16.
Beckman, Robert L., Eugene, Oreg. Multiple power transmission drive. 2,200,686; May 14.
Beckman, William R., assignor to The Birdsell Corporation, South Bend, Ind. Receptacle stand or the like. 2,215,952; Sept. 24.
Beckmann, Werner N., et al. (See Browning, James E., assignor.)
Becknell, Ronald V. (See Schulze, J. E., and Becknell.)
Becknell, Ronald V., Chicago, Ill., assignor, by mesne assignments, to High Vacuum Processes, Inc., New York, N. Y. Mineral oil distillation. 2,217,356; Oct. 8.
Beckwith, Edward S., Omaha, Nebr. Spring wire snap. 2,201,360; May 21.
Beckwith, George M., Meadville, Pa., assignor to Talon, Inc. Slide fastener. 2,193,757; Mar. 12.

Beckwith, George R., Brady Lake, and C. H. Propper, assignors to The C. L. Gougler Machine Company, Kent, Ohio. Apparatus for treating coiled strip material. 2,199,736; May 7.

Beckwith, Lawton B., San Pedro; W. E. Grebe, Wilmington; and F. S. Scott, assignors to Union Oil Company of California, Los Angeles, Calif. Road making and the like. 2,220,670; Nov. 5.

Beckwith, Leo M., Brookline, assignor to Market Forge Co., Everett, Mass. Guard for automobiles. 2,206,444; July 2.

Beckwith Manufacturing Company. (See Lovell, Stanley P., assignor.)

Beckwith, Paul, Stroudsburg, Pa. Article carrying device. 2,186,191; Jan. 9.

Beddingfield, John R. (See Toney, Homer R., assignor.)

Bedell, James R., Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Applicator. 2,201,516; May 21.

Bedford, Albert P., assignor to Universal Button Fastening & Button Company, Detroit, Mich. Attaching apparatus. 2,196,159; Apr. 2.

Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Phonograph. 2,185,882; Jan. 2.

Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Television system and operation thereof. 2,192,121; Feb. 27.

Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Electrical transmission system. 2,200,073; May 7.

Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Frequency control circuits. 2,201,978; May 28.

Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Television receiver. 2,207,775; July 16.

Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Television system. 2,223,812; Dec. 3.

Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Radio system. 2,223,982; Dec. 3.

Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Film projector for television. 2,227,054; Dec. 31.

Bedford, Alda V., Collingswood, and K. J. Magnusson, Merchantville, N. J., assignors to Radio Corporation of America. Camera supporting pedestal. 2,200,736; May 14.

Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric control system. 2,185,700; Jan. 2.

Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Protective system. 2,192,028; Feb. 27.

Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuit. 2,202,726; May 28.

Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuit. 2,202,727; May 28.

Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric translating apparatus. 2,209,806; July 30.

Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuits. 2,222,700; Nov. 26.

Bedford, Burnice D., Schenectady, and E. E. Moyer, Scotia, N. Y., assignors to General Electric Company. Electric valve circuit. 2,202,728; May 28.

Bedford, Edwin V. (See Havens, Walter B., assignor.)

Bedford, James P., Scranton, Pa. Vehicle signal. 2,225,732; Dec. 24.

Bedford, Reginald A., Stumperlowe, Sheffield, England. Device for removing drills or other articles from their shafts. 2,217,152; Oct. 8.

Bedford, Robert H., New York, N. Y. Frozen materials. 2,194,684; Mar. 26.

Bedford, Robert H., assignor of one-half to A. T. Sherman, New York, N. Y. Frozen material. 2,214,398; Sept. 10.

Bednarek, Frank, San Francisco, Calif. Tie-wire tool. 2,214,267; Sept. 10.

Bednarek, Peter C., Chicago, Ill., assignor to Ostermoor & Company, Bridgeport, Conn. Mattress. 2,223,594; Dec. 3.

Bednarski, Walter S. (See Matela, John, assignor.)

Bedwell, Allen C., assignor of one-half to C. H. Masengill, Blountville, Tenn. Tobacco harvesting implement. 2,213,268; Sept. 3.

Beebe, Charles H., New York, N. Y., and W. E. Beebe, Roselle Park, N. J. Indicator for motor vehicle lights. 2,223,201; Nov. 26.

Beebe, Edward M., assignor of one-half to L. Olson, Shawnee, Okla. Shale separator. 2,206,593; July 2.

Beebe, John D., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Traffic marker. 2,192,878; Mar. 12.

Beebe, John D., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Pressure arm structure. 2,201,422; May 21.

Beebe, John D., assignor, by mesne assignments, to The Trumbull Metal Products Company, E. B. Busby, Detroit, Mich., trustee. Cathode and making same. 2,219,217; Oct. 22.

Beebe, Wallace E. (See Beebe, Charles H. and W. E.)

Beebe, Watson, Cheboygan, Mich., assignor, by mesne assignments, to The Trumbull Metal Products Company. Electric etching or deposition frame. 2,190,440; Feb. 13.

Beebe, Watson, Detroit, Mich., assignor, by mesne assignments, to The Trumbull Metal Products Company, E. B. Busby, trustee, Detroit, Mich. Electrolytic production of metal screens. 2,225,733; Dec. 24.

Beebe, Watson, Detroit, Mich., assignor, by mesne assignments, to The Trumbull Metal Products Company, E. B. Busby, trustee, Detroit, Mich. Electrolytic method of making screens. 2,225,734; Dec. 24.

Beeby, Frank F., River Forest, Ill., assignor to Cement Gun Company. Chimney. 2,204,955; June 18.

Beecher, Brazier K., assignor to Michigan Alkali Company, Wyandotte, Mich. Sodium orthosilicate and making same. 2,219,646; Oct. 29.

Beecher, Eugene L., Cleveland Heights, assignor to The Gabriel Company, Cleveland, Ohio. Shock absorber. 2,214,038; Sept. 10.

Beecher, Evan R. (See True, O. S., and Beecher.)

Beecher, John W., assignor to The Bristol Company, Waterbury, Conn. Metering and integrating apparatus. 2,207,908; July 16.

Beecher, Valentine, Greenville, N. Y. Faucet. 2,188,216; Jan. 23.

Beechlyn, John T., assignor of one-half to O. S. Walker Co. Inc., Worcester, Mass. Magnetic speed changer. 2,223,866; Dec. 3.

Beech-Nut Packing Company. (See Martin, William T., assignor.)

Beeck, Otto, and F. F. Rust, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Metal catalyst and its preparation. 2,223,777; Dec. 3.

Beede, Arnold H., Fairfield, Conn., assignor to Dictaphone Corporation, New York, N. Y. Transmission of power. 2,201,118; May 14.

Beede, Stephen M., Jr., San Anselmo, and J. Kilburg, assignors to Sussman, Wormser & Co., San Francisco, Calif. Fruit processing apparatus. 2,186,471; Jan. 9.

Beeg, George R., Yonkers, N. Y. Pocket screw driver and the like. 2,196,849; Apr. 9.

Beegle, Frank M., Riverside, Ill., and H. L. Andrews, Jr., Swarthmore, Pa., assignors to Congoleum-Nairn Inc. Coating composition. 2,216,180; Oct. 1.

Beeh, Louis, Springfield, Mass. Fuel pump. 2,219,002; Oct. 22.

Beehan, Martin A., Washington, D. C. Chaplet or rosary. 2,213,516; Sept. 3.

Beekhuis, Herman A., Jr., Petersburg, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Production of nitric acid. 2,185,579; Jan. 2.

Beekhuis, Herman A., Jr., Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Production of nitric acid. 2,185,580; Jan. 2.

Beekhuis, Herman A., Jr. (See Keane, A. F., and Beekhuis.)

Beekhuis, Herman A., Jr., Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Treating liquids containing nitric and hydrochloric acids. 2,201,423; May 21.

Beekhuis, Herman A., Jr., Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Producing a metal nitrate and chlorine from nitric acid and a metal chloride. 2,208,112; July 16.

Beekhuis, Herman A., Jr., Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Decomposition of nitrosyl chloride. 2,211,531; Aug. 13.

Beekhuis, Herman A., Jr., Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Production of a nitrate. 2,215,450; Sept. 24.

Beekhuis, Herman A., Jr., Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Absorbing nitrosyl chloride. 2,215,451; Sept. 24.

Beekhuis, Herman A., Jr., Petersburg, Va., and W. De Forest Macomber, Clay, assignors to The Solvay Process Company, New York, N. Y. Reducing corrosion and composition of matter of reduced corrosiveness towards ferrous metals. 2,198,151; Apr. 23.

Beekhuis, Herman A., Jr., Petersburg, Va., and W. De F. Macomber, Clay, assignors, by mesne assignments, to The Solvay Process Company, New York, N. Y. Preventing corrosion of ferrous metals. 2,215,077; Sept. 17.

Beekhuis, Herman A., Jr., Petersburg, Va., and W. De F. Macomber, Clay, assignors to The Solvay Process Company, New York, N. Y. Preventing corrosion of ferrous metals. 2,215,092; Sept. 17.

Beekhuis, Herman A., Jr., Petersburg, Va., and C. K. Lawrence, Baldwinsville, assignors to The Solvay Process Company, New York, N. Y. Reducing corrosion by ammoniacal solutions of inorganic salts and new composition of reduced corrosiveness. 2,220,059; Nov. 5.

Beekmann, Paul C., Atlantic, Iowa. Earth conditioning implement. 2,193,506; Mar. 12.

Beeler, Charles F., assignor, by mesne assignments, to Chrysler Corporation, Highland Park, Mich. Air conditioning system. 2,206,445; July 2.

Beeman, Donald L., Scotia, N. Y., assignor to General Electric Company. Contact arrangement for relays. 2,202,729; May 28.

Beeman, Donald L., Scotia, N. Y., assignor to General Electric Company. System of electric distribution. 2,213,877; Sept. 3.
Beemer, Paul K. (See Van Dorn, W. E., and Beemer.)
Beemer, Paul K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Wheel suspension. 2,225,966; Dec. 24.
Beer, Henri B., The Hague, Netherlands. Treatment of air. 2,203,188; June 4.
Beer, Ludwig, and P. Halbig, assignors to Consortium Fur Elektrochemische Industrie, G. m. b. H., Munich, Germany. Producing oxy-carboxylic acid esters. 2,208,355; July 16.
Beers, George H., Sr., Pittsburgh, assignor of one-half to G. M. Crawford, Borough of Pitcairn, one-fourth to G. W. Jones, III, one-eighth to J. T. Flynn, and one-eighth to P. F. Flynn, Pittsburgh, Pa. Rope holder. 2,194,967; Mar. 26.
Beers, George L., Haddonfield, N. J., assignor to Radio Corporation of America. High frequency signal responsive control system. 2,203,857; June 11.
Beers, George L., Haddonfield, N. J., assignor to Radio Corporation of America. Tuning indicator system for radio receiving apparatus and the like. 2,204,398;
Beers, George L., Haddonfield, N. J., assignor to Radio Corporation of America. Television apparatus. 2,223,983; Dec. 3.
Beers, George L., Collingswood, N. J., assignor to Radio Corporation of America. Sound reproducing system. 2,220,141; Nov. 5.
Beers, John R., Bloomfield, N. J. Anode for electron guns. 2,212,144; Aug. 20.
Beers, Joseph L., Bloomfield, N. J., assignor to Julius Kayser & Co., New York, N. Y. Yarn-laying mechanism for knitting machines. 2,213,298; Sept. 3.
Beers, Joseph L., Bloomfield, N. J., assignor to Julius Kayser & Company, New York, N. Y. Multiyarn laying mechanism for knitting machines. 2,213,299; Sept. 3.
Beers, Royce L., Birmingham, assignor to Detroit Stoker Company, Monroe, Mich. Furnace. 2,211,637; Aug. 13.
Beese, Norman C. (See Marden, J. W., Beese, and Meister.)
Beeson, Eric J. G., Southwell, England, assignor to General Electric Company. Seal. 2,219,438; Oct. 29.
Beeston, John P., assignor to Automotive Products Company Limited, London, England. Liquid pressure remote control system. 2,215,169; Sept. 17.
Beetschen, Charles, Les Plantaz, Nyon, Switzerland. Liquid fuel burner. 2,193,085; Mar. 12.
Be-Ge Manufacturing Company. (See Gurries, Albert G., assignor.)
"Be-Ge" Manufacturing and Welding Works. (See Gurries, Albert G., assignor.)
Begg, Hugh S., Oakland, Calif. Shock absorber. 2,194,001; Mar. 19.
Begg, Hugh S., Oakland, Calif. Adjustable shock absorber. 2,194,002; Mar. 19.
Beggs, Don, assignor to Surface Combustion Corporation, Toledo, Ohio. Fuel burner control system. 2,200,908; May 14.
Beggs, James E., Schenectady, N. Y., assignor to General Electric Company. Metal radio tube. 2,203,516; June 4.
Beggs, James E., Schenectady, N. Y., assignor to General Electric Company. Radio receiver. 2,203,517; June 4.
Beggs, Joseph S. (See Leavitt, R. P., and Beggs.)
Beggs, Joseph S., assignor to Eastman Kodak Company, Rochester, N. Y. Tripod leg clamp. 2,211,314; Aug. 13.
Begin, Peter H., Cleveland, Ohio. Dumping vehicle. 2,219,585; Oct. 29.
Beglinger, Edward. (See Sherrard, Beglinger, Hohf, and Bateman.)
Begun, Semi J., Bronx, N. Y., assignor to Magnetone Inc., Cleveland, Ohio. Magnetic sound recording and reproducing. 2,224,854; Dec. 17.
Behan, Thomas W., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Wringer. 2,227,119; Dec. 31.
Beharrell, George E., Streetly, J. Wright, Stoke Park, and H. Trevaskis, Sutton Coldfield, assignors to Dunlop Rubber Company Limited, London, England. Fluid-pressure brake control apparatus. 2,200,829; May 14.
Beharrell, George E., Streetly, J. Wright, Stoke Park, and H. Trevaskis, Sutton Coldfield, assignors to Dunlop Rubber Company Limited, London, England. Control valve for hydraulic systems and apparatus. 2,200,830; May 14.
Beharrell, George E., Streetly, J. Wright, Stoke Park, Coventry, and H. Trevaskis, Sutton Coldfield, assignors to Dunlop Rubber Company Limited, London, England. Control valve for fluid motors. 2,219,466; Oct. 29.
Behee, Joseph H., assignor of one-half to R. Johnson, Independence, Mo. Preparing stone for treatment by sandblasting. 2,199,980; May 7.
Behling, Arthur J., assignor to Automotive Oil Power, Inc., Chicago, Ill. Device to gasify fuel oil. 2,206,824; July 2.
Behm, Erich. (See Klenk, W., and Behm.)
Behm, William. (See Jaenichen, L., and Behm.)
Behn, Herbert H., Chicago, Ill. Loose leaf binder. 2,206,317; July 2.
Behnke, Guy E. (See Giesey, R. H., and Behnke.)
Behr, Allen, New York, N. Y. Tennis court marking. 2,196,601; Apr. 9.
Behr, Erwin. (See Fischer, Albert, assignor.)
Behr, Gustave E., assignor to National Lead Company, New York, N. Y. Purifying lead, tin, and alloys thereof. 2,196,050; Apr. 2.
Behr, Henry D., Laurelton, Long Island, N. Y., Timer. 2,201,941; May 21.
Behr-Manning Corporation. (See Boucher, Malcolm M., assignor.)
Behr-Manning Corporation. (See Burns, Walker, assignor.)
Behr-Manning Corporation. (See Crupi, Frank J., assignor.)
Behr-Manning Corporation. (See Elbel, E., and Seebach, assignors.)
Behr-Manning Corporation. (See Gallagher, Francis E., assignor.)
Behr-Manning Corporation. (See Meston, A. F., and Wintermute, assignors.)
Behr-Manning Corporation. (See Oglesby, Nicholas E., assignor.)
Behr-Manning Corporation. (See Ross, Colin A., assignor.)
Behr-Manning Corporation. (See Wintermute, Harry A., assignor.)
Behr, Siegfried, Flushing, assignor to Ben Hur Products, Inc., New York, N. Y. Combined comb, brush, and curler. 2,207,427; July 9.
Behrens, Alfred. (See Eickemeyer, A., and Behrens.)
Behrens, Herbert C., assignor to Duplex Printing Press Company, Battle Creek, Mich. Full automatic plate-finishing machine. 2,187,444; Jan. 16.
Behrens, Herbert C., assignor to Duplex Printing Press Company, Battle Creek, Mich. Printing press fountain. 2,190,929; Feb. 20.
Behrens, Walter S., Buffalo, N. Y. Sterilizer for dental hand pieces. 2,186,600; Jan. 9.
Behrens, William O., Harvey, Ill. Oil burner. 2,202,822; June 4.
Behrens, William O., Harvey, Ill. Oil burner. 2,202,981; June 4.
Behrens, William O., Harvey, Ill. Blower. 2,227,373; Dec. 31.
Behring, William E., Glendale, Calif. Tooth brush. 2,188,217; Jan. 23.
Behringer, George A., Brooklyn, N. Y. Gas main stopper. 2,198,854; Apr. 30.
Behringer, Grover F., assignor to The American Steel Package Company, Defiance, Ohio. Selective rotary control means. 2,192,393; Mar. 5.
Behrman, Abraham S., assignor to International Filter Co., Chicago, Ill. Base exchange material. 2,210,650; Aug. 6.
Beiderbecke, Charles H., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,199,535; May 7.
Beiderbecke, Charles H., Lyons, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,200,767; May 14.
Beiderman, Edward G., Detroit, Mich., assignor to The Clark Controller Company, Cleveland, Ohio. Time controlled electric switch. 2,196,488; Apr. 9.
Beier, Josef, Mannheim-Feudenheim, Germany. Friction wheel gear. 2,222,281; Nov. 19.
Beier, Paul H. (See Merrick, A. W., and Beier.)
Beierlein, Karl, Dusseldorf, assignor to Losenhausenwerk Düsseldorfer Maschinenbau A. G., Dusseldorf-Grafenberg, Germany. Tamping machine. 2,223,024; Nov. 26.
Beike, Hans, Glendale, assignor to Eugene, Ltd., New York, N. Y. Permanent waving. 2,193,086; Mar. 12.
Beilenson, Bernard, Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. Benzothiazinomerocyanine dyes. 2,213,730; Sept. 3.
Beilenson, Bernard, Harrow Weald, England, assignor to Eastman Kodak Company, Rochester, N. Y. Thiazinocyanine dyes. 2,226,153; Dec. 24.
Bein, Isaac, Richmond Hill, N. Y. Taximeter-flag control. 2,195,807; Apr. 2.
Beisel, Rex B., and P. S. Baker, West Hartford, assignors to United Aircraft Corporation, East Hartford, Conn. Airplane control. 2,201,710; May 21.
Beissner, Henry E., San Antonio, Tex. Educational device. 2,192,784; Mar. 5.
Beiswenger, Gustav A. (See Starr, J. V., and Beiswenger.)
Beitel, Robert J., Jr., assignor to American Optical Company, Southbridge, Mass. Chromatic test target. 2,190,008; Feb. 13.
Beiter, George, Long Island City, N. Y. Staff tip. 2,209,504; July 30.
Beizer, Harold H., assignor of one-half to S. H. Berg, Philadelphia, Pa. System of advertising. 2,206,998; July 9.
Beizer, Harold H., Camden, and W. E. Newman, Moorestown, N. J., assignors to Radio Corporation of America. Motor driven tuning system. 2,204,065; June 11.
Beizer, Harold H., Pensauken, and R. H. Siemens, Merchantville, N. J., assignors to Radio Corporation of America. Radio receiver. 2,222,761; Nov. 26.
Belaieff, James F., and C. T. Delaney, Cricklewood, London, England. Cooler for oil and other liquids. 2,222,496; Nov. 19.

Belcher, Daniel, assignor to Bemis Bro. Bag Co., Minneapolis, Minn. Carrying handle for containers. 2,196,184; Apr. 9.
Belcher, Daniel, assignor to Bemis Bro. Bag Co., Minneapolis, Minn. Carrying handle for containers. 2,196,185; Apr. 9.
Belcher, Daniel, B. R. Stetson, and H. V. Kindseth, assignors to Bemis Bro. Bag Co., Minneapolis, Minn. Mechanism for feeding blanks. 2,220,073; Nov. 5.
Belcher, Harold H., assignor to Philadelphia Drying Machinery Company, Philadelphia, Pa. Apron conveyer. 2,215,418; Sept. 17.
Belcher, Walter A., Jr., East Providence, R. I. End connector. 2,214,448; Sept. 10.
Belden, Don A., Akron, Ohio. Pouring vessel. 2,197,141; Apr. 16.
Belden Manufacturing Company. (See Andre, Gustaf E., assignor.)
Belden Manufacturing Company. (See Cihlar, Clarence J., assignor.)
Belden Manufacturing Company. (See Crossley, Alfred, assignor.)
Belden Manufacturing Company. (See Scholl, Chester C., assignor.)
Belden Manufacturing Company. (See Wermine, Hugo H., assignor.)
Beldimano, Alessandro, Rome, Italy. Wind power plant. 2,218,867; Oct. 22.
Belding, Harold L., Northampton, assignor to Henrici Laundry Machinery Company, Boston, Mass. Washer. 2,204,563; June 18.
Belding, Harold L., Dorchester, assignor to Henrici Laundry Machinery Company, Boston, Mass. Laundry washer. 2,205,130; June 18.
Belding, Harvey R., Sharpsville, Pa. Ingot cap. 2,190,392; Feb. 13.
Belding, Harvey R., Sharpsville, Pa. Producing capped steel. 2,190,393; Feb. 13.
Bělenkij, Jiff, Olomouc, Czechoslovakia. Pressure device for hydraulic brakes. 2,205,806; June 25.
Beletic, John, Cleveland, Ohio. Tongs. 2,199,300; Apr. 30.
Belfield, H., Company. (See Goehring, Francis R., assignor.)
Belfit, Robert W., Watertown, Conn., assignor, by mesne assignments, to Plaskon Company Incorporated, Toledo, Ohio. Urea-formaldehyde molding composition and forming. 2,191,949; Feb. 27.
Beline, Martin B., New York, N. Y. Order dial. 2,222,166; Nov. 19.
Beline, Walter E., assignor to York Ice Machinery Corporation, York, Pa. Compressor-condenser unit for refrigerating machines. 2,190,249; Feb. 13.
Beline, Walter E., assignor to York Ice Machinery Corporation, York, Pa. Refrigeration. 2,223,882; Dec. 3.
Belk, William N., et al. (See Bazarek, Waldo J., assignor.)
Belknap, Hobart D., Portland, Oreg. Thumb guard. 2,225,896; Dec. 24.
Belknap, Samuel L., Los Angeles, Calif. Automatic safety plunger. 2,209,067; July 23.
Bell, Abram P., Los Angeles, Calif. Yarn winder. 2,185,327; Jan. 2.
Bell, Adam C., G. D. Miles, and K. L. Russell, New York, N. Y., assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Preparation of organic sulphonates. 2,187,144; Jan. 16.
Bell Aircraft Corporation. (See Bowers, Herbert L., assignor.)
Bell Aircraft Corporation. (See Bowers H. L., and Wolf, assignors.)
Bell Aircraft Corporation. (See Eckler, Harlan E., assignor.)
Bell Aircraft Corporation. (See Patterson, A. M. J., and Riley, assignors.)
Bell Aircraft Corporation. (See Schwartz, Arthur A., assignor.)
Bell Aircraft Corporation. (See Wolf, R. A., and Bowers, assignors.)
Bell, Albert, North Hollywood, assignor to Twentieth Century-Fox Film Corporation, Beverly Hills, Calif. Lift truck. 2,204,880; June 18.
Bell, Albert L., Columbus, Ohio. Wheel-balancing machine. 2,214,758; Sept. 17.
Bell, Alfred B., assignor to Heywood-Wakefield Company, Gardner, Mass. Wall cabinet table. 2,199,981; May 7.
Bell, Alfred B., assignor to Heywood-Wakefield Company, Gardner, Mass. Armrest support. 2,204,205; June 11.
Bell, Angus S., and J. R. Wylde, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile material. 2,218,633; Oct. 22.
Bell, Anna M. (See Bell, James, and A. M.)
Bell, Arthur, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Web severing mechanism. 2,191,512; Feb. 27.
Bell, Arthur R., Philadelphia, assignor of twenty-five per-cent to W. J. Horn and twenty-five per-cent to F. S. Horn, Philadelphia, and twenty-five per-cent to A. J. Miller, Bala Cynwyd, Pa. Surgical hosiery. 2,218,413; Oct. 15.
Bell, C. S., Co. (See Shirley, Loyd E., assignor.)
Bell, Charles C., Marblehead, Mass. Nursing bottle support. 2,201,257; May 21.
Bell, Charles H., Westfield, N. J., assignor to Nassau Smelting and Refining Company, Incorporated, New York, N. Y. Material treating apparatus. 2,189,414; Feb. 6.
Bell, Charles H., Westfield, N. J., assignor to Nassau Smelting and Refining Company, Incorporated, New York, N. Y. Material treating apparatus. 2,189,415; Feb. 6.
Bell, Charles W., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,213,377; Sept. 3.
Bell, David A., Chelmsford, England, assignor to Radio Corporation of America. Oscillator circuit. 2,225,897; Dec. 24.
Bell, Edwin J., assignor to The Bell Machine Company, Oshkosh, Wis. Unloading, counting, and stacking mechanism. 2,191,436; Feb. 27.
Bell, Elva L. (See Bell, Harold E. and E. L.)
Bell, Harold E. and E. L., Spokane, Wash. Window stripping. 2,195,528; Apr. 2.
Bell & Howell Company, The. (See Phillimore, Charles E., assignor.)
Bell & Howell Company, The. (See Stechbart, Bruno, assignor.)
Bell, Hubert S., Corpus Christi, assignor of one-half to W. J. Clay, Houston, Tex. Brake for hoisting reels. 2,205,643; June 25.
Bell, Ivan C., Dallas, Tex. Drill bit. 2,201,219; May 21.
Bell, James and A. M., Edmonton, Alberta, Canada. Bookholder. 2,203,126; June 4.
Bell, James C. (See Bispham, W. N., and Bell.)
Bell, John W., Montreal, Quebec, Canada. Apparatus for crushing or grinding ore. 2,189,441; Feb. 6.
Bell, John W., St. Catharines, Ontario, Canada. Paper drying system and apparatus therefor. 2,192,168; Mar. 5.
Bell, John W., assignor, by mesne assignments, to E. H. Sieling, Chicago, Ill. Dispensing and measuring machine. 2,199,065; Apr. 30.
Bell Machine Company, The. (See Bell, Edwin J., assignor.)
Bell Machine Company, The. (See Bell, Morris A., assignor.)
Bell, Morris A., assignor to The Bell Machine Company, Oshkosh, Wis. Clamping device. 2,209,379; July 30.
Bell Punch Company. (See Ruedels, George D., assignor.)
Bell Punch Company Limited. (See Peckham, Leslie N., assignor.)
Bell, Ralph L., Raspeburg, assignor to The Glenn L. Martin Company, Baltimore, Md. Bomb dropping device. 2,209,380; July 30.
Bell, Robert A. (See Clark, W. J., Bosanquet, Bell, and Matthews.)
Bell Telephone Laboratories, Incorporated. (See Allen, Lawrence H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Anderson, Frithiof B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Andres, Robert R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Augustadt, Herbert W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bachelet, Albert E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bardsley, Joseph R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Barney H. L., Bjornson, and Curtis, assignors.)
Bell Telephone Laboratories, Incorporated. (See Barry, J. F., and Och, assignors.)
Bell Telephone Laboratories, Incorporated. (See Barry, D. P., and Seltzer, assignors.)
Bell Telephone Laboratories, Incorporated. (See Barry, Joseph F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bascom, Henry M., assignor.)
Bell Telephone Laboratories, Incorporated. (See Beaumont, William M., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bennett, Arthur F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bennett, William, assignor.)
Bell Telephone Laboratories, Incorporated. (See Bennett, William R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Berger, Frederick C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Berger, Uriah S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Berger, U. S., and Curtis, assignor.)
Bell Telephone Laboratories, Incorporated. (See Berger, U. S., and Melhose, assignors.)
Bell Telephone Laboratories, Incorporated. (See Black, Harold S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Black, Robert, Jr., assignor.)
Bell Telephone Laboratories, Incorporated. (See Blattner, David G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Blattner, D. G., and Vieth, assignors.)
Bell Telephone Laboratories, Incorporated. (See Blount, Frank E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bollman, John H., assignor.)

Bell Telephone Laboratories, Incorporated. (See Bond, Walter L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bonorden, Allen R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Botsford, Nelson, assignor.)
Bell Telephone Laboratories, Incorporated. (See Bowen, Arnold E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bower, J. H., and Wright, assignors.)
Bell Telephone Laboratories, Incorporated. (See Bown, Ralph, assignor.)
Bell Telephone Laboratories, Incorporated. (See Branson, D. E., and Watson, assignors.)
Bell Telephone Laboratories, Incorporated. (See Brewer, Sherman T., assignor.)
Bell Telephone Laboratories, Incorporated. (See Brown, J. T. L., and Holman, assignors.)
Bell Telephone Laboratories, Incorporated. (See Bruce, Edmond, assignor.)
Bell Telephone Laboratories, Incorporated. (See Buch, P. E., and Knowlton, assignors.)
Bell Telephone Laboratories, Incorporated. (See Buhrendorf, Frederick G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Burton, Everett T., assignor.)
Bell Telephone Laboratories, Incorporated. (See Burton, E. T., and Curtis, assignors.)
Bell Telephone Laboratories, Incorporated. (See Busch, Aloysius J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Busch, A. J., and Erwin, assignors.)
Bell Telephone Laboratories, Incorporated. (See Busch, A. J., and Matthies, assignors.)
Bell Telephone Laboratories, Incorporated. (See Carpenter, W. W., and Kittredge, assignors.)
Bell Telephone Laboratories, Incorporated. (See Carpenter, W. W., and Matthies, assignors.)
Bell Telephone Laboratories, Incorporated. (See Carr, James A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Caruthers, Robert S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Caverly, Harry C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Chaffee, Joseph G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Christensen, Carl J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Ciccolella, David F., assignor.)
Bell Telphone Laboratories, Incorporated. (See Clark, J. E., Ekstrand, and Ronci, assignors.)
Bell Telephone Laboratories, Incorporated. (See Clarke, Walter J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Cole, Ira E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Cole, I. E., and Melhose, assignors.)
Bell Telephone Laboratories, Incorporated. (See Collis, Raymond E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Collis, R. E., Hersey, and Newsom, assignors.)
Bell Telephone Laboratories, Incorporated. (See Cory, Samuel I., assignor.)
Bell Telephone Laboratories, Incorporated. (See Coyne, Howard L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Cramer, W. W., and Kinkead, assignors.)
Bell Telephone Laboratories, Incorporated. (See Cummings, George C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Curran, S. T., and Kuhn, assignors.)
Bell Telephone Laboratories, Incorporated. (See Curtis, Austen M., assignor.)
Bell Telephone Laboratories, Incorporated. (See Curtis Harold E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Davidson, John, Jr., assignor.)
Bell Telephone Laboratories, Incorporated. (See Davis, Kingsbury H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Davisson, Clinton J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Dawson, Wilfred L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Dehn, Joseph W., assignor.)
Bell Telephone Laboratories, Incorporated. (See De Lange, Owen E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Dickieson, Alton C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Diggory, B. A., and Teal, assignors.)
Bell Telephone Laboratories, Incorporated. (See Dimond, Thomas L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Dixon, J. B., and Gordon, assignors.)
Bell Telephone Laboratories, Incorporated. (See Doba, Stephen, Jr., assignor.)
Bell Telephone Laboratories, Incorporated. (See Doherty, William H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Dowey, Thomas L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Dudley Homer W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Duguid, J. M., Ross, and Van Duyne, assignors.)
Bell Telephone Laboratories, Incorporated. (See Edson, James O., assignor.)
Bell Telephone Laboratories, Incorporated. (See Edson, J. O., and Wilson, assignors.)
Bell Telephone Laboratories, Incorporated. (See Edwards, W. H., Porter, and Terry, assignors.)
Bell Telephone Laboratories, Incorporated. (See Eliason, Oscar C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Ellwood, Walter B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Ellwood, W. B., and Holden, assignors.)
Bell Telephone Laboratories, Incorporated. (See Ferrell, Enoch B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Field, Joseph C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Fox, Arthur L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Fullerton, William O., assignor.)
Bell Telephone Laboratories, Incorporated. (See Gannett, Danforth K., assignor.)
Bell Telephone Laboratories, Incorporated. (See Gardner, Leland A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Gent, Edgar W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Gilbert, John J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Gilman, George W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Gleason, Daniel H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Glunt, Omer M., assignor.)
Bell Telephone Laboratories, Incorporated. (See Gray, Frank, assignor.)
Bell Telephone Laboratories, Incorporated. (See Green, E. I., and Monk, assignors.)
Bell Telephone Laboratories, Incorporated. (See Hale, S. G., and Owens, assignors.)
Bell Telephone Laboratories, Incorporated. (See Halligan, Clair W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hamburger, Frey.)
Bell Telephone Laboratories, Incorporated. (See Hanscom, Clarence D., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hartley, Ralph V. L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hawks, Verl J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hawley, Melville S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hefele, John R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hefele, J. R., and Teal, assignors.)
Bell Telephone Laboratories, Incorporated. (See Heising, Raymond A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Henning, Harley A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Herrington, Harold W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hersey, Ralph E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hickman, Clarence N., assignor.)
Bell Telephone Laboratories, Incorporated. (See Higgins, W. H. C., and Newhouse, assignors.)
Bell Telephone Laboratories, Incorporated. (See Hill, Walter J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Holden, William H. T., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hovland, Henry, assignor.)
Bell Telephone Laboratories, Incorporated. (See Hoyt, Frederick A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hubbard, Francis A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hulin, Lynford S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hussey, Luther W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Huxham, Trevor S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Ingram, Sydney B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Ives, Herbert E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Janssen, William F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Johnston, D. F., and Shiel, assignors.)
Bell Telephone Laboratories, Incorporated. (See Kannenberg, Walter F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Kater, Joseph A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Kelsall, G. A., and Nesbitt, assignors.)
Bell Telephone Laboratories, Incorporated. (See Kern, Emerson W., assignor.)
Bell Telephone Laboratories, Incorporated. (See King, Archie P., assignor.)

Bell Telephone Laboratories, Incorporated. (See King, G. V., and Swenson, assignors.)
Bell Telephone Laboratories, Incorporated. (See King, R. E., and Miller, assignors.)
Bell Telephone Laboratories, Incorporated. (See Kingsbury, E. F., and Reeve, assignors.)
Bell Telephone Laboratories, Incorporated. (See Kinkead, Fullerton S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Kinsley, Thomas G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Kircher, Reymond J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Kirkpatrick, William E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Knoop, William A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Knowlton, Clarence S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Koenig, Walter, Jr., assignor.)
Bell Tellephone Laboratories Incorporated. (See Kohman, Girard T., assignor.)
Bell Telephone Laboratories, Incorporated. (See Krantz, Hubert K., assignor.)
Bell Telephone Laboratories, Incorporated. (See Krecek, Joseph A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Krist, Henry K., assignor.)
Bell Telephone Laboratories, Incorporated. (See Kuntz, Frank A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Lack, F. R., Willard, and Fair, assignors.)
Bell Telephone Laboratories, Incorporated. (See Laico, Joseph P., assignor.)
Bell Telephone Laboratories, Incorporated. (See Lally, William J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Lane, R. F., and Newhouse, assignors.)
Bell Telephone Laboratories, Incorporated. (See Lang, Wilmarth Y., assignor.)
Bell Telephone Laboratories, Incorporated. (See Large, Wayne V. K., assignor.)
Bell Telephone Laboratories, Incorporated. (See Lewis, Benjamin F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Llewellyn, Frederick B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Locke, George A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Lundstrom, Alexis A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Lundstrom, A. A., and Norton, assignor.)
Bell Telephone Laboratories, Incorporated. (See Markuson, Oscar S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Marrison, Warren A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Martin, William H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Mason, Warren P., assignor.)
Bell Telephone Laboratories, Incorporated. (See Mathes, R. C., Peterson, and Dudley, assignors.)
Bell Telephone Laboratories, Incorporated. (See McCann, Thomas A., assignor.)
Bell Telephone Laboratories, Incorporated. (See McCormick, Charles G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Meacham, Larned A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Melick, John M., assignor.)
Bell Telephone Laboratories, Incorporated. (See Mertz, Pierre, assignor.)
Bell Telephone Laboratories, Incorporated. (See Mesch, Orwar S. A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Milarta, Louis E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Miller, Daniel D., assignor.)
Bell Telephone Laboratories, Incorporated. (See Miller, R. A., and Rubly, assignors.)
Bell Telephone Laboratories, Incorporated. (See Mitchell, Doren, assignor.)
Bell Telephone Laboratories, Incorporated. (See Monk, Newton, assignor.)
Bell Telephone Laboratories, Incorporated. (See Morgan, Stanley O., assignor.)
Bell Telephone Laboratories, Incorporated. (See Morrison, L. A., and Mott, assignors.)
Bell Telephone Laboratories, Incorporated. (See Morton, Edmund R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Mueller, Louis C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Newhouse, Russell C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Norman, Nathaniel C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Norton, Frank R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Nyquist, Harry, assignor.)
Bell Telephone Laboratories, Incorporated. (See Och, Henry G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Oswald, Arthur A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Perkins, Edwin H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Peterson, Eugene, assignor.)
Bell Telephone Laboratories, Incorporated. (See Peterson, Glen, assignor.)
Bell Telephone Laboratories, Incorporated. (See Peterson, Liss C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Phipps, G. S., and Schumacher, assignors.)
Bell Telephone Laboratories, Incorporated. (See Pierce, John R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Pierce, J. R., and Teal, assignors.)
Bell Telephone Laboratories, Incorporated. (See Polkinghorn, Frank A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Powell, Albert C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Prescott, Charles H., Jr., assignor.)
Bell Telephone Laboratories, Incorporated. (See Price, Arnold F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Quarles, Donald A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Ramsey, Raymond B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Raymond, Ralph, assignor.)
Bell Telephone Laboratories, Incorporated. (See Rea, Wilton T., assignor.)
Bell Telephone Laboratories, Incorporated. (See Reeve, Howard T., assignor.)
Bell Telephone Laboratories, Incorporated. (See Reichle, Winfried E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Reier, George C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Reise, H. A., and Skene, assignors.)
Bell Telephone Laboratories, Incorporated. (See Retallack, John B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Rhodes, William A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Riesz, Robert R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Ring, Douglas H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Roberts, Leland C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Robertson, Donald D., assignor.)
Bell Telephone Laboratories, Incorporated. (See Rockwood, George H., Jr., assignor.)
Bell Telephone Laboratories, Incorporated. (See Rodgers, Karl F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Rumpel, Carl H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Samuel, Arthur L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Schelkunoff, Sergei A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Schott, Lionel, assignor.)
Bell Telephone Laboratories, Incorporated. (See Schuh, Arthur E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Shaw, Robert C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Shockley, William, assignor.)
Bell Telephone Laboratories, Incorporated. (See Simons, Burton H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Singer, Fred J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Skellett, Albert M., assignor.
Bell Telephone Laboratories, Incorporated. (See Smethurst, Joseph O., assignor.)
Bell Telephone Laboratories, Incorporated. (See Smith, Percy C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Smith, Phillip H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Smith, P. H., and Specht, assignors.)
Bell Telephone Laboratories, Incorporated. (See Spencer, Harry H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Stevens, Ralph R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Stockfleth, Sigurd J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Stoller, Hugh M., assignor.)
Bell Telephone Laboratories, Incorporated. (See Sutliff, Carleton B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Swart, Leland K., assignor.)
Bell Telephone Laboratories, Incorporated. (See Sykes, Roger A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Taylor, Charles C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Teal, Gordon K., assignor.)
Bell Telephone Laboratories, Incorporated. (See Thompson, Albert C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Thompson, William J., assignor.)

Bell Telephone Laboratories, Incorporated. (See Thorp, Vaughn P., assignor.)
Bell Telephone Laboratories, Incorporated. (See Toomey, John F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Tradup, Albert, assignor.)
Bell Telephone Laboratories, Incorporated. (See Ulrich, Horace W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Vroom, Edward, assignor.)
Bell Telephone Laboratories, Incorporated. (See Wagar, Harold N., assignor.)
Bell Telephone Laboratories, Incorporated. (See Walker, Albert C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Wehe, Herman G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Weinhart, Howard W., assignor.)
Bell Telephone Laboratories, Incorporated. (See West, Julian M., assignor.)
Bell Telephone Laboratories, Incorporated. (See White, Addison H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Whittle, Horace, assignor.)
Bell Telephone Laboratories, Incorporated. (See Wier, Anthony J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Willard, Gerald W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Williams, Samuel B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Wilson, Ira G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Wintringham, William T., assignor.)
Bell Telephone Laboratories, Incorporated. (See Wise, Raymond O., assignor.)
Bell Telephone Laboratories, Incorporated. (See Wright, Sumner B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Ziegler, Arthur W., assignor.)
Bell, Thomas E., Philadelphia, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bleaching of cotton. 2,202,478; May 28.
Bell, William C., London, England, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,202,982; June 4.
Bell, William D., Columbus, assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Apparatus for sealing containers. 2,198,589; Apr. 30.
Bell, William D., assignor to F. O. Schoedinger, Columbus, Ohio. Bed table. 2,212,488; Aug. 20.
Bell, William D., assignor to F. O. Schoedinger, Columbus, Ohio. Operating table. 2,217,783; Oct. 15.
Bellack, Richard F., Neenah, assignor to Fox River Paper Corporation, Appleton, Wis. Duplicating device. 2,215,995; Sept. 24.
Bellah, William H., Los Angeles, Calif., assignor, by mesne, assignments, to Chicago Patent Corporation, Chicago, Ill. Game apparatus. 2,197,491; Apr. 16.
Bellah, William H., Los Angeles, Calif. Dispensing container. 2,212,582; Aug. 27.
Bellamy, John I. (See Robinson, H. C., Bellamy, and Nelson.)
Bellamy, John I. (See Sloan, W. E., and Bellamy.)
Bellamy, John I., Brookfield, M. L. Nelson, Park Ridge, and H. F. Obergfell, River Forest, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Stock quotation system. 2,192,217; Mar. 5.
Bellanca, Giuseppe M. and J., New Castle, Del. Control means for airplanes. 2,222,997; Nov. 26.
Bellanca, John. (See Bellanca, Giuseppe M. and J.)
Belleisle, Courtlandt I., Bellingham, Wash. Fiberboard cutout easel. 2,204,881; June 18.
Beller, Hans, New York, N. Y., and J. J. Owen, Baton Rouge, La., assignors to Jasco, Incorporated. Oxidizing paraffinic hydrocarbons. 2,216,222; Oct. 1.
Bellingham Iron Works, Inc. (See Velie, Odell, assignor.)
Bellman, Henry. (See Radtke, C., and Bellman.)
Bellmann, Albert. (See Linse, Fritz, and Bellmann.)
Belloc, Maurice, Paris, assignor to Societe Nobel Francaise, Paris, Seine, France. Solvents for the condensation products of polyvinyl alcohols and aldehydes. 2,194,994; Mar. 26.
Belloc, Maurice, assignor to Societe Nobel Francaise, Paris, France. Printing composition. 2,196,435; Apr. 9.
Beloit Iron Works. (See Berry, Earl E., assignor.)
Bellow, Edward A., St. Leonards-on-Sea, England. Smoker's ash tray and other articles adapted to rest on chair arms or other supports. 2,219,974; Oct. 29.
Bellstofffabric Waldhof. (See Kahle, Friedrich-Wilhelm, assignor.)
Belmag Zurich, Beleuchtungs-Und Metallindustrie A.-G. (See Eigenheer, Jakob, assignor.)
Belmar Manufacturing Company, The. (See Marble, Louis M., assignor.)
Belmont Laundry, Inc. (See Vincent, Frederick A., assignor.)
Belmont Radio Corporation. (See Dunn, William L., assignor.)
Belmont Radio Corporation. (See Plensler, Alexander W., assignor.)
Beloit Iron Works. (See Berry, Earl E., assignor.)
Beloit Iron Works. (See Hornbostel, Lloyd, assignor.)
Below, Fritz. (See Möller, R., and Below.)
Belshaw, Charles F., Greenville, Mich. Refrigerator. 2,189,390; Feb. 6.
Belsky, Benjamin, also known as Baney Belsky, New York, N. Y. Drip pan for dough cutting machines. 2,209,807; July 30.
Belyea, Arthur R. (See Lunn, C. A., and Belyea.)
Belz, Arno, Falkensee, Kreis Ost-Havelland, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric energy collecting contact. 2,196,409; Apr. 9.
Belzer, Thomas R., Los Angeles, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Protective coating for fruits. 2,186,691; Jan. 9.
Beman, Ransom H., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigeration. 2,206,999; July 9.
Bemis, Bently A., assignor to The Cream of Wheat Corporation, Minneapolis, Minn. Packaging machine. 2,194,633; Mar. 26.
Bemis Bro. Bag Co. (See Belcher, Daniel, assignor.)
Bemis Bro. Bag Co. (See Belcher, D., Stetson, and Kindseth, assignors.)
Bemis Bro. Bag Co. (See Geimer, William J., assignor.)
Bemis, Kenneth E., Oakland, Calif. Deep-fat frying machine. 2,196,968; Apr. 16.
Bemis, Kenneth E., Oakland, Calif. Cooking meats. 2,199,584; May 7.
Bemis, Kenneth E., Oakland, Calif. Combined cooking, baking, and serving unit. 2,210,521; Aug. 6.
Bemis, Melvin H., E. R. Greer, and A. E. Morrison, assignors to Rotary Snow Plow Company, Minneapolis, Minn. Rotor for snow plows. 2,190,325; Feb. 13.
Bemmann, Rudolf. (See Buetefisch, H., Winkler, Kaufmann, and Bemmann.)
Benade, Walther, Dessau in Anhalt, Germany, assignor to General Aniline & Film Corporation. Disazo dyes. 2,195,443; Apr. 2.
Benander, George B., Yalesville, assignor to Monowatt Electric Corporation, Bridgeport, Conn. Wiring device. 2,196,051; Apr. 2.
Benander, George B., Oaklawn, R. I., assignor to The Monowatt Electric Corporation. Plug cap. 2,196,052; Apr. 2.
Benander, George B., Yalesville, assignor to Monowatt Electric Corporation, Bridgeport, Conn. Making attachment caps. 2,206,714; July 2.
Benander, George B., Oaklawn, assignor to Monowatt Electric Company, Providence, R. I. Attachment plug cap. 2,211,591; Aug. 13.
Benander, George B., Oaklawn, R. I., assignor to The Monowatt Electric Corporation. Faceplate. 2,212,145; Aug. 20.
Benander, George B., Oaklawn, assignor to Monowatt Electric Corporation, Providence, R. I. Electrical receptacle. 2,215,316; Sept. 17.
Benander, George B., Oaklawn, R. I., assignor to Monowatt Electric Corporation, Bridgeport, Conn. Combined adapter and reflector for lamps. 2,221,505; Nov. 12.
Benander, George B., Oaklawn, R. I., assignor to Monowatt Electric Corporation. Plug receptacle. 2,222,701; Nov. 26.
Bencivenga-Barbaro, Isidoro, Rome, Italy. Lever propulsion device for bicycles, etc. 2,218,079; Oct. 15.
Benda, Albert, Bussum, Netherlands, assignor to Edge Company Limited, London, England. Cardboard and cardboard web and making same. 2,216,803; Oct. 8.
Bendel, Hermann, Berlin, assignor to Siemens & Halske, Aktiengesellschaft, Siemenstadt, near Berlin, Germany. Amplifier linearized by negative feedback. 2,203,484; June 4.
Bendeler, William and C. Howard, Oklahoma City, Okla. Well perforator. 2,223,439; Dec. 3.
Bender, Arthur Z. (See Muller, C. D., and Bender.)
Bender Body Company, The. (See Carlson, Alexander, assignor.)
Bender, Charles P., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Fluid discharge device. 2,204,524; June 11.
Bender, Hans P., New York, N. Y. Lady's handbag and the like. 2,201,757; May 21.
Bender, Harry, Antioch, Calif., assignor, by mesne assignments, to The Dow Chemical Company, Midland, Mich. Chlorination. 2,200,254; May 14.
Bender, Harry, Antioch, Calif., assignor, by mesne assignments, to The Dow Chemical Company, Midland, Mich. Chlorination. 2,200,255; May 14.
Bender, Jacob A., North Bergen, N. J. Dispensing device. 2,196,379; Apr. 9.
Bender, Max, Los Angeles, Calif., assignor to United Acoustigraph Corporation. Sound recorder and reproducer. 2,193,443; Mar. 12.
Bender, Norman, Philadelphia, Pa. Automatic vehicle signal. 2,189,528; Feb. 6.
Bendersky, Sadie, South Orange, N. J. Dress shield. 2,186,002; Jan. 9.
Ben Hur Products, Inc. (See Behr, Siegfried, assignor.)
Bendix Aviation Corporation. (See Baldwin, Everett E., assignor.)
Bendix Aviation Corporation. (See Bechberger, Paul F., assignor.)
Bendix Aviation Corporation. (See Berges, Donald M., assignor.)

Bendix Aviation Corporation. (See Bjong, Leo V., assignor.)
Bendix Aviation Corporation. (See Bragg, Caleb S., assignor.)
Bendix Aviation Corporation. (See Bremser, Albert T., assignor.)
Bendix Aviation Corporation. (See Buxton, James E., assignor.)
Bendix Aviation Corporation. (See Carroll, Eugene G., assignor.)
Bendix Aviation Corporation. (See Cerstvik, Stephen, assignor.)
Bendix Aviation Corporation. (See Chandler, Milton E., assignor.)
Bendix Aviation Corporation. (See Chappell, Ralph R., assignor.)
Bendix Aviation Corporation. (See Chappell, Ralph R., and Colt, assignors.)
Bendix Aviation Corporation. (See Chappell, R. R., Colt, and McCormack, assignors.)
Bendix Aviation Corporation. (See Christian, Frank T., assignor.)
Bendix Aviation Corporation. (See De Chard, Albert W., assignor.)
Bendix Aviation Corporation. (See Douglas, Kenneth F., assignor.)
Bendix Aviation Corporation. (See Elkin, Manuel H., assignor.)
Bendix Aviation Corporation. (See Garey, John P., assignor.)
Bendix Aviation Corporation. (See Goepfrich, R. A., and Press, assignors.)
Bendix Aviation Corporation. (See Gregg, D., and Daalder, assignors.)
Bendix Aviation Corporation. (See Haas, Harold, assignor.)
Bendix Aviation Corporation. (See Hansen, Hans A., assignor.)
Bendix Aviation Corporation. (See Heintz, Ralph M., assignor.)
Bendix Aviation Corporation. (See Hunt, Scott F., assignor.)
Bendix Aviation Corporation. (See Hurley, Roy T., assignor.)
Bendix Aviation Corporation. (See Hyland, Lawrence A., assignor.)
Bendix Aviation Corporation. (See Irving, John S., assignor.)
Bendix Aviation Corporation. (See Johnson, Carl V., assignor.)
Bendix Aviation Corporation. (See Johnson, Russell S., assignor.)
Bendix Aviation Corporation. (See Jones, Burr W., assignor.)
Bendix Aviation Corporation. (See Kearney, Daniel P., assignor.)
Bendix Aviation Corporation. (See Kliesrath, Victor W., assignor.)
Bendix Aviation Corporation. (See Kurzina, Stanley B., Jr., assignor.)
Bendix Aviation Corporation. (See Kuzmitz, Frank V., assignor.)
Bendix Aviation Corporation. (See La Brie, Ludger E., assignor.)
Bendix Aviation Corporation. (See Laisne, Leon E., assignor.)
Bendix Aviation Corporation. (See Lamoreaux, Andrew B., assignor.)
Bendix Aviation Corporation. (See Lansing, Raymond P., assignor.)
Bendix Aviation Corporation. (See Lansing, R. P., and Hausamann, assignors.)
Bendix Aviation Corporation. (See MacBlane, James, assignor.)
Bendix Aviation Corporation. (See McGrath, W. L., and Hood, assignors.)
Bendix Aviation Corporation. (See McGrath, W. L., and Whitney, assignors.)
Bendix Aviation Corporation. (See MacNeil, Charles I., assignor.)
Bendix Aviation Corporation. (See Martin, Thomas B., assignor.)
Bendix Aviation Corporation. (See Menzer, Anton, assignor.)
Bendix Aviation Corporation. (See Miller, Philip M. and R. B., assignors.)
Bendix Aviation Corporation. (See Mistral, Paul H., assignor.)
Bendix Aviation Corporation. (See Nardone, Romeo M., assignor.)
Bendix Aviation Corporation. (See Neill, Robert L., assignor.)
Bendix Aviation Corporation. (See Nowosielski, Edward B., assignor.)
Bendix Aviation Corporation. (See Olson, Elmer, assignor.)
Bendix Aviation Corporation. (See Price, Harold W., assignor.)
Bendix Aviation Corporation. (See Rylsky, Gregory V., assignor.)
Bendix Aviation Corporation. (See Rylsky, G. V., and Trefny, assignors.)
Bendix Aviation Corporation. (See Sanford, Roy S., assignor.)
Bendix Aviation Corporation. (See Sayles, T. C., and Griemsmann, assignors.)
Bendix Aviation Corporation. (See Sayre, Gordon B., assignor.)
Bendix Aviation Corporation. (See Schaaf, Rudolph G., Jr., assignor.)
Bendix Aviation Corporation. (See Sekella, Youston, assignor.)
Bendix Aviation Corporation. (See Shepard, Kelvin K., assignor.)
Bendix Aviation Corporation. (See Spengler, Walter J., assignor.)
Bendix Aviation Corporation. (See Stein, Fred A., assignor.)
Bendix Aviation Corporation. (See Stelzer, William, assignor.)
Bendix Aviation Corporation. (See Stortz, John H., assignor.)
Bendix Aviation Corporation. (See Sweet, Floyd J., assignor.)
Bendix Aviation Corporation. (See Sylvander, Roy C., assignor.)
Bendix Aviation Corporation. (See Titterington, George A., Jr., assignor.)
Bendix Aviation Corporation. (See Tognola, Tullio, assignor.)
Bendix Aviation Corporation. (See Watts, William S., assignor.)
Bendix Aviation Corporation. (See Weatherly, Morgan G., assignor.)
Bendix Aviation Corporation. (See White, J. W., and Goepfrich, assignors.)
Bendix Aviation Corporation. (See Whitney, Kenneth E., assignor.)
Bendix Aviation Corporation. (See Whitney, Maurice P., assignor.)
Bendix Aviation Corporation. (See Wirth, Emil O., assignor.)
Bendix Brake Company. (See La Brie, Ludger E., assignor.)
Bendix Home Appliances, Inc. (See Bassett, Rex E., Jr., assignor.)
Bendix Home Appliances, Inc. (See Bradbury, Clifford C., assignor.)
Bendix Home Appliances. (See Chamberlin, J. W., and Bassett, assignors.)
Bendix Home Appliances, Inc. (See Clark, Kendall, assignor.)
Bendix Home Appliances, Inc. (See Dodge, Adiel Y., assignor.)
Bendix Home Appliances, Inc. (See Haberstump, Alfred H., assignor.)
Bendix Home Appliances, Inc. (See McCollum, Andrew O., assignor.)
Bendix Home Appliances, Inc. (See McCollum, A. O., and Lovett, assignors.)
Bendix Home Appliances, Inc. (See Rouch, Everett W., assignor.)
Bendix Home Appliances, Inc. (See Scott, Ray W., assignor.)
Bendix Home Appliances, Inc. (See Scott, R. W., and McCollum, assignors.
Bendix Products Corporation. (See Baade, Henry, assignor.)
Bendix Products Corporation. (See Barford, Frederik, assignor.)
Bendix Products Corporation. (See Bragg, C. S., and Breese, assignors.)
Bendix Products Corporation. (See Breese, Robert P., assignor.)
Bendix Products Corporation. (See Cunningham, Marion M., assignor.)
Bendix Products Corporation. (See Fields, William E., assignor.)
Bendix Products Corporation. (See Fowler, Owen H., assignor.)
Bendix Products Corporation. (See Frank, Frederick C., assignor.)
Bendix Products Corporation. (See Goepfrich, George A., assignor.)
Bendix Products Corporation. (See Goepfrich, Rudolph A., assignor.)
Bendix Products Corporation. (See Hodgkins, Albert A., assignor.)
Bendix Products Corporation. (See Hukill, Henry D., assignor.)
Bendix Products Corporation. (See Johnson, Carl V., assignor.)
Bendix Products Corporation. (See Kerr, Henry H., Jr., assignor.)
Bendix Products Corporation. (See Kliesrath, Victor W., assignor.)
Bendix Products Corporation. (See Kliesrath, V. W., and Sanford, assignors.)
Bendix Products Corporation. (See Koppel, Ernst R., assignor.)
Bendix Products Corporation. (See La Brie, Ludger E., assignor.)
Bendix Products Corporation. (See Leupold, Mathias, assignor.)
Bendix Products Corporation. (See Mock, Frank C., assignor.)
Bendix Products Corporation. (See Mock, F. C., and Wirth, assignors.)

Bendix Products Corporation. (See Paine, W. B., and Agueeff, assignors.)
Bendix Products Corporation. (See Price, Harold W., assignor.)
Bendix Products Corporation. (See Price, Harold W. and E. R., assignors.)
Bendix Products Corporation. (See Roberts, Glyn P., assignor.)
Bendix Products Corporation. (See Ryan, William J., assignor.)
Bendix Products Corporation. (See Schairer, George S., assignor.)
Bendix Products Corporation. (See Smalley, Lee L., assignor.)
Bendix Products Corporation. (See Van Buskirk, Robert N., assignor.)
Bendix Products Corporation. (See Waseige, Charles R., assignor.)
Bendix Products Corporation. (See Whittington, Ralph S., assignor.)
Bendix Products Corporation. (See Winkler, Albert H., assignor.)
Bendix Products Corporation. (See Wirth, Emil O., assignor.)
Bendix Radio Corporation. (See Adair, Samuel E., assignor.)
Bendix Radio Corporation. (See Bennett, Robert P., assignor.)
Bendix Radio Corporation. (See Brunner, Reed R., assignor.)
Bendix Radio Corporation. (See Drake, Robert L., assignor.)
Bendix Radio Corporation. (See Eltgroth, George V., assignor.)
Bendix Radio Corporation. (See Frazier, Radford K., assignor.)
Bendix Radio Corporation. (See Hammond, John W., assignor.)
Bendix Radio Corporation. (See Hammond, J. W., and Edwards, assignors.)
Bendix Radio Corporation. (See Hilliard, W. P., and Brunner, assignors.)
Bendix Radio Corporation. (See Jenkins, J. E., and Adair.)
Bendix Radio Corporation. See Seright, Carl G., assignor.)
Bendix Radio Corporation. (See Sturm, R. E., and Eltgroth, assignors.)
Bendix Radio Corporation. (See Vernon, George R., assignor.)
Bendix Radio Corporation. (See Walker, Howard, assignor.)
Bendix Radio Corporation. (See Wolsky, Maurier, assignor.)
Bendix Stromberg Carburetor Company. (See Joeck, Thomas D., assignor.)
Bendix-Westinghouse Automotive Air Brake Company. (See Eaton, Wilfred A., assignor.)
Bendix-Westinghouse Automotive Air Brake Company. (See Eaton, W. A., and Sanford, assignors.)
Bendix Westinghouse Automotive Air Brake Company. (See Humphrey, Homer D., assignor.)
Bendix-Westinghouse Automotive Air Brake Company. (See Ralston, James V., assignor.)
Bendix Westinghouse Automotive Air Brake Company. (See Sanford, Roy S., assignor.)
Bendix-Westinghouse Automotive Air Brake Company. (See Sanford, R. S., and Andres, assignors.)
Bendix-Westinghouse Automotive Air Brake Company. (See Vorech, Stephen, assignor.)
Bendixen, H. H., et al. (See Wight, Frank H., assignor.)
Bendorff, Kurt, assignor to the firm Typograph G. m. b. H., Berlin, Germany. Matrix setting and type-line-casting machine. 2,189,097; Feb. 6.
Bendorff, Kurt, assignor to the firm Typograph G. m. b. H., Berlin, Germany. Matrix setting and type-line-casting machine. 2,209,556; July 30.
Bendorff, Kurt, assignor to the firm Typograph G. m. b. H., Berlin, Germany. Casting mold holder for matrix setting and type-line casting machines. 2,209,557; July 30.
Bendorff, Kurt, Berlin, O. Bieber, Berlin-Lichterfelde, and K. Dahnert, Berlin-Carow, assignors to the firm Typograph G. m. b. H., Berlin, Germany. Matrix-setting and type line-casting machine. 2,189,098; Feb. 6.
Benecke, Heinrich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Loud-speaker arrangement. 2,203,715; June 11.
Benecke, Heinrich, and L. Bialk, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Loudspeaker arrangement. 2,210,477; Aug. 6.
Benedek, Elek K., Bucyrus, Ohio. Hydraulic pump or motor. 2,189,773; Feb. 13.
Benedek, Elek K., Bucyrus, Ohio. Multistage dual shaft hydraulic pump or motor. 2,208,568; July 23.
Benedek, Elek K., Bucyrus, Ohio. Fluid pressure transmission. 2,211,402; Aug. 13.
Benedek, Elek K., Bucyrus, Ohio. Fluid pressure power pump or motor. 2,213,236; Sept. 3.
Benedict, Charles H., Brooklyn, N. Y. Device for reproducing letters, figures, or other characters. 2,199,277; Apr. 30.
Benedict, Clifford L. (See Kelly, Patrick H., assignor.)
Benedict, Edward L., Carmel, assignor to Elb Products, Inc., New York, N. Y. Machine and process for plaiting. 2,196,006; Apr. 2.
Benedict, Edward L., Carmel, assignor to Elb Products, Inc., New York, N. Y. Plaited unit. 2,227,385; Dec. 31.
Benedict, Frank R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cathode ray tube. 2,208,406; July 16.
Benedict, Frederic K., Big Rapids, Mich. Portable blade grinder. 2,193,854; Mar. 19.
Benedict, Wayne L. (See Morrell, J. C., and Benedict.)
Benedict, Wayne L. (See Pennington, D. L., and Benedict.)
Benedict, Wayne L., assignor to Universal Oil Products Company, Chicago, Ill. Low temperature conversion of hydrocarbon oils. 2,223,162; Nov. 26.
Benesh, Matthew E., Cicero, Ill. Heating utensil. 2,213,378; Sept. 3.
Beniers, Emil. (See Wolff, P., and Beniers.)
Benigni, Attilio, Rome, Italy. Lock for bags. 2,194,685; Mar. 26.
Benioff, Hugo, La Canada, Calif. Stringed musical instrument. 2,222,057; Nov. 19.
Benjamin, Bert R., Oak Park, Ill., assignor to International Harvester Company. Tilling implement. 2,197,424; Apr. 16.
Benjamin, Bert R., Oak Park, Ill., assignor to International Harvester Company. Traction wheel. 2,204,650; June 18.
Benjamin, Bert R., Oak Park, Ill., assignor to International Harvester Company. Cultivator demonstrator. 2,211,877; Aug. 20.
Benjamin, Bert R., Oak Park, Ill., assignor to International Harvester Company. Soil treating element. 2,211,878; Aug. 20.
Benjamin, Bert R., Oak Park, Ill., assignor to International Harvester Company. Tractor implement. 2,217,887; Oct. 15.
Benjamin, Bert R., Oak Park, Ill., assignor to International Harvester Company. Plow bottom. 2,217,888; Oct. 15.
Benjamin, Bert R., Oak Park, Ill., assignor to International Harvester Company. Implement lifting means. 2,221,751; Nov. 19.
Benjamin, Bert R., Oak Park, Ill., assignor to International Harvester Company. Earth-working device. 2,225,204; Dec. 17.
Benjamin, Bert R., Oak Park, and C. W. Mott, La Grange, Ill., assignors to International Harvester Company. Power lift. 2,200,768; May 14.
Benjamin Electric Mfg. Company. (See Skinner, George D., assignor.)
Benjamin, Henry A., Oakland, Calif. Fireplace damper construction. 2,194,583; Mar. 26.
Benjamin, Israel J., Lisbon, N. Y. Sampling dipper. 2,189,238; Feb. 6.
Benjamin, Joel M., Philadelphia, Pa. Antiskid chain. 2,222,393; Nov. 19.
Benjamin, Sidney H., Milwaukee, Wis. Safety razor blade magazine. 2,187,370; Jan. 16.
Benjamin, Sidney H., Milwaukee, Wis. Safety razor accessory. 2,196,160; Apr. 2.
Benjamin, Sidney H., Milwaukee, Wis. Safety razor head element. 2,200,530; May 14.
Benjamin, Sidney H., Milwaukee, Wis. Blade ejector magazine. 2,226,963; Dec. 31.
Benjamin, Sidney H., Milwaukee, Wis. Blade retaining safety razor. 2,226,964; Dec. 31.
Benjamin, Walter R., Granite City, Ill. Spinning device. 2,209,745; July 30.
Bennallack, H. C. (See Morella, Frank, assignor.)
Benner, Dale A., Alton, Ill. Portable punch. 2,202,513; May 28.
Benner, Dale A., Alton, Ill. Portable punch. 2,202,514; May 28.
Benner, Dale A., Alton, Ill. Punch operating mechanism. 2,222,064; Nov. 19.
Benner, Dale A., Alton, Ill. Car replacer. 2,222,647; Nov. 26.
Benner, James J., Maple Heights, assignor to The Gebauer Chemical Company, Cleveland, Ohio. Dispensing device. 2,205,785; June 25.
Benner, Joseph C., assignor to V. P. Benner, Kansas City, Mo. Compensating carburetor. 2,205,027; June 18.
Benner, Raymond C. (See Melton, R. L., Benner, and Kirchner.)
Benner, Raymond C., and R. L. Melton, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Production of abrasive material. Re. 21,552; Sept. 10.
Benner, Raymond C., and R. L. Melton, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Apparatus for applying liquid to fabric. 2,191,827; Feb. 27.
Benner, Raymond C., and R. L. Melton, assignors to The Carborundum Company, Niagara Falls, N. Y. Manufacture of abrasive articles. 2,193,265; Mar. 12.
Benner, Raymond C., R. L. Melton, and H. P. Kirchner, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Coating apparatus. 2,194,253; Mar. 19.

Benner, Raymond C., and G. J. Easter, assignors to The Carborundum Company, Niagara Falls, N. Y. Refractory and making it. 2,203,770; June 11.
Benner, Raymond C., Niagara Falls, and A. L. Ball, Lewiston, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Abrasive article and making the same. 2,216,728; Oct. 8.
Benner, Raymond C., and G. J. Easter, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasion resistant furnace lining. 2,220,701; Nov. 5.
Benner, Raymond C., and W. G. Soley, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive wheel. 2,225,193; Dec. 17.
Benner, Raymond C., and J. C. McMullen, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Refractory article and wall. 2,226,701; Dec. 31.
Benner, Roland G. (See Henke, C. O., and Benner.)
Benner, Roland G. (See Henke, C. O., and Benner.)
Benner, Russell E., New York, assignor, by mesne assignments, to Remington Rand Inc., Buffalo, N. Y. Adjustable razor head. 2,186,091; Jan. 9.
Benner, Russell E., assignor, by mesne assignments, to Remington Rand Inc., New York, N. Y. Rotary cutter. 2,186,092; Jan. 9.
Benner, Russell E., New York, assignor, by mesne assignments to Remington Rand Inc., Buffalo, N. Y. Dry shaving instrument. 2,186,093; Jan. 9.
Benner, Russell E., New York, assignor, by mesne assignments, to Remington Rand Inc., Buffalo, N. Y. Cutter disengaging device. 2,186,094; Jan. 9.
Benner, Russell E., New York, assignor, by mesne assignments, to Remington Rand Inc., Buffalo, N. Y. Electric dry shaver. 2,223,156; Nov. 26.
Benner, Velma P. (See Benner, Joseph C., assignor.)
Bennes, Charles D., assignor to Technicolor Motion Picture Corporation, Los Angeles, Calif. Film treatment. 2,220,882; Nov. 12.
Bennett, Arthur, San Francisco, Calif. Tape gumming apparatus. 2,190,766; Feb. 20.
Bennett, Arthur, San Francisco, Calif. Transfer adhesive process and product. 2,191,704; Feb. 27.
Bennett, Arthur, San Francisco, Calif. Automatic tape-applying machine. 2,203,977; June 11.
Bennett, Arthur F., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone substation apparatus. 2,190,466; Feb. 13.
Bennett, Arthur F., West Barrington, R. I., assignor to Brown and Sharpe Manufacturing Company. Lubricating device for machine tools. 2,190,858; Feb. 20.
Bennett, Arthur F., West Barrington, and G. B. Hirsch, Providence, R. I., assignors to Brown and Sharpe Manufacturing Company. Machine tool. 2,205,462; June 25.
Bennett, Arthur F., West Barrington, and G. B. Hirsch, Providence, R. I., assignors to Brown and Sharpe Manufacturing Company. Machine tool. 2,222,702; Nov. 26.
Bennett, Averill M., Lusk, Wyo. Mechanical walking animal. 2,226,893; Dec. 31.
Bennett, Benjamin J., Leicester, England. Carbon feeding device for typewriters. 2,191,554; Feb. 27.
Bennett, Charles A., Stoneville, Miss. Dedicated to the free use of the People of the United States of America. Drying system for seed cotton. 2,189,099; Feb. 6.
Bennett, Charles E., Ridgewood, N. J. Process of and apparatus for lining pipes. 2,204,785; June 18.
Bennett, Charles E., Ridgewood, N. J. Joint for nonmetallic pipes. 2,219,289; Oct. 29.
Bennett, Charles E., Ridgewood, assignor to The Okonite Callender Cable Company, Incorporated, Paterson, N. J. Electric cable system. 2,186,444; Jan. 9.
Bennett, Charles E., Ridgewood, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electric cable system. 2,186,445; Jan. 9.
Bennett, Charles E., Ridgewood, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electric cable. 2,222,932; Nov. 26.
Bennett, Charles R., Cleveland, Ohio. Measuring top. 2,209,954; Aug. 6.
Bennett, Claude C., South Bend, Ind., assignor to A. E. Feragen, Inc., Seattle, Wash. Absorption dynamometer. 2,189,189; Feb. 6.
Bennett, Claude C., South Bend, Ind., assignor to A. E. Feragen, Inc., Seattle, Wash. Dynamometer. 2,218,463; Oct. 15.
Bennett, Dale L., Oak Park, Ill., assignor to International Harvester Company. Thermostat. 2,221,752; Nov. 19.
Bennett, Donald P., Washington, D. C. Panoramic reflector for cameras. 2,216,031; Sept. 24.
Bennett, Dorothy, et al. (See Anderson, A. J., and Hill, assignors.)
Bennett, Edward H., and H. R. Schutz, Toledo, Ohio, assignors to Libbey Glass Company. Banding apparatus. 2,196,094; Apr. 2.
Bennett, Edwin O., assignor to Continental Oil Company, Ponca City, Okla. Removing oil from wells. 2,225,949; Dec. 24.
Bennett, Eugene G., assignor to The Champion Paper and Fibre Company, Hamilton, Ohio. Determination of hydrogen-ion concentration. 2,192,123; Feb. 27.
Bennett, Foster C. (See Peake, J. S., and Bennett.)
Bennett, Franklin P., Seattle, Wash. Paper roll chuck. 2,196,489; Apr. 9.

Bennett, Geoffrey R., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,193,669; Mar. 12.
Bennett, George C., Huntsville, Ala. Shoe finisher machine. 2,217,095; Oct. 8.
Bennett, Harry T., assignor to Mid-Continent Petroleum Corporation, Tulsa, Okla. Sulphurizing oils. 2,206,151; July 2.
Bennett, Harry T., assignor to Mid-Continent Petroleum Corporation, Tulsa, Okla. Sulphurizing oils. 2,206,152; July 2.
Bennett, Herbert G. R., Duquesne, Pa. Flying shear control. 2,211,362; Aug. 13.
Bennett Incorporated. (See Neitzke, Oscar F., assignor.)
Bennett Incorporated. (See Strovink, Florian, assignor.)
Bennett, James A. J., Esher, England, assignor, by mesne assignments, to Autogiro Company of America. Sustaining or lifting rotor for aircraft. 2,192,492; Mar. 5.
Bennett, James A. J., Esher, England, assignor, by mesne assignments, to Autogiro Company of America. Bladed aircraft sustaining rotor. 2,197,677; Apr. 16.
Bennett, James A. J., Esher, England, assignor, by mesne assignments, to Autogiro Company of America. Aircraft sustaining rotor. 2,217,663; Oct. 15.
Bennett, John M., Passaic, and V. D. Hauck, Clifton, N. J., assignor to Hygrade Sylvania Corporation, Salem, Mass. Marking method and apparatus. 2,192,860; Mar. 5.
Bennett, Joseph A., assignor to Automatic Engraving Machine Company, Inc., Bloomington, Ind. Printing plate and method of and apparatus for producing it. 2,209,183; July 23.
Bennett, Joseph H., Worcester, Mass. Net for basketball goal. 2,199,609; May 7.
Bennett, Joseph S., Merion, assignor to American Engineering Company, Philadelphia, Pa. Stoker. 2,195,808; Apr. 2.
Bennett, Lewis J., assignor of fifty-five per cent to R. W. Tyler, Hancock, N. Y. Casing for mattresses and the like. 2,201,361; May 21.
Bennett, Moses E., assignor of one-half to D. Isom, Detroit, Mich. Burglar trap. 2,194,415; Mar. 19.
Bennett, Racy D., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Container. 2,218,670; Oct. 22.
Bennett, Racy D., and C. Z. Monroe, Detroit, Mich., assignors to The American Paper Bottle Company, Toledo, Ohio. Container fabricating machine. 2,217,784; Oct. 15.
Bennett, Raymond F., Portland, Maine. Coin rack. 2,221,072; Nov. 12.
Bennett, Robert P., assignor to Bendix Radio Corporation, Chicago, Ill. Radio signaling system. 2,221,939; Nov. 19.
Bennett, Seymour B. (See Atkins, H. J., and Bennett.)
Bennett, Wallis R. (See Heath, S. B., and Bennett.)
Bennett, Willard H., Columbus, Ohio. Making insulating materials. 2,206,557; July 2.
Bennett, Willard H., Columbus, Ohio. High voltage vacuum tube. 2,206,558; July 2.
Bennett, Willard H., Columbus, assignor to Electronic Research Corporation, Newark, Ohio. Rectification system. 2,202,823; June 4.
Bennett, Willard H., assignor to Electronic Research Corporation, Newark, Ohio. Electrical inverter. 2,203,663; June 11.
Bennett, Willard H., assignor to Electronic Research Corporation, Newark, Ohio. Rectifier. 2,204,564; June 18.
Bennett, Willard H., assignor to Electronic Research Corporation, Newark, Ohio. Electric discharge system. 2,216,729; Oct. 8.
Bennett, William, Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,213,511; Sept. 3.
Bennett, William B., Seagraves, assignor of one-half to W. Shaw, Los Angeles, Calif. Planter box. 2,203,771; June 11.
Bennett, William G., Epsom, England, assignor to Standard Brands Incorporated, New York, N. Y. Extraction of sterols. 2,223,398; Dec. 3.
Bennett, William R., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal wave modulation. 2,185,684; Jan. 2.
Bennett, William R., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multiplex signaling with phase discrimination. 2,213,938; Sept. 3.
Bennett, William S. (See Devareaux, Garry E., assignor.)
Benning, Anthony F. (See Downing, F. B., Benning, and Benton.)
Benninghofen, Paul, et al. (See Doppleb, Albrecht, assignor.)
Benninghofen, Paul, et al. (See Katz, R., and Waechter, assignors.)
Benninghofen, Paul, et al. (See Waechter, Harry J., assignor.)
Benofsky, Richard W., Oakland, and H. H. Daniels, Alameda, Calif. Dispensing nozzle. 2,199,947; May 7.
Benoit, Constant A., Brooklyn, assignor to Permatex Company, Inc., Sheepshead Bay, N. Y. Sealing composition. 2,217,723; Oct. 15.
Benoit, Francois P. C., Paris, France. Apparatus for projection of molten pulverized bodies. 2,190,326; Feb. 13.

Benoit, Joseph P., C. C. Kinker, R. G. Allen, and H. A. Rohrich, Alton, Ill., and C. W. Schreiber, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Hydraulic machine for molding glass articles. 2,225,898; Dec. 24.

Benoit, Joseph P., C. C. Kinker, R. G. Allen, and H. A. Rohrich, Alton, Ill., and C. W. Schreiber, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Machine for molding glass articles. 2,225,899; Dec. 24.

Benoit, Joseph P., L. H. Wideman, Alton, Ill., and C. C. Kinker, Montreal, Quebec, Canada, assignors to Owens-Illinois Glass Company. Safety device for glass blowing machines. 2,227,374; Dec. 31.

Benoit, Leon. (See Brown, A. E., and Vaughan, assignors.)

Benoit, Oliver A., Lawrence, Mass. Small batch process of mixing fibers. 2,195,018; Mar. 26.

Benoit, Oliver A., Lawrence, Mass. Fiber remixing machine and process. 2,227,175; Dec. 31.

Benowitz, Max A., Kingston, N. Y. One-piece adjustable strap. 2,185,425; Jan. 2.

Bensel Corporation. (See Bensel, Duryea, assignor.)

Bensel, Duryea, assignor, by mesne assignments, to A. Borden, New York, N. Y. Sealing for paperboard containers. 2,196,243; Apr. 9.

Bensel, Duryea, assignor, by mesne assignments, to American Can Company, New York, N. Y. Sanitary shield for containers. 2,197,739; Apr. 16.

Bensel, Duryea, assignor to Bensel Corporation, New York, N. Y. Dispensing paper package. 2,200,111; May 7.

Bensel, Duryea, assignor, by mesne assignments, to A. Borden, New York, N. Y. Bottom fill paperboard container. 2,201,332; May 21.

Bensen, John N., Brooklyn, N. Y. Traffic marker and indicium. 2,196,890; Apr. 9.

Benson, Andrew, Wilmette, Ill. Variable speed transmission. 2,198,471; Apr. 23.

Benson, Arthur R., Berlin, assignor to The W. W. Mildrum Jewel Company, East Berlin, Conn. Guide mounting. 2,197,358; Apr. 16.

Benson, Ary A., Los Angeles, Calif. Friction disk for multiple disk brakes. 2,190,767; Feb. 20.

Benson, Bernhart A., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Washing machine stand. 2,190,623; Feb. 13.

Benson, Bernhart A., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Washing machine. 2,203,664; June 11.

Benson, Bernhart A., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric flatiron. 2,224,500; Dec. 10.

Benson, Bernhart A., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Fan structure. 2,224,628; Dec. 10.

Benson, Bernhart A., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Washing machine. 2,224,806; Dec. 10.

Benson, Frank A., Los Angeles, Calif. Suction cleaner. 2,218,035; Oct. 15.

Benson, George A., Jersey City, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Closure for containers. 2,214,399; Sept. 10.

Benson, George O., assignor to Chisholm-Ryder Co., Inc., Niagara Falls, N. Y. Folding net. 2,202,789; May 28.

Benson, George O., assignor to Chisolm-Ryder Co., Inc., Niagara Falls, N. Y. Handle for fish poles. 2,206,019; July 2.

Benson, Jewell R., Manhattan, Kans. Automatic cut-off nozzle for filling tanks and containers. 2,209,219; July 23.

Benson, John B., Pittsfield, Mass. Antirattling device. 2,187,412; Jan. 16.

Benson, Norman D., Iron Mountain, Mich. Cut-out switch. 2,226,918; Dec. 31.

Benson, Victor A., San Jose, Calif. Barbecue stove. 2,213,483; Sept. 3.

Bent, Franklin A., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Process and product relating to heteropolar compounds. 2,197,462; Apr. 16.

Bent, Franklin A., A. G. Loomis, and H. C. Lawton, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Sealing off water bearing formations. 2,200,710; May 14.

Bentley, Bede J. F., Longfield, Kent, England. Securing rain water pipes to walls. 2,193,758; Mar. 12.

Bentley Engineering Company Limited. (See Wainwright, C. H., Mountain, and Deans, assignors.)

Bentley, Gjermund P., and J. A. Peterson, Decorah, Iowa Implement tripping device. 2,195,355; Mar. 26

Bentley, Harold A. (See Barton, B. D., Adney, and Bentley.)

Bentley, Lawrence C., London, assignor to Electric & Musical Industries, Ltd., Hayes, Middlesex, England. Voltage doubler circuit. 2,203,485; June 4.

Bentley, Lionel, Batley Carr, and E. Garforth, Batley, England. Machine for ornamenting bricks. 2,193,916; Mar. 19.

Bentley, Oliver D. H., Norfolk, Mass. Lubricating method and system. 2,217,329; Oct. 8.

Bentley, Robert H., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Electric snap switch. 2,188,218; Jan. 23.

Bentley, Robert H., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Three position electric snap switch. 2,191,364; Feb. 20.

Benton, Cecil R., Vergennes, Vt. Ignition device. 2,206,073; July 2.

Benton, Fred K., Birmingham, Ala. Marking machine. 2,210,197; Aug. 6.

Benton, Harold Z., Glencoe, assignor to Crowe Name Plate & Manufacturing Co., Chicago, Ill. Cam lock. 2,200,211; May 7.

Benton, Kenneth H., Pittsfield, Mass., assignor to General Electric Company. Electrically insulating a conductor. 2,215,996; Sept. 14.

Benton, Lawrence G. (See Downing, F. B., Benning, and Benton.)

Bentson, Henry G. (See Forshee, J. K., Humphreys, and Hasney, assignors.)

Bentz, George B., Bronx, N. Y. Bathroom stool. 2,193,527; Mar. 12.

Bentz, George B., Bronx, N. Y. Vertically adjustable and foldable seat. 2,219,975; Oct. 29.

Bentz, George B., Bronx, N. Y. Garment supporting means for chairs. 2,224,247; Dec. 10.

Benz, George R., and C. MacSporran, Detroit, Mich., assignors to Phillips Petroleum Company. Automatic valve. 2,219,408; Oct. 29.

Benz, Johannes, Dusseldorf, Germany. Apparatus for molding and otherwise handling plastic material. 2,211,638; Aug. 13.

Benz, Werner, Berlin-Tempelhof, Germany, assignor to General Electric Company. Amplitude-limiting amplifier. 2,215,777; Sept. 24.

Benzin, Harry C., Buffalo, N. Y., assignor, by mesne assignments, to Martin & Schwartz, Inc. Liquid flow indicator. 2,219,677; Oct. 29.

Beran, Charles F., Tuckahoe, N. Y., assignor to Celanese Corporation of America. Cross-wound package. 2,197,847; Apr. 23.

Berard, John B., Providence, R. I. Fluid flow control means. 2,213,663; Sept. 3.

Berch, Samuel H. (See Hopkins, Arthur G., assignor.)

Berch, Samuel H., Beverly Hills, Calif. Packing food products and the like. 2,189,512; Feb. 6.

Berchet, Gerard J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of alpha-alkyleneimines, e. g., ethylenimine. 2,212,146; Aug. 20.

Berck, William F., assignor to Ralph N. Brodie Company, Oakland, Calif. Control apparatus for liquid meters. 2,196,805; Apr. 9.

Berck, William F., Hayward, assignor to Ralph N. Brodie Company, Oakland, Calif. Variable ratio transmission mechanism. 2,196,806; Apr. 9.

Berck, William F., Hayward, assignor to Ralph N. Brodie Company, Oakland, Calif. Printing mechanism for meter counters. 2,204,922; June 18.

Bercot, Fernand L., Syosset, N. Y. Toilet bowl. 2,200,687; May 14.

Berdner, John T., Burlingame, Calif. Game apparatus. 2,224,334; Dec. 10.

Bereck, Daniel, Dayton, Ohio, assignor to J. Balton, Baltimore, Md. Ice creame cone dispenser. 2,221,466; Nov. 12.

Berek, Max, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Optical polarizing system. 2,192,295; Mar. 5.

Berenson, Henry J., and L. N. Trudeau, Milwaukee, Wis., assignors to E. C. Ives, St. Paul, Minn. Can closure. 2,221,177; Nov. 12.

Bereskin, Alexander B., Cincinnati, Ohio. Electronic timer circuit. 2,206,446; July 2.

Beretta, Alessandro, assignor to "Montecatini" Società Generale per l'Industria Mineraria e Chimica, Milan, Italy. Manufacture of guanidinic derivatives. 2,195,073; Mar. 26.

Beretta, Filippo, assignor to "Montecatini" Società Generale per l'Industria Mineraria e Chimica, Milan, Italy. Preparation of 2-nitronaphthalene-4.8-disulphonic acid. 2,191,820; Feb. 27.

Beretvâs, Adalbert, Brooklyn, N. Y. Automatic loom for the making of knotted rugs. 2,192,029; Feb. 27.

Berg, Alfred J., and J. O. Huse, U. S. Navy, Portsmouth, N. H. Heat exchange element and making same. 2,196,186; Apr. 9.

Berg, Alfred J., Portsmouth, N. H., and J. O. Huse, United States Navy. Spring and making the same. 2,211,760; Aug. 20.

Berg, Alfred J., Portsmouth, N. H., and J. O. Huse, United States Navy. Method of and tool for making a spring. 2,211,761; Aug. 20.

Berg, Christian P., Chicago, Ill. Slide rule. 2,190,281; Feb. 13.

Berg, Edward C., Chicago, Ill., assignor to Ace Carton Corporation. Carton. 2,199,476; May 7.

Berg, Edward N., assignor of one-half to F. F. Schultz, Minneapolis, Minn. Draft regulator for chimneys. 2,188,564; Jan. 30.

Berg, Elaine, Chicago, Ill. Hair net. 2,198,425; Apr. 23.

Berg, Elmer W., Berwyn, and E. M. Asbridge, Chicago, Ill., assignors to International Harvester Company. Harvester. 2,209,047; July 23.

Berg, Emil G., Erie, Pa., assignor of one-twentieth to E. J. Te Pas, deceased, Cleveland, Ohio; C. A. Te Pas, administratrix. Hair cutting machine. 2,225,581; Dec. 17.

Berg, Frederick A., Chicago, Ill. Automatic change-over for films. 2,213,664; Sept. 3.
Berg, Fridtjof. (See Berg, Richard O., S., and F.)
Berg, Hans S., Ventura, Calif. Lubricator. 2,210,478; Aug. 6.
Berg, Harold, Pierre, S. Dak. Collimator. 2,220,389; Nov. 5.
Berg, Henry A., Jr., Pittsburgh, assignor of one-third to L. L. Guthrie, Butler, Pa., and one-third to C. A. Roeder, St. Louis, Mo. Automobile headlight control. 2,219,976; Oct. 29.
Berg, Herbert, Burghausen, assignor to Chemische Forschungsgesellschaft m. b. H., Munich, Germany. Synthetic product. 2,194,350; Mar. 19.
Berg, Herbert, and H. Heim, Burghausen, Upper Bavaria, and F. Leiss, assignors to Alexander Wacker Gesellschaft für Elektrochemische Industrie, G. m. b. H., Munich, Bavaira, Germany. Producing monovinyl acetylene. 2,222,394; Nov. 19.
Berg, Herbert, and A. von Putzer Reybegg, Burghausen, Upper Bavaria, assignors to Chemische Forschungsgesellschaft m. b. H., Munich, Germany. Mixed polymers of vinyl acetals. 2,224,663; Dec. 10.
Berg, Louis B., assignor to Borg-Warner Corporation, Chicago, Ill. Supporting stand. 2,215,685; Sept. 24.
Berg, Quentin, Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,218,161; Oct. 15.
Berg, Richard O. and S., assignors to Michigan Steel Tube Products Company, Detroit, Mich. Tube cut-off apparatus. 2,186,061; Jan. 9.
Berg, Richard O., S., and F., assignors to Michigan Steel Tube Products Co., Detroit, Mich. Muffler. 2,186,062; Jan. 9.
Berg, Sidney H. (See Beizer, Harold H., assignor.)
Berg, Simon. (See Berg, Richard O. and S.)
Berg, Simon. (See Berg, Richard O., S., and F.)
Berg, Walter G. (See Irwin, Milton, assignor.)
Bergan, Kenneth N., and W. O. Skarshaug, Decorah, Iowa. Musical tuning instrument. 2,207,450; July 9.
Bergan, Martin D. (See Thomas G. C., Jr., and Bergan.)
Bergan, Martin D., Linden, assignor to The Thomas & Betts Co., Elizabeth, N. J. Wire connector. 2,198,262; Apr. 23.
Bergan, Martin D., Linden, assignor to The Thomas & Betts Co., Elizabeth, N. J. Coated fitting. 2,223,202; Nov. 26.
Berger, Adolph L., Dayton, Ohio. Automatic regulator. 2,216,699; Oct. 1.
Berger, Adolph L., Dayton, Ohio. Exhaust manifold. 2,217,664; Oct. 15.
Berger, Arthur, Oberturkheim, assignor to Daimler-Benz Aktiengesellschaft, Stutgart-Unterturkheim, Germany. Hydraulic transmission for automotive purposes. 2,186,748; Jan. 9.
Berger, Arthur, Oberturkheim, near Stuttgart, assignor to Daimler-Benz Akticngesellschaft, Stuttgart-Unterturkheim, Germany. Internal combustion engine. 2,202,643; May 28.
Berger, Arthur, Stuttgart-Oberturkheim, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Hydraulic transmission control. 2,223,715; Dec. 3.
Berger Brothers Company, The. (See Versoy, Irving R., assignor.)
Berger, Edwin, assignor to Jenaer Glaswerk Schott & Gen., Jena, Germany. Heat-absorbing glass. 2,194,784; Mar. 26.
Berger, Emil H. (See Hildebrand, O. G., and Berger.)
Berger, Emil J., Hatfield, assignor to Dexdale Hosiery Mills, Lansdale, Pa. Knitting machine. 2,207,606; July 9.
Berger, Emil J., Hatfield, assignor to Dexdale Hosiery Mills, Lansdale, Pa. Machine for producing flat-knitted reinforced fabrics. 2,211,315; Aug. 13.
Berger, Emil J., Hatfield, assignor to Dexdale Hosiery Mills, Lansdale, Pa. Stocking production. 2,224,029; Dec. 3.
Berger, Frederick C., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated. New York, N. Y. Strand winding machine. 2,185,883; Jan. 2.
Berger, Fritz, Pasadena, Calif. Water bag. 2,201,424; May 21.
Berger, Harold W., Omaha, Nebr. Dispenser for paper sheets. 2,207,475; July 9.
Berger, Harry, New York, N. Y. Garment. 2,223,157; Nov. 26.
Berger, Hellmuth. (See Kunz, H., and Berger.)
Berger, Henry G. (See Badertscher, D. E., Berger, and Seger.)
Berger, Henry G., Woodbury, W. H., James Wenonah, and D. E. Badertscher, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Reaction products of ortho-phosphitobenzoyl chloride and making same. 2,205,337; June 18.
Berger, Henry G., R. S. George, and E. M. Nygaard, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Diesel fuel. 2,206,594; July 2.
Berger, Herbert R., Brooklyn, assignor to J. F. Jelenko & Co., Inc., New York, N. Y. Dental casting apparatus. 2,209,381; July 30.
Berger, John H., White Plains, assignor to American Cyanamid Company, New York, N. Y. Abrasive and producing same. 2,209,292; July 23.
Berger, Julius, Berlin-Wilhelmsruhe, Germany. Pipe coupling. 2,208,286; July 16.
Berger, Julius, Berlin-Wilhelmsruh, and R. Kaiser, Berlin-Hohenneuendorf, Germany, assignors to Michigan Patents Corporation, Jackson, Mich. Pipe and hose union. 2,219,218; Oct. 22.
Berger, Julius, Berlin-Wilhelmsruh, and R. Kaiser, Berlin-Hohenneuendorf, Germany, assignors to Michigan Patents Corporation, Jackson, Mich. Tool for fixing hose unions. 2,226,702; Dec. 31.
Berger, Knute, Seattle, Wash. Engine starter. 2,196,969; Apr. 16.
Berger, Mannie, Plainfield, N. J. Partition system. 2,226,965; Dec. 31.
Berger, Marion E., Lewistown, Mo. Pulley block. 2,202,184; May 28.
Berger, Martin, Dresden-Freital, Germany. Continuously variable friction wheel change speed gear. 2,186,662; Jan. 9.
Berger, Rudolph, and H. N. Ricket, assignors to The American Specialty Company, Amherst, Ohio. Method of and apparatus for washing vegetables. 2,205,131; June 18.
Berger, Samuel I., Newark, N. J. Toy vehicle. 2,201,148; May 21.
Berger, Samuel I., Newark, N. J. Toy roundabout. 2,216,899; Oct. 8.
Berger, Samuel I., Newark, N. J. Toy. 2,218,065; Oct. 15.
Berger, Samuel I., Newark, N. J. Mechanical toy. 2,218,513; Oct. 22.
Berger, Uriah S., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Measuring device. 2,216,730; Oct. 8.
Berger, Uriah S., New York, and A. E. Melhose, St. Albans, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Convoy current timing arrangement. 2,207,711; July 16.
Berger, Uriah S., New York, N. Y., and A. M. Curtis, South Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Circuit controller. 2,220,883; Nov. 12.
Berger, Walter. (See Pier, M., Simon, and Berger.)
Bergerioux, René, Mennecy, assignor to G. Bardin, Tournus (Saone-et-Loire), France. Container provided with a flexible diaphragm for dispensing materials. 2,208,744; July 23.
Bergeron, Alfred, Chicopee Falls, Mass. Piston ring. 2,190,204; Feb. 13.
Bergeron, Frank L., Burlington, Vt. Fastener for screens and storm windows. 2,223,883; Dec. 3.
Berges, Donald M., Alpine, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,207,652; July 9.
Berges, Donald M., Alpine, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Electrical synchronizing system. 2,213,358; Sept. 3.
Berges, Donald M., Alpine, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Electrical apparatus. 2,223,088; Nov. 26.
Bergey, Frank A., Detroit, Mich. Variable capacity atomizer. 2,223,055; Nov. 26.
Bergfeldt, Julius V., New Britain, Conn. Grinding machine. 2,222,580; Nov. 19.
Bergfors, Gordon, New York, N. Y., assignor to Exercycle Corporation. Exercising machine. 2,221,962; Nov. 19.
Berggren, Charles W. (See Berggren, Gustave W., assignor.)
Berggren, Gustave W., assignor to C. W. Berggren, Brooklyn, N. Y. Portable piston groover and facer. 2,194,686; Mar. 26.
Berggruen, Herbert, Bronx, N. Y. Sole and heel applicator. 2,206,153; July 2.
Berghaus, Bernhard. (See Hagedorn, Gerhard, assignor.)
Berghaus, Bernhard. (See Zapf, Gerhard, assignor.)
Berghaus, Bernhard, Berlin-Lankwitz, and W. Burkhardt, Berlin-Grunewald, Germany; said Burkhardt assignor to said Berghaus. Metallization of metal articles by cathode disintegration. 2,200,909; May 14.
Berghaus, Bernhard, Berlin-Lankwitz, and W. Burkhardt, Berlin Grunewald, Germany, said Burkhardt assignor to said Berghaus. Electronic discharge tube. 2,203,452; June 4.
Berghaus, Bernhard, Berlin-Lankwitz, and W. Burkhardt, Berlin-Grunewald, Germany; said Burkhardt assignor to said Berghaus. Apparatus for cathode disintegration. 2,206,020; July 2.
Berghaus, Bernhard, Berlin-Lankwitz, W. Burkhardt, Berlin-Grunewald, and R. Reinecke, Berlin-Lankwitz, Germany; said Burkhardt and said Reinecke assignors to said Berghaus. Leading-in insulator. 2,219,611; Oct. 29.
Berghaus, Bernhard, Berlin-Lankwitz, and W. Burkhardt, Berlin-Grunewald, Germany; said Burkhardt assignor to said Berghaus. Electric reaction furnace. 2,219,612; Oct. 29.
Berghaus, Bernhard, Berlin-Lankwitz, and W. Burkhardt, Berlin-Grunewald, Germany; said Burkhardt assignor to said Berghaus. Cathode disintegration apparatus. 2,219,613; Oct. 29.
Berghaus, Bernhard, Berlin-Lankwitz, and W. Burkhardt, Berlin-Grunewald, Germany; said Burkhardt assignor to said Berghaus. Electrical discharge apparatus. 2,219,614; Oct. 29.

Berghaus, Bernhard, Berlin-Lankwitz, and W. Burkhardt, Berlin-Grunewald, Germany; said Burkhardt assignor to said Berghaus. Electrical discharge apparatus. 2,219,615; Oct. 29.
Berghaus, Bernhard, Berlin-Lankwitz, and W. Burkhardt, Berlin-Grunewald, Germany, said Burkhardt assignor to Berghaus. Sintering hard substances in vacuum. 2,227,176; Dec. 31.
Berghaus, Bernhard, Berlin-Lankwitz, and W. Burkhardt, Berlin-Grunewald, Germany, said Burkhardt assignor to said Berghaus. Sintering metal. 2,227,177; Dec. 31.
Bergholm, Harry K., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,201,362; May 21.
Bergholm, Harry K., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigerator. 2,211,713; Aug. 13.
Bergkvist, Ernst R., and K. H. Eriksson, Orsa, Sweden. Ax provided with a swingable head adapted to be locked in different positions. 2,193,708; Mar. 12.
Berglund, Charles V., assignor to Hydraulic Brake Company, Detroit, Mich. Brake. 2,188,452; Jan. 30.
Berglund, Karl T., assignor to Sandvikens Jernverks Aktiebolag, Sandviken, Sweden. Alloy steel. 2,199,096; Apr. 30.
Berglund, Karl T., assignor to Sandvikens Jernverks Aktiebolag, Sandviken, Sweden. Alloy steel. 2,201,425; May 21.
Bergman, Ed, New York, assignor to Art Steel Company, Inc., Bronx, N. Y. Sectional cabinet. 2,203,716; June 11.
Bergman, John A., deceased, North Bergen, N. J., A. Herrman, administrator. Illuminated sign. 2,216,261; Oct. 1.
Bergman, Sven R., Nahant, Mass., assignor to General Electric Company. Torsional vibration dampener. 2,220,751; Nov. 5.
Bergmann, Carl A., assignor to W. D. Mann, Milwaukee, Wis. Filter. 2,197,120; Apr. 16.
Bergmann, Ernst R., assignor to Goodman Manufacturing Company, Chicago, Ill. Feeding mechanism for shaker or jigging conveyers. 2,186,472; Jan. 9.
Bergmann, Paul F. (See Johnson, C. E., and Bergmann.)
Bergmann, Richard F. (See Torrence, G. P., Bergmann, and Knebusch, assignors.)
Bergmann, Richard F. (See Torrence, G. P., Bergmann, and Walters.)
Bergmann, Richard F., Lakewood, C. C. Walters, Cleveland, and F. J. Samerdyke, Rocky River, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Drive mechanism for twister frames. 2,203,665; June 11.
Bergmans, Jan, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Optical system. 2,187,071; Jan. 16.
Bergmans, Jan, P. M. van Alphen, and H. van der Veen, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Optical system. 2,192,886; Mar. 12.
Bergmans, Jan, C. A. Lamberts, and J. H. F. van Werd, Eindhoven, Netherlands, assignors to General Electric Company. Electric incandescent lamp. 2,216,223; Oct. 1.
Bergner, Johanna. (See Kraft, J. E., and Bergner.)
Bergquist, Carl, Stockholm, Sweden, assignor to Corn Products Refining Company, New York, N. Y. Confection and making same. 2,193,470; Mar. 12.
Bergquist, Nils O., Stockholm, Sweden. Device for determining the inclination of an axle to two different planes. 2,194,995; Mar. 26.
Bergren, Hazel. (See Franco, S. J., and Bergren.)
Bergstein, Edna M., et al., trustees. (See Bergstein, Samuel, assignor.)
Bergstein, Frank D., et al., trustees. (See Bergstein, Samuel, assignor.)
Bergstein, Robert M., Cincinnati, Ohio. Lined display box and packaging therein. 2,200,818; May 14.
Bergstein, Robert M., Cincinnati, Ohio. Machine and method for package closure. 2,206,761; July 2.
Bergstein, Robert M., et al., trustees. (See Bergstein, Samuel, assignor.)
Bergstein, Samuel, Cincinnati, Ohio. Making infolded knockdown boxes. 2,198,855; Apr. 30.
Bergstein, Samuel, Cincinnati, Ohio. Making infolded knockdown boxes. 2,200,238; May 7.
Bergstein, Samuel, Cincinnati, Ohio. Forming egg cartons. 2,211,488; Aug. 13.
Bergstein, Samuel, assignor, by mesne assignments, to Robert M. Bergstein, Cincinnati, Ohio, and F. D. Bergstein, trustees. Box with lid attached and making the same. 2,210,443; Aug. 6.
Bergstein, Samuel, Cincinnati, assignor to E. M. and R. M. Bergstein, Cincinnati, Ohio, as trustees. Interlocked box. 2,217,503; Oct. 8.
Bergstein, Samuel, Cincinnati, assignor, by mesne assignments, to R. M. Bergstein, Cincinnati, Ohio, and F. D. Bergstein, as trustees. Making knockdown boxes. 2,217,504; Oct. 8.
Bergström Axel, Lidingo, assignor to Aktiebolaget Timbro, Stockholm, Sweden. Headlight for vehicles. 2,186,951; Jan. 16.
Bergstrom, Carl O., assignor to B. F. Sturtevant Company, Boston, Mass. Pressure ventilating system. 2,197,740; Apr. 16.
Bergstrom, Carl P., Millbury, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Center stop-motion for looms. 2,226,235; Dec. 24.
Bergström, Johan E., Halmstad, Sweden. Centerless grinding machine. 2,210,137; Aug. 6.
Beria, Biagio, assignor to Società Anonima Officine Di Villar Perosa, Turin, Italy. Totalizer for calculating machines and cash registers with carrying mechanism. 2,197,291; Apr. 16.
Berkebil, Lee, assignor to B. W. Manufacturing Company, Detroit, Mich. Wire reducing machine. 2,189,876; Feb. 13.
Berkeley, Frederick D., Ossining, and J. A. Gibb, New Rochelle, assignors to The Lummus Company, New York, N. Y. Heat exchanger. 2,223,311; Nov. 26.
Berker, Ralph C., Hoxie, R. I. Gill screw. 2,208,318; July 16.
Berkey, William E., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,201,003; May 14.
Berkey, William E., Forest Hills, Pa., and J. W. McNall, East Orange, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Direct current welding with tube control. 2,221,569; Nov. 12.
Berkheimer, Benjamin F., Greenville, Ohio. Stove. 2,217,505; Oct. 8.
Berkley, Earl E., Arlington, Va., and G. E. Frost, Alton, Ill., assignors to Western Cartridge Company, East Alton, Ill. Explosive. 2,211,737; Aug. 13.
Berkman, Boris, assignor to Milkweed Products Development Corporation, Chicago, Ill. Milkweed floss liberation. 2,223,543; Dec. 3.
Berkman, Herbert A., Chicago, Ill., assignor to Zim Manufacturing Company. Iron holder for ironing boards. 2,193,414; Mar. 12.
Berkoben, August, Forest Hills, and E. A. Moritz, East McKeesport, Pa. Swing support. 2,210,522; Aug. 6.
Berkowitz Envelope Company. (See Berkowitz, Eugene B., assignor.)
Berkowitz, Eugene B., assignor to Berkowitz Envelope Company, Kansas City, Mo. Envelope. 2,207,142; July 9.
Berkstresser, Charles S., Lacoochee, assignor to Cummer Sons Cypress Company, Jacksonville, Fla. Apparatus for making containers. 2,202,082; May 28.
Berl, Ernst, Pittsburgh, Pa. Purification of sulphur dioxide-containing technical gases obtained from roasting. 2,204,543; June 18.
Berlanstein, Milton, Brooklyn, N. Y. Bookbinding apparatus. 2,227,213; Dec. 31.
Berlin, David W., Rasunda, Sweden. Automatically variable change speed gear device. 2,198,753; Apr. 30.
Berlin, Donovan R., Eggertsville, N. Y., assignor to Curtiss-Wright Corporation. Wing and fuselage construction. 2,211,089; Aug. 13.
Berlin, Donovan R., Eggertsville, N. Y., assignor to Curtiss-Wright Corporation. Engine cowling and cooling. 2,221,905; Nov. 19.
Berlin, Donovan R., Eggertsville, N. Y., assignor to Curtiss-Wright Corporation. Airplane. 2,225,094; Dec. 17.
Berlin, Julius. (See Stoddard, W. B., and Berlin.)
Berlin, Ludwig W. (See Schlichenmaier, H., and Berlin.)
Berliner, Henry A., Washington, D. C., assignor, by mesne assignments, to Engineering and Research Corp., Riverdale, Md. Metal forming machine. 2,205,079; June 18.
Berliner, Henry A., Washington, D. C., assignor, by mesne assignments, to Engineering and Research Corporation, Riverdale, Md. Variable pitch propeller. 2,225,408; Dec. 17.
Berliner, Julius F. T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making porous structures. 2,191,555; Feb. 27.
Berling, Philip E. (See Bregou, L. V., and Berling.)
Berluti, Ercole R., Saginaw, Mich. Trailer hitch. 2,204,882; June 18.
Berman, Aaron R., Chester, Pa. Boot or covering for universal joints of drive shafts of various motor vehicles. 2,210,847; Aug. 6.
Berman, Elsie L., et al. (See Berman, Oscar A., assignor.)
Berman, Jean S., et al. (See Berman, Oscar A., assignor.)
Berman, Nina A., et al. (See Berman, Oscar A., assignor.)
Berman, Oscar A., New York, N. Y., assignor to O. A. Berman, as trustee for E. L., N. A., and J. S. Berman. Fastening device. 2,195,385; Mar. 26.
Berman, Phoebus, et al., trustees. (See Chaney, A. L., and Lammersen.)
Berman, Sam, Chicago, Ill. Duplicating machine. 2,215,495; Sept. 24.
Berman, Samuel, Bayonne, N. J., assignor of twenty-five percent to A. A. Melniker. Rectifier. 2,221,773; Nov. 19.
Berman, Samuel, Bayonne, assignor to Standard Electric Hammer Co., Jersey City, N. J. Electric hammer. 2,225,967; Dec. 24.
Bermann, Hugo, Jersey City, N. J. Eye exercising device. 2,224,776; Dec. 10.
Bermingham Small Arms Company Limited, The. (See Tait, John N. H., assignor.)
Bernard, Ernest, Chicago, Ill. Absorption dynanometer. 2,188,398; Jan. 30.
Bernard, Jean, Paris, France. Magneto. 2,198,754; Apr. 30.

Bernard, William V., El Cerrito, Calif. Rod bender. 2,192,428; Mar. 5.
Bernardon, Marcellin E. R., assignor to Societe Anonyme des Pneumatiques Dunlop, Paris, France. Tractor wheel. 2,191,950; Feb. 27.
Bernat, Emile, & Sons Co. (See Olken, D., and Bernat, assignors.)
Bernat, George. (See Olken, D., and Bernat.)
Bernay, Henri B., New York, N. Y. Pruning implement. 2,195,045; Mar. 26.
Bernd, Adolf, assignor to Filter Tips Limited, London, England. Manufacture of cigarettes. 2,194,378; Mar. 19.
Berndt, Alexander J., Union City, assignor to J. Gabriel, West New York, N. J. Support. 2,196,891; Apr. 9.
Berndt, Alexander J., Union City, assignor to J. Gabriel, West New York, N. J. Support. 2,196,892; Apr. 9.
Berndt, Arthur A., and H. C. Nycum, assignors to Electroline Company, Chicago, Ill. Composite strand connector. 2,209,620; July 30.
Berndt, Hans R. (See Schulz, R. E. C., and Berndt.)
Berndt-Maurer Corp., The. (See Maurer, John A., Jr., assignor.)
Berndt, Ralph H., Detroit, Mich. Device for locating and recovering sunken articles. 2,198,755; Apr. 30.
Berndt, Walter, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Direction finder loop. 2,201,807; May 21.
Berndt, Walter, Berlin, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Loop antenna. 2,202,368; May 28.
Berne-Allen, Allan, Jr., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of filamentary structures. 2,210,161; Aug. 6.
Berneker, Amelia C., et al. (See Weaver, James C., assignor.)
Berner, Robert B., assignor to Hetherington & Berner Inc., Indianapolis, Ind. Portable asphalt mixing plant construction. 2,200,589; May 14.
Berner, Theodore, Brooklyn, N. Y. Advertising device. 2,193,958; Mar. 19.
Bernhard, Albrecht, and G. Beyrich, Nuremberg, Germany, and M. Aron, Vienna, Austria, assignors to Metrawatt Aktiengesellschaft, Fabrik Elektrischer Messgeraete, Nuremberg, Germany. Photoelectric exposure meter with several ranges of measurement. 2,202,441; May 28.
Bernhard, Benjamin S., Boston, Mass., assignor to The American Hardware Corporation, New Britain, Conn. Hinge. 2,205,786; June 25.
Bernhard, John B., Union City, N. J., assignor to Phoenix Steel Boiler Works, Inc., New York, N. Y. Heating apparatus. 2,210,830; Aug. 6.
Bernhard, Richard. (See Cheesman, R. D., and Bernhard.)
Bernhard, Richard, assignor to Traylor Engineering and Manufacturing Company, Allentown, Pa. Swing jaw mounting. 2,210,790; Aug. 6.
Bernhard, Richard, assignor to Traylor Engineering and Manufacturing Company, Allentown, Pa. Yielding suspension for vertical crusher shafts. 2,218,783; Oct. 22.
Bernhard, Rudolf K., State College, Pa. Testing apparatus. 2,206,386; July 2.
Bernhardt, Matthias R., Lenoir, N. C. Electrical race track. 2,188,619; Jan. 30.
Bernhardt, Roy, assignor to M and M Wood Working Company, Portland, Oreg. Panel. 2,220,596; Nov. 5.
Bernhardt, Rudolph, Chicago, Ill. Sprayer. 2,185,534; Jan. 2.
Bernhardt, Rudolph, Chicago, Ill. Spraying device. 2,208,067; July 16.
Bernheim, Roger, assignor to Société Cinoza, Société Anonyme, Paris, France. Process and device for the reproduction of fixed density sound records. 2,205,513; June 25.
Bernheimer, Philip N. (See Cooper, Thomas B., assignor.)
Bernholtz, John S., Carroll, Iowa. Door closer. 2,187,109; Jan. 16.
Bernier, Adler H., Detroit, Mich. Coaster brake. 2,186,816; Jan. 9.
Bernier, Antonine, Montreal, Quebec, Canada. Screen for vehicle windows. 2,223,477; Dec. 3.
Bernier, Wilfrid L., Gardner, Mass. Detachable heel. 2,212,655; Aug. 27.
Bernis, Julius, Malden, assignor of one-half to J. S. Butman, Lynn, Mass. Box. 2,209,593; July 30.
Berns, Mel. (See Satz, F., and Berns.)
Bernsee, Herbert G. (See Mueller, R. W., and Bernsee.)
Bernstein, Herman, Brooklyn, N. Y. Eyelash curler. 2,214,318; Sept. 10.
Bernstein, Jacob, Omaha, Nebr. Tank mounting. 2,199,737; May 7.
Bernstein, Joseph R., Chicago, Ill. Shoe stud. 2,207,476; July 9.
Bernstein, Leiba, New York, N. Y. Apparatus for removing dust from air or other gases. 2,215,574; Sept. 24.
Bernstein, Philip, Brooklyn, assignor to Press Wireless, Inc., Chicago, Ill. Electro-optical method and apparatus. 2,199,066; Apr. 30.
Bernstein, Philip, Brooklyn, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Printing telegraph motor control method and apparatus. 2,214,572; Sept. 10.
Bernstein, Wilburn F. (See Heinze, W. A., and Bernstein.)
Bernstein, Wilburn F. (See Victor, J. H., and Bernstein.)
Bernstein, Wilburn F., Brookfield, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Oil seal diaphragm. 2,210,748; Aug. 6.
Bernstein, Wilburn F., Brookfield, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Flexible oil seal. 2,213,116; Aug. 27.
Bernstein, Wilburn F., Brookfield, and F. J. Bittermann, Chicago, Ill. Carburetor construction. 2,211,552; Aug. 13.
Bernstein, William E., Parsippany Troy Hills Township, Morris County, assignor of one-half to O. Bonomi, Boonton, N. J. Door holder. 2,199,369; Apr. 30.
Berolsky, Isadore M., Worcester, Mass. Soldering pliers. 2,226,194; Dec. 24.
Beronius, Harry V. (See Jardine, A. D., and Beronius.)
Berres, Carl. (See Müller, W., and Berres.)
Berry, Charles M., Inglewood, Calif. Vocamonica. 2,197,993; Apr. 23.
Berry, Charles R., Greenville, Miss., assignor to Cotton Harvester Corporation of America, Pittsburgh, Pa. Cotton picker. 2,200,464; May 14.
Berry, Charles R., assignor of one-half to H. A. Gamble, Greenville, Miss. Cotton picker. 2,224,285; Dec. 10.
Berry, Charles R., assignor of one-half to H. A. Gamble, Greenville, Miss. Cotton picker. 2,224,286; Dec. 10.
Berry, David M., deceased, by E. M. Berry, administratrix, Oakland, Calif. Safety wringer. 2,217,304; Oct. 8.
Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Suction roll. 2,199,455; May 7.
Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Pressure and vacuum forming papermaking machine. 2,202,890; June 4.
Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Horizontal press roll assembly. 2,209,756; July 30.
Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Felt arrangement for horizontal press roll assemblies. 2,209,757; July 30.
Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Felt arrangement for horizontal press rolls. 2,209,758; July 30.
Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Absorbent press roll assembly. 2,209,759; July 30.
Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Suction press roll assembly. 2,209,760; July 30.
Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Process and apparatus for drying webs. 2,209,761; July 30.
Berry, Ernest V., Los Angeles, Calif. Making bearings. 2,198,074; Apr. 23.
Berry, Eugene G. (See Reimuller, C. L., and Berry.)
Berry, Eugene G. (See Williams, W. M., and Berry.)
Berry, Eugene G., assignor to B. F. Gump Co., Chicago, Ill. Air lock for a sifter. 2,213,035; Aug. 27.
Berry, Eugene G., A. J. Hazle, Jr., and W. M. Williams, assignors to B. F. Gump Co., Chicago, Ill. Apparatus for preparing granular coffee. 2,202,891; June 4.
Berry, Eugene G., and W. M. Williams, assignors to B. F. Gump Co., Chicago, Ill. Cereal grinding mill. 2,202,892; June 4.
Berry, Eva M., administratrix. (See Berry, David M.)
Berry, Harold O., and T. W. Kappler, assignors to Florence Stove Co., Gardner, Mass. Stove with baffle. 2,196,490; Apr. 9.
Berry, Harry J., Albany, Calif., assignor of one-third to E. R. Rhodes, Jr., and one-third to W. C. Nichols. Pumping system. 2,206,447; July 2.
Berry, Henry J., Detroit, Mich. Cutting head. 2,214,449; Sept. 10.
Berry, Hugh R., Alton, Ill., assignor to Shell Development Company, San Francisco, Calif. Refining of naphthenic acids. 2,200,711; May 14.
Berry, John, Johannesburg, Transvaal, Union of South Africa. Fixing or securing clips or devices for sealing cartons or containers. 2,224,841; Dec. 10.
Berry, Leland L., assignor to Erie Resistor Corporation, Erie, Pa. Machine for die-casting frames on fragile inserts. 2,193,787; Mar. 19.
Berry, Otto C., Ann Arbor, Mich. Piston. 2,221,535; Nov. 12.
Berry, Paul F., Columbus, Ohio. Fastening device. 2,215,385; Sept. 17.
Berry, Reni S., assignor to S. J. Levy, Los Angeles, Calif. Match book cover. 2,199,610; May 7.
Berry, Robert E., San Leandro, Calif., assignor to Morton Salt Company, Chicago, Ill. Iodized salt. 2,205,872; June 25.
Berry, Theodore M., Schenectady, N. Y., assignor to General Electric Company. Weft straightening apparatus. 2,196,893; Apr. 9.
Berry, Theodore M., Schenectady, N. Y., assignor to General Electric Company. Apparatus for straightening woven material. 2,208,447; July 16.
Berry, Theodore M., Schenectady, N. Y., assignor to General Electric Company. Weft straightener. 2,209,220; July 23.

Berry, Thomas D., Coffeyville, Kans. Door closer. 2,198,402; Apr. 23.
Berry, Thompson M., New Orleans, La. Bell crank motor. 2,206,871; July 9.
Berry, Wilbert P., Kansas City, Kans. Steering system for automobiles. 2,203,810; June 11.
Berryman, Edwin J., Grass Valley, and J. B. Newsom, Nevada City, assignors to Idaho Maryland Mines Corporation, San Francisco, Calif. Mine shaft equipment. 2,194,134; Mar. 19.
Berryman, Grover C., Los Angeles, Calif. Forming pneumatic tires. 2,204,468; June 11.
Berryman, Harry H., Chicago, Ill., assignor, by mesne assignments, to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Heating and lighting equipment. Re. 21,576; Sept. 24.
Berst-Forster-Dixfield Co. (See Rahe, Samuel E., assignor.)
Berstler, Carl E., Reading, assignor of fifteen one-hundredths to R. T. Scull, Wyomissing Hills, fifteen one-hundredths to J. T. Bair, Reading, fifteen one-hundredths to A. W. Golden, Wyomissing, and fifteen one-hundredths to G. S. Weinerth, Reading, Pa. Spark plug. 2,208,178; July 16.
Bersworth, Frederick C., Verona, assignor to The Martin Dennis Company, Newark, N. J. Producing complex metal amine salts. 2,188,746; Jan. 30.
Bertele, Ludwig, et al. (See Beck, Ludwig, assignor.)
Bertele, Ludwig. (See Räntsch, K., Bertele, and Merz.)
Bertele, Ludwig, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Lens system. 2,186,621; Jan. 9;
Bertele, Ludwig, assignor to Zeiss Ikon Aktiengesselschaft, Dresden, Germany. Lens system. 2,186,621; Jan. 9.
Bertele, Ludwig, Dresden-Tolkewitz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic objective. 2,188,523; Jan. 30.
Berteli, Paul. (See La Hodny, W., and Bertell.)
Bertetti, John W., Galveston, Tex., assignor to Pan American Refining Corporation, New York, N. Y. Catalyst revivification. 2,215,868; Sept. 24.
Berthelsen, Erhard U. T., assignor to Illinois Tool Works, Chicago, Ill. Gear and method of making. 2,206,831; July 2.
Berthiaume, Joseph, Lawrence, Mass. Sled brake. 2,188,030; Jan. 23.
Berthiaume, Wilfrid, and A. Metail, Montreal, Quebec, Canada. Oil burner. 2,212,004; Aug. 20.
Berthold, Erich, and J. Mueller, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation. Vat dyestuffs of the anthraquinone series. 2,200,324; May 14.
Berthold, Erich, and W. Rohland, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation. Production of meta-diaza compounds. 2,212,928; Aug. 27.
Berthold, Hans, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Direction finding radio system. 2,188,071; Jan. 23.
Berthold, Hans, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Radio direction finding system. 2,223,056; Nov. 26.
Berthold, Walter K., Rockville, assignor to Hartford-Empire Company, Hartford, Conn. Machine for making purely pressed glassware. 2,207,676; July 9.
Bertino, Fred, Brooklyn, N. Y. Ink bottle. 2,216,900; Oct. 8.
Bertling, Francis E., Spokane, Wash. Tie and shirt garter. 2,210,275; Aug. 6.
Bertold, Fritz, Berlin-Niederschoneweide, assignor to Allgemeine Elektricitats Gesellschaft, Berlin, Germany. Plug and socket for coaxial lines. 2,226,690; Dec. 31.
Bertram, Bert C., Sayre, Pa. Draft control. 2,222,501; Nov. 19.
Bertram, Bert C., Sayre, Pa. Draft control. 2,222,502; Nov. 19.
Bertram, Paul E., Crystal Lake, Ill. Line tightener. 2,188,937; Feb. 6.
Bertrams, Elsa E., assignor to Kabo Corset Co., Chicago, Ill. Foundation garment. 2,190,916; Feb. 20.
Bertran, Benjamin E., assignor of one-half to J. A. Bertran, Los Angeles, Calif. Shoring bell bottom pile holes. 2,203,978; June 11.
Bertran, Edward M., assignor to Engineering and Research Corp., Washington, D. C. Variable pitch propeller. 2,196,654; Apr. 9.
Bertran, Josie A. (See Bertran, Benjamin E., assignor.)
Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Method of and apparatus for fitting soles. 2,186,161; Jan. 9.
Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Channeling machine. 2,216,153; Oct. 1.
Bertrand, Jean P., Paris, France. Polychrome photography. 2,200,018; May 7.
Bertsche, Ralph, Jr. (See White, J., and Bertsche.)
Bertschi, Jacob. (See Barrett, E. L., and Bertschi.)
Berwick, Albert G. (See Berwick, Frederick W and A. G.)
Berwick, Frederick W. and A. G., Streatham, London, England, assignors to The De Laval Separator Company, New York, N. Y. Device for delivering measured quantities of liquids. 2,198,524; Apr. 23.
Berwick, Frederick W. and A. G., Streatham, London, England, assignors, by mesne assignments, to The De Laval Separator Company, New York, N. Y. Device for dispensing liquids. 2,201,808; May 21.
Beryllium Corporation, The. (See Gahagan, Andrew J., assignor.)
Beryllium Corporation, The. (See Stott, Louis L., assignor.)
Besag, Ernst, Baden-Baden, Germany. Releasing device for electric switches. 2,199,477; May 7.
Besal, Joseph A. (See Knode, O. M., Nesal, and Thorman.)
Besaw, Clarence R., assignor to Goddard & Goddard Company, Inc., Detroit, Mich. Milling cutter. 2,207,909; July 16.
Beschkine, Leon, assignor to Entreprise Rouzaud et fils, Paris, France. Roof. 2,208,492; July 16.
Beseler, Fred C., Shreveport, La. Hanger for signs or other objects. 2,186,280; Jan. 9.
Besler, William J., Plainfield, N. J., and S. J. Whitlock, Oakland, Calif. Geared locomotive with twin-shaft engine. 2,197,373; Apr. 16.
Besly, Charles H., & Company. (See Young, Ralph W., assignor.)
Besse, Alden, et al. (See Hammick, Walter, assignor.)
Bessett, Eber W., Corpus Christi, Tex. Dishwashing, rinsing, and sterilizing device. 2,213,359; Sept. 3.
Bessette, Louis J., Burlington, Vt. Supporting bracket for outlet boxes. 2,209,146; July 23.
Bessey, Edward F., Crystal Lake, Ill., assignor, by mesne assignments, to Cinch Manufacturing Corporation. Socket for vacuum tubes and the like. Re. 21,547; Sept. 3.
Bessey, Gordon W., assignor of one-third to H. H. Withers and one-third to W. B. Stump, Buckhannon, W. Va. Crank mechanism. 2,226,800; Dec. 31.
Bessonneau,Maurice, Puteaux, France. Disappearing hood for motor vehicles. 2,185,581; Jan. 2.
Best, Alexander, et al., trustees. (See Ice, James N., assignor.)
Best Foods, Inc., The. (See Gooding, C. M., and Vahlteich, assignors.)
Best, Frank A., Windsor, Ontario, Canada. Flexible and resilient beaded strip and manufacturing the same. 2,195,046; Mar. 26.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,190,227; Feb. 13.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Transmission control mechanism. 2,193,218; Mar. 12.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,195,507; Apr. 2.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,199,036; Apr. 30.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,199,517; May 7.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Clutch mechanism. 2,201,149; May 21.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,203,290; June 4.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,203,291; June 4.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Gearing. 2,203,292; June 4.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Brake mechanism. 2,210,111; Aug. 6.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,218,634; Oct. 22.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Signal device. 2,221,178; Nov. 12.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,226,656; Dec. 31.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,226,703; Dec. 31.
Best, Frank E., Inc. (See Harp, Franklin H., assignor.)
Best, John A., Augusta, Ga. Card index. 2,216,428; Oct. 1.
Best, Myron A., Schenectady, N. Y., assignor to General Electric Company. Connector clamp. 2,190,510; Feb. 13.
Best, Norman A., assignor to The Dow Chemical Company, Midland, Mich. Valve. 2,194,080; Mar. 19.
Best, Reuben D., assignor to The Bailey Company Inc., Amesbury, Mass. Carton. 2,186,777; Jan. 9.
Bestco Shoe Machinery Inc. (See Le Gault, Elzear J., assignor.)
Bestco Shoe Machinery Inc. (See Tickelis, James I., assignor.)
Bestian, Herbert. (See Kranzlein, G., and Bestian.)
Bethenod, Joseph, assignor to Société Anonyme pour les Applications de l'Electricite et des Gaz Rares, Etablissements Claude-Paz & Silva, Paris, France. Supply of electric discharge tubes excited inductively. 2,223,399; Dec. 3.
Bethenod, Joseph, assignor to Société Anonyme pour les Applications de l'Electricité & des Gaz Rares, Etablissements Claude-Paz. & Silva, Paris, France. Alternating current high tension cable system. 2,226,154; Dec. 24.
Bethlehem Steel Company. (See Davis, Harry, assignor.)
Bethlehem Steel Company. (See Frear, Hugo P., assignor.)

Bethlehem Steel Company. (See Johnson, Oliver W., assignor.)
Bethlehem Steel Company. (See Morgan, Alfred C., assignor.)
Bethlehem Steel Company. (See Reed, C. D., and Riley, assignors.)
Bethlehem Steel Company. (See White, William E., assignor.)
Bethlehem Steel Company. (See Whitford, Harry S., assignor.)
Betner, Benjamin C., Company. (See Williams, S. N., and Higginbottom, assignors.)
Berry, Owen C. Glendale, Calif. Dual carburetor adapter. 2,192,067; Feb. 27.
Betry, Owen C., Glendale, Calif. Fuel temperature regulator and distributor. 2,214,400; Sept. 10.
Bette-Bennett, Norma F., Edgware, assignor of one-half to H. Williams, London, England. Artificial fuel. 2,215,536; Sept. 24.
Bettencourt, John M., Yuba City, Calif. Bottled beverage mixer. 2,194,290; Mar. 19.
Betteridge, Reuben. (See Sowter, P. F. C., and Betteridge.)
Betterton, Jesse O., Metuchen, and F. F. Poland, Highland Park, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Continuous casting. 2,195,809; Apr. 2.
Betterton, Jesse O., and Y. E. Lebedeff, Metuchen, and D. P. Wilkes, Perth Amboy, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Treating slimes. 2,202,893; June 4.
Betterton, Jesse O., and Y. E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Refining lead which contains bismuth. 2,204,651; June 18.
Betterton, Jesse O., and Y. E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Recovery of bismuth. 2,205,387; June 25.
Betterton, Jesse O., and Y. E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Removing bismuth from lead. 2,213,197; Sept. 3.
Betterton, Jesse O., Metuchen, and M. F. Perkins, New Brunswick, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Retort. 2,218,806; Oct. 22.
Betterton, Jesse O., Metuchen, and M. F. Perkins, New Brunswick, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Zinc metallurgy. 2,219,914; Oct. 29.
Bettin, Julius F., Bismarck, N. Dak. Typographical distributing apparatus for slug casting machines. 2,212,225; Aug. 20.
Bettis, Wilbur F. (See Johnston, M. O., and Bettis.)
Betts, Arnold, et al. (See Jones, Jack E., assignor.)
Betts & Company Limited. (See Boorman, Arthur, assignor.)
Betts, George H., Altadena, Calif. Target trap. 2,193,266; Mar. 12.
Betts, John R., Kearney, Nebr. Turbine pump. 2,226,892; Dec. 31.
Betts, William B., Binghamton, N. Y. Toy. 2,191,305; Feb. 20.
Betz, Paul. (See Pätzold, J., and Betz.)
Betz, Paul L., assignor to Consolidated Gas Electric Light and Power Company of Baltimore, Baltimore, Md. Relay device. 2,194,634; Mar. 26.
Betz, Paul L., assignor to Consolidated Gas Electric Light and Power Company of Baltimore, Baltimore, Md. Ignition means for gas heaters. 2,221,667; Nov. 12.
Betz, Paul L., Baltimore, Md., and S. Karrer, Washington, D. C., assignors to Consolidated Gas Electric Light and Power Company of Baltimore, Baltimore, Md. Thermo-electrically controlled device. 2,217,785; Oct. 15.
Betz, William, Elizabeth, N. J. Stamp holder. 2,199,456; May 7.
Betz, William C., assignor to The Fafnir Bearing Company, New Britain, Conn. Seal bearing. 2,197,748; Apr. 16.
Betz, William G., New York, N. Y., assignor to Pratt, Read & Company, Inc., Ivorytown, Essex, Connecticut. Piano action. Re. 21,567; Sept. 17.
Betzell, William F., Washington, D. C. Pull rim. 2,207,451; July 9.
Betzler, Paul, Karlsruhe (Baden), Germany. Method and apparatus for twisting metal bars into a unitary structure. 2,189,646; Feb. 6.
Betzold, John J., Winnipeg, Manitoba, Canada. Stuffing box. 2,216,107; Oct. 1.
Beuermann, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio beacon system. 2,212,110; Aug. 20.
Beuglet, Henry J., Detroit, Mich. Ticket book. 2,223,089; Nov. 26.
Beutel, Robert J., Brooklyn, N. Y., assignor to American Machine & Foundry Company. Bread slicing machine. 2,185,744; Jan. 2.
Beutel, Robert J., Brooklyn, N. Y., assignor to American Machine & Foundry Company. Continuous loaf feeding and timing device. 2,205,338; June 18.
Beutner, Reinhard, Philadelphia, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Dusting powder. 2,185,178; Jan. 2.
Bevan, John G., assignor to Guggenheim Brothers, New York, N. Y. Treating sewage. 2,202,135; May 28.
Beveridge, Robert A., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Radiant heat sensitive device. 2,191,640; Feb. 27.
Beverly, Frank, assignor of one-half to C. McClellan, Coleman, Tex. Screen for hammer mills. 2,225,095; Dec. 17.
Beyea, Frank H., Union Springs, N. Y. Salt block holder. 2,203,275; June 4.
Beyer, Albert W. D., Fredericksburg, Tex. Plow device for tractors. 2,225,253; Dec. 17.
Beyer, Ernst, and O. Fischer, assignors to Vereinigte Spielwarenfabriken Andreas Fortner & J. Haffner's Nachf., Nuremberg, Germany. Vehicle for electric toy railways. 2,199,329; Apr. 30.
Beyer, Ernst, and O. Fischer, assignors to Vereinigte Spielwaren-fabrieken Andreas Fortner & J. Hoffners Machf. G. m. b. H., Nuremburg, Germany. Toy electric railway. 2,223,905; Dec. 3.
Beyland, Sidney A., King George, Va., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Combined telephone and communicating key box. 2,199,686; May 7.
Beyrich, Guido. (See Bernhard, A., Beyrich, and Aron.)
Bezanson, Claude E., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Ribbon spool. 2,193,158; Mar. 12.
Bezault, Georges A. J., Juvisy-sur-Orge, France, assignor to Cartier, Inc., New York, N. Y. Lipstick and similar case. 2,209,147; July 23.
Bezault, Georges A. J., Juvisy-sur-Orge, France, assignor to Cartier, Inc., New York, N. Y. Cuff link. 2,209,148; July 23.
Bezzenberger, Frederick K., deceased, Shaker Heights, Ohio; M. F. Bezzenberger, executrix. Envelope and container sealing. 2,207,428; July 9.
Bezzenberger, Margaret F., executrix. (See Bezzenberger, Frederick K.)
Biach, John L., and H. A. Wilcox, New Haven, assignors to The Engineering and Research Corporation, East Norwalk, Conn. Traffic control system. 2,199,571; May 7.
Bialer, Irving, et al. (See Axelrod, Solomon, assignor.)
Bialk, Leo. (See Benecke, H., and Bialk.)
Bialostok, Joseph. (See Bialostok, Max, assignor.)
Bialostok, Max, Brooklyn, N. Y., assignor of one-half to J. Bialostok, Lebanon, Pa. Knitted glove and making the same. 2,185,720; Jan. 2.
Bianchi, Katherine, New York, N. Y. Bassinet. 2,197,333; Apr. 16.
Bibb, Carlisle H. (See Palmer, R. C., and Bibb.)
Bibbons, Francis E., assignor to Eli Lilly and Company, Indianapolis, Ind. Suppository. 2,191,139; Feb. 20.
Bible, John L., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Gravity meter clamp. 2,225,582; Dec. 17.
Bible, John L., Tulsa, Okla., and R. H. Ray, Houston, Tex., assignors to Stanolind Oil and Gas Company, Tulsa, Okla. Clamping device for force responsive element. 2,220,199; Nov. 5.
Bibus, Laurence H., Philadelphia, Pa. Amusement and exercising device. 2,198,987; Apr. 30.
Bice, Asbery. (See Garrison, C., and Bice.)
Bichon, Henry A., Paducah, Ky. Heater for liquids. 2,218,868; Oct. 22.
Bichowsky, Francis R., Ann Arbor, Mich., assignor to General Motors Corporation, Dayton, Ohio. Air conditioning. 2,199,967; May 7.
Bichowsky, Francis R., Ann Arbor, Mich., assignor, by mesne assignments, to General Motors Corporation. Refrigeration. 2,212,852; Aug. 27.
Bickel, Clifford A., and K. H. Wills, assignors to The Monarch Machine Tool Company, Sidney, Ohio. Lathe. 2,208,319; July 16.
Bickford, Ernest A., assignor to Wiley-Bickford-Sweet Corp., Worcester, Mass. Shoe. 2,195,915; Apr. 2.
Bickford, George, Lisbon, assignor to Farnsworth Mill, Lisbon Center, Maine. Automatic bunch builder. 2,204,786; June 18.
Bickle, Samuel E. (See Bush, T. R., and Bickle.)
Bickley, Everett H., Bala-Cynwyd, Pa. Electric resistance. 2,192,255; Mar. 5.
Bicknell, George M., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor structure. 2,213,036; Aug. 27.
Bicks, Jean W., Chicago, Ill., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Lavaliere. 2,194,379; Mar. 19.
Bicycle Built-In-Two, Inc., The. (See Rippenbein, Albert P., assignor.)
Biddinger, Edward W., Pontiac, Mich. Fishing device. 2,195,356; Mar. 26.
Biddle, A. G. W. (See McMillan, James O., assignor.)
Biddle, William C. (See Corbin, Elbert A., Jr., assignor.)
Biddle, William P., Jr., assignor to Knox Stove Works, Knoxville, Tenn. Burning gas. 2,224,133; Dec. 10.
Biddulph, Hugh W. (See Givens, J. H., Biddulph, and Rose.)
Bidoro Manufacturing Co. Inc. (See Callejo, Modesto, assignor.)
Bidwell, George E., Washington, D. C. Indicating electric lamp. 2,224,468; Dec. 10.
Bidwell, Lawrence L. (See Punte, W. F., and Bidwell.)

Biebel, Herman M., assignor to McGraw Electric Company, Elgin, Ill. Automatic toaster. 2,196,380; Apr. 9.
Bieber, Clarence G., Huntington, W. Va., assignor to The International Nickel Company, Inc., New York, N. Y. Electric resistance element. 2,188,399; Jan. 30.
Bieber, Clarence G., and M. P. Buck, Huntington, W. Va., assignors to The International Nickel Company, Inc., New York, N. Y. Age hardenable nickel alloys possessing hot workability. 2,213,198; Sept. 3.
Bieber, John, Redelm, assignor of forty-eight per cent to H. C. Silverman, Dupree, S. Dak. Trailer brake. 2,209,489; July 30.
Bieber, Otto. (See Bendorff, K., Bieber, and Dahnert.)
Bieber, Otto, Berlin-Lichterfelde, assignor to Typograph G. m. b. H., Berlin, Germany. Matrix setting and typeline-casting machine. 2,202,942; June 4.
Biederman, Edward G., assignor to General Motors Corporation, Detroit, Mich. Gang spot welder. 2,194,687; Mar. 26.
Biederman, Edward G., assignor to General Motors Corporation, Detroit, Mich. Projection welder. 2,210,056; Aug. 6.
Biederman, Joseph B., Cincinnati, Ohio. Respiratory filter. 2,219,801; Oct. 29.
Biedermann, Friedrich. (See Frost, P., and Biedermann.)
Biedermann, Friedrich, Unterhaching, near Munich, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Apparatus for the reversal of photographic negatives. 2,214,072; Sept. 10.
Biedermann, Robert. (See Schäfer, J., and Biedermann.)
Biedess, Anthony R., assignor to Goodman Manufacturing Company, Chicago, Ill. Mucking machine. 2,208,205; July 16.
Biedess, Anthony R., assignor to Goodman Manufacturing Company, Chicago, Ill. Mucking machine. 2,213,684; Sept. 3.
Biele, Harry M., Hollis, assignor to Associated Press, New York, N. Y. Photoelectric tube. 2,187,484; Jan. 16.
Biele, Harry M., Hollis, assignor to The Associated Press, New York, N. Y. Tubular phototube. 2,222,395; Nov. 19.
Bieler, Jacques L., Montreal, Quebec, Canada. Water heating and mixing installation. 2,213,895; Sept. 3.
Bielitz, Friedrich, Dessau-Ziebigk, assignor to Junkers Flugzeug-und-Motorenwerke A. G., Dessau, Germany. Connecting rod for engines. 2,193,120; Mar. 12.
Bienert, Berthold. (See Gassner, S., and Bienert.)
Bienert, Berthold, and S. Gassner, Leverkusen-I. G. Werk, Germany, assignors to General Aniline & Film Corporation. Phthalocyanine dyestuff. 2,213,517; Sept. 3.
Bierbach, Carl F., assignor to A. D. S. Corp., Newark, N. J. Direction indicating device for motor vehicles. 2,210,057; Aug. 6.
Bierbach, Charles B., assignor to Merwin Manufacturing Company, Erie, Pa. Sleeper anchor. 2,191,979; Feb. 27.
Bierbrauer, Ernst, Leoben, Austria, assignor to Metallgesellschaft A. G., Frankfort-on-the-Main, Germany. Mechanical separation of mixtures of substances, particularly coarse-grained mineral mixtures. 2,189,124; Feb. 6.
Bierbrauer, Ernst, Leoben, Austria, assignor of one-half to Metallgesellschaft A. G., Frankfort-on-the-Main, Germany. Mechanically separating mineral mixtures. 2,189,698; Feb. 6.
Bierce, Ernest C., Pasadena, Calif. Decolorizing oil. 2,211,489; Aug. 13.
Bierend, Alfred, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Co., East Pittsburgh, Pa. Blade ring fastening. 2,224,664; Dec. 10.
Bierer, John M. (See Smith, J. N., and Bierer.)
Bierma, Clyde E., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Abrading tool. 2,189,307; Feb. 6.
Bierman, Daniel H., Malverne, assignor to Petrometer Corporation, Long Island City, N. Y. Gauge. 2,217,609; Oct. 8.
Biernacki, Theodore, San Francisco, assignor to Pacific State Box and Basket Company, Los Angeles, Calif. Fastening device. 2,215,205; Sept. 17.
Biewen, John W., Fairfield, Iowa. Absorbent floor mat. 2,187,676; Jan. 16.
Bigalke, Alfred, Berlin-Karlshorst, Germany, assignor to General Electric Company. Electric protective system. 2,186,473; Jan. 9.
Bigelow, Frank B., assignor to Bigelow-Liptak Corporation, Detroit, Mich. Furnace wall. 2,223,400; Dec. 3.
Bigelow, Frank B., assignor to Bigelow-Liptak Corporation, Detroit, Mich. Furnace wall. 2,223,401; Dec. 3.
Bigelow, George E. (See Weis, A. R., and Bigelow.)
Bigelow, Leroy E., Manhattan Beach, Calif. Device for dry separation of precious metals from finely divided material. Re. 21,653; Dec. 10.
Bigelow-Liptak Corporation. (See Bigelow, Frank B., assignor.)
Bigelow, Loyal A., and J. S. Johnson, assignors to Container Patents, Inc., Chicago, Ill. Foldable container. 2,217,210; Oct. 8.
Bigelow, Maurice H., assignor to Plaskon Company, Incorporated, Toledo, Ohio. Lubricant for molding compositions. 2,193,670; Mar. 12.
Bigelow, Newell M. (See Dahlen, M. A., Bigelow, and Zwilgmeyer.)
Bigelow, Newell M., and J. E. Cole, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Blue sulphur dyes and manufacturing the same. 2,212,821; Aug. 27.
Bigelow, Roy S., assignor to Goodman Manufacturing Company, Chicago, Ill. Loading apparatus. 2,216,181; Oct. 1.
Bigelow-Sanford Carpet Co. (See Blom, Conrad C., assignor.)
Bigelow-Sanford Carpet Co. (See Dildilian, Ara T., assignor.)
Bigelow-Sanford Carpet Co. Inc. (See Blom, Conrad C., assignor.)
Bigelow-Sanford Carpet Co. Inc. (See Johnson, Charles R., assignor.)
Bigelow, William C. (See Gschwender, E., and Bigelow.)
Bigelow, William P., Stockton, Calif. Bottle washer. 2,191,513; Feb. 27.
Bigg, Henry T., and S. H. Sunderland, assignors to Percy Jones (Twinlock) Limited, Beckenham, England. Loose-leaf book and tray or baseboard for use therewith. 2,197,678; Apr. 16.
Biggert, Florence C., Jr., Crafton, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Press and drive therefor. 2,197,391; Apr. 16.
Biggs, Burnard S., Summit, N. J., and J. F. Weiler, Wilkinsburg, assignors to Carnegie Institute of Technology, Pittsburgh, Pa. Hydrogenation of coal. 2,215,206; Sept. 17.
Biggs and Company. (See Hughes, Charles G., assignor.)
Biggs, George D., assignor to Continental Oil Company, Ponca City, Okla. Grease demonstrating device. 2,221,731; Nov. 12.
Biggs, Ralph W., & Co. (See Weiner, Morris., assignor.)
Biggs, William C., Atlanta, Ga. Waybill. 2,211,532; Aug. 13.
Bigler, Robert H. (See Randolph, D. W., and Bigler.)
Bigler, Robert H. (See Schwartzwalder, K., and Bigler.)
Big Mc's Photosensin Mfg. Inc. (See Sellei, Josef, assignor.)
Bigourdan, Pierre E. (See Souviron, P. F. J., Bigourdan, and Bebin.)
Bigwood, Clifton, assignor to The L. S. Starrett Company, Athol, Mass. Inside micrometer attachment. 2,199,236; Apr. 30.
Bigwood, Clifton G., assignor to The L. S. Starrett Company, Athol, Mass. Adjustable locking multileaf gauge. 2,217,648; Oct. 8.
Bihaly, Ludwig, London, England, assignor to Trubenizing Process Corporation, New York, N. Y. Collar. 2,186,356; Jan. 9.
Bihaly, Ludwig, London, England, assignor to Trubenizing Process Corporation, New York, N. Y. Interlining fabric. 2,186,357; Jan. 9.
Bihler, Walter G., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Piercing machine or the like. 2,202,894; June 4.
Bihuber, E., Inc. (See Zutavern, P., and Metzger, assignors.)
Bijur, George, executor. (See Bijur, Joseph.)
Bijur, Joseph, deceased, by G. Bijur, executor, New York, N. Y., assignor, by mesne assignments, to Auto Research Corporation. Lubricating installation. 2,192,176; Mar. 5.
Bijur, Joseph, deceased, by G. Bijur, executor, New York, N. Y.; said J. Bijur assignor, by mesne assignments, to Auto Research Corporation. Lubrication. 2,196,970; Apr. 16.
Bijur, Joseph, deceased, by G. Bijur, executor, New York, N. Y., assignor to Auto Research Corporation. Lubrication. 2,197,247; Apr. 16.
Bijur, Joseph, deceased, by G. Bijur, New York, N. Y., executor, assignor to Auto Research Corporation. Lubrication. 2,213,951; Sept. 10.
Bijur, Joseph, deceased, by G. Bijur, executor, New York, N. Y., assignor to Auto Research Corporation. Lubrication. 2,219,290; Oct. 29.
Bik, Machiel, Johannesburg, Transvaal, Union of South Africa. Automatic change speed gear of the epicyclic type. 2,206,936; July 9.
Bild, Carl B. (See Smith, H. J., and Bild.)
Bilde, Tord E. D., assignor to Bolinders Fabriks Aktiebolag, Stockholm, Sweden. Dish-washing machine. 2,201,284; May 21.
Bilde, Tord E. D., assignor to Bolinders Fabriks Aktiebolag, Stockholm, Sweden. Dishwashing machine. 2,218,869; Oct. 22.
Bilderbeck, James L., Newberry, Fla. Rotary pump. 2,195,834; Apr. 2.
Bilderbeck, James L., Newberry, Fla. Rotary pump. 2,195,835; Apr. 2.
Bilgart, Eric E., Oak Park, Ill. Electromagnetic mechanism. 2,189,934; Feb. 13.
Bilger, Elwood W. (See Ferry, Frank, assignor.)
Bilhuber, E., Inc. (See Hildebrandt, Gustav, assignor.)
Bilhuber, E., Inc. (See Mothes, Werner, assignor.)
Biller, David J., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Shielded lens. 2,223,841; Dec. 3.
Biller, Hans, Nuremberg, Germany. Moving toy. 2,222,648; Nov. 26.
Billheimer, Edward C. (See Nitardy, F. W., and Billheimer.)

Billig, Kurt, Frankfort-on-the-Main-Hochst, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Aqueous solutions and preparing them. 2,209,897; July 30.
Billig, Philip J., Brooklyn, N. Y., assignor to Breeze Corporations, Inc., Newark, N. J. Fuel tank for airplanes. 2,195,074; Mar. 26.
Billing, Noel P., London, England. Photographic camera. 2,192,394; Mar. 5.
Billing, Wyly M., Kennett Square, Pa., assignor to Hercules Powder Company, Wilmington, Del. Permanently stiffened collar and the like. 2,187,848; Jan. 23.
Billings, Edith, et al. (See Billings, Everett W., Jr., assignor.)
Billings, Everett W., Sr., et al. (See Billings, Everett W., Jr., assignor.)
Billings, Everett, W., Jr., assignor of one-third to E. W. Billings, Sr., and one-third to E. Billings, Los Angeles, Calif. Erasing and numbering machine. 2,207,966; July 16.
Billings, Fred F., Laconia, N. H. Polishing roll. 2,212,060; Aug. 20.
Billings, Harry A., assignor to Draper Corporation, Hopedale, Mass. Shuttle. 2,225,245; Dec. 17.
Billings, Howard J., South Acton, H. A. Buron, Cambridge, Mass., and J. Petty, assignors to Florence Pipe Foundry & Machine Company, Florence, N. J. Protective coating of metal pipe and the like. 2,196,172; Apr. 9.
Billker, Fredrick W., and H. J. Tapper, assignors to Milwaukee Saw Trimmer Corporation, Milwaukee, Wis. Angle gauge. 2,195,557; Apr. 2.
Billker, Fredrick W., and H. J. Tapper, assignors to Milwaukee Saw Trimmer Corporation, Milwaukee, Wis. Slug resurfacer. 2,224,335; Dec. 10.
Billman, George C. (See Strasburg, J. L., Livingston, and Billman.)
Billman, Loyde M., Washington, D. C., and A. E. De Groot, Arlington, Va., assignors to Henry A. Wallace, as Secretary of Agriculture and his successors in office. Maturity testing device. 2,209,020; July 23.
Billstein, Arthur E. F., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Rail flaw detecting method and apparatus. 2,218,784; Oct. 22.
Bilodeau, Joseph, et al. (See Leblanc, Henri, assignor.)
Bilton, Robert A., Royal Oak, Mich. Electrical conductor. 2,186,319; Jan. 9.
Binch, Arthur H., Lowdham, assignor to William Rhodes Limited, Leeds, England. Production of wire clips and the like. 2,222,220; Nov. 19.
Binder, Charles G., Merchantville, and L. H. Plum, Collingswood, assignors to Warren Webster & Company, Camden, N. J. Electrical control apparatus. 2,219,147; Oct. 22.
Binder, John M., New Hyde Park, assignor of one-half to Carvin Bottle Cap Corp., New York, N. Y. Cork rod forming machine and the like. 2,190,859; Feb. 20.
Binder, John M., New Hyde Park, assignor to Consolidated Cork Corporation, New York, N. Y. Cork cutting machine. 2,196,288; Apr. 9.
Binder, Richard, Schweinfurt, Germany. Shock absorber, especially for motor vehicles. 2,212,259; Aug. 20.
Bindernagel, Hermann, Erfurt, Germany. Float actuated valve mechanism. 2,210,331; Aug. 6.
Bing, Joseph M., New York, N. Y. Automatic exposure meter. 2,195,640; Apr. 2.
Bing, Joseph M., New York, N. Y. Photographic exposure control. 2,201,606; May 21.
Bing, Julius, and O. Block, Berlin, Germany, assignors to Karl Otto Goettsch, Silvahof, Bern, Switzerland. Magnetic clamping appliance. 2,209,558; July 30.
Bingham, Charles R., Davenport, Iowa. Double-acting assignor.)
Bingham Pump Company. (See Blom, C., and Edwards, assignors.)
Bingham's, Sam'l, Son Mfg. Co. (See Wanner, William, door and fastening. 2,216,609; Oct. 1.
Bingley, Frank J., assignor, by mesne assignments, to Philco Radio and Television Corporation, Philadelphia, Pa. Signal-deriving circuit. 2,226,459; Dec. 24.
Bingman, Frederick P., Birmingham, assignor to The R. C. Mahon Company, Detroit, Mich. Air cleaner. 2,191,187; Feb. 20.
Bingman, Frederick P., Birmingham, assignor to The R. C. Mahon Company, Detroit, Mich. Industrial washer. 2,207,452; July 9.
Biniek, Georg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, Berlin, Germany. Electrolytic condenser. 2,198,988; Apr. 30.
Binkley Manufacturing Company. (See Brace, Edwin T., assignor.)
Binkowski, Andrew, Lansing, Mich. Fishhook release trigger. 2,223,946; Dec. 3.
Binks Manufacturing Company. (See Bramsen, S., and Wahlin, assignors.)
Binks Manufacturing Company. (See Erikson, H., and Harker, assignors.)
Binney, Eric A. (See Baston, C. E., and Binney.)
Binney, Eric A., Ilkley, H. S. Pound-Corner, and H. B. Sedgfield, Bradford, assignors to The English Electric Company Limited, London, England. Electric motor control system. 2,214,604; Sept. 10.
Binney, Eric A., Ilkley, H. S. Pound-Corner, and H. B. Sedgfield, Bradford, assignors to The English Electric Company, Limited, London, England. Electric motor control system. 2,214,605; Sept. 10.
Binney, Eric A., Ilkley, H. S. Pound-Corner, and H. B. Sedgfield, Bradford, assignors to The English Electric Company, Limited, London, England. Motor control system. 2,214,606; Sept. 10.
Binney & Smith Co. (See Vogel, Max R., assignor.)
Binney & Smith Company, et al. (See Wilsnack, George C., assignor.)
Binns, Arthur, assignor to W. & T. Avery Limited, Soho Foundry, Birmingham, England. Electric switch control means. 2,191,335; Feb. 20.
Binns, George W. (See Dall, A. H., and Binns.)
Binns, George W., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Process and apparatus for finishing preground articles. 2,224,423; Dec. 10.
Binns, George W., and B. A. Kearns, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Centerless bar grinder machine. 2,211,685; Aug. 13.
Binns, Henry M. S. (See Rollman, M., Maddox and Binns.)
Binns, William, Bradford, England. Production of rubber or rubberlike masses from latex. 2,226,517; Dec. 24.
Binon, Georges, Paris, France, assignor to W. and W. J. Grumbacher, copartners doing business as M. Grumbacher, New York, N. Y. Dispenser for liquids. 2,185,288; Jan. 2.
Bins, Frank M., Butte, Mont. Suspending ventilation tubing. 2,222,497; Nov. 19.
Binz, Arthur, Berlin-Grunewald, and O. von Schickh, Ludwigshafen-on-the-Rhine, Germany, assignors to Schering Corporation, Bloomfield, N. J. Amino pyrido-pyridines and making the same. 2,226,111; Dec. 24.
Bio Reduction Corporation. (See Roeder, George H., assignor.)
Biolite Incorporated. (See Kaufman, Alfonse, assignor.)
Birch, William T., Chicago, Ill. Pump valve. 2,197,606; Apr. 16.
Birch, William T., Chicago, Ill. Relief valve. 2,205,463; June 25.
Birchard, Wayne E. (See Mclachlan, W. J., and Birchard.)
Bircher, Co., Inc., The. (See Lawrence, Leon W., assignor.)
Birchfield, Grover C., Chicago, Ill. Athletic shoe cleat. 2,185,397; Jan. 2.
Birchfield, Roy R., Shreveport, La. Tire pressure indicator. 2,218,143; Oct. 15.
Bird, Edward S., assignor to Reed-Prentice Corporation, Worcester, Mass. Die casting machine. 2,185,625; Jan. 2.
Bird, Harvey L., Ann Arbor, Mich. Apparatus for dispensing loose salt in measured quantities into cans or the like. Re. 21,453; May 21.
Bird, Hobart M., Portland, Oreg. Dredge bucket operation. 2,191,448; Feb. 27.
Bird, Hobart M., Portland Oreg. Dredge bucket. 2,195,404; Apr. 2.
Bird, James P., and F. B. Schaffer, Kansas City, Mo. Threading device. 2,213,379; Sept. 3.
Bird, Katherine, Detroit, Mich. Basting scoop. 2,189,483; Feb. 6.
Bird, Len O. (See Brodersen, M. M., and Bird.)
Bird, Len O., Glendale, and E. P. Drake, Los Angeles, Calif.; said Drake assignor to said Bird. Hydraulic control for trail builder. 2,185,179; Jan. 2.
Bird Machine Co. (See Lindequist, Charles J., assignor.)
Bird, Paul G., Western Springs, Ill. Water treatment. 2,220,950; Nov. 12.
Bird, Paul G., Western Springs, and R. M. Waters, Chicago, Ill. Prevention of corrosion. 2,194,491; Mar. 26.
Bird & Son. (See Graham, J. E., and Lines, assignors.)
Bird & Son, Inc. (See Graham, J. E., and Lines, assignors.)
Bird & Son, Inc. (See Studley, Gerard L., assignor.)
Birdsboro Steel Foundry and Machine Company. (See Laussucq, Henri P. L., assignor.)
Birdsell Corporation, The. (See Beckman, William R., assignor.)
Birdseye, Clarence, assignor, by mesne assignments, to Birdseye Electric Corporation, Gloucester, Mass. Reflecting electric lamp. 2,219,510; Oct. 29.
Birdseye, Clarence, assignor, by mesne assignments, to Birdseye Electric Corporation, Gloucester, Mass. Reflecting electric lamp. 2,221,629; Nov. 12.
Birdseye, Clarence, and P. Deren, assignors, by mesne assignments, to Birdseye Electric Corporation, Gloucester, Mass. Reflecting electric lamp. 2,204,399; June 11.
Birdseye Electric Corporation. (See Birdseye, Clarence, assignor.)
Birdseye Electric Corporation. (See Birdseye, C., and Deren, assignors.)
Birdseye Electric Corporation. (See Deren, Pincus, assignor.)
Birdseye Electric Corporation. (See Gould, Clarence W., assignor.)
Birdseye Electric Corporation. (See Macksoud, Michel E., assignor.)
Birdseye Electric Corporation. (See Swanson, Kenneth P., assignor.)

Bireley, Arthur W., Fort Wayne, Ind., assignor to General Electric Company. Refrigerated display case. 2,219,912; Oct. 29.
Bireley's Incorporated. (See Fry, Lawrence A., assignor.)
Birk, William C., Baraga, Mich., assignor to J. Q. Shunk, Bucyrus, Ohio. Scarifying blade. 2,221,906; Nov. 19.
Birkenmaier, Theodore, assignor to W. N. Matthews Corporation, St. Louis, Mo. Fuse switch. 2,199,908; May 7.
Birkenmaier, Theodore, assignor to W. N. Matthews Corporation, St. Louis, Mo. Fuse. 2,208,407; July 16.
Birkhead, Beckman, Stanard & Vance. (See Browning, James E.)
Birkhead, Claude V., et al. (See Browning, James E., assignor.)
Birkhofer, John J., Newark, assignor to The Kroydon Co. Inc., Maplewood, N. J. Ski pole construction. 2,204,469; June 11.
Birkigt, Louis, Versoix, near Geneva, Switzerland. Cooling system for piston engines. 2,190,394; Feb. 13.
Birkigt, Marc, Bois-Colombes, France. Automatic firearm. 2,199,871; May 7.
Birkigt, Marc, Bois-Colombes, France. Automatic firearm. 2,199,872; May 7.
Birman, Isidore, Peekskill, N. Y. Sash lock. 2,190,205; Feb. 13.
Birmann, Rudolph, assignor to Turbo Engineering Corporation, New York, N. Y. Turbosupercharger mounting. 2,216,731; Oct. 8.
Birmingham, Donald G., Aberdeen, assignor to Harbor Plywood Corporation, Hoquiam, Wash. Spray coating apparatus. 2,217,724; Oct. 15.
Birmingham, Raymond A., Buena Vista, assignor of one-third to T. B. Shackford, and one-third to H. H. Chittum, Lexington, Va. Rail and wheel lubricating mechanism. 2,201,133; May 21.
Birmingham Small Arms Company Limited. (See Blagden, W. M., and Perkins, assignors.)
Birmingham Small Arms Company Limited, The. (See Faulkner, H. A., and Wackrow, assignors.)
Birmingham Small Arms Company Limited, The. (See Perkins, Herbert, assignor.)
Birmingham Small Arms Company Limited, The. (See Tait, J. N. H., and Blagden, assignors.)
Birr, Rudolph G., Lombard, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Stop mechanism for dispensing devices. 2,186,798; Jan. 9.
Birr, Rudolph G., Lombard, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel dispensing time-stop mechanism. 2,193,759; Mar. 12.
Birr, Rudolph G., Lombard, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel dispensing time-stop mechanism. 2,215,953; Sept. 24.
Birrell, James, Santa Barbara, Calif. Orchard heating apparatus. 2,217,536; Oct. 8.
Birt, Howard B., and W. C. Pritchard, Muncie, Ind., assignors to General Motors Corporation, Detroit, Mich. Expander for storage batteries. 2,217,786; Oct. 15.
Birt, Howard B., W. C. Pritchard, and R. A. Daily, Muncie, Ind., assignors to General Motors Corporation, Detroit, Mich. Addition agent for storage battery paste. 2,217,787; Oct. 15.
Birtman Electric Company. (See Sparklin, Charles H., assignor.)
Bisberg, Nathan, assignor to Leona Undergarment Co., Inc., New York, N. Y. Undergarment for women. 2,227,214; Dec. 31.
Bisbing, Charles F., and H. D. Stone, Chicago, Ill. Umbrella robe. 2,221,366; Nov. 12.
Bischof, Bernhard, Kiel, assignor of one-half to Wilhelm Poppe Aktiengesellschaft, Kiel-Pries, Germany. Hydraulic transmission gear. 2,220,636; Nov. 5.
Bischoff, Kurt, and K. Silbermann, Erlangen, assignors to the firm Siemens-Reiniger-Werke Aktiengesellschaft, Berlin, Germany. X-ray apparatus. 2,217,939; Oct. 15.
Bischoff, Ludwig, Brooklyn, assignor to Oneida Paper Products, Inc., New York, N. Y. Machine for making satchel-bottom bags. 2,192,177; Mar. 5.
Bischoff, Robert, assignor to S. Morgan Smith Company, York, Pa. Fluid operated mechanism. 2,227,055; Dec. 31.
Bish, Raymond H. (See Nichols, C. A., and Bish.)
Bishelany, Elias C., Brooklyn, N. Y. Combination sanitary device. 2,200,531; May 14.
Bishop & Babcock Mfg. Company, The. (See Mayo, Edward L., assignor.)
Bishop, Barton P., Houston, Tex. Apparatus for logging holes while drilling. 2,214,786; Sept. 17.
Bishop, Claude R., Niagara Falls, N. Y., assignor to Haynes Stellite Company. Nickel base alloy. 2,222,471; Nov. 19.
Bishop, Claude R., Niagara Falls, N. Y., assignor to Haynes Stellite Company. Corrosion resistant nickel base alloy. 2,222,472; Nov. 19.
Bishop, Claude R., Niagara Falls, N. Y., assignor to Haynes Stellite Company. Corrosion resistant nickel base alloy. 2,222,473; Nov. 19.
Bishop, Claude R., Niagara Falls, N. Y., assignor to Haynes Stellite Company. Nickel base alloy. 2,222,474 Nov. 19.
Bishop, Edwin L., Birmingham, England. Apparatus for manufacture of cardboard and like boxes. 2,220,390; Nov. 5.
Bishop, Frederic L., Fox Chapel Manor, and C. S. Shoemaker, Jeannette, assignors to American Window Glass Company, Pittsburgh, Pa. Manufacture of laminated glass. 2,214,158; Sept. 10.
Bishop, Frederic L., Fox Chapel Manor, R. H. Du Bois, and P. Finnegan, Jeannette, assignors to American Window Glass Company, Pittsburgh, Pa. Manufacture of laminated glass. 2,221,367; Nov. 12.
Bishop, Frederic L., Jr., Jeannette, assignor to American Window Glass Company, Pittsburgh, Pa. Glass cleaning fluid and the manufacture thereof. 2,200,354; May 14.
Bishop, G. F., San Francisco, Calif., and A. F. Moyer, Minneapolis, Minn., assignors, by mesne assignments, to Toro Manufacturing Corporation of Minnesota. Power gang and lawn mower. 2,204,244; June 11.
Bishop, George D., assignor to Crown Paper Company, Sanford, Fla. Fruit and vegetable package. 2,202,616; May 28.
Bishop, J. Paul, Clarendon Hills, Ill., assignor to Corn Products Refining Company, New York, N. Y. Stencil coating compound and making the same. 2,194,291; Mar. 19.
Bishop, J Paul, Clarendon Hills, and F. L. Tucker, Summit, Ill., assignors, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Making monosodium glutamate from gluten. 2,214,115; Sept. 10.
Bishop, Leonard J., assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Conveyer system. 2,187,073; Jan. 16.
Bishop, Lewis, Arcadia, Fla. Link cable drive. 2,223,906; Dec. 3.
Bishop, Richard E., South Orange, N. J., assignor to A. C. Horn & Company, Long Island City, N. Y. Sealing conduits. 2,202,617; May 28.
Bishop, Richard E., South Orange, N. J., assignor to A. C. Horn & Company, Long Island City, N. Y. Sealing joints. 2,210,138; Aug. 6.
Bishop, Roy, Cleveland, and W. S. Ferguson, Cleveland Heights, Ohio. Game device. 2,215,261; Sept. 17.
Bishop, William T., assignor to Hercules Powder Company, Wilmington, Del. Production of an alkali metal salt of a mono-alkyl trithiocarbonate. 2,197,964; Apr. 23.
Bispham, William N., and J. C. Bell, Baltimore, Md. Method and apparatus for treating sewage. 2,220,859; Nov. 5.
Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Grounding fitting. 2,216,309; Oct. 1.
Bissell Carpet Sweeper Company. (See Pullen, Fred W., assignor.)
Bissell, William T., assignor to Journal Box Servicing Corporation, Indianapolis, Ind. Barrel truck. 2,196,822; Apr. 9.
Bisson, Louis A. (See Boysen, Louis K., assignor.)
Biszantz, Fred, assignor to The Galion Metallic Vault Company, Galion, Ohio. Base for air sealed vaults. 2,188,524; Jan. 30.
Biszantz, Fred, assignor to The Galion Metallic Vault Company, Galion, Ohio. Grave vault. 2,188,525; Jan. 30.
Biszantz, Fred, assignor to The Galion Metallic Vault Company, Galion, Ohio. Vehicle. 2,188,548; Jan. 30.
Biszantz, Fred, assignor to The Galion Metallic Vault Company, Galion, Ohio. Tail gate hook. 2,211,195; Aug. 13.
Bitgood, Robert E., Hope Valley, R. I. Vehicle fuel tank cap lock. 2,205,712; June 25.
Bitler, William T., J. R. Bower, and R. P. McBride, Berwick, Pa., assignors to American Car and Foundry Company, New York, N. Y. Portable spot-welding machine. 2,190,692; Feb. 20.
Bitner, Ralph E., Port Washington, N. Y. Sterilizer. 2,189,279; Feb. 6.
Bitner, Ralph E., New York, N. Y. Catadioptrical lens. 2,215,900; Sept. 24.
Bitner, Ralph E., New York, N. Y. Catadioptrical lens system. 2,224,178; Dec. 10.
Bitney, Dewey H., assignor to Union Steel Products Company, Albion, Mich. Pavement joint assembly unit. 2,192,570; Mar. 5.
Bitney, Dewey H., assignor to Union Steel Products Company, Albion, Mich. Joint and dowel assembly unit. 2,192,571; Mar. 5.
Bitney, Dewey H., assignor to Union Steel Products Company, Albion, Mich. Hose holder or rack. 2,222,831; Nov. 26.
Bitterich, Fritz, Hanover, Germany, assignor to Reichhold Chemicals, Inc., Detroit, Mich. Rubberlike products and making them. 2,211,048; Aug. 13.
Bittermann, Ferdinand J. (See Bernstein, W. F., and Bittermann.)
Bittick, James E., Fort Myers, assignor of forty-five one-hundredths to E. S. Davies, Tampa, and ten one-hundredths to J. A. Franklin, Fort Myers, Fla. Portable booth. 2,188,747; Jan. 30.
Bittner, John M., assignor of one-third to H. S. Ingraham, Barnes City, and one-third to H. E. Bryan, Montezuma, Iowa. Plow point. 2,212,147; Aug. 20.
Bittner, Leroy S., Elysburg, Pa. Hydraulic brake system. 2,185,535; Jan. 2.
Bittson, Anthony J., New York, assignor to S. B. Gahm, New York, N. Y. Fan. 2,208,243; July 16.
Bivens, Maurice E., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuit. 2,227,120; Dec. 31.

Bixby, Kenneth R., Canton, Ill. Screen. 2,208,448; July 16.
Bixby, Leo A., Berrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Gear shifting means. 2,205,589; June 25.
Bixby, Walter. (See Hathaway, E. F., and Bixby.)
Bixler, Alvin P. (See Taylor, D. D., and Bixler.)
Bixler, Alvin P., New Buffalo, Pa. Bread slicer. 2,206,154; July 2.
Bixler, Harley H., Schenectady, N. Y., assignor to General Electric Company. Pressure relief means. 2,222,703; Nov. 26.
Bjong, Leo V., Brooklyn, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Sealing means for indicating instrument casings. 2,215,537; Sept. 24.
Björk, Elis, Brooklyn, N. Y. Ski. 2,225,293; Dec. 17.
Björklund, Gustav Erik. (See Dalén, G., and Björklund.)
Björkman, Gustaf E., Saltsjo-Nacka, Sweden, assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,200,769; May 14.
Björkman, Gustaf E., Saltsjo-Nacka, Sweden, assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,219,802; Oct. 29.
Björkman, Gustaf E., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,221,630; Nov. 12.
Bjorksten, Johan. (See Champion, W. J., and Bjorksten.)
Bjorksten, Johan, Chicago, Ill. Plant growth stimulant. 2,205,807; June 25.
Bjorksten, Johan, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating band. 2,191,514; Feb. 27.
Bjorksten, Johan, assignor to Ditto, Incorporated, Chicago, Ill. Increasing fading resistance of dyestuffs. 2,222,973; Nov. 26.
Bjorksten, Johan, Chicago, and W. J. Champion, La Grange, assignors to Ditto, Incorporated, Chicago, Ill. Nonsmudging transfer sheet. 2,188,590; Jan. 30.
Bjornson, Bjorn G. (See Barney, H. L., Bjornson, and Curtis.)
Bjornson, Ingvard, New York, N. Y. Pie dish. 2,226,155; Dec. 24.
Blache, Hans H., and F. E. Rebbeck, Belfast, Ireland. Lubricating and cooling system for bearings and pistons. 2,193,684; Mar. 12.
Blachly, Fred E., West Chester, Pa., assignor to The Sharples Corporation. Separation of oil from wax. 2,220,200; Nov. 5.
Black, Benjamin, Brooklyn, N. Y. Hair curler. 2,200,590; May 14.
Black, Blanton E., Atlanta, Ga., assignor of one-half to J. F. De Villard. Air conditioning apparatus. 2,219,029; Oct. 22.
Black, Charles E., Hamilton, Kans. Pump trap. 2,188,425; Jan. 30.
Black, Clarence H., assignor to Reed Roller Bit Company, Houston, Tex. Drill bit. 2,212,727; Aug. 27.
Black-Clawson Company, The. (See Baxter, Joseph, Jr., assignor.)
Black-Clawson Company, The. (See Kutter, Herman L., assignor.)
Black-Clawson Company, The. (See Staege, Stephen A., assignor.)
Black, Crayton K. (See Lang, J. W., and Black.)
Black, Crayton K. (See Lubs, H. A., and Black.)
Black & Decker Electric Company, The. (See Cole, James D., assignor.)
Black & Decker Electric Company, The. (See Rabatin, Paul, assignor.)
Black & Decker Electric Company, The. (See Spielman, Milton H., assignor.)
Black & Decker Limited. (See McCartney, Frederick W., assignor.)
Black & Decker Manufacturing Company, The. (See Rentzell, Robert P., assignor.)
Black & Decker Manufacturing Company, The. (See Wilhide, Glenn C., assignor.)
Black, Donald H., London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Electron discharge device. 2,199,278; Apr. 30.
Black, Donald H., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Relaxation oscillator. 2,213,855; Sept. 3.
Black, Floyd C. (See Gebert, A. E., Richardson, and Black.)
Black, Floyd C. (See Richardson, M. H., Black, and Gebert.)
Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,196,173; Apr. 9.
Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave translation system. 2,209,955; Aug. 6.
Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave amplification. 2,223,506; Dec. 3.
Black, Harry F. (See Bruker, H. W., and Black.)
Black, Harry L. (See Carmichael, Andrew R., assignor.)
Black, Homer H. (See Papin, J. E., and Black.)
Black, Irving E., Brooklyn, and H. Jacobstein, New Rochelle, N. Y.; Said Black assignor to said Jacobstein. Cigar box or container and making same. 2,200,256; May 14.
Black, James J., assignor to The Trailer Company of America, Cincinnati, Ohio. Truck or trailer front construction. 2,185,961; Jan. 2.
Black, James J., assignor to The Trailer Company of America, Cincinnati, Ohio. Semitrailer prop actuating mechanism. 2,190,373; Feb. 13.
Black, James J., assignor to The Trailer Company of America, Cincinnati, Ohio. Trailer truck body. 2,223,778; Dec. 3.
Black, John P., Amarillo, Tex. Lawn edging plow and trimmer. 2,209,946; Aug. 6.
Black, Lawrence F., Washington, D. C. Localizing foreign bodies. 2,192,887; Mar. 12.
Black, Robert, Jr., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Intelligence transmitting circuit. 2,208,206; July 16.
Black, Rowland J., assignor to Houde Engineering Corporation, Buffalo, N. Y. Automobile heating structure. 2,207,776; July 16.
Black, William A., Lake Lucerne, and F. M. Darner, Shaker Heights, assignors, by mesne assignments, Republic Steel Corporation, Cleveland, Ohio. Apparatus for use in welding. 2,189,339; Feb. 6.
Black, Willy, Berlin-Halensee, Germany, assignor to General Electric Company. Hydraulic gear of the Föttinger type. 2,226,801; Dec. 31.
Black, Willy, Berlin-Halensee, Germany, assignor to General Electric Company. Hydraulic coupling for vehicles. 2,226,802; Dec. 31.
Blackburn, Claude E., assignor to J. M. Huber Corporation, Borger, Tex. Apparatus for testing oil and gas wells. 2,190,250; Feb. 13.
Blackburn, Felix, Feeding Hills, Mass. Gripping device. 2,201,285; May 21.
Blackburn, George, and Sons Limited. (See Start, Harry W. and E., assignors.)
Blackburn, George, and Sons Limited. (See Towers, Ernest J., assignor.)
Blackburn, Jasper, Webster Groves, Mo. Wire splicer. 2,210,058; Aug. 6.
Blackburn, Jasper, Webster Groves, Mo. Tool for connecting service and main lines. 2,220,314; Nov. 5.
Blackburn, Jasper, Webster Groves, Mo. Wire connector. 2,222,998; Nov. 26.
Blackburn, Philip W., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Crater lamp as a spotlight. 2,190,308; Feb. 13.
Blackburn, Reginald. (See Brislee, F. J., and Blackburn.)
Blackhawk Mfg. Co. (See Mandl, Siegmund, assignor.)
Blackhawk Mfg. Co. (See Pfauser, Edward M., assignor.)
Blackmer Pump Company. (See Chapman, E. W., and Brunson, assignors.)
Blackmon, Delbert C., Olean, N. Y. Electric cord plug and receptacle. 2,207,477; July 9.
Blackmore, Lloyd, Detroit, and H. D. Seelinger, Highland Park, assignors to General Motors Corporation, Detroit, Mich. Fluid sealing device. 2,207,371; July 9.
Blackmore, Paul O., Cincinnati, Ohio, assignor to Interchemical Corporation, New York, N. Y. Coating machine. 2,213,117; Aug. 27.
Blackmore, William, Cleveland Heights, assignor to National Malleable and Steel Casting Company, Cleveland, Ohio. Journal box. 2,208,658; July 23.
Blackmore, William, Cleveland Heights, assignor to National Malleable and Steel Casting Company, Cleveland, Ohio. Journal box. 2,213,575; Sept. 3.
Blackstone & Company Limited. (See Hill, H. E., and Burbridge, assignors.)
Blackstone Machinery Co. (See Scott, Roger M., assignor.)
Blackstone Manufacturing Company. (See Conterman, Fred A., assignor.)
Blackwell, Francis O., Jr. (See Knox, S. L. G., and Blackwell.)
Blaesser, Clarence E., et al. (See Ackerman, Edward L., assignor.)
Blaettler, Paul X. (See Ferla, John, assignor.)
Blaetz, Harry M., Haddonfield, N. J., assignor to The Curtis Publishing Company, Philadelphia, Pa. Manufacture of electrotype printing plates. 2,220,671; Nov. 5.
Blagden, William M. (See Tait, J. N. H., and Blagden.)
Blagdon, William M., Farnborough, and H. Perkins, Solihull, assignors to Birmingham Small Arms Company Limited, Birmingham, England. Transmission mechanism for motor vehicles. 2,219,249; Oct. 22.
Blain, Albert, Philadelphia, Pa., assignor to Radio Corporation of America. Radio apparatus. 2,203,811; June 11.
Blain, Albert, Philadelphia, Pa., assignor to Radio Corporation of America. Cathode ray deflecting device. 2,207,777; July 16.
Blair, Benton W., et al. (See Blair, Farnham, assignor.)
Blair, Charles M., Jr. (See De Groote, M., Keiser, and Blair.)
Blair, Charles M., Jr., Webster Grooves, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and manufacturing same. 2,216,310; Oct. 1.

Blair, Charles M., Jr., Webster Groves, Mo., and I. S. Boydstun, Fort Worth, Tex., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Sweetening hydrocarbon oils. 2,208,505; July 16.
Blair, Charles M., Jr., Webster Groves, Mo., and I. S. Boydstun, Fort Worth, Tex., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Sweetening hydrocarbon oils. 2,208,506; July 16.
Blair, Charles M., Jr., Webster Groves, Mo., and I. S. Boydstun, Fort Worth, Tex., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Sweetening hydrocarbon oils. 2,208,507; July 16.
Blair, Charles M., Jr., Webster Groves, Mo., and I. S. Boydstun, Fort Worth, Tex., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Sweetening hydrocarbon oils. 2,208,508; July 16.
Blair, Charles M., Jr., Webster Groves, Mo., and I. S. Boydstun, Fort Worth, Tex., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Sweetening hydrocarbon oils. 2,208,509; July 16.
Blair, Charles M., Jr., Webster Groves, Mo., and I. S. Boydstun, Fort Worth, Tex., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Sweetening hydrocarbon oils. 2,208,510; July 16.
Blair, Farnham, Washington, D. C., assignor of twenty-five per cent to J. C. Blair, New York, N. Y., and twenty-five per cent to B. W. Blair, Fleetwood, N. Y. Fastening
Blair, Herman E., Grand Rapids, Mich. Automobile bumper mounting. 2,188,142; Jan. 23.
Blair, James H., Staten Island, assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Dental hand piece. 2,188,426; Jan. 30.
Blair, James S., Maywood, Ill., assignor to American Can Company, New York, N. Y. Color stabilization of green vegetables. 2,186,003; Jan. 9.
Blair, James S., Maywood, Ill., assignor to American Can Company, New York, N. Y. Color stabilization of green vegetables. 2,189,774; Feb. 13.
Blair, John C., et al. (See Blair, Farnham, assignor.)
Blair, Robert S., Stamford, Conn. Pipe construction. 2,205,553; June 25.
Blair, Rolandis A., Columbia City, Ind. Rail anchor. 2,217,040; Oct. 8.
Blair, Russel M. (See Jarvis, K. W., and Blair.)
Blair, William R., Oceanport, N. J. Directive antenna array. 2,196,187; Apr. 9.
Blake, Douglas, Harvey, La. Dustpan. 2,197,918; Apr. 23.
Blake, Frank N., North Adams, Mass. Pipe finder. 2,192,765; Mar. 5.
Blake, George W., Wyandotte, Mich. Heat generator. 2,226,423; Dec. 24.
Blake, Harold D., Cleveland Heights, Ohio, assignor to General Electric Company. Lamp holder. 2,200,978; May 14.
Blake, Kenneth R., Detroit, Mich. Ignition control apparatus. 2,196,693; Apr. 9.
Blake, Kenneth R., Grosse Pointe, and A. L. Bunting, Detroit, Mich. Liquid cooling means and container therefor. 2,185,799; Jan. 2.
Blake Manufacturing Corporation. (See Officer, W. J., and Wood, assignors.)
Blake Manufacturing Corporation. (See Wood, Orville T., assignor.)
Blake, Reginald, et al., administrators. (See de la Cierva, Juan.)
Blake, Winchester G., Woodside, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,217,788; Oct. 15.
Blakely, Robert, Ridgewood, N. J., and A. H. Dickinson, Bronxville, assignors to International Business Machines Corporation, New York, N. Y. Comparing and checking machine. 2,206,218; July 2.
Blakely, Robert T., Ridgewood, N. J., assignor to International Business Machines Corporation, New York, N. Y. Punching machine. 2,185,685; Jan. 2.
Blakeslee, Arthur L., assignor to Kalamazoo Stove & Furnace Company, Kalamazoo, Mich. Combination combustion and electric stove. 2,222,065; Nov. 19.
Blakeslee, Edward L., Oak Park, assignor to G. S. Blakeslee & Co., Cicero, Ill. Degreasing means. 2,223,595; Dec. 3.
Blakeslee, G. S., & Co. (See Blakeslee, Edward L., assignor.)
Blakeslee, Henry J., Marlboro, assignor to The States Company, Hartford, Conn. Electric switch handle. 2,186,749; Jan. 9.
Blakeslee, Henry J., Marlboro, assignor to The States Company, Hartford, Conn. Electric circuit control mounting. 2,195,075; Mar. 26.
Blakeslee, Henry J., Marlboro, assignor to The States Company, Hartford, Conn. Electrical connection means. 2,199,022; Apr. 30.
Blakeslee, Robert N., Jr., and H. G. Remmers, Trenton, assignors to Ajax Electrothermic Corporation, Ewing Township, N. J. Induction heating method. 2,223,507; Dec. 3.
Blanc, Adolph I. (See Lund, Frank M., assignor.)
Blanc, Aimé, Marseille, France. Thermostatic switch. 2,220,752; Nov. 5.
Blanc, Jean J., Paris, France. Device for assembling plates or other superposed pieces. 2,187,929; Jan. 23.
Blanc, Stewart S., Brisbane, Calif. Motor vehicle chassis. 2,202,810; June 4.
Blanchard, Alva G. (See Ellis, J. W., and Davidson, assignors.)
Blanchard, Alva G. (See Mulloy, O. L., and Martin, assignors.)
Blanchard, Alva G. (See Peters, T. R., and Mulloy, assignors.)
Blanchard, Alva G., Shreveport, La. Valve operating structure. 2,199,611; May 7.
Blanchard, Alva G., and O. L. Mulloy, Shreveport, La. said Mulloy assignor to said Blanchard. Safety valve. 2,212,997; Aug. 27.
Blanchard, Arthur D., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Exhaust pipe. 2,204,924; June 11.
Blanchard, Frederick C., Brookline, assignor to Rivett Lathe & Grinder, Inc., Brighton, Boston, Mass. Lathe. 2,225,950; Dec. 24.
Blanchard, George A., Portland, Oreg. Wash stick. 2,209,068; July 23.
Blanchard, Loring W., Jr. (See Malm, C. J., and Blanchard.)
Blanchard, Loring W., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of mixed cellulose esters containing a substantial amount of propionyl or butyryl. 2,208,569; July 23.
Blanchard, Rolla F., Westfield, N. J., and W. B. Blanton, Merrick, and H. L. Browne, Brooklyn, assignors to The Western Union Telegraph Company, New York, N. Y. Signaling system and apparatus. 2,193,811; Mar. 19.
Blanchard, Werner J., assignor to Engineering Projects, Inc., Dayton, Ohio. Propeller and making same. 2,205,132; June 18.
Bland, Robert J., Pasadena, Calif. Roof structure. 2,197,065; Apr. 16.
Bland, William A., Primos, and E. F. Oeffinger, Aldan, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Paint and varnish remover. 2,207,967; July 16.
Blaney, Jesse M., assignor to Cinaudagraph Corporation, Stamford, Conn. Film processing apparatus. 2,224,947; Dec. 17.
Blank, Albert G., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Fin-drum drier. 2,209,257; July 23.
Blank, Alfons, Dornach, assignor of one-half to W. F. L. Kessler-Rossillon, Arlesheim, Switzerland. Reclining chair. 2,201,964; May 21.
Blank, Charles E., Painted Post, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Safety device. 2,204,338; June 11.
Blank, Charles E., Painted Post, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Safety device. 2,220,702; Nov. 5.
Blank, Herman. (See Garrison, Morris, assignor.)
Blankart, André, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Amide derivatives of 3,5-dimethyl-isoxazole carboxylic acids. 2,212,767; Aug. 27.
Blanke, Rose, B., Brooklyn, N. Y. Radio enclosure. 2,204,787; June 18.
Blankenbuehler, John H., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Power system. 2,203,717; June 11.
Blankenship, Edward W., Chattanooga, Tenn. Combination cooking vessel. 2,199,687; May 7.
Blanton, William B. (See Blanchard, R. F., Blanton, and Browne.)
Blanton, William B., Merrick, assignor to The Western Union Telegraph Company, New York, N. Y. Telegraph exchange system. 2,193,812; Mar. 19.
Blanton, William B., Merrick, assignor to The Western Union Telegraph Company, New York, N. Y. Printing telegraph system. 2,227,121; Dec. 31.
Blaschke, Frank, Maywood, Ind. Automatic sprinkler. 2,216,154; Oct. 1.
Blase, Karl, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Washing machine. 2,212,822; Aug. 27.
Blasen, Louis T., Saranac, Mich. Animal trap. 2,197,121; Apr. 16.
Blashill, Arthur E., Handsworth, Birmingham, England. Manufacture of wire fabric. 2,202,442; May 28.
Blasig, Kurt, Berlin-Steglitz, Germany, assignor to Askania-Werke A. G. Fluid relay mechanism. 2,225,518; Dec. 17.
Blasig, Kurt, Berlin-Zehlendorf-Klein-Machnow, Germany, assignor to Askania-Werke A. G. Pressure liquid operated device. 2,226,545; Dec. 31.
Blaski, Benjamin P., Chicago, Ill. Public address arrangement. 2,208,068; July 16.
Blaso, James G., East Elmhurst, Long Island, N. Y. Anesthetic. 2,187,597; Jan. 16.
Blaso, James G., East Elmhurst, Long Island, N. Y. Self-spraying anesthetic preparation. 2,187,598; Jan. 16.
Blaso, James G., East Elmhurst, N. Y., assignor to Natural Vitamins Corporation. Separating fat or oil soluble vitamins from fish and vegetable oils. 2,207,712; July 16.
Blass, Fritz, Bad Soden, Taunus, P. Heisel, A. Hendschel, Gersthofen, near Augsburg, and O. Nicodemus, Frankfort-on-the-Main-Hocht, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Artificial resins. 2,193,327; Mar. 12.
Blattman, William K. (See McBain, W. C., and Blattman.)

Blattmann, Eugen, Berlin-Steglitz, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Gun mount for vehicles or aircraft. 2,193,547; Mar. 12.
Blattner, David G., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collector apparatus. 2,204,747; June 18.
Blattner, David G., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone ringer. 2,209,382; July 30.
Blattner, David G., Mountain Lakes, N. J., and L. Vieth, Jackson Heights, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Delay type piezoelectric relay. 2,201,879; May 21.
Blattner, Emil H. (See Barrows, D. S., and Blattner.)
Blattner, Emil H., assignor to The Symington-Gould Corporation, Rochester, N. Y. Cushioning device. 2,220,074; Nov. 5.
Blau, Henry H., Charleroi, Pa., assignor to Corning Glass Works, Corning, N. Y. Forming sealed hollow articles of glass. 2,191,951; Feb. 27.
Blau, Henry H., Charleroi, Pa., assignor to Corning Glass Works, Corning, N. Y. Making hollow glass building blocks. 2,191,952; Feb. 27.
Blau, Henry H., Charleroi, Pa., assignor to Corning Glass Works, Corning, N. Y. Apparatus for making hollow glass blocks. 2,191,953; Feb. 27.
Blau, Henry H., assignor to Corning Glass Works, Corning, N. Y. Forming sealed hollow articles of glass. 2,215,027; Sept. 17.
Blau, Henry H., assignor to Corning Glass Works, Corning, N. Y. Glass composition. 2,224,469; Dec. 10.
Blau, Leon W., Providence, R. I. Flashlight. 2,205,163; June 18.
Blau, Ludwig W., Houston, Tex., assignor to Standard Oil Development Company. Multiple component gravity balance. 2,185,582; Jan. 2.
Blau, Ludwig W., and L. Statham, Houston, Tex., assignors to Standard Oil Development Company. Electric earth transients in geophysical prospecting. 2,202,369; May 28.
Blauser, Albert L., et al. (See Noss, Robert K., assignor.)
Blaut, Samuel J., Mount Vernon, N. Y. Gold refining. 2,199,391; May 7.
Blauvelt Associates, Inc. (See Blauvelt, Warren S., assignor.)
Blauvelt, Warren S., assignor to Blauvelt Associates, Inc., Troy, N. Y. Heat transfer device. 2,215,538; Sept. 24.
Blaw-Knox Company. (See Broden, Edwin R., assignor.)
Blaw-Knox Company. (See Bushnell, James E., assignor.)
Blaw-Knox Company. (See Croft, George M., assignor.)
Blaw-Knox Company. (See Edgar, Louis C., Jr., assignor.)
Blaw-Knox Company. (See Harrington, Edward L., assignor.)
Blaw-Knox Company. (See Harvey, Christian M., assignor.)
Blaw-Knox Company. (See Kirkpatrick, George M., assignor.)
Blaw-Knox Company. (See Loxterman, Henry R., assignor.)
Blaw-Knox Company. (See Ludington, William C., assignor.)
Blaw-Knox Company. (See Mangels, Erwin G., assignor.)
Blaw-Knox Company. (See McDonnell, Edward J., assignor.)
Blaw-Knox Company. (See Sarosdy, Louis J., assignor.)
Blaw Knox Company. (See Venable, William M., assignor.)
Blaw-Knox Company. (See Wert, Edwin A., assignor.)
Blazek, John Y., Maple Heights, and V. R. Roy, assignors to Lempco Products Inc., Cleveland, Ohio. Resurfacing machine. 2,192,888; Mar. 12.
Blazek, John Y., Maple Heights, and V. R. Roy, assignors to Lempco Products, Inc., Cleveland, Ohio. Resurfacing machine. 2,208,879; July 23.
Blazek, John Y., Bedford, and V. R. Roy, Cleveland, assignors to Lempco Products, Incorporated, Bedford, Ohio. Press. 2,195,478; Apr. 2.
Bleakley, William Y., assignor, by mesne assignments, to Zero Hour Bomb Company, Tulsa, Okla. Oil well bomb closure. 2,213,685; Sept. 3.
Bleakley, William Y., and W. A. Schillinger, assignors, by mesne assignments, to Zero Hour Bomb Company, Tulsa, Okla. Torpedo lowering hook. 2,213,686; Sept. 3.
Bleakney, Walker, Princeton, N. J., assignor to Research Corporation, New York, N. Y. Focusing and separation of charged particles. 2,221,467; Nov. 12.
Bleakney, William M., Washington, D. C. Dynamically compensated strain gauge. 2,189,775; Feb. 13.
Bleam, Edgar W., assignor to Stokes and Smith Company, Philadelphia, Pa. Weighing system. 2,226,236; Dec. 24.
Blechman, Irving, Bronx, N. Y. Storage container. 2,226,112; Dec. 24.
Blechman, Kamille, New York, N. Y. Hat. 2,189,559; Feb. 6.
Blechner, Heinrich, Vienna, Germany. Automatic regulation of exposure in photographic apparatus. 2,206,626; July 2.
Blessing, Alexander F., near Newville, Pa. Erection gauge. 2,205,339; June 18.
Blessing, Edgar F., Short Hills, N. J., assignor to C. W. Guttzeit, New York, N. Y. Alloy steel. 2,201,072; May 14.
Blessing, L. G. (See Herrmann, W. A., and Adensam, assignors.)
Blessing, L. G. (See Walliser, Robert E., assignor.)
Blessing, Roy G. (See Simons, W. R., and Blessing.)
Bletso, Bruce N., Cleveland Heights, Ohio, assignor to The American Steel and Wire Company of New Jersey. Tensioning tool. 2,187,298; Jan. 16.
Bletz, Edward, Lexington, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermostat. 2,210,701; Aug. 6.
Blewett, John, assignor to The Murray Company, Dallas, Tex. Press box locking mechanism. 2,219,586; Oct. 29.
Bley, Rudolph S., Milligan College, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Fibroin spinning solutions. Re. 21,454; May 21.
Bley, Rudolph S., Milligan College, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Fibroin spinning solutions. Re. 21,455; May 21.
Bley, Rudolph S., Milligan College, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Fibroin spinning solutions. Re. 21,456; May 21.
Bley, Rudolph S., Milligan College, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Stabilizing carbohydrate derivatives. 2,206,872; July 9.
Blicke, Frederick F., Washtenaw County, assignor to The Regents of the University of Michigan, Ann Arbor, Mich. Aryl amino compounds. 2,216,155; Oct. 1.
Blickenstorfer, Albert. (See Zürcher, J., and Blickenstorfer.)
Bligh, Norman R., and A. Bloch, Wembley, England, assignors to Hazeltine Corporation. Carrier-frequency receiving system. 2,194,292; Mar. 19.
Bliley Electric Company. (See Wolfskill, John M., assignor.)
Blish, Russell A., deceased, Racine, Wis., by L. D. Jones, administrator, Kenilworth, Ill., and H. D. Rench, Racine, Wis. Drink mixer. 2,222,601; Nov. 26.
Bliss, E. W., Company. (See Cannon, Earl, assignor.)
Bliss, E. W., Company. (See Moulder, Jerry L., assignor.)
Bliss, E. W., Company. (See Nash, L. W., and Martin, assignors.)
Bliss, E. W., Company. (See Strout, Robert W., assignor.)
Bliss, E. W., Company. (See Williamson, Larkin R., assignor.)
Bliss, Frank E., Vancouver, Wash. Heating coil. 2,195,142; Mar. 26.
Bliss, Harold N., and G. E. Fenton, assignors to Morse Chain Company, Ithaca, N. Y. Feeding apparatus. 2,200,831; May 14.
Bliss, Harold N., and G. E. Fenton, assignors to Morse Chain Company, Ithaca, N. Y. Hydraulic drive mechanism. 2,200,832; May 14.
Bliss, Harvey N., Windsor, Conn., assignor to Veeder-Root Incorporated. Pick counter. 2,193,159; Mar. 12.
Bliss, Robert H., Syracuse, N. Y. Window operator and lock. 2,208,889; July 23.
Bliss, Sherwood C. (See Peo, R. F., and Bliss.)
Bliss, Warren H., Orono, Maine, assignor to Radio Corporation of America. Electrical phase reversal device. 2,196,381; Apr. 9.
Bliss, William R., Middletown, Conn. Modulation. 2,220,201; Nov. 5.
Blizard, Charles E., assignor to Western Cartridge Company, New Haven, Conn. Safety device for the firing mechanisms of firearms. 2,225,583; Dec. 17.
Blizard, John, Garden City, assignor to Foster Wheeler Corporation, New York, N. Y. Furnace. 2,186,474; Jan. 9.
Bloc, Frédéric B., assignor to Societe des Anciens, Etablissements Lhuillier, Dijon, France. Grain-sorting machine. 2,191,843; Feb. 27.
Bloch, Alfred. (See Bligh, N. R., and Bloch.)
Bloch, Edward, Detroit, Mich., and J. K. Kahn, Chicago, Ill., assignors to W. M. Chace Company, Detroit, Mich. Thermostatic control. 2,197,091; Apr. 16.
Bloch, Godfrey, New York, N. Y. Fabric-making material. 2,200,946; May 14.
Bloch, Herman S. (See Thomas, C. L., and Bloch.)
Bloch, Herman S., and C. L. Thomas, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of catalysts. 2,216,262; Oct. 1.
Bloch, Richard, Pelham Manor, and J. H. Worrall, assignors to Liberty Lace and Netting Works, New York, N. Y. Lace fabric. 2,188,640; Jan. 30.
Bloch, Rudolf, and F. Goldberger, Moravska Ostrava, Czechoslovakia. Absorption refrigeration system. 2,192,824; Mar. 5.
Blocher, Charles M., North Manchester, Ind. Safety-lock equipped coupling pin. 2,204,116; June 11.
Block, Alexander E., University City, Mo. Adjustable shoe. 2,220,439; Nov. 5.
Block, Clara, New York, N. Y. Notebook. 2,200,146; May 7.
Block, David J., Winnetka, Ill., assignor to H. M. Cable. Dye stripping. 2,222,526; Nov. 19.
Block, Harold C., and L. A. Layne, Houston, Tex.; said Block assignor to said Layne. Bottom connection screw through setting tool. 2,197,403; Apr. 16.
Block, Otto. (See Bing, J., and Block.)

Block, Robert. (See Sommers, A. L., and Littger, assignors.)
Blocker, Preston B., assignor of twenty-five per cent to H. H. Uhli and twenty-five per cent to J. H. Shettler, Silver City, N. Mex. Piston and ring assembly. 2,187,724; Jan. 23.
Blocker, Raymond V., Huntington, Ind., assignor to T-Z Railway Equipment Company, Chicago, Ill. Lubricating apparatus. 2,214,242; Sept. 10.
Blodgett, Albert G., assignor to Riley Stoker Corporation, Worcester, Mass. Automatic stoker. 2,208,622; July 23.
Blodgett, Herbert C., assignor to Overhead Door Corporation, Hartford City, Ind. Safety catch for vertically sliding doors. 2,185,828; Jan. 2.
Blodgett, Herbert C., assignor to Overhead Door Corporation, Hartford City, Ind. Counterbalance for vertically sliding doors. 2,194,111; Mar. 19.
Blodgett, Katharine B., Schenectady, N. Y., assignor to General Electric Company. Film structure and preparation. 2,220,860; Nov. 5.
Blodgett, Katharine B., Schenectady, N. Y., assignor to General Electric Company. Reduction of surface reflection. 2,220,861; Nov. 5.
Blodgett, Katharine B., Schenectady, N. Y., assignor to General Electric Company. Low-reflectance glass. 2,220,862; Nov. 5.
Blom, Carl, and M. L. Edwards, assignors to Bingham Pump Company, Inc., Portland, Oreg. Wet type gas pump. 2,211,316; Aug. 13.
Blom, Conrad C., Springfield, Mass., assignor to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. Axminster setting frame. 2,192,889; Mar. 12.
Blom, Conrad C., Longmeadow, Mass., assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Setting frame. 2,207,607; July 9.
Blomberg, Martin P., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Railway car truck. 2,189,125; Feb. 6.
Blomberg, Martin P., Hinsdale, Ill., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Cushioning mechanism. 2,216,429; Oct. 1.
Blomberg, Martin P., and W. H. Mussey, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Railway car. 2,190,144; Feb. 13.
Blömer, Alfred, Wiembach, near Opladen, and W. Becker, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Chlorine containing lacquer raw materials. 2,222,345; Nov. 19.
Blomfield, Frederick C. (See Chamberlin, Benjamin D., assignor.)
Blomfield, Frederick C., Coldwater, and M. H. Johanson, Rochester, N. Y.; said Johanson assignor to said Blomfield. Tabulating machine. 2,189,935; Feb. 13.
Blomgren, Carl, Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Multiple point control for inking mechanism. 2,201,942; May 21.
Blommé, Henry F., Worcester, Mass. Fishing tackle. 2,219,886; Oct. 29.
Blomquist, Roy A., Chicago, Ill. Tape applying machine. 2,192,634; Mar. 5.
Blomqvist, Gustav M., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Ice spoon. 2,196,244; Apr. 9.
Blomqvist, Gustav M., and S. F. Torstensson, Stockholm, Sweden, assignors by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,212,111; Aug. 20.
Blomqvist, Gustav M., and S. F. Torstensson, Stockholm, Sweden, assignors, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,219,439. Oct. 29.
Blood, Harold L. (See Schmidt, W. D., and Blood.)
Blood, Harold L., assignor to The Heald Machine Company, Worcester, Mass. Guard arrangement for machine tools. 2,203,979; June 11.
Blood, Harold L., assignor to The Heald Machine Company, Worcester, Mass. Offsetting arrangement for boring tools and the like. 2,220,779; Nov. 5.
Blood, Harold L., assignor to The Heald Machine Company, Worcester, Mass. Offsetting arrangement for boring tools and the like. 2,222,307; Nov. 19.
Blood, Howard E., Detroit, and O. E. Norberg, Ferndale, Mich., assignors to Borg-Warner Corporation, Chicago, Ill. Refrigerating apparatus. 2,223,947; Dec. 3.
Blood, Robert A., assignor to Crouse-Hinds Company, Syracuse, N. Y. Shock resisting lamp receptacle. 2,212,728; Aug. 27.
Bloom, Israel, New York, N. Y. Lipstick applicator. 2,201,467; May 21.
Bloom, Oscar T. (See Frederick, L. D., and Bloom.)
Bloom, Oscar H. (See Kevelson, M., and Bloom.)
Bloomberg, David J., Newton, Mass., assignor to General Electric Company. Elastic fluid turbine. 2,186,952; Jan. 16.
Bloomberg, Joseph E., assignor to Milwaukee Saddlery Company, Milwaukee, Wis. Cushioned seat. 2,208,745; July 23.
Bloomfield, Samuel, Chicago, Ill. Display case structure. 2,217,725; Oct. 15.
Bloomheart, John L., assignor to M. F. McKesson, Toledo, Ohio. Gas administration. 2,192,429; Mar. 5.
Bloomheart, John L., assignor, by mesne assignments, to M. F. McKesson, Toledo, Ohio. Contact thermometer. 2,195,019; Mar. 26.
Bloomheart, John L., assignor to M. F. McKesson, Toledo, Ohio. Pleural diagnosis and treatment. 2,206,687; July 2.
Bloomheart, John L., assignor to M. F. McKesson, Toledo, Ohio. Vaporizer. 2,206,688; July 2.
Bloomheart, John L., assignor to M. F. McKesson, Toledo, Ohio. Respirator control. 2,220,672; Nov. 5.
Bloomheart, John L., assignor to M. F. McKesson, Toledo, Ohio. Valve for absorbers. 2,220,673; Nov. 5.
Bloomheart, John L., assignor to M. F. McKesson, Toledo, Ohio. Mouth prop. 2,220,674; Nov. 5.
Bloomquist, Evert V., Wausau, Wis. Meat and bone grinding machine. 2,224,948; Dec. 17.
Bloss, Richard R., assignor to The International Derrick & Equipment Company of Texas, Beaumont, Tex. Brake for drums. 2,195,200; Mar. 26.
Bloss, Richard R., assignor to The International Derrick & Equipment Company of Texas, Beaumont, Tex. Rotary drilling machine. 2,223,779; Dec. 3.
Blosser, Herman G. (See Shields, C. B., and Blosser.)
Blosser, Herman G., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Track section clearing apparatus for railway signaling systems. 2,213,186; Sept. 3.
Blosser, John E. (See Burke, P., and Blosser.)
Blossom, Frederick M., Peoria, Ill. Belt. 2,202,644; May 28.
Blouch, Levi H. (See Ferla, John, assignor.)
Blount, Arthur L. (See Jones, P. H., and Blount.)
Blount, Arthur L., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Purification of organic acids. 2,191,449; Feb. 27.
Blount, Arthur L., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Refining oxy-acids obtained from oxidized hydrocarbons. 2,220,506; Nov. 5.
Blount, Arthur L., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Refining organic acids obtained from oxidized hydrocarbons. 2,220,507; Nov. 5.
Blount, Arthur L., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Manufacture of alkylated isoparaffinic hydrocarbons. 2,225,544; Dec. 17.
Blount, Clinton W., Upper Montclair, N. J. Manufacturing hollow objects. 2,202,042; May 28.
Blount, Frank E., Cedar Grove, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ringing system. 2,193,855; Mar. 19.
Blount, Frank E., Cedar Grove, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ringing system. 2,222,248; Nov. 19.
Blount, Harry, and H. P. Arkema, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Making metallic ribbon. 2,193,856; Mar. 19.
Blount, Hobart H., Indianapolis, assignor of one-third to O. G. Ottinger, Muncie, and one-third to H. M. Engledow, Indianapolis, Ind. Tree mover device. 2,210,969; Aug. 13.
Blount, Lemey G., Little Rock, Ark. Hat Blocking machine. 2,186,663; Jan. 9.
Blow, Arthur E., et al. (See Dautrick, Owen L., assignor.)
Blowney, Walter E., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine. 2,215,997; Sept. 24.
Bloxom, Harvey L., Fort Dodge, Iowa. Bubble blower. 2,205,028; June 18.
Bloxsom, Allan P., Houston, Tex. Termite control. 2,213,380; Sept. 3.
Blu, Marshall A., assignor to Sears, Roebuck and Co., Chicago, Ill. Welding. 2,194,272; Mar. 19.
Bludalk, Inc. (See Heinzelman, Alphonse A., assignor.)
Bludworth, Joseph E., Cumberland, Md., assignor to Celanese Corporation of America. Organic compounds. 2,198,651; Apr. 30.
Bludworth, Joseph E., Cumberland, Md., assignor to Celanese Corporation of America. Alcohol oxidation. 2,204,652; June 18.
Blue, Arthur A., Sewickley, Pa. Speed indicating device. 2,193,388; Mar. 12.
Blue, J. Curtis. (See Carlson, Axel S., assignor.)
Blue, John, Jr., Laurinburg, N. C. Plow. 2,201,846; May 21.
Blue, Robert D. (See Keyl, A. C., and Blue.)
Bluemink, Gary G. (See Beck, E, J., and Bluemink.)
Bluemel Bros. Limited. (See Bluemel, Frank W., assignor.)
Bluemel, Frank W., assignor to Bluemel Bros. Limited, Wolston, near Coventry, England. Steering mechanism for vehicles. 2,218,841; Oct. 22.
Blue Ridge Glass Corporation. (See Jones, James R., assignor.)
Bluestone, Charles, University City, Mo. Depository book. 2,226,422; Dec. 24.
Bluhm, Charles E., Rochester, N. Y. Tip for cigarettes. 2,224,588; Dec. 10.
Blum, Frank M., assignor to Harnischfeger Corporation, Milwaukee, Wis. Circuit closer. 2,189,190; Feb. 6.
Blum, Frederick G., Jr., assignor to Taylor Instrument Companies, Rochester, N. Y. Recording device. 2,224,589; Dec. 10.

Blum, Harold T., Glenmont, assignor to Brier Hill Corporation, Millersburg, Ohio. Stoker pipe. 2,191,006; Feb. 20.
Blum, Harold T., Glenmont, assignor to Briar Hill Corporation, Millersburg, Ohio. Stoker pipe. 2,207,849; July 16.
Blum, Harold T., Glenmont, assignor to Briar Hill Corporation, Millersburg, Ohio. Smoking pipe. 2,209,441; July 30.
Blum, Harold T., Glenmont, assignor to Briar Hill Corporation, Millersburg, Ohio. Smoking pipe. 2,210,198; Aug. 6.
Blum, Harold T., Glenmont, assignor to Briar Hill Corporation, Millersburg, Ohio. Stoker pipe. 2,210,199; Aug. 6.
Blum, Harold T., Glenmont, assignor to Briar Hill Corporation, Millersburg, Ohio. Stoker mechanism. 2,210,791; Aug. 6.
Blum, Harold T., Glenmont, assignor to Briar Hill Corporation, Millersburg, Ohio. Stoker pipe. 2,213,896; Sept. 3.
Blum, Harold T., Glenmont, assignor to Briar Hill Corporation, Millersburg, Ohio. Stoker pipe. 2,218,414; Oct. 15.
Blum, Harold T., Glenmont, assignor to Briar Hill Corporation, Millersburg, Ohio. Smoking pipe. 2,223,544; Dec. 3.
Blum, Hosmer L., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Flow control apparatus. 2,191,194; Feb. 20.
Blum, Hosmer L., Fort Wayne, Ind. Fluid meter. 2,198,103; Apr. 23.
Blum, Robert J., Indian Hill, and M. W. Gilbert, Lockland, Ohio. Apparatus for testing the crush strength of paper. 2,224,248; Dec. 10.
Blumberg, Harry S. (See Hopkins, R. K., and Blumberg.)
Blumberg, Harry S., assignor to The M. W. Kellogg Co., New York, N. Y. Welding composition. 2,191,473; Feb. 27.
Blume, Louis F., Pittsfield, Mass., assignor to General Electric Company. Transformer tap-changing system. 2,200,979; May 14.
Blume, Walter, Brandenburg, assignor of one-half to Arado Flugzeugwerke Gesellschaft mit Beschrankter Haftung, Brandenburg (Havel), Germany. Aircraft supporting wing. 2,207,453; July 9.
Blumenthal, Samuel J., Brooklyn, N. Y. Surgical instrument. 2,202,618; May 28.
Blumenthal, Sidney, and Co. (See Jacobsen, Earl S., assignor.)
Blumenthal, Sidney E., New Orleans, La. Mattress ticking. 2,222,999; Nov. 26.
Blumer, Manuel. (See Breth, F. W., and Blumer.)
Blumer, Manuel, Butler, G. A. Kessler, Petrolia, and L. Salzmann, Butler, Pa., assignors to L. Sonneborn Sons, Inc. Emulsifying agent and its production. 2,201,119; May 14.
Blumlein, Alan D., Ealing, London, assignor to Electric & Musical Industries, Limited, Hayes, Middlesex, England. Thermionic valve amplifying circuit. 2,185,367; Jan. 2.
Blumlein, Alan D., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Impedance network for coupling electric cable circuits. 2,204,721; June 18.
Blumlein, Alan D., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Television system. 2,210,523; Aug. 6.
Blumlein, Alan D., Ealing, London, assignor to Electric & Musical Industries, Limited, Hayes, Middlesex, England. Signaling system. 2,212,558; Aug. 27.
Blumlein, Alan D., London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Thermionic valve amplifying circuits. 2,218,902; Oct. 22.
Blumlein, Alan D., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Thermionic amplifier. 2,222,933; Nov. 26.
Blumlein, Alan D., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Television transmitting and receiving system. 2,222,934; Nov. 26.
Blumlein, Alan D., Ealing, London, assignor to Electric & Musical Industries Limited, Middlesex, England. Transmission of electrical signals having a direct current component. 2,224,134; Dec. 10.
Blumlein, Alan D., Ealing, London, and E. L. C. White, Hillingdon, assignors to Electric & Musical Industries Limited, Hayes, England. Background reinserter. 2,227,056; Dec. 31.
Blumlein, Alan D., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Radio receiver. 2,227,057; Dec. 31.
Blumlein, Alan D., Ealing, London, assignor to Electrical and Musical Industries Limited, Hayes, Middlesex, England. Sweep circuit. Re. 21,400; Mar. 19.
Blunck, Ford H. (See Hull, C. M., and Blunck.)
Blunck, Ford H., assignor to Standard Oil Company, Chicago, Ill. Catalytic cracking and cracking catalysts. 2,206,021; July 2.
Blunk, Daniel Q., Fort Dodge, Iowa. Slope gauge for graders. 2,189,699; Feb. 6.
Blunk, Heinrich. (See Prüss, M., and Blunk.)
Blunt, James G., Schenectady, assignor to American Locomotive Company, New York, N. Y. Smoke lifter for locomotives. 2,185,242; Jan. 2.
Blunt, James G., Schenectady, assignor to American Locomotive Company, New York, N. Y. Railway vehicle. 2,196,007; Apr. 2.
Blunt, James G., Schenectady, assignor to American Locomotive Company, New York, N. Y. Articulated locomotive. 2,200,833; May 14.
Bly, Merwyn, Leesburg, Va. Apparatus for testing and improving articulation. 2,212,431; Aug. 20.
Bly, Merwyn, Leesburg, Va. Ultra short wave radio receiver. 2,226,657; Dec. 31.
Blythen, Frank. (See Browne, C. O., and Blythen.)
Blythen, Frank. (See Browne, C. O., Hardwick, Blythen, and White.)
Blythen, Frank. (See McGee, J. D., Lubszynski, and Blythen.)
Blythen, Roy. (See Hardwick, J., Blythen, and White.)
Boaler, William H. (See Guyler, A. F., and Boaler.)
Boardman Company, The. (See Whitlock, Harold W., assignor.)
Boardman, Odessa D., Chester, Tex. Garage door operator. 2,202,943; June 4.
Boardman, Whitlock, assignor to Ferguson Brothers Manufacturing Company, Hoboken, N. J. Folding table. 2,215,093; Sept. 17.
Boatright, Arthur J., and A. T. Newman, assignors, by mesne assignments, to Economy Carburetor Incorporated, Kansas City, Mo. Fuel vaporizing apparatus for internal combustion engines. 2,205,388; June 25.
Bobb, Lloyd J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Horn type loud-speaker. 2,201,073; May 14.
Bobbroff, James D., Portland, Oreg., assignor to Eversharp Lawnmower Co. Lawn-mower. 2,212,873; Aug. 27.
Bobbroff, James D., Portland, Oreg., assignor to Eversharp Lawnmower Co. Lawn mower. 2,214,116; Sept. 10.
Bobek, William, Detroit, Mich. Concealed hinge. 2,203,041; June 4.
Bobian, King S., Montrose, Pa. Assorting device. 2,197,576; Apr. 16.
Bobo, Edward H., Ranger, Tex. Fish lure. 2,217,789; Oct. 15.
Bobo, Stephen N., assignor to R. P. Sniffen, New York, N. Y. Hot water heater. 2,227,293; Dec. 31.
Boboian, George D., Worcester, Mass. Air heater for ranges. 2,220,637; Nov. 5.
Bobrick, Arthur L., San Marino, Calif. Dispenser. 2,193,897; Mar. 19.
Bocca, Carlo, and D. Rudatis, Venice, Italy. Obtaining in projection images in colors. 2,189,751; Feb. 13.
Bochmann, Otto, Remscheid-Lennep, assignor to Barmer Maschinenfabrik Aktiengesellschaft, Wuppertal-Oberbarmen, Germany. Double twist twisting spindle. 2,187,996; Jan. 23.
Bochmann, Otto, Remscheid-Lennep, assignor to Barmer Maschinenfabrik Aktiengesellschaft, Wuppertal-Oberbarmen, Germany. Roller bearing twisting spindle. 2,207,495; July 9.
Bochmann, Otto, Remscheid-Lennep, assignor to Barmer Maschinenfabrik, Aktiengesellschaft, Wuppertal-Oberbarmen, Germany. Double twist twisting spindle. 2,207,574; July 9.
Bochmann, Otto, Remscheid-Lennep, assignor to Barmer Maschinenfabrik Aktiengesellschaft, Wuppertal-Oberbarmen, Germany. Twisting spindle, especially for artificial silk. 2,210,358; Aug. 6.
Bock, Clarence H., assignor to Hydraulic Brake Company, Detroit, Mich. Brake. 2,188,453; Jan. 30.
Bock, Clarence H., Royal Oak, assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure actuated brake. 2,214,951; Sept. 17.
Bock Corporation. (See Bock, Oscar L., assignor.)
Bock, Diedrich K., Buffalo, N. Y. Toy. 2,202,083; May 28.
Bock, Ernest H. (See Conner, G. O., and Bock.)
Bock, Eugen. (See Reppe, W., Hoelscher, Menger, and Bock.)
Bock, Irving I., Dallas, Tex. Air conditioning device. 2,203,590; June 4.
Bock, Lawrence, Newark, N. J., and R. C. Reed, Queens Village, N. Y., assignors to William Crabb & Company, Newark, N. J. Laminated lag for shoddy picker cylinders. 2,193,528; Mar. 12.
Bock, Louis H. (See Powers, D. H., Bock, and Houk.)
Bock, Louis H., assignor to Röhm & Haas Company, Philadelphia, Pa. Aliphatic di-oxymethylene quaternary ammonium halides and producing them. 2,204,653; June 18.
Bock, Louis H., assignor to Röhm & Haas Company, Philadelphia, Pa. Waterproofing fabrics. 2,209,383; July 30.
Bock, Louis H., Glenside, and A. L. Houk, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Aminomethylene amino-1,3,5-triazines. 2,210,831; Aug. 6.
Bock, Louis H., and A. L. Houk, assignors to Röhm & Haas Company, Philadelphia, Pa. Improving the washfastness of sizes with aminomethylamide derivatives. 2,220,508; Nov. 5.
Bock, Oscar L., assignor to Bock Corporation, Madison, Wis. Ignition device. 2,194,081; Mar. 19.
Bock, Walter, Cologne-Riehl, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Polymerization product. 2,194,416; Mar. 19.

Bockius, Chris, Stamford, Conn., C. S. Batchelor, Hasbrouck Heights, and J. A. Cook, Paterson, assignors to Raybestos-Manhattan, Inc., Passaic, N. J. Friction material. 2,217,001; Oct. 8.
Bockman, Arthur, Chicago, Ill. Display receptacle. 2,210,566; Aug. 6.
Bockmühl, Max, and G. Ehrhart, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Aromatic arsonic and stibonic acids. 2,185,972; Jan. 2.
Bockmühl, Max, G. Ehrhart, and H. Ruschig, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Sterine derivatives having the character of the sexual hormones and preparing them. 2,188,330; Jan. 30.
Bockmühl, Max, G. Ehrhart, H. Ruschig, and W. Aumüller, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparing derivatives of the cyclopentanopolyhydrophenanthrene. 2,188,870; Jan. 30.
Bockmühl, Max, and G. Ehrhart, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Hydrogen ester salts of glucosides and preparing the same. 2,189,723; Feb. 6.
Bockmühl, Max, W. Krohs, F. Racke, and K. Windisch, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. N-methylsulphites and N-methanesulphinic acid salts of 1-aryl-2,3-dialkyl-4-alkylamino-pyrazolones. 2,193,788; Mar. 19.
Bockmühl, Max, G. Ehrhart, H. Ruschig, and W. Aumüller, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Compounds of the cyclopentanopolyhydrophenanthrene series and preparing them. 2,202,619; May 28.
Bockmühl, Max, G. Ehrhart, H. Ruschig, and W. Aumüller, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. 22,23-Dibromostigmasterolacetate and preparing it. 2,203,611; June 4.
Bockmühl, Max, G. Ehrhart, H. Ruschig, and W. Aumüller, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparing compounds having the character of the male sexual hormones. 2,212,363; Aug. 20.
Bockmühl, Max, L. Middendorf, and P. Fritzsche, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Complex mercury-methylxanthine compounds. 2,213,457; Sept. 3.
Bockmühl, Max, Frankfort-on-the-Main-Hochst, and E. Bartholomäus, Wiesbaden-Biebrich, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Glucosides of polyhydroxy-flavones and polyhydroxy-flavanones. 2,224,807; Dec. 10.
Bockwitz, Andrew J. (See Self, Grafton H., assignor.)
Boda, Joseph, Budapest, Hungary. Electric curling iron. 2,192,890; Mar. 12.
Bodde, Bernard M., assignor to Flat Light Screen Co. Inc., Hollywood, Calif. Manufacture of translucent screens. 2,202,370; May 28.
Bodde, Bernard M., Hollywood, assignor to Flat Light Screen Co., Los Angeles, Calif. Projection screen. 2,216,901; Oct. 8.
Boddicker, Floyd L., Ishpeming, Mich., assignor to Hercules Powder Company, Wilmington, Del. Preparing of progressive-burning smokeless powder and product thereof. 2,186,516; Jan. 9.
Boddicker, Floyd L., assignor to Hercules Powder Company, Wilmington, Del. Manufacture of smokeless powder. 2,210,871; Aug. 6.
Boddy, Leonard, Ann Arbor, Mich., assignor to The Anderson Company, Gary, Ind. Operating means for indicating systems and apparatus. 2,214,008; Sept. 10.
Bode, Edgar C., Courtland, Minn. Automobile door lock. 2,191,437; Feb. 27.
Bode, Harold E., Chicago, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Filler and making same. 2,188,494; Jan. 30.
Bode, Richard, and A. von Petery, Kiel, assignors to Anschutz & Co. G. m. b. H., Kiel-Neumuhlen, Germany. Instrument, more particularly gyroscopic apparatus. 2,198,023; Apr. 23.
Boden, Cecil W., Oakland, Calif. Trailer hitch. 2,216,584;
Boden, Ernest G., assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing mounting. 2,208,863; July 23.
Bodendieck, Henry W., Taylorville, Ill., assignor to A. B. Chance Co., Centralia, Mo. Conductor holder. 2,195,020; Mar. 26.
Bodendieck, Henry W., Taylorville, Ill., assignor to Tips Tool Co., Centralia, Mo. Electrical connector. 2,200,380; May 14.
Bodendieck, Henry W., Taylorville, Ill., assignor to A. B. Chance Co., Centralia, Mo. Fuse device. 2,212,632; Aug. 27.
Bodendieck, Henry W., assignor to Tips Tool Company, Inc., Taylorville, Ill. Fused disconnect switch. 2,212,633; Aug. 27.
Bodenheim, Francis A., Kew Gardens, N. Y., and C. E. Heath, Dedham, Mass., assignors to Applied Sugar Laboratories, Inc., New York, N. Y. Adsorbent material and process. 2,209,069; July 23.
Bodie, Oliver W., Hammond, Ind. Projector. 2,221,753; Nov. 19.
Bodin, Harry, et al. (See Redding, Harry B., assignor.)
Bodine, Clarence E. (See Yochem, E., and Bodine.)
Bodkin, Irving S., New York, assignor to Conrad Razor Blade Co. Inc., Long Island City, N. Y. Razor blade assembling machine and method. 2,209,724; July 30.
Bodman, John W., Winchester, assignor to Lever Brothers Company, Cambridge, Mass. Soap and producing same. 2,215,539; Sept. 24.
Bodó, Gabor K., Budapest, Hungary. Fountain pen holder. 2,198,756; Apr. 30.
Boe, Walter, and T. G. Stuppy, San Gabriel, Calif. Hack saw blade. 2,214,827; Sept. 17.
Boeckeler, Benjamin C., assignor to The Lummus Company, New York, N. Y. Treating feed water. 2,222,559; Nov. 19.
Boecking, Ewald, Great Kills, Staten Island, assignor to International Projector Corporation, New York, N. Y. Driving and synchronizing mechanism for motion picture projectors. 2,211,808; Aug. 20.
Boedecker, Friedrich, Berlin-Dahlem, and H. Gruber, Berlin-Steglitz, Germany. Bismuth salts of a substituted malonic acid and making them. 2,220,638; Nov. 5.
Boedeker, Anthony, Cincinnati, Ohio. Bottle breaker. 2,190,971; Feb. 20.
Boedeker, Karl, Frankfort-on-the-Main-Hochst, and O. Köhler, Frankfort-on-the-Main-Unterliederbach, Germany, assignors, by mesne assignments, to W. H. Duisberg, New York, N. Y. Apparatus for introducing gases into liquids. 2,223,348; Dec. 3.
Boeder, Paul A. K., H. W. Hill, and E. D. Tillyer, assignors to American Optical Company, Southbridge, Mass. Ophthalmic lens. 2,216,182; Oct. 1.
Boegehold, Alfred L., assignor to General Motors Corporation, Detroit, Mich. Bearing. 2,198,240; Apr. 23.
Boegehold, Alfred L., assignor to General Motors Corporation, Detroit, Mich. Annealing malleable iron. 2,198,801; Apr. 30.
Boegehold, Alfred L., assignor to General Motors Corporation, Detroit, Mich. Decarburized white iron casting. 2,225,968; Dec. 24.
Boegehold, Hans, assignor to the firm of Carl Zeiss, Jena, Germany. Microscope objective. 2,206,155; July 2.
Boehle, Gustave B., Ozone Park, N. Y. Multiple-repeat router. 2,214,450; Sept. 10.
Boehm, Frederick, assignor to Schutte and Koerting Company, Philadelphia, Pa. Rotameter. 2,220,675; Nov. 5.
Boehm, Robert M., assignor to Masonite Corporation, Laurel Miss. Making board products and recovering water solubles from fibrous ligno-cellulose material. 2,224,135; Dec. 10.
Boehme, John O., Washington, N. J. Hand guard. 2,200,019; May 7.
Boehme, Paul C., Cincinnati, Ohio. Adjustable collar. 2,217,656; Oct. 15.
Boehne, Eugene W., Yeadon, Pa., assignor to General Electric Company. High speed permanent magnet electroresponsive device. 2,188,803; Jan. 30.
Boeing Aircraft Company. (See Evans, Donald E., assignor.)
Boeing Aircraft Company. See Price, Nathan C., assignor.)
Boeker, Walter, Berlin-Grunewald, Germany, assignor to General Electric Company. Control system. 2,188,804; Jan. 30.
Boeker, Walter, Berlin-Grunewald, Germany, assignor to General Electric Company. Control system. 2,223,163; Nov. 26.
Boelman, George, Shell Rock, Iowa, assignor of one-half to G. Dieterman, Freeport, Ill. Tractor guide. 2,211,049; Aug. 13.
Boenau, Arthur H. (See Shipp, V. L., Boenau, and Ramsay.)
Boenecke, Alfred, Berlin, Germany. Fastener. 2,188,620; Jan. 30.
Boenecke, Alfred, Berlin, Germany. Hinge connection. 2,205,969; June 25.
Boente, Leo. (See Pier, M., Boente, and Eisenhüt.)
Boente, Leo, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of phosphorescent substances. 2,219,205; Oct. 22.
Boepple, Hans, Valley Cottage, N. Y. Knit fabric and garment construction. 2,186,572; Jan. 9.
Boer, Albert G., deceased, by C. Boer-van der Wurff, sole heir, Naarden, and J. van Niekerk, Amsterdam, E. H. Reerink, Bussum, and A. van Wijk, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, trustee, Hartford, Conn. Vitamin. 2,216,719; Oct. 8.
Boer, Cornelia, sole heir. (See Boer, A. G., van Niekerk, Reerink and van Wijk.)
Boerger, Martin G. (See Munch, H. S., and Boerger.)
Boerger, Martin G., assignor to Modine Manufacturing Company, Racine, Wis. Seam soldering machine for radiator headers. 2,189,540; Feb. 6.
Boering Specialty Co. (See Lindgren, Ferdinand, assignor.)
Boerma, Henry E., assignor to Pneu-Hydro Road Machinery Company, Cadillac, Mich. Road planer. 2,213,300; Sept. 3.
Boerner, Walter, Waring, Tex. Refrigerator door lock. 2,210,229; Aug. 6.

Boersch, Hans, Berlin-Reinickendorf, assignor to Allgemeine Elektricitats Gesellschaft, Berlin, Germany. Electron device. 2,202,620; May 28.
Boesch, Arthur H. (See Franz, F., Boesch, and Pash.)
Boese, Albert B., Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Preparation of N-substituted lutidones. 2,185,243; Jan. 2.
Boese, Albert B., Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Halogenation of diketene. 2,209,683; July 30.
Boese, Albert B., Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Preparation of aromatic 1,3-diketones. 2,214,117; Sept. 10.
Boese, Albert B., Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Preparation of ketene. 2,218,066; Oct. 15.
Boestad, Gustav K. W. (See Lysholm, A., and Boestad, assignors.)
Boester, Carl F., Jr., St. Louis, Mo. Cooling apparatus for cooling beverages and the like. 2,214,009; Sept. 10.
Boettcher, Arthur H. (See Illsley, Frank P., assignor.)
Boettcher, Gustav A., Jamaica, N. Y. Prebuilt mattress and box spring border machine. 2,218,785; Oct. 22.
Boettcher Paul F., Grand Haven, Mich., assignor to The Bastian-Blessing Company, Chicago, Ill. Hinge. 2,222,428; Nov. 19.
Boettcher, William A. F., Chicago, Ill. Floor block. 2,226,540; Dec. 31.
Boettcher, William J. F., Chicago, Ill. Meat-tendering appliance. 2,213,897; Sept. 3.
Boeye, Paul F., assignor to Waldorf Paper Products Company, St. Paul, Minn. Box. 2,210,162; Aug. 6.
Boezi, John, and R. Papiri, Binghamton, N. Y. Apparatus for cleaning and flushing radiators and the like. 2,187,413; Jan. 16.
Bogart, Oren E., and R. A. Miller, Yakima, Wash. Conveyer. 2,206,156; July 2.
Bogaty, Hermann S., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Extended bearing motor. 2,196,952; Apr. 9.
Bogdan, Mihai, Ploesti, Rumania, assignor to Shell Development Company, San Francisco, Calif. Stabilizing organic heavy metal salts. 2,199,828; May 7.
Bogdan, Mihai, Ploesti, Rumania, assignor to Shell Development Company, San Francisco, Calif. Stabilizing organic heavy metal salts. 2,199,829; May 7.
Boger, Ernest J., Allentown, Pa. Exercising apparatus. 2,219,219; Oct. 22.
Boggild, Axel, Trumbull, and J. Duch, Bridgeport, Conn., assignors to General Electric Company. Fastening device and making the same. 2,225,607; Dec. 24.
Boggs, Burl, El Campo, Tex. Arrow. 2,209,672; July 30.
Boggs, Charles L., San Francisco, Calif. Cleaning device. 2,208,659; July 23.
Boggs, Rosemary, Columbus, Ohio. Lawn rake. 2,207,653; July 9.
Boggs, Walter W., et al. (See Costello, Charles E., assignor.)
Bogin, Charles. (See Wampner, H. L., and Bogin.)
Bogin, Charles, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Synthetic resin coating composition. 2,192,583; Mar. 5.
Bogner, Peter, assignor to Saml. Hanson & Son Limited, London, England. Insertion of wire rips in can closures and apparatus therefor. 2,213,427; Sept. 3.
Bogoslowsky, Boris, New York, N. Y. Golf ball. 2,200,257; May 14.
Bogue, George E., assignor of one-half to L. H. Shipley, Baltimore, Md. Flow-operated switch. 2,211,553; Aug. 13.
Bohan, Joseph C., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine apparatus. 2,197,334; Apr. 16.
Bohan, Joseph C., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine blade shroud. 2,197,335; Apr. 16.
Bohannon, William B., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Measuring system. 2,200,819; May 14.
Bohle, Fred, assignor to Illinois Tool Works, Chicago, Ill. Rifling tool. 2,210,848; Aug. 6.
Bohle, Fred, assignor to Illinois Tool Works, Chicago, Ill. Rifling tool. 2,210,849; Aug. 6.
Bohler, Jesse M., Atlanta, Ga. Combination club and firearm. 2,195,690; Apr. 2.
Bohm Aluminum & Brass Corporation. (See Frost, Alfred W., assignor.)
Bohm, Daniel R., Jr. (See Capen, John M., assignor.)
Böhm, Erich, and T. Sabalitschka, Berlin, Germany. Manufacture of stabilized animal and vegetable fats and oils. 2,223,244; Nov. 26.
Böhm, Helmut, assignor to Süddeutsche Apparate-Fabrik G. m. b. H., Nuremberg, Germany. Voltage regulating device. 2,207,234; July 9.
Böhme, Joachim, Berlin-Schoneberg, assignor to Fides Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung, Berlin, Germany. Electron discharge device. 2,203,249; June 4.
Böhm, Otto, Hutton Brentwood, England, assignor to Radio Corporation of America. Aerial system. 2,207,504; July 9.
Bohmer, Clarence I., and A. E. Davis, assignors to The Jaeger Machine Company, Columbus, Ohio. Water supply and measuring tank for concrete mixers. 2,191,419; Feb. 20.
Bohmer, Henry Jr., Woodbury Heights, and S. S. Lippincott, Palmyra, assignors to "Flexitallic" Gasket Company, Camden, N. J. Gasket pressure control. 2,196,953; Apr. 9.
Bohmer, Henry, Jr., Riverton, and S. S. Lippincott, Palmyra, assignors to "Flexitallic" Gasket Company, Camden, N. J. Gasket. 2,200,212; May 7.
Bohn Aluminum & Brass Corporation. (See McCullough, William E., assignor.)
Bohn Aluminum & Brass Corporation. (See Nelson, Adolph L., assignor.)
Bohn Aluminum & Brass Corporation, The. (See Ragan, Frederick H., assignor.)
Bohn Aluminum & Brass Corporation. (See Schoen, Paul F., assignor.)
Bohn, Jacob L. (See Nadig, F. H., and Bohn.)
Bohn, Kenneth R. (See Hall, E. A., and Bohn.)
Bohn Refrigerator Company, The. (See Hoffberger, Saul C., assignor.)
Bohne, Douglas, New York, N. Y. Tail gate operating mechanism. 2,220,202; Nov. 5.
Bohnin, Wallace W., et al. (See Ufen, Otto, assignor.)
Bohnke, Herman C., Carnegie, assignor to Superior Paper Products Company, Crafton, Pa. Packing device. 2,192,992; Mar. 12.
Bohnsack, John A., Cleveland Heights, and T. V. Balch, Shaker Heights, assignors to The E. F. Hauserman Company, Cleveland, Ohio. Metallic wall structure. 2,186,953; Jan. 16.
Bohrn, Hugo, and L. Avanzini, Linz, Austria. Determining coordinates. 2,198,757; Apr. 30.
Bohte, Steven, Denver, Colo. Auxiliary securing means for beef wrappers. 2,185,583; Jan. 2.
Boiardi, Hector J. (See Gase, George A., assignor.)
Boice, John E., Toledo, Ohio. Woodworking machine. 2,211,050; Aug. 13.
Boice, Russell, Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating equipment. 2,196,894; Apr. 9.
Boiler Tube Skivers, Inc. (See Maxwell, C., and Marshall, assignors.)
Boiney, Joseph F. (See Shepard, A. F., Boiney, and Sontag.)
Bois, Nathaniel, assignor to T. Silberfeld, San Francisco, Calif. Cutting attachment for combs. 2,188,131; Jan. 23.
Boisseau, Dan R. (See Butler, Joseph H., assignor.)
Boisselier, Earl D., Glen Ellyn, Ill. Toy typewriter. 2,218,144; Oct. 15.
Boisvert, Norbert. (See Lemire, Joseph, assignor.)
Boivin, Odilon, assignor of fifty per cent to J. E. Tetreault, twenty-five per cent to J. E. Trepanier, and twenty-five per cent to J. E. Barrette, Montreal, Quebec, Canada. Shoe filler. 2,224,590; Dec. 10.
Bojesen, Peter L., Shanghai, China. Gear change mechanism. 2,223,716; Dec. 3.
Bokemüller, Alfred, Gaggenau, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Internal combustion engine receiving fuel by injection. 2,201,221; May 21.
Bokemüller, Alfred, Gaggenau, Baden, and F. Schaub, Berlin-Charlottenburg, assignors to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Internal combustion engine. 2,201,220; May 21.
Boker, Vitus A., Minneapolis, Minn. Producing die sets. 2,186,799; Jan. 9.
Bokovoy, Samuel A. (See Baldwin, C. F., and Bokovoy.)
Bokovoy, Samuel A., Audubon, N. J., assignor to Radio Corporation of America. Heat responsive device. 2,192,960; Mar. 12.
Bolan, Wayne R., Amarillo, Tex. Air conditioner for automobiles. 2,223,884; Dec. 3.
Bolas, Harold, Providence, R. I., assignor, by mesne assignments, to Providence Braid Company. Liquid chilling device. 2,216,762; Oct. 8.
Bold, Arthur W. (See Bold, Frederick W. and A. W.)
Bold, Frederick W. and A. W., Chelsea, assignors to Waltham Horological Manufacturing Company, Waltham, Mass. Aerial bomb fuse. 2,190,374; Feb. 13.
Boldizzoni, Teobaldo G., New York, N. Y. Garment finishing machine and method. 2,186,192; Jan. 9.
Boldt, Harold L., Chase, Kans. Starting device. 2,224,249; Dec. 10.
Boldt, Werner F. (See Schnell, S., and Boldt.)
Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Compressor shut-off valve mechanism. 2,186,320; Jan. 9.
Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Ratio changing lever mechanism. 2,190,972; Feb. 20.
Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Slack adjuster for brakes. 2,194,584; Mar. 26.
Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Control valve mechanism. 2,200,591; May 14.
Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Valve mechanism for fluid pressure systems. 2,203,042; June 4.

Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Variable ratio control valve. 2,206,656; July 2.
Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Adjustable mounting for brake shoes. 2,206,657; July 2.
Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid pressure metering valve mechanism. 2,206,658; July 2.
Boldt, Werner F., Overland, and S. Schnell, assignors to Wagner Electric Corporation, St. Louis, Mo. Brake actuating cam. 2,186,321; Jan. 9.
Boldt, Werner F., Overland, and W. R. Freeman, University City, assignors to Wagner Electric Corporation, St. Louis, Mo. Rotating piston packing cups. 2,211,403; Aug. 13.
Boldt, Werner F., Clayton, and W. R. Freeman, University City, assignors to Wagner Electric Corporation, St. Louis, Mo. Brake control mechanism for aircraft. 2,224,124; Dec. 10.
Boldt, William C., Waukesha County, Wis. Sprocket wheel. 2,199,688; May 7.
Bole, Floyd E., Westboro, Ontario, assignor of thirty per cent to J. B. MacLaughlin and thirty per cent to C. M. Edwards, Ottawa, Ontario, Canada. Interference eliminating means for radio receiving circuits. 2,222,739; Nov. 26.
Bole, Ralph D., Pittsburgh, and E. A. Fusca, Perrysville, Pa., assignors to Pittsburgh Plate Glass Company. Apparatus for surfacing plate glass. 2,209,505; July 30.
Bolen, Jesse T., assignor of one-half to W. M. MacKay, Prineville, Oreg. Weight indicator and register for hoists. 2,200,572; May 14.
Bolens, Harry W. (See Large, George, assignor.)
Bolens, Harry W., and J. M. Altendorf, Port Washington, Wis.; said Altendorf assignor to said Bolens. Chair iron. 2,211,090; Aug. 13.
Boles, Harry S., Chicago, Ill., and H. C. Cogan, Bay City, Mich. Overhead welding gantry. 2,220,704; Nov. 5.
Bolesky, John D. (See Vaughan, V. G., and Bolesky.)
Bolesky, John D., assignor to Metals & Controls Corporation, Attleboro, Mass. Thermostatic switch. 2,199,387; May 7.
Bolesky, John D., assignor to Metals & Controls Corporation, Attleboro, Mass. Thermostatic device. 2,199,388; May 7.
Bolhofner, Edward, et al. (See Bolhhofner, P., and Koch, assignors.)
Bolhofner, Peter, St. Louis, and T. Koch, St. Louis County, assignors of one-fourth to E. F. Pelikan and one-fourth to E. Bolhofner, both of St. Louis, Mo. Device for applying treating material to leather. 2,203,250; June 4.
Bolhuis, Frank, Holland, Mich. House model. 2,214,987; Sept. 17.
Bolhuis, Frank, Holland, Mich. House model. 2,214,988; Sept. 17.
Bolidens Gruvaktiebolag. (See Häger, Bror O., assignor.)
Bolidens Gruvaktiebolag, et al. (See Lindblad, A. R., and Herneryd.)
Bolidens Gruvaktiebolag. (See Malmqvist, Johan D., assignor.)
Bolinders Fabriks Aktiebolag. (See Bilde, Tord E. D., assignor.)
Boline, Eldred A., Denver, Colo. Advertising device. 2,226,367; Dec. 24.
Bolinger, George N., assignor to Sta-Rite Ginnie Lou, Inc., Shelbyville, Ill. Lipstick construction. 2,205,808; June 25.
Boliston, George C., Southend-on-Sea, England. Easy chair settee, and the like. 2,218,415; Oct. 15.
Boll, William H. P., Sydney, Australia. Attrition mill. 2,221,176; Nov. 12.
Bollack, Lucien A., Paris, France. Radioelectric control device. 2,212,315; Aug. 20.
Bollard, Arthur W., assignor to The F. D. Cummer & Son Company, Cleveland, Ohio. Mixer tooth. 2,187,897; Jan. 23.
Bolle, Léon, assignor to La Nationale S. A., Chemin des Falaises, Geneva, Switzerland. Pyrophoric lighter. 2,194,844; Mar. 26.
Boller, Ernest R., Cleveland Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preservation of fibrous cellulosic material. 2,204,066; June 11.
Boller, Henry A., Detroit, Mich., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor valve. 2,192,703; Mar. 5.
Boller, Winkler & Co., Turbenthal (im Grund). (See Egli, Ernst, assignor.)
Bolles, Mervin E., Oil City, Pa. Oil well rig. 2,199,873; May 7.
Bolling, Stewart, Cleveland, Ohio. Rubber bale cutter. 2,211,051; Aug. 13.
Bolling, Watson E., Bonny Blue, Va. Signal apparatus. 2,196,545; Apr. 9.
Bollinger, Claude A., and F. K. Schefe, Gary, Ind. Apparatus for handling strip metals. 2,221,468; Nov. 12.
Bollinger, Paul, Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Combination dust guard and gear case grease seal. 2,186,233; Jan. 9.
Bollman, John H., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Power supply circuit. 2,201,983; May 28.
Bollman, John H., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal transmission system. 2,213,037; Aug. 27.
Bolser, Clark M., Cedar Falls, Iowa. Signal light. 2,204,525; June 11.
Bolster, Calvin M., United States Navy. Gasoline dumping device. 2,207,713; July 16.
Bolster, Ronald H., assignor to Clark Equipment Company, Buchanan, Mich. Brake. 2,192,001; Feb. 27.
Bolta Comb Company. (See Kapelman, Felix, assignor.)
Bolte, Charles C. (See Whittington, George W., assignor.)
Bölter, Wilhelm, Heepen in Westphalia, near Bielefeld, and H. Theenhausen, assignors to Anker-Werke, A. G., Bielefeld, Germany. Needle vibration controlling means for zigzag stitch sewing machines. 2,202,515; May 28.
Bolton, Elmer K., and J. K. Hunt, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cleaning process. 2,225,294; Dec. 17.
Bolton, Frank L., Cayuga Heights, N. Y. Production of salt brine. 2,200,665; May 14.
Bolton, James F., Heywood, England. Apparatus for distributing sewage over a filter bed. 2,189,513; Feb. 6.
Bolton, John W., & Sons, Inc. (See Stuck, Harold D., assignor.)
Bolton, Mell A. (See Huber, William J., assignor.)
Bolton, Ray F., Dallas, Tex., assignor of one-half to Eastman Oil Well Survey Corporation of California, and one-half to Eastman Oil Well Survey Company of Delaware. Winged whipstock. 2,196,517; Apr. 9.
Bolton, William J. (See Kuebler, C. A., and Bolton.)
Bomat Inc. (See Matthes, Archer L., assignor.)
Bommer, Johanna, Greenwich, Conn. Non-thumb-sucking garment and making the same. 2,223,478; Dec. 3.
Bommer, Max. (See Koch, J., and Bommer.)
Bommer Spring Hinge Company. (See Voelkel, John F., assignor.)
Bonacci, Louis N. (See Hedberg, C. W. J., and Bonacci.)
Bonanno, Joseph L., Forest Hills, assignor to The Lionel Corporation, New York, N. Y. Toy railroad track switch. 2,202,546; May 28.
Bonanno, Joseph L., Maplewood, N. J., assignor to The Lionel Corporation, New York, N. Y. Miniature track for toy railroads. 2,223,545; Dec. 3.
Bonawit, Oby, Manassas, Va. Variable pitch propeller. 2,224,640; Dec. 10.
Bond, Albert J., Brazoria, Tex. Reel. 2,203,453; June 4.
Bond, Charles C., Elkins Park, assignor to Charles Bond Company, Philadelphia, Pa. Picker stick check strap for automatic looms. 2,221,281; Nov. 12.
Bond, Charles, Company. (See Bond, Charles C., assignor.)
Bond, Donald S., Philadelphia, Pa., assignor to Radio Corporation of America. Electromechanical servo device. 2,208,623; July 23.
Bond, Edgar R., and C. A. Hobbs, assignors to Textile Specialty Company, Greensboro, N. C. Loom reed. 2,187,997; Jan. 23.
Bond Foundry & Machine Company. (See Schreck, Irvin F., assignor.)
Bond, Joseph E., Middletown, Ohio. Paper making machinery. 2,200,410; May 14.
Bond, Joseph E., Middletown, Ohio. Paper pulp refiner. 2,208,320; July 16.
Bond, Myra P., Schenectady, N. Y. Hair washer and rinser. 2,185,495; Jan. 2.
Bond, Scott R., New York, N. Y., and H. K. Lorentzen, Montclair, N. J.; said Bond assignor to said Lorentzen. Venetian blind cord-controlling organization. 2,192,002; Feb. 27.
Bond, Sherman G., Wichita, Kans. Awning. 2,187,639; Jan. 16.
Bond, William C., Washington, D. C. Bookstack. 2,185,494; Jan. 2.
Bond, Varley S., assignor to Kalo Inoculant Company, Quincy, Ill. Bacterial inoculant for leguminous plants. 2,200,532; May 14.
Bond, Walter L., Forest Hills, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Supporting means for piezoelectric plates. 2,203,486; June 4.
Bond, William C., Washington, D. C. Book stack. 2,219,291; Oct. 29.
Bonds, Albert, Lakewood, Ohio, assignor to The American Steel and Wire Company of New Jersey. Method and apparatus for drawing rods and wire. 2,192,785; Mar. 5.
Bondurant, Carlton W., Euclid, assignor to The Titan Valve and Manufacturing Company, Cleveland, Ohio. Thermostatically operated switch mechanism. 2,221,907; Nov. 19.
Bone, Arnold R., and A. P. Albrecht, assignors to The Irwin Auger Bit Company, Wilmington, Ohio. Bit extension. 2,193,917; Mar. 19.
Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track switch connecting mechanism. 2,205,114; June 18.
Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch box connection. 2,208,449; July 16.

Bone, Herbert L., and J. W. Livingston, Forest Hills, assignors to The Union Switch & Signal Company, Swissvale, Pa. Speed responsive device. 2,211,554; Aug. 13.

Bone, William A., and D. M. Newitt, South Kensington, London, England, assignors to Imperial Chemical Industries Limited. Producing formaldehyde. 2,196,188; Apr. 9.

Bone, William A. and D. M. Newitt, South Kensington, London, England, assignors to Imperial Chemical Industries Limited. Production of oxygenated organic compounds. 2,199,585; May 7.

Bonell, Ralph K., New York, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Displacement and acceleration measuring apparatus. 2,210,970; Aug. 13.

Bongiovanni, John. (See De Sipio, A. T., Bongiovanni, and Ricci.)

Bonham, Albert W., Jr., and A. B., Clinton, Utah, assignors to Bonham Manufacturing Company, Montello, Nev. Tractor. 2,197,248; Apr. 16.

Bonham, Alvin B. (See Bonham, Albert W., Jr., and A. B.)

Bonham Manufacturing Company. (See Bonham, Albert W., Jr., and A. B., assignors.)

Bonham, Russel A., et al. (See Lamberth, George F., assignor.)

Bonham, William H., Metuchen, assignor to Nixon Nitration Works, Nixon, N. J. Machine for forming tubular bodies. 2,205,029; June 18.

Bonhôte, Gérald, Basel, and C. Apotheker, Riehen, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Hydroxylated 2-aryl-pseudonaphthazimides. 2,198,300; Apr. 23.

Bonnar-Vawter Fanform Company. (See Kreis, Joseph D., assignor.)

Bonnar Vawter Fanform Company. (See O'Brien, Richard J., assignor.)

Bonnaud, Henri, Viroflay, assignor to l'Air Liquide Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude, Paris, France. Apparatus for transferring liquefied gases. 2,217,467; Oct. 8.

Bonneau, Salyme S., McAllen, Tex. Tire-removing and compressing apparatus. 2,212,768; Aug. 27.

Bonnefoy, Victor E., Albuquerque, N. Mex. Water dispenser. 2,199,301; Apr. 30.

Bonner, Douglas E., New York, N. Y. Machine for cleansing and treating. 2,203,251; June 4.

Bonner, Raymond W., and P. D. Hall, assignors, by direct and mesne assignments, of one-half to R. W. Bonner and one-half to H. M. Kirschbaum, Detroit, Mich. Automatic electrical control device. 2,188,973; Feb. 6.

Bonner-Vawter Fanform Company. (See Doty, R. B., and Roos, assignors.)

Bonnet, André. (See Picard, R., and Bonnet.)

Bonnett, Howard T. (See Major, R. T., and Bonnett.)

Bonnett, John, and A. Schillace, Girard, Pa., assignors to Louis Marx & Company, Inc., New York, N. Y. Pursuit toy. 2,227,241; Dec. 31.

Bonney, Alfred, Jr., Verona, and D. S. Gustin, Bloomfield, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Manufacture of lamps. 2,208,113; July 16.

Bonomi, Ottorino. (See Bernstein, William E., assignor.)

Bonorden, Allen R., Plainfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,206,659; July 2.

Bonorden, Allen R., Plainfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph transmitting key. 2,209,506; July 30.

Bonotto, Michele, Evansville, Ind., assignor to Extractol Process, Ltd., Wilmington, Del. Filter for filtering liquids. 2,188,673; Jan. 30.

Bonotto, Michele, Evansville, Ind., assignor to Extractol Process, Ltd., Wilmington, Del. Process in continuous extraction systems of continuously removing from solvent-treated materials, solvents of lower specific gravity. 2,191,255; Feb. 20.

Bonotto, Michele, Evansville, Ind., assignor to Extractol Process, Ltd., Wilmington, Del. Method and mechanism for continuously forming liquid-impervious plugs in extraction units. 2,203,666; June 11.

Bonotto, Michele, Evansville, Ind., assignor to Extractol Process, Ltd., Wilmington, Del. Method and apparatus for continuous counter-current solvent extraction of solid materials. 2,206,595; July 2.

Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Floor rack for refrigerator cars. 2,187,219; Jan. 16.

Bonsall, Charles D., Pittsburgh, Pa., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Floor rack for refrigerator cars. 2,188,171; Jan. 23.

Bonsall, Charles D., Pittsburgh, Pa., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Refrigerator car floor rack. 2,188,851; Jan. 30.

Bonsall, Charles D., Pittsburgh, Pa., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Floor rack for refrigerator cars. 2,188,852; Jan. 30.

Bonsall, Charles D., Pittsburgh, Pa., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Floor for refrigerator car. 2,189,126; Feb. 6.

Bonsall, Charles D., Pittsburgh, assignor to Standard Railway Equipment Manufacturing Company, New Kensington, Pa. Running board construction for car roofs. 2,198,430; Apr. 23.

Bonsall, Charles D., Pittsburgh, Pa., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Floor rack for refrigeration cars. 2,214,547; Sept. 10.

Bonsall, Charles D., Chicago, Ill., assignor to Standard Railway Equipment Manufacturing Company. Hatch plug. 2,224,117; Dec. 3.

Bonsall, Charles D., Chicago, Ill., assignor to Standard Railway Equipment Manufacturing Company. Hatch plug. 2,224,118; Dec. 3.

Bonstedt, Kurt. (See Orthner, L., Balle, Rosenbach, and Bonstedt.)

Bonyun, Morgan E., Penns Grove, N. J., and J. F. Andrews, Chester, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Safety pressure relief device. 2,194,159; Mar. 19.

Boogaard, John V., and R. K. Merrill, assignors to American Seating Company, Grand Rapids, Mich. Chair end standard. 2,199,689; May 7.

Booge, James E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Titanium pigment production. 2,213,542; Sept. 3.

Booge, James E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chalk resistant titanium pigment. 2,224,777; Dec. 10.

Booge, James E., Wilmington, Del., and C. F. Oppermann, Newark, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Pigment process. 2,186,095; Jan. 9.

Booharin, Leo Y., assignor of one-half to G. Kisling, San Francisco, Calif. Apparatus for preventing ice formation on airplane surfaces. 2,217,979; Oct. 15.

Booher, Lela E., New York, N. Y. Vitamin concentration. 2,202,307; May 28.

Book, Howard B., and R. A. Hanlin, assignors to Reed Roller Bit Company, Oklahoma City, Okla. Reamer. 2,189,033; Feb. 6.

Book, Mascotte S., Hermosa Beach, Calif. Signaling device. 2,194,818; Mar. 26.

Book, Raymond H., and U. G. Currier, Rock Falls, Ill., assignors to International Harvester Company. Motor carrier for power shellers. 2,221,536; Nov. 12.

Boomer, George L., assignor to Eastman Kodak Company, Rochester, N. Y. Spreading agent for photographic emulsions. 2,190,645; Feb. 20.

Boomsma, Louis G., New York, N. Y. Connector. 2,219,913; Oct. 29.

Boor, Theodore A., Ashville, Ohio. Plow. 2,210,792; Aug. 6.

Boorman, Arthur, London County, assignor to Betts & Company Limited, London, England. Collapsible tube. 2,197,680; Apr. 16.

Boorman, Harold R., assignor to T. C. Bowles, Los Angles, Calif. Air conditioned wall heater. 2,197,679; Apr. 16.

Boos, Elmer J. (See McGrane, John E., assignor.)

Boosey, Edward W. N., Detroit, Mich. Drainage fitting. 2,201,711; May 21.

Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Heater. 2,191,420; Feb. 20.

Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Heater. 2,196,174; Apr. 9.

Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Automobile-body heater. 2,227,386; Dec. 31.

Booth Francis R. (See Booth, Paul R. and F. R.)

Booth, James D., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Modulation system. 2,214,573; Sept. 10.

Booth, Joseph H., Chicago, Ill. Venetian blind clamp. 2,197,965; Apr. 23.

Booth, Margaret, New York, N. Y. Chart for determining horoscopes. 2,219,378; Oct. 29.

Booth, Morris F., Alden, Mich. Refrigerant evaporator. 2,212,912; Aug. 27.

Booth, Olin R., Cainsville, Mo. Mouse or rat trap. 2,215,028; Sept. 17.

Booth, Paul R., La Fayette, Ind. Apparatus for cutting dried putty from window sashes. 2,219,467; Oct. 29.

Booth, Paul R. and F. R., San Francisco, Calif. Cleaver and knife sharpener. 2,200,614; May 14.

Booth, Robert B., Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y. Reacting carbon dioxide and ammonia. 2,194,082; Mar. 19.

Booth, Robert B., Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y. Depression of gangue during flotation. 2,211,686; Aug. 13.

Booth, Robert B., Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y. Dyes in cyanidation. 2,220,034; Oct. 29.

Booth, Thomas E., Mountain View, N. J., assignor, by mesne assignments, to The Guardite Corporation, Chicago, Ill. Treating tobacco. 2,217,936; Oct. 15.

Booth, Thomas K., Bronx, N. Y. Fare antitheft device for taxicabs. 2,194,273; Mar. 19.

Booth, William E., Runcorn, England, assignor to Imperial Chemical Industries Limited. Safety device for distillation apparatus and the like. 2,194,351; Mar. 19.

Boothby Fibre Can Company. (See Gazette, Marshall E., assignor.)

Boothroyd, Hubert. (See Barclay, W. R., and Boothroyd.)
Boothroyd, Hubert. (See Clarke, T. B., and Boothroyd.)
Boothroyd, Hubert. (See Pratt, J. W., and Boothroyd.)
Booton, Leon W., and R. R. Burns, Copperhill, Tenn., assignors to Tennessee Copper Company, New York, N. Y. Process and apparatus for oxidizing sulphide ores. 2,210,479; Aug. 6.
Bootree Mfg. Co. Inc. (See Plotkin, Leighton B., assignor.)
Booty, Kelvin H., assignor to Sears, Roebuck and Co., Chicago, Ill. Bicycle. 2,199,536; May 7.
Booty, Kelvin H., assignor to Sears, Roebuck and Co., Chicago, Ill. Syringe. 2,204,654; June 18.
Booty, Philip C., Jr., Chicago, Ill., assignor to International Harvester Company. Device for assembling ball bearings. 2,204,655; June 18.
Booty, Philip C. P., Chicago, assignor of one-third to W. E. O'Neil and one-third to L. D. Winters, Evanston, Ill. Carburetor. 2,203,858; June 11.
Booty, Philip C. P. and R. G., assignors, by mesne assignments, to Reichel & Drews, Inc., Chicago, Ill. Filming machine. 2,218,129; Oct. 15.
Booty, Raymond G. (See Booty, Philip C. P. and R. G.)
Borah, John E., Penn Township, St. Joseph County, Ind. Shipping box. 2,203,127; June 4.
Borah, John E., Penn Township, St. Joseph County, Ind. Shipping box. 2,226,215; Dec. 24.
Borba, Edward J., South San Francisco, Calif. Illuminated baton. 2,225,151; Dec. 17.
Borch, Niels S., Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y. Rotary kiln. 2,196,245; Apr. 9.
Borch, Niels S., Copenhagen, and K. Middelboe, Frederiksberg, near Copenhagen, Denmark, assignors to F. L. Smidth & Company, New York, N. Y. Slurry drying device. 2,187,800; Jan. 23.
Borchardt, Lester F., Minneapolis, Minn., assignor to General Mills, Inc. Electric light source for examinations of transparent media. 2,206,344; July 2.
Borchers, Alwin C., assignor to The General Industries Company, Elyria, Ohio. Bearing construction. 2,213,333; Sept. 3.
Borchers, William G., assignor to Autographic Register Company, Hoboken, N. J. Manifolding machine. 2,209,898; July 30.
Borchers, William G., assignor to Autographic Register Company, Hoboken, N. J. Manifolding register. 2,212,853; Aug. 27.
Bordeaux, Claude G. (See White, F. S., and Bordeaux.)
Borden, Albert. (See Bensel, Duryea, assignor.)
Borden Company, The. (See Ansbacher, S., Flanigan, and Supplee, assignors.)
Borden Company, The. (See Butterworth, T. H., and Sommer, assignors.)
Borden Company, The. (See Jack, Eugene L., assignor.)
Borden Company, The. (See Kinney, Walter B., assignor.)
Borden Company, The. (See Platt, W., and Kratz, assignors.)
Borden Company, The. (See Powers, Raymond, assignor.)
Borden Company, The. (See Supplee, George C., assignor.)
Borden Company, The, et al. (See Supplee, G. C., and Dorcas, assignors.)
Borden Company, The. (See Webb, R. E., and Platt, assignors.)
Borden Company, The. (See Wolcott, H., and Edmunds, assignors.)
Borden, Harry F. (See Painter, Claude D., assignor.)
Borden, Harry F., San Francisco, Calif. Bottle cuff. 2,199,037; Apr. 30.
Borden, John A., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Tape dispenser. 2,221,213; Nov. 12.
Borden, Moro M., assignor to Simplex Valve and Meter Company, Philadelphia, Pa. Air release valve for sewage lines. 2,204,788; June 18.
Borden, Moro M., assignor to Simplex Valve and Meter Company, Philadelphia, Pa. Piezometer connection. 2,219,220; Oct. 22.
Borden, Perry A., assignor to The Bristol Company, Waterbury, Conn. Rheostat for electrical measuring circuits. 2,220,951; Nov. 12.
Borden, Stephen W. (See Roe, Ralph C., assignor.)
Borden, Stephen W., Summit, N. J. Tracer current detector. 2,199,846; May 7.
Border, James D., Detroit, Mich., assignor to Associated Spring Corporation, Bristol, Conn. Antenna device. 2,188,143; Jan. 23.
Borek, Benjamin, Chicago, Ill. Amusement device. 2,198,075; Apr. 23.
Borel, Edouard V., Sous-le-Poyet at Romont, Switzerland, assignor to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris (Seine), France. Electric furnace for melting glass. 2,225,616; Dec. 24.
Borel, Edouard V., Romont, Switzerland, and Y. Peyches, assignors to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Electric heating of liquid baths. 2,225,617; Dec. 24.
Borg, Alton C. (See Ingersoll, H. G., and Borg.)
Borg-Warner Corporation. (See Ahlbrandt, John P., assignor.)
Borg-Warner Corporation. (See Anderson, Edmond B., assignor.)
Borg-Warner Corporation. (See Banning, Thomas A., Jr., assignor.)
Borg-Warner Corporation. (See Barker, Henry T., assignor.)
Borg-Warner Corporation. (See Barr, Bruce A., assignor.)
Borg-Warner Corporation. (See Baule, Werner G., assignor.)
Borg-Warner Corporation. (See Berg, Louis B., assignor.)
Borg-Warner Corporation. (See Blood, H. E., and Norberg, assignors.)
Borg-Warner Corporation. (See Bush, Theodore R., assignor.)
Borg-Warner Corporation. (See Bush, T. R., and Bickle, assignors.)
Borg-Warner Corporation. (See Caldwell, Stuart H., assignor.)
Borg-Warner Corporation. (See Caldwell, S. H., and Linton, assignors.)
Borg-Warner Corporation. (See Caldwell, W. B., and Peters, assignors.)
Borg-Warner Corporation. (See Firth, David, assignor.)
Borg-Warner Corporation. (See Frechtling, W. H., and Ahlbrandt, assignors.)
Borg-Warner Corporation. (See Grannan, W. D., and Kelly, assignors.)
Borg-Warner Corporation. (See Greif, Edward J., assignor.)
Borg-Warner Corporation. (See Haigh, Vaughn, assignor.)
Borg-Warner Corporation. (See Heesch, William F., assignor.)
Borg-Warner Corporation. (See Heinze, Max P., assignor.)
Borg-Warner Corporation. (See Herz, Ferdinand B., assignor.)
Borg-Warner Corporation. (See Higgs, Charles W., assignor.)
Borg-Warner Corporation. (See Hubacker, Earl F., assignor.)
Borg-Warner Corporation. (See Hunt, George H., assignor.)
Borg-Warner Corporation. (See Ingersoll, H. G., and Borg, assignors.)
Borg-Warner Corporation. (See Ingersoll, Roy C., assignor.)
Borg-Warner Corporation. (See Ingersoll, R. C., and Sullivan, assignors.)
Borg-Warner Corporation. (See Johnson, Stanley, assignor.)
Borg-Warner Corporation. (See Lyman, Kenneth E., assignor.)
Borg-Warner Corporation. (See Mills, Herbert E., assignor.)
Borg-Warner Corporation. (See Morley, H., and Buchanan, assignors.)
Borg-Warner Corporation. (See Mueller, Moritz L., assignor.)
Borg-Warner Corporation. (See Mueller, M. L., and Neumann, assignors.)
Borg-Warner Corporation. (See Nutt, H., and Smirl, assignors.)
Borg-Warner Corporation. (See Orr, Palmer, assignor.)
Borg-Warner Corporation. (See Osborne, William B., assignor.)
Borg-Warner Corporation. (See Reed, Harold V., assignor.)
Borg-Warner Corporation. (See Scherer, Harold L., assignor.)
Borg-Warner Corporation. (See Sherman, Alvin G., assignor.)
Borg-Warner Corporation. (See Swennes, Benjamin A., assignor.)
Borg-Warner Corporation. (See Swenson, Carl E., assignor.)
Borg-Warner Corporation. (See Walberg, H. J., and Peters, assignors.)
Borg-Warner Corporation. (See White, Samuel O., assignor.)
Borg-Warner Corporation. (See White, S. O., and Barr, assignors.)
Borg-Warner Corporation. (See White, S. O., and Orr, assignors.)
Borgadt, John B., East Cleveland, Ohio. Apparatus for finishing welded tubing. 2,187,485; Jan. 16.
Borge, Ernest W. (See Roby, K. K., and Borge.)
Borge, Johan, Bellport, assignor to Electro-Refractories & Alloys Corporation, Buffalo, N. Y. Diffuser. 2,218,635; Oct. 22.
Borgen, Oscar M., Dallas, Wis. Steel fence post. 2,222,249; Nov. 19.
Borgeson, Carl A., East Orange, F. J. Carter, Milburn, and G. R. Drake, Bloomfield, N. J., P. E. Groome, Jackson Heights, N. Y., and F. H. Hanley, Butler, N. J., assignors to American Telephone and Telegraph Company. Communication system. 2,224,250; Dec. 10.
Borgeson, Olaf H., Wellesley Hills, Mass. Snow plow. 2,188,805; Jan. 30.
Borgeson, Sidney E., Rome, assignor to General Cable Corporation, New York, N. Y. Sheathed core. 2,187,391; Jan. 16.

Borghetty, Hector C., Jewett City, Conn. Apparatus for treating fabrics. 2,196,655; Apr. 9.
Borglin, Joseph N. (See Humphrey, I. W., and Borglin.)
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Production of terpene derivatives. 2,188,495; Jan. 30.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Separation of chemically modified rosins and their esters into components. 2,191,306; Feb. 20.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Separation of chemically modified rosins and their esters into components. 2,191,307; Feb. 20.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Separation of chemically modified rosins and their esters into components. 2,191,308; Feb. 20.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Separation of chemically modified rosins and their esters into components. 2,191,309; Feb. 20.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Separation of chemically modified rosins and their esters into components. 2,191,310; Feb. 20.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Separation of chemically modified rosins and their esters into components. 2,191,311; Feb. 20.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Wetting agent and producing the same. 2,202,686; May 28.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Parasiticide derived from terpenes. 2,209,184; July 23.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Preparation of terpene derivatives. 2,214,039; Sept. 10.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Terpene-cyanoacyl compound and producing the same. 2,217,611; Oct. 8.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Terpene-cyanoacyl compound and producing same. 2,217,612; Oct. 8.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Terpene-cyanoacyl compound and producing same. 2,217,613; Oct. 8.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Terpene-cyanoacyl compound and producing same. 2,217,614; Oct. 8.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Terpene-cyanoacyl compound and producing same. 2,217,615; Oct. 8.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Terpene-cyanoacyl compound and producing same. 2,227,058; Dec. 31.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Terpene-cyanoacyl compound and producing same. 2,227,059; Dec. 31.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Terpene-cyanoacyl compound and producing same. 2,227,060; Dec. 31.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Preparation of terpene esters. 2,227,061; Dec. 31.
Borgognoni, Serafino. (See Pirani, F., and Borgognoni.)
Borgward, Carl, Bremen, Germany. Rear axle drive and suspension means. 2,226,047; Dec. 24.
Bork, George H., Holyoke, assignor to Harvey-Whipple, Inc., Springfield, Mass. Heating apparatus. 2,210,890; Aug. 13.
Bork, George H., Holyoke, assignor to Harvey-Whipple, Inc., Springfield, Mass. Boiler. 2,210,891; Aug. 13.
Bork, Otto, Berlin-Treptow, Germany, assignor to General Electric Company. Bimetallic thermal release. 2,213,080; Aug. 27.
Borkenstein, William F., Fort Wayne, Ind. Electric outlet fixture and extension cord therefor. 2,186,601; Jan. 9.
Börkey, Walter, Hagen, Westphalia, Germany, assignor to Rendan Holdings Limited, Guernsey, Channel Island. Apparatus for coiling wire. 2,206,627; July 2.
Borland, Alexander, and C. E. Hymers, Pontiac, and A. W. Spencer, Rochester, Mich. Syringe. 2,185,536; Jan. 2.
Borland, Bruce, Chicago, Ill. Moistening device. 2,211,555; Aug. 13.
Borloz, Charles A. (See Robinson, W. Westemeyer, and Borloz.)
Borman, Philip K. (See Stoddard, E. S., and Borman.)
Born, Ernest R., Cavalier, N. D. Bridge for stringed instruments. 2,199,612; May 7.
Born, Julius M., assignor, by mesne assignments, to Vulcan Manufacturing Co., Inc., St. Paul, Minn. Service unit for air cleaners. 2,208,244; July 16.
Borneman, George, Millville, N. J. Fishing float. 2,203,252; June 4.
Bornemann, Ferdinand, H. Huber, and H. Mengele, Wiesbaden-Biebrich, Amoneburg, assignors to Chemische Werke, vorm. H. & E. Albert, Wiesbaden-Biebrich, Germany. Production of sulphur dioxide from calcium sulphate. 2,222,740; Nov. 26.
Bornemann, Theodor. (See Stahn, A., and Bornemann.)
Bornemann, William. (See Tuttle, C. M., and Bornemann.)
Bornkessel, Paul, Berlin, assignor to firm F. Kuppersbuch & Sohne A. G., Gelsenkirchen, Germany. Device for grilling and other cooking operations. 2,196,175; Apr. 9.
Borregard, Ernst, Woodmere, N. Y. Display poster device. 2,200,533; May 14.
Borresen, Nico, Los Angeles, Calif., assignor to Nicostat Products Co., Buffalo, N. Y. Fluid flow control device. 2,215,954; Sept. 24.
Borsarelli, Ottavio, Turin, Italy. Glass for motor vehicle lights. 2,220,639; Nov. 5.
Borse, Felix W., Bronx, and C. R. Hiers, Great Neck, Long Island, N. Y., assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,224,629; Dec. 10.
Borsoff, Victor N. (See Humphreys, R. L., and Borsoff.)
Borsoff, Victor N. (See Kavanagh, F. W., Borsoff, and Humphreys.)
Borst, Albert. (See Obdozinski, Anton, assignor.)
Borst, Helmut, Berlin-Kopenick, Germany. Photographic developer and process of development. 2,192,891; Mar. 12.
Borstel, Walter, Dessau-Siedlung, assignor to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau, Germany. Welding apparatus. 2,217,468; Oct. 8.
Borton, Alwyn E., South Orange, assignor to Associated Patentees, Inc., Ampere, N. J. Stock reel. 2,227,387; Dec. 31.
Boruchowitz, Joseph, Bronx, N. Y. Sewing machine attachment. 2,193,617; Mar. 12.
Borzym, Alexander, Detroit, Mich., assignor to The Yoder Company, Cleveland, Ohio. Cut-off mechanism. 2,198,599; Apr. 30.
Borzym, Alexander, Detroit, Mich., assignor to The Yoder Company, Cleveland, Ohio. Cutoff mechanism. 2,205,389; June 25.
Bosanquet, Claude H. (See Clark, W. J., Bosanquet, Bell, and Matthews.)
Bosari Tank Corporation of America. (See Schorer, Herman, assignor.)
Bosbach, Peter, and E. Keller, Hilden, Rhineland, Germany. Production of rolled and stamped table and kitchen articles. 2,186,602; Jan. 9.
Boscardin, John M., Hartford, Conn. Smoking pipe. 2,191,165; Feb. 20.
Bosch, Henry, Jr., San Francisco, Calif. Retrieving mechanism. 2,214,759; Sept. 17.
Bosch, Johann J., Hohenzollern, Germany, deceased; W. Bosch, administrator, assignor to R. Grohskopf, New York, N. Y. Apparatus for the protection of edges of flat sheets, as paper, linen, or the like. 2,219,678; Oct. 29.
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Baer, Ernst, assignor.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Dorn, Walter, assignor.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Heinrich, H., and Janssen, assignors.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Heinrich, H., and Schweizer, assignors.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Heinrich, H. Zeuch, and Meyer, assignors.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Hurst, Max, assignor.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Hurst, M., and Beck, assignors.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Hurst, M., Hammer, and Raithelhuber, assignors.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Janssen, Johann F., assignor.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Klett, Erich, assignor.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Langecker, Alfons, assignor.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Linder, Rudolf, assignor.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Ortlieb, Alfred, assignor.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Ortlieb, A., and Sträb, assignors.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Schweizer, A., and Hurst, assignors.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Schweizer, Karl, assignor.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Schwenk, Willy, assignor.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Weber, J., Stoll, and Hurst, assignors.)
Bosch, Robert, Gesellschaft mit Beschränkter Haftung. (See Wunderlich, Friedrich, assignor.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Zimmermann, Gustav, assignor.)
Bosch, Waldemar, administrator. (See Bosch, Johann J.)
Boschetto, Louis. (See Roccabruna, H., and Boschetto.)
Bosco, George B. (See Mueller, H., and Bosco.)
Bosco, George B., Chicago, Ill. Liner clamp for panel form walls. 2,188,400; Jan. 30.
Bösel, Richard, Fallingbostel, and A. Seib, Mannheim, Germany, assignors to Sylvania Industrial Corporation, Fredericksburg, Va. Process and apparatus for forming tubing. 2,223,057; Nov. 26.

Bösing, Ernst, Berlin, Germany, assignor to Edeleanu Gesellschaft, m. b. H. Separating hydrocarbon oils. 2,201,120; May 14.
Bösing, Ernst, Berlin, Germany, assignor to Edeleanu Gesellschaft, m. b. H. Separating hydrocarbon mixtures. 2,208,534; July 16.
Bosland, Herman S., Paterson, N. J., assignor to Stein, Hall & Company, Inc., New York, N. Y. Sizing and desizing of regenerated cellulose textile materials. 2,192,218; Mar. 5.
Bosland, Herman S., Paterson, N. J., assignor to Stein, Hall & Company, Inc., New York, N. Y. Sizing of cellulose ether and ester materials. 2,192,219; Mar. 5.
Bosler, Charles W., et al. (See Stahr, John A., assignor.)
Bosomworth, George P., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vulcanizer. 2,200,871; May 14.
Boss, J. Harold. (See Jones, Daniel H., assignor.)
Boss Manufacturing Company, The. (See Gillian, Herman A., assignor.)
Bossart, John, Los Angeles, Calif., assignor to Loew's Incorporated. Suspension system for a camera and light stage. 2,190,093; Feb. 13.
Bosse, George F. (See Sussman, S., and Bosse.)
Bosse, Rudolf, Hanover, Germany. Card registry. 2,192,178; Mar. 5.
Bossel, Hugo. (See Hennicke, A., and Bossel.)
Bossert Company, The. (See Clement, Walter J., assignor.)
Bossi, Romeo A., Newton Center, Mass. Highway striper. 2,221,908; Nov. 19.
Bost, David E., Galesburg, Ill. Stock fastening means. 2,187,640; Jan. 16.
Bostelmann, John C., Jr., Hastings on Hudson, N. Y. Chart for piano playing. 2,188,098; Jan. 23.
Bostelmann, William E., Oak Park, Ill. Combined carbonator and bottle filler with auxiliary counterpressure chamber. 2,216,902; Oct. 8.
Bostian, Kenneth V., Independence, Mo. Coin attachment. 2,196,850; Apr. 9.
Bostic, Charles S., Jr., Los Angeles, Calif. Changeable show window. 2,196,095; Apr. 2.
Boston Machine Works Company. (See Sutherland, Holton M., assignor.)
Boston Wire Stitcher Company. (See Cavanagh, John F., assignor.)
Boston Wire Stitcher Company. (See Davis, E. W., and Maynard, assignors.)
Boston Wire Stitcher Company. (See Germain, Peter O., assignor.)
Boston Wire Stitcher Company. (See Harred, George H., assignor.)
Boston Wire Stitcher Company. (See Lawrence, Leonard D., assignor.)
Boston Wire Stitcher Company. (See Maynard, Arthur H., assignor.)
Boston Wire Stitcher Company. (See Maynard, A. H., and Gambao, assignors.)
Boston Woven Hose & Rubber Company. (See Harrison, Arthur, assignor.)
Boston Woven Hose & Rubber Company. (See McKay, Hunter, assignor.)
Boston Woven Hose & Rubber Company. (See Smith, J. N., and Bierer, assignors.)
Bostwick, Henry C., Coventry Township, Summit County, assignor to The Akron Standard Mold Company, Akron, Ohio. Collapsible drum. 2,201,468; May 21.
Bostwick, Henry C., Coventry Township, Summit County, assignor to The Akron Standard Mold Company, Akron, Ohio. Collapsible form. 2,201,469; May 21.
Bostwick, Henry C., Coventry Township, Summit County, assignor to The Akron Standard Mold Company, Akron, Ohio. Tire tread splice stitcher. 2,201,470; May 21.
Bostwick, Henry C., Coventry Township, Summit County, assignor to The Akron Standard Mold Company, Akron, Ohio. Rod packing. 2,201,471; May 21.
Bostwick, Henry C., Coventry Township, Summit County, assignor to The Akron Standard Mold Company, Akron, Ohio. Vulcanizing press. 2,224,336; Dec. 10.
Bostwick, Henry C., Akron, Ohio, assignor to Akron Standard Mold Company. Making tire molds. 2,224,337; Dec. 10.
Bostwick Steel Lath Company, The. (See Purser, W. J., and Coryell, assignors.)
Boswau, Hans P., assignor to The Lorain Telephone Company, Lorain, Ohio. Signaling system. 2,198,901; Apr. 30.
Boswau, Hans P., Lorain, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 2,200,820; May 14.
Boswau, Hans P., Lorain, assignor to The North Electric Manufacturing Company, Galion, Ohio. Supervisory control system. 2,208,535; July 16.
Boswau, Hans P., Lorain, Ohio, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Measured service telephone system. 2,217,041; Oct. 8.
Boswau, Hans P., Lorain, Ohio. Impulse sender. 2,225,680; Dec. 24.
Bosworth, Arthur H., et al. (See Long, R. G., and French, assignors.)
Bosworth, Thomas E., Cranston, R. I., assignor to Universal Optical Corporation. Ophthalmic lens mounting. 2,208,356; July 16.
Both, Edward T., Adelaide, South Australia, assignor to Both Electro Cardiograph Limited, Adelaide, Australia. Electrocardiograph. 2,193,471; Mar. 12.
Both Electro Cardiograph Limited. (See Both, Edward T., assignor.)
Bothe, Meinrad C., Franklin, and F. X. Pfohl, Sharonville, assignors to The Logan-Long Company, Chicago, Ill. Roofing. 2,193,472; Mar. 12.
Botkin, Millard, Kansas City, and C. F. Nord, Sr., Louisiana, Mo. Pearl baking shell. 2,200,325; May 14.
Botsford, Nelson, Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Four-wire signaling circuits. 2,207,531; July 9.
Bott, George R., Stamford, Conn., deceased; The Stamford Trust Company, executor. Razor of the vibratory type. 2,194,465; Mar. 26.
Bott, George R., Stamford, Conn., deceased; The Stamford Trust Company, executor. Making parts of safety razors of the vibratory type. 2,195,163; Mar. 26.
Bott, George R., Stamford, Conn., deceased; The Stamford Trust Company, executor. Safety razor. 2,195,164; Mar. 26.
Bott, George R., deceased, Stamford, Conn.; The Stamford Trust Company, executor. Electrical motor. 2,196,189; Apr. 9.
Bott, George R., Stamford, Conn., deceased; The Stamford Trust Company, executor. Safety razor. 2,222,308; Nov. 19.
Bottaro, Giacomo, Milan, Italy. Countercurrent extraction. 2,218,080; Oct. 15.
Botten, John B., Shaker Heights, Ohio. Bucket operating mechanism. 2,204,883; June 18.
Botteron, Leonard K., Omaha, Nebr. Burner mount for oil burning locomotives. 2,189,877; Feb. 13.
Böttger, Oswald, and J. Hillmann, assignors to Miag Mühlenbau und Industrie Aktiengesellschaft, Brunswick, Germany. Weighing and sack filling machine. 2,193,709; Mar. 12.
Bottle, Edward K., Elmira, N. Y., assignor, by mesne assignments, to American Sales Book Company, Inc. Record assembly. 2,217,506; Oct. 8.
Bottle, Edward K., deceased, Elmira, N. Y., by S. J. Bottle, administratrix, Rivera, Calif., assignor to American Sales Book Company, Inc. Record assembly. 2,217,507; Oct. 8.
Bottle, Sara J., administratrix. (See Bottle, Edward K.)
Bottlers Equipment Company. (See Gibbs, Curtis W., assignor.)
Bottoms, Robert R. (See Pittman, E. E., and Bottoms, assignors.)
Bottos, Guy, Mimico, Ontario, Canada. Bicycle or exercise machine. 2,198,717; Apr. 30.
Bouchard, Blanche E. (See Du Grenier, Francis C., assignor.)
Bouchard, Samuel E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,204,470; June 11.
Boucher, Charles P., Montreal, Quebec, Canada, assignor to Boucher Inventions, Limited. Luminescent tube and system. 2,190,009; Feb. 13.
Boucher, Charles P., Montreal, Quebec, Canada, assignor to Boucher Inventions, Limited. Luminescent tube system and apparatus. 2,190,010; Feb. 13.
Boucher Inventions, Limited. (See Boucher, Charles P., assignor.)
Boucher, Malcolm M., Tacoma, Wash., assignor to Behr-Manning Corporation, Troy, N. Y. Abrasive wheel. 2,197,741; Apr. 16.
Boudreau, Anthony P. J., Garden City, assignor to The Western Union Telegraph Company, New York, N. Y. Power level indicator. 2,189,660; Feb. 6.
Boudreau, Claude J., Medford, Mass. Davit. 2,196,518; Apr. 9.
Bouges, Holfort E., New York, N. Y. Purse. 2,200,147; May 7.
Boughter, William H., assignor to Superior Tube Company, Norristown, Pa. Radio antenna. 2,222,527; Nov. 19.
Boughton, Roy S., Bloomington, Ill. Combined window shade bracket, curtain holder, and drapery support. 2,192,671; Mar. 5.
Boughton, Willis A., Cambridge, and W. R. Mansfield, Boston, assignors, by mesne assignments, to New England Mica Company, Waltham, Mass. Manufacturing high temperature mica products. 2,186,954; Jan. 16.
Boughton, Willis A., Cambridge, and W. R. Mansfield, Boston, assignors, by mesne assignments, to New England Mica Company, Waltham, Mass. Bonded compound. 2,196,971; Apr. 16.
Boughton, Willis A., Cambridge, and W. R. Mansfield, Boston, assignors, by mesne assignments, to New England Mica Company, Waltham, Mass. Bonded product and making. 2,196,972; Apr. 16.
Boughton, Willis A., Cambridge, and W. R. Mansfield, Boston, assignors, by mesne assignments, to New England Mica Company, Waltham, Mass. Bonded material and making. 2,196,973; Apr. 16.
Boughton, Willis A., Cambridge, and W. R. Mansfield, Boston, assignors, by mesne assignments, to New England Mica Company, Waltham, Mass. Bonded material and making. 2,196,974; Apr. 16.
Boulais, Wilfrid, Upper Darby, assignor to H. Brinton Co., Philadelphia, Pa. Knitting machine. 2,202,824; June 4.

Boulich, Victor R., St. Janvier, Quebec, Canada. Filling machine. 2,186,358; Jan. 9.
Boulter, Marvin O., Hobbs, N. Mex. Well tubing paraffin remover. 2,210,359; Aug. 6.
Boulton, Arthur, Gwynedd Valley, Pa. Ankle joint for artificial limbs. 2,186,540; Jan. 9.
Boundy, A. J., et al. (See Miller, Dee, assignor.)
Boundy, Ray H. (See Stoesser, S. M., and Boundy.)
Bour, Paul L. (See Bruzau, M. F. A., Van Mierlo, and Bour.)
Bourdon, Pierre M., Paris, assignor to Michelin et Cie., Clermont-Ferrand, France. Valve for pneumatic tires. 2,192,572; Mar. 5.
Bourdon, Pierre M., Paris, assignor to Michelin et Cie., Clermont-Ferrand, France. Wheel. 2,214,319; Sept. 10.
Bourjois, Inc. (See Holt, Chandler, assignor.)
Bourke, Richard J., et al. (See Granville, Harry, Sr., assignor.)
Bourland, Charles R., Kopperston, W. Va., assignor to Portable Lamp & Equipment Company, Pittsburgh, Pa. Transition rail. 2,209,725; July 30.
Bourland, Eli, assignor to Crown Can Company, Philadelphia, Pa. Metal container. 2,202,084; May 28.
Bourland, Langford T., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Integrating X-ray dosage meters. 2,189,623; Feb. 6.
Bourland, Langford T., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Make-alive electrode. 2,214,607; Sept. 10.
Bourne, Harry K. (See Scott, W. J., and Bourne.)
Bourne, Roland B., West Hartford, assignor to The Maxim Silencer Company, Hartford, Conn. Frequency analyzer. 2,219,803; Oct. 29.
Bourque, Philip, Detroit, Mich. Electrode holder. 2,200,947; May 14.
Bousquet, Euclid W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Contact insecticide. 2,194,517; Mar. 26.
Boust, William H., Audubon, Iowa. Memorandum pencil. 2,224,470; Dec. 10.
Boutell Manufacturing Company. (See Miller, Joseph A., assignor.)
Boutin, Leo J., Minneapolis, Minn. Decoy. 2,227,242; Dec. 31.
Bouton, Edgar M. (See Williams, H. W., and Bouton.)
Bouton, Edgar M., Nutley, assignor to Westinghouse Electric Elevator Company, Jersey City, N. J. Elevator door operating system. 2,200,074; May 7.
Bouton, Edgar M., Nutley, and R. E. Ward, assignors to Westinghouse Electric Elevator Company, Jersey City, N. J. Automatic elevator system. 2,224,718; Dec. 10.
Bouton, Fletcher P., St. Petersburg, Fla. Fish lure. Re. 21,553; Sept. 10.
Boutwell, Clarence E., Birmingham, Ala. Printing plate composition. 2,219,587; Oct. 29.
Bouvier, Adelard A., J. Kostolecki, and W. E. Sherman, assignors to Jarvis & Jarvis, Inc., Palmer, Mass. Caster. 2,188,648; Jan. 30.
Bouvier, George A. (See Gille, W. H., and Bouvier.)
Bouvy, Christiaan H. (See Gordon, J. F., and Bouvy.)
Bouwers, Albert, Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Television receiving system. 2,193,857; Mar. 19.
Bouwers, Albert, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. High-voltage discharge tube. 2,202,687; May 28.
Bouwers, Albert, Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Cathode ray tube. 2,211,843; Aug. 20.
Bouwers, Albert, Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Voltage converter. 2,219,292; Oct. 29.
Bouwers, Albert, Eindhoven, Netherlands, and A. Kuntke, Hamburg, Germany, assignors, by mesne assignments, to Hartford National Bank and Trust Company, trustee, Hartford, Conn. Voltage multiplier. 2,213,199; Sept. 3.
Bow, Andrew W., Detroit, Mich. Animal display bench. 2,222,974; Nov. 26.
Bow, Marvin H., Kilgore, Tex. Gauge line wiper. 2,201,517; May 21.
Bowan, Walter J. (See Mueller, F. H., Bowan, and Fawley.)
Bowden (Engineers) Limited. (See Tondeur, Rene, assignor.)
Bowdil Company, The. (See Bowman, Charles L., assignor.)
Bowdil Company, The. (See Morrow, Harry M., assignor.)
Bowdish, Meredith E., Venice, assignor to W. H. Fabry, Alhambra, Calif. Vehicle air conditioner. 2,189,391; Feb. 6.
Bowdoin, George E., New York, and W. Strobridge, Syracuse, assignors to United States Hoffman Machinery Corporation, New York, N. Y. Apparatus for drying. 2,217,153; Oct. 8.
Bowen, Arnold E., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Guided wave transmission. 2,197,122; Apr. 16.
Bowen, Cecil L. and J. A., Pueblo, Colo. Fuel feeding means for internal combustion engines and the like. 2,197,236; Apr. 16.
Bowen, Charles V., Bethesda, Md., assignor to Henry A. Wallace, as Secretary of Agriculture, of the United States of America, and his successors in office. Insecticide. 2,224,243; Dec. 10.
Bowen, Dugan L., Hydro, Okla. Motor head handle. 2,193,054; Mar. 12.
Bowen, George W., Houston, Tex. Inside pipe cutter. 2,219,148; Oct. 22.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure system. 2,190,228; Feb. 13.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Hydraulic brake system. 2,196,190; Apr. 9.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Brake. 2,196,333; Apr. 9.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure producing device. 2,197,681; Apr. 16.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure producing device. 2,200,666; May 14.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Automatic adjuster. 2,200,910; May 14.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure braking system. 2,201,518; May 21.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Automatic adjuster. 2,206,628; July 2.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure braking system. 2,206,629 · July 2.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Automatic adjuster. 2,211,639; Aug. 13.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure producing device. 2,213,946; Sept. 10.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure braking system. 2,213,947; Sept. 10.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure actuated motor. 2,213,948; Sept. 10.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Automatic adjuster for brakes. 2,220,809; Nov. 5.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Brake. 2,223,546; Dec. 3.
Bowen, John A. (See Bowen, Cecil L. and J. A.)
Bowen, Kenneth H., assignor to Columbian Rope Company, Auburn, N. Y. Composite parti-resilient body. 2,186,402; Jan. 9.
Bowen, Leslie G., Kansas City, Mo. Speed reducer. 2,189,776; Feb. 13.
Bowen, Leslie G., Kansas City, Mo. Two-speed sprocket. 2,214,828; Sept. 17.
Bowen, Myron W., assignor to Hydraulic Brake Company, Detroit, Mich. Hydraulic brake system. 2,195,558; Apr. 2.
Bowen, Roy, Hoopeston, Ill. Animal trap. 2,225,254; Dec. 17.
Bowen, William S., Westfield, N. J. Making a potato starch product. 2,185,368; Jan. 2.
Bowen, William S., Westfield, N. J. Atomizer device. 2,185,369; Jan. 2.
Bowen, William S., Westfield, N. J. Drying chamber. 2,222,396; Nov. 19.
Bower, Byron F., assignor to The Howell Company, St. Charles, Ill. Fuel feed control mechanism. 2,185,686; Jan. 2.
Bower, Charles P., Flint, Mich. Amalgam carrier. 2,225,900; Dec. 24.
Bower, Eugene, Angola, N. Y. Seed planter. 2,204,245; June 11.
Bower, G. A., et al. (See Francis, George W., Sr., assignor.)
Bower, George D., Columbia Heights, assignor to Minneappolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel burner control system. 2,188,565; Jan. 30.
Bower, George D., Columbia Heights, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heating system. 2,207,083; July 9.
Bower, Howard W., assignor to Golden State Supply Co., Los Angeles, Calif. Transparent elastic surgical bandage. 2,226,546; Dec. 31.
Bower, James A., Chester, W. Va., assignor to The Taylor, Smith & Taylor Company. Apparatus for sand blasting ceramic ware. 2,195,810; Apr. 2.
Bower, Jerome G., New York, N. Y., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Railway car truck. 2,224,136; Dec. 10.
Bower, John R. (See Bitler, W. T., Bower, and McBride.)
Bower, Justus H., Rutherford, and J. C. Wright, Millburn N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Battery unit. 2,209,185; July 23.

Bower, Raymond G., Bloomfield Hills, assignor to Burroughs Adding Machine Corporation, Detroit, Mich. Calculating machine. 2,214,897; Sept. 17.
Bower Roller Bearing Company. (See Schreiber, Albert J., assignor.)
Bowers, Charles E., Chester, Pa. Face and head protective device. 2,194,492; Mar. 26.
Bowers, Frederick M., Chester, Pa. Filter glass holder. 2,186,817; Jan. 9.
Bowers, Frederick M., Chester, Pa. Adjustable headband. 2,205,741; June 25.
Bowers, Frederick M., Chester, Pa. Adjustable headband. 2,205,742; June 25.
Bowers, Frederick M., assignor to The Fibre-Metal Products Company, Chester, Pa. Adjustable headband. 2,213,118; Aug. 27.
Bowers, Herbert L. (See Wolf, R. A., and Bowers.)
Bowers, Herbert L., Kenmore, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Door construction for aircraft. 2,196,546; Apr. 9.
Bowers, Herbert L., Kenmore, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Control unit. 2,206,475; July 2.
Bowers, Herbert L., Kenmore, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Retractable antenna. 2,207,084; July 9.
Bowers, Herbert L., and R. A. Wolf, Kenmore, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Control column for airplanes. 2,206,473; July 2.
Bowers, Herbert L., and R. A. Wolf, Kenmore, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Airplane control column. 2,206,474; July 2.
Bowers, James I., Burns, Oreg. Blower fan. 2,208,890; July 23.
Bowers, Joseph H. (See Morris, G., and Bowers.)
Bowers, Thomas A., assignor to Power Research Corporation, Boston, Mass. Sheet metal piston ring. 2,224,338; Dec. 10.
Bowers, William W., Chicago, Ill., assignor to Wilson & Co., Inc. Leaching meat. 2,203,454; June 4.
Bowersock, Wilber E. (See Wilson, Brainard M., assignor.)
Bowersox, Joseph W., Glen Ellyn, Ill. Couch. 2,200,052; May 7.
Bowersox, Joseph W., Glen Ellyn, assignor to Superior Sleeprite Corporation, Chicago, Ill. Furniture. 2,187,713; Jan. 16.
Bowersox, Joseph W., Kansas City, Mo. Rivet setting device. 2,205,772; June 25.
Bowes "Seal-Fast" Corporation. (See Andres, Paul G., assignor.)
Bowes Seal Fast Corporation. (See Mullen, Thomas W., assignor.)
Bowes, William R., assignor to The Clayton Manufacturing Company, Bristol, Conn. Display rack. 2,194,417; Mar. 19.
Bowie, Clifford P., Berkeley, and R. V. Higgins, San Francisco, Calif., assignors of nine-tenths to said Bowie and one-tenth to said Higgins. Drilling wells through heaving or sloughing formations. 2,193,219; Mar. 12.
Bowie, Robert M., St. Marys, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Cathode-ray tube and the like. 2,189,261; Feb. 6.
Bowie, Robert M., St. Marys, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Sealed lead-in for cathode-ray tubes and the like. 2,200,911; May 14.
Bowie, Robert M., St. Marys, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Cathode ray tube and the like. 2,211,614; Aug. 13.
Bowie, Robert M., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Making a cathode-ray tube envelope. 2,194,418; Mar. 19.
Bowie, Robert M., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Cathode ray tube. 2,211,613; Aug. 13.
Bowles, Albert F., Philadelphia, assignor to Reilly-Whiteman-Walton Company, Conshohocken, Pa. Alkylated phenols and producing them. 2,204,339; June 11.
Bowles, Carl E., assignor of fifteen per cent to V. L. Neal, and thirty-four per cent to E. Sumpter, Lewiston, Idaho. Portable chair. 2,204,722; June 18.
Bowles, Thomas C. (See Boorman, Harold R., assignor.)
Bowles, William V., assignor of twenty-five per cent to T. S. Park, Houston, Tex. Tool joint for drill stems. 2,199,738; May 7.
Bowley, Raymond E., San Anselmo, Calif. Sound reproducing apparatus and a wiring circuit therefor. 2,189,161; Feb. 6.
Bowling, Jerome, Jr., Shreveport, La. Vehicle for children. 2,208,891; July 23.
Bowling Patents Management Corporation. (See Schmidt, Gottfried J., assignor.)
Bowling, Robert T., assignor to Wood Briquettes, Inc., Lewiston, Idaho. Fuel briquette. 2,222,250; Nov. 19.
Bowling, Robert T., assignor to Wood Briquettes, Inc., Lewiston, Idaho. Die head. 2,224,212; Dec. 10.
Bowly, Heyward W., Summit, and J. Rudin, Paterson, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for distributing strands. 2,219,887; Oct. 29.
Bowman, Charles L., Canton, Ohio, assignor to The Bowdil Company. Clamping device. 2,217,042; Oct. 8.
Bowman, Charles L., Canton, Ohio, assignor to The Bowdil Company. Bit and holding means therefor. 2,217,348; Oct. 8.
Bowman, Harold C., Rocky River, Ohio. Dispensing device. 2,211,452; Aug. 13.
Bowman, Harvey, San Antonio, Tex. Reel handle. 2,198,856; Apr. 30.
Bowman, Hyman D., Pittsburgh, Pa. Safety razor. 2,205,590; June 25.
Bowman, Jacob W., Cynwyd, assignor to Gum, Incorporated, Philadelphia, Pa. Method and apparatus for making candy and the like. 2,197,919; Apr. 23.
Bowman, Jacob W., assignor, by mesne assignments, to William Steell Jackson and Son, Philadelphia, Pa. Apparatus for handling chewing gum. 2,215,575; Sept. 24.
Bowman, John M., Philadelphia, Pa., assignor, by mesne assignments, to Pennsylvania Patents, Inc., Carson City, Nev. Flexible shaft coupling. 2,221,668; Nov. 12.
Bowman, Oliver S., Colorado Springs, Colo. Furnace for the combustion of lignite and semibituminous coal. 2,190,973; Feb. 20.
Bowman, Robert A., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High-pressure sealing head. 2,196,895; Apr. 9.
Bowman, Walker H., Jr., Louisville, Ky. Anchor iron. 2,223,596; Dec. 3.
Bowman-Manifold, Michael. (See Cork, E. C., Bowman-Manifold, and Pawsey.)
Bowman-Manifold, Michael, Surrey, England, assignor to Electric & Musical Industries, Ltd. Television system. 2,210,702; Aug. 6.
Bowman-Manifold, Michael, Woking, E. C. Cork, Ealing, London, and C. O. Browne, West Acton, London, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Synchronizing means for television and like systems. 2,192,122; Feb. 27.
Bown, Ralph, Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency modulation. 2,212,338; Aug. 20.
Bownass, Kenneth A., Windermere, and A. G. T. Cole, Keswick, England. Dispensing of beer. 2,215,386; Sept. 17.
Bowser, Bernice, New York, N. Y. Color chart. 2,221,774; Nov. 19.
Bowser, Clarence D., assignor to International-Stacey Corporation, Columbus, Ohio. Panel for building construction. 2,199,586; May 7.
Bowser, Percy L. (See Flammang, J., and Bowser.)
Bowser, Percy L. (See Flammang, J., P. L. Bowser, Venner, and P. L. Bowser, Jr.)
Bowser, Percy L., Jr. (See Flammang, J., P. L. Bowser, Venner and P. L. Bowser, Jr.)
Bowser, Percy L., Jr., assignor to The Sterling Corporation, St. Louis, Mo. Melting furnace. 2,204,173; June 11.
Bowser, S. F., & Company. (See Blum, Hosmer L., assignor.)
Bowser, S. F., & Company. (See Carroll, William M., assignor.)
Bowser, S. F., & Company. (See Griffith, Clement P., assignor.)
Bowser, S. F., & Company. (See Grosvenor, B. W., and Griffith, assignors.)
Bowser, S. F., & Company. (See Hodges, Squire C., assignor.)
Bowser, S. F., & Company. (See Marvel, Harvey E., assignor.)
Bowsher, Clinton. (See Dunkelberger, L. A., and Bosher.)
Box, Virgil C., McKinney, Tex. Cotton picker. 2,208,570; July 23.
Boxan, Walter. (See Siebler, O., and Boxan.)
Boxan, Walter, assignor to Auto Union Aktiengesellschaft, Chemnitz, Germany. Scavenging of high speed two-stroke internal combustion engines. 2,190,011; Feb. 13.
Boxan, Walter, Zschopau, Germany, assignor to Auto Union Aktiengesellschaft, Chemnitz, Germany. Spring suspension. 2,212,769; Aug. 27.
Boxan, Walter, Zschopau, assignor to Auto Union Aktiengesellschaft, Chemnitz, Germany. Internal combustion engine. 2,223,090; Nov. 26.
Boyce, Alfred M., Riverside, Calif., dedicated and assigned to the Government and the People of the United States. Dusting composition. 2,191,421; Feb. 20.
Boyce, Chester H., Blackstone, Mass., assignor to Lonsdale Company, Providence, R. I. Method and apparatus for setting up yarns in a slasher. 2,219,804; Oct. 29.
Boyce, Hiram H., assignor of one-half to G. W. Pierce, Denver, Colo. Muffler. 2,185,585; Jan. 2.
Boyce, Hiram H., assignor of one-half to G. W. Pierce, Denver, Colo. Carbon monoxide purifier and muffler. 2,216,763; Oct. 8.
Boyce, Leonard D., Maplewood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor step-up device. 2,204,526; June 11.
Boyce, Leonard D., Maplewood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor step-up control. 2,204,527; June 11.
Boyd, Charles A., Chagrin Falls, F. B. Kraft, Cleveland, and P. Ragborg, Euclid, assignors to the Kilby Manufacturing Company, Cleveland Ohio. Crystallizing apparatus. 2,186,234; Jan. 9.
Boyd, Donald A., Detroit, Mich. Seal. 2,202,944; June 4.
Boyd, Donald L., Huntington, W. Va., assignor to Carb-O-Spot Corporation, Athens, Ohio. Applying wax carbon to paper. 2,225,295; Dec. 17.

Boyd, Fisher L., Haverford, assignor to National Foam System, Inc., Philadelphia, Pa. Fire extinguishing apparatus. 2,216,509; Oct. 1.
Boyd, George H., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Line spacer. 2,193,220; Mar. 12.
Boyd, Harry, Mercer, Pa. Container for ice cream sundaes. 2,190,930; Feb. 20.
Boyd, Helen, administratrix. (See Boyd, Lawrence D., assignor.)
Boyd, James H., Jr., assignor to The Atlantic Refining Company, Philadelphia, Pa. Motor fuel. 2,222,649; Nov. 26.
Boyd, James R., Whitinsville, Mass. Auxiliary stair tread. 2,206,862; July 9.
Boyd, John B., and G. L. Eisenhauer, Reno, Nev. Holding strip. 2,219,409; Oct. 29.
Boyd, Lawrence D., Cleveland, Ohio, deceased; Helen Boyd, administratrix, assignor to Helen Boyd. Floral display rack. 2,212,286; Aug. 20.
Boyd, Milford J., and J. T. Tamura, Cincinnati, Ohio. Antigenic substance. 2,224,591; Dec. 10.
Boyd, Millard C., assignor of one-half to The Ryan Aeronautical Co., San Diego, Calif. Airplane wing and wing spar. 2,210,163; Aug. 6.
Boyd, Robert, Vancouver, British Columbia, Canada. Purifying sugar juices and solutions. 2,191,365; Feb. 20.
Boyd, Thomas H., Fayetteville, Ark., assignor of one-fourth to F. C. Harra, and one-fourth to L. Campbell, Springfield, Mo. Automatic lubricator. 2,194,274; Mar. 19.
Boydston, Don B. (See Ducker, R. W., Boydston, McConnell, and Daniels.)
Boydstun, Ira S. (See Blair, C. M., Jr., and Boydstun.)
Boye, Hans H., Brooklyn, N. Y. Carpet sweeper latch. 2,211,533; Aug. 13.
Boye, James H., assignor to James H. Boye Manufacturing Company, Chicago, Ill. Center bracket for curtain rods. 2,194,064; Mar. 19.
Boye, James H., assignor to James H. Boye Manufacturing Company, Chicago, Ill. Hold-back bracket for curtains. 2,194,065; Mar. 19.
Boye, James H., assignor to James H. Boye Manufacturing Company, Chicago, Ill. Curtain fixture. 2,200,411; May 14.
Boye, James H., assignor to James H. Boye Manufacturing Company, Chicago, Ill. Curtain fixture. 2,205,644; June 25.
Boye, James H., Manufacturing Company. (See Boye, James H., assignor.)
Boye Needle Company, The. (See Davis, Edward D., assignor.)
Boyer, Clara, Chicago, Ill. Ear protector. 2,189,416; Feb. 6.
Boyer, Clarence E., Chicago, Ill. Knee action for automobiles and trucks. 2,193,473; Mar. 12.
Boyer, Frederick G. L., administrator. (See Boyer, William J., assignor.)
Boyer, Harold R., Detroit, Mich. Ventilator. 2,218,348; Oct. 15.
Boyer, John A., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Article made from powdered mixes and its manufacture. 2,197,655; Apr. 16.
Boyer, John A., assignor to The Carborundum Company, Niagara Falls, N. Y. Boron carbide composition and making the same. 2,200,258; May 14.
Boyer, John A., Niagara Falls, and C. G. Rose, Lewiston, assignors to The Carborundum Company, Niagara Falls, N. Y. Hard carbide composition. 2,201,150; May 21.
Boyer, John A., Niagara Falls, and C. G. Rose, Lewiston, assignors to The Carborundum Company, Niagara Falls, N. Y. Boron carbide composition. 2,201,151; May 21.
Boyer, John A., Niagara Falls, and C. G. Rose, Lewiston, assignors to The Carborundum Company, Niagara Falls, N. Y. Hard carbide composition. 2,225,152; Dec. 17.
Boyer, Joseph, assignor of one-fourth to Leo J. Brennan, L'Anse, Mich. Log bunk. 2,210,614; Aug. 6.
Boyer, Maxwell J., and N. E., Lakeland, Fla. Method of and apparatus for hand weaving. 2,186,692; Jan. 9.
Boyer, Nellie E. (See Boyer, Maxwell J., and N. E.)
Boyer, Ralph V., Nahant, Mass., assignor to General Electric Company. Electrical coil. 2,195,233; Mar. 26.
Boyer, Robert A. (See Ford, H., and Boyer.)
Boyer, Tanner E., Bell, and L. P. Stockman, Los Angeles, Calif. Packing gland mounting. 2,219,064; Oct. 22.
Boyer, William J., deceased, Wilmington, Del.; F. G. L. Boyer, administrator, assignor to F. G. L. Boyer, Hamilton, Ohio. Strap. 2,224,074; Dec. 3.
Boykow, Bianca, sole heir, et al. (See Boykow, Johann M.)
Boykow, Erika, sole heir, et al. (See Boykow, Johann M.)
Boykow, Johann M., deceased, Berlin-Lichterfelde, by B. Boykow, E. Boykow, and J. M. Boykow, Bad Wiessee, Bavaria, sole heirs, assignors to Deutsche Luftfahrt- und Handels-Aktiengesellschaft, Berlin, Germany. Stabilizing and orienting apparatus. 2,208,207; July 16.
Boyle, Alfred A. (See Young, L., and Boyle.)
Boyle, Clete L., Detroit, Mich. Method of and composition for cleaning and rendering metal surfaces immune from rust. 2,200,615; May 14.
Boyle, James C., Cincinnati, Ohio. Dispensing cap. 2,196,721; Apr. 9.
Boyle, James F., Teaneck, N. J. Valve mechanism. 2,213,878; Sept. 3.
Boyle, James S., Marion, Ind., assignor to Anaconda Wire & Cable Company, New York, N. Y. Extruding apparatus. 2,185,701; Jan. 2.
Boyle, John D., Greenwich, Conn. Puzzle. 2,207,778; July 16.
Boyles, Ralph R., and E. A. Wilhelm, assignors to Waterous Company, St. Paul, Minn. Pump. 2,207,575; July 9.
Boynton, Alexander, San Antonio, Tex. Leakless right and left tool joint. 2,206,873; July 9.
Boynton, Alexander, San Antonio, Tex. Well testing tool. 2,217,043; Oct. 8.
Boynton, Alexander, San Antonio, Tex. Combination swab and washing tool. 2,221,775; Nov. 19.
Boynton, Alexander, San Antonio, Tex. Semithreadless drill stem. 2,226,547; Dec. 31.
Boynton, Arthur J., Winnetka, assignor to H. A. Brassert & Company, Chicago, Ill. Operating an iron blast furnace. 2,208,245; July 16.
Boynton, Arthur J., Winnetka, and G. D. Dill, assignors to H. A. Brassert & Company, Chicago, Ill. Method and apparatus for eliminating moisture from gas or air. 2,200,980; May 14.
Boynton, Earl S., East Orange, N. J. Circuit closing device. 2,192,296; Mar. 5.
Boynton, Harry L., assignor of one-half to H. D. Smith, Hollywood, Calif. Color projector. 2,212,976; Aug. 27.
Boynton, Harry L., assignor of one-half to H. D. Smith, Hollywood, Calif. Color projector. 2,217,790; Oct. 15.
Boynton, Lucius J. (See Christiansen, A. L., and Boynton.)
Boysen, Louis K., Chicago, assignor of one-fourth to L. A. Bisson, Evanston, Ill. Mouth fresher and dental cleanser implement. 2,218,738; Oct. 22.
Bracchiglione, Giacomo S., Clements, Calif. Seeder. 2,196,289; Apr. 9.
Brace, Edwin T., assignor to Binkley Manufacturing Company, Warrenton, Mass. (Oil burner. 2,187,220; Jan. 16.
Brace, George A. (See Geyer, Leon E., assignor.)
Brace, Kemper P., South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Liquid fuel burner. 2,199,777; May 7.
Brace, Kemper P., South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Economizer for furnaces. 2,212,976; Aug. 27.
Brace, Porter H., and C. S. Williams, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electromagnetic testing system. 2,221,570; Nov. 12.
Brack, John D., Sulphur, and L. M. York, Lake Charles, La. Pipe cutting tool. 2,215,632; Sept. 24.
Brack, Joseph L., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Trap door and step arrangement. 2,220,035; Oct. 29.
Bracken, Frank. (See Adams, L. J., and Bracken.)
Bracken, Stanley, La Grange, assignor to Teletype Corporation, Chicago, Ill. Insulated enclosure. 2,209,762; July 30.
Bracken, Wallace, Rye, N. Y. Suitcase or other article of luggage. 2,214,118; Sept. 10.
Brackett, Clare L. (See Stoll, Albert, assignor.)
Brackett, James H., Pasadena, Calif. Apparatus for folding sheets of fabric and the like. 2,204,268; June 11.
Brackett, Tracy F., assignor to General Motors Corporation, Detroit, Mich. Spraying machine. 2,203,940; June 11.
Bradbury, Clifford C., Glencoe, Ill., assignor to Bendix Home Appliances, Inc., Detroit, Mich. Circuit controller. 2,190,468; Feb. 13.
Bradbury, Clifford C., Glencoe, Ill., assignor to Hayes Track Appliance Company, Richmond, Ind. Scotch block. 2,223,025; Nov. 26.
Bradbury, Samuel L., Meadville, Pa., assignor to Talon, Inc. Slider inspecting machine. 2,186,693; Jan. 9.
Braddock, Leo I., Fort Lauderdale, Fla. Ornamental sheet metal shingle for roofs and walls. 2,188,454; Jan. 30.
Braddon, Frederick D., Babylon, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Antivibration mount for direction indicating instruments. 2,213,832; Sept. 3.
Braden, Clark E., Salem, W. Va. Wellhole cleaning device. 2,190,145; Feb. 13.
Braden, Paul F., Dayton, Ohio. Cooling means for an electrical apparatus. 2,187,011; Jan. 16.
Braden, Rene A., Merchantville, N. J., assignor to Radio Corporation of America. Constant selectivity receiver. 2,189,308; Feb. 6.
Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Regulating system. 2,189,777; Feb. 13.
Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Regulating system. 2,210,393 Aug. 6.
Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Regulating system. 2,210,394; Aug. 6.

Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Superregenerative magnetron receiver. 2,211,091; Aug. 13.
Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Impulse modulated magnetron oscillator. 2,211,404; Aug. 13.
Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Automatic volume control. 2,226,366; Dec. 24.
Bradfield, Charles H., Springfield, Mo. Saw machine base. 2,188,827; Jan. 30.
Bradford, Edward S., Jr., Longmeadow, assignor to Springfield Wire & Tinsel Co., West Springfield, Mass. Package for scouring devices. 2,190,693; Feb. 20.
Bradford, Robert L., San Francisco, Calif. Pressure leakage gauge. 2,212,466; Aug. 20.
Bradford, Thomas, assignor to W. J. Cameron, Chicago, Ill. Apparatus and method for ascertaining and recording conditions of the circulatory system. 2,186,517; Jan. 9.
Bradford, Thomas, assignor to W. J. Cameron, Chicago, Ill. Apparatus for recording respiratory and circulatory conditions. 2,196,909; Apr. 9.
Bradford, Thomas J. (See Skoog, R. W., and Bradford.)
Bradford, Virgil A., Columbus, Ohio. Utensil spout. 2,216,407; Oct. 1.
Bradford, William D., and R. F. Lab, assignors to Barium Stainless Steel Corporation, Canton, Ohio. Making stainless steel. 2,218,391; Oct. 15.
Bradfute, Blaine W., Jr., Bloomington, Ind. Internal combustion engine. 2,200,199; May 7.
Bradley, Arthur S., Fernwood, Pa. Fountain pen attachment. 2,221,754; Nov. 19.
Bradley, John G., Willisville, Ill. Cabinet for the storage of film. 2,190,229; Feb. 13.
Bradley, Milton, Company. (See Brownjohn, Earl, assignor.)
Bradley, Milton, Co. (See Payberg, Andrew, assignor.)
Bradley, Ralph A., and R. D. George, assignors to Butler Manufacturing Company, Kansas City, Mo. Trailer tank. 2,192,593; Mar. 5.
Bradley, Theodore F., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Noncapillary silk suture and preparing the same. 2,193,188; Mar. 12.
Bradley, Theodore F., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Production of polycarboxylic acids and anhydrides. 2,208,321; July 16.
Bradley, Theodore F., Stamford, and W. B. Johnston, Springdale, Conn., assignors to American Cyanamid Company, New York, N. Y. Polymerization of drying oils. 2,219,862; Oct. 29.
Bradley, Walter S., et al. (See Hayes, Carlton Z., assignor.)
Bradley Washfountain Company. (See Heine, Herman E., assignor.)
Bradley Washfountain Company. (See Mullett, Howard A., assignor.)
Bradley, William E. (See Clarke, P. S., and Bradley.)
Bradley, William E., assignor to Union Oil Company of California, Los Angeles, Calif. Manufacturing alkylated hydrocarbons. 2,201,823; May 21.
Bradley, William E., assignor to Union Oil Company of California, Los Angeles, Calif. Manufacture of mill greases. 2,222,589; Nov. 26.
Bradner, Donald B. (See Montgomery, W. J., and Bradner.)
Bradner, Donald B., assignor to The Champion Paper and Fibre Company, Hamilton, Ohio. Paper making. 2,197,463; Apr. 16.
Bradshaw, David R., Birmingham, Ala. Doughnut machine. 2,219,410; Oct. 29.
Bradshaw, James B. (See Erickson, Prentis E., assignor.)
Bradshaw, James V. (See Bradshaw, Nathan D. and J. V.)
Bradshaw, John R., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Releasable floating valve. 2,204,340; June 11.
Bradshaw, Nathan D. and J. V., Greenwood, Miss. Water purification. 2,219,616; Oct. 29.
Bradshaw, Russell R. (See Kauppi, T. A., and Bradshaw.)
Bradshaw, Sidney B., assignor to Armour and Company, Chicago, Ill. Packaging sutures. 2,197,717; Apr. 16.
Bradshaw, William H., Buffalo, and G. P. Standley, Kenmore, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of rayon structures. 2,224,665; Dec. 10.
Bradt, Merritt B., assignor to Pyro Products Corporation, Brooklyn, N. Y. Treatment tank for electric conductors. 2,199,067; Apr. 30.
Brady, David R., Highland Park, assignor, by mesne assignments, to D. R. Brady and J. W. Davis, as joint trustees for Brady Research Company, Detroit, Mich. Athletic peg. 2,222,650; Nov. 26.
Brady, Francis E., assignor to Roots-Connersville Blower Corporation, Connersville, Ind. Rotary pump. 2,217,211; Oct. 8.
Brady, George F., Honolulu, Hawaii. Combined head and arm rest. 2,190,395; Feb. 13.
Brady, George W., Buffalo, N. Y., assignor to Curtiss-Wright Corporation. Multiengine speed synchronizer. 2,217,856; Oct. 15.
Brady, James J., Jersey City, N. J. Signature identification for documents. 2,198,802; Apr. 30.
Wright, Leetsdale, Pa. Hydraulic vehicle wheel brake. 2,197,292; Apr. 16.
Brady, James R., Marion, Ohio, assignor to The Marion Metal Products Company, Marion, Ohio. Casket placer. 2,205,057; June 18.
Brady, John B. (See Riggs, Alger S., assignor.)
Brady, John B. (See St. John, John T., Jr., assignor.)
Brady, John F., Sewickley, assignor of one-half to E. J. Brady Research Company. (See Brady, David R., assignor.)
Brady, Walter W., Alhambra, Calif., assignor of one-half to C. A. Foley, Phoenix, Ariz. Cigarette holder. 2,189,878; Feb. 13.
Bragg, Alfred O., Valley Stream, N. Y., assignor to Diamond Alkali Company, Pittsburgh, Pa. Decolorizing paper stock. 2,221,294; Nov. 12.
Bragg, Caleb S., Palm Beach, Fla., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Clutch control mechanism. 2,209,594; July 30.
Bragg, Caleb S., Palm Beach, Fla., and R. P. Breese, New York, N. Y., assignors to Bendix Products Corporation, South Bend, Ind. Brake. 2,215,732; Sept. 24.
Bragg, Caleb S., Palm Beach, Fla., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,217,940; Oct. 15.
Bragg, Dillon C., Glendale, assignor of fifteen per cent to D. Offill, Los Angeles, fifteen per cent to W. Vaughn and fifteen per cent to G. Adams, Glendale, Calif. Food tenderizer. 2,205,133; June 18.
Bragg-Kliesrath Corporation. (See Bragg, Caleb S., assignor.)
Bragg-Kliesrath Corporation. (See Hawks, Otis J., assignor.)
Bragg-Kliesrath Corporation. (See Kliesrath, Victor W., assignor.)
Bragg-Kliesrath Corporation. (See Russell, Robert C., assignor.)
Bragg-Kliesrath Corporation. (See Sanford, Roy S., assignor.)
Braglio, Charles, Arnold, assignor to Aluminum Company of America, Pittsburgh, Pa. Venetian blind. 2,215,452; Sept. 24.
Brailsford, Joseph D. (See Rust, N. M., and Brailsford.)
Brainard, Linton J., Detroit, Mich. Bottle cap. 2,213,200; Sept. 3.
Brainard, Seymour W., Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of thread. 2,218,461; Oct. 15.
Brainard, Seymour W., Buffalo, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of thread. 2,218,462; Oct. 15.
Braine, Bancroft G., Montclair, N. J., assignor to Poor & Company, New York, N. Y. Flexible rail joint. 2,218,416; Oct. 15.
Braithwaite, David G. (See Lindsay, F. K., and Braithwaite.)
Braithwaite, Isaac, & Son Engineers Limited. (See O'Brien, Terence H., assignor.)
Bramble, John H., Farrell, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heat insulating hearth. 2,189,624; Feb. 6.
Bramhall, Arthur, Livingston, N. J. Cream separator device. 2,224,533; Dec. 10.
Bramhall, Fay B., Milltown, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Electrical apparatus panel structure. 2,219,250; Oct. 22.
Brammer, Harry, Leeds, England. Driving belt. 2,204,117; June 11.
Bramsen, Svend, and F. W. Wahlin, assignors to Binks Manufacturing Company, Chicago, Ill. Flow controlled gun. 2,195,811; Apr. 2.
Bramson, Harry. (See Bramson, Maurice and H.)
Bramson, Maurice and H., Brooklyn, N. Y. Batter dropper. 2,201,222; May 21.
Brancati, Philip, Jackson Heights, N. Y. Nail puller. 2,196,351; Apr. 9.
Branche, Nelson T., Shaker Heights, E. H. Ryden, East Cleveland, and A. C. Schickler, Beechwood, assignors to The Bryant Heater Company, Cleveland, Ohio. Absorption refrigeration system. 2,193,389; Mar. 12.
Brand, Erick. (See Bundy, G. M., and Brand.)
Brand, Erick, assignor to H. & A. Selmer, Inc., Elkhart, Ind. Container. 2,197,565; Apr. 16.
Brand, Herbert D., San Mateo, Calif. Feather duster attachment for vacuum cleaners. 2,214,989; Sept. 17.
Brand, Robert A., Charlotte, N. C. Trash and water eliminator. 2,199,874; May 7.
Brand, Samuel, Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,209,106; July 23.
Brand, Samuel, Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Record controlled punch. 2,209,107; July 23.
Brand, Samuel, Binghamton, and W. A. Ayres, assignors to International Business Machines Corporation, New York, N. Y. Printing machine. 2,192,594; Mar. 5.
Brand, Samuel, Binghamton, N. Y., and G. Nelson, assignors to The National Cash Register Company, Dayton, Ohio. Calculating machine. 2,216,063; Sept. 24.
Brandegee, Morris M. (See Johnson, A., and Brandegee.)

Brandegee, Morris M., Plainfield, and C. E. Hemminger, Westfield, N. J., assignors to Combustion Utilities Corporation, New York, N. Y. Generating oil gas. 2,205,554; June 25.

Brandel, Lewis P., assignor of one-third to William J. Flury and one-third to Frank Halfen, both of Long Beach, Calif. Apparatus for clearing liners. 2,213,926; Sept. 3.

Brandel, Martin, Buffalo, N. Y. Hoisting attachment for ladders. 2,212,384; Aug. 20.

Brandenburg, Harry J., Glendora, assignor of sixty-five per cent to F. E. Wood, W. G. Cartter, J. B. Seem, and W. J. Bailey, Monrovia, Calif. Planetary transverse fruit brusher. 2,196,851; Apr. 9.

Brandenburg, Hellmuth R., Cowell, Calif. Recovering magnesium oxide. 2,210,892; Aug. 13.

Brandenburg, Hermann. (See Albrecht, C. A., and Brandenburg.)

Brandenburg, Hermann, Berlin-Tempelhof, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Typographical composing and casting machine. 2,190,112; Feb. 13.

Brandenburg, Hermann, Berlin-Tempelhof, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Typographical composing machine. 2,191,844; Feb. 27.

Brandenburg, Hermann, Berlin-Tempelhof, Germany, assignor to Merganthaler Linotype Company, Brooklyn, N. Y. Type-casting matrix. 2,211,092; Aug. 13.

Brandenburg, Hermann, Berlin-Tempelhof, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Typographical composing machine. 2,222,894; Nov. 26.

Brandenburg, Joseph J., et al. (See Matthews, Percy W., assignor.)

Brandenburg, Julius, New York, N. Y. Shield for diagnostic reflectors. 2,222,167; Nov. 19.

Brandenburg, Oscar R., Milwaukee, Wis. Matrix. 2,187,260; Jan. 16.

Brandenburgische Motorenwerke Gesellschaft mit beschränkter Haftung. (See Rosskopf, H., and Stieglitz, assignors.)

Brandenburgische Motorenwerke Gesellschaft mit beschränkter Haftung. (See Stumpp, Hermann, assignor.)

Brandenthaler, Anthony, Portland, Oreg. Safety razor blade. 2,213,062; Aug. 27.

Brandes, Oliver L., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Prevention of motor-bearing corrosion. 2,202,825; June 4.

Brandes, Oliver L., assignor to Gulf Reasearch & Development Company, Pittsburgh, Pa. Lubricant for internal combustion engines. 2,202,826; June 4.

Brandfon, Samuel, assignor to Pep Shower Manufacturing Co., New York, N. Y. Mixer for deliquescent bath spray tablets. 2,189,936; Feb. 13.

Brandner, Ferdinand, assignor to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau, Germany. Crankcase for multiple bank radial motors. 2,223,508; Dec. 3.

Brandon, Alfred E., New York, N. Y. Collapsible beach chair and cot. 2,200,912; May 14.

Brandon, Alfred E., New York, N. Y. Shooting and cap exploding toy gun. 2,221,506; Nov. 12.

Brandon, Clarence E., Jr., St. Louis, Mo. Mold construction for line casting machines. 2,192,220; Mar. 5.

Brandon, Thony E., Bowling Green, Ky. Signaling device. 2,191,247; Feb. 20.

Brandon, Zeno C., Middletown, Ohio. Mechanism for handling material. 2,216,383; Oct. 1.

Brandt, Berkeley, et al. (See Strawn, Raymond, assignor.)

Brandt, David G., Westfield, assignor to Power Patents Company, Hillside, N. J. Method and apparatus for processing crude petroleum. 2,189,191; Feb. 6.

Brandt, David G., Westfield, assignor to Power Patents Company, Hillside, N. J. Distillation and stabilization process. 2,198,263; Apr. 23.

Brandt, David G., Westfield, assignor to Power Patents Company, Hillside, N. J. Conversion of hydrocarbons. 2,217,587; Oct. 8.

Brandt, David G., Westfield, assignor to Power Patents Company, Hillside, N. J. Pipe still furnace and heating hydrocarbons. 2,221,469; Nov. 12.

Brandt, David G., Westfield, assignor to Power Patents Company, Hillside, N. J. Refining lubricating oil stocks. 2,222,475; Nov. 19.

Brandt, Francis L., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Screw turning machine. 2,214,040; Sept. 10.

Brandt, Francis L., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Skiving machine. 2,216,804; Oct. 8.

Brandt, Francis L., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe clamp. 2,221,859; Nov. 19.

Brandt, Fred H. G., assignor to Sheffield Steel Corporation, Kansas City, Mo. Wire drawing die and die holder. 2,188,470; Jan. 30.

Brandt, Friedrich H. A., New York, N. Y. Glass-to-metal seal. 2,192,892; Mar. 12.

Brandt, Henry E., North St. Paul, Minn. Safety pump plunger. 2,186,623; Jan. 9.

Brandt, Henry E., North St. Paul, Minn. Sprayer with agitator. 2,192,256; Mar. 5.

Brandt, Henry E., St. Paul, Minn. Intermittent or constant discharge device. 2,202,645; May 28.

Brandt, Hermann, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung, Berlin, Germany. Gyroscopic device. 2,207,850; July 16.

Brandt, James W., assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,203,426; June 4.

Brandt, Louis, Kieler, Wis. Cabbage miller trap. 2,190,251; Feb. 13.

Brandt, Marcella A., St. Paul, Minn. Nail and cuticle conditioning device. 2,226,842; Dec. 31.

Brandt, Robert J., Hollywood, Calif. Electrode release for arc lamps. Re. 21,346; Feb. 13.

Brandt, Robert L., New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Chemical composition. 2,212,432; Aug. 20.

Brandt, Robert L., New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Emulsion. 2,216,485; Oct. 1.

Brandwood, John, Birkdale, Southport, England. Apparatus for winding bobbins in fly-frames for subsequent liquid treatment of such bobbins. 2,217,212; Oct. 8.

Brangle, Edward, Newburgh Heights, and V. Kolasinski, Cleveland, Ohio. Guide for strip mills or the like. 2,185,657; Jan. 2.

Branin, William I., Wenatchee, Wash. Cable clamp. 2,220,203; Nov. 5.

Brannas, Earl C. (See Watson, G. W., and Brannas.)

Branner, Samuel, Chicago, Ill. Register. 2,192,430; Mar. 5.

Brannon, Herbert E., Detroit, Mich. Fluid heating device. 2,189,127; Feb. 6.

Brans, Joseph L. (See Bronstein, Joseph L.)

Bransky, David W. (See Brown, A. B., and Bransky.)

Branson, Alan R., Wellington, Ohio. Roller skating device. 2,198,857; Apr. 30.

Branson, David E., River Edge, N. J., and E. F. Watson, Larchmont, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,192,961; Mar. 12.

Branson, Edward H., assignor to General Railway Signal Company, Rochester, N. Y. Apparatus for making insulated electromagnets. 2,201,130; May 14.

Branson, Ellis M., Orlando, Fla. Optical device. 2,190,646; Feb. 20.

Branstetter, Donald W., Valley Park, Mo., assignor, by mesne assignments, to Art Metal Works, Inc., Newark, N. J. Facial shaving instrument. Re. 21,413; Apr. 2.

Branstrator, Clem G., assignor of one-half to H. J. Fogwell, Fort Wayne, Ind. Chassis construction. 2,196,954; Apr. 9.

Brant, David O., Canoga Park, Calif. Liquid cooler. 2,210,200; Aug. 6.

Brant, William S., Gorham, Kans. Gunstock cushion. 2,193,310; Mar. 12.

Brant, William S., G. J. Lucas, and A. S. Weaver, Jr., Sacramento and S. W. Eakle, Woodland, assignors to Weaver Tractor Co., Sacramento, Calif. Jack for semi-trailers. 2,190,252; Feb. 13.

Brantingson, Sigurd, Palisades Park, N. J., assignor to Francis Keil & Son, Inc. Lock construction. 2,192,371; Mar. 5.

Brantingson, Sigurd, Palisades Park, N. J., assignor to Francis Keil & Son, Inc. Lock construction. 2,225,545; Dec. 17.

Brantley, George, assignor of one-third to H. Smith, Tampa, Fla. Oilstove. 2,215,720; Sept. 24.

Brantley, William T., Broaddus, Tex. Combined cultivator and cotton chopper. 2,196,547; Apr. 9.

Brantly, John E., Pasadena, Calif. Boiler. 2,189,442; Feb. 6.

Brantly, John E., Pasadena, Calif. Steam boiler. 2,189,443; Feb. 6.

Braren, Cornelius I. (See Kimball, W. D., and Braren.)

Braren, Cornelius I. (See Kimball, W. D., Braren, and Mosley.)

Brasel, Harry R. (See Hinkamp, J. A., and Brasel.)

Braselton, Chester H. (See Brockway, Harry M., assignor.)

Braselton, Chester H., New York, N. Y., assignor to National Television Corporation, Wilmington, Del. Photocell pickup system. 2,193,789; Mar. 19.

Braselton, Chester H., New York, N. Y., assignor to National Television Corporation, Wilmington, Del. Receiving apparatus. 2,206,010; July 2.

Brass Goods Manufacturing Co. (See Maloney, Frank H., assignor.)

Brass, Samuel. (See Worne, Howard, assignor.)

Brassert, H. A., & Company. (See Andrews, Charles W., assignor.)

Brassert, H. A., & Company. (See Boynton, Arthur J., assignor.)

Brassert, H. A., & Company. (See Boynton, A. J., and Dill, assignors.)

Brassert, H. A., & Company. (See Younglove, Edward H., assignor.)

Brassert, Walter O., Bloomfield, Ind. Concrete wall member. 2,213,687; Sept. 3.

Brassert, Walter O., Bloomfield, Ind. Hay storage silo. 2,219,468; Oct. 29.

Brasure, John W., Delmar, N. Y. Embalmer's arm positioning and retaining device. 2,207,968; July 16.

Bratring, Kurt, Dahlem, Berlin, Germany, assignor to Neocell Products Corporation. Apparatus for removing articles from molds. 2,217,213; Oct. 8.
Bratt, Knut F. (See Ljunggren, I. G. A., Vigborg, and Bratt.)
Bratz, Otto J., Adrian, Mich., assignor, by mesne assignments, to American Chain & Cable Company, Inc. Flexible wire tubing. 2,187,873; Jan. 23.
Bratz, Otto J., Adrian, Mich., assignor to American Chain & Cable Company, Inc., New York, N. Y. Grease injecting apparatus. 2,201,426; May 21.
Bratz, Otto J., Adrian, Mich., assignor to American Chain & Cable Company, Inc., New York, N. Y. Spherical cable fitting and applying same. 2,209,673; July 30.
Bratz, Otto J., Adrian, Mich., assignor to American Chain & Cable Company, Inc., New York, N. Y. Multiple Bowden wire structure. 2,218,903; Oct. 22.
Brauer, Leo F., Oklahoma City, Okla. Float valve. 2,223,509; Dec. 3.
Brauer, Leo F., assignor to Brauer Machine & Supply Company, Oklahoma City, Okla. Well cleanout bailer. 2,220,989; Nov. 12.
Brauer Machine & Supply Company. (See Brauer, Leo F., assignor.)
Brauer Machine & Supply Company. (See Cunningham, Samuel F., assignor.)
Brauer, Otto H., Three Rivers, Mich., assignor to Fairbanks, Morse & Co., Chicago, Ill. Welded exhaust pipe. 2,196,694; Apr. 9.
Brauer, Otto H., Three Rivers, Mich., assignor to Fairbanks, Morse & Co., Chicago, Ill. Frame structure for railway motor cars. 2,211,095; Aug. 13.
Brauer, Walter, Oklahoma City, Okla. Valve. 2,195,764; Apr. 2.
Braun, Alfred. (See Meyer, U., Braun, Unterbusch, Lindlau, and Kern.)
Braun, Bernd. (See Herrmann, W. O., and Braun.)
Braun, C. F., & Co. (See Eckart, William R., assignor.)
Braun, Emil. (See Freudenberg, H., Becker, and Braun.)
Braun, Emil, assignor to Naturin-Werk Becker & Co., Weinheim, Baden, Germany. Process and apparatus for simultaneously drying and conveying tubular products. 2,211,490; Aug. 13.
Braun, Frank C., New York, N. Y. Adjustable easel. 2,186,573; Jan. 9.
Braun, Frank C., New York, N. Y. Suction holder for floral designs and the like. 2,225,681; Dec. 24.
Braun, Gaius A., Chicago, Ill., assignor to The Prosperity Company, Inc. Operating mechanism for pressing machines. 2,221,755; Nov. 19.
Braun, George A. (See Gibbs, H. F., and Braun.)
Braun, Géza, assignor to Standard Brands Incorporated, New York, N. Y. Glutamic acid recovery from solutions. 2,186,162; Jan. 9.
Braun, Gwilym S., Strasburg, Ohio, assignor to Knapp-Monarch Company, St. Louis, Mo. Temperature indicator for electrical appliances. 2,194,845; Mar. 26.
Braun, Gwilym S., Strasburg, Ohio, assignor to Knapp-Monarch Company, St. Louis, Mo. Multivoltage sadiron. 2,215,029; Sept. 17.
Braun, Karl J., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Card sorting machine. 2,185,289; Jan. 2.
Braun, Karl J., Ridgewood, assignor to Remington Rand Inc., Buffalo, N. Y. Statistical card punch. 2,211,093; Aug. 13.
Braun, Karl J., Ridgewood, assignor to Remington Rand Inc., Buffalo, N. Y. Statistical card comparing machine. 2,211,094; Aug. 13.
Braun, Karl J., North Merrick, assignor to Remington Rand Inc., Buffalo, N. Y. Statistical card comparing machine. 2,214,010; Sept. 10.
Braun, Otto, Buffalo, N. Y. Direction signal. 2,202,571; May 28.
Braun, Willy, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline & Film Corporation. Carboxylic acids of cyclic ketones and producing them. 2,208,624; July 23.
Braun, Willy, Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation. Replacing halogen in cyclic halogen compounds and product thereof. 2,195,076; Mar. 26.
Braun, Willy, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation. Dyestuffs of the phthalocyanine series. 2,225,441; Dec. 17.
Braune, Sholom, Fitchburg, Mass. Antipick lock. 2,202,329; May 28.
Brauner, Pincus, Haverhill, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Fastening-inserting machine. 2,185,426; Jan. 2.
Brauner, Pincus, Haverhill, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoemaking. 2,224,213; Dec. 10.
Brauning, Karl A., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Tubular lock. 2,207,143; July 9.
Braunschweig, Werner, and O. Zeun, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Trimming condenser. 2,219,003; Oct. 22.
Braunsdorff, Reginald K., East Orange, assignor to Tung-Sol Lamp Works Inc., Newark, N. J. Incandescent lamp and method of manufacture. 2,224,855; Dec. 17.
Braus, Karl. (See Baehr, H., and Braus.)
Brautigam, Otto G., Jersey City, N. J., assignor to Frank G. Shattuck Company, New York, N. Y. Machine for making confections. 2,195,836; Apr. 2.
Brautigam, Percy F., assignor of one-half to W. F. Waugh, Chicago, Ill. Badge. 2,224,179; Dec. 10.
Bravo, Hilario S. and M. S., Buenos Aires, Argentina. Closure for containers for aerated beverages. 2,185,290; Jan. 2.
Bravo, Manuel S. (See Bravo, Hilario S. and M. S.)
Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Low pour point lubricating oil. 2,200,534; May 14.
Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Sulphurizing chemical compounds. 2,210,877; Aug. 13.
Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Method and apparatus for separating wax from oil. 2,218,514; Oct. 22.
Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Treating oil. 2,218,515; Oct. 22.
Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Producing lubricating oil. 2,218,516; Oct. 22.
Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Dewaxing oil. 2,218,517; Oct. 22.
Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Treating oils. 2,218,518; Oct. 22.
Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Lubricant. 2,225,365; Dec. 17.
Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Lubricant. 2,225,366; Dec. 17.
Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Lubricant. 2,225,367; Dec. 17.
Bray, Ulric B., Palos Verdes Estates, and C. E. Swift, Glendale, assignors to Union Oil Company of California, Los Angeles, Calif. Treating oil. 2,191,091; Feb. 20.
Bray, Ulric B., Palos Verdes Estates, and J. A. Campbell, Jr., Manhattan Beach, assignors to Union Oil Company of California, Los Angeles, Calif. Dewaxing oils. 2,194,968: Mar. 26.
Bray, Ulric B., Palos Verdes Estates, and J. A. Campbell, Jr., Manhattan Beach, assignors to Union Oil Company of California, Los Angeles, Calif. Dewaxing oils. 2,194,969; Mar. 26.
Bray, Ulric B., Palos Verdes Estates, and J. A. Campbell, Jr., assignors to Union Oil Company of California, Los Angeles, Calif. Dewaxing oils. 2,218,520; Oct. 22.
Bray, William N., Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Conditioning apparatus. 2,204,656; June 18.
Bray, William N., Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe part and making the same. 2,221,860; Nov. 19.
Brayer, Edward H., Buffalo, N. Y. Fluid metering system. 2,193,474; Mar. 12.
Brazier, Leslie G., G. M. Hamilton, and R. S. Vincent, assignors to Callender's Cable and Construction Company, Limited, London, England. Electric cable. 2,186,446; Jan. 9.
Breadner, Robert L., J. T. Randall, and J. W. Ryde, Middlesex, England, assignors to General Electric Company. Electric lamp. 2,205,809; June 25.
Brecht, Winston A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Shaft coupling. 2,189,598; Feb. 6.
Brecht, Winston A., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fabrication of electric motor frames. 2,208,408; July 16.
Brecht, Winston A., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Commutator and clamping structure therefor. 2,221,571; Nov. 12.
Breckenridge, Frank. (See Shawber, L. L., and Breckenridge.)
Bredenbeck, William C., assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio. Tool post construction. 2,188,198; Jan. 23.
Bredow, Max, Waterloo, Iowa. Trick toy. 2,204,789; June 18.
Bredtschneider, Walter, Berlin-Charlottenburg, Germany. Steam generator. 2,193,795; Mar. 19.
Breed, Carroll M., assignor to United Stove Company, Ypsilanti, Mich. Wick type oil burner construction. 2,186,541; Jan. 9.
Breeden, Dude S., Pittsburgh, Pa. Holder for caskets or the like. 2,206,762; July 2.
Breeler, Walter R., Fredonia, N. Y. Furnace. 2,191,438; Feb. 27.
Breer, Carl. (See Calkins, W. G., and Breer.)
Breer, Carl, Grosse Pointe, assignor to Chrysler Corporation, Highland Park, Mich. Vehicle. 2,208,625; July 23.
Breer, Carl, Grosse Pointe Park, assignor to Chrysler Corporation, Highland Park, Mich. Railway vehicle. 2,208,626; July 23.

Breer, Carl, Grosse Pointe Park, assignor to Chrysler Corporation, Highland Park, Mich. Railway vehicle. 2,208,627; July 23.

Breer, Carl, Grosse Pointe Park, A. G. Herreshoff, Grosse Pointe Village, and O. H. Clark and R. Cadwallader, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Motor vehicle body. 2,198,653; Apr. 30.

Breer, Carl, Grosse Pointe Park, and W. Van Der Sluys, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Railway vehicle. 2,208,628; July 23.

Breer, Carl, Grosse Pointe Park, and P. J. Kent, Birmingham, assignors to Chrysler Corporation, Highland Park, Mich. Head lamp. 2,218,807; Oct. 22.

Breerwood, Charles H., Narberth, assignor to Separation Process Company, Catasauqua, Pa. Cement manufacture. 2,214,715; Sept. 10.

Breerwood, Charles H., Narberth, assignor to Separation Process Company, Catasauqua, Pa. Cement manufacture. 2,214,716; Sept. 10.

Breerwood, Charles H., Narberth, assignor to Separation Process Company, Catasauqua, Pa. Cement manufacture. 2,214,717; Sept. 10.

Breese, James L., et al. (See Reeves, Herbert M., assignor.)

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Burner for liquid fuel. 2,186,004; Jan. 9.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Hydrocarbon burner. 2,187,261; Jan. 16.

Breese, James L., Santa Fe, N. Mex., assignor, by mesne assignments, to Motor Wheel Corporation, Lansing, Mich. Burner for liquid fuel. 2,194,135; Mar. 19.

Breese, James L., Santa Fe, N. Mex., assignor, by mesne assignments, to Motor Wheel Corporation, Lansing, Mich. Burner for liquid fuel. 2,194,136; Mar. 19.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Adjustable pilot. 2,208,746; July 23.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Cooking range. 2,224,534; Dec. 10.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Cooking range. 2,224,535; Dec. 10.

Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Burner pot. 2,225,467; Dec. 17.

Breese, James L., assignor to Oil Devices, Sante Fe, N. Mex. Making burner pots. 2,226,216; Dec. 24.

Breese, Robert P. (See Bragg, C. S., and Breese.)

Breese, Robert P., New York, N. Y., assignor to Bendix Products Corporation, South Bend, Ind. Valve. 2,212,913; Aug. 27.

Breeze Corporations, Inc. (See Billig, Philip J., assignor.)

Breeze Corporations, Inc. (See Flynt, Louis W. G., assignor.)

Breeze Corporations, Inc. (See Heller, Joseph I., assignor.)

Breeze Corporations, Inc. (See Minter, Clarke C., assignor.)

Breeze, George A., Waterford Township, Oakland County, Mich. Carburetor. 2,194,540; Mar. 26.

Bregman, Ben, Leeds, England. Sewing machine. 2,210,893; Aug. 13.

Bregou, Louis V., Worcester, and P. E. Berling, Auburn; said Berling assignor to said Bregou, Worcester, Mass. Hair waver. 2,201,223; May 21.

Brehm, Charles M., assignor to The Steel Products Engineering Company, Springfield, Ohio. Die. 2,212,874; Aug. 27.

Brehm, William F., Rochester, Pa. Tracheal instrument. 2,198,241; Apr. 23.

Brehob, Frederick H., Erie, Pa., assignor to General Electric Company. Heat transfer system. 2,188,172; Jan. 23.

Breitbarth, August H., and H. Anderson, Valparaiso, Ind. Collet chuck. 2,192,024; Feb. 27.

Breitenstein, Albert F., assignor to The Geometric Tool Company, New Haven, Conn. Self-opening die head. 2,195.837; Apr. 2.

Breitenstein, Albert F., assignor to The Geometric Tool Company, New Haven, Conn. Self-opening die head. 2,197,336; Apr. 16.

Breitenstein, Charles J., and F. G. Nicolaus, assignors to R. T. Moloney, Chicago, Ill. Rotary spinner switch. 2,203,889; June 11.

Breitenstein, Charles T., assignor to R. T. Moloney, Chicago, Ill. Step-up mechanism. 2,216,935; Oct. 8.

Breitenstein, Victor W., assignor to Illinois Testing Laboratories, Inc., Chicago, Ill. Temperature controller. 2,218,502; Oct. 22.

Breitling, Ernst, Berlin-Tempelhof, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Accounting and the like machines. 2,196,382; Apr. 9.

Breitling, Ernst, Berlin-Tempelhof, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,209,763; July 30.

Breitling, Ernst, Berlin-Tempelhof, and G. Topel, Berlin-Reinickendorf, Germany, assignors to The National Cash Register Company, Dayton, Ohio. Printing cash registers, accounting, and the like machines. 2,210,021; Aug. 6.

Breitschwerdt, Karl, Brooklyn, N. Y. Poultry drawer. 2,189,752; Feb. 13.

Brekke, Marshall T., Scarsdale, assignor to Northam Warren Corporation, New York, N. Y. Display device. 2,223,842; Dec. 3.

Brell, Jules J., and H. Radzinsky, New York, N. Y., assignors to Shellmar Products Company, Mount Vernon, Ohio. Making bags or envelopes. 2,211,556; Aug. 13.

Brelsford, J. O., and J. T. Conlon, assignors to Gustin Bacon Manufacturing Company, Kansas City, Mo. Portable refrigerator. 2,200,465; May 14.

Breman, Frank J., Oak Park, and E. F. Dell, Park Ridge, Ill., assignors to Davidson Manufacturing Company. Friction feeder. 2,224,137; Dec. 10.

Bremer, Agatha K., New Washington, Ohio. Washing machine. 2,194,688; Mar. 26.

Bremer, Clarence, Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Preparing hexahydric alcohol borates. 2,223,349; Dec. 3.

Bremer, Clarence, Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Dulcitol and mannitol borates and salts thereof. 2,223,948; Dec. 3.

Bremer, Clarence, Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Sorbitol borates and salts thereof. 2,223,949; Dec. 3.

Bremer, Clarence, Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Preparing dulcitol and mannitol monoborate monocondensation products. 2,224,011; Dec. 3.

Bremer, Norman C., assignor to Morse Chain Company, Ithaca, N. Y. Roller chain. 2,185,702; Jan. 2.

Bremer, Norman C., assignor to Morse Chain Company, Ithaca, N. Y. Chain adjuster. 2,210,276; Aug. 6.

Bremer, Norman C., assignor to Morse Chain Company, Ithaca, N. Y. Transmission chain. 2,219,125; Oct. 22.

Bremner, Carl St.J., Santa Barbara, and C. M. Potter, Glendale, Calif. Drill pipe orienting tool. 2,207,505; July 9.

Bremner, Claude M., Winnipeg, Manitoba, assignor of two-thirds to M. C. and D. A. Marcotte, Hudson Bay Junction, Saskatchewan, Canada. Airplane and snow-plane propulsion means. 2,197,293; Apr. 16.

Bremser, Albert T., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Pump. 2,207,337; July 9.

Bremser, Albert T., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Valve for fuel pump mechanism. 2,211,252; Aug. 13.

Brenchley, William M. Stockton, Calif. Sack chute and switch. 2,190,094; Feb. 13.

Brendel, Clyde, Los Angeles, Calif. Roller bit. 2,204,657; June 18.

Brendel, Hans, and E. Buchholz, Hamburg-Wandsbek, assignors to Bauer & Schaurte, Neuss-on-the-Rhine, Germany. Device for dressing screw-thread-grinding disks. 2,213,665; Sept. 3.

Brendler, Karl, Vienna, Austria. Theftproofing device for motor vehicles. 2,224,894; Dec. 17.

Brendlin, Adolf, Knapsack, Bezirk Cologne, Germany. High pressure membrane. 2,203,859; June 11.

Brengman, Fred C. (See Parker, M. E., and Brengman.)

Brenkert, Karl, assignor to Brenkert Light Projection Company, Detroit, Mich. Motion picture projector. 2,194,585; Mar. 26.

Brenkert, Karl, assignor to Brenkert Light Projection Company, Detroit, Mich. Film gate. 2,204,884; June 18.

Brenkert, Karl, assignor to Brenkert Light Projection Company, Detroit, Mich. Lubricating system for motion picture projectors. 2,211,363; Aug. 13.

Brenkert, Karl, assignor to Brenkert Light Projection Company, Detroit, Mich. Motion picture projector. 2,211,364; Aug. 13.

Brenkert Light Projection Company. (See Brenkert, Karl, assignor.)

Brenn, Carl W., Montclair, assignor to Autographic Register Company, Hoboken, N. J. Manifolding machine. 2,187,697; Jan. 16.

Brenn, Carl W., Montclair, assignor to Autographic Register Company, Hoboken, N. J. Manifolding device. 2,187,698; Jan. 16.

Brenn, Carl W., Montclair, assignor to Autographic Register Company, Hoboken, N. J. Manifolding register. 2,189,724; Feb. 6.

Brenn, Carl W., Montclair, assignor to Autographic Register Co., Hoboken, N. J. Manifolding. 2,212,174; Aug. 20.

Brenn, Carl W., Montclair, N. J., assignor to Autographic Register Company, Hoboken, N. J. Manifolding. 2,213,157; Aug. 27.

Brennan, Ambrose K., and J. M. Jans, assignors to Read Machinery Company, Incorporated, York, Pa. Vacuum type mixer. 2,209,559; July 30.

Brennan, Daniel A., deceased, Chicago, Ill.; E. L. Zwickel, executor. Fastener. 2,212,896; Aug. 27.

Brennan, Joseph B., Fort Wayne, Ind. Treating aluminum. 2,209,712; July 30.

Brennan, Joseph B., Euclid, Ohio. Electrolytic device. 2,209,871; July 30.

Brennan, Joseph B., and L. E. Marsh, Fort Wayne, Ind., said Marsh assignor to said Brennan. Metal stencil. 2,213,237; Sept. 3.

Brennan, Joseph H., Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Making molybdenum and alloys of molybdenum. 2,186,447; Jan. 9.

Brennan, Joseph H., Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Treating alloys. 2,207,282; July 9.

Brennan, Joseph H., Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Production of metals. 2,224,536; Dec. 10.

Brennan, Leo J. (See O'Toole, Floyd F., assignor.)

Brennan, Thomas F., Valhalla, assignor to American Can Company, New York, N. Y. Container. 2,185,180; Jan. 2.
Brenneman, William C., Huntingdon, Pa. Snap cap structure. 2,198,858; Apr. 30.
Brenner, Charles M., deceased, Shreveport, La.; E. L. Brenner, administratrix. Venetian blind. 2,202,752; May 28.
Brenner, Edith L., administratrix. (See Brenner, Charles M.)
Brenner, Edward, Chicago, Ill. Light-controlled actuating device. 2,187,012; Jan. 16.
Brenner, Julian B. (See Clark, H. A., Miller, Fowler, Anderson, and Brenner.)
Brenner, Paul, Youngstown, Ohio. Belt. 2,194,734; Mar. 26.
Brenner, Samuel L. (See De Verter, Walton, assignor.)
Brenning, Reuben, Cheyenne, Wyo. Wrench. 2,206,802; July 2.
Brenzinger, Julius, Fairfield, assignor to The Max Ams Machine Company, Bridgeport, Conn. Machine for deforming the edge of an article. 2,224,666; Dec. 10.
Bresch, Albert L., University City, Mo. Lock-actuating structure. 2,199,613; May 7.
Brescka, Rudolph S., Cranford, and E. J. Meagher, Westfield, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Gauge. 2,197,755; Apr. 23.
Brescka, Rudolph S., Cranford, and E. J. Meagher, Westfield, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Gauge, 2,197,756; Apr. 23.
Brescka, Rudolph S., Cranford, and E. J. Meagher, Westfield, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Gauge. 2,197,757; Apr. 23.
Breslav, Victor, Brussels, Belgium, assignor to Interna Holding, Société Anonyme, Luxemburg, Grand Duchy of Luxemburg. Pneumatic distribution for two-stroke internal combustion engines. 2,187,341; Jan. 16.
Bresler, Fritz, Berkeley, and A. Drasky, Oakland, assignors to Shell Development Company, San Francisco, Calif. Purification of ketones and ketols. 2,204,956; June 18.
Bresnahan, George T., and W. W. Tuttle, Iowa City, Iowa. Discus structure. 2,223,091; Nov. 26.
Bressler, Robert E., assignor to Kol-Master Corporation, Oregon, Ill. Automatic combustion control. 2,200,326; May 14.
Bressler, Robert E., assignor to Kol-Master Corporation, Oregon, Ill. Combustion control. 2,209,306; July 30.
Bressler, Robert E., assignor to Kol-Master Corporation, Oregon, Ill. Automatic combustion control. 2,212,005; Aug. 20.
Breth, Ferdinand W., New York, N. Y., and M. Blumer, Butler, Pa. Refining a mineral oil. 2,189,128; Feb. 6.
Breth, Maximilian, Ozone Park, N. Y. Cloth laying machine. 2,196,823; Apr. 9.
Breth, Maximilian, Ozone Park, N. Y. Shear guide for cutting cloth. 2,205,743; June 25.
Breth, Maximilian, Ozone Park, N. Y. Cloth laying machine. 2,217,096; Oct. 8.
Breth, Walter J. (See Engler, M. L., and Breth.)
Bretholtz Manufacturing Company. (See Bretholtz, Nathan, assignor.)
Bretholtz, Nathan, assignor to Bretholtz Manufacturing Company, Worcester, Mass. Grading machine. 2,207,237; July 9.
Bretschger, Max E. (See Adolph G., and Bretschger.)
Bretschger, Max E., H. O. Kauffmann, and F. A. Gilbert, assignors to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Aluminum container for hydrogen peroxide. 2,219,293; Oct. 29.
Bretschger, Max E., Buffalo, H. O. Kauffmann, Eggertsville, and F. A. Gilbert, assignors to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Aluminum container for hydrogen peroxide. 2,219,294; Oct. 29.
Bretschneider, Max, Plauen, Germany. Apparatus for producing a uniform tension in winding devices. 2,190,529; Feb. 13.
Brett, Donald C., Parma, Idaho. Combined handle, reel holder, and drag for fishing poles. 2,208,493; July 16.
Brett, George F. (See Rust, N. M., and Brett.)
Brett, George F., London, England, assignor to Radio Corporation of America. Luminescent screen. 2,195,444; Apr. 2.
Brett, George F., London, England, assignor to Radio Corporation of America. Cathode ray tube. 2,211,844; Aug. 20.
Brett, George F., London, England, assignor to Radio Corporation of America. Electron discharge device. 2,213,543; Sept. 3.
Brett, George F., London, England, assignor to Radio Corporation of America. Electron discharge device. 2,227,062; Dec. 31.
Bretting, Aage E., assignor to Christiani & Nielsen, Copenhagen, Denmark. Depositing of sand under water. 2,191,845; Feb. 27.
Bretz, John S., Detroit, Mich. Piston. 2,212,148; Aug. 20.
Breuchaud, Jules R., assignor, by mesne assignments, to Underpinning & Foundation Company, Inc., New York, N. Y. Fermentation cell for converting organic matter to humus. 2,222,651; Nov. 26.
Breuer, Marcel, London, England. Chair. 2,215,540; Sept. 24.
Brever, Clarence J., Browerville, Minn. Engine governor. 2,224,507; Dec. 10.
Brewer-Cantelmo Company. (See Feeley, Robert S., assignor.)
Brewer, Charles A., Noroton Heights, Conn., assignor of one half to P. J. Kury, Arverne, N. Y. Motor vehicle clutch control. 2,216,466; Oct. 1.
Brewer, Charles A., Noroton Heights, Conn., assignor of one-half to P. J. Kury, Arverne, N. Y. Control mechanism. 2,225,682; Dec. 24.
Brewer, James A., Montclair, N. J. Portfolio. 2,211,809; Aug. 20.
Brewer, John A., assignor of one-half to W. C. Strungart, Kalamazoo, Mich. Guided and protected electrical connection. 2,213,133; Aug. 27.
Brewer, John G., Piedmont, Mo. Adjustable ladder leg. 2,200,535; May 14.
Brewer, Nicholas L., Agawam, Mass., assignor to Savage Arms Corporation, New York, N. Y. Sight for firearms. 2,190,500; Feb. 13.
Brewer, Nicholas L., Agawam, Mass., assignor to Savage Arms Corporation, New York, N. Y. Rifle. 2,223,092; Nov. 26.
Brewer, Nicholas L., North Agawam, Mass., assignor to Savage Arms Corporation, New York, N. Y. Mechanism for control of breech bolt return and release of hammer for semiautomatic firearms. 2,223,093; Nov. 26.
Brewer, Nicholas L., North Agawam, Mass., assignor to Savage Arms Corporation, New York, N. Y. Release mechanism for semiautomatic firearms. 2,224,758; Dec. 10.
Brewer, Sherman T., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device circuit. 2,212,337; Aug. 20.
Brewer-Titchener Corporation, The. (See Card, Charles S., assignor.)
Brewer-Titchener Corporation, The. (See Johannsen, Udo K., assignor.)
Brewer-Titchener Corporation, The. (See Wenn, Floyd D., assignor.)
Brewin, Harry E., assignor to Brewin Process Corporation, Pleasantville, N. J. Apparatus for dyeing and finishing stockings. 2,221,669; Nov. 12.
Brewin Process Corporation. (See Brewin, Harry E., assignor.)
Brewington, Philip J., San Antonio, Tex. Pipe vise. 2,196,623; Apr. 9.
Brewster Aeronautical Corporation. (See Brown, Dayton T., assignor.)
Brewster, Harry M. (See Samuelson, W. J., and Brewster.)
Brewster, Jack A., Redlands, Calif. Apparatus for protecting vegetation. 2,223,597; Dec. 3.
Brewster, Jerry, Senior, Gypsum, Colo. Rotary swing. 2,189,239; Feb. 6.
Brewster, John K., Flint, Mich. Trailer stabilizer. 2,194,160; Mar. 19.
Breyer, Frank G., Wilton, Conn. Process and apparatus for zinc smelting. 2,207,779; July 16.
Brian, William S., Owensboro, Ky., assignor to General Motors Corporation, Detroit, Mich. Mercury interrupter. 2,225,969; Dec. 24.
Brian, William S., Owensboro, Ky., assignor to General Motors Corporation, Detroit, Mich. Circuit interrupter. 2,225,970; Dec. 24.
Brian, William S., Owensboro, Ky., assignor to General Motors Corporation, Detroit, Mich. Mercury interrupter. 2,225,971; Dec. 24.
Briand, Henry, Paris, France. Device for regulating the action of brakes. 2,209,149; July 23.
Briar Hill Corporation. (See Blum, Harold T., assignor.)
Brice, Albert. (See Simons, J. E. R., and Ethel L. and A. Brice.)
Brice, Albert L., assignor to The Frederick Iron and Steel Company, Frederick, Md. Shear pin alarm for stokers. 2,205,370; June 18.
Brice, Ethel L. (See Simons, J. E. R., and Ethel L. and A. Brice.)
Brice, Ethel L., Stockport, assignor to J. E. R. Simons, Harlow, Essex, England. Device for driving posts and stakes into the ground. 2,225,765; Dec. 24.
Brice, Hugh D., Houston, Tex. Pressure stabilizer. 2,210,480; Aug. 6.
Brichieri-Colombi, Luigi, O. Zappuli, and L. Romanelli, Florence, Italy. Massage device. 2,218,081; Oct. 15.
Brick, Perry A., assignor to The Perfection Steel Body Company, Galion, Ohio. Stake truck body construction. 2,206,074; July 2.
Bricker, James G., Shaker Heights, Ohio. Flag support. 2,192,635; Mar. 5.
Brickman, Alan E., Rostravor Township, Westmoreland County, Pa., assignor to The American Steel and Wire Company of New Jersey. Hinge dowel for transverse joints of concrete roadways and the like. 2,207,085; July 9.
Brickman, Alan E., Rostravor Township, Westmoreland County, Pa., and G. A. Gleason, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Load transfer device. 2,201,134; May 21.
Brickman, Alan E., and G. A. Gleason, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Pavement joint. 2,201,824; May 21.

Brickman, Alan E., Rostravor Township, Westmoreland County, Pa., and G. A. Gleason, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Terminal connection for elongated flexible interconnecting members. 2,211,615; Aug. 13.
Brickman, Alan E., and G. A. Gleason, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Expansion and contraction joint. 2,212,492; Aug. 27.
Brickman, Alan E., Rostravor Township, Westmoreland County, Pa., and G. A. Gleason, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Load transfer device. 2,212,680; Aug. 27.
Bridge, Edward W., Philadelphia, Pa. Mass balling machine. 2,214,521; Sept. 10.
Bridgman, George A., assignor to Cutler Mail Chute Co., Rochester, N. Y. Mail chute construction. 2,209,070; July 23.
Bridgeport Brass Company. (See Broecker, Lewis C., assignor.)
Bridgeport Brass Company. (See Hiertz, Arthur J., assignor.)
Bridgeport Coach Lace Company. (See Spraragen, Louis, assignor.)
Bridgeport Fabrics, Inc. (See Hamm, James I., assignor.)
Bridgeport Fabrics, Incorporated. (See Spraragen, Louis, assignor.)
Bridgeport Rolling Mills Company, The. (See Hackley, Stephen, P., assignor.)
Bridgeport Thermostat Company. (See Ward, Marshall, assignor.)
Bridgers, Emil C., San Antonio, Tex. Gasket. 2,200,688; May 14.
Bridges, Edythe M. (See Moody, R. B., and Bridges.)
Bridges, Frank R., Needham, assignor to The Gamewell Company, Newton, Upper Falls, Mass. Signaling system. 2,199,279; Apr. 30.
Bridges, Frank R., Needham, assignor to The Gamewell Company, Newton Upper Falls, Mass. Signaling system. 2,201,712; May 21.
Bridges, Frank R., Needham, and F. E. Weld, Newton, assignors to The Gamewell Company, Newton Upper Falls, Mass. Fire alarm system. 2,186,163; Jan. 9.
Bridgford, Reed, B. A. Tibbits, G. H. Stevens, and C. Diehm, Rochester, Mich. Tire pressure signal. 2,194,735; Mar. 26.
Bridler, Walter L., Grosse Pointe, Mich. Wrist watch bracelet clasp. 2,188,471; Jan. 30.
Bridwell, Chalon E., Detroit, Mich. Valve. 2,189,129; Feb. 6.
Briebrecher, Harold, assignor to Anton Loibl, G. m. b. H., Berlin, Germany. Photoelectric system for sorting machines. 2,222,429; Nov. 19.
Briedenbaugh, Christian P. (See Turner, J. F., and Briedenbaugh.)
Briefer, Caesar J., Brooklyn, N. Y. Tool. 2,209,186; July 23.
Briefer, Caesar J., Brooklyn, and E. Burger, Little Neck, Long Island, N. Y. Lamp. 2,209,187; July 23.
Briegel, Theodore W., Galva, Ill. Compression-type fitting. 2,195,559; Apr. 2.
Brieger, Ferdinand, Berlin-Kopenick, Germany, assignor to General Electric Company. Salt bath furnace. 2,215,317; Sept. 17.
Brierly, George E., Detroit, Mich. Insulating panel for building walls. 2,207,454; July 9.
Briggs, Arthur M., Huntington Park, Calif. Rotary pump. 2,189,356; Feb. 6.
Briggs, George L., Oneida, N. Y. Skid chain. 2,186,475; Jan. 9.
Briggs, George L., Oneida, N. Y. Lawn mower. 2,199,280; Apr. 30.
Briggs, Henry C., Brooklyn, N. Y. Steering mechanism for vessels. 2,214,655; Sept. 10.
Briggs, Henry C., Brooklyn, N. Y. Mechanism for improving the dirigibility of ships, submarines, and aircraft. 2,214,656; Sept. 10.
Briggs, Henry H., Asheville, N. C. Apparatus for visual training. 2,213,484; Sept. 3.
Briggs, John E., Detroit, Mich. Heating unit. 2,192,636; Mar. 5.
Briggs, Joseph A., Erlton, N. J., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Sound reproducing device. 2,196,352; Apr. 9.
Briggs Manufacturing Company. (See Ball, Albert P., assignor.)
Briggs Manufacturing Company. (See Casson, Wesley C., assignor.)
Briggs Manufacturing Company. (See Coordes, Harry G., assignor.)
Briggs Manufacturing Company. (See Doty, Clifford B., assignor.)
Briggs & Stratton Corporation. (See Fitz Gerald, John W., assignor.)
Briggs Manufacturing Company. (See Graf, Vincent J., assignor.)
Briggs Manufacturing Company. (See Klotsch, Paul, assignor.)
Briggs Manufacturing Company. (See Marshall, William, assignor.)
Briggs Manufacturing Company. (See McIntosh, J. E., and Uren, assignors.)
Briggs Manufacturing Company. (See Pattison, Herbert J., assignor.)
Briggs Manufacturing Company. (See Prance, Alvin W., assignor.)
Briggs Manufacturing Company. (See Roberts, Ralph S., assignor.)
Briggs Manufacturing Company. (See Sloman, C. M., and Hierta, assignors.)
Briggs Manufacturing Company. (See Tjaarda, John, assignor.)
Briggs Manufacturing Company. (See Votypka, John, assignor.)
Briggs Manufacturing Company. (See Wetzell, Edward A., assignor.)
Briggs Manufacturing Company. (See Zablocki, Eugene C., assignor.)
Briggs, Merton B., assignor to I. A. Simon, Pittsburgh, Pa. Stabilizer. 2,196,436; Apr. 9.
Briggs, Orville B., Perrysburg, and Albert L. Lamb, assignors to Safety Belt Lacer Company, Toledo, Ohio. Belt lacer. 2,199,932; May 7.
Briggs, Orville B., Perrysburg, assignor to Safety Belt-Lacer Company, Toledo, Ohio. Lacer. 2,211,640; Aug. 13.
Briggs, Rufus L., Melrose, assignor to Thomson-Gibb Electric Welding Company, Lynn, Mass. Rotary timing apparatus for electric circuits. 2,209,108; July 23.
Briggs, Rufus L., Melrose, assignor to Thomson-Gibb Electric Welding Company, Lynn, Mass., and Handy & Harman, Bridgeport, Conn. Brazed joint and producing the same. 2,223,312; Nov. 26.
Briggs, Stephen F., Naples, Fla., assignor to Outboard Marine & Manufacturing Company, Waukegan, Ill. Evaporator for household refrigerators. 2,192,431; Mar. 5.
Briggs & Stratton Corporation. (See Coughlin, Charles L., assignor.)
Briggs & Stratton Corporation. (See Fitz Gerald, John W., assignor.)
Briggs & Stratton Corporation. (See Gottlieb, Oscar F., assignor.)
Briggs & Stratton Corporation. (See Gottlieb, O. F., Jones, and Kohls, assignors.)
Briggs & Stratton Corporation. (See Jacobi, Edward M., assignor.)
Briggs & Stratton Corporation. See Mack, Perry E., assignor.)
Briggs, Thomas H., Jr., Wellesley Hills, assignor to Raytheon Production Corporation, Newton, Mass. Electrical space discharge tube lead-in construction. 2,206,937; July 9.
Briggs, William C., Paducah, Tex. Fence. 2,187,641; Jan. 16.
Brigham, Ernest H., assignor to Protectol Company, Inc., Chicago, Ill. Cleaning beer lines. 2,196,176; Apr. 9.
Brigham, Nelson E. (See Holveck, J. E., and Brigham.)
Brigham, Nelson E., Arlington, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Variable capacity constant speed reciprocating pump. 2,219,126; Oct. 22.
Brigham, Roy, Toronto, Ontario, Canada. Smoking pipe, cigar, or cigarette holder. 2,221,439; Nov. 12.
Bright, Arthur C. (See Titlestad, N., and Bright.)
Bright, Arthur W., and J. H. Zeigler, Kingsport, Tenn., assignors, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Starting and balancing azeotropic distillation systems. 2,199,982; May 7.
Bright, Bernard K., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Extraction of fatty acids. 2,199,983; May 7.
Bright, Elvin M., Dayton, assignor to J. M. Wallace, Cincinnati, Ohio, as trustee. Steering wheel. 2,187,193; Jan. 16.
Bright, Frank G., St. Johns, Quebec, Canada, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Coloring wood. 2,210,832; Aug. 6.
Bright, Harold, London, England. Mechanical and electrical coupling. 2,220,810; Nov. 5.
Bright, Jesse L., Riverton, Iowa. Wheeled garden implement. 2,187,675; Jan. 16.
Bright, Merrion D., Milwaukee, Wis. Garment hanger. 2,198,363; Apr. 23.
Bright Star Battery Company. (See Desimone, Anthony J., assignor.)
Brignall, Clifford, Long Beach, Calif. Wire twisting device. 2,218,104; Oct. 15.
Briktex, Incorporated. (See Kaye, Robert L., assignor.)
Brilhart, Arnold, Great Neck, N. Y. Adjustable reed for musical wind instruments. 2,224,719; Dec. 10.
Brill, August C., Oberursel, near Frankfort-on-the-Main, Germany, assignor to The Turner Tanning Machinery Company, Portland, Maine. Area measuring machine. 2,207,000; July 9.
Brill, Harold C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of improved pigments. 2,220,952; Nov. 12.
Brill, J. G., Company, The. (See Latshaw, Elmer, assignor.)
Brill, John L., Newark, Del., and R. W. Plummer, Buenos Aires, Argentina, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process and apparatus. 2,192,124; Feb. 27.
Brill, Otto, Oruro, Bolivia, assignor to Firm Mannesmann-Stahlblechbau A.-G., Berlin, Germany. Producing coatings on zinc and galvanized articles. 2,219,977; Oct. 29.

Brill, Samuel, and C. C. F. Clarke, Toronto, Ontario, Canada. Vending machine. 2,192,637; Mar. 5.
Brimboeuf, Gaston, assignor of eighty per cent to J. G. Brimboeuf, New York, N. Y. Stepladder guard attachment. 2,208,833; July 23.
Brimboeuf, Josephine G. (See Brimboeuf, Gaston, assignor.)
Brimhall, George H., Huntington Park, Calif. Mold for building tile. 2,206,803; July 2.
Brindel, Harold F. (See Prater, C., and Brindel.)
Briner, Emil A., assignor to Aero Engineering Corporation, East Orange, N. J. Propeller control mechanism. 2,206,874; July 9.
Brink, Edwin H. (See Ver Planck, D. W., and Brink.)
Brink, Fred B., Oklahoma City, Okla. Coil cleaner. 2,208,957; July 23.
Brink, Winfield S. (See MacDonald, H. D., and Brink.)
Brink, Winfield S., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Wheel construction. 2,213,063; Aug. 27.
Brinkmann, Hans, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Ferromagnetic device. 2,214,898; Sept. 17.
Brinkworth, Clarence J. (See Lauenstein, C. F., and Brinkworth.)
Brintnall, John W., Alameda, Calif. Fastening device for mops, brushes, and the like. 2,218,521; Oct. 22.
Brinton, H., Co. (See Boulais, Wilfrid, assignor.)
Brinton, Joseph H., Media, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Night latch. Re. 21,608; Oct. 29.
Brinton, Thomas E., Waukegan, Ill. Tool. 2,202,895; June 4.
Brinton, William C., Harper, Wash. Ignition system for internal combustion engines. 2,220,440; Nov. 5.
Briot, André. (See Warnecke, R., and Briot.)
Brisbane, Eugene C. (See Goit, L. E., and Brisbane.)
Brisbane, Eugene C., and E. H. Myers, assignors to S. Morgan Smith Company, York, Pa. Valve mechanism. 2,197,202; Apr. 16.
Brisbane, Eugene C., and F. E. Peacock, assignors to S. Morgan Smith Company, York, Pa. Valve control mechanism. 2,214,119; Sept. 10.
Briscoe, Charles F., et al. (See Weeks, Lloyd W., assignor.)
Brisendine, Guy F., assignor to Carbon Systems, Inc., Kansas City, Mo. Manifold unit and producng the same. 2,185,721; Jan. 2.
Brisendine, Guy F., assignor to The Schooley Printing and Stationery Company, Kansas City, Mo. Carbon manifold form. 2,190,253; Feb. 13.
Brislee, Francis J., Huyton, and R. Blackburn, assignors to British Insulated Cables Limited, Prescot, England. Electrolytic etching machine. 2,224,667; Dec. 10.
Brison, Albert D., Detroit, Mich. Shears. 2,217,726; Oct. 15.
Brison, William R., Baytown, Tex., assignor to Standard Oil Development Company. Road surfacing composition. 2,213,576; Sept. 3.
Bristol Aeroplane Company Limited, The. (See Butler, L. F. G., and Cordiner, assignors.)
Bristol Aeroplane Company Limited, The. (See Fedden, A. H. R., Copley, and Fortescue, assignors.)
Bristol Aeroplane Company Limited. (See Fedden, A. H. R., and Mansell, assignors.)
Bristol Company, The. (See Beecher, John W., assignor.)
Bristol Company, The. (See Borden, Perry A., assignor.)
Bristol Company, The. (See Bristol, Franklin B., assignor.)
Bristol Company, The. (See Noble, Alphonso, assignor.)
Bristol, Franklin B., Middlebury, assignor to The Bristol Company, Waterbury, Conn. Impulse transmitter for telemetering systems. 2,214,159; Sept. 10.
Bristol, Fred C., assignor to H. M. Gumbin, Chicago, Ill. Draught beer controlling unit. 2,210,164; Aug. 6.
Bristol, George W., New York, N. Y. Flexible pressing machine pad. 2,190,146; Feb. 13.
Bristol, Gerald, and A. R. Wilsher, assignors of one-fourth to S. R. Cantrell and one-fourth to J. W. Shirley, San Perlita, Tex. Power rake. 2,226,460; Dec. 24.
Bristol, Harold F. (See Thompson, J. S., and Bristol.)
Bristol-Myers Company. (See Cairncross, Stanley E., assignor.)
Bristol, Robert D., Flint, Mich. Air duct. 2,215,318; Sept. 17.
Bristow, Franciss G., Sydney, New South Wales, Australia. Sheep shear comb. 2,210,703; Aug. 6.
Bristow, William L., San Francisco, Calif. Visual motor analyzer. 2,211,196; Aug. 13.
Bristow, William L., assignor of fifty-one per cent to W. H. Latimer, Chicago, Ill. Headlight. 2,216,156: Oct. 1.
British Acoustic Films Limited. (See Kolb, Otto K., assignor.)
British American Oil Company, The. (See Rude, Robert L., assignor.)
British Insulated Cables Limited. (See Bannister, L. C., and Clements, assignors.)
British Insulated Cables Limited. (See Brislee, F. J., and Blackburn, assignors.)
British Insulated Cables Limited. (See Broom, T. C., and Powell, assignors.)
British Insulated Cables Limited. (See Hargreaves, E. S., Clements, Brown, and Lawrenson, assignors.)
British Smokeless & Oil Fuels Limited. (See Nisbet, Robert, assignor.)
British Thermostat Company Limited, The. (See Martin-Hurst, W. F. F., and Sargeaunt, assignors.)
Brittain, Buna A., Los Angeles, Calif. Fluid pump. 2,227,122; Dec. 31.
Brittain, Kenneth W., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Car side door and folding skirt arrangement. 2,190,694; Feb. 20.
Brittain, Monroe, Chickasha, Okla. Oil burner. 2,205,340; June 18.
Britten, Edwin F., Jr., Short Hills, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 2,201,713; May 21.
Britten, James F., E. S. King, and P. L. Baumgard, assignors to Sabine Steel & Construction Corporation, Port Arthur, Tex. Electrically operated hammer. 2,189,700; Feb. 6.
Brittin, Edward B., Springfield, Ill. Clamping device. 2,185,782; Jan. 2.
Britton Controls, Inc. (See Britton, Karl B., assignor.)
Britton, Edgar C. (See Bass, S. L., and Britton.)
Britton, Edgar C. (See Dreisbach, R. R., Britton, and Perkins.)
Britton, Edgar C., assignor to The Dow Chemical Company, Midland, Mich. Insecticidal emulsion composition. 2,210,894; Aug. 13.
Britton, Edgar C., Midland, Mich., H. B. Marshall, Toronto, Ontario, Canada, and W. J. Le Fevre, assignors to The Dow Chemical Company, Midland, Mich. Copolymers of styrene and making the same. 2,186,359; Jan. 9.
Britton, Edgar C., Midland, Mich., H. B. Marshall, Toronto, Ontario, Canada, and W. J. Le Fevre, assignors to The Dow Chemical Company, Midland, Mich. Styrene copolymers. 2,186,360; Jan. 9.
Britton, Edgar C., and C. L. Moyle, assignors to The Dow Chemical Company, Midland, Mich. Ethylene dicinnamate. 2,190,917; Feb. 20.
Britton, Edgar C., and H. R. Slagh, assignors to The Dow Chemical Company, Midland, Mich. Unsaturated ethers of dioxan. 2,195,386; Mar. 26.
Britton, Edgar C., and H. R. Slagh, assignors to The Dow Chemical Company, Midland, Mich. Glycerol dichlorohydrin. 2,198,600; Apr. 30.
Britton, Edgar C., and C. L. Moyle, assignors to The Dow Chemical Company, Midland, Mich. Nitro-salicylidene compounds. 2,199,389; May 7.
Britton, Edgar C., and H. R. Slagh, assignors to The Dow Chemical Company, Midland, Mich. Unsaturated ethers and making same. 2,201,074; May 14.
Britton, Edgar C., and J. E. Livak, assignors to The Dow Chemical Company, Midland, Mich. Manufacture of coumarin. 2,204,008; June 11.
Britton, Edgar C., R. C. Dosser, and J. J. Sculati, assignors to The Dow Chemical Company, Midland, Mich. Preparation of cyclohexene. 2,204,565; June 18.
Britton, Edgar C., G. H. Coleman and J. W. Zemba, assignors to The Dow Chemical Company, Midland, Mich. Copolymers of styrene and 2-chloroallyl esters. 2,205,390; June 25.
Britton, Edgar C., and C. W. Davis, assignors to The Dow Chemical Company, Midland, Mich. Polymerization of vinylidene chloride. 2,206,022; July 2.
Britton, Edgar C., H. S. Nutting, and L. H. Horsley, assignors to The Dow Chemical Company, Midland, Mich. Separation of butylene-1 and isobutylene from mixtures containing same. 2,207,608; July 9.
Britton, Edgar C., G. H. Coleman and J. W. Zemba, assignors to The Dow Chemical Company, Midland, Mich. Insecticidal composition. 2,212,536; Aug. 27.
Britton, Edgar C., G. H. Coleman, and J. W. Zemba, assignors to The Dow Chemical Company, Midland, Mich. Aryloxy-polyalkylene ether iodides. 2,213,119; Aug. 27.
Britton, Edgar C., and G. H. Coleman, assignors to The Dow Chemical Company, Midland, Mich. Synthetic resin compositions. 2,213,201; Sept. 3.
Britton, Edgar C., Midland, Mich., H. B. Marshall, Toronto, Ontario, Canada, and W. J. Le Fevre, assignors to The Dow Chemical Company, Midland, Mich. Preparation of styrene copolymers in finely divided form 2,216,094; Sept. 24.
Britton, Edgar C., and K. G. Harding, assignors to The Dow Chemical Company, Midland, Mich. Insoluble aliphatic ethers of cellulose. 2,216,095; Sept. 24.
Britton, Edgar C., and F. B. Smith, assignors to The Dow Chemical Company, Midland, Mich. Amine salts of nitro-phenols. 2,225,618; Dec. 24.
Britton, Edgar C., and F. B. Smith, assignors to The Dow Chemical Company, Midland, Mich. Insecticidal composition. 2,225,619; Dec. 24.
Britton, Edward R. H., and P. R. Thillard, Locust Valley, N. Y. Washing machine wringer release. 2,195,021; Mar. 26.
Britton, Karl B., Cleveland Heights, assignor to Britton Controls, Inc., Cleveland, Ohio. Automatic transmission ratio changer. 2,187,824; Jan. 23.
Britton, Roscoe C. (See Cerf, H. H., and Britton.)
Brix-Hansen, John, Lyngby, Denmark. Cooling device for fats. 2,199,038; Apr. 30.
Brixner, Frederick W., Gates, and N. B. Coley, assignors to General Railway Signal Company, Rochester, N. Y. Car classification system for railroads. 2,194,352; Mar. 19.

Brizzolara, Robert T., New Dorp, N. Y., assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Air conditioning method and apparatus. 2,192,221; Mar. 5.
Broadbent, John H., Ridley Park, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,217,508; Oct. 8.
Broadfield Metals Corporation. (See Broadfield, Ward H., assignor.)
Broadfield, Ward H., Scarsdale, N. Y., assignor to Broadfield Metals Corporation, Dover, Del. Welding process. 2,196,191; Apr. 9.
Broadfield, Ward H., Scarsdale, N. Y., assignor to Broadfield Metals Corporation, Dover, Del. Welding ferrous metals. 2,196,192; Apr. 9.
Broadhurst, Stanley F., London, assignor to Albro Fillers and Engineering Company Limited, Wood Green, London, England. Machine for filling receptacles with liquids. 2,196,096; Apr. 2.
Broadway, Leonard F., Ealing, London, and W. F. Tedham, Abbey Wood, London, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Cathode ray tube. 2,194,380; Mar. 19.
Broadway, Leonard F., Hillingdon, and O. Klemperer, Iver, Buckinghamshire, assignors to Electric and Musical Industries Limited, Middlesex, England. Cathode ray tube. 2,213,688; Sept. 3.
Broadwell, William C., New York, N. Y. Vehicle guard. 2,206,023; July 2.
Broady, Harry W., Latrobe, Pa. Automatically variable power transmission device. 2,218,671; Oct. 22.
Broatch, John, Vancouver, British Columbia, Canada. Washing machine. 2,219,353; Oct. 29.
Broberg, Fred E., assignor to The Dumore Company, Racine, Wis. Grinding wheel dresser. 2,199,149; Apr. 30.
Broberg, Gustave T., assignor to The Torrington Company, Torrington, Conn. Making spring beard needles. 2,202,945; June 4.
Broberg, Manfred, Kingston, N. Y. Exercising device. 2,219,086; Oct. 22.
Brock, Arnold E. (See Schwager, A. C., Brock, and Gerrard.)
Brock, Carolyn L., et al. (See Davis, Olin E., assignor.)
Brock, Clarence A., assignor to Rexair, Inc., Detroit, Mich. Centrifugal separator. 2,188,031; Jan. 23.
Brock, Clarence A., Detroit, and E. P. Du Bois, St. Clair Shores, assignors to Rexair, Inc., Detroit, Mich. Dusting tool for use with vacuum cleaners. 2,206,738; July 2.
Brock, Clarence A., Detroit, Mich., and N. E. Hutchens, Toledo, Ohio, assignors to Rexair, Inc., Detroit, Mich. Vacuum cleaner construction. 2,221,572; Nov. 12.
Brock, Denis T., and G. R. Gates, assignors to Automotive Products Company, London, England. Brake applying means for vehicles. 2,189,192; Feb. 6.
Brock, Denis T., and G. J. Trapp, assignors to Automotive Products Company Limited, London, England. Camshaft. 2,202,330; May 28.
Brock, Denis T., assignor to Automotive Products Company Limited, London, England. Liquid pressure braking system. 2,209,595; July 30.
Brock, James R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Condenser electrode terminal. 2,218,162; Oct. 15.
Brock, Jerome D., L. R. Leissler, and R. A. Warren, Houston, Tex., assignors to Fullgage Deflecting Tool Company. Drilling tool. 2,194,267; Mar. 19.
Brock, Ottie J., Vincennes, Ind. Stone sawing machine. 2,212,656; Aug. 27.
Brockbank, Allan P., assignor to Baker Perkins Limited, Peterborough, England. Automatic control of washing and other machines. 2,197,294; Apr. 16.
Brocken, Joseph A., Warren, Ohio. Game. 2,206,247; July 2.
Brockenbrough, William M., Winterhaven, Fla., and H. S. Norris, Savannah, Ga., assignors to Evans Products Company. Crate. 2,216,638; Oct. 1.
Brockett, Milton A., Oshkosh, Wis. Ingredient cabinet. 2,201,152; May 21.
Brockhaus, Otto, Port Angeles, Wash. Screw propeller. 2,215,207; Sept. 17.
Brockman, Clarence. Wayne, Nebr. Soil cultivating device. 2,201,758; May 21.
Brockman, Robert H., St. Petersburg, Fla. Dental pulp tester. 2,204,295; June 11.
Brockway, Edward H., Toledo, Ohio. Sheet material portable trimmer. 2,216,108; Oct. 1.
Brockway, Harry M., Waldwick, N. J., assignor of one-fourth to C. H. Braselton, New York, N. Y. Musical instrument. 2,199,948; May 7.
Brockway Motor Company. (See Cross, Lester L., assignor.)
Brockway Motor Company. (See Sears, Russell N., assignor.)
Brod, John S., Cincinnati, Ohio. Producing synthetic drying oil. 2,212,385; Aug. 20.
Brodbeck, James R., and G. Dunsieth, Jr., assignors to Matthews Conveyer Company, Ellwood City, Pa. Conveying and manipulating apparatus. 2,218,870; Oct. 22.
Brodbeck, Paul, New York, N. Y. Window curtain supporter. 2,224,012; Dec. 3.
Broden, Edwin R., assignor to Blaw-Knox Company, Pittsburgh, Pa. Contacting apparatus. 2,210,059; Aug. 6.
Brodén, John G. M., assignor to Kockums Mekaniska Verkstads Aktiebolag, Malmo, Sweden. Valve. 2,218,871; Oct. 22.
Broder, Reuben, assignor to Zenith Textile Corporation, New York, N. Y. Manufacture of chenille yarn. 2,203,561; June 4.
Broders, Claude E., assignor, by mesne assignments, to V. Gauvreau, Detroit, Mich. Automatic feed head. Re. 21,341; Feb. 6.
Brodersen, Karl, M. Quaedvlieg, and M. Zabel, Dessau in Anhalt, and A. Schneider, Leipzig, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Treatment of fibrous materials. 2,185,427; Jan. 2.
Brodersen, Karl, and M. Quaedvlieg, Dessau in Anhalt, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Treating fibrous materials. 2,186,894; Jan. 9.
Brodersen, Karl, M. Quaedvlieg, and M. Zabel, Dessau in Anhalt, and A. Schneider, Leipzig, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Treating artificial fabrics. 2,197,464; Apr. 16.
Brodersen, Karl, and M. Quaedvlieg, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Diminishing or preventing foaming. 2,200,485; May 14.
Brodersen, Max M., Alhambra, Calif., assignor to Slusser-McLean Scraper Company, Sidney, Ohio. Heavy duty scraper. 2,220,472; Nov. 5.
Brodersen, Max M., Alhambra, Calif., assignor to The Slusser-McLean Scraper Company, Sidney, Ohio. Heavy duty scraper. 2,220,473; Nov. 5.
Brodersen, Max M., Alhambra, and L. O. Bird, Glendale, Calif.; said Brodersen assignor to said Bird. Heavy duty scraper. 2,199,023; Apr. 30.
Brodersen, Richard. (See Wilmanns, G., Kumetat, Fröhlich, Schneider, and Brodersen.)
Broderson, Henry J., La Marque, H. T. Rogers, Galveston, and J. B. Hamblen, Texas City, Tex., assignors to Pan American Refining Corporation, New York, N. Y. Reaction chamber. 2,212,583; Aug. 27.
Broderson, Neil O., assignor to Rochester Button Company, Rochester, N. Y. Production of variegated articles. 2,208,494; July 16.
Brodeur, Alcibiade A., Worcester, Mass. Apparatus for cleaning poultry and the like. 2,189,484; Feb. 6.
Brodie, David A., Washington, D. C. Conditioning manure and controlling insect pests. 2,197,885; Apr. 23.
Brodie, Ralph N., Company. (See Berck, William F., assignor.)
Brodie, Ralph N., Company. (See Brown, Walter W., assignor.)
Brodie, Ralph N., Company. (See Renfrew, Paul, assignor.)
Brodin, Eric C. (See Runge, R. F., and Brodin.)
Brodin, Eric C., Jenkintown, Pa., assignor to S K F Industries, Inc., Philadelphia, Pa. Seal for enclosed bearings. Re. 21,584; Oct. 1.
Brodin, Eric C., Jenkintown, assignor to S K F Industries, Inc., Philadelphia, Pa. Seal for enclosed bearings. 2,202,769; May 28.
Brodin, Eric C., Jenkintown, assignor to S K F Industries, Inc., Philadelphia, Pa. Seal for enclosed bearings. 2,202,770; May 28.
Brody, Abraham, New York, N. Y. Automatic toothbrush box. 2,197,066; Apr. 16.
Brody, Imre, Budapest, Hungary, assignor, by mesne assignments, to General Electric Company. Incandescent lamp. 2,227,294; Dec. 31.
Broecker, Lewis C., assignor to Bridgeport Brass Company, Bridgeport, Conn. Valve cap. 2,202,185; May 28.
Broekhuysen, William C., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Registering device for strip material. 2,188,871; Jan. 30.
Broetz, August. (See Sturbe, J. J., and Broetz.)
Broeze, Johannes J. (See van Dijck, W. J. D., Broeze, Peletier, and van Driel.)
Brogden, Alfred N., Blackpool, England. Rail joint. 2,201,075; May 14.
Brogden, Alfred N., Blackpool, England. Rail joint and apparatus for forming the same. 2,201,076; May 14.
Brogden, Ernest M., Orland, Fla., assignor to Bank of The Manhattan Company, trustee, New York, N. Y. Merchandising package. 2,204,118; June 11.
Brogden, Ernest M., Orlando, Fla., assignor to Bank of The Manhattan Company, trustee, New York, N. Y. Merchandising package. 2,205,341; June 18.
Brogden, Maxcy L., Columbia, S. C. Heating stove. 2,199,875; May 7.
Brogdex Company. (See Cunning, Thomas G., assignor.)
Brogdex Company. (See Skinner, Bronson C., assignor.)
Brogdex Company. (See Trowbridge, M., and Cothran, assignors.)
Brogren, Axel V., and J. T. Parsons, assignors to The Parsons Co., Detroit, Mich. Concealed door hinge. 2,206,739; July 2.
Brogren, Erik R., Ferndale, Mich., assignor to General Motors Corporation, Detroit, Mich. Exposition tent. 2,225,972; Dec. 24.
Bröker, Walter, Offenbach-on-the-Main, Germany, assignor to General Aniline & Film Corporation. Azo dyestuffs insoluble in water and fiber dyed therewith. 2,199,814; May 7.

Brokes, Sylvester, Hillside, N. J. Motor vehicle automatic reverse brake. 2,211,534; Aug. 13.
Broluska, Amel B., Detroit, Mich. Stabilizing suspension system for motor-driven vehicles. 2,222,397; Nov. 19.
Bromley, Colin. (See Dreyer, F. L., and Bromley.)
Bromley, Raymond V., Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Machine tool and controlling same. 2,225,409; Dec. 17.
Bromley, Wayne K. (See Minor, Joseph H., assignor.)
Bronander, Wilhelm B., Montclair, N. J. Wrapping machine. 2,192,683; Mar. 5.
Bronander, Wilhelm B., Montclair, N. J., assignor to American Machine & Foundry Company. Cigarette rod former. 2,190,012; Feb. 13.
Bröndby, Fridtjof N., Oslo, Norway. Gas operated automatic firearm. 2,223,671; Dec. 3.
Bronfman, Benjamin, Newtonville, Mass. Apparatus for printing on the adhesive side of an adhesive covered material. 2,223,907; Dec. 3.
Brongersma, Cornelius, Muskegon Heights, assignor to Manning Maxwell & Moore, Inc., Muskegon, Mich. Electric motor control apparatus. 2,205,787; June 25.
Bronico, Domenico, Tuckahoe, N. Y. Beer-dispensing spigot. 2,195,022; Mar. 26.
Brons, Folkert, Kilgore, Tex., assignor to Shell Development Company, San Francisco, Calif. Process and apparatus for exploring geological strata. 2,220,509; Nov. 5.
Bronson, Adelbert E., Shaker Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Valve stem. 2,194,635; Mar. 26.
Bronson, Fred L., New York, N. Y., assignor to The Fibre Can and Machinery Company, New Haven, Conn. Discharge valve. 2,210,971; Aug. 13.
Bronson, Oscar A., Milwaukee, Wis., assignor of one-third to W. S. Collins, Minneapolis, Minn., and one-third to C. Hays Jackson, Des Moines, Iowa. Piano bridge. 2,200,913; May 14.
Bronson Reel Company. (See Coxe, Joseph A., assignor.)
Bronson Reel Company. (See McMahon, Richard P., assignor.)
Bronson Reel Company. (See Schafer, John V., assignor.)
Bronstein, Joseph L., Milwaukee, Wis., now by change of name Joseph L. Brans. Safety razor. 2,201,951; May 21.
Bronsztajn, Ruwin, Hackensack, N. J. Printing ink and making same. 2,185,181; Jan. 2.
Bronx Casket Mfg. Co. (See Rothbart, Jacob, assignor.)
Brook, Winston M., Lampasas, Tex. Branding device. 2,213,898; Sept. 3.
Brooke, Edward B., Birmingham, and D. Morgan, Fairfield, Ala.; said Morgan assignor to said Brooke. Control means for rolling mills. 2,193,189; Mar. 12.
Brooke, Frank W., assignor to Swindell-Dressler Corporation, Pittsburgh, Pa. Double deck continuous kiln. 2,224,895; Dec. 17.
Brooke, Lloyd A., Washington, D. C. Flexible port closure. 2,211,491; Aug. 13.
Brooke, Norman E., Washington, D. C. Rake. 2,205,827; June 25.
Brooker, Leslie G. S. (See Keyes, G. H., and Brooker.)
Brooker, Leslie G. S., assignor to Eastman Kodak Company, Rochester, N. Y. Merocyanine dyes and preparing them. 2,185,182; Jan. 2.
Brooker, Leslie G. S., assignor to Eastman Kodak Company, Rochester, N. Y. Merotricarbocyanine dye and photographic emulsion. 2,186,624; Jan. 9.
Brooker, Leslie G. S., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Preparing cyanine dyes with strong organic bases. 2,189,599; Feb. 6.
Brooker, Leslie G. S., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Preparing cyanine dyes from substituted mercapto derivatives. 2,202,827; June 4.
Brooker, Leslie G. S., assignor to Eastman Kodak Company, Rochester, N. Y. Merocyanine dye. 2,211,762; Aug. 20.
Brooker, Leslie G. S., and L. A. Smith, assignors to Eastman Kodak Company, Rochester, N. Y. Hydroxyalkyl cyanine dye and photographic emulsion. 2,213,238; Sept. 3.
Brooker, Leslie G. S., and R. H. Sprague, assignors to Eastman Kodak Company, Rochester, N. Y. Carbocyanine dye. 2,226,156; Dec. 24.
Brookes, Albert S. (See Conwell, R. N., and Brooks.)
Brookes, Arthur E., Nutley, N. J., assignor to United States Rubber Company, New York, N. Y. Microporous rubber filtering medium. 2,185,586; Jan. 2.
Brookes, Wilfrid. (See Barrett, H. R., and Brookes.)
Brookfield, Edwin W., Toronto, Ontario, Canada. Bowling equipment. 2,191,439; Feb. 27.
Brooks, Albert, Brooklyn, N. Y. Article of jewelry. 2,198,364; Apr. 23.
Brooks, Alfred E. (See Van Derhoef, H. E., and Brooks.)
Brooks, Benjamin T., Old Greenwich, Conn., assignor to Standard Alcohol Company. Production of alcohols. 2,190,501; Feb. 13.
Brooks, Benjamin T., assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y. Lubricating composition. 2,211,687; Aug. 13.
Brooks, Doyle K., Abilene, Kans. Article holder for loose-leaf notebooks. 2,194,003; Mar. 19.
Brooks, E. J., Company. (See Brooks, Winfred M., assignor.)
Brooks, Ernest A., Baltimore, Md. Scupper plug. 2,204,400; June 11.
Brooks, Frank M., San Marino, Calif. Meter box cover. 2,217,097; Oct. 8.
Brooks, Frazier O., assignor of fifty per cent to L. G. Clayton, Roxboro, N. C. Trap. 2,199,167; Apr. 30.
Brooks, Henry M., et al., as trustees. (See Peltz, Gordon M., assignor.)
Brooks, Herbert, Yeovil, assignor to Petters Limited, Yeovil, Somerset, England. Scavenging of the cylinders of two-stroke internal combustion engines. 2,204,296; June 11.
Brooks, James A., Minneapolis, Minn. Lawn edger. 2,204,246; June 11.
Brooks, James O. (See Singleton, James W., assignor.)
Brooks, Lew W., Knoxville, Tenn. Loading, hauling, and dumping apparatus. 2,200,020; May 7.
Brooks, Moses E., assignor to Aluminum Company of America, Pittsburgh, Pa. Sheet material feeding mechanism. 2,222,168; Nov. 19.
Brooks, Moses E., and A. T. Deily, assignors to Aluminum Company of America, Pittsburgh, Pa. Stretching mechanism. 2,218,503; Oct. 22.
Brooks, Roy L., Costa Mesa, Calif. Muffler. 2,190,396; Feb. 13.
Brooks, Stephen H., New York, N. Y. Sampling can. 2,223,598; Dec. 3.
Brooks, Thomas E., assignor to Lisle Corporation, Clarinda, Iowa. Magnetic plug. 2,214,268; Sept. 10.
Brooks, Thomas E., assignor to Lisle Corporation, Clarinda, Iowa. Magnetic plug. 2,225,205; Dec. 17.
Brooks, Wallace P., Redwood City, Calif. Leg rest. 2,225,818; Dec. 24.
Brooks, William G., Edgewater, N. J. Portable conveyer. 2,208,208; July 16.
Brooks, William J. (See Mills, George E., assignor.)
Brooks, Winfred M., West Orange, assignor to E. J. Brooks Company, Newark, N. J. Shackle seal. 2,205,841; June 25.
Broom, Talbot C., Huton, and H. J. Powell, Liverpool, assignors to British Insulated Cables Limited, Prescot, Lancashire, England. Switch frog for the overhead conductors of electric traction systems. 2,216,290; Oct. 1.
Broom, Talbot C., Huyton, and H. J. Powell, Liverpool, assignors to British Insulated Cables Limited, Prescot, Lancashire, England. Switch frog for the overhead conductors of electric traction systems. 2,225,766; Dec. 24.
Broomham, Richard W., assignor to Motor Products Corporation, Detroit, Mich. Bending machine. 2,190,821; Feb. 20.
Brophy, Gerald R., Westfield, and H. J. French, Elizabeth, N. J., assignors to The International Nickel Company, Inc., New York, N. Y. Construction element including structural shapes and members. 2,200,872; May 14.
Brophy, John J. (See Johnson, J. W., Brophy, and Ushakoff.)
Broquinda, Inc. (See Quinn, Clara E., assignor.)
Broschat, Gust, San Francisco, Calif. Boat construction. 2,205,134; June 18.
Broschke, Heinrich. (See Becker, H., Broschke, and Filsinger.)
Broschke, Heinrich. (See Becker, H., Broschke, and Sänger.)
Brosites Machine Company. (See Weber, George H., assignor.)
Brossette, Alois, Solingen, Germany. Collapsible tube. 2,212,433; Aug. 20.
Brostrom, Charles G., Salem, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for operating upon shoes. 2,200,381; May 14.
Brostrom, Charles G., Salem, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Heel roughing machine. 2,220,204; Nov. 5.
Brostrom, Charles G., Salem, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Roughing machine. 2,222,758; Nov. 26.
Brostrom, Charles G., Salem, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Work presenting means for shoe machines. 2,223,440; Dec. 3.
Brother, George H., and A. K. Smith, Urbana, Ill., assignors to Henry A. Wallace, Secretary of Agriculture of the United States of America and his successors in office. Aqueous dispersion of hardened protein. 2,210,481; Aug. 6.
Brotheridge, John, Rock Falls, assignor to Prince Castles Company, Sterling, Ill. Multiple drink mixing machine. 2,218,808; Oct. 22.
Brothers, James T., New Bern, N. C. Game. 2,199,719; May 7.
Brotherton, Clifford A., Columbus, assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing lubrication. 2,191,876; Feb. 27.
Brothman, Abraham, New York, N. Y. Dispersion device and the like. 2,212,260; Aug. 20.
Brothman, Abraham, New York, N. Y. Turbine type mixer. 2,212,261; Aug. 20.
Broudy, Albert M., Pittsburgh, Pa. Envelope attachment. 2,214,011; Sept. 10.

Brougham, George D., Gillett, Pa. Can attachment. 2,219,617; Oct. 29.
Broughton, Harold E. (See Barnes, B., and Broughton.)
Broulhiet, Georges, Paris, France. Starting device. 2,194,996; Mar. 26.
Broune, Abel U., Brooklyn, N. Y. Fuse operated electric circuit control device. 2,202,621; May 28.
Brouse, William H. D., Toronto, Ontario, Canada. Unloading compressor. 2,205,919; June 25.
Brouse, William H. D., assignor to International Metal Industries Limited, Toronto, Ontario, Canada. Switch control device for fluid pumps. 2,202,136; May 28.
Broussard, Robert F. (See Toce, C. A., Broussard, and Woodruff.)
Brouwer, Rodger D., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Fastening device for race members. 2,222,334; Nov. 19.
Browall, Bert H., assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Apparatus for automatic adjustment of variable load brakes. 2,195,508; Apr. 2.
Browall, Bert H., assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Operating mechanism for load brake devices. 2,205,514; June 25.
Browall, Bert H., assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Operating gear for automatic slack adjusters. 2,218,277; Oct. 15.
Browall, Bert H., assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Automatic slack adjuster for brakes. 2,225,001; Dec. 17.
Browall, Bert H., Malmo, Sweden, and L. Scheib, Kaiserslautern, Germany, assignors to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Automatic slack adjustor for vehicle brakes, especially railway car brakes. 2,203,890; June 11.
Browde, Hirsh, Leningrad, Union of Soviet Socialist Republics. Scanning images. 2,226,658; Dec. 31.
Browder, Jewel D., Oklahoma City, Okla., and C. W. Easley, Henrietta, Tex. Communication system. 2,201,472; May 21.
Browder, William R., assignor of one-third to W. S. Stateler, Evansville, Ind. Milk bottle holder. 2,212,287; Aug. 20.
Brower, James E. (See Cooper, J. H., Brower, and Miller.)
Brown, Alfred B., Essex Fells, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Closure means for reels. 2,210,524; Aug. 6.
Brown, Allen M., Cottage Grove, Oreg. Railroad tie tamping machine. 2,201,023; May 14.
Brown, Alvin E., Muncie, Ind., assignor to Owens-Illinois Glass Company. Glassware forming apparatus. 2,199,356; Apr. 30.
Brown, Andrew, London, England, assignor to International Standard Electric Corporation, New York, N. Y. Railway signal control system. 2,189,879; Feb. 13.
Brown, Andrew. (See Griffiths, J. B., and Brown.)
Brown, Andrew C., Wilmette, Ill., assignor to Compressed Industrial Gases, Inc. Pressure container for liquefied gases. 2,195,077; Mar. 26.
Brown, Archibald M., assignor, by mesne assignments, to The Firestone Tire & Rubber Company, Akron, Ohio. Welding method and apparatus. 2,214,899; Sept. 17.
Brown, Arthur B., Hammond, Ind., and D. W. Bransky, assignors to Standard Oil Company, Chicago, Ill. Concentrating sulphuric acid. 2,191,195; Feb. 20.
Brown, Arthur B., and F. C. Croxton, Hammond, Ind., and B. Ginsberg, assignors to Standard Oil Company, Chicago, Ill. Preparing high melting point asphalt and high quality bright stock from mixed base residuum. 2,217,727; Oct. 15.
Brown, Arthur E., and W. Vaughan, London, Ontario, Canada, assignors to L. Benoit, New York, N. Y. Egg carton assembling machine. 2,195,916; Apr. 2.
Brown, Arthur J., Chicago, Ill., assignor to Whiting Corporation, Harvey, Ill. Mechanical load brake. 2,202,137; May 28.
Brown, Arthur L., Pittsburgh, and L. R. Hill, Edgewood, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Insulating material. 2,210,704; Aug. 6.
Brown Bag Filling Machine Company, The. (See Chandler, Austin S., assignor.)
Brown, Benjamin D., Woodhaven, N. Y. Irregular contour grinding machine. 2,227,243; Dec. 31.
Brown & Bigelow. (See Felt, Paul W., assignor.)
Brown & Bigelow. (See Seel, J. L., and Mueller, assignors.)
Brown & Bigelow. (See Trollen, Martin E., assignor.)
Brown, Calvin R., Minneapolis, Minn. Apparatus for setting stages. 2,209,596; July 30.
Brown, Carl A., Chardon, and F. B. Van Sickle, Lyndhurst, Ohio, assignors to General Electric Company. Apparatus for bending vitreous tubing. 2,208,958; July 23.
Brown, Carl A., Chardon, and C. E. Hahn, Cleveland, Ohio, assignors to General Electric Company. Base for incandescent lamps and similar devices. 2,210,525; Aug. 6.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Loom harness mechanism. 2,187,699; Jan. 16.
Brown, Carl D., Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass. Adjustable harness mechanism. 2,187,814; Jan. 23.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Picker stick check. 2,191,422; Feb. 20.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Warp stop mechanism. 2,200,148; May 7.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Filling replenishing loom. 2,202,186; May 28.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Loom. 2,208,832; July 2.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Center support for detector bars. 2,220,011; Oct. 29.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Bobbin support. 2,221,732; Nov. 12.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Parallel shoe guide. 2,224,096; Dec. 3.
Brown, Carl W. (See Currivan, F. E., and Brown.)
Brown, Carleton F., assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine key. 2,188,385; Jan. 30.
Brown, Cecil L., and W. H. Jones, Baton Rouge, La., assignors to Standard-I. G. Company. Preparing improved hydrogenation catalysts in lump form. 2,192,125; Feb. 27.
Brown, Charles H., New York, N. Y. Foot measuring apparatus. 2,200,223; May 7.
Brown, Charles H., Baldwin, N. Y., assignor to Radio Corporation of America. Polarized wave transmitting system. 2,223,950; Dec. 3.
Brown, Charles H., Brooklyn, N. Y., assignor, by mesne assignments, to Polaroid Corporation, Dover, Del. Light polarizing body. 2,224,214; Dec. 10.
Brown, Charles J., Brooklyn, N. Y., assignor to Keystone Drum Company. Closure device for drums and the like. 2,185,171; Jan. 2.
Brown, Charles L., Jr. (See Lofgren, G. E., and Brown.)
Brown, Charles L., Jr. (See Stevens, C. E., and Brown.)
Brown, Charles L., Jr., Stamford, Conn., assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,214,632; Sept. 10.
Brown, Charles L., Jr., Stamford, Conn., assignor to Electrolux Corporation, New York, N. Y. Closure member. 2,220,060; Nov. 5.
Brown, Charles R. (See Scott, A. T., and Brown.)
Brown, Charles R., Champaign, Ill., assignor to The Sharples Corporation, Philadelphia, Pa. Degermination process. 2,190,095; Feb. 13.
Brown, Charles R., Champaign, Ill., assignor to The Sharples Corporation. Manufacture of alcohol. 2,206,024; July 2.
Brown, Charles R., Champaign, Ill., assignor to The Sharples Corporation. Treatment of distillery slop. 2,216,904; Oct. 8.
Brown, Charles R., Champaign, Ill., and A. T. Scott, Ardmore, Pa., assignors to The Sharples Corporation. Treatment of distillery slop. 2,216,905; Oct. 8.
Brown, Charles S. (See Delaney, Thomas A., assignor.)
Brown, Charles S., Syracuse, N. Y. Forming boxes with one or more nipples. 2,186,322; Jan. 9.
Brown, Charles S., Syracuse, N. Y. Internal combustion engine. 2,204,842; June 18.
Brown, Charles S., Syracuse, N. Y. Motor driven vehicle. 2,207,780; July 16.
Brown, Charles S., Syracuse, N. Y. Building structure. 2,214,657; Sept. 10.
Brown, Chester J., Garden City, Kans. Tire pressure indicator for pneumatic wheels. 2,213,949; Sept. 10.
Brown, Chester W., et al. (See Hayden, Roosevelt A., assignor.)
Brown, Cicero C., Houston, Tex. Casing perforator. 2,186,323; Jan. 9.
Brown, Cicero C., Houston, Tex. Packer and setting tool combination. 2,186,324; Jan. 9.
Brown, Cicero C., Houston, Tex. Tubing support. 2,189,575; Feb. 6.
Brown, Cicero C., Houston, Tex. Cementing apparatus. 2,197,920; Apr. 23.
Brown, Cicero C., Houston, Tex. Equipping wells under pressure. 2,211,845; Aug. 20.
Brown, Cicero C., Houston, Tex. Valve. 2,211,846; Aug. 20.
Brown, Cicero C., Houston, Tex. Casing perforator. 2,214,320; Sept. 10.
Brown, Clarence J., Burlingame, and J. C. Haun, San Francisco, Calif. Rotary mud treatment process. 2,225,973; Dec. 24.
Brown, Claude F., Chicago, Ill. Flexible refrigerating package production. 2,203,591; June 4.
Brown, Claude P., and F. H. Wilson, Philadelphia, Pa. Counting chamber. 2,200,053; May 7.
Brown, Clyde E., Grafton, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Self-cleaning cloth board for axminster looms. 2,224,592; Dec. 10.
Brown, Clyde E., Grafton, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Warp control in Axminster looms. 2,226,217; Dec. 24.
Brown, Clyde E., Grafton, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electric weft detector for looms. 2,226,218; Dec. 24.
Brown Company. (See Ayers, Fred L., assignor.)
Brown Company. (See Richter, George A., assignor.)
Brown Company. (See Schur, Milton O., assignor.)
Brown Company. (See Schur, M. O., and Hoos, assignors.)
Brown, Curtis M. (See Smith, F. K., and Brown.)
Brown, Cuthbert J., assignor to The Foxboro Company, Foxboro, Mass. Controller deviation recorder. 2,211,317; Aug. 13.

Brown, Davis, Los Angeles, Calif. Equipment for plasticizing. 2,213,381; Sept. 3.
Brown, Davis, and J. B. Peebles, Los Angeles, and B. M. Burchfiel, Glendale, Calif.; said Peebles and said Burchfiel assignors to said Brown. Making interlocking roofing tile. 2,205,080; June 18.
Brown, Dayton T., Manhasset, assignor to Brewster Aeronautical Corporation, Long Island City, N. Y. Retractable landing gear. 2,222,975; Nov. 26.
Brown, Delbert F., Westfield, and H. C. De Hoff, Roselle Park, N. J., assignors to Standard Oil Development Company. Emulsion product. 2,189,854; Feb. 13.
Brown, Delbert F., Westfield, and H. C. De Hoff, Roselle Park, N. J., assignors to Standard Oil Development Company. Silver polish. 2,205,115; June 18.
Brown, Deskin I., assignor of one-half to W. J. Steiner, Laura, Ohio. Power transmission mechanism. 2,212,806; Aug. 27.
Brown, Earl H., Palo Alto, and C. F. Williams, San Mateo, Calif., assignors to Minerals Separation North American Corporation, New York, N. Y. Separation of molybdenite from copper sulphides. 2,187,930; Jan. 23.
Brown, Edward I., assignor of one-half to J. Dietrich, Lansing, Mich. Burglarproof door lock. 2,200,834; May 14.
Brown, Edwin P., Murfreesboro, N. C. Bag strip liner. 2,206,596; July 2.
Brown, Ellis V. (See Pasternack, R., and Brown.)
Brown, Elmer C., Donnelly, Idaho. Trailer hitch. 2,191,749; Feb. 27.
Brown, Elmer L., assignor to J. B. Smith, San Francisco, Calif. Radio receiver. 2,203,043; June 4.
Brown, Elmer L., assignor to Joseph B. Smith, San Francisco, Calif., as trustee. Radio transmitter. 2,213,301; Sept. 3.
Brown, Elmer L., assignor to J. B. Smith, San Francisco, Calif., as trustee. Insect exterminator and method of exterminating insects. 2,223,813; Dec. 3.
Brown, Emil. (See Willis, Rolland E., assignor.)
Brown Equipment & Manufacturing Company. (See Brown, Joseph L., assignor.)
Brown, Ervin T. (See Barry, Edward J., assignor.)
Brown, Francis B., Los Angeles, Calif., assignor to Harman Pacific Company. Liquid dispensing apparatus. 2,222,704; Nov. 26.
Brown, Francis G., and D. J. Sullivan, Fairfield, Conn., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Making an elastic fabric. 2,213,899; Sept. 3.
Brown, Francis H., Ridley Park, assignor to The Real Estate-Land Title and Trust Company, Philadelphia, Pa. 2,185,537; Jan. 2.
Brown, Francis H., Ridley Park, assignor to The Real Estate-Land Title Trust Company, Philadelphia, Pa. Stoker. 2,187,726; Jan. 23.
Brown, Francis H., Ridley Park, assignor to The Real Estate-Land Title and Trust Company, Philadelphia, Pa. Stoker. 2,187,727; Jan. 23.
Brown, Francis H., Ridley Park, assignor to The Real Estate-Land Title and Trust Company, Philadelphia, Pa. Stoker. 2,190,974; Feb. 20.
Brown, Francis V., assignor to Automotive Products Company Limited, London, England. Liquid pressure remote control system. 2,186,235; Jan. 9.
Brown, Francis V., London, assignor to Aircraftings Limited, Gunnersbury, London, England. Gland or packing. 2,186,664; Jan. 9.
Brown, Francis V., assignor to Automotive Products Company Limited, London, England. Pump for liquid pressure remote control systems. 2,205,828; June 25.
Brown, Frank G., Sliver Lake, South Lyon, Mich. Tube chamfering tool. 2,187,221; Jan. 16.
Brown, Frank H., Pennside, Pa. Coloring and agitating paint. 2,195,234; Mar. 26.
Brown, Fred O. C., Grand Rapids, Mich. Creamer and the like. 2,219,735; Oct. 29.
Brown, Frederick M., Los Angeles, Calif. Valve. 2,187,964; Jan. 23.
Brown, George C., Chicago, Ill. Measuring and dispensing device. 2,207,395; July 9.
Brown, George E., assignor of one-fourth to C. H. Nelson, Roanoke, Va. Landing net. 2,197,921; Apr. 23.
Brown, George H., Haddonfield, N. J., assignor to Radio Corporation of America. Ultra high frequency antenna. 2,207,781; July 16.
Brown, George H., Haddonfield, N. J., assignor to Radio Corporation of America. Electrical network. 2,214,041; Sept. 10.
Brown, George R. (See Sambleson, R. F., and Brown.)
Brown, George R., Stratford, Conn., assignor to General Electric Company. Electric switch. 2,186,818; Jan. 9.
Brown, George R., Stratford, Conn., assignor to General Electric Company. Electric switch. 2,215,819; Sept. 17.
Brown, George R., Stratford, and F. H. Cowe, Bridgeport, Conn., assignors to General Electric Company. Tumbler switch. 2,195,295; Mar. 26.
Brown, Glenn D., Waterloo, Iowa. Filler for grease guns. 2,218,598; Oct. 22.
Brown, Glendon C. (See Seeger, E. W., and Brown.)
Brown, Glendon C., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Elevator controller. 2,189,193; Feb. 6.
Brown, Grover C., Montebello, Calif., assignor to The Patent and Licensing Corporation, New York, N. Y. Process and apparatus for bagging asphalt. 2,206,157; July 2.
Brown, Guy M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Effective temperature control. 2,220,061; Nov. 5.
Brown, H. H., Shoe Company. (See Corson, Harry F., assignor.)
Brown, Hans, Seattle, Wash. Deck hoisting gear. 2,222,066; Nov. 19.
Brown, Harold, Albuquerque, N. Mex. Automatic separator. 2,225,974; Dec. 24.
Brown, Harold P., and J. A. Austin, assignors to Jensen-Salsbery Laboratories Inc., Kansas City, Mo. Sodium antimonyl-catechol-thiosalicylate. 2,226,530; Dec. 31.
Brown, Harold G., Scottsville, Ky. Automatic brake adjuster. 2,196,137; Apr. 2.
Brown, Harold J., Chicago, Ill., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Vibrator. 2,197,607; Apr. 16.
Brown, Harold P., and J. A. Austin, assignors to Jensen-Salsbery Laboratories Inc., Kansas City, Mo. Antimonyl catechol salicylic acid sodium salt. 2,221,831; Nov. 19.
Brown, Harry S. (See Holdren, Clifford J., assignor.)
Brown, Harry D., Palisade, Colo. Process and means for recovering vanadium and uranium from ores. 2,217,665; Oct. 15.
Brown, Hart, Houston, Tex. Force measuring device. 2,203,293; June 4.
Brown, Henry, assignor to The Udylite Corporation, Detroit, Mich. Electrodeposition of nickel from an acid bath. 2,191,813; Feb. 27.
Brown, Henry, Detroit, Mich., assignor, by mesne assignments, to The Udylite Corporation. Electrodeposition of nickel. 2,211,535; Aug. 13.
Brown, Henry, Detroit, Mich., assignor, by mesne assignments, to The Udylite Corporation. Acid cadmium electroplating bath. 2,222,398; Nov. 19.
Brown, Herbert E., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,195,023; Mar. 26.
Brown, Herbert E., assignor to Burroughs Adding Machine Company, Detroit, Mich. Key construction. 2,226,691; Dec. 31.
Brown, Herman M., Huntington, W. Va., assignor to The International Nickel Company, Inc., New York, N. Y. Deseaming blooms, billets, sheet bars, and the like. 2,185,496; Jan. 2.
Brown, Herman M., Huntington, W. Va., assignor to The International Nickel Company, Inc., New York, N. Y. Automatic strip grinder. 2,191,814; Feb. 27.
Brown, Hugh E., Cleveland Heights, and S. Grant, assignors to The W. S. Tyler Company, Cleveland, Ohio. Screening apparatus. 2,211,000; Aug. 13.
Brown, Hugh S. (See Viles, L. M., and Brown.)
Brown, Hugh S., Harvey, Ill. Reverse gearing. 2,193,221; Mar. 12.
Brown Instrument Company, The. (See Burdick, E. C., Moore, and Sharp, assignors.)
Brown Instrument Company, The. (See Harrison, Thomas R., assignor.)
Brown Instrument Company, The. (See Hawkins, Richard P., assignor.)
Brown Instrument Company, The. (See Keeler, Earl A., assignor.)
Brown Instrument Company, The. (See Kirk, David B., assignor.)
Brown Instrument Company, The. (See Krogh, Anker E., assignor.)
Brown Instrument Company, The. (See Mallory, Robert L., assignor.)
Brown Instrument Company, The. (See Moore, Coleman B., assignor.)
Brown Instrument Company, The. (See Moore, C. B., and Burdick, assignors.)
Brown Instrument Company, The. (See Moore, C. B., and Trumbower, assignors.)
Brown Instrument Company, The. (See Nichols, John T., assignor.)
Brown Instrument Company. (See Parker, H. F., and Aceves, assignors.)
Brown Instrument Company, The. (See Pearce, Walter H., assignor.)
Brown Instrument Company, The. (See Side, Frederick W., assignor.)
Brown Instrument Company, The. (See Whitten, James L., assignor.)
Brown Instrument Company, The. (See Wills, Walter P., assignor.)
Brown, J. K., et al. (See Jones, Jack E., assignor.)
Brown, James C., Huntingdon, Quebec, Canada. Rotary power knife. 2,202,085; May 28.
Brown, James W., administrator. (See Smith, F. H., and Stringfellow.)
Brown, James W., Hammond, Ind., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Barrel. 2,194,518; Mar. 26.
Brown, James W., and D. P. Hill, Hammond, Ind., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of chemically pure hydrochloric acid. 2,196,246; Apr. 9.
Brown, James W., and M. A. Pierce, Los Angeles, Calif. Refrigerator control. 2,198,328; Apr. 23.

Brown, James W., Hammond, and H. C. Hosford, East Chicago, Ind., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of chemically pure hydrochloric acid. 2,213,544; Sept. 3.
Brown, Jean F., administratrix. (See Seeger, E. W., and Brown.)
Brown, Jefferson D. (See Brown, Owen Y. and J. D.)
Brown, John C., New York, N. Y. Ejector fork. 2,187,145; Jan. 16.
Brown, Jennie, Red Bay, Ala. One-piece dress. 21,522; Aug. 6.
Brown, Jesse J., Syracuse, N. Y. Resistance welding electrode. 2,214,760; Sept. 17.
Brown, John G., Butte, Mont. Safety device for railway locomotive boilers. 2,194,636; Mar. 26.
Brown, John H., Galena, Mo. Steam generator. 2,207,654; July 9.
Brown, John J., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Carbon ring seal. 2,222,360; Nov. 19.
Brown, John L., Verona, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Self-cleaning textile motor. 2,202,622; May 28.
Brown, John L., Momence, Ill. Gun silencer and scavenger. 2,208,093; July 16.
Brown, John L., Verona, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Axial shaft adjustment for dynamoelectric machines. 2,210,705; Aug. 6.
Brown, John R., Cleveland, and D. H. Brownell, Willoughby, assignors to The Reliance Gauge Column Company, Cleveland, Ohio. Liquid gauge apparatus. 2,215,660; Sept. 24.
Brown, John R., Cleveland, and D. H. Brownell, Willoughby, assignors to The Reliance Gauge Column Company, Cleveland, Ohio. Safety liquid level gauge apparatus. 2,225,608; Dec. 24.
Brown, John R., Cleveland Heights, assignor to The Reliance Gauge Column Company, Cleveland, Ohio. Plural valve control. 2,227,405; Dec. 31.
Brown, John T. L., Staten Island, N. Y., and E. W. Holman, Tenafly, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Method and apparatus for testing receivers. 2,193,087; Mar. 12.
Brown, John W., Jr., Lakewood, Ohio. Making heat transfer pipe. 2,201,024; May 14.
Brown, Joseph H., Brooklyn, N. Y., assignor to Celluloid Corporation. Sheet material having crystalline effects. 2,188,386; Jan. 30.
Brown, Joseph H., Brooklyn, N. Y., assignor to Celluloid Corporation. Sheet material having crystalline effects. 2,188,387; Jan. 30.
Brown, Joseph L., assignor to Brown Equipment & Manufacturing Company, Charlotte, N. C. Truck support. 2,198,758; Apr. 30.
Brown, Kenneth F., Burbank, assignor to National Cable & Metal Co., Glendale, Calif. Battery terminal clamp. 2,204,269; June 11.
Brown, Larry T., Angels Camp, Calif., assignor to Keystone Mfg. Co., Boston, Mass. Lens opening control for cameras. 2,196,097; Apr. 2.
Brown, Lawrence L., Lynwood, assignor of one-fourth to R. H. Wells and one-fourth to F. A. Graser, Long Beach, and one-fourth to J. B. Nelson, Los Angeles, Calif. Well cementing apparatus. 2,191,750; Feb. 27.
Brown, Lemual G., assignor to Pioneer Manufacturing Company, Oklahoma City, Okla. Exterior Venetian blind. 2,209,384; July 30.
Brown, Leonard E. (See Currie, George B., assignor.)
Brown, Lloyd S., Kanorado, Kans. Furrow damming machine. 2,187,262; Jan. 16.
Brown, Mark L. (See Marks, E. S., and Brown.)
Brown, Marshall, assignor of one-half to R. Kamm, Chicago, Ill. Disappearing clock display apparatus. 2,201,809; May 21.
Brown, Maude E., St. Paul, Minn. Pan lifter. 2,203,812; June 11.
Brown, Morris, La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electroplating process. 2,203,253; June 4.
Brown, Ned C. L., Scottsville, and W. V. Morgan, incompetent, by M. O. Morgan, Committee, assignors to General Railway Signal Company, Rochester, N. Y. System for automatically controlling the switches in a railroad classification yard. 2,194,353; Mar. 19.
Brown, Ned C. L., Scottsville, and F. C. Nilson, assignors to General Railway Signal Company, Rochester, N. Y. Car retarder for railroads. 2,217,214; Oct. 8.
Brown, Norman, et al. (See Hayden, Roosevelt A., assignor.)
Brown, Norman E., assignor to Stevenson Company, Wellsville, Ohio. Mill. 2,186,164; Jan. 9.
Brown, Oliver J., Cincinnati, Ohio. Fountain applicator. 2,190,975; Feb. 20.
Brown, Orris D., Houston, Tex. Moving picture machine. 2,225,620; Dec. 24.
Brown, Owen Y. and J. D., assignors of twenty-five per cent to T. H. Small, and twenty-five per cent to J. A. Lovell, Fort Worth, Tex. Garment blocking and forming apparatus. 2,195,235; Mar. 26.
Brown, Paul H., and R. M. Carson, Kansas City, Mo.; said Carson assignor to said Brown. Timing control mechanism. 2,194,586; Mar. 26.
Brown, Paul H., Kansas City, and R. M. Carson, Clayton, Mo.; said Carson assignor to said Brown. Temperature control for electric stoves. 2,194,587; Mar. 26.
Brown, Ralph, Vancouver, British Columbia, Canada. Needle threading device. 2,185,722; Jan. 2.
Brown, Richard I., Los Angeles, assignor to Standard Oil Company of California, San Francisco, Calif. Method and apparatus for operating wells. 2,215,913; Sept. 24.
Brown, Robert, Johnstown, Pa. Braille slate. 2,190,752; Feb. 20.
Brown, Robert, New York, N. Y. Coffee bean flour and producing same. 2,227,063; Dec. 31.
Brown, Robert C., assignor to Du-All Scaffold Bracket Company, Columbus, Ohio. Bracket. 2,187,642; Jan. 16.
Brown, Robert C., Jr. (See Mohun, J. L., Brown, and Test.)
Brown, Robert C., Jr., Highland Park, Ill., assignor to Davidson Manufacturing Corporation. Stripper for printing presses. 2,211,766; Aug. 20.
Brown, Robert E., assignor, by mesne assignments, to E. H. Vail, Los Angeles, Calif. Distilling apparatus. 2,192,879; Mar. 12.
Brown, Robert H., Westminster, London, assignor to W. E. Moulsdale & Co. Limited, London, England. Machine for shelling rice and other hard kerneled grains, seeds, and beans. 2,211,096; Aug. 13.
Brown, Robert N., assignor to Packard Motor Car Company, Detroit, Mich. Machine for assembling articulated elements. 2,210,615; Aug. 6.
Brown, Robert R. H., Saltcoats, and J. M. Cooper, Ardrossan, Scotland, assignors to Imperial Chemical Industries Limited. Manufacture of textile materials. 2,192,297; Mar. 5.
Brown, Robert W., Baldwin, N. Y. Floor structure. 2,216,732; Oct. 8.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Apparatus for the manufacture of rubber plates. 2,208,536; July 16.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vehicle suspension. 2,208,537; July 16.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vehicle suspension. 2,208,538; July 16.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Fluid pressure valve control. 2,208,539; July 16.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vehicle suspension. 2,208,540; July 16.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Making flexible pressure containers. 2,221,470; Nov. 12.
Brown Rubber Company. (See Buskirk, Joseph H., assignor.)
Brown, Samuel B., assignor, by mesne assignments, to American Liquid Gas Corporation, Los Angeles, Calif. Liquid fuel converter. 2,188,072; Jan. 23.
Brown and Sharpe Manufacturing Company. (See Bennett, Arthur F., assignor.)
Brown and Sharpe Manufacturing Company. (See Bennett, A. F., and Hirsch, assignor.)
Brown and Sharpe Manufacturing Company. (See Coffin, E. E., and Krause, assignors.)
Brown and Sharpe Manufacturing Company. (See Maglott, George F., assignor.)
Brown, Sidney G., London, England, assignor to The Telegraph Condenser Company Limited, North Acton, England. Variable electrical condenser. 2,225,855; Dec. 24.
Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Power lift. 2,195,610; Apr. 2.
Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Implement connection. 2,195,611; Apr. 2.
Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Power lift mechanism. 2,196,053; Apr. 2.
Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Power lift attachment for tractors. 2,197,848; Apr. 23.
Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Supporting runner. 2,207,283; July 9.
Brown, Theophilus, and T. W. Paul, assignors to Deere & Company, Moline, Ill. Power lift mechanism. Re. 21,667; Dec. 24.
Brown, Thomas H. (See Houghton, J. Y., and Brown.)
Brown, Thomas J., Cohoes, N. Y. Lubricant. 2,203,044; June 4.
Brown, Thomas T., Zanesville, Ohio. Method and apparatus for removing suspended matter from gases. 2,207,576; July 9.
Brown, Walter W., Berkeley, assignor to Ralph N. Brodie Company, Oakland, Calif. Manifolding apparatus. 2,225,153; Dec. 17.
Brown, Warren D. (See Brown, Warren G. and W. D.)
Brown, Warren G. and W. D., Detroit, assignors of one-third to F. C. Bagby, Birmingham, Mich. Apparatus for treating masonry and like surfaces. 2,188,938; Feb. 6.
Brown, William, Wilkes-Barre, Pa. Eyelens brace and protector. 2,197,682; Apr. 16.
Brown, William, Niles, Mich. Hose reel. 2,216,384; Oct. 1.

Brown, William A. (See Hargreaves, E. S., Clements, Brown, and Lawrenson.)
Brown, William A., Philadelphia, Pa. Lighting and air impelling device. 2,201,153; May 21.
Brown, William H., Santa Fe, N. Mex. Mechanical pencil. 2,219,618; Oct. 29.
Brown, William J., and P. J. Good, assignors to Taylor Instrument Companies, Rochester, N. Y. Time cycle controller. 2,224,593; Dec. 10.
Brown, William O., Los Angeles, Calif. Juice extracting machine. 2,199,876; May 7.
Brown, William O., West Hollywood, Calif. Grating machine for citrus fruit and the like. 2,208,787; July 23.
Brown, William S. (See McGee, J. D., Freeman, and Brown.)
Brown, William W., Warren, Ind. Fishing float. 2,206,630; July 2.
Browne, Alfred L., South Orange, N. J. Storage box. 2,216,873; Oct. 8.
Browne, Alfred L., South Orange, N. J., assignor to Illinois Engineering Company, Chicago, Ill. Heating system. 2,193,160; Mar. 12.
Browne, Arthur W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Composition of matter. 2,196,602; Apr. 9.
Browne, Arthur W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Cement and preparing the same. 2,226,541; Dec. 31.
Browne, Cecil O. (See Bowman-Manifold, M., Cork, and Browne.)
Browne, Cecil O., London, and F. Blythen, Hayes, assignors to Electric & Musical Industries Limited, Middlesex, England. Apparatus for amplifying electrical variations. 2,190,753; Feb. 20.
Browne, Cecil O., West Acton, London, J. Hardwick, West Drayton, F. Blythen, Hayes, and E. L. C. White, Hillingdon, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Television and the like transmitting system. 2,212,199; Aug. 20.
Browne, Donald B., Harpenden, England, assignor by mesne assignments, to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,191,423; Feb. 20.
Browne, Edythe D., Chicago, Ill. Garment form. 2,187,965; Jan. 23.
Browne, Floyd A., Cleveland, assignor of one-half to J. D. Overholt, Wooster, Ohio. Conveying mechanism. 2,185,973; Jan. 2.
Browne, Harry L. (See Blanchard, R. F., Blanton, and Browne.)
Browne, Kenneth A., Westwood, N. J., assignor to Wright Aeronautical Corporation. Cylinder head cooling means. 2,214,321; Sept. 10.
Browne, Kenneth A., Westwood, and F. B. Hunter, Wyckoff, N. J., assignors to Wright Aeronautical Corporation. Supercharger relief valve. 2,196,247; Apr. 9.
Browne, Lindsay H. (See Curtin, M. T., and Browne.)
Browne, Vere B., assignor to Allegheny Steel Company, Brackenridge, Pa. Vanadium steel alloy. 2,193,222; Mar. 12.
Brownell, Dean H. (See Brown, J. R., and Brownell.)
Browner, William, San Francisco, assignor of one-half to W. Limberg, Bakersfield, and one-half to F. W. Epperson, Oakland, Calif. Therapeutic machine. 2,190,282; Feb. 13.
Browning, Frank H., Seattle, Wash. Steam separator. 2,214,658; Sept. 10.
Browning, J. M. & M. S., Company. (See Browning, Val A., assignor.)
Browning, James E., assignor of one-half to C. V. Birkhead and W. N. Beckmann, San Antonio, Tex., copartners doing business as Birkhead Beckmann, Stanard & Vance. Gas burner igniting means. 2,201,077; May 14.
Browning, James E., San Antonio, Tex., assignor to Browning Laboratories, Inc. Fuel supply and igniting means for water heaters. 2,208,719; July 23.
Browning, Jonathan E., Ogden, Utah, assignor to Western Cartridge Company. Repeating firearm. 2,196,852; Apr. 9.
Browning, Jonathan E., Ogden, Utah, assignor, by mesne assignments, to Western Cartridge Company. Gas-operated automatic firearm. 2,211,405; Aug. 13.
Browning Laboratories, Inc. (See Browning, James E., assignor.)
Browning, Val A., assignor to J. M. & M. S. Browning Company, Ogden, Utah. Firearm. 2,203,378; June 4.
Brownjohn, Earl, Buffalo, N. Y., assignor to Milton Bradley Company, Springfield, Mass. Drawing apparatus. 2,210,895; Aug. 13.
Brownlee, A., et al. (See Cook, William H., assignor.)
Brownlee, F., et al. (See Cook, William H., assignor.)
Brownlee, Robert L., Chicago, Ill. Transmission gearing. 2,185,537; Jan. 2.
Brownlee, Stuart D., and J. G. MacDonald, Toronto, Ontario, Canada. Flatiron. Re. 21,577; Sept. 24.
Brownmiller, Lorrin T., Easton, Pa., assignor to Bakelite Building Products Co. Inc., New York, N. Y. Roof and siding material. 2,198,601; Apr. 30.
Brownne, Frederick T., Denver, Colo. Lock. 2,217,098; Oct. 8.
Brownstein, Henry J., Chicago, Ill. Liquid applicator. 2,194,819; Mar. 26.
Brownstein, Louis, assignor to I. Gerber, Brooklyn, N. Y. Glove pressing machine. 2,199,778; May 7.
Brownstein, Louis, Brooklyn, assignor to Liebig Products Co., Inc., New York, N. Y. Bouillon cube machine. 2,200,224; May 7.
Broxton, William M., Chattanooga, Tenn. Base bag. 2,220,142; Nov. 5.
Broyles, Otis T., Los Angeles, Calif. Deep well apparatus. 2,189,937; Feb. 13.
Broz, William J., Prairieburg, Iowa. Fishhook. 2,208,069; July 16.
Brozovic, Joseph. (See Dworchuck, J. L., and Brozovic.)
Brubaker, Lloyd, Petrolia, Calif. Saw blade. 2,194,785; Mar. 26.
Brubaker, Merlin M. (See Alderman, V. V., Brubaker, and Hanford.)
Brubaker, Merlin M., Wilmington, Del., assignor to Du Pont Film Manufacturing Corporation, New York, N. Y. Photographic fixative composition. 2,195,405; Apr. 2.
Brubaker, Merlin M., and R. W. Maxwell, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing beta-ethylamino ethanols. 2,212,149; Aug. 20.
Brubaker, Merlin M., R. E. Christ, and D. D. Coffman, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ester-amide interpolymers. 2,224,037; Dec. 3.
Brubaker, William A., Akron, assignor of thirty-seven and one-half per cent to F. B. Killian, Doylestown, thirty-seven and one-half per cent to J. Tyrrell, trustee, and twenty-five per cent to P. H. Stevens, Akron, Ohio. Bead rolling machine. 2,222,590; Nov. 26.
Brubaker, Wilson M. (See Slepian, J., and Brubaker.)
Bruce, Douglas, Toronto, Ontario, Canada, assignor to Sangamo Electric Company, Springfield, Ill. Temperature compensation of thermal devices. 2,225,975; Dec. 24.
Bruce, E. L., Company. (See Bruce, Robert G., assignor.)
Bruce, Edmond, Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,193,578; Mar. 12.
Bruce, Edmond, Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,193,579; Mar. 12.
Bruce, Edmond, Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,201,880; May 21.
Bruce, Elmer, et al. (See Darling, Louis H., assignor.)
Bruce, John M., New York, N. Y. Brew handling and dispensing apparatus. 2,201,154; May 21.
Bruce, Louis F., Orange, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Stopper for pour ladles. 2,197,515; Apr. 16.
Bruce, Olov W., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Releasable coupling. 2,222,018; Nov. 19.
Bruce, Robert G., Memphis, Tenn., assignor to E. L. Bruce Company. Wood block flooring. 2,222,137; Nov. 19.
Bruce, Thomas J., Wichita, Kans. Piston peening device and the like. 2,212,705; Aug. 27.
Brüche, Ernst, Berlin-Reinickendorf-on-the-Schaefersee, assignor to Allgemeine Elektricitats Gesellschaft, Berlin, Germany. Electronic device. 2,206,387; July 2.
Bruche, Ernst, Berlin-Reinickendorf, Germany, assignor to General Electric Company. Electron device. 2,225,901; Dec. 24.
Brüche, Ernst, Berlin-Reinickendorf, and E. Steudel, Berlin-Dahlem, Germany, assignors to Allgemeine Elektricitats Gesellschaft, Friedrich-Karl-Ufer. Electron multiplier. 2,185,172; Jan. 2.
Bruchenal, Wm., et al. (See Peck, Robert E., assignor.)
Brück, Lothar, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Frequency discriminator network. 2,214,574; Sept. 10.
Brucker, Eli, Miami, Fla. Reversible doll. 2,195,127; Mar. 26.
Brucker, Henry, Maplewood, assignor to American Aluminum Ware Co., Newark, N. J. Machine for inserting pouring spouts into containers. 2,216,733; Oct. 8.
Bruckmann, Werner, Kassel-Kirchditmold, Germany assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Impulse generator. 2,221,573; Nov. 12.
Bruckman, William C., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Molded knob assembly. 2,202,371; May 28.
Bruckmoser, Ludwig. (See Steinlein, G., and Bruckmoser.)
Bruckner, Richard, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio transmitter synchronization. 2,218,636; Oct. 22.
Bruderick, George W., Detroit, Mich. Signal system for motor-driven vehicles. 2,207,114; July 9.
Brudsig, Carl R. N., Villa Park, Ill. Heel. 2,216,430; Oct. 1.
Bruecker, John, Chicago, Ill. Shaving implement. 2,196,098; Apr. 2.
Brueggeman, John T., Shaker Heights, Ohio. Egg separator. 2,187,488; Jan. 16.
Bruehlman, Henry G., Toledo, Ohio. Suspended construction. 2,191,828; Feb. 27.
Bruenger, Carl W. (See Spickelmier, E., Bruenger, and Hitchcock.)

Bruengger, Heinrich. (See Graenacher, C., Gyr, Kaiser, Ackermann, and Bruengger.)
Bruestle, Armin O. (See Stenger, E. P., and Bruestle.)
Bruestle, Carl O., assignor to Elevator Supplies Company, Incorporated, Rahway, N. J. Apparatus for coiling wire or the like. 2,216,224; Oct. 1.
Bruestle, Carl O., assignor to Elevator Supplies Company, Incorporated, Rahway, N. J. Apparatus for coiling wire or the like. 2,216,225; Oct. 1.
Brügmann, William F., Evanston, Ill. Printing plate mounting. 2,210,749; Aug. 6.
Bruington, George H., Santa Fe, N. Mex. Safety light switch. 2,201,078; May 14.
Bruining, Hajo, Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,189,973; Feb. 13.
Bruining, Hajo, J. H. de Boer, and M. C. Teves, Eindhoven, Netherlands, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Secondary electron emitter and making it. 2,190,695; Feb. 20.
Bruining, Hajo, and J. H. de Boer, Eindhoven, Netherlands, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electric discharge tube. 2,198,329; Apr. 23.
Bruker, Hobart W., assignor to George W. Swift, Jr., Inc., Bordentown, N. J. Web treating apparatus. 2,192,432; Mar. 5.
Bruker, Hobart W., assignor to George W. Swift, Jr., Inc., Bordentown, N. J. Cutting machine. 2,204,067; June 11.
Bruker, Hobart W., and C. S. Thorn, assignors to George W. Swift, Jr., Inc., Bordentown, N. J. Guide construction for corrugating machine. 2,185,884; Jan. 2.
Bruker, Hobart W., and H. F. Black, assignors to George W. Swift, Jr. Inc., Bordentown, N. J. Cutting mechanism. 2,185,885; Jan. 2.
Bruker, Hobart W., and C. S. Thorn, assignors to George W. Swift, Jr., Inc., Bordentown, N. J. Double backing machine. 2,219,065; Oct. 22.
Brullhardt, Ernest C., Stratford, N. J. Support for beaters or mixers. 2,188,701; Jan. 30.
Brumbaugh, Isaac V., assignor to American Stove Company, St. Louis, Mo. Oven and burner therefor. 2,193,055; Mar. 12.
Brumfield, Richard M. (See Potter, E. E., and Brumfield.)
Brumley, John L., Sanford, Fla. Pile repair unit. 2,187,677; Jan. 16.
Brummack, Günther. (See Weingand, R., and Brummack.)
Brun, Willi, Bridgeport, Conn., assignor to Remington Arms Company, Inc. Making lead nitrato-hypophosphite. 2,202,646; May 28.
Brun, Willi, Bridgeport, Conn., assignor to Remington Arms Company, Inc. Manufacture of lead styphnate. 2,202,647; May 28.
Brün, Willi, Bridgeport, Conn., assignor to Remington Arms Company, Inc. Explosive. 2,205,116; June 18.
Brunander, Gustav N., Portland, Oreg. Fireplace damper. 2,205,591; June 25.
Brundage, Norman C., assignor to Western Precipitation Corporation, Los Angeles, Calif. Gas scrubber. 2,203,592; June 4.
Brunderman, Martin E., Chicago, Ill. Steam and water trap. 2,215,998; Sept. 24.
Brune, William A., Orlando, Fla. Brush case. 2,190,696; Feb. 20.
Brunelle, August, Clifton, N. J., assignor to Wright Aeronautical Corporation. Cylinder-to-crankcase attachment. 2,208,660; July 23.
Bruner, Calder V. L., Philadelphia, Pa. Roller skate construction. 2,193,685; Mar. 12.
Brunet, Rene A., Charleston, W. Va. Rotary engine. 2,185,428; Jan. 2.
Brunetti, Joseph, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Methods and apparatus for making wire core temples. 2,197,465; Apr. 16.
Brunk, Harold J., Chicago, Ill., assignor to The C. F. Pease Company. Distributing light uniformly. 2,204,297; June 11.
Brunk, Harold J., Chicago, Ill., assignor to The C. F. Pease Company. Apparatus for making blueprints. 2,219,619; Oct. 29.
Brunk, Harold J., Chicago, Ill., assignor to The C. F. Pease Company. Machine for developing blueprints or negatives. 2,219,620; Oct. 29.
Brunk, Harold J., Chicago, and M. Dickason, Oak Park, assignors to The C. F. Pease Company, Chicago, Ill. Nonbleeding blue print and making the same. 2,196.788; Apr. 9.
Brunke, Fritz. (See Glaser, A., Koch, Neidhardt, and Brunke.)
Brunke, Fritz, Berlin-Steglitz, Germany, assignor to General Electric Company. Dry plate rectifier and producing same. 2,189,576; Feb. 6.
Brunke, Fritz, Berlin-Steglitz, Germany, assignor to General Electric Company. Dry plate rectifier and producing same. 2,205,897; June 25.
Brunke, Fritz, Berlin-Steglitz, Germany, assignor to General Electric Company. Selenium rectifier having an insulating layer. 2,215,999; Sept. 24.
Brunke, Fritz, Berlin-Reinickendorf, Germany, assignor to General Electric Company. Dry plate element and forming same. 2,223,203; Nov. 26.
Brunken, William D., Dallas, Tex. Side bumper for automobile bodies. 2,212,493; Aug. 27.
Brunker, George N., Salt Lake City, Utah. Weather strip. 2,225,819; Dec. 24.
Brunkow, William H., Oak Park, Ill. Method and apparatus for drying printed ink. 2,205,391; June 25.
Brunmark, Elmer H., Worcester, Mass. Shoe with detachable heel. 2,195,324; Mar. 26.
Brunnbauer, Albert. (See Passler, Hermann, assignor.)
Brunner, Edward J. (See Fleming, Robert B., assignor.)
Brunner, Ernest J., Eugene, Oreg., deceased; M. C. Brunner, administratrix. Bulldozer mounting. 2,203,941; June 11.
Brunner, Leopold, Brunswick, Germany. Propulsion means, especially for aircraft. 2,218,599; Oct. 22.
Brunner Manufacturing Company. (See Chandler, George W., assignor.)
Brunner, Marie C., administratrix. (See Bruner, Ernest J.)
Brunner, Max, & Co. (See Bürgin, Eugen, assignor.)
Brunner, Reed R. (See Hilliard, W. P., and Brunner.)
Brunner, Reed R., Chevy Chase, Md., assignor to United Air Lines Transport Corporation, Chicago, Ill. Direction finding apparatus. 2,204,206; June 11.
Brunner, Reed R., assignor to Bendix Radio Corporation, Chicago, Ill. Control system. 2,226,692; Dec. 31.
Brunnhoelzl, William, Brooklyn, assignor to J. J. Tashof, New York, N. Y., as trustee. Device for conveying and counting packages. 2,212,507; Aug. 27.
Brunnhoelzl, William, Brooklyn, assignor to J. J. Tashof, New York, N. Y., as trustee. Conveyer system and automatic stopping and starting mechanism therefor. 2,212,508; Aug. 27.
Bruno, Paul L. M., Thourotte, Oise, assignor to Société Anonyme des Manufactures de Glaces et Produits Chimiques de Saint Gobain Chauny & Cirey, Paris, France. Apparatus for controlling the distortion of rolls. 2,214,874; Sept. 17.
Bruno, William S., New Rochelle, N. Y. Sewing cabinet. 2,226,693; Dec. 31.
Brunov, Karl J., Copenhagen, Denmark. Station indicating device. 2,188,621; Jan. 30.
Brunson, Amber N., Kansas City, Mo. Surveying instrument. 2,208,014; July 16.
Brunson, Virgil A. (See Chapman, E. W., and Brunson.)
Brunstrum, Lawrence C., assignor to Standard Oil Company, Chicago, Ill. Soda soap grease. 2,212,189; Aug. 20.
Brunstrum, Lawrence C., and G. W. Flint, Chicago, and F. H. MacLaren, Calumet City, Ill., and E. W. Adams, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Gear lubricant and making it. 2,211,921; Aug. 20.
Brunsviga Maschinenwerke Grimme Natalis & Co. A. G. (See Norton, Charles W., assignor.)
Brunswick-Balke-Collender Company, The. (See Guyton, Robert H., assignor.)
Brunswick-Balke-Collender Company, The. (See Scheidemantel, H. B., and Luth, assignors.)
Brunswick-Balke-Collender Company, The. (See Matteson, Jesse O., assignor.)
Brunswick, Jules, Paris, assignor to M. and R. Baudou, Les Eglisottes (Gironde), France, and himself. Multicellular rubber tire. 2,185,398; Jan. 2.
Brunswig, Heinrich, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Direction finding system. 2,204,174; June 11.
Brunt & Company. (See Brunt, J. P., and Maston, assignors.)
Brunt, John P., Chicago, and E. E. Maston, Wilmette, assignors to Brunt & Company, Chicago, Ill. Channel vented box. 2,195,236; Mar. 26.
Brunzell, Victor, Long Island City, N. Y. Safety cap for ball players. 2,218,947; Oct. 22.
Brush Beryllium Company, The. (See Kjellgren, B. R. F., and Sawyer, assignors.)
Brush Development Company, The. (See Gravley, Charles K., assignor.)
Brush Development Company, The. (See Williams, Alfred L. W., assignor.)
Brush, Graham M., Greenwich, Conn. Railroad car refrigeration. 2,210,896; Aug. 13.
Brush, John G., Westfield, N. J., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Apparatus for heat treatment. 2,189,194; Feb. 6.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Plasticizing nitrogenous resins. 2,187,566; Jan. 16.
Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Quaternary methallyl ammonium halides. 2,191,922; Feb. 27.
Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Crotonic acid ester of polyhydric alcohol. 2,198,373; Apr. 23.
Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Higher polyalkylated cyclohexyl dirivatives. 2,198,375; Apr. 23.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Preparation of polyalkylene ether thioammeline ethers. 2,202,828; June 4.
Bruson, Herman A., assignor to Röhm & Haas Company. Philadelphia, Pa. Insecticidal agent. 2,204,000; June 11.

Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Complex phenolic ester bases and salts thereof. 2,218,739; Oct. 22.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Alkylene ethers of thioammeline. 2,227,215; Dec. 31.
Bruson, Herman A., and J. W. Eastes, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Synthetic resin. 2,187,565; Jan. 16.
Bruson, Herman A., and L. W. Covert, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Methylation of phenolic compounds. 2,194,215; Mar. 19.
Bruson, Herman A., and J. W. Kroeger, assignors to Röhm & Haas Company, Philadelphia, Pa., Cyclic condensation product. 2,198,374; Apr. 23.
Bruson, Herman A., and J. W. Eastes, assignors to Röhm & Haas Company, Philadelphia, Pa. Preparing alkylated aromatic ether halides. 2,209,911; July 30.
Bruson, Herman A., and J. L. Rainey, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Bisthioammeline polyalkylene ether resin. 2,217,667; Oct. 15.
Bruson, Herman A., and C. W. MacMullen, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Phenolic triamines. 2,220,834; Nov. 5.
Bruson, Herman A., and R. F. McCleary, assignors to Röhm & Haas Company, Philadelphia, Pa. Oxides of phenolic amines. 2,220,835; Nov. 5.
Brussolo, Vito A. (See Everheart, E. W., and Brussolo.)
Brustowsky, Morris, Brooklyn, N. Y. Device for scraping the knives of slicing machines. 2,187,801; Jan. 23.
Bruun, Jacob W., Oslo, Norway. Combined tour and slalom binding. 2,187,537; Jan. 16.
Bruun, Johannes H., Swarthmore, assignor to Sun Oil Company, Philadelphia, Pa. Obtaining naphthenic acids. 2,220,012; Oct. 29.
Bruun, Johannes H., Swarthmore, assignor to Sun Oil Company, Philadelphia, Pa. Obtaining naphthenic acids. 2,220,013; Oct. 29.
Bruzau, Marc E. A., S. Van Mierlo, and P. L. Bour, Paris, France, assignors to International Standard Electric Corporation, New York, N. Y. Mechanical resonator, such as piezoelectric crystal devices. 2,203,322; June 4.
Bruzaud, Lexander, New York, N. Y. Shower head. 2,199,478; May 7.
Bry-Block Mercantile Corporation. (See Humphries, William O., assignor.)
Bry, Edwin, Elberon, assignor to Edwin & Louis Bry, Inc., New York, N. Y. Two-color bouclé. 2,201,759; May 21.
Bry, Edwin, Elberon, N. J., assignor to Edwin & Louis Bry, Inc., New York, N. Y. Novelty yarn of wool and mohair. 2,211,641; Aug. 13.
Bry, Edwin, Elberon, N. J., assignor to Edwin & Louis Bry, Inc., New York, N. Y. Novelty wool and mohair knop yarn. 2,211,642; Aug. 13.
Bry, Edwin, Elberon, N. J., assignor to Edwin & Louis Bry, Inc., New York, N. Y. Novelty wool and mohair knop yarn. 2,211,643; Aug. 13.
Bry, Edwin & Louis, Inc. (See Bry, Edwin, assignor.)
Bryan, Harold E., et al. (See Bittner, John M., assignor.)
Bryan, Herbert E., Glenwood, Ala. Hog and fish scraper. 2,215,749; Sept. 24.
Bryan, Lloyd, Los Angeles, and W. R. Postlewaite, assignors to Standard Oil Company of California, San Francisco, Calif. Apparatus for coating pipe. 2,186,361; Jan. 9.
Bryan, Lloyd, Los Angeles, assignor to Standard Oil Company of California, San Francisco, Calif. Pipe coupler. 2,192,484; Mar. 5.
Bryan, Thomas E. (See Kyner, Robert R., assignor.)
Bryan, Thomas E., Fort Worth, Tex. Apparatus for removing liquids from wells. 2,217,305; Oct. 8.
Bryan, Thomas J., assignor of one-half to G. N. Lambros, Buffalo, N. Y. Clothes hanger. 2,196,965; Apr. 9.
Bryant, C. L., Corporation. (See Bryant, Charles L., assignor.)
Bryant, Charles L., assignor to C. L. Bryant Corporation, Cleveland, Ohio. Heating device. 2,190,768; Feb. 20.
Bryant, Charles L., assignor to C. L. Bryant Corporation, Cleveland, Ohio. Air conditioning apparatus. 2,214,269; Sept. 10.
Bryant, Charles L., assignor to C. L. Bryant Corporation, Cleveland, Ohio. Air conditioning apparatus. 2,214,322; Sept. 10.
Bryant Chucking Grinder Company. (See Arms, M. H., Johnson, and Turner, assignors.)
Bryant Chucking Grinder Company. (See Johnson, J. B., and Arms, assignors.)
Bryant, Frank D. (See Young, W. R., and Bryant.)
Bryant, Frank D., Stratford, and W. R. Young, Fairfield, Conn., assignors to General Electric Company. Electric switch. 2,195,237; Mar. 26.
Bryant, Frank D., Stratford, and W. R. Young, Fairfield, Conn., assignors to General Electric Company. Rotary switch. 2,201,881; May 21.
Bryant, Frank D., Stratford, and W. R. Young, Fairfield, Conn., assignors to General Electric Company. Electric switch. 2,201,882; May 21.
Bryant, Frank D., Stratford, and W. R. Young, Fairfield, Conn., assignors to General Electric Company. Lamp socket. 2,209,808; July 30.
Bryant, Frank L., executrix. (See Bryant, Roy B.)
Bryant Heater Company, The. (See Beam, Vilynn O., assignor.)
Bryant Heater Company, The. (See Branche, N. T., Ryden, and Schickler, assignors.)
Bryant Heater Company, The. (See Roberts, E. W., and Ferrall, assignors.)
Bryant, Jerrus M., Indianapolis, Ind., assignor to Shafer Bearing Corporation, Chicago, Ill. Antifriction bearing. 2,227,064; Dec. 31.
Bryant, John M. C., Hopkins, Minn. Railway tie and rail clamp. 2,209,188; July 23.
Bryant, Melvin, Bay City, assignor of one-third to G. J. Curry, Flint, Mich. Ambulatory splint. 2,189,053; Feb. 6.
Bryant, Pegram A. (See Sherrill, W. M., and Bryant.)
Bryant, Roy B., deceased, Dallas, Tex., Frank Leone Bryant, executrix. Valve. 2,219,736; Oct. 29.
Bryant, Thomas W., assignor to Union Hardware Company, Torrington, Conn. Ski pole. 2,215,240; Sept. 17.
Bryant, William J., Springfield, Vt. Gauge. 2,217,509; Oct. 8.
Bryce, Chalmers K., Cranford, and P. R. Aronson, Millburn, N. J., assignors to Oxweld Acetylene Company. Making blowpipe nozzles. 2,217,194; Oct. 8.
Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Sorting machine. 2,189,024; Feb. 6.
Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Data reproducing machine. 2,196,166; Apr. 2.
Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Counting device. 2,206,660; July 2.
Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Transmission system for statistical data. 2,213,559; Sept. 3.
Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Transmision system for statistical data. 2,213,560; Sept. 3.
Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Photographic statistical machine. 2,220,474; Nov. 5.
Bryce, James W., Bloomfield, N. J., assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,192,003; Feb. 27.
Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Record controlled accounting machines. 2,206,219; July 2.
Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Photographic recording machine. 2,211,847; Aug. 20.
Bryce, James W., Glen Ridge, N. J., and A. H. Dickinson, Bronxville, assignors to International Business Machines Corporation, New York, N. Y. Multiplying machine. 2,199,656; May 7.
Bryce, James W., Bloomfield, N. J., and A. H. Dickinson, assignors to International Business Machines Corporation, New York, N. Y. Convertible accounting machine. 2,217,196; Oct. 8.
Bryce, James W., Glen Ridge, N. J., and A. H. Dickinson, Bronxville, assignors to International Business Machines Corporation, New York, N. Y. Calculating machine. 2,219,737; Oct. 29.
Bryce, John A., assignor to International Ticket Company, Newark, N. J. Ticket book. 2,191,067; Feb. 20.
Bryce Limited. (See Seeley, Frank H., assignor.)
Bryda, Joseph M. (See Gladstone, A., Gilbert, and Bryda.)
Bryk, Ignatius E., West New York, N. J. Trouble light holder and switch. 2,221,295; Nov. 12.
Bryson, Tandy A., Troy, N. Y. Centrifugal mechanism. 2,199,847; May 7.
Bryson, Tandy A., Troy, N. Y. Centrifugal mechanism. 2,199,848; May 7.
Bryson, Tandy A., Troy, N. Y. Multiple drum centrifugal. 2,199,849; May 7.
Brzykcy, Antoni, Minneapolis, Minn. Animal trap. 2,216,529; Oct. 1.
Bubar, Hudson H., New York, N. Y. Dust separator. 2,221,073; Nov. 12.
Buben, Wladimir, North Woburn, Mass. Toy. 2,226,195; Dec. 24.
Buccicone, Dario, Gary, Ind. Thickness gauge. 2,219,621; Oct. 29.
Buccicone, Dario, Gary, Ind. Thickness gauge. 2,219,622; Oct. 29.
Buccicone, Dario, and C. M. Shank, Gary, Ind. Roll scraper. 2,191,366; Feb. 20.
Buch, Peter E., Passaic, and C. S. Knowlton, Springfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnetic switching device. 2,220,143; Nov. 5.
Buchanan, Aletha, Great Neck, assignor, by mesne assignments, to Trousarobe, Inc., New York, N. Y. Wearing apparel. 2,213,900; Sept. 3.
Buchanan, David L. (See Ragsdale, E. J. W., Clary, and Buchanan.)

Buchanan, George M., assignor to Mavor and Coulson, Limited, Glasgow, Scotland. Conveyer of the endless belt type. 2,212,006; Aug. 20.
Buchanan, George M., assignor to Mavor and Coulson, Limited, Glasgow, Scotland. Conveyer of the endless belt type. 2,222,019; Nov. 19.
Buchanan, George T., Winnsboro, S. C. Coagulant composition. 2,221,214; Nov. 12.
Buchanan, Hugh. (See Jandus, H. S., and Buchanan.)
Buchanan, Hugh, assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield. 2,226,894; Dec. 31.
Buchanan, Isaac W. P., Lebanon, Tenn. Brush. 2,220,391; Nov. 5.
Buchanan, James R., Manchester, England. Hot water bottle. 2,220,510; Nov. 5.
Buchanan, John C. (See Morley, H., and Buchanan.)
Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. Re. 21,401; Mar. 19.
Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerator control. 2,192,846; Mar. 5.
Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,192,847; Mar. 5.
Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,192,848; Mar. 5.
Buchanan, Stephen N., assignor to The Thomas & Betts Co., Elizabeth, N. J. Wire connector. 2,196,383; Apr. 9.
Buchanan, Stephen N., Westmoreland Hills, Md., assignor to The Thomas & Betts Co., Elizabeth, N. J. Wire connector. 2,204,979; June 18.
Buchanan, Verl C., Kansas City, Mo. Glare shield. 2,212,007; Aug. 20.
Buchanan, William B., and G. B. Tebo, Toronto, Ontario, Canada, assignors to General Cable Corporation, New York, N. Y. Torsional damper for line conductors. 2,215,541; Sept. 24.
Buchanan, William E., assignor to Appleton Wire Works, Inc., Appleton, Wis. Multiple strand selvage. 2,207,609; July 9.
Buchanan, William G. (See Krall, R. F., McEwan, and Buchanan.)
Buchard, George M., Dayton, Ohio. Tube tester. 2,198,242; Apr. 23.
Büche, Karl. (See Schwabe, K., and Büche.)
Buchel, Johannes A., and R. N. Jan Saal, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Refining mineral oils. 2,185,291; Jan. 2.
Buchele, Walter J. (See Rice, E. W., and Buchele.)
Buchen, Clement A., assignor to Eaton Metal Products Co., Denver, Colo. Concrete cart. 2,201,224; May 21.
Bucher, John W. (See Abbott, R. H., Dickson, and Bucher.)
Buchet, Conrad R., assignor of one-half to T. E. Herlihy, Los Angeles, Calif., and one-half to A. W. McDonald. Refrigeration apparatus. 2,199,779; May 7.
Buchet, Conrad R., assignor of one-half to T. E. Herlihy, Pasadena, Calif. Bearing seal. 2,215,686; Sept. 24.
Buchgraber, János, assignor to J. Rakonitz, Budapest, Hungary. Manufacture of sterilized catgut. 2,215,453; Sept. 24.
Buchheim, Kurt, Radebeul, near Dresden, and H. Pflugk, Berlin, assignors to Chemische Fabrik Von Heyden Aktiengesellschaft, Radebeul, near Dresden, Germany. Extraction of phenol from phenolic solutions. 2,209,872; July 30.
Buchholtz, George, Guttenberg, N. J. Filter bracket for light meters. 2,211,557; Aug. 13.
Buchholz, Erich. (See Brendel, H., and Buchholz.)
Buchi, Alfred, Winterthur, Switzerland. Internal combustion engine. 2,213,202; Sept. 3.
Buchman, Edwin R., Baltimore, Md. Halogenated organic compounds. 2,193,858; Mar. 19.
Buchman, Edwin R., Pasadena, Calif., assignor to Research Corporation, New York, N. Y. Thiazole compound and making it. 2,194,179; Mar. 19.
Buchman, Edwin R., Pasadena, Calif., assignor to Research Corporation, New York, N. Y. Halogenated derivatives of aceto propyl alcohol. 2,218,349; Oct. 15.
Buchman, Edwin R., Pasadena, Calif., assignor to Research Corporation, New York, N. Y. Halogenated derivatives of aceto propane. 2,218,350; Oct. 15.
Buchman, Edwin R., Pasadena, Calif., assignor to Research Corporation, New York, N. Y. Halogenated derivatives of acetopropane. 2,223,885; Dec. 3.
Buchman, Emil, Springfield, Mass. Candle holder. 2,213,203; Sept. 3.
Buchner, Cecil, Detroit, Mich., assignor, by mesne assignments, to Alma Motor Company, Dover, Del. Vehicle transmission. 2,195,479; Apr. 2.
Buchner, Cecil, Detroit, Mich., assignor, by mesne assignments, to Alma Motor Company, Dover, Del. Tandem drive unit. 2,195,480; Apr. 2.
Buchner, Morris, and M. Kapp, Bronx, N. Y. Doll eye mounting. 2,202,896; June 4.
Buchsbaum, Herbert, Chicago, Ill. Reversible buckle. 2,186,819; Jan. 9.
Buchsbaum, Herbert, Chicago, Ill. Belt buckle. 2,197,656; Apr. 16.
Buchsbaum, Herbert J., assignor to A. Stein & Company, Chicago, Ill. Belt buckle. 2,216,903; Oct. 8.
Buck, Benjamin L., Baltimore, Md. Transfer conveyer mechanism. 2,221,698; Nov. 12.
Buck, Benjamin L., Baltimore, Md. Bean slicer. 2,221,699; Nov. 12.
Buck, Lucien, Wyncote, and J. R. Thygeson, assignors to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Drier construction. 2,211,644; Aug. 13.
Buck, Luther J. (See Hershey, C. G., and Buck.)
Buck, Mortimer P. (See Bieber, C. G., and Buck.)
Buck, Ralph, De Graff, Ohio. Hog trough. 2,199,587; May 7.
Buck, Richard S., Glastonbury, assignor to United Aircraft Corporation, East Hartford, Conn. Heat exchanger. 2,225,856; Dec. 24.
Buck, Richard S., Wethersfield, and H. W. Gunberg, West Hartford, assignors to United Aircraft Corporation, East Hartford, Conn. Drain valve. 2,189,162; Feb. 6.
Buckborough, Morris W. (See Christensen, Leonard, assignor.)
Buckendale, Lawrence R. (See Koeppen, R. L., and Buckendale.)
Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Gear mounting. 2,189,100; Feb. 6.
Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Motor vehicle drive. 2,195,509; Apr. 2.
Buckeye Incubator Company, The. (See Gedge, Charles F., assignor.)
Buckeye Iron & Brass Works. (See Johnston, George W., assignor.)
Buckeye Steel Castings Company, The. (See Bower, Jerome G., assignor.)
Buckeye Steel Castings Company, The. (See Johnson, George T., assignor.)
Buckeye Steel Castings Company, The. (See McPherson, J. S., and Orr, assignors.)
Buckeye Steel Castings Company, The. (See Orr, Claude L., assignor.)
Buckeye Steel Castings Company, The. (See Stertzbach, H. W., and Moeller, assignors.)
Buckeye Steel Castings Company, The. (See Stertzbach, H. W., and Orr, assignors.)
Buckeye Steel Castings Company, The. (See Wolfe, Harry H., assignor.)
Buckeye Traction Ditcher Company, The. (See George, Charles L., assignor.)
Buckeye Traction Ditcher Company, The. (See Hollmann, H., Van Voorhis, and Crabiel, assignors.)
Buckeye Traction Ditcher Company, The. (See Miller, George E., assignor.)
Buckeye Traction Ditcher Company, The. (See Van Voorhis, W. G., and Crabiel, assignors.)
Buckham, Charles W., Scarsdale, N. Y. Camera. 2,202,138; May 28.
Buckham, Charles W., Scarsdale, N. Y. Camera. 2,211,714; Aug. 13.
Bücking, Fritz. (See Daimler, K., Platz, Bücking, and Rosenbach.)
Buckingham, William D., Southampton, assignor to The Western Union Telegraph Company, New York, N. Y. Balancing duplex circuit. 2,186,006; Jan. 9.
Buckingham, William D., Southampton, assignor to The Western Union Telegraph Company, New York, N. Y. Relay testing method and apparatus. 2,212,634; Aug. 27.
Buckius, Albert O., Cleveland Heights, assignor to National Malleable and Steel Casting Company, Cleveland, Ohio. Journal box lid. 2,207,047; July 9.
Buckius, Albert O., Cleveland Heights, Ohio, and T. E. Newberry, Northumberland, Pa., assignors to National Malleable and Steel Castings Company, Cleveland, Ohio. Journal box. 2,194,493; Mar. 26.
Bucklen-Bear Laboratories, Inc. (See Bear, Paul S., assignor.)
Buckley, Arthur H., assignor of one-half to J. F. Keeley, Chicago, Ill. Illuminated sign. 2,198,590; Apr. 30.
Buckley, Clyde D., Needham, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Separable frame for handbags or the like. 2,194,846; Mar. 26.
Buckley, Duer H., Warren, Ohio, assignor to Sanitary Service Inc., Dover, Del. Sludge removing device. 2,202,308; May 28.
Buckley, Duer H., Warren, Ohio, assignor to J. W. Swanson, Sharon, Pa. Septic tank. 2,213,458; Sept. 3.
Buckley, Harry R., and F. W. Schulte, Cumberland, Md., assignors to Celanese Corporation of America. Apparatus for stapilizing yarn. 2,196,975; Apr. 16.
Buckley, James, Providence, R. I. Container construction. 2,224,949; Dec. 17.
Buckley Music System, Inc. (See Henry, Earle G., assignor.)
Buckley, Stuart E., Houston, Tex., assignor to Standard Oil Development Company. Locating detectable cement in a borehole. 2,220,205; Nov. 5.
Buckley, Sydney, Philadelphia, Pa., assignor to Shepard Niles Crane & Hoist Corporation, Montour Falls, N. Y. Brake mechanism. 2,188,766; Jan. 30.

Buckley, Sydney, Philadelphia, Pa., assignor to Shepard Niles Crane & Hoist Corporation, Montour Falls, N. Y. Motor control and brake mechanism. 2,214,807; Sept. 17.
Buckley, Warren. (See Kolts, Tennies F., assignor.)
Bucknam, James H. (See Jones, H. W., and Bucknam.)
Bucknam, James H. (See Jones, H. W., Bucknam, and Doyle.)
Bucknam, James H. (See Jones, H. W., Bucknam, and Jacobsson.)
Bucknam, James H., Cranford, N. J., assignor to The Linde Air Products Company. Metal surfacing apparatus. 2,186,096; Jan. 9.
Bucknam, James H., Cranford, N. J., assignor to The Linde Air Products Company. Apparatus for removing surface metal from metallic bodies. 2,203,211; June 4.
Bucknam, James H., Cranford, N. J., assignor to Oxweld Acetylene Company. Deseaming and desurfacing process. 2,215,577; Sept. 24.
Bucknam, James H., and A. J. Miller, Cranford, N. J., assignors to The Linde Air Products Company. Billet conditioning method. 2,189,753; Feb. 13.
Bucknam, James H., Cranford, A. J. Miller, Garwood, and A. M. Keller, Livingston, N. J., assignors to The Linde Air Products Company. Apparatus for conditioning the surfaces of metal bodies. 2,200,259; May 14.
Bucknam, James H., Cranford, and L. W. Young, Scotch Plains, N. J., assignors to The Linde Air Products Company. Control system for hardening and similar operations. 2,215,576; Sept. 24.
Bucknam, James H., Cranford, and H. W. Jones, Westfield, N. J., assignors to The Linde Air Produts Company. Apparatus for conditioning or desurfacing metal. 2,223,402; Dec. 3.
Buckner, Arthur W., Houston, Tex. Cable clamp. 2,185,723; Jan. 2.
Buckner, Orello S., Northboro, and D. B. Wilson, assignors to Bay State Abrasive Products Company, Westboro, Mass. Making abrasive wheels. 2,187,583; Jan. 16.
Buckner, William A., Fresno, Calif. Intermittent rotation sprinkler. 2,214,990; Sept. 17.
Buckwalter, Tracy V., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Piston rod testing apparatus. 2,188,853; Jan. 30.
Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injection pump. 2,192,372; Mar. 5.
Buckwalter, Tracy V., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Locomotive. 2,198,571; Apr. 23.
Bucky, Gustav, assignor, by mesne assignments, to Consolidated Research Corporation, New York, N. Y. Field determinator and exposure indicator. 2,212,854; Aug. 27.
Bucy, Edmond H., Stamford, Conn., assignor to Atlas Powder Company, Wilmington, Del. Textile printing lacquer. 2,188,073; Jan. 23.
Bucyrus-Erie Company. (See Anderson, G. Y., Jr., Davidson, and Lonngren, assignors.)
Bucyrus-Erie Company. (See Bager, W. M., Fykse, and Mork, assignors.)
Bucyrus-Erie Company. (See Knox, Samuel L. G., assignor.)
Bucyrus-Erie Company. (See Knox, S. L. G., and Blackwell, assignors.)
Bucyrus-Erie Company. (See Lehman, W., and Stiehl, assignors.)
Bucyrus-Erie Company. (See Paulsen, Thomas R., assignor.)
Bucyrus-Erie Company. (See Stiehl, Carl E., assignor.)
Bucyrus-Monighan Company. (See Carlson, G. A., and Tunison, assignors.)
Bucyrus-Monighan Company. (See Martinson, Oscar J., assignor.)
Buda Company, The. (See Viles, L. M., and Brown, assignors.)
Budd, Anthony G., and H. Barton, West Moors, Dorsetshire, assignors to Comb Pluckers Limited, Hampshire, England. Carrying out plucking operations. 2,220,811; Nov. 5.
Budd, Edward G., Manufacturing Co. (See Berryman, Harry H., assignor.)
Budd, Edward G., Manufacturing Company. (See Clary, Joseph F., assignor.)
Budd, Edward G., Manufacturing Company. (See Contini, R., and Dieter, assignors.)
Budd, Edward G., Manufacturing Company. (See Dean, Albert G., assignor.)
Budd, Edward G., Manufacturing Company. (See Dean, Walter B., assignor.)
Budd, Edward G., Manufacturing Company. (See Deisley, E. J., and Ruehlmann, assignors.)
Budd, Edward G., Manufacturing Company. (See Eskergian, Carolus L., assignor.)
Budd, Edward G., Manufacturing Company. (See Farr, William W., assignor.)
Budd, Edward G., Manufacturing Company. (See Geary, Frederick L., assignor.)
Budd, Edward G., Manufacturing Company. (See Horton, R. H., and Eksergian, assignors.)
Budd, Edward G., Manufacturing Company. (See Jacob, Ellis L., assignor.)
Budd, Edward G., Manufacturing Company. (See Ledwinka, Joseph, assignor.)
Budd, Edward G., Manufacturing Company. (See Ledwinka, J., and Kelly, assignors.)
Budd, Edward G., Manufacturing Co. (See Leiter, R. W. E., and Winlock, assignors.)
Budd, Edward G., Manufacturing Company. (See Mayer, William J., assignor.)
Budd, Edward G., Manufacturing Company. (See Mungen, Theodore, assignor.)
Budd, Edward G., Manufacturing Company. (See Ragsdale, Earl J. W., assignor.)
Budd, Edward G., Manufacturing Company. (See Ragsdale, E. J. W., Clary, and Buchanan, assignors.)
Budd, Edward G., Manufacturing Company. (See Ragsdale, E. J. W., and Dean, assignors.)
Budd, Edward G., Manufacturing Company. (See Scull, Chester, assignor.)
Budd, Edward G., Manufacturing Company. (See Seisley, Edward J., assignor.)
Budd, Edward G., Manufacturing Company. (See Sheppard, William L., assignor.)
Budd, Edward G., Manufacturing Company. (See Whitesell, John C., Jr., assignor.)
Budd, Fred, Wichita, Kans. Pressure gauge signal for pneumatic tires. 2,206,158; July 2.
Budd, George H., Salt Lake City, Utah. Treatment tent support. 2,210,060; Aug. 6.
Budd, Leighton, Brooklyn, N. Y. Device for depicting characters. 2,222,757; Nov. 26.
Budd Wheel Company. (See Eksergian, Carolus L., assignor.)
Buddenbrock, Charles V., Trinidad, Colo. Fishing pole. 2,187,849; Jan. 23.
Budie, Erich. (See Nehmiz, G., and Budie.)
Budlong, Simeon, Chicago, Ill., assignor to Centrimatic Transmission Co. Power transmission mechanism. 2,208,153; July 16.
Budwig, Gilbert G., assignor to Budwig Manufacturing Company, Burbank, Calif. Making pressure regulating devices. 2,196,519; Apr. 9.
Budwig Manufacturing Company. (See Budwig, Gilbert G., assignor.)
Budzien, Hugo F., Peoria, assignor to Fairbanks, Morse & Co., Chicago, Ill. Air- start means for internal combustion engines. 2,189,163; Feb. 6.
Budzinski, Josef. (See Naysmith, A. M., Drew, and Budzinski.)
Buechler, John R., et al. (See Camp, Fred A., assignor.)
Buechmann, Frederick, St. Albans, N. Y. Recording instrument. 2,203,667; June 11.
Buehler, Edward A., Troy Township, Oakland County, Mich., assignor of one-tenth to McConnell-Petermann Co., Inc. Toy submarine. 2,214,270; Sept. 10.
Buehner, William F. A., New York, N. Y. Automobile license plate lock. 2,201,519; May 21.
Buehner, William F. A., New York, N. Y. Automobile license plate lock. 2,204,790; June 18.
Buehring, William J. (See Cook, W. L., and Buehring.)
Buell, Leslie A., Holly, Mich. Seal. 2,200,149; May 7.
Buell, Leslie A., Holly, Mich. Seal. 2,212,434; Aug. 20.
Buell, Roy C., Niskayuna, N. Y., assignor to General Electric Company. Electric protective system. 2,207,577; July 9.
Buelna, Guadalupe, Santa Barbara, Calif., assignor to L. R. Nelson Mfg. Co., Inc., Peoria, Ill. Sprinkler. 2,212,008; Aug. 20.
Buelna, Guadalupe, Santa Barbara, Calif., assignor to L. R. Nelson Mfg. Co., Inc., Peoria, Ill. Sprinkler. 2,212.009; Aug. 20.
Buelow, Henry W., Detroit, Mich. Building frame structure. 2,204,566; June 18.
Buenger, Edward F., Oak Park, assignor to Wilson-Jones Company, Chicago, Ill. Loose-leaf binder. 2,218,307; Oct. 15.
Buenger, Theodore H. (See Hein, G. G., Statz, and Buenger.)
Buening, Charles R., assignor to Globe-Union Inc., Milwaukee, Wis. Spark plug. 2,221,537; Nov. 12.
Buerk, Charles A. (See Pietzsch, Albert, assignor.)
Buerosse, Alfred E. (See Buerosse, George J. and A. E.)
Buerosse, George J., et al. (See Buerosse, George J. and A. E., assignors.)
Buerosse, George J., Beaver Dam, and A. E. Buerosse, Wauwatosa, Wis., assignors of three-fourths to said G. J. Buerosse and one-fourth to said A. E. Buerosse. Brush holder. 2,205,464; June 25.
Buescher Band Instrument Company. (See Comer, Floyd E., assignor.)
Buetefisch, Heinrich, K. Winkler, H. Kaufmann, and R. Bemmann, Leuna, Germany, assignors to Standard-I. G. Company, Linden, N. J. Production of valuable liquid products from pressure extracts of solid carbonaceous material. 2,215,869; Sept. 24.
Buettner, Raymond J. (See Pietras, John A., assignor.)
Buff, Martha E., New York, N. Y. Preparation for removing hair from the body. 2,202,829; June 4.
Buffa, Ferdinand J., Brooklyn, N. Y. Brake. 2,191,954; Feb. 27.
Buffalo Bolt Company. (See McLaughlin, John J., assignor.)
Buffalo Brake Beam Company. (See Busch, Charles R., assignor.)
Buffalo-Electro-Chemical Company. (See Adolph, G., and Bretschger, assignors.)

Buffalo Electro-Chemical Company. (See Bretschger, M. E., Kauffmann, and Gilbert, assignors.)
Buffalo Electro-Chemical Company. (See Kauffmann, Hans O., assignor.)
Buffalo Electro-Chemical Company. (See Kauffmann, H. O., and Smolens, assignors.)
Buffalo Forge Company. (See Stone, Stanley H., assignor.)
Buffalo Forge Company. (See Tucker, William C., assignor.)
Buffalo Foundry & Machine Co. (See Lavett, Charles O., assignor.)
Buffalo Jewelry Case Co., Inc. (See Sundee, John R., assignor.)
Buffalo Meter Company. (See Bassett, George B., assignor.)
Buffalo Pressed Steel Company. (See Hector, L. G., and Schultz, assignors.)
Buffalo Pressed Steel Company. (See MacKenzie, R. J., and Haas, assignors.)
Buffalo Pressed Steel Company. (See MacKenzie, R. J., Haas, and Starkweather, assignors.)
Buffalo-Springfield Roller Co., The. (See Greiner, Carl F., assignor.)
Buffington, George A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread extractor for looms. 2,219,759; Oct. 29.
Buffington, George A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread extractor for looms. 2,219,760; Oct. 29.
Buffington, Harry C., assignor to Baker Manufacturing Co., Springfield, Ill. Double acting valve. 2,215,115; Sept. 17.
Buffington, Ralph M., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Air treatment. 2,197,203; Apr. 16.
Buffington, Ralph M., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Liquid fuel burner. 2,209,442; July 30.
Buffington, Ralph M., and G. K. Ashby, Evansville, Ind., assignors to Servel, Inc., New York, N. Y. Apparatus for measuring humidity. 2,189,855; Feb. 13.
Buffington, Roy L., Marietta, Ohio. Carbon solvent and lubricant. 2,188,645; Jan. 30.
Buffington, Roy L., and P. H. Elliott, assignors to Carsolac Corporation, Marietta, Ohio. Carbon solvent and lubricant. 2,206,025; July 2.
Buford, Manville T., assignor to Continental Oil Company, Ponca City, Okla. Manufacturing grease. 2,189,661; Feb. 6.
Buford, William J., Houston, Tex. Highway gate. 2,189,974; Feb. 13.
Buford, William J., Houston, Tex. Highway gate. 2,219,127; Oct. 22.
Bufton, Hubert G., Vancouver, British Columbia, Canada. Wreath base. 2,200,948; May 14.
Bugatti, Ettore, Molsheim, Bas-Rhin, France. Vehicle. 2,190,397; Feb. 13.
Bugatti, Ettore, Molsheim, Bas-Rhin, France. Reel for fishing. 2,190,398; Feb. 13.
Bugatti, Ettore, Molsheim, France. Coupling apparatus for vehicles. 2,202,753; May 28.
Bugatti, Ettore, Molsheim, France. Vehicle, and especially automotive railroad vehicles. 2,205,030; June 18.
Bugden, Henry H., London, England. Continuously variable gearing. 2,205,031; June 18.
Bugenhagen, George H., Minot, N. Dak. Floor anchor. 2,101,714; May 21.
Bugg, Kenly C., assignor of twenty-five per cent to R. J. Jauch, Fort Wayne, Ind., and twelve and one-half per cent to H. Somervell, Evanston, Ill. Lock. Re. 21,320; Jan. 16.
Bugg, Kenly C., Farmington, Mo., assignor to Neptune Meter Company. Counting mechanism. 2,189,392; Feb. 6.
Bugg, Kenly C., Farmington, Mo. Lock. 2,189,880; Feb. 13.
Bugg, Kenly C., Farmington, Mo., assignor to Neptune Meter Company. Counting mechanism. 2,191,877; Feb. 27.
Buggie, H. H., & Company. (Cook, Everett J., assignor.)
Buhler Brothers. (See Giezendanner, Emil, assignor.)
Bühler, Gebrüder. (See Giezendanner, Emil, assignor.)
Bühler, Gebrüder. (See Hummel, Charles, assignor.)
Buhler, John W., Los Angeles, Calif. Ashtray. 2,194,519; Mar. 26.
Buhr, Fred. (See Buhr, Harry H., assignor.)
Buhr, Harry H., assignor of one-half to F. Buhr, Sumner, Iowa. Cultivator disk gang operator. Re. 21,601; Oct. 22.
Buhrendorf, Frederick G., Hastings-on-Hudson, N. Y., assignor to Bell Telephone Laboratories, Incorporated. Magnetic telegraphone. 2,202,139 May 28.
Buicke, Harold C., North Tonawanda, N. Y. Fishhook holder. 2,190,647; Feb. 20.
Builders Iron Foundry. (See Huxford, George T., assignor.)
Builders Iron Foundry. (See Smith, Ed S., Jr., assignor.)
Bukacek, Anton, Fremont, Nebr. Hammer for mills. 2,208,892; July 23.
Bukolt, Roman B., Stevens Point, Wis. Preserving jar cap and indicator. 2,194,004; Mar. 19.
Bukolt, Roman B., Stevens Point, Wis. Child's bed. 2,206,248; July 2.
Bukovy, John, Akron, Ohio. Adjustable pattern. 2,186,325; Jan. 9.
Bulat, Luban, Cleveland, Ohio. Automobile hood lock. 2,218,257; Oct. 15.
Bulekian, John, et al. (See Kennedy, John F., assignor.)
Bulford, Murray N., Clearwater, S. C., assignor to United Merchants & Manufacturers, Inc., New York, N. Y. Textile printing machines. Re. 21,568; Sept. 17.
Bulk, Jan, Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Tensioning device for cord drive. 2,212,823; Aug. 27.
Bulkeley, Claude A., assignor to Niagara Blower Company, New York, N. Y. Air conditioning apparatus. 2,207,714; July 16.
Bull, Anders, Forest Hills, N. Y. Tunnel construction. 2,197,374; Apr. 16.
Bull, Cabot S., Hillingdon, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electron discharge valve. 2,190,697; Feb. 20.
Bull, Cabot S., Hillingdon, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Thermionic valve. 2,198,330; Apr. 23.
Bull, Cabot S., Hillingdon, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Cathode ray tube. 2,223,908; Dec. 3.
Bull, Cabot S., Uxbridge, Middlesex, assignor to Electric & Musical Industries Limited, Middlesex, England. Automatic gain control circuits. 2,214,608; Sept. 10.
Bull, Cabot S., Uxbridge, and J. E. Keyston, Hillingdon, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electron discharge device. 2,193,959; Mar. 19.
Bull, George G., Kings Heath, Birmingham, England. Apparatus for playing an indoor game. 2,211,297; Aug. 13.
Bullard Company, The. (See Lundberg, N. S., and De Vlieg, assignors.)
Bullard, E. D., Company. (See Bullard, Edward W., assignor.)
Bullard, E. D., Company. (See Fricke, William J., assignor.)
Bullard, E. D., Company. (See Wisman, Lauren O., assignor.)
Bullard, Earl J., Altadena, Calif. Grinding and lapping machine. 2,209,071; July 23.
Bullard, Edward W., assignor to E. D. Bullard Company, San Francisco, Calif. Mask. 2,199,690; May 7.
Bullard, Edwin F. (See Evans, T. W., and Bullard.)
Bullard, Frank L., assignor to S. Wojnowski, Highland Park, Mich. Oil paint. 2,207,429; July 9.
Bullard, Harold C., Nashua, N. H. Drawer case and the like. 2,220,206; Nov. 5.
Bullard, William R., Port Washington, N. Y., assignor to P & B Electric Co., Wakefield, Mass. Network protector relay. 2,196,138; Apr. 2.
Bullis, Earl, Amsterdam, N. Y., and M. Stechler, Chicago, Ill. Striking bag stand and attachment. 2,186,403; Jan. 9.
Bullitt, James B., Jr. (See Allen, E. R., Bullitt, and Hopkins.)
Bullock, David M., Urbana, Ill., assignor to Rawlings Manufacturing Company, St. Louis, Mo. Knee brace. 2,195,024; Mar. 26.
Bullock, Earl C., assignor to Metal Office Furniture Company, Grand Rapids, Mich. Rimmed structure. 2,187,263; Jan. 16.
Bullock, Frederick A., Attleboro, Mass., assignor to Dolan & Bullock Co., Providence, R. I. Self-retaining cuff link. 2,186,955; Jan. 16.
Bullock, Giles E., Rochester, N. Y. Funnel head with closure member for sprayer tanks. 2,196,054; Apr. 2.
Bullock, Giles E., Rochester, N. Y. Velocipede construction. 2,202,479; May 28.
Bullock, Giles E., Rochester, N. Y. Making pressure tanks. 2,210,277; Aug. 6.
Bullock, Giles E., Rochester, N. Y. Pedal construction. 2,226,424; Dec. 24.
Bullock, Harry L., New York, N. Y. Electrostatic separator. 2,225,096; Dec. 17.
Bullock, John W., Miami, Fla. Parking regulator. 2,214,829; Sept. 10.
Bullock, John W., Miami, and C. W. Clementz, Jacksonville, Fla., assignors, by mesne assignments, to said J. W. Bullock. Parking meter. 2,199,330; Apr. 30.
Bullock, W. J., Inc. (See Bullock, William J., assignor.)
Bullock, W. J., Inc. (See Hawk, Edgar A., assignor.)
Bullock, William J., Birmingham, Ala., assignor to W. J. Bullock, Inc. Shot machine. 2,224,424; Dec. 10.
Bullock, William J., Birmingham, Ala., assignor to W. J. Bullock, Inc. Recovery of plating metal from scruff. 2,224,425; Dec. 10.
Bulova, Ardé, Bienne, Switzerland. Watch movement. 2,192,169; Mar. 5.
Bultman, Frederick H., Cleveland, Ohio. Two-speed bicycle. 2,187,643; Jan. 16.
Bump, Albert H., Watertown, assignor to New England Alcohol Company, Everett, Mass. Purification of alcohol. 2,188,274; Jan. 23.
Bumpas, Ollie V., Memphis, Tenn. Interlocking shingle. 2,195,847; Apr. 2.
Bumpous, Earle T., assignor to General Shoe Corporation, Nashville, Tenn. Shoe. 2,216,226; Oct. 1.
Bumstead, Ralph W., Westfield, N. J. Telemetering and tabulating timer. 2,207,715; July 16.

Bumstead, Ralph W., Westfield, N. J. Multiplex television system. 2,207,716; July 16.
Bunch, Ray, Los Angeles, Calif. Pump assembly. 2,188,646; Jan. 30.
Bunch, Ray, Los Angeles, Calif. Dispensing package. 2,199,657; May 7.
Bundscho, J. M., Inc. (See Knight, Herbert A., assignor.)
Bundy, Albert J., Jeannette, assignor to American Window Glass Company, Pittsburgh, Pa. Manufacture of sheet glass. 2,201,286; May 21.
Bundy, George M., Whitestone, N. Y., and E. Brand, assignors to H. & A. Selmer, Inc., Elkhart, Ind. Ligature for reed instruments. 2,200,054; May 7.
Bundy Tubing Company. (See Hobrock, Raymond H., assignor.)
Bundy Tubing Company. (See Quarnstrom, Bert L., assignor.)
Bundy Tubing Company. (See Wallace, Arthur M., assignor.)
Bundy, William S., Redlands, Calif. Posture corrector and exerciser. 2,219.948; Oct. 29.
Bungartz, Paul, assignor to the firm A. W. Mackensen, Magdeburg, Germany, and himself. Centrifugal pump with axial movement of the shaft. 2,209,109; July 23.
Bungay, George W., New York, N. Y. Method of and apparatus for making electrotypes. 2,200,536; May 14.
Bungay, George W., assignor to Electrographic Corporation, New York, N. Y. Preparation of type for superimposed printing. 2,199,614; May 7.
Bünger, Walter, and E. Kosche, Berlin-Zehlendorf, assignor to Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Telecine system. 2,218,498; Oct. 15.
Bunker Hill & Sullivan Mining & Concentrating Company. (See Lee, H. E., and Muir, assignors.)
Bunker, Royce S., Baltimore, Md., assignor to The Linen Thread Co., Inc., New York, N. Y. Tennis net. 2,225,494; Dec. 17.
Bunnell, Albert E., St. Albans, assignor to Modern Office Devices, Inc., New York, N. Y. Paper file and binder. 2,221,631; Nov. 12.
Bunnell, Earl C., Stratford, assignor to The Baird Machine Company, Bridgeport, Conn. Control mechanism. 2,186,448; Jan. 9.
Bunsen, William F. (See Seltenreich, B. S., and Bunsen.)
Buntin, Fred A., Clarendon, Tex. Handling device for invalid cots. 2,203,045; June 4.
Bunting, Albert L. (See Blake, K. R., and Bunting.)
Bunting Glider Company. (See Goldberg, Aaron S., assignor.)
Bunto, Ralph F., assignor to Shakespeare Products Company, Kalamazoo, Mich. Temporary binder or loose sheet holder. 2,210,022; Aug. 6.
Buntyn, Ollie E., Decatur, Miss. Automatic tripper for oil engines. 2,196,955; Apr. 9.
Bunyan, Albert C. (See Witwer, W. J., and Bunyan.)
Bünzli, Karl, Thalwil, Switzerland, assignor to Vereinigte Faerbereien und Appretur Aktien Gesellschaft. Device for the lateral stretching of webs of textile material. 2,205,371; June 18.
Buono, Joseph, Brooklyn, assignor to Geo. V. Clark Co., Inc., Long Island City, N. Y. Closure for containers. 2,186,518; Jan. 9.
Buono, Joseph, Brooklyn, assignor to Geo. V. Clark Co., Inc., Long Island City, N. Y. Manufacture of closures for containers. 2,186,519; Jan. 9.
Burat, Herbert, and H. R. Eggers, Berlin, Germany, assignors to General Electric Company. Temperature responsive apparatus. 2,206,715; July 2.
Burba, Thomas A., Jr. (See Murphy, J. M., and Burba.)
Burbank, Wendell T., Three Rivers, Mich., assignor to Fairbanks, Morse & Co., Chicago, Ill. Air cooling means. 2,217,002; Oct. 8.
Burbridge, Leonard. (See Hill, H. E., and Burbridge.)
Burby, James D., White Plains, assignor to Anaconda Wire & Cable Company, New York, N. Y. Method of and apparatus for applying metal sheathing to insulated conductors. 2,185,429; Jan. 2.
Burby, James D., Hastings on Hudson, assignor to Anaconda Wire & Cable Company, New York, N. Y. Method and apparatus for handling molten metal. 2,194,453; Mar. 19.
Burby, Philip E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Fastening-supplying mechanism. 2,212,584; Aug. 27.
Burch, Charles, Ashland, Wis., deceased; J. A. Burch, administratrix. Soot burner. 2,208,893; July 23.
Burch, Donald D., Tulsa, Okla. Process and apparatus for treating liquids. 2,203,718; June 11.
Burch, Frederick W., Pueblo, Colo. Stair climbing hand truck. 2,192,396; Mar. 5.
Burch, Julia A., administratrix. (See Burch, Charles, assignor.)
Burch, Leo, Zurich, Switzerland. Device for maintaining the bend of the tips of ski. 2,191,641; Feb. 27.
Burch, Warren, West Palm Beach, Fla. Clipper blade. 2,200,150; May 7.
Burcham, Walter E., and G. R. Hall, Elkin, N. C. Shuttle for looms. 2,198,024; Apr. 23.
Burchell, Ernest W., assignor to Midway Chemical Co., Chicago, Ill. Collapsible mop. 2,192,861; Mar. 5.
Burchfiel, Bruner M. (See Brown, D., Peebles, and Burchfiel.)
Burckes, Richard, Sudbury, Mass. Lawn mower. 2,220,705; Nov. 5.
Burckhalter, Robert N., assignor to Michiana Products Corporation, Michigan City, Ind. Oil filter. 2,203,668; June 11.
Burcky, Charles W., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,189,541; Feb. 6.
Burcky, Charles W., assignor to Teletype Corporation, Chicago, Ill. Keyboard perforator. 2,190,309; Feb. 13.
Burcky, Charles W., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,216,337; Oct. 1.
Burcky, Charles W., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,220,364; Nov. 5.
Burcky, Charles W., assignor to Teletype Corporation, Chicago, Ill. Record projector. 2,220,885; Nov. 12.
Burd, Gorman C., Adrian, Mich., assignor to American Chain & Cable Company, Inc., New York, N. Y. Process of and means for applying elastic sleeves on conduits and the like. 2,218,904; Oct. 22.
Burd, Martin M. (See Burd, Samuel I. and M. M.)
Burd Piston Ring Company. (See Grossman, Daniel R., assignor.)
Burd, Samuel I. and M. M., Philadelphia, Pa. Stocking. 2,208,300; July 16.
Burden, Henry J., Oakville, assignor to Nelles Investments, Limited, Toronto, Ontario, Canada. Automatically humidified and ventilated refrigerator. 2,188,526; Jan. 30.
Burdett, Horace H., Milford, assignor to Draper Corporation, Hopedale, Mass. Shuttle. 2,200,213; May 7.
Burdett, Horace H., Milford, assignor to Draper Corporation, Hopedale, Mass. Thread tensioning device. 2,224,097; Dec. 3.
Burdett, Horace H., Milford, assignor to Draper Corporation, Hopedale, Mass. Cloth roll drive. 2,226,090; Dec. 24.
Burdett, Roy E. (See Moore, J. H., Jewett, and Burdett.)
Burdick Corporation, The. (See Maxson, Rolland H., assignor.)
Burdick, Earl F., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Material and method for removing coatings of nickel or the like from a metal base. 2,200,486; May 14.
Burdick, Edwin C. (See Moore, C. B., and Burdick.)
Burdick, Edwin C., Philadelphia, C. B. Moore, Carroll Park, and J. Sharp, assignors to The Brown Instrument Company, Philadelphia, Pa. Pen for recorders. 2,217,657; Oct. 15.
Burdick, Emory F., Detroit, Mich. Divider structure. 2,214,042; Sept. 10.
Burdick, Harry J. M., Anaheim, Calif. Fire hydrant. 2,200,770; May 14.
Burdick, Harry J. M., Anaheim, Calif. Valve. 2,219,761; Oct. 29.
Burdick, John S., North Muskegon, Mich., and C. S. Fairbank, Madison, N. J., assignors to The Shaw-Walker Company, Muskegon, Mich. Typewriter desk. 2,219,762; Oct. 29.
Burdick, John S., North Muskegon, Mich., and C. S. Fairbank, Madison, N. J., assignors to The Shaw-Walker Company, Muskegon, Mich. Typewriter desk for use with dictaphone transcribing devices. 2,220,475; Nov. 5.
Burdsal, Charles S., Cave Creek, Ariz. Fluid meter. 2,217,668; Oct. 15.
Bureau, Arthur A., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Reel. 2,210,878; Aug. 13.
Bureau, Arthur A., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Lagging for reels. 2,213,833; Sept. 3.
Burford, James C., Winston-Salem, N. C. Lubricant atomizer and heater for force feed lubricators. 2,203,046; June 4.
Burford, Robert K., Gary, Ind. Method and apparatus for testing steel strip thickness. 2,222,221; Nov. 19.
Burgard, Clifford J., St. Louis, Mo. Soap dish. 2,206,159; July 2.
Burger, Edward. (See Briefer, C. J., and Burger.)
Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Brake. 2,192,004; Feb. 27.
Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Wheel. 2,193,960; Mar. 19.
Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Wheel. 2,197,608; Apr. 16.
Burger, Joseph, New York, N. Y. Built-up shoe. 2,194,637; Mar. 26.
Burger, Joseph, New York, N. Y. Adjustable height increasing shoe. 2,212,414; Aug. 20.
Burgess, Abner E., Camden, assignor to Bahan Textile Machinery Company, Greenville, S. C. Back box plate for battery looms. 2,225,609; Dec. 24.
Burgess Battery Company. (See Burgess, Charles F., assignor.)
Burgess Battery Company. (See Chipley, Alfred S., assignor.)
Burgess Battery Company. (See Hoyle, Robert L., assignor.)
Burgess Battery Company. (See Leadbetter, Ralph L., assignor.)

Burgess Battery Company. (See Porth, Henry W., assignor.)
Burgess Cellulose Company. (See Schorger, A. W., and Ferguson, assignors.)
Burgess, Charles F., Bokeelia, Fla., assignor, by mesne assignments, to Burgess Battery Company, Chicago, Ill. Battery. 2,185,829; Jan. 2.
Burgess, Charles F., Bokeelia, Fla., assignor, by mesne assignments, to Burgess Battery Company, Chicago, Ill. Sound absorbing construction. 2,219,440; Oct. 29.
Burgess, Ernest A., Los Angeles, Calif. Water motor. 2,203,813; June 11.
Burgess, James Q., Hartford, Conn. Locking device. 2,222,399; Nov. 19.
Burgess, Morel D., Lambert, Mont. Flashlight. 2,198,525; Apr. 23.
Burgess, Richard. (See Wallace, C. R., and Burgess.)
Burgess, Richard H., San Antonio, Tex. Deicing mechanism. 2,201,155; May 21.
Burgess, Richard H., San Antonio, Tex. De-icing mechanism. 2,214,919; Sept. 17.
Burgess, Robert O., Washington, D. C., assignor to Keuffel & Esser Company, Hoboken, N. J. Attachment for lettering scribers. 2,213,120; Aug. 27.
Burgess, William S., Wiscasset, Maine, assignor to Aluminum Company of America, Pittsburgh, Pa. High speed displacement type hull. 2,185,430; Jan. 2.
Burgess, William S., Wiscasset, Maine, assignor to Aluminum Company of America, Pittsburgh, Pa. High speed displacement type hull. 2,185,431: Jan. 2.
Burgett, Lynn S., Euclid, assignor to The Clark Controller Company, Cleveland, Ohio. Connector for the liquid cooling and electric systems of welding apparatus. 2,220,990; Nov. 12.
Burghauser, Franz, Nuremberg, Germany. Pump or motor. 2,188,702; Jan. 30.
Burgholz, Rudolf, Herten, Westphalia, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Superheterodyne receiver. 2,203,487; June 4.
Bürgin, Eugen, assignor to Max Brunner & Co., Schaffhausen, Switzerland. Decaffeinating coffee. 2,198,859; Apr. 30.
Burgin, George A., Mount Vernon, Ill. Fishing tackle. 2,224,471; Dec. 10.
Burgin, James. (See Groll, H. P. A. and Burgin.)
Burian, Henry, Smithtown Branch, assignor of one-half to M. Fuhringer, Richmond Hill, Long Island, N. Y. Sadiron lifting means. 2,224,896; Dec. 17.
Burish, Peter J., Milton, Oreg. Tensioning band saws. 2,209,674; July 30.
Burk, Robert E., Cleveland, Ohio. Shield for radiators. 2,206,220; July 2.
Burk, Robert E., assignor to The Standard Oil Company (Ohio), Cleveland, Ohio. Hydrocarbon synthesis. 2,197,257; Apr. 16.
Burk, Robert E., assignor to The Standard Oil Company, Cleveland, Ohio. Apparatus for selective coating of articles. 2,197,742; Apr. 16.
Burk, Robert E., assignor to The Standard Oil Company, Cleveland, Ohio. Lubricant preparation. 2,201,607; May 21.
Burk, Robert E., assignor to The Standard Oil Company, Cleveland, Ohio. Treatment of sulphur-containing distillates. 2,201,883; May 21.
Burk, Robert E., assignor to The Standard Oil Company, Cleveland, Ohio. Catalyst regeneration. 2,226,548; Dec. 31.
Burk, Robert E., and H. P. Lankelma, assignors to The Standard Oil Company, Cleveland, Ohio. Production of alcohols from olefins. 2,196,177; Apr. 9.
Burk, Robert E., and C. H. Whitacre, assignors to The Standard Oil Company, Cleveland, Ohio. Manufacture of improved asphalt. 2,200,914; May 14.
Burk, Robert E., and H. P. Lankelma, assignors to The Standard Oil Company, Cleveland, Ohio. Color stabilization of petroleum distillates. 2,207,430; July 9.
Burk, Robert E., and E. C. Hughes, assignors to The Standard Oil Company, Cleveland, Ohio. Dewaxing oils. 2,225,546; Dec. 17.
Burka, Samuel M., Dayton, Ohio, and C. J. Crane, Montgomery, Ala. Sextant. 2,220,884; Nov. 12.
Burkardt, Anton, New York, N. Y. Decorticating machine. 2,222,793; Nov. 26.
Burkart, Frederick J., assignor to Ditto, Incorporated, Chicago, Ill. Master sheet assembly. 2,216,585; Oct. 1.
Burkart, Rudolph G., Hillside, assignor to A. Wilson, North Plainfield, N. J. Vaporizer. 2,215,387; Sept. 17.
Burke, Alberta H. (See de Finetti, Giuseppe, assignor.)
Burke, Alfred, New York, N. Y. Lamp shade and cover for lamp shade frames. 2,224,950; Dec. 17.
Burke, Edmund P. (See Miller, Edwin W., assignor.)
Burke, Ethelyn M., Fond du Lac, Wis. Latch and lock mechanism for lockers, etc. 2,188,703; Jan. 30.
Burke & James, Inc. (See Worlatschek, John, assignor.)
Burke, James P. (See Clements, James H., assignor.)
Burke, James P., Knoxville, Tenn. Spring. 2,217,941; Oct. 15.
Burke, James P., Knoxville, Tenn., assignor of one-half to F. L. McLaughlin, Detroit, Mich. Fuel injection head. 2,199,739; May 7.
Burke, James P., assignor to B. L. Quarnstrom and F. L. McLaughlin, Detroit, Mich. Nut and forming same. 2,206,740; July 2.
Burke, Lawrence J., Chicago, Ill. Oil change reminder unit. 2,213,666; Sept. 3.
Burke, Paul, South Glens Falls, and J. E. Blosser, Glens Falls, N. Y., assignors to International Tissue Corp. Wrapping machine. 2,224,098; Dec. 3.
Burke, Ralph J. (See Crilly, W. P., and Burke.)
Burke, Richard J., Altadena, Calif. Pneumatically supported miniature aircraft. 2,198,509; Apr. 23.
Burke, Thomas F. (See Anderson, A., and Burke.)
Burke, William H., Superior, Wis., assignor of one-half to R. C. Ware, Minneapolis, Minn. Producing imitation tree bark. 2,218,740; Oct. 22.
Burke, William J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic sulphur compounds. 2,212,150; Aug. 20.
Burkey Company, The. (See Burklin, Adolf J., assignor.)
Burkhardt, Anton F., New York, N. Y. Decorticating machine. 2,197,683; Apr. 16.
Burkhardt, Arthur, Berlin-Lichterfelde, assignor to Georg Von Giesche's Erben, Breslau, Germany. Casting zinc alloy. 2,189,054; Feb. 6.
Burkhardt, Arthur, Berlin-Lichterfelde, and R. Knabe, Berlin-Zehlendorf, assignors to Georg Von Giesche's Erben, Breslau, Germany. Magnesium alloy of high strength. 2,204,567; June 18.
Burkhardt, Arthur, Berlin-Lichterfelde, and R. Knabe, Berlin-Zehlendorf, assignors to Georg Von Giesche's Erben, Breslau, Germany. Magnesium alloy. 2,204,568; June 18.
Burkhardt, Arthur, Berlin-Lichterfelde, and R. Knabe, Berlin-Zehlendorf, assignors to Georg Von Giesche's Erben, Breslau, Germany. Magnesium alloy. 2.226,549: Dec. 31.
Burkhardt, Arthur, Berlin-Lichterfelde, and R. Knabe, Berlin-Zehlendorf, assignors to Georg Von Giesche's Erben, Breslau, Germany. Magnesium alloy. 2,226,550; Dec. 31.
Burkhardt, Chandos, Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,225,621; Dec. 24.
Burkhardt, Company, The. (See Russell, Alfred R., assignor.)
Burkhardt, Otto M., assignor to Thompson Products, Inc., Cleveland, Ohio. Seal construction. 2,200,151; May 7.
Burkhardt, Otto M., assignor to Thompson Products, Inc., Cleveland, Ohio. Mechanical clearance regulator. 2,200,152; May 7.
Burkhardt, Otto M., assignor to Thompson Products, Inc., Cleveland, Ohio. Mechanical clearance regulator. 2,222,138; Nov. 19.
Burkhardt, Otto W., Bayreuth, Germany. Dressing of individual blocks of stone. 2,187,299; Jan. 16.
Burkhardt, Richard, assignor of one-half to R. F. Maurer, Elkhart Lake, Wis. Cleaning ring for wheels. 2,221,756; Nov. 19.
Burkhardt, Wilhelm. (See Berghaus, B., and Burkhardt, assignors.)
Burkhart, Oliver M., East Moline, Ill. Compartment shelf and divider. 2,215,208; Sept. 17.
Burkhart, William G., Detroit, Mich. Electric measuring apparatus. 2,218,697; Oct. 22.
Burkholder, Alden H. (See Kline, H. B., Knebusch, and Burkholder.)
Burkholder, Alden H. (See Knebusch, W. F., and Burkholder.)
Burkholder, Alden H., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Apparatus for drying or otherwise treating thread or the like. 2,189,195; Feb. 6.
Burkholder, Alden H., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Thread inspection apparatus. 2,206,833; July 2.
Burkholder, Alden H., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Waste collection apparatus. 2,206,834; July 2.
Burkinshaw, Sidney D., Brocksburg, Nebr. Tooth brush. 2,186,520; Jan. 9.
Burklin, Adolf J., assignor to The Burkay Company, Toledo, Ohio. Water heater and control. 2,215,520; Sept. 24.
Burks, John E. (See Fleischer, M., and Burks.)
Burleigh, Arthur C., Wellesley, Mass. Backing pad for sanding or polishing machines. 2,217,791; Oct. 15.
Burley, Matthew, assignor to H. O. and M. L. Shaw, Miami, Fla. Actuating mechanism for vehicle parking meters. 2,223,843; Dec. 3.
Burling, Herbert S., South Orange, N. J. Temperature controlling means. 2,210,526; Aug. 6.
Burman, Axel S., Huddinge, Sweden. Producing aluminum oxide from aluminiferous raw materials. 2,189,376; Feb. 6.
Burman, Axel S., Huddinge, Sweden. Producing pure alumina. 2,217,099; Oct. 8.
Burman, William J. (See Hatch, J. W., and Burman.)
Burmeister, Frederick M. (See Dow, D. M., Burmeister, and Heckler.)
Burmeister, Hermann, Berlin-Spandau, Germany, assignor to General Electric Company. Electric circuit interrupter. 2,188,806; Jan. 30.

Burmeister, Hermann, Berlin-Spandau, Germany, assignor to General Electric Company. Manufacture of a lignin-containing press mass. 2,192,030; Feb. 27.
Burn, James L., Niota, Tenn. Zipper anklet. 2,193,056; Mar. 12.
Burndy Engineering Co. Inc. (See Lee, Marvin, assignor.)
Burndy Engineering Co. Inc. (See Lee, M., and Rogoff, assignors.)
Burndy Engineering Co. Inc. (See Matthysse, Irving F., assignor.)
Burndy Engineering Co. Inc. (See Rogoff, Julian, assignor.)
Burneleit, Willy, Cologne, W. Mieg and F. Wieners, Opladen, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Effecting carbazole ring formation of compounds of the anthraquinone series. 2,187,815; Jan. 23.
Burnell Machine Company. (See Hausman, Walter J., assignor.)
Burnelli Aircraft Corporation. (See Burnelli, Vincent J., assignor.)
Burnelli, Vincent J., Keyport, N. J., assignor to Burnelli Aircraft Corporation. All-wing airplane. 2,224,641; Dec. 10.
Burner, Bingham, Arlington, Va. Control for transmissions. 2,208,301; July 16.
Burnett, Alexander, assignor to Industrial Patents Corporation, Chicago, Ill. Clutch mechanism. 2,201,715; May 21.
Burnett, Alexander H. (See Munn, J., and Burnett.)
Burnett, Carlos E., East Orange, N. J., assignor to Radio Corporation of America. High impedance attenuator. 2,200,055; May 7.
Burnett, Gordon G., San Leandro, Calif. Tripod adapter for panoramic photography. 2,214,192; Sept. 10.
Burnett, Richard W., Chicago, Ill. Hand brake. 2,225,427; Dec. 17.
Burnett, Robert E. (See Nordlander, B. W., and Burnett.)
Burnett, Robert E., Schenectady, N. Y., assignor to General Electric Company. Resinous composition, making the same, and article produced therefrom. 2,221,440; Nov. 12.
Burnette, John K., Jacksonville, Fla. Dispenser for cleansing tissues. 2,223,094; Nov. 26.
Burnham, Harry S., Schenectady, assignor to American Locomotive Company, New York, N. Y. Locomotive crosshead structure. 2,195,376; Mar. 26.
Burnham, Harry S., Schenectady, assignor to American Locomotive Company, New York, N. Y. Locomotive cross head structure. 2,209,322; July 16.
Burnham, Henry S., Clinton, Mo. Chick box. 2,190,399; Feb. 13.
Burnham, John, assignor to Sprague Specialties Company, North Adams, Mass. Electrical condenser. 2,193,710; Mar. 12.
Burnham, John, assignor to Sprague Specialties Company, North Adams, Mass. Electrolytic device. 2,193,711; Mar. 12.
Burnip, Harold A. (See Chamberlain, J. M. W., and Burnip.)
Burnley, Robert C., Louisville, Ky. Animal trap. 2,205,970; June 25.
Burns, Bruce. (See Lewis, H. B., Burns, Elmore, and Salsbury.)
Burns, C. E. (See Williams, Robert A., assignor.)
Burns, Charles, Thamesville, Ontario, Canada. Self-energizing brake. 2,207,431; July 9.
Burns, Cloyd E., assignor to Schick Dry Shaver, Inc., Stamford, Conn. Hair receiver. 2,220,597; Nov. 5.
Burns, Earl W., Urichsville, Ohio. Illuminating device for handbags. 2,215,320; Sept. 17.
Burns, Erwin. (See Wickersham, Harry P., assignor.)
Burns, Erwin, Los Angeles, assignor of one-half to H. P. Wickersham, Whittier, Calif. Jarring tool. 2,222,646; Nov. 26.
Burns, Fred J., assignor to The Columbia Mills, Inc., Saginaw, Mich. Cord locking mechanism for Venetian blinds. 2,223,403; Dec. 3.
Burns, Fred J., assignor to The Columbia Mills, Inc., Saginaw, Mich. Venetian blind tilting mechanism. 2,223,404; Dec. 3.
Burns, James A., executor. (See Nieuwland, J. A., and Sowa.)
Burns, Jay E., trustee. (See Nelson, William J., assignor.)
Burns, Joseph E., Syracuse, N. Y. Sharpening device for edged implements. 2,222,361; Nov. 19.
Burns, Lawrence H., Waco, Tex. Invalid appliance for beds and cots. 2,187,013; Jan. 16.
Burns, Leonard S. (See Wilson, F. D., and Burns.)
Burns, Leroy H. (See Klein, C. H., and Burns.)
Burns, Robert H., Bloomfield, assignor to The H. A. Wilson Company, Newark, N. J. Making contacts. 2,216,510; Oct. 1.
Burns, Roy R. (See Booton, L. W., and Burns.)
Burns, Thomas J., Shelton, Conn. Adjustable form for sectional concrete burial vaults. 2,186,097; Jan. 9.
Burns, Walker, St. Paul, Minn., assignor to Behr-Manning Corporation, Troy, N. Y. Machine for making sandpaper and other abrasives. 2,217,247; Oct. 8.
Burns, William C., Yamhill, Oreg. Cuboid metatarsal support. 2,224,642; Dec. 10.
Burns, William H., Firebaugh, Calif. Cotton sampling knife. 2,217,100; Oct. 8.
Burnside, Don G., East Orange, N. J., assignor to Radio Corporation of America. Combined amplifier-rectifier circuits. 2,196,248; Apr. 9.
Burnside, Don G., East Orange, N. J., assignor to Radio Corporation of America. Multigrid electron discharge tube. 2,214,808; Sept. 17.
Burnside, Don G., East Orange, N. J., assignor to Radio Corporation of America. Voltage doubling signal rectifier circuit. 2,222,759; Nov. 26.
Burnside, James H., 2nd, assignor, by mesne assignments, to Circuit Breakers, Inc., New York, N. Y. Cartridge type circuit breaker. 2,192,222; Mar. 5.
Burnside, James H., 2nd, assignor, by mesne assignments, to Circuit Breakers, Inc., New York, N. Y. Circuit breaker. 2,204,528; June 11.
Buron, Harry A. (See Billings, H. J., Buron, and Petty.)
Burr, Raymond, South Pasadena, Calif. Oven rack. 2,189,240; Feb. 6.
Burr, William G., Pasadena, assignor, by mesne assignments, to Pacific Cast Iron Fitting Co., Los Angeles, Calif. Drain. 2,222,807; Nov. 26.
Burrage, Leslie J., Liverpool, Lancashire, assignor to Imperial Chemical Industries Limited, London, England. Manufacture of alkali metal cyanide. 2,201,760; May 21.
Burrell, Harry, Bloomfield, N. J., assignor to Ellis-Foster Company. Softening waters of temporary hardness. 2,214,689; Sept. 10.
Burrell, Thomas L. (See Montgomery, J. E., Spellacy, and Burrell.)
Burrill, Charles M., Haddonfield, N. J., assignor to Radio Corporation of America. Receiving system. 2,223,547; Dec. 3.
Burrill, Harold G., Baltimore, assignor to Elk Paper Manufacturing Company, Childs, Md. Paper widening Machine. 2,217,306; Oct. 8.
Burrill, Walter S. (See Monsaroff, B., and Burrill.)
Burritt, Fred W. (See Clouthier, George P., assignor.)
Burroughs Adding Machine Company. (See Brown, Herbert E., assignor.)
Burroughs Adding Machine Company. (See Butler, Thomas M., assignor.)
Burroughs Adding Machine Company. (See Fettig, Arthur J., assignor.)
Burroughs Adding Machine Company. (See Muller, Robert L., assignor.)
Burroughs Adding Machine Company. (See Pasinski, Walter J., assignor.)
Burroughs Adding Machine Corporation. (See Bower, Raymond G., assignor.)
Burroughs, Charles F., Maplewood, N. J. Tilting head press. 2,197,849; Apr. 23.
Burroughs, Charles F., East Orange, N. J. Injection molding apparatus. 2,202,140; May 28.
Burroughs, Clarence A., San Diego, Calif. Valve for lawn sprinklers. 2,224,508; Dec. 10.
Burroughs, George W., Ridgewood, N. Y. Glass cutting machine. 2,190,641; Feb. 20.
Burroughs, Kenneth C., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Lens grinding machine. 2,214,361; Sept. 10.
Burroughs, Samuel G., Pittsburgh, Pa., assignor to Pennsylvania Industrial Chemical Corporation. Purification of aromatic still residues. 2,209,317; July 30.
Burroughs Wellcome & Co. (U. S. A.), Inc. (See McAvoy, Charles A., assignor.)
Burroughs Wellcome & Co. (U. S. A.) Inc. (See Page, R. C., and Tullar, assignors.)
Burroughs Wellcome & Co. (U. S. A.) Inc. (See Tullar, P. E., and Page, assignors.)
Burroway, Paul M., Phoenix, Ariz. Combination translucent building block and house number. 2,205,515; June 25.
Burrows, Allen, Brockton, and W. H. Rhindress, Braintree, Mass. Armature recutting tool. 2,187,874; Jan. 23.
Burrows, Archie L., Detroit, and A. E. Henricson, Walnut Lake, assignors to Motor Products Corporation, Detroit, Mich. Polishing machine. 2,200,537; May 14.
Burrows, Edwin N., Royal Oak, Mich. Wallpaper marking machine. 2,193,548; Mar. 12.
Burrows, Frederick W. (See Jenkins, J. F., and Burrows.)
Burrows, Godfrey. (See Fawcett, E. W., and Burrows.)
Burrows, Lawton A., Wenonah, and W. E. Lawson, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Electric initiator. 2,185,370; Jan. 2.
Burrows, Lawton A., Wenonah, and W. E. Lawson, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Delay composition. 2,185,371; Jan. 2.
Burrows, Lawton A., Woodbury, N. J., and C. A. Woodbury, Media, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington Del. Collapsible tube method of depositing explosive charges. 2,205,081; June 18.
Burrows, Robert J., and A. O. Williams, assignors to Clark Equipment Company, Battle Creek, Mich. Air conditioning means for rail cars. 2,188,496; Jan. 30.
Burrows, Robert J., and A. O. Williams, Battle Creek, assignors to Clark Equipment Company, Buchanan, Mich. Brake mechanism. 2,221,074; Nov. 12.

Burrows, Robert J., A. O. Williams, and W. L. Davis, Battle Creek, assignors to Clark Equipment Company, Buchanan, Mich. Brake mechanism. 2,221,075; Nov. 12.

Burrows, Robert J., and A. O. Williams, Battle Creek, assignors, by mesne assignments, to Clark Equipment Company, Buchanan, Mich. Rail car truck. 2,222,602; Nov. 26.

Burrows, Robert J., and A. O. Williams, Battle Creek, assignors to Clark Equipment Company, Buchanan, Mich. Truck axle. 2,222,603; Nov. 26.

Burrows, Samuel G., Pittsburgh, and F. W. Corkery, Grafton, Pa., assignors to Pennsylvania Industrial Chemical Corporation. Purification of still residue. 2,209,316; July 30.

Burrows, William, assignor to Hanson & Edwards Limited, Warrington, England. Tubular wire stranding machine. 2,218,278; Oct. 15.

Burrows, William E., assignor of thirty one-hundredths to G. F. White and thirty one-hundredths to J. Kellogg, St. Joseph, Mo. Deodorizing apparatus. 2,221,940; Nov. 19.

Burson, Harry H., assignor to N. C. Spong, Chicago, Ill. Clip for wallboards. 2,226,368; Dec. 24.

Burt, Clarence E. (See Baker, R. C., and Burt.)

Burt, Clarence E. (See Baker, R. C., Burt, and Ragan.)

Burt, Clarence E., Los Angeles, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Formation testing method and apparatus. 2,187,486; Jan. 16.

Burt, Clarence E., Los Angeles, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Bridge plug. 2,187,487; Jan. 16.

Burt, Clarence E., Los Angeles, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Well cementing mechanism. 2,189,702; Feb. 6.

Burt, Clarence E., Los Angeles, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Well cementing apparatus. 2,196,656; Apr. 9.

Burt, Clarence E., Los Angeles, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Well cementing apparatus. 2,196,657; Apr. 9.

Burt, Clarence E., Los Angeles, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Cementing, washing, and acidizing retainer for oil wells. 2,196,658; Apr. 9.

Burt, Clarence E., Los Angeles, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Well cementing device. 2,204,658; June 18.

Burt, Clarence E., Los Angeles, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Slip for oil well tools. 2,204,659; June 18.

Burt, Clarence E., and E. Graham, Jr., Los Angeles, assignors to Baker Oil Tools, Inc., Huntington Park, Calif. Production packer and liner hanger. 2,189,701; Feb. 6.

Burt, Clarence E., and E. Graham, Jr., Los Angeles, assignors to Baker Oil Tools, Inc., Huntington Park, Calif. Well production apparatus. 2,189,703; Feb. 6.

Burt, F. N., Company. (See Dreux, A. H., and Royal, assignors.)

Burt, F. N., Company. (See Mason, Scott B., assignor.)

Burt, Fred C., New Hudson, Mich. Floor heater. 2,195,691; Apr. 2.

Burt, Harold A., St. Albans, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,195,143; Mar. 26.

Burt, Harry M., Cranston, R. I., assignor to L. Karasik, New York, N. Y. Memorandum device. 2,189,625; Feb. 6.

Burt, Joseph H., Hermann, Mo. Cable tool. 2,205,238; June 18.

Burt, Leo O., assignor to The Studebaker Corporation, South Bend, Ind. Transmission and gear shift mechanism therefor. 2,185,830; Jan. 2.

Burt, Leo O., assignor to The Studebaker Corporation, South Bend, Ind. Transmission. 2,217,728; Oct. 15.

Burt Machine Company. (See Neer, Clifford H., assignor.)

Burt Machine Company, The. (See Wild, C. H., and Neer, assignors.)

Burt, Robert C. (See Garstka, W. U., and Burt.)

Burt, Robert V., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Continuous mixing of viscous materials. 2,203,980; June 11.

Burtenshaw, George H., Taumarunui, New Zealand. Denture demonstrating apparatus. 2,203,891; June 11.

Burtis, William H., Davis, Calif. Memo paper holder. 2,211,492; Aug. 13.

Burtner, Robert R., Niles Center, assignor to G. D. Searle & Co., Chicago, Ill. Antiseptic. 2,206,804; July 2.

Burtner, Robert R., Niles Center, assignor to G. D. Searle & Co., Chicago, Ill. Antiseptic. 2,206,805; July 2.

Burtnett, Edith G. (See Burtnett, Everett R., assignor.)

Burtnett, Everett R., assignor to Automotive Improvement Patents Corporation, Los Angeles, Calif. Transmission mechanism. 2,185,538; Jan. 2.

Burtnett, Everett R., assignor to Automotive Improvement Patents Corporation, Los Angeles, Calif. Transmitting mechanism. 2,193,267; Mar. 12.

Burtnett, Everett R., assignor of one-half to E. G. Burtnett, Los Angeles, Calif. Transmission mechanism. 2,197,536; Apr. 16.

Burtnett, Everett R., assignor of one-half to E. G. Burtnett, Los Angeles, Calif. Power transmitting mechanism. 2,209,385; July 30.

Burton, Albert A. (See Burton, Harry H., A. A., and E. V.)

Burton, Alvin A., Albany, assignor to Standard Oil Company of California, San Francisco, Calif. Method and composition for improving diesel fuel ignition. 2,200,260; May 14.

Burton-Dixie Corporation. (See Gartz, George W., assignor.)

Burton-Dixie Corporation. (See Wesley, Arthur, assignor.)

Burton-Dixie Corporation. (See Wesley, A., and Sieger, assignors.)

Burton, Ernest V. (See Burton, Harry H., A. A., and E. V.)

Burton, Everett T., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical contact protection. 2,207,969; July 16.

Burton, Everett T., Millburn, and A. M. Curtis, South Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Nonsparking electromagnetic signaling and switching device. 2,199,909; May 7.

Burton, George F., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Carton lining machine. 2,216,586; Oct. 1.

Burton, George H., Arlington, N. J. Line supporting device and installation. 2,188,032; Jan. 23.

Burton, Harry H., Worcester, Mass., and A. A. and E. V. Burton, Willimantic, Conn. Knockdown ski. 2,224,897; Dec. 17.

Burton, Isaac L. (See Thaxton, George O., assignor.)

Burton, John, Birmingham, England. Scaffolding clamp. 2,194,883; Mar. 26.

Burton, Ralph J. (See Ryan, William J., assignor.)

Burton, Robert B. (See Rossman, E. F., Fuchs, and Burton.)

Burton, Walter E., Akron, Ohio. Magnetic holding means. 2,209,809; July 30.

Burwell, Lester T., Maplewood, N. J. Track construction. 2,212,657; Aug. 27.

Burwell, Mary E., Denver, Colo. Knockdown garment-drying form. 2,213,975; Sept. 10.

Burwell, Maurel G., Columbus, Ohio. Conduit cleaning mechanism. 2,219,555; Oct. 29.

Busby, Albert E. (See Deans, C. F., and Busby.)

Busby, Edward B., trustee. (See Beebe, John D.)

Busby, Edward B., trustee. (See Beebe, Watson, assignor.)

Busch, Aloysius J., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,192,025; Feb. 27.

Busch, Aloysius J., Madison, and W. H. Matthies, Hackensack, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone meter control system. 2,208,357; July 16.

Busch, Aloysius J., Madison, and E. L. Erwin, Towaco, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,224,251; Dec. 10.

Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Brake beam. 2,193,580; Mar. 12.

Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Brake beam and head therefor. 2,226,704; Dec. 31.

Busch, Dorothy T., et al. (See Kuzmann, Alexander J., assignor.)

Busch, Emil, Aktien-Gesellschaft, Optische-Industrie. (See Graff, Theobald, assignor.)

Busch, Vern W., Rushton, Mich. Television apparatus. 2,224,287; Dec. 10.

Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ultra short wave antenna. 2,193,859; Mar. 19.

Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Measuring power on high-frequency energy lines. 2,205,873; June 25.

Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Arrangement for matching a high frequency radiator to a transmission line. 2,205,874; June 25.

Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Oscillation generator. 2,206,388; July 2.

Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna for broad frequency bands. 2,218,741; Oct. 22.

Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Neutralization circuit for short wave transmitters. 2,226,694; Dec. 31.

Buschbeck, Werner, and H. J. R. von Baeyer, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna transformer. 2,187,014; Jan. 16.

Buschbeck, Werner, and H. J. R. von Baeyer, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Short wave tuning. 2,222,169; Nov. 19.

Busche, John C., Highland Park, Mich. Tumbler lock. 2,212,262; Aug. 20.

Buschi, Feliciano, assignor to Unique Fountain Pen Corporation, New York, N. Y. Fountain pen. 2,199,126; Apr. 30.

Buschmann, Eugen, Chemnitz, assignor to Wanderer-Werke Aktiengesellschaft, Siegmar-Schonau, Germany. Escapement mechanism for the carriage of a typewriter. 2,212,435; Aug. 20.

Buschow, Adolph, New York, N. Y. Stencil device. 2,197,067; Apr. 16.

Buser, John A., assignor to Lebanon Paper Box Company, Lebanon, Pa. Shipping carton. 2,221,368; Nov. 12.

Buser, Joseph S., Toronto, Ohio. Determining the coating weight of tin on tin plates. 2,206,026; July 2.

Bush, A. G. (See Criner, Harry J., assignor.)

Bush, Althea M. (See Bush, Edward Marshall, assignor.)

Bush, Arthur G., Davenport, Iowa. Water clarifier for automobiles. 2,191,440; Feb. 27.

Bush, Charley, Akron, Ohio. Printing plate cooler. 2,218,417; Oct. 15.

Bush, Earl, Fern, Wis. Differential. 2,200,153; May 7.

Bush, Edward M., assignor of one-half to A. M. Bush, Rossville, Ill. Cup. 2,222,741; Nov. 26.

Bush, Eugene S., assignor to Bush Manufacturing Company, St. Louis, Mo. Calculating machine. 2,195,267; Mar. 26.

Bush, Everett M., South Nyack, N. Y. Vise mounting. 2,197,850; Apr. 23.

Bush Manufacturing Company, The. (See Bappler, Charles T., assignor.)

Bush Manufacturing Company. (See Bush, Eugene S., assignor.)

Bush Manufacturing Company, The. (See Hatch, James W., assignor.)

Bush Manufacturing Company, The. (See Kromas, Harry C., assignor.)

Bush, Ralph G. (See Kenner, W. T., Sr. Bush, and Strain.)

Bush, Rankin J., Jeanette, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,215,346; Sept. 17.

Bush, Rankin J., Jeannette, and W. H. Glass, Pittsburgh, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid compressor construction. 2,187,931; Jan. 23.

Bush, Rankin J., Jeannette, and W. H. Glass, Pittsburgh, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,218,600; Oct. 22.

Bush, Robert R., assignor to Lima Locomotive Works, Incorporated, Lima, Ohio. Adjustable valve gear for steam engines. 2,203,379; June 4.

Bush, Stanley A., East Jordan, assignor to G. C. Willcox, Saginaw, Mich. Supplying drinking water to fowls and the like. 2,205,342; June 18.

Bush, Theodore R., et al. (See Sheppard, William L., assignor.)

Bush, Theodore R., Royal Oak, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Press ironer. 2,213,689; Sept. 3.

Bush, Theodore R., Royal Oak, and S. E. Bickle, Highland Park, assignors to Borg-Warner Corporation. Ironing apparatus. 2,219,679; Oct. 29.

Bush, William A., Blue Island, Ill. Clothesline bracket. 2,206,345; July 2.

Bushey, Edward L., assignor to J. A. Scheminger, Olean, N. Y. Signaling device. 2,195,692; Apr. 2.

Bushman, Otto G., Salt Lake City, Utah. Ink feed means for printing presses. 2,188,219; Jan. 23.

Bushnell, Charles S. (See Reichard, W. H., and Bushnell.)

Bushnell, James E., Pittsburgh, assignor to Blaw-Knox Company, Blawnox, Pa. Recording apparatus. 2,202,547; May 28.

Bushong, Tolbert C., Waveland, Ind. Agricultural machine. 2,204,569; June 18.

Bushway, George H., Amesbury, assignor to Electricooker, Inc., Newburyport, Mass. Electric circuit. 2,189,856; Feb. 13.

Busignies, Henri G., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Radio direction finder. 2,208,209; July 16.

Busignies, Henri G., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Radio directing and direction finding system. 2,208,921; July 23.

Busignies, Henri G., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Radio beacon system. 2,210,651; Aug. 6.

Busignies, Henri G., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Antenna mounting arrangement. 2,215,778; Sept. 24.

Buske, Alfred, Berlin-Siemensstadt, Germany. Journal bearing. 2,213,302; Sept. 3.

Buskirk, Joseph H., assignor to Brown Rubber Company, Inc., La Fayette, Ind. Chemical sponge rubber process. 2,216,834; Oct. 8.

Buslaff, Roland. (See Engels, H. L., and Buslaff.)

Bussard, Emmery J. H., assignor to The Crosley Corporation, Cincinnati, Ohio. Device for improving the tone qualities of loudspeakers. 2,198,243; Apr. 23.

Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake beam support chair. 2,196,249; Apr. 9.

Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway truck structure. 2,197,785; Apr. 23.

Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway brake gear support. 2,216,338; Oct. 1.

Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway truck structure. 2,226,551; Dec. 31.

Busse, Ernst, Hamburg, Germany, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Cathode ray apparatus. 2,188,647; Jan. 30.

Busse, Ferdinand, Munich, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Apparatus for numbering or marking light-sensitive photographic papers. 2,205,516; June 25.

Busse, Ferdinand, Munich, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Apparatus for the making of contact copies of films. 2,205,615; June 25.

Busse, Ferdinand, Munich, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Apparatus for compensating for incorrect reproduction of color in color photographs. 2,213,382; Sept. 3.

Busse, Ferdinand, Munich, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Control device for a printing light. 2,220,207; Nov. 5.

Busse, Warren F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Extreme pressure lubricant. 2,201,258; May 21.

Busse, Warren F., Akron, and E. N. Cunningham, Cuyahoga Falls, Ohio, assignors, to The B. F. Goodrich Company, New York, N. Y. Softened rubber. 2,206,448; July 2.

Busselmeier, Rudolf, Berlin, assignor to Bayerische Flugzeugwerke A. G., Augsburg, Germany. Deflection-preventing arrangement in airplanes. 2,187,446; Jan. 16.

Bussert, Frank R., Chicago, Ill. Putty knife. 2,193,390; Mar. 12.

Bussey, Ernest, Birmingham, Ala., assignor to Sta-Rite Corporation. Metallic shingle. 2,202,830; June 4.

Bussey, William V., Greenville, S. C. Collapsible table. 2,191,007; Feb. 20.

Bussiere, Frank H., assignor of one-half to Mayo Woolen Mills, Inc., Millbury, Mass. Mechanism for making irregular yarn. 2,189,938; Feb. 13.

Büssing-Nag Vereinigte Nutzkraftwagen Aktiengesellschaft. (See Zahren, Franz, assignor.)

Bussmann, Aloysius B., St. Louis, Mo. Electric fuse and fuse holder. 2,209,048; July 23.

Butchart, Trevor H., Auckland, Auckland, New Zealand. Stay for doors of motor vehicles and the like. 2,187,553; Jan. 16.

Butcher, Antis M., assignor to Happy Belting Company, Tulsa, Okla. Counterbalancing crank for pumping units. 2,213,646; Sept. 3.

Butement, Colin, assignor to Dufay-Chromex Limited, London, England. Color photography. 2,197,994; Apr. 23.

Butenandt, Adolf, Berlin-Dahlem, Germany, assignor to Schering Corporation, Bloomfield, N. J. Production of the male sexual hormone. 2,188,881; Jan. 30.

Butenandt, Adolf, Danzig-Langfuhr, Free State, Danzig, assignor to Schering Corporation, Bloomfield, N. J. Reduction products derived from dehydroandrosterone and producing the same. 2,189,130; Feb. 6.

Butenandt, Adolf, Berlin-Lichterfelde, Germany, assignor to Schering Corporation, Bloomfield, N. J. β,γ-unsaturated ketones of the cyclopentano polyhydro phenanthrene series and producing the same. 2,224,856; Dec. 17.

Butenandt, Adolf, Berlin-Lichterfelde, and F. Hildebrandt, Hohen Neuendorf, near Berlin, Germany, assignors to Schering Corporation, Bloomfield, N. J. Unsaturated derivatives of compounds of the cyclopentano polyhydro phenanthrene series and producing the same. 2,201,121; May 14.

Butera, Joseph, assignor of one-half to V. J. Lo Bue and S. Di Maria, San Jose, Calif. Dust collector. 2,202,372; May 28.

Butherus, Frederick R., Enfield, England. Coin-operated device. 2,202,897; June 4.

Buti, Giacinto, McKeesport, Pa. Comfort window. 2,204,923; June 18.

Butler, Bernard J. (See Nicoll, J. S., Giles, Maruoka, Butler, and Countryman.)

Butler, Charles H., Chicago, Ill. Soap holder. 2,194,997; Mar. 26.

Butler, Clarence H., assignor to Amalgamated Minerals Corporation, Minneapolis, Minn. Exfoliating vermiculite and similar minerals. 2,187,538; Jan. 16.

Butler, Daniel L., Rodessa, La. Cathead construction. 2,218,742; Oct. 22.

Butler, Edgar M., Brooklyn, assignor of fifty one-hundredths to A. Jordahl, New York, N. Y. Apparatus for automatically tuning radio receivers. 2,191,606; Feb. 27.

Butler, Edward A., assignor to The Turbuletics Corporation. Buffalo, N. Y. Mill. 2,221,342; Nov. 12.

Butler, Frank D., U. S. Navy. Rotary internal combustion engine. 2,192,893; Mar. 12.

Butler, Frank D., United States Navy. Internal combustion engine charge-forming device. 2,203,669; June 11.

Butler, Frank D., United States Navy. Internal combustion engine method and apparatus. 2,204,570; June 18.

Butler, Frank D., United States Navy. Internal combustion engine. 2,206,027; July 2.

Butler, Frank D., U. S. Navy. Internal combustion engine. 2,218,522; Oct. 22.
Butler, Fred., assignor to F. C. McClelland, Chicago, Ill. Air conditioning apparatus. 2,204,401; June 11.
Butler, Henry R., Verona, N. J., assignor to Wired Radio, Inc., New York, N. Y. Wired radio television distribution system. 2,208,922; July 23.
Butler, Jack K., Dallas, Tex., assignor, by mesne assignments, to International Register Company, Chicago, Ill. Electric refrigerator. Re. 21,423; Apr. 16.
Butler, James, Harrietsville, Ontario, Canada. Brake mechanism. 2,196.520; Apr. 9.
Butler, John B., West Newton, Mass. Bending jig. 2,212,415; Aug. 20.
Butler, John W., Schenectady, N. Y., assignor to General Electric Company. Control system for and method of controlling synchronous machines. 2,207,578; July 9.
Butler, Joseph H., Tyler, assignor of one-half to D. R. Boisseau, San Antonio, Tex. Pump valve. 2,220,392; Nov. 5.
Butler, Kenneth M. (See Judge, W. M., and Butler.)
Butler, Leo G. (See Heller, H. S., and Butler.)
Butler, Leonard F. G., and W. Cordiner, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Fluid transmission joint. 2,225,547; Dec. 17.
Butler, Louis, Inglewood, New Zealand. Hay sweep attachment to motor vehicles and the like. 2,214,073; Sept. 10.
Butler Manufacturing Company. (See Bradley, R. A., and George, assignors.)
Butler, Robert W., Philadelphia, Pa., assignor, by mesne assignments, to United Specialties Company, Detroit, Mich. Combined latch and dovetail structure. 2,187,530; Jan. 16.
Butler, Robert W., Philadelphia, Pa., assignor, by mesne assignments, to United Specialties Company, Detroit, Mich. Combined latch and dovetail structure. 2,187,531; Jan. 16.
Butler, Thomas M., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,221,861; Nov. 19.
Butler-Weiland Corporation, The. (See Weiland, Joseph, assignor.)
Butler, William L., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,210,793; Aug. 6.
Butman, Helen L., Portage Township, Kalamazoo County, Mich. Pastry or dough rolling apparatus. 2,205,842; June 25.
Butman, Joseph S. (See Bernis, Julius, assignor.)
Butt, Ernest E. W., London, England. Power unit for motorcycles. 2,192,867; Mar. 5.
Butter, Karl, Rostock, assignor to E. Heinkel, Warnemund, Germany. Riveting machine. 2,215,388; Sept. 17.
Butterfield, Charles, Wyoming, assignor to The Globe-Wernicke Company, Norwood, Ohio. Fanfold machine. 2,202,244; May 28.
Butterfield, Vernon J., assignor to Tropic-Aire, Incorporated, Minneapolis, Minn. Automobile heater and defroster. 2,188,388; Jan. 30.
Butterfield, Wendell. (See Lane, G. T., and Butterfield.)
Buttermann, Garry G., Louisville, Ky. Self-closing box for shipping and dispensing ice-cream cones. 2,185,328; Jan. 2.
Buttermann, Garry G., Louisville, Ky. Tappet-lock for cone boxes in a cone-baking machine. 2,200,056; May 7.
Butterworth, Ernest, Ballymena, Northern Ireland, assignor to Imperial Chemical Industries Limited. Treatment of textiles. 2,202,331; May 28.
Butterworth, Ernest, Ballymena, Northern Ireland, assignor to Imperial Chemical Industries Limited. Bleaching of textiles. 2,202,332; May 28.
Butterworth, Ernest, Ballymena, Northern Ireland, and B. P. Ridge, Grappenhall, England, assignors to Imperial Chemical Industries Limited. Bleaching linen and like bast fiber material. 2,202,333; May 28.
Butterworth, Ernest, Ballymena, Northern Ireland, and B. P. Ridge, Grappenhall, England, assignors to Imperial Chemical Industries Limited. Treatment of textiles. 2,202,334; May 28.
Butterworth, Ernest, Ballymena, Northern Ireland, and J. A. M. W. Mitchell, Runcorn, England, assignors to Imperial Chemical Industries Limited. Treatment of textiles. 2,202,335; May 28.
Butterworth, H. W., & Sons Company. (See Butterworth, Harry W., Jr.)
Butterworth, Harry W., Jr., assignor to H. W. Butterworth & Sons Company, Philadelphia, Pa. Dyeing spindle. 2,220,780; Nov. 5.
Butterworth, Theron H., Syracuse, N. Y., and W. A. Sommer, Fond du Lac, Wis., assignors to The Borden Company, New York, N. Y. Making a cheese-like product. 2,224,720; Dec. 10.
Butterworth, Willoughby H., assignor to The Exhibit Supply Company, Chicago, Ill. Game apparatus. 2,192,608; Mar. 5.
Buttikofer, John W., New Rochelle, N. Y. Adjustable body support. 2,211,453; Aug. 13.
Büttinghaus, Alfred. (See Reitz, H., Hengier, and Büttinghaus.)
Buttle, Walter E., Chicago, Ill., assignor, by mesne assignments, to The New York Trust Company. Fuel injection pump. 2,221,179; Nov. 12.
Büttner, Artur, assignor to Schnellpressenfabrik Aktiengesellschaft Heidelberg, Heidelberg, Germany. Automatic sheet feeding and delivery device for cylinder printing presses. 2,192,068; Feb. 27.
Büttner, Artur, assignor to Schnellpressenfabrik Aktiengesellschaft Heidelberg, Heidelberg, Germany. Device for spraying printed sheets. 2,215,389; Sept. 17.
Buttner, William C., Winnetka, assignor to The Bastian-Blessing Co., Chicago, Ill. Cylinder valve. 2,194,541; Mar. 26.
Buttner, William C., Winnetka, assignor to The Bastian-Blessing Co., Chicago, Ill. Excess flow and shut-off valve. 2,217,330; Oct. 8.
Buttondex Corporation. (See Stott, Frank, assignor.)
Buttress Board Company. (See Buttress, George A., assignor.)
Buttress, George A., assignor to Buttress Board Company, Los Angeles, Calif. Fabricating lath. 2,219,805; Oct. 29.
Buttress, George A., assignor to Buttress Board Company, Los Angeles, Calif. Hollow rib lath. 2,219,806; Oct. 29.
Buttress, Joseph A., South Pasadena, Calif. Curve scriber. 2,217,998; Oct. 15.
Butts, Algernon E., Houston, Tex. Water pressure reducer. 2,194,884; Mar. 26.
Butts, John H. (See Spriggs, E. L., and Butts.)
Butz, John G., Drexel Hill, Pa. Refining a low boiling hydrocarbon distillate. 2,222,400; Nov. 19.
Butz, Karl, Chemnitz, Germany, assignor, by mesne assignments, to American Hyalsol Corporation, Wilmington, Del. Washing and cleansing agent and making same. 2,190,769; Feb. 20.
Butzin, Paul E. (See Tautz, H. E., and Butzin.)
Buvinger, Roy E., Dayton, Ohio. Cooler. 2,185,539; Jan. 2.
Bux, Julius R., Melrose Park, Pa. Manufacturing flexible stays. 2,190,469; Feb. 13.
Buxbaum, Edwin C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the acid wool class. 2,204,748; June 18.
Buxton, James E., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Two-stage engine starter control. 2,213,158; Aug. 27.
Buxton, Paul H., Alton, assignor to Western Cartridge Company, East Alton, Ill. Ammunition. 2,193,245; Mar. 12.
Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 2,219,807; Oct. 29.
Buzzard, Robert W., Kensington, Md. Treating electrolytic coatings on magnesium and its alloys. 2,203,670; June 11.
Buzzard, Robert W., Kensington, Md. Anodic treatment of magnesium. 2,206,028; July 2.
Bychinsky, Wilfred A. (See Rabezzana, H., and Bychinsky.)
Bychinsky, Wilfred A., Ann Arbor, assignor to General Motors Corporation, Detroit, Mich. Ignition system. 2,222,498; Nov. 19.
Byck, Harold T. (See Freeland, J. W., and Byck.)
Byck, Harold T., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Removal of mud sheaths. 2,217,857; Oct. 15.
Byck, Harold T., Berkeley, J. W. Freeland, San Francisco, and H. C. Lawton, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Treating oil and gas wells. 2,211,688; Aug. 13.
Bye, Albert K., Pasadena, Calif. Article support. 2,220,991; Nov. 12.
Byer, Gertrude E. (See Parsons, R. V., and Wilcox, assignors.)
Byerlein, Erle J., Progreso, Tex. Briquetting machine tamping device. 2,206,000; June 25.
Byerman, Forest H., Springfield, Ohio. Internal combustion engine. 2,226,333; Dec. 24.
Byers, Harry M., Fort Wayne, Ind., assignor to Phelps Dodge Copper Products Corporation, New York, N. Y. Spool. 2,190,013; Feb. 13.
Byers, John R., Jr. (See Dickey, J. B., and Byers.)
Byington, Henry A., Adel, Ga. Portable concrete step. 2,218,523; Oct. 22.
Byk-Guldenwerke Chemische Fabrik Aktiengesellschaft. (See Hoffmann, Ferdinand, assignor.)
Byk-Guldenwerke Chemische Fabrik A.-G. (See Hoffmann, F., and Marquardt, assignors.)
Byland, Hans, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Air conditioning system. 2,190,822; Feb. 20.
Bylander, Erland C., Sundbyberg, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Self-carrying cable. 2,220,393; Nov. 5.
Bylund, Eric. (See Jepson, I., and Bylund.)
Byrd, Roy C., Muncie, Ind. Golf device. 2,222,499; Nov. 19.
Byrkit, Gordon D. (See Lincoln, B. H., and Byrkit.)
Byrkit, Gordon D. (See Lincoln B. H., Steiner, and Byrkit.)
Byrkit, Rollin J., Jr., Hattiesburg, Miss., assignor to Hercules Powder Company, Wilmington, Del. Hydrogenation process. Re. 21,448; May 14.
Byrne, James P., Jr., Woodstock, assignor of one-half to R. J. Dwyer, New York, N. Y. Mower attachment. 2,202,443; May 28.

Byrne, John F., assignor to Collins Radio Company, Cedar Rapids, Iowa. Signal receiving system. 2,193,801; Mar. 19.
Byrne, John F., assignor to Collins Radio Company, Cedar Rapids, Iowa. Voltage regulation system for vacuum tube amplifiers. 2,204,571; June 18.
Byrne, Robert E., Oglesby, Ill. Music rack. 2,225,548; Dec. 17.
Byrnes, Roy S., Hardin, Mont. Machine for digging and cleaning ditches. 2,223,479; Dec. 3.
Byrns, Alva C., assignor to Richfield Oil Corporation, Los Angeles, Calif. Phenol recovery. 2,209,150; July 23.
Byrns, Alva C., assignor to Union Oil Company of California, Los Angeles, Calif. Removing phenols from mineral oils. 2,210,542; Aug. 6.
Byron-Jackson Co. (See Grau, Herbert E., assignor.)
Byron Jackson Co. (See Grau, H. E., and Chesnut, assignors.)
Byron Jackson Co. (See Grau, H. E., and Hertel, assignors.)
Byron-Jackson Co. (See Grau, H. E., and Nicolson, assignors.)
Byron Jackson Co. (See Hambly, Allen E., assignor.)
Byron, Jackson, Co. (See Hertel, Richard K., assignor.)
Byron, Jackson, Co. (See Hollander, Aladar, assignor.)
Byron Jackson Co. (See Hollander, A., and Mayer, assignors.)
Byron, Jackson, Co. (See Hoover, Vaino A., assignor.)
Byron Jackson Co. (See Lundeen, Chester A., assignor.)
Byron-Jackson Co. (See Mayer, Waldemar F., assignor.)
Byron Jackson Co. (See Mullinix, Gird E., assignor.)
Byron Jackson Co. (See Tow, James O., assignor.)
Byron Jackson Co. (See Wilcox, Charles E., assignor.)
Byrum, Robert L., Middletown, Ohio. Boiler. 2,187,850; Jan. 23.
Bystricky, Joseph. (See Thomas, G. F., and Bystricky.)
Bystricky, Joseph. (See Thomas, G. F., Ross, and Bystricky.)
Bywater, William G., assignor to Parke, Davis & Company, Detroit, Mich. Barbituric acid compound. 2,200,538; May 14.
C M C Corporation. (See Moreno, Gabriel G., assignor.)
C. O. Bailer Company. (See Vesely, Vincent M., assignor.)
C-O-Two Fire Equipment Company. (See Allen, Scott E., assignor.)
C–S Engineering Company. (See Coffin, Joel S., Jr., assignor.)
C-S Engineering Company. (See Schellens, Christopher A., and E. L., assignors.)
C-S Engineering Company. (See Schellens, Eugene L. and C. A., assignors.)
C. S. I. Development Corporation. (See Kolozsy, Louis W., assignor.)
C. S. I. Development Corporation. (See Parker, Louis W., assignor.)
C-W-B Development Co. (See Whitehead, C. L., Chenoweth, Irwin, Duval, Huntley, Rule, and Lewis, assignors.)
Cabell, Charles A. (See Cherry, O. A., and Cabell.)
Cable, Hobart M. (See Block, David J., assignor.)
Cable and Wireless Limited. (See Humby, A. M., Smale, and Copper, assignors.)
Cabot Shops, Inc. (See Swanson, Arthur, assignor.)
Cabrera, Luis A., Caracas, Venezuela, assignor of one-fourth to E. T. Stewart, New York, N. Y. Advertising device. 2,186,665; Jan. 9.
Caddell, James H., Richmond, Va. Oil gauge. 2,187,300; Jan. 16.
Cadden, Charles C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for preparing cord for making articles such as pneumatic tires. belts, and the like. 2,218,504; Oct. 22.
Caddy, Fred W., assignor of twenty-five and one-half per cent to W. R. Spensley and twenty-five and one-half per cent to A. G. Anderson, Hibbing, Minn. Piston. 2,202,754; May 28.
Cadet, Louis J. A., Le Vesinet, assignor to Société Anonyme dite: Société d'Etude de Distributeurs Automatiques S. E. D. A., Paris, Seine, France. Fluid metering device. 2,198,759; Apr. 30.
Cadet, Louis J. A., Le Vesinet, assignor to Société Anonyme dite: Société d'Etude de Distributeurs Automatiques S. E. D. A., Paris (Seine), France. Device for measuring liquids. 2,200,154; May 7.
Cadillac Malleable Iron Co. (See Price, Edward T., assignor.)
Cadman, Harold J., Minneapolis, Minn. Game apparatus. 2,201,025; May 14.
Cadman, Hubert W., Eltham, London, assignor to Sovex Limited, Erith, England. Sorting apparatus. 2,194,381; Mar. 19.
Cadwallader, Alvin A., Philadelphia, Pa., assignor to Clarostat Manufacturing Co., Inc., Brooklyn, N. Y. Resistor. 2,225,030; Dec. 17.
Cadwallader, Edgar M., assignor to Mineral Cutting Machine Company, Inc., Cleveland, Ohio. Mining apparatus. 2,187,700; Jan. 16.
Cadwallader, Edgar M., assignor to Mineral Cutting Machine Company, Inc., Cleveland, Ohio. Mining apparatus. 2,194,466; Mar. 26
Cadwallader, Harry, Jr., Philadelphia, Pa. Die for making a T-shaped part. 2,201,225; May 21.
Cadwallader, Robert. (See Breer, C., Herreshoff, Clark, and Cadwallader.)
Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle body. 2,225,976; Dec. 24.
Cadwell, Leon L. (See Williams, B. E., and Cadwell.)
Cady, Charles L., assignor of forty per cent to H. J. Yaw, Rockford, Ill. Rotary pump. 2,185,992; Jan. 2.
Cady, Curtis L., assignor to R. P. Cady, Hollywood, Calif. Apparatus for compacting concrete. 2,185,540; Jan. 2.
Cady, George H. (See Muskat, I. E., and Cady.)
Cady, John E., Indianapolis, Ind., assignor to United States Rubber Company, New York, N. Y. Drying apparatus. 2,213,303; Sept. 3.
Cady, Robert P. (See Cady, Curtis L., assignor.)
Cadzow, Robert. (See Myers, L. M., and Cadzow.)
Caesar, John, assignor to The Lamson Company, Syracuse, N. Y. Conveyer. 2,216,685; Oct. 1.
Caestecker, Charles E., Chicago, Ill. Rebound device. 2,226,895; Dec. 31.
Cage, James, Valley Stream, assignor to Reynolds Metals Company, New York, N. Y. Book match shipping container. 2,189,055; Feb. 6.
Cage, John M., Schenectady, N. Y., assignor to General Electric Company. Ultra short wave system. 2,190,511; Feb. 13.
Cage, John M., Schenectady, N. Y., assignor to General Electric Company. Electron beam tube. 2,225,330; Dec. 17.
Cagnon, Charles. (See Reffelt, H., and Cagnon.)
Cahall, John, et al. (See Chapman, R. E., and Cahall.)
Cahn, Frank J. (See Katzman, M. B., and Cahn.)
Cahn, Frank J., assignor to The Emulsol Corporation, Chicago, Ill. Derivatives of alpha higher carboxylic acids. 2,185,541; Jan. 2.
Cahn, Frank J., and M. B. Katzman, assignors to The Emulsol Corporation, Chicago, Ill. Preparing sulphocarboxylic ester salts. 2,185,455; Jan. 2.
Cahn, Joseph, assignor of one-half to H. Feigenbaum, Liege, Belgium. Change speed gear system. 2,198,958; Apr. 30.
Cahoon, Edward E., Racine, Wis. Safety handle for confections. 2,211,197; Aug. 13.
Cahoon, Joseph H., Mill Valley, L. P. Hall, Oakland, and V. R. Peterson, Mill Valley, Calif. Revealable image. 2,210,879; Aug. 13.
Caille, Georges L., Vaujours, France, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Track circuit signaling system for absolute-permissive working. 2,219,808; Oct. 29.
Cain, Albert H., Roodhouse, Ill. Welding torch. 2,207,655; July 9.
Cain, Basil S., Erie, Pa., assignor to General Electric Company. Locomotive vehicle. 2,205,280; June 18.
Cain, Basil S., Erie, Pa., assignor to General Electric Company. Heating system. 2,209,221; July 23.
Cain, Basil S., Erie, Pa., assignor to General Electric Company. Receptacle. 2,219,173; Oct. 22.
Cain, Earle S., Glendale, Calif. Desk. 2,223,405; Dec. 3.
Cain, John C., and H. F. Dent, Morgantown, W. Va. Gauge equipment. 2,218,418; Oct. 15.
Cain, John C., and H. F. Dent, Clarksburg, W. Va. Signaling apparatus. 2,221,229; Nov. 12.
Cain, Joseph I., Rock Island, Ill., assignor to French & Hecht, Incorporated. Wheel making machine. 2,208,959; July 23.
Cain, William T., New Westminster, British Columbia, Canada. Roller skate marking device. 2,205,713; June 25.
Cairncross, Robert L., Chicago, Ill. Rail fastening. 2,196,521; Apr. 9.
Cairncross, Stanley E., Winchester, Mass., assignor to Bristol-Myers Company, New York, N. Y. Phenolphthalein compounds and producing the same 2,216,734; Oct. 8.
Cairns, Robert, Toronto, Ontario, Canada. Auxiliary air inlet for internal combustion engines. 2,217,942; Oct. 15.
Cairns, Robert W., assignor to Hercules Powder Company, Wilmington, Del. Blasting explosive. 2,211,738; Aug. 13.
Cairo, Frances L., Brooklyn, N. Y. Cutout figure or object. 2,203,128; June 4.
Caister, Beverly M. (See Repath, C. J., and Caister.)
Cake, Wallace E., and E. M. McColm, Boenoet, Asahan, Sumatra, Dutch East Indies, assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Preservation of latex. 2,219,469; Oct. 29.
Caladon Corporation. (See Patrignani, Leonida, assignor.)
Calame, Gordon J., assignor to Micro-Westco, Inc., Bettendorf, Iowa. Tensiometer. 2,196,099; Apr. 2.
Calaveras Cement Company. (See Lintz, Mark, assignor.)
Calcott, William S., Woodstown, N. J., and H. W. Starkweather, New Castle County, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coagulation. 2,187,146; Jan. 16.
Calcott, William S., Woodstown, L. Spiegler, Woodbury, and J. M. Tinker, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of N-tertiary amino acyclic carboxylic acids and their salts. 2,203,009; June 4.

Calcott, William S., and A. L. Fox, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process and composition. 2,213,360; Sept. 3.
Calder, Leonard G. (See Nield, J., and Saylor, assignors.)
Calderazzo, Dominick J., Brooklyn, N. Y. Shoe. 2,208,246; July 16.
Calderone, Mary. (See Simler, Oscar J., assignor.)
Caldora, Armand, Brooklyn, assignor of one-half to P. Michielli, Woodhaven, N. Y. Hair waving system. 2,210,897; Aug. 13.
Caldora, Armand, Brooklyn, assignor to P. Michielli, Woodhaven, Long Island, N. Y. Hair curler. 2,218,082; Oct. 15.
Caldwell, Albert E., Galesburg, Ill. Strain relieving device. 2,225,031; Dec. 17.
Caldwell, Albert E., assignor of one-half to G. D. Ladd, Lockport, Ill. Electrical connector. 2,192,165; Feb. 27.
Caldwell, Benjamin F., assignor to D. I. Caldwell, San Dimas, Calif. Clip. 2,209,318; July 30.
Caldwell, Dorothy I. (See Caldwell, Benjamin F., assignor.)
Caldwell, Evelyn D., executrix. (See Caldwell, Guy S.)
Caldwell, Frank W., Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Speed controlling means. 2,219,087; Oct. 22.
Caldwell, Glenn A., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Crane hoist control. 2,208,409; July 16.
Caldwell, Guy S., deceased, late of Paris, Tex., by E. D. Caldwell, independent executrix, Paris, Tex. Device for holding frames while mounting lenses. 2,210,360; Aug. 6.
Caldwell, Harry J., assignor to Barnes Drill Co., Rockford, Ill. Horizontan honing machine. 2,194,638; Mar. 26.
Caldwell, Henry C., assignor, by mesne assignments, to Hendwell Burner Corporation, Buffalo, N. Y. Gas burner. 2,185,886; Jan. 2.
Caldwell, John R., assignor to Southern States Equipment Corporation, Birmingham, Ala. Electric switch. 2,191,878; Feb. 27.
Caldwell, Korene P., Bryn Athyn, Pa. Washing machine. 2,219,680; Oct. 29.
Caldwell, Robert L., Sourlake, Tex. Egg crate. 2,219,978; Oct. 29.
Caldwell, Stuart H., assignor to Kelch Heater Company, Detroit, Mich. Tactual signal. 2,185,329; Jan. 2.
Caldwell, Stuart H., assignor to Kelch Heater Company, Detroit, Mich. Tactual signal. 2,191,516; Feb. 27.
Caldwell, Stuart H., assignor to Kelch Heater Company, Detroit, Mich. Speed warning device. 2,198,902; Apr. 30.
Caldwell, Stuart H., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Stabilizer. 2,213,690; Sept. 3.
Caldwell, Stuart H., Detroit, Mich., and J. J. Linton, assignors to Borg-Warner Corporation, Chicago, Ill. Tube construction. 2,223,814; Dec. 3.
Caldwell, Walker B., Flossmoor, and E. F. Peters, Chicago Heights, assignors to Borg-Warner Corporation, Chicago, Ill. Fence post. 2,189,542; Feb. 6.
Caldwell, Walter T. (See Failing, T. E., and Caldwell.)
Caldwell, Walter T., assignor to The George E. Failing Supply Company, Enid, Okla. Lubricating mechanism for reciprocating pumps and similar devices. 2,188,105; Jan. 23.
Caldwell, Walter T., assignor to The George E. Failing Supply Company, Enid, Okla. Piston. 2,188,106; Jan. 23.
Caldwell, Walter T., assignor to The George E. Failing Supply Company, Enid, Okla. Drilling apparatus. 2,194,066; Mar. 19.
Caldwell, Walter T., assignor to The George E. Failing Supply Company, Enid, Okla. Hydraulic power drilling rig. 2,200,075; May 7.
Caldwell, Walter T., assignor to The George E. Failing Supply Company, Enid, Okla. Piston. 2,211,455; Aug. 13.
Caldwell, Walter T., assignor to The George E. Failing Supply Company, Enid, Okla. Internal pressure piston. 2,211,456; Aug. 13.
Caldwell, Walter T., assignor to The George E. Failing Supply Company, Enid, Okla. Piston. 2,216,291; Oct. 1.
Caldwell, Walter T., and J. P. Lang, assignors to The George E. Failing Supply Company, Enid, Okla. Rotary drilling rig. 2,188,107; Jan. 23.
Cale, Lambert R., assignor of one-half to G. Bayder, Bridgeport, Ohio. Ignition switch. 2,202,043; May 28.
Calendine, Margaret R. (See Rankin, Albert L., assignor.)
Calhoun, William L., Rayville, La. Heating means for gins. 2,214,497; Sept. 10.
California Cap Company. (See Watts, Edward L., assignor.)
California Cedar Products Company. (See Wilcox, William H., assignor.)
California Consumers Corporation. (See Meinzer, Gotthold H., assignor.)
California Fruit Growers Exchange. (See Baier, Willard E., assignor.)
California Fruit Growers Exchange. (See Drew, Wettermark C., assignor.)
California Fruit Growers Exchange. (See Holton, Homer H., assignor.)
California Fruit Growers Exchange. (See Ruoff, Gustav, assignor.)
California Fruit Growers Exchange. (See Wilson, Clarence W., assignor.)
California Institute of Technology. (See Du Mond, Jesse W. M., assignor.)
California Machinery & Supply Co. (See Ostling, Karl W. S., assignor.)
California Pacific Service, Inc., et al. (See Collins, Calhoun, assignor.)
California Packing Corporation. (See Libbey, Fred N., assignor.)
California Packing Corporation. (See Newton, Robert J., assignor.)
California Portland Cement Company. (See Bechtold, Ira C., assignor.)
California Portland Cement Company. (See Bechtold, I. C., and Kaiser, assignors.)
California Portland Cement Company. (See Kaiser, Harry E., assignor.)
California Spray-Chemical Corporation. (See Gregory, Kenneth, assignor.)
California Spray-Chemical Corporation. (See Volck, William H., assignor.)
Calihan, David M. (See Farrell, W. A., Williams, and Calihan.)
Calini, Gino, Turin, Italy. Expansion valve. 2,224,643; Dec. 10.
Calkins, Albert E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Fractionation of chlorinated ketones by steam distillation. 2,201,259; May 21.
Calkins, Claude C. (See Hunt, L. A., and Calkins.)
Calkins, Claude C., and L. A. Hunt, assignors to Calkins Manufacturing Co., Spokane, Wash. Grain separator. 2,214,920; Sept. 17.
Calkins Manufacturing Co. (See Calkins, C. C., and Hunt, assignors.)
Calkins Manufacturing Company. (See Hunt, L. A., and Calkins, assignors.)
Calkins, William G., Detroit, and C. Breer, Grosse Pointe Park, assignors to Chrysler Corporation, Highland Park, Mich. Splined coupling. 2,198,654; Apr. 30.
Calkins, William G., and A. J. Langhammer, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Porous metal forming apparatus. 2,218,809; Oct. 22.
Calkins, William G., and A. J. Langhammer, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Making porous metal structures and bearings. 2,222,251; Nov. 19.
Call, Albert E. (See Leaming, Silas T., assignor.)
Callaghan, Andrew J., Oak Park, and L. J. McCarthy, Maywood, assignors of one-half to Sears, Roebuck and Co., Chicago, and one-half to American Oil & Grease Corporation, Chicago, Ill. Dispensing container. 2,205,082; June 18.
Callaghan, George H. (See Dewan, Leon, assignor.)
Callaghan, George H., et al. (See Lorenzen, Robert, assignor.)
Callahan, George T., Washington, D. C., assignor to General Railway Signal Company, Rochester, N. Y. Automatic block signaling system for railroads. 2,225,977; Dec. 24.
Callahan, O. L. (See Lamb, Homer M., assignor.)
Callahan, William S., Jacksonville, Fla. Fume digester. 2,201,520; May 21.
Callas, Claude, Ware Shoals, S. C. Top clearer. 2,224,778; Dec. 10.
Callaway, Edward C., Corvallis, Oreg. Food product and making it. 2,224,252; Dec. 10.
Callaway Mills. (See Smith, Loyd A., assignor.)
Callejo, Modesto, Bronx, assignor to Bidoro Manufacturing Co. Inc., Mount Vernon, N. Y. Vacuum breaker valve. 2,209,189; July 23.
Callender's Cable and Construction Company. (See Brazier, L. G., Hamilton, and Vincent, assignors.)
Callender's Cable and Construction Company Limited. (See Hill, H., and Rose, assignors.)
Callender's Cable and Construction Company Limited. (See Lunt, Robert W., assignor.)
Callender's Cable and Construction Company Limited. (See Osborne, Thomas L., assignor.)
Callender's Cable and Construction Company Limited. (See Osborne, T. L., and Allcock, assignors.)
Calleo, John J., Lodi, N. J. Sanitary comb cleaning device. 2,202,516; May 28.
Callihan, Walter G., Russell, Ky. Air circulating fan. 2,223,672; Dec. 3.
Callite Tungsten Corporation. (See Kurtz, Jacob, assignor.)
Calloy Limited. (See Kirsebom, Gustaf N., assignor.)
Cally, Benjamin H., Miami, Fla. Solar water heater. 2,208,789; July 23.
Calorider Corporation, The. (See Downs, Charles R., assignor.)
Calorider Corporation, The. (See Downs, C. R., and Spiselman, assignors.)
Calorider Corporation, The. (See Weiss, John M., assignor.)
Calva, Jose B., Minneapolis, Minn. Treating animal pelts. 2,211,645; Aug. 13.

Calva, Jose B., St. Paul, Minn., assignor, by mesne assignments, to Waldorf Paper Products Company. Container and making the same. 2,188,497; Jan. 30.
Calvert, Kuhn, Chauk, Burma, India. Bullet type casing perforator. 2,200,487; May 14.
Calvert, Sumter, Chicago, Ill. Sound recorder. 2,205,058; June 18.
Calvert, William C., Chicago, Ill., assignor to Wingfoot Corporation, Wilmington, Del. Age resistor. 2,226,803; Dec. 31.
Cambridge, Allan S., Dalrachney Station, Omarama, New Zealand. Adjusting the cutter bars of mowing machines. 2,197,295; Apr. 16.
Cambridge, Allan S., Dalrachney Station, Omarama, New Zealand. Adjusting the cutter bars of mowing machines. 2,210,794; Aug. 6.
Camden, Henry J., Jackson, Mich. Wringer mop. 2,201,079; May 14.
Cameron, Allan M., Oak Park, assignor to Cameron Can Machinery Co., Chicago, Ill. Vacuum can closing machine. 2,188,939; Feb. 6.
Cameron, Allan M., Oak Park, assignor to Cameron Can Machinery Co., Chicago, Ill. Lock seam soldering attachment. 2,203,403; June 4.
Cameron, Allan M., assignor to Cameron Can Machinery Co., Chicago, Ill. Blank feeding and flexing mechanism. 2,223,599; Dec. 3.
Cameron Can Machinery Co. (See Cameron, Allan M., assignor.)
Cameron, Donald G., Lynn, Mass., assignor to General Electric Company. Timeswitch. 2,212,386; Aug. 20.
Cameron, Donald G., Lynn, Mass., assignor to General Electric Company. Time switch. 2,212,387; Aug. 20.
Cameron, Earl R., Sr., Charleston, W. Va. Apparatus for spraying and casing wells. 2,207,478; July 9.
Cameron, Frank A. (See Perry, E. E. and Cameron.)
Cameron Iron Works. (See Abercrombie, James S., assignor.)
Cameron Iron Works. (See Allen, Herbert, assignor.)
Cameron Iron Works. (See Allen, H., and Works, assignors.)
Cameron, Joseph A., Montreal, Quebec, Canada. Two-wheel car truck. 2,190,539; Feb. 13.
Cameron, L. Orville. (See Haines, Charles L., assignor.)
Cameron Machine Company. (See Johnstone, Robert M., assignor.)
Cameron, Wm., & Company. (See Johnston, William D., assignor.)
Cameron, William J. (See Bradford, Thomas, assignor.)
Camerota, Louis A., Burlington, assignor to Florence Pipe Foundry & Machine Company, Florence, N. J. Valve construction. 2,205,788; June 25.
Camerota, Louis A., Burlington, assignor to Florence Pipe Foundry & Machine Company, Florence, N. J. Shutoff valve and the like. 2,211,318; Aug. 13.
Camerota, Louis A., Burlington, assignor to Florence Pipe Foundry & Machine Company, Florence, N. J. Valve device. 2,211,319; Aug. 13.
Camerota, Louis A., Burlington, assignor to Florence Pipe Foundry & Machine Company, Florence, N. J. Valve actuation. 2,214,271; Sept. 10.
Camilli, Guglielmo, Pittsfield, Mass., assignor to General Electric Company. Transformer. 2,185,831; Jan. 2.
Camillus Cutlery Company. (See Share, Maurice S., assignor.)
Camillus Cutlery Company. (See Share, M., and Wallace, assignors.)
Caminez, Harold, Kew Gardens, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Inserting tool. 2,210,061; Aug. 6.
Camoe Curtains, Inc. (See Rosenberg, Bernard, assignor.)
Camp, Eugene V., Atlanta, Ga. Highway guardrail construction. 2,196,290; Apr. 9
Camp, Eugene V., Atlanta, Ga. Highway guardrail. 2,213,239; Sept. 3.
Camp, Fred A., Akron, assignor of one-fourth to J. R. Buechler, Canton, and one-half to W. L. Jones, Massillon, Ohio. Electrical ignition system for gas stoves. 2,212,875; Aug. 27.
Camp, Harry J., Enfield, and C. Watson, Chingford, London, England. Belt lacing apparatus. 2,196,956; Apr. 9.
Camp, Henry P. (See Jeffords, A. H. B., and Camp.)
Camp, Thomas P. (See King, G. D., and Camp.)
Camp, Thomas P., Glen Ellyn, assignor to United States Gypsum Company, Chicago, Ill. Gypsum composition. 2,207,339; July 9.
Camp, Thomas P., Glen Ellyn, and J. Page, Evanston, assignors to United States Gypsum Company, Chicago, Ill. Manufacture of wallboard having a cementitious core. 2,200,155; May 7.
Campa, Alexander, assignor to Caradine Hat Company, St. Louis, Mo. Headwear manufacture. 2,207,910; July 16.
Campbell, Albert B., assignor to A. J. Sumkowski, Chicago, Ill. Lather producing machine. 2,191,450; Feb. 27.
Campbell, Albert W. (See Dyer, F. C., and Campbell.)
Campbell, Andrew G., Cleveland, Ohio, assignor to General Motors Corporation, Detroit, Mich. Coach lock safety catch. 2,194,005; Mar. 19.
Campbell, Andrew H., Fountain City, Tenn. Lawn mower attachment. 2,193,712; Mar. 12.
Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Load discharging car. 2,197,237; Apr. 16.
Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Railway dump car construction. 2,206,938; July 9.
Campbell-Buchanan Corporation. (See Campbell, Leon J., assignor.)
Campbell, Calvin, Littleton, assignor, by mesne assignments, to M. J. McAneny, Jr., Denver, Colo. Tool for applying hose clamps. 2,208,114; July 16.
Campbell, Charles, London, England, assignor to International Business Machines Corporation, New York, N. Y. Multiplying machine. 2,199,537; May 7.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Filter. 2,189,704; Feb. 6.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Sander. 2,196,976; Apr. 16.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Sander. 2,196,978; Apr. 16.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,197,092; Apr. 16.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,198,426; Apr. 23.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,198,760; Apr. 30.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Pop valve. 2,201,363; May 21.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Lubricator. 2,204,119; June 11.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,209,258; July 23.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Sanding mechanism. 2,222,604; Nov. 26.
Campbell, Charles A., and L. A. Safford, Watertown, N. Y., assignors to The New York Air Brake Company. Sander. 2,196,977; Apr. 16.
Campbell, Charles M., assignor to P. Campbell, New York, N. Y. Rubber bristled toothbrush. 2,225,331; Dec. 17.
Campbell, Chester C., West Orange, N. J., assignor to Otis Elevator Company, New York, N. Y. Elevator car enclosure. 2,206,075; July 2.
Campbell, Clarence B., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cylinder supporting arrangement. 2,190,170; Feb. 13.
Campbell, Donald J., Spring Lake Township, Ottawa County, Mich. Molding machine. 2,191,451; Feb. 27.
Campbell, Donald J., Spring Lake Township, Ottawa County, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Camshaft treating machine. 2,190,931; Feb. 20.
Campbell, Donald J., Muskegon Heights, assignor of one-half to J. F. Campbell, and one-fourth to Islay Investment, Incorporated, Muskegon, Mich. Apparatus for power generation. 2,196,979; Apr. 16.
Campbell, Donald J., Muskegon Heights, assignor of one-half to J. F. Campbell, and one-fourth to Islay Investment, Incorporated, Muskegon, Mich. Engine. 2,196,980; Apr. 16.
Campbell, Donald J., assignor of one-half to J. F. Campbell, and one-fourth to Islay Investment, Incorporated, Muskegon, Mich. Engine. 2,202,480; May 28.
Campbell, Donald J., Spring Lake Township, Ottawa County, and C. W. Dake, Grand Haven, assignors to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Making brake drums. 2,218,810; Oct. 22.
Campbell, Duncan. (See Jamieson-Craig, Thomas, assignor.)
Campbell, George E., assignor to The Wheland Company, Chattanooga, Tenn. Water cylinder liner retainer and packing gland for pumps. 2,198,301; Apr. 23.
Campbell, George E., assignor to The Wheland Company, Chattanooga, Tenn. Duplex steam motor. 2,216,639; Oct. 1.
Campbell, George J., Jr., assignor to International Chain & Manufacturing Company, York, Pa. Forming chain links. 2,191,441; Feb. 27.
Campbell, George M., Kansas City, Mo. Panel regulating apparatus. 2,190,976; Feb. 20.
Campbell, Harris S., Willow Grove, Pa., assignor, by mesne assignments, to Autogiro Company of America. Rotary winged aircraft. 2,201,810; May 21.
Campbell, Harris S., Bryn Athyn, Pa., assignor, by mesne assignments, to Autogiro Company of America. Rotary-winged aircraft. 2,203,012; June 4.
Campbell, Harry A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Seat back cushion. 2,205,465; June 25.
Campbell, Harry C., assignor of forty-five per cent to G. Edwards and fifteen per cent to J. P. Danks, Youngstown, Ohio. Artificial foot. 2,197,093; Apr. 16.

Campbell, Harry L., assignor to American Hoist and Derrick Company, St. Paul, Minn. Snowplow shoe. 2,202,309; May 28.
Campbell, Henry H., Cleveland, Ohio. Indicator and computing mechanism. 2,220,863; Nov. 5.
Campbell, Henry L., Coulee City, assignor of one-half to H. C. Lewis, Mazama, Wash. Lifter. 2,204,843; June 18.
Campbell, Homer P., assignor to The Key-Tag Checking System Company, Cleveland, Ohio. Collar ironing device. 2,192,786; Mar. 5.
Campbell, Jackson L., Wichita, Kans., assignor to Sears, Roebuck and Co., Chicago, Ill. Air cooled continuous absorption refrigerating unit. 2,210,898; Aug. 13.
Campbell, Jackson L., Wichita, Kans., assignor, by mesne assignments, to Sears, Roebuck and Co., Chicago, Ill. Absorption means and refrigerating system. 2,210,899; Aug. 13.
Campbell, James F., et al. (See Campbell, Donald J., assignor.)
Campbell, James L., Jr., and H. M. Dorsey, Jr., Atlanta, Ga. Combination bottle closure and liquid dispenser. 2,204,471; June 11.
Campbell, John, New York, N. Y. Pocket case. 2,194,067; Mar. 19.
Campbell, John H., Fyffe, Ala. Time setting attachment for radios. 2,223,245; Nov. 26.
Campbell, John S., Pittsburgh, Pa. Sweeper dust bag. 2,203,254; June 4.
Campbell, Joseph A., Jr. (See Bray, U. B., and Campbell.)
Campbell, Joseph A., Jr., Manhattan Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Treating oils. 2,218,519; Oct. 22.
Campbell, Joseph J., Washington, D. C. Photo printing and drying device. 2,225,530; Dec. 17.
Campbell, Julian A., Long Beach, Calif. Boiler feed water control. 2,207,214; July 9.
Campbell, Kenneth, Radburn, N. J., assignor to Wright Aeronautical Corporation. Cowling for radial aircraft engines. 2,217,858; Oct. 15.
Campbell, Lant, et al. (See Boyd, Thomas H., assignor.)
Campbell, Layard L., Bronxville, N. Y. Coaster. 2,215,633; Sept. 24.
Campbell, Leon J., assignor to Campbell-Buchanan Corporation, Chicago, Ill. Clutch mechanism. 2,208,747; July 23.
Campbell, Lois F., assignor to Treo Company, Inc., New York, N. Y. Girdle. 2,193,444; Mar. 12.
Campbell, Lorn, Jr. (See Campbell, L., Jr., and von Haase, assignors.)
Campbell, Lorn, Jr., and A. von Haase, Lakewood, Ohio, assignors, by mesne assignments, to said Campbell, Jr. Mechanical stoker. 2,191,270; Feb. 20.
Campbell, Lorn, Jr., and A. von Haase, Lakewood, Ohio, assignors, by mesne assignments, to Lorn Campbell, Jr. Automatic control for fuel feed and draft regulating mechanisms. 2,211,810; Aug. 20.
Campbell, Neil L., assignor to Mannington Mills, Incorporated, Salem, N. J. Felt base floor covering and making the same. 2,207,851; July 16.
Campbell, Pauline. (See Campbell, Charles M., assignor.)
Campbell, Ralph, and F. H. Nass, assignors to Detroit Testing Machine Company, Detroit, Mich. Hardness testing machine. 2,203,129; June 4.
Campbell, Reed, and J. J. Matthews, Taft, Calif; said Matthews assignor to said Campbell. Arm for handling drop center tires on weaver tire machines. 2,209,713; July 30.
Campbell, Richard L., Hasbrouck Heights, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Television transmitting system. 2,207,048; July 9.
Campbell, Richard L., Hasbrouck Heights, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Synchronizing generator. 2,209,507; July 30.
Campbell, Rouel R., Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Edge binding machine. 2,224,139; Dec. 10.
Campbell, Sterling H., and F. H. Pietzsch, assignors to Western Railway Equipment Company, St. Louis, Mo. Manufacturing floor clips. 2,210,062; Aug. 6.
Campbell, Sterling H., and F. H. Pietzsch, assignors to Western Railway Equipment Company, St. Louis, Mo. Defect card holder. 2,210,063; Aug. 6.
Campbell, Thomas A., Chuquicamata, Chile, assignor to Chile Exploration Company, New York, N. Y. Hydrometallurgical process. 2,188,472; Jan. 30.
Campbell, Thomas C. (See Balch, R. H., Campbell, and Grant.)
Campbell, Walter J., Providence, R. I. Furnace. 2,226,048; Dec. 24.
Campbell, Willard H., assignor of one-half to J. E. Roessner, Indianapolis, Ind. Railroad tie. 2,193,161; Mar. 12.
Campbell, William S., Glenside, Pa., assignor to Link-Belt Company. Resilient flexible coupling. 2,227,333; Dec. 31.
Campbell, Wyant & Cannon Foundry Company. (See Campbell, Donald J., assignor.)
Campbell, Wyant & Cannon Foundry Company. (See Campbell, D. J., and Dake, assignors.)
Campbell, Wyant and Cannon Foundry Company. (See Dake, Charles W., assignor.)
Campen, Joshua E., Prospect Park, Pa. Measuring instrument. 2,217,859; Oct. 15.
Campfield, Richard E., Richmond, Ind. Raggle block. 2,226,369; Dec. 24.
Campion, George H., and H. T. Dahlgren, assignors to Teletype Corporation, Chicago, Ill. Magnetic gauge. 2,223,815; Dec. 3.
Campolunghi, Giovanni, assignor to Societa Anonima Minerva, Rome, Italy. Manufacture of thread bands from artificial silk. 2,192,465; Mar. 5.
Campos, Louis H., New York, N. Y. Knife. 2,213,064; Aug. 27.
Canaan, Hans F., assignor to J. M. Voith, Heidenheim-on-the-Brenz, Germany, a copartnership. Control means for fluid power transmitters. 2,186,956; Jan. 16.
Canada Paper Company. (See McCarthy, J. L., Hibbert, and Tomlinson, assignors.)
Canaday, Siesel E., New York, N. Y., assignor to Novadel-Agene Corporation. Beer keg. 2,193,445; Mar. 12.
Canadian Industries Limited. (See Aitken, R. G., and Warrington, assignors.)
Canadian Industries Limited. (See Richardson, Creighton E., assignor.)
Canadian Refractories Limited. (See Goudge, Monson F., assignor.)
Canadian Refractories Limited. (See Lathe, F. E., Pitt, and Hodnett, assignors.)
Canadian Refractories Limited. (See Pitt, N. P., and Baker, assignors.)
Canadian Refractories Limited. (See Pitt, N. P., and Gallay, assignors.)
Canadian Refractories Limited. (See Stewart, Daniel W., assignor.)
Canady, Don, Cleveland, Ohio. Film speed equalizer. 2,198,403; Apr. 23.
Canal National Bank of Portland, trustee, The. (See Shepard, Ernest L., assignor.)
Canal National Bank, The, trustee. (See Randal, W. H., Parsons, and Schwertfeger, assignors.)
Canales, Antonio B. (See Fleming, A. M., and Canales.)
Candee, Allan H. (See Wildhaber, E., Candee, and Witham.)
Candee, Allan H., Rochester, and E. Wildhaber, Irondequoit, assignors to Gleason Works, Rochester, N. Y. Relief grinding cutter blades. 2,186,362; Jan. 9.
Candee, Allan H., and G. O. Richmond, assignors to Gleason Works, Rochester, N. Y. Dressing mechanism. 2,186,363; Jan. 9.
Candee, Allan H., Rochester, and E. Wildhaber, Irondequoit, assignors to Gleason Work, Rochester, N. Y. Gear cutter. 2,218,786; Oct. 22.
Candler, George L., and W. D. Albright, Sharon, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Impulse voltage testing equipment. 2,185,292; Jan. 2.
Candlin, James E., Jr. (See Thunstrom, N. A., and Candlin.)
Candor, Robert R., assignor to General Motors Corporation, Dayton, Ohio. Grille. 2,210,023; Aug. 6.
Candor, Robert R., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,227,244; Dec. 31.
Candy, Albert T., Jr., Glen Ellyn, assignor to Candy & Company, Inc., Chicago, Ill. Sanctuary lamp. 2,189,746; Feb. 6.
Candy, Albert T., Jr., Glen Ellyn, assignor to Candy & Company, Inc., Chicago, Ill. Sanctuary lamp. 2,214,991; Sept. 17.
Candy & Company. (See Candy, Albert T., Jr., assignor.)
Canepa, John B., Company, The. (See Tanzi, Mario, assignor.)
Canetta, John. (See Cook, E. S., and Canetta.)
Canfield, Gerald L. (See Rankin, Armand T., assignor.)
Canfield, Harry R., assignor to The Clark Controller Company, Cleveland, Ohio. Electric spot welding system. 2,220,394; Nov. 5.
Canfield, Jesse J., and G. W. McGohan, assignors to The American Rolling Mill Company, Middletown, Ohio. Coating metal articles. 2,206,597; July 2.
Canfield, Joseph P., et al. (See Barrington, J. W., and White, assignors.)
Canfield, Kendall E., Manhasset, N. Y., assignor to Differential Wheel Corporation. Dual wheeled vehicle. 2,213,383; Sept. 3.
Canfield, Robert H., and H. F. Kaiser, Washington, D. C., R. A. Gezelius, Somerville, N. J., and H. S. Jerabek, Minneapolis, Minn. Carbon-free alloy. 2,215,459; Sept. 24.
Canfield, Robert W., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Suction cup glass feeding mechanism and method. 2,224,759; Dec. 10.
Canfield Rubber Company. (See Warren, Harold C., assignor.)
Canfield, Virgil D., Vashon, Wash. Hand-operated food chopper. 2,216,936; Oct. 8.
Canfix Corporation. (See Marchese, Albert J., assignor.)
Canine, Harry C., Kentland, Ind. Dispensing apparatus. 2,224,509; Dec. 10.
Canister Company, The. (See Kernahan, Martin P., assignor.)
Cannard, William H., Green Bay, Wis. Plaited crepe forming mechanism. 2,197,447; Apr. 16.
Cannell, Paul J., Hastings, Nebr. Ring gate structure. 2,200,667; May 14.
Canning Industry Research, Inc. (See Christel, William F., assignor.)

Canning Industry Research, Inc. (See Martin, William McK., assignor.)
Cannon, C. E. (See Johnson, Carl R., assignor.)
Cannon, Curtis W. (See Rich, R. C., and Cannon.)
Cannon, Dana A., Sacramento, Calif. Ceramic flux. 2,207,911; July 16.
Cannon, Earl. (See Hawley, J. B., Jr., Nelson, Hallberg, and Cannon.)
Cannon, Earl, Rockville Centre, assignor to E. W. Bliss Company, Brooklyn, N. Y. Prefill valve for hydraulic presses. 2,187,371; Jan. 16.
Cannon, Earl, Rockville Centre, N. Y., assignor, by mesne assignments, to Reconstruction Finance Corporation, Minneapolis, Minn. Control system for hydraulic power transmission units. 2,211,406; Aug. 13.
Cannon, Eugene F., and F. E. Croy, Alexandria, Va. Sash balance and lock. 2,209,293; July 23.
Cannon, Francis J., Highland, N. Y. Manufacturing bricks and the like. 2,226,966; Dec. 31.
Cannon, Frank H. (See Wassell, H. J. H., and Cannon.)
Cannon, George E., Houston, Tex., assignor to Standard Oil Development Company. Drilling fluid for combating heaving shale. 2,191,312; Feb. 20.
Cannon, George E., Houston, Tex., assignor to Standard Oil Development Company. Cementing wells. 2,206,389; July 2.
Cannon, George E., and J. L. Foster, Houston, Tex., assignors to Standard Oil Development Company. Cement and cementing operation. 2,188,767; Jan. 30.
Cannon, Harry. (See Kneale, R. D., and Cannon.)
Cannon, Michael R. and K. A. Varteressian, State College, Pa. Treating mineral oils. 2,214,401; Sept. 10.
Cannon, Phillip D., Bound Brook, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Ironing pad and assembly. 2,191,092; Feb. 20.
Cannon, Robert B., et al. (See Gladish, John M., assignor.)
Cannon, Wilford Y., Salt Lake City, Utah. Ear phone. 2,220,208; Nov. 5.
Cannon, William D., Metuchen, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. System for eliminating crossfire in telegraphic circuits. 2,216,545; Oct. 1.
Cannon, William W., and J. Hurwitz, assignors, by mesne assignments, to S. R. Sperans, New York, N. Y. Beverage dispensing device. 2,197,142; Apr. 16.
Cannon, William W., and J. Hurwitz, assignors, by mesne assignments, to S. R. Sperans, New York, N. Y. Beverage dispensing apparatus. 2,197,143; Apr. 16.
Cantelo, Robert C., Hammond, Ind., assignor to Sinclair Refining Company, New York, N. Y. Lubricating oil. 2,204,660; June 18.
Cantelo, Robert C., Hammond, Ind., assignor to Sinclair Refining Company, New York, N. Y. Lubricating oil. 2,204,661; June 18.
Canter, Morris. (See Rubinoff, Mark, assignor.)
Canter, Morris, New York, N. Y. Hand closed interlocking safety seal. 2,204,662; June 18.
Canterbury, Harry H., Whittier, Calif. Mouthpiece facing machine. 2,225,154; Dec. 17.
Cantil, George, Great Neck, N. Y. Shirt suit. 2,208,115; July 16.
Cantin, Eugene J., New York, N. Y. Multiple unit filter. 2,220,706; Nov. 5.
Canton Corrugated Box Company, The. (See Vandervort, Paul F., assignor.)
Cantoni, Humbert D. J., assignor to Mawen S. A., Paris, France. Radial cylinder engine. 2,217,669; Oct. 15.
Cantoni, René, Ugine, assignor to Société d'Electrochimie, d'Electrométallurgie et des Acieries Electriques d'Ugine, Paris, France. Pouring nozzle. 2,193,365; Mar. 12.
Cantor, Irvin A., New York, N. Y. Photographic enlarging apparatus. 2,188,622; Jan. 30.
Cantor, Nathaniel, Brooklyn, N. Y. Container or package handle. 2,196,055; Apr. 2.
Cantor, Sidney M., Riverside, Ill., assignor to Corn Products Refining Company, New York, N. Y. Production of dextrose from starch. 2,203,325; June 4.
Cantrell, Steven R., et al. (See Bristol, G., and Wilsher, assignors.)
Cantrell, Troy L. (See Smith, H. G., and Cantrell.)
Cantrell, Troy L., Lansdowne, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Lubricant containing di-isobutyl phenol. 2,195,510; Apr. 2.
Cantrell, Troy L., Lansdowne, Pa., and J. O. Turner, Bartlesville, Okla., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Lubrication of alloy bearings. 2,190,648; Feb. 20.
Cantrell, Troy L., and J. S. Stockhardt, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Lubricating oil compositions, constituents thereof, and manufacturing the same. 2,214,875; Sept. 17.
Cantrell, Troy L., and J. O. Turner, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Lubricating oil composition, inhibitor therefor, and manufacturing the same. 2,226,334; Dec. 24.
Cantrell, Troy L., and J. O. Turner, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Lubricating oil composition, constituent thereof, and manufacturing the same. 2,226,335; Dec. 24.
Cantrell, Troy L., and J. O. Turner, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Manufacturing inhibitors for lubricating oil compositions. 2,226,336; Dec. 24.
Capaldo, Louis A., New York, N. Y. Umbrella. 2,187,372; Jan. 16.
Cape, Arthur T., and C. V. Foerster, Santa Cruz, Calif. Ferrous alloys. 2,189,131; Feb. 6.
Cape, Arthur T., and C. V. Foerster, Santa Cruz, Calif. Ferrous alloy. 2,208,116; July 16.
Cape, Arthur T., and C. V. Foerster, Santa Cruz, Calif. Ferrous alloy. 2,208,117; July 16.
Cape, Arthur T., and C. V. Foerster, Santa Cruz, Calif. Ferrous alloy. 2,208,118; July 16.
Cape Cod Instrument Company. (See Woodward, W. L., and Limb, assignors.)
Capen, John M., Lakewood, assignor of one-half to D. R. Bohm, Jr., Cleveland, Ohio. Brake control unit for fluid-operated brake. 2,220,620; Nov. 5.
Caplan, Sidney, Toronto, Ontario, Canada. Shoe heel and shank. 2,192,026; Feb. 27.
Caplan, Solomon, New York, N. Y. Polymerization with an alkyl phosphate polymerizing agent. 2,223,548; Dec. 3.
Capocefalo, Edward A., assignor to Syracuse Supply Company, Syracuse, N. Y. Variable speed transmission. 2,195,952; Apr. 2.
Caponey, Anthony S., Trenton, N. J. Automatic safety vehicle door locking device. 2,185,909; Jan. 2.
Capouch, Myron E., Evanston, Ill., assignor to The American Steel and Wire Company of New Jersey. Expansion joint. 2,197,786; Apr. 23.
Cappel, Curry G., New Orleans, La. Pile. 2,204,924; June 18.
Cappel, Curry G., assignor to W. Horace Williams Company, Inc., New Orleans, La. Protecting piles. 2,191,248; Feb. 20.
Cappel, Herman C. (See Nyberg S., and Cappel.)
Cappel, Jack T., Alexandria, La. Anesthesia pillow. 2,199,479; May 7.
Capps, Frank L., New York, N. Y. Recording stylus. 2,187,512; Jan. 16.
Capps, Lilian. (See Dean, Dick D., assignor.)
Capps, Washington T., Baltimore, Md., assignor to The Standard Stoker Company, Incorporated. Stoker and fuel distributor therefor. 2,213,334; Sept. 3.
Caprio, Amerigo F., Madison, and H. E. Smith, Short Hills, N. J., assignors to Celluloid Corporation. Making decorative material. 2,205,466; June 25.
Caproni, Gianni, Milan, Italy. Submarine boat. 2,187,074; Jan. 16.
Caproni, Gianni, Milan, Italy. Coaxial propeller drive. 2,190,254; Feb. 13.
Caps, Arthur W. (See Landrock, P., and Caps.)
Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic color film and process. 2,191,038; Feb. 20.
Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Color process and camera therefor. 2,203,651; June 4.
Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Film processing machine. 2,210,880; Aug. 13.
Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Lenticular color photography. 2,210,881; Aug. 13.
Capstan Glass Company. (See Errett, John W., assignor.)
Capstan Glass Company. (See McNamara, William L., assignor.)
Capstick, William A. (See Vogel, R. C., Coblentz, and Capstick.)
Caputo, Antonio D., Pittsburgh, Pa. Tunneling apparatus. 2,196,100; Apr. 2.
Caputo, James V., Girard, Ohio. Apparatus for welding. 2,198,264; Apr. 23.
Caputo, James V., Girard, Ohio. Apparatus for electric welding. 2,198,265; Apr. 23.
Caputo, James V., Crafton, Pa. Pipe welding. 2,202,898; June 4.
Caputo, James V., Crafton, Pa. Welding electrode. 2,205,680; June 25.
Caputo, James V., Crafton, Pa. Welding apparatus. 2,205,681; June 25.
Caputo, James V., Crafton, Pa. Motor control system. 2,206,496; July 2.
Caputo, James V., Crafton, Pa. Welding apparatus. 2,206,497; July 2.
Caquot, Albert I., Paris, France. Vibrating device. 2,204,472; June 11.
Caradine Hat Company. (See Campa, Alexander, assignor.)
Carathers, Floyd M., assignor to Lacy Products Corp., Chicago, Ill. Hot cup. 2,223,780; Dec. 3.
Carbide and Carbon Chemicals Corporation. (See Boese, Albert B., Jr., assignor.)
Carbide and Carbon Chemicals Corporation. (See Carnes, Herman W., assignor.)
Carbide and Carbon Chemicals Corporation. (See Cox, H. L., and Matlack, assignors.)
Carbide and Carbon Chemicals Corporation. (See Currie, L. M., and Merrill, assignors.)
Carbide and Carbon Chemicals Corporation. (See Ferris, C. R., and Carte, assignors.)
Carbide and Carbon Chemicals Corporation. (See Fife, Harvey R., assignor.)
Carbide and Carbon Chemicals Corporation. (See Law, George H., assignor.)
Carbide and Carbon Chemicals Corporation. (See Law, G. H., and Chitwood.)

Carbide and Carbon Chemical Corporation. (See McNamee, R. W., Chitwood, and Law, assignors.)
Carbide and Carbon Chemicals Corporation. (See Ostromislensky, Iwan, assignor.)
Carbide and Carbon Chemicals Corporation. (See Ray, A. B., and Logan, assignors.)
Carbide and Carbon Chemicals Corporation. (See Reichart, Howard L., Jr., assignor.)
Carbide and Carbon Chemicals Corporation. (See Robertson, Harold F., assignor.)
Carbide and Carbon Chemical Corporation. (See Russ, J. M., Jr., and Fife, assignors.)
Carbide and Carbon Chemicals Corporation. (See Smith, Carleton N., assignor.)
Carbide and Carbon Chemicals Corporation. (See Smith, Omar H., assignor.)
Carbide and Carbon Chemicals Corporation. (See Toussaint, Walter J., assignor.)
Carbide and Carbon Chemicals Corporation. (See Vaughn, Thomas H., assignor.)
Carbide and Carbon Chemicals Corporation. (See Whaley, Fred R., assignor.)
Carbide and Carbon Chemicals Corporation. (See Whaley, F. R., and Lamprey, assignors.)
Carbide and Carbon Chemicals Corporation. (See Wilkes, Benjamin G., assignor.)
Carbide and Carbon Chemicals Corporation. (See Yngve, Victor, assignor.)
Carbo-Norit Verwaltungs-Gesellschaft m. b. H. (See Wisfeld, Werner, assignor.)
Carbobronze Röhrenwerk Gesellschaft m. b. H. (See Bartosch, Wolfgang, assignor.)
Carboloy Company. (See Engle, Edgar W., assignor.)
Carboloy Company. (See Engle, E. W., and Duncan, assignors.)
Carbon Systems, Inc. (See Brisendine, Guy F., assignor.)
Carbonara, Pasquale. Uniontown, Pa. Miner's lantern. 2,187,539; Jan. 16.
Carbonara, Victor E., Rockville Centre, assignor to P. Kollsman, Elmhurst, N. Y. Thermionic relay. 2,225,032; Dec. 17.
Carborundum Company, The. (See Aust, Joseph B., assignor.)
Carborundum Company, The. (See Ball, Albert L., assignor.)
Carborundum Company, The. (See Benner, R. C., and Ball, assignors.)
Carborundum Company, The. (See Benner, R. C., and Easter, assignors.)
Carborundum Company, The. (See Benner, R. C., and McMullen, assignors.)
Carborundum Company, The. (See Benner, R. C., and Melton, assignors.)
Carborundum Company, The. (See Benner, R. C., Melton, and Kirchner, assignors.)
Carborundum Company, The. (See Benner, R. C., and Soley, assignors.)
Carborundum Company, The. (See Boyer, John A., assignor.)
Carborundum Company, The. (See Boyer, J. A., and Rose, assignors.)
Carborundum Company, The. (See Dahlstrom, Eric P., assignor.)
Carborundum Company, The. (See Fitz-Randolph, William P., assignor.)
Carborundum Company, The. (See Geiger, C. F., Clapp, and Kempf, assignors.)
Carborundum Company, The. (See Higby, Kenneth W., assignor.)
Carborundum Company, The. (See Jackson, George H., assignor.)
Carborundum Company, The. (See Kirchner, Henry P., assignor.)
Carborundum Company, The. (See Kirchner, H. P., and Wooddell, assignors.)
Carborundum Company, The. (See Logan, I. M., and McMullen, assignors.)
Carborundum Company, The. (See McMullen, John C., assignor.)
Carborundum Company, The. (See Melton, R. L., Benner, and Kirchner, assignors.)
Carborundum Company, The. (See Rickard, G. B., and Kirchner, assignors.)
Carborundum Company, The. (See Robie, Norman P., assignor.)
Carborundum Company, The. (See Smith, Robert L., assignor.)
Carborundum Company, The. (See Thompson, Almer J., assignor.)
Carborundum Company, The. (See Tone, Frank J., assignor.)
Carborundum Company, The. (See Williamson, John A., assignor.)
Carb-O-Spot Corporation. (See Boyd, Donald L., assignor.)
Carchidi, James, Kingston, N. Y. Belt tread for tractors and the like. 2,219,221; Oct. 22.
Card, Charles S., assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Clamp keeper clip. 2,199,370; Apr. 30.
Card, Frederic M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Ornamental stitch sewing machine. 2,216,096; Sept. 24.
Card, John F., Gladstone, Mich. Regulator for engine driven generators. 2,226,705; Dec. 31.
Card, John L., assignor to Federal Tin Company, Inc., Baltimore, Md. Apparatus for clinching lift levers to cans. 2,225,549; Dec. 17.
Card, William C., Jr., Winthrop, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Fluid applicator for stitching machines. 2,217,331; Oct. 8.
Cardinal, Gerald L., assignor of one-half to J. R. Hinton, Floydada, Tex. Hydraulic water lift. 2,191,424; Feb. 20.
Cardinal, Oliver V. (See Evans, J. M., Cardinal, and Nampa.)
Cardinal Products, Inc. (See Schmitt, George P., assignor.)
Cardini, George, Bristol, Conn. Hand grenade. 2,216,587; Oct. 1.
Cardis, Wilford, et al. (See Sullivan Martin E., assignor.)
Cardox Corporation. (See Armstrong, Frank H., assignor.)
Cardox Corporation. (See Ensminger, Harry, assignor.)
Cardox Corporation. (See Geertz, Eric, assignor.)
Cardox Corporation. (See Sandoe, Clarence J., assignor.)
Cardwell, Allen D., Rockville Centre, and R. R. Batcher, St. Albans, N. Y., assignors to Allen D. Cardwell Manufacturing Corporation. Electrical therapeutic apparatus and method. 2,223,350; Dec. 3.
Cardwell, Allen D., Manufacturing Corporation. (See Cardwell, A. D., and Batcher, assignors.)
Cardwell, Harland W., Wichita, Kans. Well spudding apparatus. 2,188,455; Jan. 30.
Cardwell, Harland W., assignor to Cardwell Manufacturing Company, Inc. Friction clutch. 2,213,361; Sept. 3.
Cardwell, Harland W., assignor to Cardwell Manufacturing Company, Inc. Drilling apparatus. 2,213,362; Sept. 3.
Cardwell Manufacturing Company. (See Cardwell, Harland W., assignor.)
Cardwell-Westinghouse Company. (See Hall, Joseph M., assignor.)
Cardwell Westinghouse Company. (See Sproul, Donald F., assignor.)
Care, Arthur J. P., Toronto, Ontario, Canada. Plastic composition. 2,188,199; Jan. 23.
Carelli, Sam, assignor to D. M. Shuman, Atlanta, Ga. Grooving tool. 2,205,343; June 18.
Carew, Herman, Easton, Pa., assignor to Dixie-Vortex Company, Chicago, Ill. Container and blank therefor. 2,187,769; Jan. 23.
Carew, Herman, Easton, Pa., assignor to Dixie-Vortex Company, Chicago, Ill. Making a container. 2,194,275; Mar. 19.
Carew, Paul T., and W. F. Werner, Orange, N. J. Solenoid cryptographic typewriter. 2,190,649; Feb. 20.
Carew, Paul T., and W. F. Werner, Orange, N. J. Double solenoid. 2,190,650; Feb. 20.
Carey, Edward S., Whitestone, assignor to American District Telegraph Company, New York, N. Y. Waterfront protection system. 2,212,200; Aug. 20.
Carey, James S. (See Gary, W. W., and Carey.)
Carey, Joseph P. (See Kunz, W. J., and Carey.)
Carey, Lawrence W., Dexter, assignor to Precision Instruments, Inc., Ann Arbor, Mich. Miniature camera. 2,198,602; Apr. 30.
Carey-McFall Company. (See Stuber, Walter J., assignor.)
Carey, Philip, Manufacturing Company, The. (See Fischer, Albert C., assignor.)
Carey, Philip, Manufacturing Company, The. (See Johnston, George B., assignor.)
Carey, Philip, Manufacturing Company, The. (See Malcolm, Vincent V., assignor.)
Carey, Philip, Manufacturing Company, The. (See Marc, H., and Greider, assignors.)
Carey, Philip, Manufacturing Company, The. (See Miller, Harley H., assignor.)
Carey, Philip, Manufacturing Company, The. (See Moeller, William J., assignor.)
Carey, Philip, Manufacturing Company, The. (See Moeller, W. J., Greider, and Smith, assignors.)
Carey, Philip, Manufacturing Company, The. (See Petricoff, Boris J., assignor.)
Carey, Philip, Manufacturing Company, The. (See Seymour, Herman L., assignor.)
Carey, Philip, Manufacturing Company, The. (See Sperry, Charles F., assignor.)
Carey, Sophia, Kansas City, Mo. Dish draining and spraying apparatus. 2,198,510; Apr. 23.
Cargill, Incorporated. (See Jensen, Christian, assignor.)
Carilli, Pasquale, Milton, Mass. Ceiling structure. 2,188,527; Jan. 30.
Carilli, Pasquale, Milton, Mass. Ceiling mold form. 2,206,939; July 9.
Carington, Charles M., assignor to K. L. G. Sparking Plugs Limited, London, England. Attaching a union nut or the like to the end of another member. 2,189,056; Feb. 6.
Carl, Heinrich. (See Roosen, R., Barske, and Carl.)
Carl, Leonhard, Berlin-Wilmersdorf, Germany, assignor to General Electric Company. Electric cable. 2,207,579; July 9.
Carl-Art, Inc. (See Loercher, Gustav A., assignor.)

Carlbom, Axel G. H., assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Variable leverage gear for brakes. 2,204,925; June 18.
Carleton, Horace M., New York, N. Y. Film processing tank. 2,190,754; Feb. 20.
Carleton, Horace M., New York, N. Y. Marking tag. 2,192,514; Mar. 5.
Carleton, Michael D., assignor to Reed Roller Bit Company, Houston, Tex. Reamer. 2,189,032; Feb. 6.
Carleton, Michael D., assignor to Reed Roller Bit Company, Houston, Tex. Bit breaker. 2,223,600; Dec. 3.
Carleton, Paul W., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic production of aryl-naphthyl amines. 2,213,204; Sept. 3.
Carley, Joseph L., Scarsdale, N. Y., assignor, by mesne assignments, to The American Paper Bottle Company, Toledo, Ohio. Milk container. 2,226,049; Dec. 24.
Carlile, Alfred E., Meadville, Pa., assignor to Talon, Inc. Slider for slide fasteners. 2,185,658; Jan. 2.
Carlile, Alfred E., Meadville, Pa., assignor to Talon, Inc. Self-locking slider for slide fasteners. 2,214,705; Sept. 10.
Carlile, Alfred E., Meadville, Pa. ,assignor to Talon, Inc. Slider for slide fasteners. 2,223,279; Nov. 26.
Carling Turbine Blower Co. (See Carlson, Axel W., assignor.)
Carlisle, Carroll D. (See Paul, E. T., and Carlisle.)
Carlisle, George L., assignor, by mesne assignments, to Railway and Industrial Engineering Company, Greensburg, Pa. Fuse cutout. 2,204,298; June 11
Carlisle, George L., assignor, by mesne assignments, to Railway and Industrial Engineering Company, Greensburg, Pa. Repeater circuit breaker. 2,204,299; June 11.
Carlisle, George L., assignor, by mesne assignments, to Railway and Industrial Engineering Company, Greensburg, Pa. Fused cutout. 2,204,300; June 11.
Carlisle, Henry W., Minneapolis, Minn. Storage battery. 2,191,313; Feb. 20.
Carlisle, Richard W., Elmsford, N. Y. Umbrella rib tip. 2,185,587; Jan. 2.
Carlisle, Richard W., Elmsford, N. Y. Facsimile system. 2,210,706; Aug. 6.
Carlisle, Richard W., Flushing Heights, N. Y. Head lamp. 2,189,164; Feb. 6.
Carlisle, Thomas O. (See Davis, N. L. Drinkwater, and Carlisle.)
Carlsen, Carter J. (See Highouse, Albert M., assignor.)
Carlsen, Leonard O. (See Earl, S. H., and Carlsen.)
Carlsen, Leonard O., assignor to Gleason Works, Rochester, N. Y. Indexing mechanism. 2,188,996; Feb. 6.
Carlsen, Leonard O., assignor to Gleason Works, Rochester, N. Y. Cutter for and method of cutting gears. 2,200,412; May 14.
Carlson, Adolphe E., Burbank, assignor to Technicolor Motion Picture Corporation, Los Angeles, Calif. Cinematographic apparatus. 2,211,763; Aug. 20.
Carlson, Albert, Chicago, Ill. Cleaning the checker chambers of open hearth furnaces and the like. 2,200,668; May 14.
Carlson, Alexander, Detroit, Mich., assignor to The Bender Body Company, Cleveland, Ohio. Vehicle. 2,208,495; July 16.
Carlson, Anthony E., Los Angeles, Calif., assignor by decree of court to E. L. Carlson. Multiple vision clock. 2,188,872; Jan. 30.
Carlson, Arthur W., Worcester, Mass. Device for inflating balloons and the like. 2,218,931; Oct. 22.
Carlson, Arthur W., assignor of one-half to E. Johnson, Marquette, Kans. Card game accessory. 2,199,039; Apr. 30.
Carlson, Axel F., Stockholm, Sweden, assignor to The Reece Button Hole Machine Company, Boston, Mass. Shuttle mechanism. 2,219,470; Oct. 29.
Carlson, Axel J., Los Angeles, Calif. Self-aligning stool. 2,217,943; Oct. 15.
Carlson, Axel S., New York, N. Y., assignor of one-half to H. M. Humason, New Canaan, Conn. Smoker's article. 2,195,201, Mar. 26.
Carlson, Axel S., New York, N. Y., assignor of one-half to H. M. Humason, New Canaan, Conn. Sled. 2,209,508; July 30.
Carlson, Axel S., assignor of one-half to J. C. Blue, Brooklyn, N. Y. Safety razor. 2,217,792; Oct. 15.
Carlson, Axel W., assignor to Carling Turbine Blower Co., Worcester, Mass. Turbine construction. 2,195,325; Mar. 26.
Carlson, Bert G., Freeport, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic pilot. 2,195,406; Apr. 2.
Carlson, Bert G., Freeport, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Hydraulic automatic pilot for aircraft. 2,201,226; May 21.
Carlson, Bert G., Freeport, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Airplane automatic pilot. 2,203,671; June 11.
Carlson, Bert G., Freeport, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyro-magnetic compass and autopilot. 2,213,976; Sept. 10.
Carlson, Bert G., Freeport, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Servomotor system for aircraft. 2,227,375; Dec. 31.
Carlson, Carl T., Alsten, Sweden. Apparatus for concentrating solutions, particularly black liquors. 2,188,220; Jan. 23.
Carlson, Charles, near Tacoma, Wash. Panel sniping machine. 2,207,782; July 16.
Carlson, Chester F., Jackson Heights, N. Y. Electron photography. 2,221,776; Nov. 19.
Carlson, Clarence G., assignor to Chicago Curtain Stretcher Company, Chicago, Ill. Curtain stretcher. 2,217,003; Oct. 8.
Carlson, Clarence G., assignor to Chicago Curtain Stretcher Company, Chicago, Ill. Curtain stretcher. 2,217,004; Oct. 8.
Carlson, Cleo D. (See Livak, J. E., and Carlson.)
Carlson, Conrad, Brooklyn, N. Y. Oar operating mechanism. 2,189,975; Feb. 13.
Carlson, Edith W. (See Anderson, Charles J., Jr., assignor.)
Carlson, Edith W., executrix. (See Anderson, Charles J., Jr.)
Carlson, Edna L. (See Carlson, Anthony E., assignor.)
Carlson, Elmer T., Fort Mitchell, Ky., assignor to The Trumbull Electric Manufacturing Company. Power distribution. 2,209,560; July 30.
Carlson, Elof L., assignor to The E. Ingraham Company, Bristol, Conn. Case and movement frame for watches and the like. 2,207,532; July 9.
Carlson, Eric S., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Ash receiver. 2,201,333; May 21.
Carlson, George A., and J. L. Tunison, assignors to Bucyrus-Monighan Company, Chicago, Ill. Brake adjustment. 2,211,097; Aug. 13.
Carlson, George H., assignor to Ekstrom, Carlson & Co., Rockford, Ill. Apparatus for assembling antifriction bearings. 2,222,605; Nov. 26.
Carlson, George R., and W. E. Stewart, Newark, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Electrical apparatus. 2,198,803; Apr. 30.
Carlson, George W., assignor to R. H. McClintic, Pittsburgh, Pa. Pneumatic action for typewriters and other multiple key devices. 2,198,860; Apr. 30.
Carlson, George W., and D. Peterson, assignors, by mesne assignments, to R. H. McClintic, Pittsburgh, Pa. Selector action for multiple key devices. 2,220,075; Nov. 5.
Carlson, Gustave A., Detroit, Mich. Polishing and buffing machine. 2,203,488; June 4.
Carlson, Harold, White Plains, assignor to The Associated Press, New York, N. Y. Detachable scanning drum. 2,201,473; May 21.
Carlson, Harold, White Plains, assignor to The Associated Press, New York, N. Y. Loading device for scanning drums. 2,201,474; May 21.
Carlson, Harold A. (See Cloedy, F. W., and Carlson.)
Carlson, Henry S. (See Somers, R. M., and Carlson.)
Carlson, Henry S., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Cabinet. 2,212,585; Aug. 27.
Carlson, Herbert N. R., Chicago, Ill. Aerial navigation control. 2,196,139; Apr. 2.
Carlson, Hjalmar E., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Chute construction for scrap cigar machines. 2,196,981; Apr. 16.
Carlson, Hjalmar E., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Short filler bunch machine. 2,226,370; Dec. 24.
Carlson, John T., Dayton, Ohio, assignor to The Master Electric Company. Switching mechanism. 2,213,621; Sept. 3.
Carlson, John T., assignor to The Master Electric Company, Dayton, Ohio. Lubricating means for motors. 2,219,719; Oct. 29.
Carlson, Joseph E. (See Stromberg, D. E., and Carlson.)
Carlson, Marvin C. (See Popp, R., and Carlson.)
Carlson, Oscar F., Kenilworth, assignor of one-half to Oscar F. Carlson Company, and one-half to E. N. McDonnell, Chicago, Ill. Valve. 2,194,276; Mar. 19.
Carlson, Oscar F., Kenilworth, assignor of one-half to O. F. Carlson Company, and one-half to E. N. McDonnell, Chicago, Ill. Fluid responsive device. 2,220,144; Nov. 5.
Carlson, Oscar F., Kenilworth, assignor of one-half to Oscar F. Carlson Company, and one-half to E. N. McDonnell, Chicago, Ill. Pressure reducing feed valve. 2,221,942; Nov. 19.
Carlson, Oscar F., Kenilworth, assignor of one-half to O. F. Carlson Company, and one-half to E. N. McDonnell, Chicago, Ill. Valve construction. 2,226,843; Dec. 31.
Carlson, Oscar F., Company. (See Carlson, Oscar F., assignor.)
Carlson, Otto, Astoria, Oreg. Boat handling apparatus. 2,192,373; Mar. 5.
Carlson, Stanley A., Carlstadt, N. J. Belt. 2,214,098; Sept. 10.
Carlson, Thomas J., San Francisco, Calif. Audiphone earpiece. 2,188,591; Jan. 30.
Carlson, Vernon E., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,192,397; Mar. 5.
Carlson, Vernon E., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,202,983; June 4.

Carlson, Vernon E., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,218,163; Oct. 15.
Carlson, Vernon E., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,226,371; Dec. 24.
Carlson, Victor R., Chicago, Ill. Water circulating system. 2,215,390; Sept. 17.
Carlson, Warner W. (See Stahly, G. L., and Carlson.)
Carlson, Wendell L., Haddonfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Signal receiving system. 2,202,141; May 28.
Carlson, Wendell L., Haddonfield, N. J., assignor to Radio Corporation of America. Ultra high frequency radio receiver. 2,206,390; July 2.
Carlson, Wendell L., and V. D. Landon, Haddonfield, N. J., assignors to Radio Corporation of America. All-wave antenna system. 2,189,309; Feb. 6.
Carlson, Wendell L., Haddonfield, and R. L. Harvey, Oaklyn, N. J., assignors to Radio Corporation of America. Temperature compensated capacitor. 2,207,783; July 16.
Carlson, Wendell L., and V. D. Landon, Haddonfield, N. J., assignors to Radio Corporation of America. Combined radio and television antenna. 2,214,830; Sept. 17.
Carlson, Wendell L., and W. H. Conron, Haddonfield, N. J., assignors to Radio Corporation of America. Antenna system. 2,218,083; Oct. 15.
Carlson, Wilbur L., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Crankcase breather. 2,187,264; Jan. 16.
Carlson, Wilbur L., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Crankcase breather construction. 2,187,265; Jan. 16.
Carlsson, David I., Lindesberg, Sweden. Change speed chain and sprocket drive. 2,199,331; Apr. 30.
Carlsson, Ferdinand H., Westmanna Isles, Iceland, assignor of one-half to B. Johannson, Portland, Oreg. Obstetrical couch. 2,198,804; Apr. 30.
Carlsson, Fredrik, Stockholm, Sweden, and F. Trostler, London, England. Treating tin containing materials. 2,219,411; Oct. 29.
Carlsson, Stig. (See Werner, A., and Carlsson.)
Carlstedt, Ragnar, Stockholm, Sweden. Transmission means. 2,217,537; Oct. 8.
Carlström, Bengt, assignor to Aktiebolaget Facit, Atvidaberg, Sweden. Calculating machine. 2,188,748; Jan. 30.
Carlton, Milton R. (See Cartier, R. H., and Carlton.)
Carlyle Johnson Machine Co. (See Coe, Allan R., assignor.)
Carmichael, Andrew R., Fishers, Ind., assignor of one-half to H. L. Black. Variable speed drive for washing machines and the like. 2,196,056; Apr. 2.
Carmichael, Asa B., Grand Coulee, Wash. Internal combustion engine. 2,221,230; Nov. 12.
Carmichael, Emmett C., Jackson Heights, R. J. De Gray, Forest Hills, and J. H. Prall, Brooklyn, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricating oil. 2,196,101; Apr. 2.
Carmichael, Emmett S. (See Roehner, T. G., and Carmichael.)
Carmichael, Emmett S., Jackson Heights, N. Y., and G. M. Hain, Montclair, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Grease composition. 2,197,263; Apr. 16.
Carmichael, George. (See Carmichael, Mead S., and G.)
Carmichael, James B., Davis, Okla. Bottle holder. 2,207,086; July 9.
Carmichael, Mead S., and G., Columbus, Ohio. Apparatus for distributing materials. 2,214,736; Sept. 17.
Carmichael, Ruth S., Davis, Okla. Nail polish protector. 2,223,204; Nov. 26.
Carmichael, T. Frazer, Plymouth, assignor to Beaman & Langford, Jackson, Mich., as trustee. Power converting unit and system. 2,222,214; Nov. 19.
Carmichael, Thomas J., Walled Lake, assignor to General Motors Corporation, Detroit, Mich. Vehicle brake governor. 2,225,978; Dec. 24.
Carmick, Louis G., Jr. (See Heftler, P., and Carmick.)
Carmody, Michael A., assignor of one-half to H. Schaefer, Jr., Buffalo, N. Y. Tractor-semitrailer combination. 2,223,781; Dec. 3.
Carmody, William H., assignor to The Neville Company, Pittsburgh, Pa. Bituminous emulsion. 2,195,529; Apr. 2.
Carmody, William H., assignor to The Neville Company, Pittsburgh, Pa. Treating cracking still residues. 2,210,395; Aug. 6.
Carnahan, Merle, Long Beach, Calif. Game apparatus. 2,207,190; July 9.
Carnarius, Edwin H., Peoria, Ill., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Butyl alcohol fermentation process. 2,198,104; Apr. 23.
Carnegie-Illinois Steel Corporation. (See Wells, J. H., and Wilson, assignors.)
Carnegie Institute of Technology. (See Biggs, B. S., and Weiler, assignors.)
Carnegie Institute of Technology of Pittsburgh. (See Mayers, Martin A., assignor.)
Carnegie Institute of Technology of Pittsburgh. (See von Elbe, G. J. K., and Scott, assignors.)
Carnegie Institution of Washington. (See Goranson, R. W., and Zisman, assignors.)
Carnegie Institution of Washington. (See Wright, F. E., and England, assignors.)
Carnegie, William L., assignor to General Motors Corporation, Detroit, Mich. Variable speed control. 2,221,393; Nov. 12.
Carner, James F., Long Beach, Calif. Amalgamator. 2,201,475; May 21.
Carnes, Herman W., Indianapolis, Ind., assignor to Carbide and Carbon Chemicals Corporation. Automatic change-over valve. 2,197,144; Apr. 16.
Carnes, Herman W., Indianapolis, Ind., assignor to Oxweld Acetylene Company. Apparatus for controlling fluid pressure. 2,219,441; Oct. 29.
Carney, Clifford R., Detroit, Mich. Ice tray. 2,199,740; May 7.
Carney, Clifford R., Detroit, Mich. Ice tray. 2,222,401; Nov. 19.
Carney, Clifford R., Miami, Fla. Ice tray. 2,214,451; Sept. 10.
Carney, Clifford R., Miami, Fla., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Ice cube remover. 2,203,892; June 11.
Carney, John, Pawtucket, R. I. Tally for bingo. 2,192,825; Mar. 5.
Carney, Samuel C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Vapor pressure device. 2,200,261; May 14.
Carney, Thomas C., and J. A. Peterson, Los Angeles, Calif. Bracket. 2,202,811; June 4.
Carnine, Arba I. (See Sharp, C. W., and Carnine.)
Caron, Racine F., Moosup, Conn. Loom and weaving thereon. 2,189,444; Feb. 6.
Caroselli, Amil. (See Caroselli, C. J., and Sanders, assignors.)
Caroselli, Clarence J., and A. V. Sanders, assignors of one-third to A. Caroselli, Indianapolis, Ind. Telephone dial illumination. 2,222,476; Nov. 19.
Carothers, Oliver H., Dallas, Tex. Game. 2,214,952; Sept. 17.
Carothers, Wallace H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Flexible coated article. 2,188,332; Jan. 30.
Carothers, Wallace H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic linear polyamides. 2,190,770; Feb. 20.
Carothers, Wallace H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Laminated product. 2,191,367; Feb. 20.
Carothers, Wallace H., deceased, by the Wilmington Trust Company, executor, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyamides. 2,191,556; Feb. 27.
Carothers, Wallace H., deceased, by Wilmington Trust Company, executor, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric material. 2,201,884; May 21.
Carothers, Wallace H., deceased, by the Wilmington Trust Co., executor, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric materials. 2,214,402; Sept. 10.
Carothers, Wallace H., deceased, by The Wilmington Trust Company, executor, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic film. 2,216,735; Oct. 8.
Carothers, Wallace H., deceased, by The Wilmington Trust Company, executor, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic film. 2,216,736; Oct. 8.
Carothers, Wallace H., deceased, by The Wilmington Trust Company, executor, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric materials. 2,216,835; Oct. 8.
Carothers, Wallace H., and H. B. Dykstra, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Unsaturated ether products and producing same. 2,189,529; Feb. 6.
Carpenter, Charles A., Huntington Park, Calif. Upper cylinder lubricator. 2,187,998; Jan. 23.
Carpenter, Charles E., Chicago, Ill. Doughnut machine and the like. 2,201,364; May 21.
Carpenter, Charles E., Chicago, Ill. Dough batch cutter and the like. 2,210,278; Aug. 6.
Carpenter, Charles E., Badger, Minn., assignor to Challenger Do-Nut Machine Corporation. Doughnut machine. Re. 21,457; May 21.
Carpenter, Clarence E., and R. C. Lynch, assignors to Diamond Bit Corporation, Seattle, Wash. Diamond drill bit. 2,217,889; Oct. 15.
Carpenter, E. W., Manufacturing Company. (See Kilbride, John T., assignor.)
Carpenter, Eugene R. (See Kennedy, W. A., and Carpenter.)
Carpenter, Fred A., Berkeley, Calif. Pumping structure. 2,203,077; June 4.
Carpenter, Fred A., Berkeley, Calif. Pumping system. 2,212,010; Aug. 20.
Carpenter, Fred A., Berkeley, Calif. Automatic water system. 2,220,209; Nov. 5.
Carpenter, Howard F. (See Grossman, W. G., and Carpenter.)
Carpenter, Howard F. (See Long, E. B., Jr., and Carpenter.)

Carpenter, James R., Battle Creek, assignor to Ferry-Morse Seed Company, Detroit, Mich. Display stand. 2,185,244; Jan. 2.
Carpenter, Louis M. (See Roesch, R. G., and Carpenter.)
Carpenter, Marion S., Nutley, N. J., assignor to Givaudan-Delawanna, Inc., New York, N. Y. Hydrogenated brown camphor oil and preparing same. Re. 21,511; July 23.
Carpenter, Mason P., Punta Gorda, Fla., assignor to International Frictionless Brake Corporation, Lansing, Mich. Fluid rotor. 2,187,875; Jan. 23.
Carpenter, Morris T., assignor to Standard Oil Company, Chicago, Ill. Refining fuel oil. 2,189,196; Feb. 6.
Carpenter, Otto W., Jr., et al, executors. (See Kearney, E. J., and Armitage.)
Carpenter, Paul D., Elgin, Ill. Game apparatus. 2,218,164; Oct. 15.
Carpenter, Robert J., Scotia, N. Y., assignor to General Electric Company. Mercury boiler. 2,202,831; June 4.
Carpenter, Rupert E. H., London, England. Telegraph relay. 2,219,222; Oct. 22.
Carpenter-Stone, Inc. (See Stone, Albert R., assignor.)
Carpenter, Vern A., Indianapolis, Ind. Polarity compensating ignition system for automobiles. 2,195,612; Apr. 2.
Carpenter, Warren W., Garden City, and L. E. Kittredge, Port Washington, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,201,573; May 21.
Carpenter, Warren W., Garden City, and W. H. Matthies, Hackensack, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic call recording system. 2,204,957; June 18.
Carr, Albert B., and R. H. Fluker, Atlanta, Ga.; said Fluker assignor to said Carr. Winding machine. 2,185,399; Jan. 2.
Carr, Arthur H., assignor to Carr Manufacturing Corporation, Bristol, R. I. Making rubber thread. 2,209,509; July 30.
Carr, Arthur R., Gary, Ind. Scrap chopper with a blade having a combined rotary and reciprocating motion. 2,214,160; Sept. 10.
Carr, Clifton C., North Powder, Oreg., assignor of one-half to H. L. Snode, Union County, Oreg. Egg cooker. 2,226,844; Dec. 31.
Carr, Clyde C. (See Lannerd, P. U., and Carr.)
Carr, Ernest R., assignor to The Collis Company, Clinton, Iowa. Refrigerator shelf. 2,207,115; July 9.
Carr, James A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Suspending aerial cables. 2,222,652; Nov. 26.
Carr-Lowrey Glass Co. (See Bicks, Jean W., assignor.)
Carr-Lowrey Glass Co. (See Garwood, Charles B., assignor.)
Carr, Lyman W., Fostoria, Ohio. Fuse carrying connector. 2,201,427; May 21.
Carr Manufacturing Corporation. (See Carr, Arthur H., assignor.)
Carr Manufacturing Corporation. (See Rhee, Daniel, assignor.)
Carr, Richard H., and G. G. Hebard, Chicago, Ill., and G. M. Henderson and G. Heinish, Akron, Ohio, assignors to The Pure Oil Company, Chicago, Ill. Apparatus for use in connection with earth boring. 2,225,683; Dec. 24.
Carr, Walter E., Spokane, Wash. Fullering wheel. 2,218,637; Oct. 22.
Carragher, Hugh J., Brooklyn, assignor to Powdrell & Alexander, Inc., Danielson, Conn. Making figured fabrics. 2,187,469; Jan. 16.
Carrara, Charles, Brooklyn, N. Y. Tap dancing heel and toe attachment for shoes. 2,205,344; June 18.
Carrasco, Manuel, New York, assignor of one-half to W. Recht, Woodmere, N. Y. Kite. 2,222,402; Nov. 19.
Carraway, Thomas W., assignor to Ideal-Aire, Inc., Dallas, Tex. Cooling unit. 2,213,622; Sept. 3.
Carrick, Oland W. (See Gunderson, L. O., and Carrick.)
Carrier Corporation. (See Ashley, Carlyle M., assignor.)
Carrier Corporation. (See Galson, Henry L., assignor.)
Carrier Corporation. (See Hillen, W. G., and Bailey, assignors.)
Carrier Corporation. (See Jones, Walter, assignor.)
Carrier Corporation. (See Nicolet, Constant E., assignor.)
Carrier Corporation. (See Swinburne, J., and Mooney, assignors.)
Carrier, Willis H., Essex Fells, N. J. Air conditioning system. 2,202,946; June 4.
Carrier, Worthy W., Mound, and C. Victor, Minneapolis, Minn. Dry cleaning apparatus. 2,189,458; Feb. 6.
Carrigan, Ray, Birmingham, Ala. Hot blast stove. 2,198,302; Apr. 23.
Carrillo, Aniceto, Mexico, D. F., Mexico. Delivery valve. 2,190,255; Feb. 13.
Carris, Edward C., Washington, assignor to Iowa Button Machinery Company, Sioux City, Iowa. Broken or short drill detector. 2,218,872; Oct. 22.
Carris, Edward C. and J. R., assignors to Iowa Button Machinery Company, Washington, Iowa. Button blank chucking mechanism. 2,187,266; Jan. 16.
Carris, Edward C. and J. R., assignors to Iowa Button Machinery Company, Washington, Iowa. Blank feeding mechanism. 2,222,895; Nov. 26.
Carris, Jerry R. (See Carris, Edward C. and J. R.)
Carroll, Burt H., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,206,076; July 2.
Carroll, Burt H., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,218,230; Oct. 15.
Carroll, Burt H., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Process and material for masking in color correction. 2,218,229; Oct. 15.
Carroll, Charles E., assignor of one-half to H. A. Krueger, Toledo, Ohio. Tool. 2,194,494; Mar. 26.
Carroll, Clarence W. (See Merriman, W. E., and Carroll.)
Carroll, Elbert H., West Boylston, Mass. Adjustable bracket for Venetian blinds. 2,225,550; Dec. 17.
Carroll, Ellsworth W., assignor to S & W Fine Foods, Inc., San Francisco, Calif. Fruit handling mechanism. 2,208,474; July 16.
Carroll, Ellsworth W., assignor to S & W Fine Foods, Inc., San Francisco, Calif. Continuous fruit orientating device. 2,220,511; Nov. 5.
Carroll, Ellsworth W., assignor to S & W Fine Foods, Inc., San Francisco, Calif. Position inspector and final orientator. 2,225,979; Dec. 24.
Carroll, Eugene G., Los Angeles, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,227,245; Dec. 31.
Carroll, Fred M., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Voting machine. 2,195,848; Apr. 2.
Carroll, Fred M., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Cutting means. 2,195,849; Apr. 2.
Carroll, Fred M., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Paper feeding device. 2,199,556; May 7.
Carroll, Fred M., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Card ejecting mechanism. 2,206,661; July 2.
Carroll, Fred M., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Striping means. 2,210,567; Aug. 6.
Carroll, Fred M., and J. H. Bakelaar, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Paper feeding device. 2,189,025; Feb. 6.
Carroll, Homer L., Seattle, Wash. Sinker support for fishing lines. 2,217,101; Oct. 8.
Carroll, Hubert O., Painesville, Ohio. Window wedge. 2,200,539; May 14.
Carroll, Hubert O., Painesville, Ohio. Outwardly opening window construction. 2,215,170; Sept. 17.
Carroll, Jerome J., Chicago, Ill. Storage filing box. 2,204,540; June 11.
Carroll, John S., Yonkers, assignor to Johns-Manville Corporation, New York, N. Y. Liner for wells. 2,226,804; Dec. 31.
Carroll, Linus A., Colorado Springs, Colo. Anchoring stopper. 2,186,625; Jan. 9.
Carroll, Monroe W., Beaumont, Tex., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Well bridging, cementing, whipstock and milling apparatus. Re. 21,668; Dec. 24.
Carroll, Simon G., Barranquilla, Colombia. Lifesaving device. 2,206,160; July 2.
Carroll, Thomas E., Bronx, N. Y. Threadless lamp socket. 2,191,336; Feb. 20.
Carroll, Thomas E., New York, N. Y. Apparatus for making decorative fabric. 2,200,327; May 14.
Carroll, W. Stanley. (See Morley, Earl M., assignor.)
Carroll, William M., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Liquid dispensing apparatus. 2,199,480; May 7.
Carrom Company, The. (See Stearns, Freeman R., assignor.)
Carromeal, Inc. (See Nesbitt, C. M., and Warner, assignors.)
Carron, I. Louis, et al., trustee. (See Bartel, Charles F., and W. C.)
Carruth, Herman A., Mount Carmel, assignor to National Folding Box Company, New Haven, Conn. Collapsible box and making same. 2,220,076; Nov. 5.
Carryl, Harry M., Washington, D. C. Refrigerating apparatus. 2,218,602; Oct. 22.
Carsolac Corporation. (See Buffington, R. L., and Elliott, assignors.)
Carson, Amon H. (See Anderson, Rexford O., assignor.)
Carson, Amon H. (See Anderson, R. O., and Carson.)
Carson, Amon H., and R. O. Anderson, Oklahoma City, Okla. Hoist. 2,185,498; Jan. 2.
Carson, Benjamin R. (See Jones N. R., and Carson.)
Carson, Clarence A., assignor of one-half to Dr. M. B. Seligstein, Memphis, Tenn. Elevator control-signal system. 2,224,808; Dec. 10.
Carson, Edward B., Fort Myers, Fla. Ironing machine. 2,211,011; Aug. 20.
Carson, John H., Marion, Ind. Box. 2,191,517; Feb. 27.
Carson, Ralph B., Toronto, Ontario, Canada, assignor to General Electric Company. Transformer tap changing circuit. 2,188,173; Jan. 23.
Carson, Robert H., Niagara Falls, N. Y., assignor to American Utensil Company. Heating apparatus. 2,223,551; Dec. 3.
Carson, Russell M. (See Brown, P. H., and Carson.)

Carson, William E., Riverton, Va. Making plastic hydraulic limes. 2,193,391; Mar. 12.
Carson, William E., Riverton, Va. Making rock wool articles and apparatus therefor. 2,217,538; Oct. 8.
Carsten, Christian L., Duluth, Minn. Reciprocable vehicle. 2,209,098; July 23.
Carstensen, August R., and H. W. Davis, assignors to Crystal Ice and Cold Storage Company, Sacramento, Calif. Take-down attachment for precooling fans. 2,198,931; Apr. 30.
Carswell, Firman L., Johnson County, Kans., and O. W. Schmidt, Kansas City, Mo. Installing subdrain pipe. 2,186,364; Jan. 9.
Carswell, Thomas S., Glendale, assignor to Monsanto Chemical Company, St. Louis, Mo. Selective herbicide. 2,188,734; Jan. 30.
Carswell, Thomas S., Kirkwood, assignor to Monsanto Chemical Company, St. Louis, Mo. Insecticide. 2,192,894; Mar. 12.
Carswell, Thomas S., Glendale, assignor to Monsanto Chemical Company, St. Louis, Mo. Aryl phosphites. 2,200,712; May 14.
Carte, Estol T. (See Ferris, C. R., and Carte.)
Carter, Albert S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making 2-chloro-1, 3-butadiene. 2,207,784; July 16.
Carter, Albert S., Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, New York, N. Y. Catalytic process and catalyst therefor. 2,219,379; Oct. 29.
Carter, Albert S., Wilmington, Del., and F. B. Downing, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing monovinylacetylene. 2,191,068; Feb. 20.
Carter, Albert S., and F. W. Johnson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process and new catalysts therefor. 2,200,057; May 7.
Carter, Albert S., and F. W. Johnson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing cyano-2-butadiene-1,3. 2,205,239; June 18.
Carter, Albert S., Wilmington, Del., and F. B. Downing, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrohalogenation of vinylacetylene. 2,221,941; Nov. 19.
Carter, Bennie L., Washington, D. C. Fuse. 2,189,101; Feb. 6.
Carter, Bernard M., Montclair, N. J., assignor to General Chemical Company, New York, N. Y. Sulphuric acid recovery. 2,199,691; May 7.
Carter, Bernard M., Montclair, N. J., assignor to General Chemical Company, New York, N. Y. Production of sulphur. 2,208,247; July 16.
Carter Carburetor Corporation. (See Bicknell, George M., assignor.)
Carter Carburetor Corporation. (See Boller, Henry A., assignor.)
Carter Carburetor Corporation. (See Boyce, Leonard D., assignor.)
Carter Carburetor Corporation. (See Cloedy, F. W., and Carlson, assignors.)
Carter Carburetor Corporation. (See Coffey, Irven E., assignor.)
Carter Carburetor Corporation. (See Curry, Las S., assignor.)
Carter Carburetor Corporation. (See Edelen, James L., assignor.)
Carter Carburetor Corporation. (See Ericson, George R., assignor.)
Carter Carburetor Corporation. (See Farr, Henry W., assignor.)
Carter Carburetor Corporation. (See Korte, A. C., and Lannert, assignors.)
Carter Carburetor Company. (See Markham, Charles E., assignor.)
Carter Carburetor Corporation. (See Mollberg, Byron, assignor.)
Carter Carburetor Corporation. (See Read, Leland B., assignor.)
Carter Carburetor Corporation. (See Schweiss, Joseph, assignor.)
Carter Carburetor Corporation. (See Worden, Van C., assignor.)
Carter, Charles C., Cedar Rapids, Iowa. Game apparatus. 2,215,687; Sept. 24.
Carter, De Vere V., Dallas, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Engine cooling system. 2,200,214; May 7.
Carter, Donald M. (See Westbrooke, Milo E., assignor.)
Carter, Frank B. (See Dean, C. J., and Carter.)
Carter, Frank J. (See Borgeson, C. A., Carter, Drake, Groome, and Hanley, assignors.)
Carter, Fred. (See Harrison, R. D., Dean, and Carter.)
Carter, Haskell C., Portland, Oreg. Apparatus for handling and burning coal. 2,224,760; Dec. 10.
Carter, Haskell C., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Fuel delivery device for stokers. 2,186,404; Jan. 9.
Carter, Haskell C., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Stoker drive mechanism. 2,186,405; Jan. 9.
Carter, Haskell C., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Diaphragm damper control for stokers. 2,189,511; Feb. 6.
Carter, Haskell C., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Bin coveyer. 2,194,006; Mar. 19.
Carter, Horace M., New York, N. Y. Fingernail cleaning composition. 2,197,630; Apr. 16.
Carter, Horace M., and W. Langer, New York, N. Y. Powder box. 2,217,307; Oct. 8.
Carter, James C., Detroit, Mich. Securing a float to a fishing rod. 2,220,395; Nov. 5.
Carter, James J., Columbus, Ohio. Patient lifting device. 2,208,410; July 16.
Carter, John C., Dearborn, Mich. Spark plug for internal combustion engines. 2,209,621; July 30.
Carter, John E., Geneseo, Ill. Compensable joint. 2,203,078; June 4.
Carter, John E., Geneseo, Ill. Construction joint. 2,205,810; June 25.
Carter, Joseph, Richland, Iowa. Horse collar. 2,221,042; Nov. 12.
Carter, Joseph H., Rockford, Ill. Automobile hood and lid support. 2,220,876; Nov. 12.
Carter, Leonard F., Pontiac, Mich. Wave motor 2,187,678; Jan. 16.
Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Artificial horizon. 2,190,698; Feb. 20.
Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyromagnetic compass. 2,199,850; May 7.
Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Instrument dial illumination. 2,202,142; May 28.
Carter, Leslie F., Leonia, N. J., assignor to Sperry-Gyroscope Company, Inc., New York, N. Y. Air erected gyrovertical. 2,207,717; July 16.
Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyro-magnetic compass. 2,217,616; Oct. 8.
Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Pneumatic erection device for gyroscopes. 2,219,295; Oct. 29.
Carter, Leslie F., Leonia, and B. A. Wittkuhns, Summit, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Temperature compensation for gyroscopes. 2,199,024; Apr. 30.
Carter, Mary E., et al. (See Carter, Sylvester A., assignor.)
Carter, Mitchell, Trenton, N. J., assignor, by mesne assignments, to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Production of cellular rubber masses. 2,217,605; Oct. 8.
Carter, Philip M., Detroit, Mich., assignor to Vaco Products, Inc., Jersey City, N. J. Fluid pressure operated gear shifter. 2,206,221; July 2.
Carter, Philip M., New York, and D. F. Linsley, Buffalo, N. Y., assignors to Vaco Products, Inc. Steering mechanism. 2,193,898; Mar. 19.
Carter, Philip M., White Plains, N. Y., D. F. Linsley, Norwalk, Conn., and L. A. Larsen, Brooklyn, N. Y., assignors to Vaco Products, Inc. Power operated automotive gear shifter. 2,203,380; June 4.
Carter, Philip S., assignor to Radio Corporation of America, Port Jefferson, N. Y. Antenna. Re. 21,609; Oct. 29.
Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Antenna. 2,188,649; Jan. 30.
Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Making impedance measurements at high radio frequencies. 2,191,271; Feb. 20.
Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Antenna system. 2,204,175; June 11.
Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Wide band short wave antenna. 2,224,898; Dec. 17.
Carter, Rolla N., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic apparatus. 2,210,882; Aug. 13.
Carter, Rowland S., Los Angeles, Calif. Making photographic prints in color. 2,194,293; Mar. 19.
Carter, Rowland S., Los Angeles, Calif., assignor of one-fifth to C. A. Miketta, Beverly Hills, Calif. Toilet accessory. 2,214,323; Sept. 10.
Carter, Roy E., Niles, Ohio. Apparatus for handling magnetic sheets and the like. 2,193,162; Mar. 12.
Carter, Sidney T., New Kensington, Pa., assignor, by mesne assignments, to Schenley Distillers Corporation. Foil capping machine. 2,193,618; Mar. 12.
Carter, Sylvester A., assignor of twenty per cent to R. C. Nelms, one tenth to R. Turner, and fifty per cent to M. E. Carter, all of Roanoke, Va. Produce basket. 2,202,832; June 4.
Carter, Thomas A., Jr., assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Socket for light tubes. 2,198,903; Apr. 30.
Carter, Thomas B., et al. (See Sanders, Amis B., assignor.)
Carter, William, New Bedford, Mass. Method and apparatus for singeing yarn. 2,195,357; Mar. 26.
Carter, William J., Avonmouth, assignor to National Processes Limited, London, England. Rotproofing and waterproofing of materials. 2,186,750; Jan. 9.
Carter's Ink Company, The. (See Kendrick, Laurence W., assignor.)

Carter's Ink Company, The. (See McPherson, Kenneth W., assignor.)
Carthage Mills Incorporated. (See Greiser, Melvin R., assignor.)
Cartier, Inc. (See Bezault, Georges A. J., assignor.)
Cartier, Inc. (See Erard, Georges L., assignor.)
Cartier, Inc. (See Foret, Edmond, assignor.)
Cartier, Inc. (See Glaenzer, Jules, assignor.)
Cartier, Inc. (See Hennings, Gustav, assignor.)
Cartier, Lionel R., O'Fallon, Ill. Valving machine. 2,216,563; Oct. 1.
Cartier, Robert H., and M. R. Carlton, San Francisco, Calif. Proportioner. 2,219,763; Oct. 29.
Cartier, Societe Anonyme. (See Erard, Georges L., assignor.)
Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Apparatus for stowing rock in a coal mine. 2,196,659; Apr. 9.
Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Material gathering and loading machine. 2,201,334; May 21.
Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Conveyer. 2,208,269; July 16.
Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Articulated conveyor. 2,216,546; Oct. 1.
Cartter, W. G., et al. (See Brandenburg, Harry J., assignor.)
Cartter, William G., Monrovia, Calif. Sectional steam boiler. 2,196,102; Apr. 2.
Cartwright, Charles H., Boston, Mass., assignor to Radio Corporation of America. Sound recording system and track. 2,217,154; Oct. 8.
Cartwright, Charles H., San Gabriel, Calif., and A. F. Turner, Newton, Mass., assignors to Research Corporation, New York, N. Y. Decreasing reflection of light from surfaces, and articles so produced. 2,207,656; July 9.
Cartwright, Eugene M., Woodbury, assignor to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Producing fittings in the form of adapters or the like. 2,225,902; Dec. 24.
Cartwright, Forest S., Indianapolis, Ind. Motor vehicle control. 2,198,076; Apr. 23.
Caruso, Harry, Oswego, N. Y. Soldering apparatus. 2,225,255; Dec. 17.
Caruthers, Robert S., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier system with phase discrimination. 2,185,687; Jan. 2.
Caruthers, Robert S., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Double balanced modulating system. 2,205,843; June 25.
Carvalho, Manuel, Somerville, Mass. Scrubbing device. 2,191,642; Feb. 27.
Carver, Fred S., Short Hills, N. J. Unitary pot press. 2,226,920; Dec. 31.
Carver, Henry V., Gastonia, N. C. Looper machine. 2,197,296; Apr. 16.
Carver, Horace N., Wichita, Kans. Sign. 2,193,057; Mar. 12.
Carver, Horace N., Wichita, Kans. Sign. 2,193,058; Mar. 12.
Carver, Horace N., Wichita, Kans. Sign. 2,193,507; Mar. 12.
Carver, Horace N., Wichita, Kans. Signaling device. 2,220,953; Nov. 12.
Carver, Richard N. (See Lohr, R. J., and Carver.)
Carvin Bottle Cap Corp. (See Binder, John M., assignor.)
Carvin Bottlecap Corp. (See Penn, Isidore, assignor.)
Carvotta, Cosimo, East Boston, assignor of one-third to J. Sciortino and one-third to R. R. Musto, Boston, Mass. Clothesline support. 2,207,852; July 16.
Carwardine, George, Bath, England. Friction clutch. 2,191,846; Feb. 27.
Carwardine, George, Bath, assignor of one-third to Herbert Terry & Sons Limited, Redditch, England. Spring-controlled mechanism. 2,190,400; Feb. 13.
Carwardine, George, Bath, assignor of one-half to Herbert Terry & Sons Limited, Redditch, England. Elastic force and equipoising mechanism. 2,204,301; June 11.
Cary, Beecher B. (See Hollerith, C., and Cary.)
Cary, Beecher B., assignor to Hayes Industries, Inc., Jackson, Mich. Muffler construction. 2,194,457; Mar. 26.
Cary, Thomas C., et al. (See Granville, Harry, Sr., assignor.)
Caryl, Coleman R., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Pretreatment of cellulose. 2,218,448; Oct. 15.
Casablancas, Fernando, Manchester, assignor to Casablancas High Draft Co. Ltd., Salford, Manchester, England. Mechanism for drawing textile rovings. 2,202,755; May 28.
Casablancas High Draft Co. Ltd. (See Casablancas, Fernando, assignor.)
Casali, Joseph, and S. Ventura, Detroit, Mich. Top and spinner therefor. 2,206,940; July 9.
Casalog Inc. (See Lipson, Edward, assignor.)
Casarotti, Romeo A., Oakland, Calif. Faucet. 2,186,326; Jan. 9.
Casciani, Ferri, assignor to Niagara Alkali Company, Niagara Falls, N. Y. Bleaching pulp. 2,203,212; June 4.
Casco Products Corporation. (See Bahr, Gustave F., assignor.)
Casco Products Corporation. (See Bain, Forée, assignor.)
Casco Products Corporation. (See Cohen, Joseph H., assignor.)
Casco Products Corporation. (See Johnson, Arthur A., assignor.)
Casco Products Corporation. (See Kline, James T., assignor.)
Casco Products Corporation. (See Thibault, Joseph O., assignor.)
Case, Burgess C., Detroit, Mich. Popcorn machine. 2,216,805; Oct. 8.
Case Crane & Kilbourne Jacobs Co., The. (See Du Vall, Frank J., assignor.)
Case, Gerald O., assignor to Lignocrete Ltd., Georgetown, Demerara, British Guiana. Reinforcement of concrete or the like. 2,210,444; Aug. 6.
Case, Harold. (See Miller, Norman B., assignor.)
Case, J. I., Company. (See Heth, Sherman C., assignor.)
Case, J. I., Company. (See Heth, S. C., and Tallman, assignors.)
Case, J. I., Company. (See Larsen, Carl B., assignor.)
Case, J. I., Company. (See Markel, John M., assignor.)
Case, Lynn B., (See Dickhaut, C. A., and Case.)
Case, Lynn B., assignor to John Waldron Corporation, New Brunswick, N. J. Coating machine. 2,219,979; Oct. 29.
Case, Nelson P., Great Neck, N. Y., assignor to Hazeltine Corporation. Silencing network. 2,197,516; Apr. 16.
Case, Nelson P., Great Neck, N. Y., assignor to Hazeltine Corporation. Duplex vacuum-tube repeater. 2,201,365; May 21.
Case, Nelson P., Great Neck, N. Y., assignor to Hazeltine Corporation. Band-pass selector. 2,216,874; Oct. 8.
Case, Noel L. (See McKeige, E. E., and Case.)
Case, Noel L., Girard, Pa., and B. S. Franklin, assignors to Louis Marx & Company, Inc., New York, N. Y. Voice controlled toy train system. 2,221,963; Nov. 19.
Casebeer, James T., Washington, D. C. Golf device. 2,213,518; Sept. 3.
Casey, Charles C., Detroit, Mich. Track and carriage for sorting devices. 2,201,227; May 21.
Casey, Francis J. (See Wheeler, William H., assignor.)
Casey, Hilton W., Boothwyn, Pa. Dialyzer. 2,226,337; Dec. 24.
Cash, A. W., Company. (See Klinker, John J., assignor.)
Cash, A. W., Company. (See Terry, Charles M., assignor.)
Cash, Finley, Mechanicville, N. Y. Furnace ignition arch. 2,186,521; Jan. 9.
Cashman, William J. (See Yeomans, Lucien O., assignor.)
Casinello, Tony, Detroit, Mich. Mop. 2,203,189; June 4.
Casino, Frank R. (See Levy, M., and Casino.)
Casner Patents, Inc. (See Roters, Herbert C., assignor.)
Casolog Inc. (See Lipson, Edward, assignor.)
Casper, Benjamin A., Minneapolis, Minn. Floor abrading machine. 2,199,615; May 7.
Caspers Tin Plate Company. (See Albright, Edward A., assignor.)
Cass, Frank M., Cedar Rapids, Iowa. Toy pistol. 2,215,721; Sept. 24.
Cass, Oliver W. (See Levine, A. A., and Cass.)
Cass, Oliver W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Manufacture of halogenated hydrocarbons. 2,218,018; Oct. 15.
Cass, Oliver W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing lactams. 2,221,369; Nov. 12.
Cass, Oliver W., and R. T. K'Burg, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of N-substituted alkylol amines. 2,194,294; Mar. 19.
Casse, Joseph E. (See Siess, H. J., and Casse.)
Cassel, Norman S., Ridgewood, N. J., assignor to Interchemical Corporation, New York, N. Y. Decorating textiles and composition for use therein. 2,202,283; May 28.
Cassell, Russell B. (See Clifton, Martin K., assignor.)
Cassella, Victor. (See Iacobelli, F., and Cassella.)
Cassels, William B., Clarendon Hills, Ill. Speed control. 2,225,206; Dec. 17.
Cassen, Franklin, and H. D. Mulloy, Chicago, Ill. Determination of percentage of alcohol in water-alcohol solutions. 2,209,764; July 30.
Casserly, Patrick J., Cleveland, Ohio. Clothesline hanger. 2,189,626; Feb. 6.
Cassidy, Asa, Tampa, Fla. Shuffleboard cue. 2,207,718; July 16.
Cassidy, Fred A., Pueblo, Colo. Hack saw frame. 2,221,231; Nov. 12.
Cassidy, Perry R. (See Moore, W. T., Cassidy, Hardgrove, and Kerr.)
Cassidy, Perry R., Short Hills, assignor to The Babcock & Wilcox Company, Newark, N. J. Heat exchanger. 2,200,156; May 7.
Cassidy, Perry R., Short Hills, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange apparatus. 2,220,886; Nov. 12.

Casson, Wesley C., assignor to Briggs Manufacturing Company, Detroit, Mich. Seal for water pumps. 2,214,243; Sept. 10.
Casson, Wesley C., assignor to Briggs Manufacturing Company, Detroit, Mich. Head-lamp assembly. 2,225,980; Dec. 24.
Casson, Wesley C., assignor to Briggs Manufacturing Company, Detroit, Mich. Head-lamp assembly. 2,225,981; Dec. 24.
Casstevens, Armand R., Houston, Tex. Racing machine. 2,202,572; May 28.
Castagna, Michael M., Oglesby, Ill. Automatic fuel burning device. 2,216,109; Oct. 1.
Castagnola, Oliviero. (See Lalli, E., and Castagnola.)
Castedello, William. (See Schwartz, M., and Castedello.)
Casteel, George W., Lemon Grove, Calif. Protecting trees from insects. 2,201,643; May 21.
Castellano, Joseph P., New York, N. Y. Direction and speed ratio changing device for motor vehicles. 2,219,265; Oct. 22.
Castello, Allen D., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Peptized vulcanizate and preparing the same. 2,211,592; Aug. 13.
Caster, L. E. (See Fonken, Martin E., assignor.)
Castex Laboratories, Inc. (See Lovell, Stanley P., assignor.)
Castillo, Cirilo C., Los Angeles, Calif. Motor drive. 2,216,906; Oct. 8.
Castings Patent Corporation. (See Hagemeyer, Henry F., assignor.)
Castings Patent Corporation. (See Toman, Michael E., assignor.)
Castle, Chester W., Caldwell, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Stapling machine. 2,213,691; Sept. 3.
Castles, Richard C., Chicago, Ill. Soiled dish container. 2,186,365; Jan. 9.
Casto, Glenn L., Spencer, W. Va. Tooth brush. 2,186,005; Jan. 9.
Casto, Lloyd V., Detroit, Mich., and G. von Webern, and E. W. Hamant, Dayton, Ohio, assignors to Oxford Varnish Corporation, Detroit, Mich. Making transfer members. 2,193,899; Mar. 19.
Casto, Lloyd V., Detroit, Mich., and G. von Webern, E. W. Hamant, and O. D. King, Dayton, Ohio, assignors to Oxford Varnish Corporation, Detroit, Mich. Work surfacing mechanism. 2,193,900; Mar. 19.
Castricone, John A., assignor to Altorfer Brothers Company, Peoria, Ill. Resilient motor mounting. 2,188,807; Jan. 30.
Castricum, Martin, Grosse Pointe, and F. C. Kennedy, Detroit, Mich., assignor by mesne assignments, to United States Rubber Company, New York, N. Y. Pneumatic tire. 2,188,174; Jan. 23.
Caswell, Fred C., and A. S. T. Lagaard, assignors to Dough-King, Inc., Minneapolis, Minn. Doughnut machine. 2,208,877; July 23.
Cataldo, Frank. (See Scofield, Lester W., assignor.)
Cataldo, Fred R., Chelsea, Mass. Automotive vehicle guard. 2,191,751; Feb. 27.
Catalin Corporation. (See Beck, Leo, assignor.)
Catalin Corporation of America. (See Thompson, Wesley R., assignor.)
Catalin Corporation of America. (See Thompson, W. R., and Flood, assignors.)
Catchings, Thomas F., New Orleans, La., L. J. Padget, Gulfport, Miss., and Lynn H. Dawsey, Takoma Park, Md., dedicated to the free use of the People in the territory of The United States. Herbicide. 2,218,787; Oct. 22.
Catelin, Louise R., New York, N. Y. Cosmetic applicator. 2,199,720; May 7.
Cater, Barton, Whittier, Calif. Device for guidance in parking trailers. 2,214,161; Sept. 10.
Caterpillar Tractor Co. (See Grothe, Walter, assignor.)
Caterpillar Tractor Co. (See Gustafson, Carl A., assignor.)
Caterpillar Tractor Co. (See Starr, Oscar L., assignor.)
Catherwood, William S., Jr., assignor to Metropolitan Device Corporation, Brooklyn, N. Y. Electrical panel. 2,217,510; Oct. 8.
Catherwood, William S., Jr., assignor to Metropolitan Device Corporation, Brooklyn, N. Y. Electrical panel. 2,217,511; Oct. 8.
Cathey, George A., Portland, Oreg. Motion picture apparatus. 2,194,737; Mar. 26.
Catholic Diocese of Green Bay. (See Steinmetz, George, assignor.)
Catina, James, Philadelphia, Pa. Hair clipper. 2,218,842; Oct. 22.
Catini, Vincenzo, assignor, by mesne assignments, to Kamket Corporation, New York, N. Y. Decorating wooden surfaces, canvas, and the like. 2,219,251; Oct. 22.
Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Reamer cutter mounting means. 2,190,350; Feb. 13.
Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Demountable blade bit. 2,199,692; May 7.
Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Well reamer. 2,199,693; May 7.
Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Rock bit. 2,210,279; Aug. 6.
Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Rock bit. 2,214,221; Sept. 10.
Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Well reamer. 2,218,743; Oct. 22.
Catron, Harold, and D. J. Chapman, assignors to R-B-M Manufacturing Company, Logansport, Ind. Lighting switch. 2,193,268; Mar. 12.
Catron, Harold, and D. J. Chapman, assignors to R-B-M Manufacturing Company, Logansport, Ind. Push button switch. 2,223,673; Dec. 3.
Catucci, Pliny, assignor to The General Industries Company, Elyria, Pa. Fishing reel. 2,201,476; May 21.
Caudill, Sanford F., Shelbyville, Ky. Stove. 2,197,297; Apr. 16.
Caughey, John M. (See Greene, D. A., and Caughey.)
Caulk, Clayton M., Finley, assignor of one-half to L. A. Caulk, Campbellsville, Ky. Plant setter. 2,195,765; Apr. 2.
Caulk, John R., Jr., Ladue, assignor to Hussman-Ligonier Company, St. Louis, Mo. Condensing unit. 2,226,444; Dec. 24.
Caulk, L. A. (See Caulk, Clayton M., assignor.)
Caulkins, Cecil P., New London, Conn. Gun mounting. 2,193,446; Mar. 12.
Caulkins, Cecil P., New London, Conn. Gun mounting. 2,208,015; July 16.
Causey, George W., Pittsburgh, Pa. Scaffolding. 2,201,608; May 21.
Cauthen, John T., Brawley, Calif. Producing smooth surfaces. 2,195,144; Mar. 26.
Cauwenberg, Winfred J. (See Ryan, L. W., and Cauwenberg.)
Cavadino, Conrad G. F., Rochester, England, assignor to Gyproc Products Limited, London, England. Manufacture of fireproof thermal and acoustical insulation articles. 2,215,078; Sept. 17.
Cavalier Corporation. (See Frazier, Robert T., assignor.)
Cavallaro, Frank. (See Pascuzzi, V., and Cavallaro.)
Cavanagh, John F., Providence, assignor to Boston Wire Stitcher Company, Warwick, R. I. Fastener-applying implement. 2,210,165; Aug. 6.
Cavanagh, John J., Farmingdale, N. Y. Garment hanger. 2,221,296; Nov. 12.
Cavanaugh, Daniel J., Holyoke, Mass. Automobile bumper. 2,191,368; Feb. 20.
Cavanaugh, George S., Los Angeles, Calif., assignor to The Pennzoil Company. Lubricant composition. 2,195,669; Apr. 2.
Cavanaugh, Joseph, Barrington, N. J. Bobbin. 2,224,075; Dec. 3.
Cave, Alfred E. (See Smith, H. W., and Cave.)
Cave, Forrest C., Salina, Kans. Automobile log. 2,211,879; Aug. 20.
Cave, Henry, assignor to The Fuller Brush Company, Hartford, Conn. Mop wringer. 2,223,147; Nov. 26.
Caver, W. H. (See Jones, George L., assignor.)
Caverly, Harry C., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,214,809; Sept. 17.
Cavey, Claude A., H. M. Copin, A. V. Hill, and H. C. Hunt, Los Angeles, Calif. Shoe attachment. 2,191,442; Feb. 27.
Cawein, Madison, Manhasset, N. Y., assignor to Hazeltine Corporation. Periodic wave generator. 2,203,519; June 4.
Cawein, Madison, Manhasset, N. Y., assignor to Hazeltine Corporation. Television system. 2,203,520; June 4.
Cawein, Madison, Manhasset, N. Y., assignor to Hazeltine Corporation. Modulated-carrier wave-signal-translating system. 2,203,521; June 4.
Cawein, Madison, Manhasset, N. Y., assignor to Hazeltine Corporation. Tunable band-pass selector. 2,218,980; Oct. 22.
Cawein, Madison, Manhasset, N. Y., assignor to Hazeltine Corporation. Periodic wave-generating system. 2,226,706; Dec. 31.
Cawley, Aloysius J., Pittston, Pa Diavision. 2,225,097; Dec. 17.
Caylor, James H. (See Mekeel, D. L., and Caylor.)
Cayo, Julius N., Benton Harbor, Mich. Amusement device. 2,210,024; Aug. 6.
Cazenave, Fernando, Buenos Aires, Argentina. Safety seal for bottles and the like. 2,226,805; Dec. 31.
Cazes, Paul G., Paris, assignor to Pathé Cinéma, Anciens Etablissements Pathé Freres, Paris (Seine), France. Film magazine for cinamatographic cameras. 2,195,268; Mar. 26.
Cazes, Paul G., Paris, assignor to Pathé Cinéma, Anciens Etablissements Pathé Frères, Paris, Seine, France. Driving mechanism of the barrel type. 2,205,083; June 18.
Cazin, Otto K. (See Kende, G., and Cazin.)
Cecchet, Albino, Brescia, Italy. Control valve for gas containers. 2,199,040; Apr. 30.
Ceccon, Joe, Moran, Iowa. Spark plug. 2,195,953; Apr. 2.
Cecil, William, New York, N. Y. Pouring can for coffee urns. 2,190,441; Feb. 13.

Čečka, Franz, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Transferring fabric portions. 2,216,066; Sept. 24.
Cecka, Thomas G., assignor to International Milling Company, Buffalo, N. Y. Sifter. 2,191,923; Feb. 27.
Ceco Steel Products Corporation. (See Arens, J. P., and Janda, assignors.)
Cederberg, Ernest J., assignor to R. I. Wood, Caldwell, N. J. Saw setter and filer. 2,223,782; Dec. 3.
Cederberg, Olof V., assignor to McGill Manufacturing Company, Valparaiso, Ind. Bearing. 2,198,376; Apr. 26.
Cederlund, Albert, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread controller for weft replenishing looms. 2,224,594; Dec. 10.
Cederquist, Emanuel L., Los Angeles, Calif. Counter stool back. 2,207,970; July 16.
Cederquist, Nils H., Los Angeles, Calif. Self-aligning counter stool. 2,225,735; Dec. 24.
Cederstrom, Philip, New York, N. Y. Cane crutch. 2,192,766; Mar. 5.
Celanese Corporation of America. (See Addy, C. W., Riley, and Grinnell, assignors.)
Celanese Corporation of America. (See Baggett, John L., assignor.)
Celanese Corporation of America. (See Balch, R. H., Campbell, and Grant, assignors.)
Celanese Corporation of America. (See Bell, A. S., and Wylde, assignors.)
Celanese Corporation of America. (See Beran, Charles F., assignor.)
Celanese Corporation of America. (See Bludworth, Joseph E., assignor.)
Celanese Corporation of America. (See Buckley, H. R., and Schulte, assignors.)
Celanese Corporation of America. (See Croft, Cyril M., assignor.)
Celanese Corporation of America. (See Dingley, R. McV., and Dickie, assignors.)
Celanese Corporation of America. (See Dreyfus, C., and Schneider, assignors.)
Celanese Corporation of America. (See Dreyfus, H., and Fallows, assignors.)
Celanese Corporation of America. (See Dreyfus, H., Finlayson, and Perry, assignors.)
Celanese Corporation of America. (See Dreyfus, H., and Pool, assignors.)
Celanese Corporation of America. (See Dreyfus, H., and Taylor, assignors.)
Celanese Corporation of America. (See Ellis, George H., assignor.)
Celanese Corporation of America. (See Ellis, G. H., and Moncrieff, assignors.)
Celanese Corporation of America. (See Ellis, G. H., and Olpin, assignors.)
Celanese Corporation of America. (See Ellis, G. H., Topham, and Olpin, assignors.)
Celanese Corporation of America. (See Ellis, G. H., and Wesson, assignors.)
Celanese Corporation of America. (See Finlayson, Donald, assignor.)
Celanese Corporation of America. (See Finlayson, D., and Perry, assignors.)
Celanese Corporation of America. (See Finlayson, D., and Latham, assignors.)
Celanese Corporation of America. (See Finlayson, D., and Levers, assignors.)
Celanese Corporation of America. (See Finlayson, D., and Perry, assignors.)
Celanese Corporation of America. (See Finlayson, D., and Wylde, assignors.)
Celanese Corporation of America. (See Groombridge, W. H., and Dee, assignors.)
Celanese Corporation of America. (See Guyler, A. F., and Boaler, assignors.)
Celanese Corporation of America. (See Halin, Jules E., assignor.)
Celanese Corporation of America. (See Hardy, Frederick S., assignor.)
Celanese Corporation of America. (See Howorth, Harmon, assignor.)
Celanese Corporation of America. (See Jackson, T., and Uphill, assignors.)
Celanese Corporation of America. (See Jones, J. E., Davies, and Neilson, assignors.)
Celanese Corporation of America. (See Kimpton, William H., assignor.)
Celanese Corporation of America. (See Kinsella, Edward, assignor.)
Celanese Corporation of America. (See Long, C. J., Johnson, and Swindells, assignors.)
Celanese Corporation of America. (See Lord, G., and Reeves, assignors.)
Celanese Corporation of America. (See Lord, G., and Reeves, assignors.)
Celanese Corporation of America. (See Magnolfi, Corrado, assignor.)
Celanese Corporation of America. (See Mann, R. J., and Mellor, assignors.)
Celanese Corporation. (See Martin, H. E., and Ensor, assignors.)
Celanese Corporation of America. (See McVeigh, W. B., and Hibbert, assignors.)
Celanese Corporation of America. (See Mellor, Albert, assignor.)
Celanese Corporation of America. (See Mellor, A., and Pool, assignors.)
Celanese Corporation of America. (See Moncrieff, Robert W., assignor.)
Celanese Corporation of America. (See Moncrieff, R. W., and Cooke, assignors.)
Celanese Corporation of America. (See Moncrieff, R. W., and Eccles, assignors.)
Celanese Corporation of America. (See Moss, William H., assignor.)
Celanese Corporation of America. (See O'Dowd, Leslie J., assignor.)
Celanese Corporation of America. (See Olpin, H. C., and Ellis, assignors.)
Celanese Corporation of America. (See Oxley, H. F., and Thomas, assignors.)
Celanese Corporation of America. (See Platt, Herbert, assignor.)
Celanese Corporation of America. (See Platt, H., and Sitzler, assignors.)
Celanese Corporation of America. (See Pool, William, assignor.)
Celanese Corporation of America. (See Roberts, R. P., and Dingley, assignors.)
Celanese Corporation of America. (See Roberts, Samuel B., assignor.)
Celanese Corporation of America. (See Rooney, J. H., Daly, and Lowe, assignors.)
Celanese Corporation of America. (See Rooney, J. H., and Hawtin, assignors.)
Celanese Corporation of America. (See Rooney, J. H., and Shaw, assignors.)
Celanese Corporation of America. (See Schneider, George, assignor.)
Celanese Corporation of America. (See Schneider, G., and Whitehead, assignors.)
Celanese Corporation of America. (See Seymour, G. W., and Salvin, assignors.)
Celanese Corporation of America. (See Seymour, G. W., and White, assignor.)
Celanese Corporation of America. (See Sowter, Percy F. C., assignor.)
Celanese Corporation of America. (See Sowter, P. F. C., and Betteridge, assignors.)
Celanese Corporation of America. (See Steinberger, Alfred J., assignor.)
Celanese Corporation of America. (See Taylor, W. I., and Gibbins, assignors.)
Celanese Corporation of America. (See Taylor, W. I., and Woodruff, assignors.)
Celanese Corporation of America. (See Thomas, E. B., and Oxley, assignors.)
Celanese Corporation of America. (See Thompson, Albert, assignor.)
Celanese Corporation of America. (See Uphill, K. M., and Guyler, assignors.)
Celanese Corporation of America. (See Walker, William, assignor.)
Celanese Corporation of America. (See Wesson, A. J., and Ellis, assignors.)
Celanese Corporation of America. (See Whitehead, William, assignor.)
Celanese Corporation of America. (See Wolfe, Kinsey A., assignor.)
Celanese Corporation of America. (See Wrathall, R. T., Allan, and Wainwright, assignors.)
Celanese Corporation of America. (See Wylde, J. R., and Finlayson, assignors.)
Celastic Corporation, The. (See Kumnick, M. C., and Quinlivan, assignors.)
Celluloid Corporation. (See Brown, Joseph H., assignor.)
Celluloid Corporation. (See Caprio, A. F., and Smith, assignors.)
Celluloid Corporation. (See Johnson, Herbert W., assignor.)
Celluloid Corporation. (See Lyng, Carsten, assignor.)
Celluloid Corporation. (See Root, Edward L., assignor.)
Cellulose Research Corporation, The. (See Fleischer, J., and Bailey, assignors.)
Cellulose Research Corporation, The. (See Goff, L. E., Sheldon, Herzog, and Olsen, assignors.)
Cellulose Research Corporation, The. (See Sheldon, Lyle M., assignor.)
Cellulose Research Corporation, The. (See Sheldon, L. M., and Goff, assignors.)
Cellulose Research Corporation, The. (See Sheldon, L. M., Goff, Alderson, and Fisher, assignors.)
Cellulose Research Corporation, The. (See Sheldon, L. M., Goff, Herzog, and Olsen, assignors.)
Celotex Corporation, The. (See Douglas, Wilmot C., assignor.)
Celotex Corporation, The. (See Eckert, Clarence R., assignor.)
Celotex Corporation, The. (See Irvine, Fergus A., assignor.)
Celotex Corporation, The. (See Keating, Walter R., assignor.)
Celotex Corporation, The. (See Landis, Arthur, assignor.)
Celotex Corporation, The. (See Munroe, Treadway B., assignor.)
Celotex Corporation, The. (See Neumeister, Carl L., assignor.)
Celotex Corporation, The. (See Price, Manley, R., assignor.)

Celotex Corporation, The. (See Sorensen, Louis N., assignor.)
Celotex Corporation, The. (See Swenson, George E., assignor.)
Celotex Corporation, The. (See Swenson, G. E., and Frederick, assignors.)
Cement Gun Company. (See Beeby, Frank F., assignor.)
Cement Gun Company. (See Collier, Bryan C., assignor.)
Cen-Tennial Cotton Gin Company. (See Griffin, Dan C., assignor.)
Cen-Tennial Cotton Gin Company. (See Steinhauer, William L., assignor.)
Centeno, V, Melchor, New York, N. Y. Optical filter. 2,186,203; Jan. 9.
Central Commercial Company. (See Koehl, James A., assignor.)
Central Commercial Company. (See Manatt, James, assignor.)
Central Commercial Company. (See Mohler, Valentine J., assignor.)
Central Metallic Casket Co. (See Larson, Raymond, assignor.)
Central Mining and Investment Corporation. (See Woodworth, Leon B., assignor.)
Central National Bank of Cleveland. (See Hopping, John E., assignor.)
Central National Bank of Cleveland. (See Orth, William G., assignor.)
Central National Bank of Cleveland, as trustee. (See Paden, William L., assignor.)
Central National Bank of Cleveland, trustee. (See Coil, Grover C., assignor.)
Central Railway Supply Company. (See Sale, William H., assignor.)
Centrifix Corporation. (See Hawley, Charles G., assignor.)
Centrimatic Transmission Co. (See Budlong, Simeon, assignor.)
Century Lighting, Inc. (See Levy, Joseph, assignor.)
Century Lighting, Inc. (See Levy, J., and Kirk, assignors.)
Century Lighting, Inc. (See Mielziner, J., and Levy, assignors.)
Century Metalcraft Corporation. (See Hayden, S., and Amick, assignors.)
Cercownay, John M., Los Angeles, Calif. Automobile. 2,214,575; Sept. 10.
Cereda, José A., Buenos Aires, Argentina. Mechanism for operating locks, latches, and the like. 2,186,666; Jan. 9.
Ceretti, Aldo, and P. Modigliani, Livorno, Italy, assignors, by mesne assignments, to Owens-Corning Fiberglas Corporation, Toledo, Ohio. System for obtaining thread by drawing, in particular for glass threads with long fibers. 2,219,066; Oct. 22.
Cerf, Harry H., deceased, by I. E. Cerf, administratrix, Gary, Ind. Rail end hardening hood. 2,222,362; Nov. 19.
Cerf, Harry H., and R. C. Britton, Gary, Ind. Rail treating apparatus. 2,211,365; Aug. 13.
Cerf, Inez E., administratrix. (See Cerf, Harry H.)
Cerny, Jacob, and I. Grinspun, Bucharest, Rumania. Portable apparatus for developing and printing films in daylight. 2,210,445; Aug. 6.
Cerny, Joseph A., Cleveland, Ohio, assignor to The Alpha Engineering Company, Inc. Sealing device. 2,189,197; Feb. 6.
Cerny, Joseph A., assignor to The Titan Valve and Manufacturing Company, Cleveland, Ohio. Thermostatic valve mechanism. 2,189,881; Feb. 13.
Cerny, Joseph A., assignor to The Titan Valve and Manufacturing Company, Cleveland, Ohio. Thermostatic valve mechanism. 2,189,882; Feb. 13.
Cerny, Joseph A., assignor to The Titan Valve and Manufacturing Company, Cleveland, Ohio. Thermostatic control mechanism. 2,210,446; Aug. 6.
Cerstvik, Stephen, Union, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Oxygen regulator. 2,197,922; Apr. 23.
Certain-Teed Products Corporation. (See Austin, Frank J., assignor.)
Certain-Teed Products Corporation. (See Codwise, Philip W., assignor.)
Certain-Teed Products Corporation. (See Ernst, Alfred F., assignor.)
Certain-Teed Products Corporation. (See Rahr, Chester E., assignor.)
Certain-Teed Products Corporation. (See Schaus, Walter C., assignor.)
Certain-Teed Products Corporation. (See Williams, Findley, assignor.)
Certified Chemical Company. (See Conway, Joseph D.)
Cervenka, Otto, Union Township, Union County, N. J. Key for piano accordion keyboard and the like. 2,195,238; Mar. 26.
Cervera, Jose, Buenos Aires, Argentina. Receptacle for tooth paste. 2,199,877; May 7.
Ceskoslovenska Zbrojovka, A. S. (See Holek, Václav, assignor.)
Československá Zbrojovka, a. s. (See Tichý, Josef, assignor.)
Československá Zbrojôvka, A. S., Brno. (See Holek, Václav, assignor.)
Československé tovarny na dusíkaté latky ake spol./ Czechoslovakian Nitrogen Works Co. (See Viktora, Václav, assignor.)
Chaaslyn Company, The. (See Linebarger, Charles E., assignor.)
Chable, Jeanne A. V. A. (See Galliot, N. J. A., and Chable.)
Chace, Charles H., Warwick Neck, A. B. Lingley, Cranston, and P. J. McCarthy, Bristol, assignors to Goodyear Footwear Corporation, Providence, R. I. Attaching rubber trim to fabric shoe parts. 2,213,545; Sept. 3.
Chace, Thomas B., Winnetka, Ill. Producing composite metal products. 2,195,614; Apr. 2.
Chace, Thomas B., Winnetka, assignor to Clad Metals Industries, Inc., Chicago, Ill. Cladding metal. 2,190,310; Feb. 13.
Chace, Thomas B., Winnetka, Ill., assignor to Clad Metals Industries, Inc. Composite metal product. 2,193,246; Mar. 12.
Chace, Thomas B., Winnetka, assignor to The Dole Valve Company, Chicago, Ill. Thermostatic metal and thermostatic bimetal. 2,194,738; Mar. 26.
Chace, Thomas B., Winnetka, assignor to Clad Metals Industries, Inc., Chicago, Ill. Producing composite metal products. 2,195,613; Apr. 2.
Chace, Thomas B., Winnetka, Ill., assignor to Clad Metals Industries, Inc., Chicago, Ill. Making composite metal pipe. 2,199,150; Apr. 30.
Chace, Thomas B., Winnetka, assignor to Clad Metals Industries, Inc., Chicago, Ill. Producing clad metal products. 2,211,922; Aug. 20.
Chace, Thomas B., Winnetka, assignor to Clad Metals Industries, Inc., Chicago, Ill. Lining bearing surfaces. 2,220,210; Nov. 5.
Chace, Thomas B., Winnetka, assignor to Clad Metals Industries, Inc., Chicago, Ill. Clad metal and making same. 2,226,695; Dec. 31.
Chace, W. M., Company. (See Bloch, E., and Kahn, assignors.)
Chace, Warren O., Medford, Mass. Agitating and comminuting mechanism. 2,203,404; June 4.
Chadima, Lester C., R. C. Ilten, and E. L. Johnson, assignors to Hubbard Ice and Fuel Company, Cedar Rapids, Iowa. Fluid fuel burner. 2,191,272; Feb. 20.
Chadirjian, Malkon and O., Corona, N. Y. Buckle. 2,186,574; Jan. 9.
Chadirjian, Oscar. (See Chadirjian, Malkon and O.)
Chadwick, Lee S., Shaker Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Liquid fuel range. 2,208,323; July 16.
Chadwick, Lee S., Shaker Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Liquid fuel fired absorption refrigerator. 2,212,364; Aug. 20.
Chadwick, Lee S., Shaker Heights, and C. J. Kessler, Cleveland Heights, assignors to Perfection Stove Company, Cleveland, Ohio. Vaporization control for liquid fuel burners. 2,214,403; Sept. 10.
Chadwick, Richard C. K., Philadelphia, Pa. Waste trap. 2,197,787; Apr. 23.
Chafee, Earl W., New York, N. Y., and B. A. Wittkuhns, Summit, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Fire control device. 2,206,875; July 9.
Chaffee, Edward F., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window construction. 2,185,626; Jan. 2.
Chaffee, Edward F., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window construction. 2,214,222; Sept. 10.
Chaffee, Joseph G., Hackensack, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency modulation system. 2,218,524; Oct. 22.
Chaffin, Emmett K., Fort Myers, Fla. Carburetor. 2,207,533; July 9.
Chafvin, Harry H., Cincinnati, Ohio. Film developing and fixing reel. 2,218,392; Oct. 15.
Chain Belt Company. (See Eickstaedt, Edwin A. C., assignor.)
Chain Belt Company. (See Hanson, Hans A., assignor.)
Chain Belt Company. (See Pedder, F. S., and Longenecker, assignors.)
Chain Belt Company. (See Sparling, William J., assignor.)
Chain Belt Company. (See Viall, George K., assignor.)
Chait, H. G. (See Chait, J. I., and Raak.)
Chait, Julius I., and H. Raak, assignors of one-third to H. G. Chait, Omaha, Nebr. Overalls. 2,187,447; Jan. 16.
Chaix, Pierre L. M., Paris, France. Drafting board. 2,225,903; Dec. 24.
Chalchoff, Louis G., Euclid, Ohio. Clamping device. 2,204,663; June 18.
Chalette, Joseph J., assignor of one-half to M. M. Chalette, Los Angeles, Calif. Exerciser. 2,202,187; May 28.
Chalette, May M. (See Chalette, Joseph J., assignor.)
Chalker, Albert R., Bellevue, Pa., assignor to The Standard Stoker Company, Incorporated. Stoker fuel distributing mechanism. 2,224,375; Dec. 10.
Challenge Cream & Butter Association. (See Mitchel, C. L., and Wetmore, assignors.)
Challenge Machinery Company, The. (See Lee, J. E., and Barney, assignors.)
Challenge Machinery Company, The. (See Lee, J. W., and Barney, assignors.)

Challenger Do-Nut Machine Corporation. (See Carpenter, Charles E., assignor.)
Challet, Etienne, Paris, France, assignor of one-fourth to Entreprises Electriques Fribourgeoises, Fribourg, Switzerland. Electric heating plate. 2,198,761; Apr. 30.
Challis, Ernest W. (See Venning, C. F. D., and Challis.)
Chally, Russell, Morris, Ill. Pasteboard box. 2,210,707; Aug. 6.
Chalmers, James C., Toronto, Ontario, Canada. Clutch actuated brake control means. 2,216,640; Oct. 1.
Chalmers, John W., Deptford, assignor to Molins Machine Company, Limited, Deptford, London, England. Packing of cigarettes and other articles. 2,209,111; July 23.
Chalmers, John W., and D. B. Kidd, Deptford, London, England. Conveyer device. 2,193,918; Mar. 19.
Chalmers, John W., and D. B. Kidd, Deptford, London, assignors to Molins Machine Company, Limited, London, England. Wrapping machine. 2,209,110; July 23.
Chalmers, John W., and D. B. Kidd, Deptford, London, assignors to Molins Machine Company, Limited, London, England. Packet making apparatus. 2,224,779; Dec. 10.
Chalupa, Joseph F., Norwood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine blade manufacture. 2,215,171; Sept. 17.
Chamberlain, Alan H., Melbourne, Victoria, Australia. Piston ring. 2,226,921; Dec. 31.
Chamberlain, Alfred J., Lafayette, La. Container. 2,191,705; Feb. 27.
Chamberlain, Alfred J., Wauwatosa, Wis. Dispensing container. 2,204,176; June 11.
Chamberlain, Benjamin D., Rochester, assignor to F. C. Blomfield, Coldwater, N. Y. Tabulating machine. 2,189,939; Feb. 13.
Chamberlain Corporation. (See Etten, Nicholas L., assignor.)
Chamberlain, Frank E., Bluffton, Ohio. Shampoo heater and dispenser. 2,215,688; Sept. 24.
Chamberlain, Frederick R., Jr., Fortress Monroe, Va. Controlling gunfire. 2,186,007; Jan. 9.
Chamberlain, Inc. (See Francis, John G., assignor.)
Chamberlain, Inc. (See Proeger, William L., assignor.)
Chamberlain, James M. W., Akron, and H. A. Burnip, Cleveland, assignors to United States Stoneware Company, Akron, Ohio. Tower packing. 2,198,861; Apr. 30.
Chamberlain, Joan E., Livingston, Mont. Game apparatus. 2,211,253; Aug. 13.
Chamberlain, Julius P., Homestead, Pa. Platform scale. 2,196,334; Apr. 9.
Chamberlain, Leonard C. (See Irons, C., and Chamberlain.)
Chamberlain, Paul R. (See Tyler, W. E., Douglas, Chamberlain, and Loveland.)
Chamberlin, Coleman R., New York, N. Y. File signal. 2,207,657; July 9.
Chamberlin, Earl A., assignor to Chandler Company, Cedar Rapids, Iowa. Valve for hydraulic control systems. 2,204,885; June 18.
Chamberlin, Jess D., Detroit, Mich. Steering column bushing. 2,193,549; Mar. 12.
Chamberlin, Jess D., Detroit, Mich. Steering column bushing. 2,201,477; May 21.
Chamberlin, John W., and R. E. Bassett, Jr., South Bend, Ind., assignors to Bendix Home Appliances, Inc., Detroit, Mich. Cleaning apparatus. 2,187,770; Jan. 23.
Chamberlin, John W., and R. E. Bassett, Jr., South Bend, Ind., assignors to Bendix Home Appliances, Inc., Detroit, Mich. Washing machine rotor. 2,191,607; Feb. 27.
Chamberlin, John W., and R. E. Bassett, Jr., South Bend, Ind., assignors to Bendix Home Appliances, Inc., Detroit, Mich. Cleaning machine. 2,195,615; Apr. 2.
Chamberlin Metal Weather Strip Company. (See Julien, Louis F., assignor.)
Chambers, Albert M., Jr., and W. R. Jenkinson, Rochester, N. Y., assignors, by mesne assignments, to Elastic Stop Nut Corporation, Elizabeth, N. J. Method of and apparatus for manufacturing lock nuts. 2,202,044; May 28.
Chambers Brothers Company. (See King, Howard K., assignor.)
Chambers, Ivan F., Wilmington, Del., and A. L. Fox, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dye compositions. 2,205,032; June 18.
Chambers, Jewel C., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,205,117; June 18.
Chambers, John E., Shelbyville, Ind. Stove. 2,203,348; June 4.
Chambers, John W., Houston, Tex. Deep well pump. 2,187,679; Jan. 16.
Chambers, Lawrence S. (See Sweet, C. H., and Chambers.)
Chambers, Leslie A., Philadelphia, Pa., and E. W. Smith, Melrose, assignors to Submarine Signal Company, Boston, Mass. Aging alcoholic liquors. 2,196,193; Apr. 9.
Chambers, Morris B., San Francisco, Calif. Electromagnetic brake. 2,191,188; Feb. 20.
Chambers, Nicholas, assignor of one-fourth to L. E. Lau and one-fourth to J. T. Symons, Trenton, N. J. Footrest. 2,213,780; Sept. 3.
Chambers, Raymond, Queens Village, N. Y. Door operating mechanism. 2,218,505; Oct. 22.
Chambers, Thomas A., C. E. Davis, and A. F. Franz, Norristown, and J. T. Whiting, Radnor, Pa. Regenerator furnace. 2,226,922; Dec. 31.
Chambersburg Engineering Company. (See Murray, G. R., and Clarke, assignors.)
Chambless, Ersyl F., Chicago, Ill. Boudoir lamp. 2,222,430; Nov. 19.
Chambless, Ersyl F., Chicago, and J. W. Fay, Villa Park, Ill. Fastener. 2,193,802; Mar. 19.
Chambless, Ersyl F., Chicago, and J. W. Fay, Villa Park, Ill.; said Fay assignor to said Chambless. Trap. 2,222,653; Nov. 26.
Chamblin, Baylus J., Little Rock, Ark. Forming brick and tile. 2,209,643; July 30.
Chambliss, Frank G., Kansas City, Mo., and C. M. Schott, Sandusky, assignors to The Hinde & Dauch Paper Company, Sandusky, Ohio. Egg crate. 2,226,050; Dec. 24.
Chambon Corporation. (See Grupe, William F., assignor.)
Chambon Corporation. (See Wickwire, Arthur M., Jr., assignor.)
Chaminade, Leon A., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Brake. 2,219,764; Oct. 29.
Champagne Paper Corporation. (See Jones, Edwin P., assignor.)
Champayne, Roy J., Rockford, Ill. Pneumatic fender hammer. 2,187,110; Jan. 16.
Champayne, Roy J., Rockford, Ill. Rubbing machine. 2,224,140; Dec. 10.
Champer, Leon E., Atchison, Kans., assignor to The Chemical Foundation, Incorporated. Phenol-cellulose resin. 2,220,062; Nov. 5.
Champer, Leon E., and L. M. Christensen, Atchison, Kans., assignors to The Chemical Foundation, Incorporated, New York, N. Y. Producing phenol-cellulose resin. 2,189,132; Feb. 6.
Champer, Leon E., and L. M. Christensen, Atchison, Kans., assignors to The Chemical Foundation, Incorporated, New York, N. Y. Phenol-cellulose resin. 2,189,133; Feb. 6.
Champer, Leon E., and L. M. Christensen, Atchison, Kans., assignors to The Chemical Foundation, Incorporated, New York, N. Y. Preparation of lignin-phenol resin. 2,221,282; Nov. 12.
Champion Brake Corporation. (See Leiendecker, J. A. and Hyle, assignors.)
Champion Corporation. (See Knoerzer, Otto, assignor.)
Champion, Edgar R., and G. J. Worel, assignors to Investors Syndicate, Minneapolis, Minn. Educational device. 2,192,257; Mar. 5.
Champion Machinery Company. (See Evans, Bernard A., assignor.)
Champion Paper and Fibre Company, The. (See Bennett, Eugene G., assignor.)
Champion Paper and Fibre Company, The. (See Bradner, Donald B., assignor.)
Champion Paper and Fibre Company, The. (See Jones, C. A., and Montgomery, assignors.)
Champion Paper and Fibre Company, The. (See Montgomery, W. J., and Bradner, assignors.)
Champion Paper and Fibre Company, The. (See Murdock, Harold R., assignor.)
Champion Pecan Machine Company, The. (See Meyer, Leo J., assignor.)
Champion Spark Plug Company. (See Barr, John F., assignor.)
Champion Spark Plug Company. (See Jeffery, Benjamin A., assignor.)
Champion Spark Plug Company. (See Twining, E. S., and Sibley, assignors.)
Champion, William J. (See Bjorksten, J., and Champion.)
Champion, William J., La Grange, and J. Bjorksten, assignors to Ditto, Incorporated, Chicago, Ill. Printing plate with smudgeproof edges. 2,225,736; Dec. 24.
Champlain Corporation. (See Weiss, Adolph, assignor.)
Champlin, Franklin J., Dalton, Mass., assignor to General Electric Company. Line drop compensator. 2,218,672; Oct. 22.
Champlin, Franklin J., Dalton, and H. R. West, Pittsfield, Mass., assignors to General Electric Company. Control circuit. 2,219,915; Oct. 29.
Champsaur, Lucien M. C. Paris, France. Manufacture of artificial leather and parchment and products obtained thereby. 2,195,239; Mar. 26.
Chance, A. B., Co. (See Bodenbieck, Henry W., assignor.)
Chance, Albert B., Centralia, Mo. Earth anchor. 2,207,049; July 9.
Chance, George W. (See La May, W. E., and Chance.)
Chance, Thomas M. (See Hague, Harold G.)
Chance, Thomas M. (See Walker, Marcus A., assignor.)
Chancey, Ernest C., Detroit, Mich. Hair treating apparatus. 2,217,729; Oct. 15.
Chandler, Austin S., assignor to The Brown Bag Filling Machine Company, Fitchburg, Mass. Conveyer transfer and seal means. 2,203,079; June 4.
Chandler Company. (See Chamberlin, Earl A., assignor.)
Chandler, Daniel L. (See Ewing, G. W., and Chandler.)
Chandler, Daniel L. (See Ewing, G. W., Chandler, and Walker.)

Chandler, Daniel L., Salem, and G. W. Ewing, Peabody, assignors to Aresee Company Inc., Salem, Mass. Automobile door window mechanism. 2,201,004; May 14.
Chandler, Digby W., assignor to Annin & Co., New York, N. Y. Flag holder. 2,208,358; July 16.
Chandler, Edward F., Brooklyn, assignor of one-fourth to A. C. Nolte, New York, N. Y. Remote control system. 2,208,119; July 16.
Chandler-Evans Corporation. (See Chandler, Milton E., assignor.)
Chandler, Fred K., Des Moines, Iowa. Feed grinding and culturing apparatus. 2,205,898; June 25.
Chandler, Frederick. (See Neate, R. W., and Chandler.)
Chandler, George W., Elkins Park, Pa., assignor to Brunner Manufacturing Company, Utica, N. Y. Compressor system. 2,192,258; Mar. 5.
Chandler, Henry T., assignor to Vanadium Corporation of America, New York, N. Y. Production of cast iron. 2,220,063; Nov. 5.
Chandler, Homer P., assignor to The Ohio Brass Company, Mansfield, Ohio. Portable drill. 2,187,111; Jan. 16.
Chandler, M. E. (See Olson, Elmer, assignor.)
Chandler, Milton E., Detroit, Mich. Airplane engine control. 2,189,705; Feb. 6.
Chandler, Milton E., Detroit, Mich., assignor, by mesne assignments, to Chandler-Evans Corporation, Meriden, Conn. Pressure fed carburetor. 2,224,472; Dec. 10.
Chandler, Milton E., Birmingham, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Fuel heater. 2,196,330; Apr. 9.
Chandler, Milton E., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,222,865; Nov. 26.
Chandler & Price Company, The. (See Jirousek, Joseph F., assignor.)
Chandler & Price Company, The. (See Johnson, Lawrence R., assignor.)
Chandler and Price Company, The. (See Reichart, William M., assignor.)
Chandler & Price Company, The. (See Root, Charles F., assignor.)
Chandler, Robert W., assignor to Graton & Knight Company, Worcester, Mass. Picker. 2,219,380; Oct. 29.
Chandonia, Elmer H., Amelia, assignor to The Lockwood Manufacturing Company, Cincinnati, Ohio. Pan strapping. 2,191,104; Feb. 20.
Chandonia, Elmer H., Amelia, Ohio, assignor to The Lockwood Manufacturing Company, Cincinnati, Ohio. Multiple baking pan structure. 2,198,105; Apr. 23
Chandonia, Elmer H., Amelia, Ohio, assignor to The Lockwood Manufacturing Company, Cincinnati, Ohio. Pan set guide means. 2,198,106; Apr. 23.
Chaney, Albert L., Glendale, and W. R. Lammersen, Los Angeles, Calif., assignors to P. Berman and J. Crail, Jr., as joint trustees. Sterilizing indicator. 2,222,067; Nov. 19.
Chaney, Melvin C., assignor of one-half to W. E. Chaney, Springfield, Ohio. Farming implement. 2,207,087; July 9.
Chaney, Newcomb K., Moylan, Pa., assignor to The United Gas Improvement Company. Polymerization of unsaturated compounds. 2,220,211; Nov. 5.
Chaney, Newcomb K., Rose-Valley, Moylan, Pa., assignor to The United Gas Improvement Company. Production of valuable hydrocarbons. 2,226,531; Dec. 31.
Chaney, William E. (See Chaney, Melvin C., assignor.)
Chang, Carlos R., Guatemala City, Guatemala. Cutter. 2,209,112; July 23.
Chang, William S. (See Singer, Henry, assignor.)
Chant, John, Plymstock, England. Trailing or drag device used with trawl nets. 2,226,196; Dec. 24.
Chantland, Sherman A. (See Goebel, G., and Chantland.)
Chapiewsky, Charlie, Bangor, Wis. Stoker. 2,213,269; Sept. 3.
Chapin, Horace H., assignor to R. E. Chapin Manufacturing Works, Inc., Batavia, N. Y. Tank construction for sprayers. 2,194,112; Mar. 19.
Chapin, R. E., Manufacturing Works, Inc. (See Chapin, Horace H., assignor.)
Chapin, R. E. Manufacturing Works, Inc. (See Goetz, Otto, assignor.)
Chaplin, Charles J. (See Chaplin, Merle P. and C. J.)
Chaplin Corporation. (See Chaplin, Merle P., assignor.)
Chaplin Corporation. (See Chaplin, Merle P. and C. J., assignors.)
Chaplin, John H., West Hartford, assignor to Veeder-Root, Incorporated, Hartford, Conn. Liquid dispensing indicator. 2,207,284; July 9.
Chaplin, Merle P., assignor to Chaplin Corporation, South Portland, Maine. Heated die platen and die. 2,206,276; July 2.
Chaplin, Merle P. and C. J., assignors to Chaplin Corporation, Portland, Maine. Molded pulp article. 2,195,240; Mar. 26.
Chapman, A. D., & Company. (See Chapman, A. D., and Lindgren, assignors.)
Chapman, Alan T., Lyndhurst, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical condenser. 2,224,288; Dec. 10.
Chapman, Alfred D., Chicago, Ill., and R. M. Lindgren, St. Paul, Minn., assignors to A. D. Chapman & Company, Inc., Chicago, Ill. Preservative composition. 2,186,134; Jan. 9.
Chapman, Arthur J., assignor of three-tenths to C. I. Eshleman and two-tenths to R. B. Ryland, Wheeling, W. Va. Golf club. 2,203,893; June 11.
Chapman, Arthur W., Sheffield, England. Means for indicating the extent of a thermal treatment. 2,195,395; Apr. 2.
Chapman, Charles F., Chicago, Ill. Traction producing means. 2,221,777; Nov. 19.
Chapman, Charles W., assignor to F. Perkins Limited, Peterborough, England. Internal-combustion engine of the fuel-injection compression-ignition type. 2,204,068; June 11.
Chapman, Clifford M., assignor of one-third to A. Storm and two-thirds to R. R. Wilkinson, Indianapolis, Ind. Burglar alarm. 2,187,194; Jan. 16.
Chapman, Dan B. (See Johnston, M. O., and Chapman.)
Chapman, Delbert J. (See Catron, H., and Chapman.)
Chapman, Edward C., Lookout Mountain, Tenn., assignor to Combustion Engineering Company, Inc., New York, N. Y. Weld rod coating. 2,220,954; Nov. 12.
Chapman, Edward W., and V. A. Brunson, assignors to Blackmer Pump Company, Grand Rapids, Mich. Nozzle. 2,207,285; July 9.
Chapman Electric Neutralizer Company. (See Chapman, William H., assignor.)
Chapman, Everett, Coatesville, Pa. Car truck. 2,186,008; Jan. 9.
Chapman, Frank D., Berlin, Wis. Receptacle filling machine. 2,220,707; Nov. 5.
Chapman, Frederick B., Greenwich, Conn. Ice-retaining insert for glasses. 2,217,833; Oct. 15.
Chapman, Harold E., Maidstone, England. Ampoule filling machine. 2,193,059; Mar. 12.
Chapman, Mearl J. (See Allen, J. R., and Chapman.)
Chapman, Nelson S., Wichita Falls, Tex. Control valve. 2,218,419; Oct. 15.
Chapman, Penrose E., St. Louis, Mo. Coil winding machine. 2,186,820; Jan. 9.
Chapman, Penrose E., St. Louis, Mo. Coil binding machine. 2,224,180; Dec. 10.
Chapman, Ralph W., Old Town, assignor to W. A. Finnegan, Bangor, Maine. Detachable box handle. 2,198,244; Apr. 23.
Chapman, Roy E., Cincinnati, and J. Cahall, assignors, by mesne assignments, of one-half to I. Barkley, Norwood, Ohio, and one-half to said Cahall. Floor cramp. 2,197,404; Apr. 16.
Chapman Valve Manufacturing Company. (See Goldberg, David D., assignor.)
Chapman Valve Manufacturing Co., The. (See Malcolm, Vincent T., assignor.)
Chapman, Verni J., Schenectady, N. Y., assignor to General Electric Company. Oscillator mechanism. 2,198,472; Apr. 23.
Chapman, Verni J., Schenectady, N. Y., assignor to General Electric Company. Arc welding. 2,216,564; Oct. 1.
Chapman, William H., assignor to Chapman Electric Neutralizer Company, Portland, Maine. Neutralizing apparatus. 2,207,677; July 9.
Chapons, Adolf, Bridgeport, Conn. Airplane. 2,192,595; Mar. 5.
Chappell, Eugene L., Pittsburgh, Pa. Tank support. 2,199,481; May 7.
Chappell, James F., Mineola, Tex. Drilling and coring apparatus. 2,204,844; June 18.
Chappell, James F., Mineola, assignor of one-half to A. H. Lane, Dallas, Tex. Derrick. 2,187,392; Jan. 16.
Chappell, Marvin L., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Disposing of refinery wastes. 2,207,610; July 9.
Chappell, Ralph R., Richmond, Va., assignor to Bendix Aviation Corporation, South Bend, Ind. Variable resistor. 2,211,493; Aug. 13.
Chappell, Ralph R., Richmond, Va., and R. B. Colt, Baltimore, Md., assignors to Bendix Aviation Corporation, South Bend, Ind. Wind intensity and direction transmitter and indicator. 2,191,955; Feb. 27.
Chappell, Ralph R., Richmond, Va., and R. B. Colt and D. McCormack, Baltimore, Md., assignors to Bendix Aviation Corporation, South Bend, Ind. Temperature controlling means. 2,205,164; June 18.
Chappell, Ralph R., Richmond, Va., and R. B. Colt, Baltimore, Md., assignors to Bendix Aviation Corporation, South Bend, Ind. Chart drive regulator. 2,214,522; Sept. 10.
Chappell, Ralph R., Richmond, Va., and R. B. Colt, Baltimore, Md., assignors to Bendix Aviation Corporation, South Bend, Ind. Multiple traverse recorder. 2,215,542; Sept. 24.
Chappelle, Fredric J., St. Louis, Mo. Loading and unloading device. 2,199,097; Apr. 30.
Chappuis, John A., Peseux, Switzerland, assignor to Talon, Inc. Machine for making fastener stringers. 2,205,616; June 25.
Charbonneau, Allan P. (See Kuhn, C. W., and Charbonneau.)
Charch, William H., Buffalo, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial cellulosic material bonded to rubber and producing the bond. 2,211,945; Aug. 20.

Charch, William H., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic solvent soluble cellulosic film plasticized with branched chain methyl butane diols. 2,219,296; Oct. 29.
Chard, George F., Elmwood Park, assignor of one-half to J. M. Sachs, Chicago, Ill. Hyraulic brake. 2,189,134; Feb. 6.
Charles, Carl L., Winnetka, Ill., assignor to Gas Tool Patents Corporation. Timer for internal combustion hammers. 2,216,641; Oct. 1.
Charles, Carl L., Winnetka, Ill., assignor to Gas Tool Patents Corporation. Internal combustion drill. 2,223,095; Nov. 26.
Charles, Carl L., Winnetka, Ill., assignor to Gas Tool Patents Corporation. Drill rotating device. 2,225,531; Dec. 17.
Charles, Fernand L. (See Reid, Daniel S., assignor.)
Charles, James A., near Clearwater, Kans. Harrow attachment for drills. 2,187,898; Jan. 23.
Charlotte Chemical Laboratories, Inc. (See Oliver, Thomas C., assignor.)
Charlton, Ernest E., Schenectady, N. Y., assignor to General Electric Company. Electric discharge device and manufacture. 2,185,832; Jan. 2.
Charlton, George, Battle Creek, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Poppet valve blank and making same. 2,193,088; Mar. 12.
Charlton, George, Battle Creek, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Heat erosion resistant alloy. 2,227,065; Dec. 31.
Charlton, George, Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Heat erosion resistant alloy. 2,202,648; May 28.
Charlton, William, R. Hill, E. E. Walker, and R. B. Waters, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture of pigmented coating compositions. 2,199,557; May 7.
Charmoy, Harry, Long Island City, N. Y., assignor to Hatfield Wire & Cable Co., Hillside, N. J. Electrical plug connector. 2,216,157; Oct. 1.
Charms Company. (See Krout, Ray W., assignor.)
Charnock, Arnold, West New Brighton, Staten Island, N. Y. Lock for fire extinguishers. 2,221,370; Nov. 12.
Charnwood Engineering Company Limited. (See Clarke, Albert V., A. E., and A. L., assignors.)
Charroin, Frank B., San Diego, Calif. Group sprinkling apparatus. 2,196,456; Apr. 9.
Charters, David B. (See Mueller, E. O., and Charters.)
Charters, George W., Camas, Wash. Coating evening means for paper laminating machines. 2,221,441; Nov. 12.
Chartock, Samuel M., Brooklyn, and A. M. Franchi, New York, N. Y. Brake. 2,224,215; Dec. 10.
Chase Brass & Copper Co. (See Cartwright, Eugene M., assignor.)
Chase Brass and Copper Co. (See Daniels, Harold C., assignor.)
Chase Brass & Copper Co. (See Recker, Adolph C., assignor.)
Chase Brass & Copper Co. (See Wendel, Frans B., assignor.)
Chase Brass & Copper Co. Incorporated. (See Crampton, Donald K., assignor.)
Chase Brass & Copper Co. Incorporated. (See Daniels, Harold C., assignor.)
Chase Brass & Copper Co. Incorporated. (See King, J. E., and Hale, assignors.)
Chase Brass & Copper Co. Incorporated. (See Smith, Walter L., assignor.)
Chase Brass & Copper Co. Incorporated. (See Wood, Maurice L., assignor.)
Chase, Fielding, Boston, Mass. Dry mop. 2,221,305; Nov. 12.
Chase, Frank C., Brooklyn, N. Y., and J. D. Hulsmann, Paterson, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Dispensing apparatus. 2,209,956; Aug. 6.
Chase, James F. (See Dowrick, T., and Chase.)
Chase, Julian, Woodbury, Conn. Manikin. 2,213,270; Sept. 3.
Chase, Philip H., Bala Cynwyd, Pa. Electric protective system. 2,199,658; May 7.
Chase, Philip H., Bala-Cynwyd, Pa. Signal. 2,213,834; Sept. 3.
Chase-Shawmut Company, The. (See McEntee, James A., assignor.)
Chase-Shawmut Company, The. (See Wood, Morris B., assignor.)
Chase, Stephen, IV, Kenilworth, Ill. Billboard framing and blanking means. 2,209,957; Aug. 6.
Chase, Stephen, IV, Kenilworth, Ill. Billboard display posting. 2,209,958; Aug. 6.
Chase, Theron P., assignor to General Motors Corporation, Detroit, Mich. Hydraulic brake. 2,219,765; Oct. 29.
Chastain, Clifton M., and S. Johnson, Mineral Wells, Tex. Multivane intake control valve. 2,215,030; Sept. 17.
Chastain, George M., Jr., South River, N. J., assignor of one-half to Hercules Powder Company, Wilmington, Del., and one-half to Baker & Company, Inc., Newark, N. J. Reacting gas mixtures by means of precious metal catalysts. 2,226,113; Dec. 24.
Chater, John A., Medina, assignor to Niagara Sprayer and Chemical Co., Inc., Middleport, N. Y. Dusting machine. 2,206,876; July 9.
Chatillon, John, & Sons. (See Ericksen, Olaf, assignor.)
"Chatillon" Societa Anonima Italiana per le Fibre Tessili Artificiali. (See Nai, Alfredo, assignor.)
Chatterley, Philip. (See Gibson, W. G., McDonald, and Chatterley.)
Chatterton, R. M. (See Riggs, Lewis W., assignor.)
Chattin, R. C. (See Ausman, Ralph B., assignor.)
Chaussabel, Jules L., Baldwin, N. Y. Dyeing machine. 2,218,811; Oct. 22.
Chaussee, Francis P., Missoula, Mont. Tire chain. 2,207,971; July 16.
Chauvet, Albert L., Piedmont, Calif. Nonflare headlight. 2,212,876; Aug. 27.
Chavannes, Marc A. (See Schwartz, F. F., and Chavannes.)
Chayne, Charles A., and E. F. Reynolds, Flint, assignors to General Motors Corporation, Detroit, Mich. Horn Button. 2,193,223; Mar. 12.
Chayne, Charles A., and J. Dolza, Flint, assignors to General Motors Corporation, Detroit, Mich. Valve mechanism temperature regulator. 2,224,376; Dec. 10.
Cheatham Electric Switching Device Co. (See Stolp, Samuel S., assignor.)
Cheatham Electric Switching Device Co. (See Stolp, S. S., and Sutton, assignors.)
Cheek, Tolbert F., New York, and L. G. Collyer, Congers, assignors to Welte-Mignon Piano Corporation, Inc., Brooklyn, N. Y. Automatic gear shifting mechanism. 2,190,256; Feb. 13.
Cheeley, Charles I., Grants Pass, Oreg. Breeding season boot for male turkey's foot. 2,197,537; Apr. 16.
Cheeseman, Charles H. (See Putnam, C. A., Robbins, and Cheeseman.)
Cheeseman, Henry W., assignor to Sprague Meter Company, Bridgeport, Conn. Gas regulator. 2,215,419; Sept. 17.
Cheesman, Richard D., and R. Bernhard, Allentown, Pa., assignors to Traylor Engineering & Manufacturing Company. Tube cooler. 2,218,873; Oct. 22.
Cheetham, Harold C. (See Myers, R. J., and Cheetham.)
Cheever, Frank E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Taper attachment for lathes. 2,227,178; Dec. 31.
Chelius, Edward J., Pittsburgh, Pa. Production of stainless steels. 2,226,967; Dec. 31.
Chemical Construction Corporation. (See Barnes, Blakeslee, assignor.)
Chemical Construction Corporation. (See Barnes, B., and Broughton, assignors.)
Chemical Construction Corporation. (See Barnes, B., and Titlestad, assignors.)
Chemical Construction Corporation. (See Bartholomew, Frank J., assignor.)
Chemical Construction Corporation. (See Hechenbleikner, I., and Titlestad, assignors.)
Chemical Construction Corporation. (See Richardson, Ralph S., assignor.)
Chemical Construction Corporation. (See Titlestad, Nicolay, assignor.)
Chemical Construction Corporation. (See Titlestad, N., and Bright, assignors.)
Chemical Extraction Corporation. (See Rader, Lyell M., assignor.)
Chemical Foundation, The. (See Christensen, Leo M., assignor.)
Chemical Foundation, Incorporated, The. (See Champer, Leon E., assignor.)
Chemical Foundation, Incorporated, The. (See Champer, L. E., and Christensen, assignors.)
Chemical Foundation, Incorporated, The. (See Christensen, Leo M., assignor.)
Chemical Foundation, Incorporated, The. (See Christensen, L. M., and Miller, assignors.)
Chemical Foundation, Incorporated, The. (See Hixson, A. W., and Miller, assignors.)
Chemical Foundation, Incorporated, The. (See McPherson, W. K., and Christensen, assignors.)
Chemical Foundation, Incorporated, The. (See Pegram, George B., assignor.)
Chemical Foundation, Incorporated, The. (See Underkofler, L. A., and McPherson, assignors.)
Chemical Foundation, Incorporated, The. (See Weil, Paul, assignor.)
Chemical Industry in Basle. (See Graenacher, C., and Sallmann, assignors.)
Chemical Marketing Company. (See Dittrich, Egbert, assignor.)
Chemical Marketing Company Inc. (See Elöd, Egon, assignor.)
Chemical Marketing Company Inc. (See Guertler, William, assignor.)
Chemical Marketing Company Inc. (See Loebich, Otto.)
Chemical Marketing Company Inc. (See Reichert, Theophil, assignor.)
Chemical Marketing Company Inc. (See Spanner, Jakob, assignor.)
Chemical Marketing Company Inc. (See Spanner, J., and Leuser, assignors.)
Chemical Marketing Company Inc. (See Stephan, Walter, assignor.)
Chemical Marketing Company Inc. (See Weimann, Max, assignor.)
Chemical Products Corporation. (See Hoelscher, E. H., and Tour, assignors.)

Chemical Seed Treating and Delinting Corporation. (See Kettenbach, Oscar L., assignor.)
Chemical Works formerly Sandoz. (See Kartaschoff, V., and Steinemann, assignors.)
Chemical Works formerly Sandoz. (See Lier, Heinrich, assignor.)
Chemical Works of Gedeon Richter, Ltd. (See Geiger, E., Vargha, and Richter, assignors.)
Chemical Works of Gedeon Richter, Ltd. (See Kaiser, Emil, assignor.)
Chemipulp Process, Inc. (See Dunbar, Thomas L., assignor.)
Chemische Fabrik Budenheim Aktiengesellschaft. (See Küchler, E. Hermes, and von Dobeneck, assignors.)
Chemische Fabrik Budenheim Aktiengesellschaft. (See Michels, Anton, assignor.)
Chemische Fabrik Grunau Landshoff & Meyer A. G. (See Nassau, M., Sommer, and Wiegand, assignors.)
Chemische Fabrik Promonta G. m. b. H. (See Kröper, H., and Thomae, assignors.)
Chemische Fabrik R. Baumheier Kommanditgesellschaft, (See Kern, Rudolf, assignor.)
Chemische Fabrik von Heyden, A. G. (See Müller, R., and Lee, assignors.)
Chemische Fabrik Von Heyden Aktiengesellschaft. (See Buchheim, K., and Pflugk, assignors.)
Chemische Forschungsgesellschaft m. b. H. (See Berg, Herbert, assignor.)
Chemische Forschungsgesellschaft m. b. H. (See Berg, H., and von Putzer Reybegg, assignors.)
Chemische Forschungs-gesellschaft, m. b. H. (See Herrmann, W. O., and Haehnel, assignors.)
Chemische Werke, vorm. H. & E. Albert. (See Bornemann, F., Huber, and Mengele, assignors.)
Chenault, Roy L., Penn Township, Allegheny County, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Reciprocating fluid motor driven pump. 2,191,369; Feb. 20.
Chenault, Roy L., Penn Township, Allegheny County, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Apparatus for controlling fluids in oil wells. 2,191,370; Feb. 20.
Chenault, William B., Wellsville, assignor to Sinclair Refining Company, New York, N. Y. Dewaxing apparatus. 2,211,098; Aug. 13.
Cheney Bigelow Wire Works. (See Peterson, Guy M., assignor.)
Cheney, Charles W., Soho, Birmingham, England. Slidable bolt fastening for attaché and suit cases and the like. 2,212,914; Aug. 27.
Cheney, Charles W., Soho, Birmingham, England. Machine for attaching fastenings to attaché cases, trunks, and the like. 2,221,832; Nov. 19.
Cheney, Ralph H., Des Moines, Iowa. Leg guard. 2,185,456; Jan. 2.
Cheney, Thomas A., assignor of one-half to H. J. Krinke, Seattle, Wash., and one-half to himself. Radio receiving set time control device. 2,187,373; Jan. 16.
Cheney, Wallace E., Milwaukee, Wis. Elevator. 2,212,388; Aug. 20.
Cheney, Zelta B., San Francisco, Calif. Hair dressing implement. 2,221,757; Nov. 19.
Cheng, Kuo Yu, Cincinnati, Ohio. Transmission. 2,201,847; May 21.
Chenoweth, Avery H., Mason City, Ill. Making dentures. 2,225,857; Dec. 24.
Chenoweth, Edwin J. R., Renville, Minn. Reduction mill. 2,193,163; Mar. 12.
Chenoweth, Ray M. (See Whitehead, C. L., Chenoweth, Irwin, Duval, Huntley, Rule, and Lewis.)
Cherné, Abraham, Cricklewood, London, assignor to Roll-Tainer (Proprietary) Limited, Hatton Garden, London, England. Form-retaining appliance for wearing apparel. 2,206,161; July 2.
Chernow, Michael, Brooklyn, N. Y. Monogram unit. 2,200,540; May 14.
Chernow, Michael, Brooklyn, N. Y. Jewelry. 2,209,714; July 30.
Chernow, Michael, New York, N. Y. Initial application. 2,206,806; July 2.
Chernow, Michael, New York, N. Y. Key chain. 2,224,721; Dec. 10.
Chernow, Paul, Los Angeles, Calif. Automatic electric lawn mower. 2,185,659; Jan. 2.
Cheronis, Nicholas D., Chicago, Ill. Preparation of amino compounds. 2,225,155; Dec. 17.
Cherrington, George H., Pittsburgh, Pa. Endless grinding and polishing belt. 2,189,754; Feb. 13.
Cherry-Burrell Corporation. (See Dalzell, Charles B., assignor.)
Cherry-Burrell Corporation. (See Dalzell, C. B., and Miner, assignors.)
Cherry-Burrell Corporation. (See Deletzke, Norman E. H., assignor.)
Cherry-Burrell Corporation. (See Feldmeier, H., and Astle, assignors.)
Cherry-Burrell Corporation. (See Fielder, H. S., and Ott, assignors.)
Cherry-Burrell Corporation. (See Fogg, J. W., and Fruhling, assignors.)
Cherry-Burrell Corporation. (See Lippold, Adolph J., assignor.)
Cherry-Burrell Corporation. (See Miner, Ralph K., assignor.)
Cherry-Burrell Corporation. (See Trier, C. L., and Livingston, assignors.)
Cherry, Leslie, Wichita Falls, Tex. Log writing machine. 2,194,382; Mar. 19.
Cherry, Oscar A., Chicago, Ill., assignor to The Glidden Company, Cleveland, Ohio. Esterifying phenolic hydroxyls. 2,212,509; Aug. 27.
Cherry, Oscar A., Chicago, Ill., and C. A. Cabell, Washington, D. C., assignors to Economy Fuse & Manufacturing Company, Chicago, Ill. Preparing a transparent laminated tube. 2,207,116; July 9.
Cherryfield Corporation, et al. (See Wallace, Archibald L., assignor.)
Cherry Growers, Inc. (See Weir, Perry, assignor.)
Chertkof, Jack O., Baltimore, Md. Light transmitting structure. 2,198,450; Apr. 23.
Chertok, Joseph. (See Kimble, H. K., and Chertok.)
Chervenka, G. R., St. Louis, and L. A. Maune, Richmond Heights, assignors to Fred Medart Manufacturing Company, St. Louis, Mo. Basketball backstop. 2,194,786; Mar. 26.
Chesler, Abraham E., Woodmere, N. Y. Safety device for vehicles. 2,198,862; Apr. 30.
Chesler, Isidor, Oceanport, N. J., assignor to Eagle Pencil Company, New York, N. Y. Pencil and crayon rod. 2,220,992; Nov. 12.
Chesler, Isidor, Oceanport, N. J., assignor to Eagle Pencil Company, New York, N. Y. Pen point and making the same. 2,224,289; Dec. 10.
Chesler, Isidor, New York, and K. M. Herstein, Brooklyn, assignors to Eagle Pencil Company, New York, N. Y. Synthetic tool die and the manufacture thereof. 2,219,442; Oct. 29.
Chesley, Charles W. (See Spencer, Henry B., assignor.)
Chesley, Kenneth G., assignor to Crossett Chemical Company, Crossett, Ark. Acid inhibitor. 2,223,299; Nov. 26.
Chesman, Louis L., Port Clinton, Ohio. Brake mechanism. 2,218,812; Oct. 22.
Chesnut, John D. (See Grau, H. E., and Chesnut.)
Chesny, Heinz H., Worksop, England. Manufacture of crystalline magnesium hydroxide. 2,224,780; Dec. 10.
Chess & Wymond, Incorporated. (See Schorck, Frank B., assignor.)
Chesson, Andrew J., Miami, Fla. Water softening devices. 2,195,616; Apr. 2.
Chester, Bernard. (See Glassberg, M., Chester, and Honig.)
Chester, Bernard B., Kingston, and O. A. Trnka, Saugerties, N. Y. Pinking machine. 2,190,651; Feb. 20.
Chester, Edwin T., et al. (See Foster, James D., assignor.)
Chester, Frank R., assignor to F. R. Chester, Corporation, Seattle, Wash. Power driven liquefier. 2,203,672; June 11.
Chester, Frank R., Corporation. (See Chester, Frank R., assignor.)
Chester, Walter, Center Line, Mich. Protective mat for stoves. 2,196,624; Apr. 9.
Chesterfield, Percy C., Latrobe, Pa. Alloy. 2,214,810; Sept. 17.
Chevassus, Gustave, San Francisco, Calif. Receiver and transmitter for telephone desk sets. 2,214,992; Sept. 17.
Cheves, Samuel A., Hapeville, Ga. Shade-roller bracket. 2,191,008; Feb. 20.
Chevrette, Omer J., West Warren, Mass. Mode of painting. 2,194,588; Mar. 26.
Chew, William L., assignor to L. W. Hay, New York, N. Y. Sadiron holder. 2,224,781; Dec. 10.
Chicago Bridge & Iron Company. (See Hines, Clarence W., assignor.)
Chicago By-Products Corporation. (See Wittmann, Robert A., assignor.)
Chicago, City of. (See Baylis, John R., assignor.)
Chicago Coin Machine Mfg. Co. (See Koci, Jerry C., assignor.)
Chicago Curtain Stretcher Company. (See Carlson, Clarence G., assignor.)
Chicago Development Company. (See Anderson, Clarence T., assignor.)
Chicago Development Company. (See Dean, Reginald S., assignor.)
Chicago Development Company. (See Long, James R., assignor.)
Chicago Die Casting Manufacturing Company. (See Koch, Paul F., assignor.)
Chicago Drainboard Co. (See Drain, Herbert D., assignor.)
Chicago Electric Manufacturing Company. (See Benson, Bernhart A., assignor.)
Chicago Electric Manufacturing Company. (See Ebert, Edward A., assignor.)
Chicago Electric Manufacturing Company. (See Gough, James J., assignor.)
Chicago Electric Manufacturing Company. (See Rodwick, Frank, assignor.)
Chicago Faucet Company. (See Steen, Harry S., assignor.)
Chicago Flexible Shaft Company. (See Jepson, Ivar, assignor.)
Chicago Flexible Shaft Company. (See Jepson, I., and Bylund, assignors.)

Chicago Flexible Shaft Company. (See Koci, Ludvik J., assignor.)
Chicago Flexible Shaft Company. (See Lynch, John W., assignor.)
Chicago Flexible Shaft Company. (See Wright, Horace C., assignor.)
Chicago Forging & Manufacturing Company. (See Hill, Rowland, assignor.)
Chicago Forging & Manufacturing Co. (See Hynes, Dibrell P., assignor.)
Chicago Forging & Manufacturing Company. (See Krause, Walter H., assignor.)
Chicago Forging & Manufacturing Company. (See Peterson, Arthur E., assignor.)
Chicago Hardware Foundry Company. (See Franklin, Raymond J., assignor.)
Chicago Jack Company. (See Rasch, Martin, assignor.)
Chicago Metal Hose Corporation. (See Farrar, John F. P., assignor.)
Chicago Metal Hose Corporation. (See Fentress, D. W., and Dreyer, assignors.)
Chicago Metal Hose Corporation. (See Fentress, James, assignor.)
Chicago Metal Hose Corporation. (See Johnson, A. F., and Rawson, assignors.)
Chicago Metallic Manufacturing Company. (See Langel, Adrien L., assignor.)
Chicago Mill and Lumber Company. (See Hovorka, William T., assignor.)
Chicago Patent Corporation. (See Bellah, William H., assignor.)
Chicago Patent Corporation. (See Steffens, Fred C., assignor.)
Chicago Pneumatic Tool Company. (See Amtsberg, Lester A., assignor.)
Chicago Pneumatic Tool Company. (See Coates, Charles B., assignor.)
Chicago Pneumatic Tool Company. (See Fitch, Clifford E., assignor.)
Chicago Pneumatic Tool Company. (See Hutchison, Miller R., Jr., assignor.)
Chicago Pneumatic Tool Company. (See Reed, Clarence E., assignor.)
Chicago Pneumatic Tool Company. (See Stevens, E. W., and Roberts, assignors.)
Chicago Printed String Company. (See Hermann, Wolfgang, assignor.)
Chicago Pump Company. (See Durdin, Augustus C., Jr., assignor.)
Chicago Railway Equipment Company. (See Adas, Thomas L., assignor.)
Chicago Railway Equipment Company. (See Busse, Edwin G., assignor.)
Chicago Railway Equipment Company. (See Ekholm, H. W., and Jobson, assignors.)
Chicago Railway Equipment Company. (See Le Beau, Ernest A., assignor.)
Chicago Railway Equipment Company. (See Wasberg, Axel, assignor.)
Chicago Rawhide Manufacturing Company. (See Gardner, Allen F., assignor.)
Chicago Rawhide Manufacturing Company. (Se Olsen, John C., assignor.)
Chicago Retort & Fire Brick Company. (See Van Schoik, Elmer H., assignor.)
Chicago Roller Skate Company. (See Floten, Donald W., assignor.)
Chicago Sales and Building Supply Co. (See Gessler, Samuel, assignor.)
Chicago Telephone Supply Company. (See Schellenger, Newton C., assignor.)
Chicago Television & Research Laboratories, Inc. (See McCreary, Harold J., assignor.)
Chicago Venetian Blind Company. (See Schmitz, Herbert J., assignor.)
Chicago Vitreous Enamel Products Co. (See Walters, Durwood B., assignor.)
Chick, Gilbert H., Oakland, Calif. Sacral rest. 2,20,541; May 14.
Chidichimo, John. (See Puppo, N., and Chidichimo.)
Chiesa, Joe D., Broadus, Mont. Stropper. 2,194,739; Mar. 26.
Chievitz, William J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Oil seal. 2,188,854; Jan. 30.
Chievitz, William J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Oil seal. 2,188,855; Jan. 30.
Chievitz, William J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Oil or dust flinger for bearings. 2,188,856; Jan. 30.
Chievitz, William J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Oil seal. 2,188,857; Jan. 30.
Chievitz, William J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Oil seal. 2,188,858; Jan. 30.
Child, Arthur J., Bushey Heath, J. C. Hall, Wimbledon, London, and J. W. Stobart, Merton, London, assignors of one-fourth to W. Smith, London, England. Photographic printing machine. 2,201,885; May 21.
Child, Arthur J., Bushey Heath, J. C. Hall, Wimbledon, London, and J. W. Stobart, Merton, London, assignors of one-fourth to W. Snuth, London, England. Photographic camera. 2,217,793; Oct. 15.
Childress, James H., La Salina, Venezuela, assignor to Standard Oil Development Company. Barge for submarine pipe laying. 2,215,460; Sept. 24.
Childress, William C., Oak Park, assignor to Acme Steel Company, Chicago, Ill. Electrically driven stretching tool. 2,204,572; June 18.
Childress, William C., Oak Park, assignor to Acme Steel Company, Chicago, Ill. Strap sealing apparatus. 2,223,164; Nov. 26.
Childs, Henry R., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Continuous process for the manufacture of cellulose derivative cut staple yarn. 2,186,135; Jan. 9.
Childs, Kenneth L., New Haven, Conn. Frying apparatus. 2,219,949; Oct. 29.
Childs, Kenneth L., New Haven, Conn. Frying apparatus. 2,219,950; Oct. 29.
Childs, William L., assignor to Reed Roller Bit Company, Houston, Tex. Reamer. 2,189,039; Feb. 6.
Chile Exploration Company. (See Campbell, Thomas A., assignor.)
Chiles, Harrell E., Seagraves, Tex., assignor to Reed Roller Bit Company, Houston, Tex. Bit. 2,212,729; Aug. 27.
Chilo, Paul, Chicago, Ill. Lamp shade mounting means. 2,209,151; July 23.
Chilton, Roland, Ridgewood, N. J. Engine starter. 2,209,049; July 23.
Chilton, Roland, Ridgewood, N. J. Variable area- and camber wing. 2,222,935; Nov. 26.
Chilton, Roland, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Dynamic damper guided for translational and polar movement. 2,225,098; Dec. 17.
Chilton, William D., assignor to General Motors Corporation, Detroit, Mich. Trim material cutter 2,222,528; Nov. 19.
Ching, John F., Berkeley, Calif. Door lock. 2,202,086; May 28.
Chinnici, Salvatore, Vineland, N. J. Machine for pressing seams. 2,197,448; Apr. 16.
Chinnici, Salvatore, Vineland, N. J. Machine for pressing seamed material. 2,226,197; Dec. 24.
Chinoin Gyogyszer es Vegyeszeti Termekek Gyara R. T. (See Weisz, Rezsö, assignor.)
Chipley, Alfred S., assignor, by mesne assignments, to Burgess Battery Company, Chicago, Ill. Apparatus for silencing and separating solid particles from pulsating gas streams. 2,196,491; Apr. 9.
Chipley, Alfred S., assignor, by mesne assignments, to Burgess Battery Company, Chicago, Ill. Silencing device for pulsating gases. 2,205,899; June 25.
Chirelstein, Nathan, Chicago, Ill. Attachment plug cap. 2,186,751; Jan. 9.
Chirelstein, Nathan, Chicago, Ill. Attachment plug. 2,187,489; Jan. 16.
Chisholm, Clifton, Cleveland, Ohio. Inking mechanism for printing machines. 2,210,064; Aug. 6.
Chisholm, Harry L., Jr. (See Peo, R. F., Chisholm, and Linsley.)
Chisholm, Harry L., Jr., assignor to Houde Engineering Corporation, Buffalo, N. Y. Transmission control means. 2,211,811; Aug. 20.
Chisholm, Harry L., Jr., assignor to Houde Engineering Corporation, Buffalo, N. Y. Automobile transmission control. 2,223,406; Dec. 3.
Chisholm-Ryder Co. (See Benson, George O., assignor.)
Chisholm-Ryder Company. (See de Back, William, assignor.)
Chisholm-Ryder Company. (See Wheeler, Henry J., assignor.)
Chittenden, Fayette D., Rumford, and H. Manchester, Providence, R. I., assignors to United States Rubber Company, New York, N. Y. Machine for making elastic yarn. 2,210,883; Aug. 13.
Chittenden, Fayette D., Rumford, and K. J. Rupprecht, Barrington, R. I., assignors to United States Rubber Company, New York, N. Y. Making elastic yarn. 2,210,884; Aug. 13.
Chittenden, Windsor N., Chagrin Falls, assignor, by mesne assignments, to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Combination tool head and grinding machine. 2,212,855; Aug. 27.
Chittick, Kenneth A., Haddonfield, and M. C. Jones, Hadden Heights, N. J., assignors to Radio Corporation of America. Radio receiving system. 2,209,959; Aug. 6.
Chittick, Martin B., Wilmette, assignor to The Pure Oil Company, Chicago, Ill. Coating composition, preparing the same, and its application. 2,194,439; Mar. 19.
Chittick, Martin B., assignor to The Pure Oil Company, Chicago, Ill. Solid lubricant. 2,225,684; Dec. 24.
Chittick, Martin B., Wilmette, and A. F. Schlandt, assignors to The Pure Oil Company, Chicago, Ill. Wire rope lubricant. 2,211,254; Aug. 13.
Chittum, Hugh H., et al. (See Birmingham, Raymond A., assignor.)
Chitwood, Henry C. (See Law, G. H., and Chitwood.)
Chitwood, Henry C. (See McNamee, R. W., Chitwood, and Law.)
Chladek, Wilhelm, Berlin-Pankow, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Machining tool. 2,221,574; Nov. 12.
Chloupek, Eugene J., Wilmette, Ill. Educational mechanical toy. 2,193,447; Mar. 12.

Chmura, John, Marmarth, N. C. Anchoring. 2,202,336; May 28.
Chobert, Jacques F. G., Saint Etienne, France. Rotatable fastening device. 2,216,385; Oct. 1.
Cholet, Prosper E. (See Dorian, Lucien, assignor.)
Choppin, Arthur R., Baton Rouge, La., and E. L. Winborn, Lumberton, Miss., assignors to The Rice Millers' Association, New Orleans, La. Cooking rice. 2,195,165; Mar. 26.
Choppin, Arthur R., Baton Rouge, La., and E. L. Winborn, Lumberton, Miss., assignors to The Rice Millers' Association, New Orleans, La. Cooking apparatus. 2,213,623; Sept. 3.
Chorpening, Creed M., assignor to Astatic Microphone Laboratory, Inc., Youngstown, Ohio. Sound control apparatus. 2,212,389; Aug. 20.
Chott, Edward L., Chicago, Ill. Articulator. 2,200,058; May 7.
Chott, Edward L., assignor of one-half to H. J. Chott, Chicago, Ill. Dental amalgamator. 2,201,428; May 21.
Chott, Edward L., Chicago, Ill. Mortar and pestle. 2,209,386; July 30.
Chott, Hugo J. (See Chott, Edward L., assignor.)
Chouffet, Pierre, Paris, France. Writing pen. 2,194,689; Mar. 26.
Chouinard, Alfred F., assignor to R. T. Moloney, Chicago, Ill. Ball rolling game. 2,222,403; Nov. 19.
Chouings, Leslie C. (See Hayes, C., and Chouings.)
Chreitzberg, Bond P., Georgetown, Tex. Fishing float. 2,190,113; Feb. 13.
Chrisman, Horace. (See Seibert, N. J., and Chrisman.)
Christ, Elsie C., Westbury, N. Y. Combined illuminating and cooking means. 2,213,304; Sept. 3.
Christ, Karl, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Arrangement for modulating high-frequency oscillations. 2,223,058; Nov. 26.
Christ, Robert E. (See Brubaker, M. M., Christ, and Coffman.)
Christaldi, Peter S., Clifton, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Cathode-ray tube. 2,225,099; Dec. 17.
Christe, Walter E., Peoria, Ill. Hearing device. 2,206,807; July 2.
Christel, William F., Valders, Wis., assignor to Canning Industry Research, Inc., Washington, D. C. Means for determining toughness. 2,227,216; Dec. 31.
Christen, Fritz, Zurich-Altstetten, Switzerland. Magnesium alloy. 2,188,239; Jan. 23.
Christen, Fritz, Zurich-Altstetten, Switzerland. Magnesium alloy. 2,198,762; Apr. 30.
Christen, Fritz, Zurich-Altstetten, Switzerland. Magnesium alloys. 2,227,334; Dec. 31.
Christen, Fritz, Zurich-Alstetten, Switzerland. Magnesium alloys. 2,227,335; Dec. 31.
Christen, Victor H., Detroit, Mich. Windshield wiper blade. 2,186,193; Jan. 9.
Christen, Victor H., Detroit, Mich. Electric connection and the like. 2,227,123; Dec. 31.
Christensen, Albert H., Oakland, Calif. Advertising device. 2,190,114; Feb. 13.
Christensen, Alfred C., assignor to H. S. Simpson, Chicago, Ill. Automatic batch weighing machine. 2,186,575; Jan. 9.
Christensen, Alfred C., assignor to Herbert S. Simpson, Chicago, Ill. Apparatus for mixing molding sand. 2,223,018; Nov. 26.
Christensen, Andrew B., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Lighting means for phonographs and the like. 2,209,072; July 23.
Christensen, Arthur L., Perth Amboy, N. J., assignor to International Smelting and Refining Company, New York, N. Y. Lead oxide and electrolytic process of forming the same. 2,225,904; Dec. 24.
Christensen, Carl J., Flushing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Purification of gases by fractional condensation. 2,208,661; July 23.
Christensen, Charles, New London, Conn. Golf ball retriever. 2,205,345; June 18.
Christensen, Clarence A., San Mateo, Calif. Control valve. 2,215,172; Sept. 17.
Christensen, Edward H., Oshkosh, Wis. Implement hitch. 2,201,660; May 21.
Christensen, Everett F., Pittsfield, Mass., assignor to General Electric Company. Electric translating system. 2,195,296; Mar. 26.
Christensen, Harley, Minneapolis, assignor to Mayflower-Lewis Corporation, St. Paul, Minn. Portable vaporizer. 2,211,407; Aug. 13.
Christensen, Leo M. (See Champer, L. E., and Christensen.)
Christensen, Leo M., Atchison, Kans., assignor to The Chemical Foundation, Incorporated. Motor fuel. 2,194,495; Mar. 26.
Christensen, Leo M., Atchison, Kans., assignor to The Chemical Foundation, Incorporated. Power alcohol. 2,194,496; Mar. 26.
Christensen, Leo M., Atchison, Kans., assignor to The Chemical Foundation, Incorporated. Recovery of unfermentable residues. 2,225,428; Dec. 17.
Christensen, Leo M., and H. Miller, Atchison, Kans., assignors to The Chemical Foundation, Incorporated. Agricultural insecticide. 2,215,603; Sept. 24.
Christensen, Leonard, South Haven Township, Van Buren County, assignor of one-tenth to M. W. Buckborough, South Haven, Mich. Invalid's bed unit. 2,194,998; Mar. 26.
Christensen, Niels A., South Euclid, Ohio. Compressor governor. 2,192,538; Mar. 5.
Christensen, Niels A., South Euclid, Ohio. Brake mechanism. 2,197,068; Apr. 16.
Christensen, Niels A., South Euclid, Ohio. Air compressor. 2,199,482; May 7.
Christensen, Norman V., assignor to Union Special Machine Company, Chicago, Ill. Filled bag closing unit. Re. 21,472; June 4.
Christensen, Norman V., Chicago, and G. Sauer, Berwyn, assignors to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,216,700; Oct. 1.
Christensen, Oswald A., Oakland, Calif. Compensating gear. 2,193,803; Mar. 19.
Christensen, Paul M. (See Sachs, J., and Christensen.)
Christensen, Paul M., Newington, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker. 2,209,319; July 30.
Christensen, Paul M., Newington, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker. 2,210,280; Aug. 6.
Christenson, Clarence W. (See McCroskey, David C., assignor.)
Christenson, George, Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Packing. 2,218,638; Oct. 22.
Christenson, George, Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Piston packing. 2,220,993; Nov. 12.
Christenson, Gust J., Chicago, Ill. Table attachment. 2,210,972; Aug. 13.
Christenson, Gust J., assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive boiler firebox. 2,216,227; Oct. 1.
Christenson, Gust J., assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive boiler firebox. 2,216,228; Oct. 1.
Christensen, Leo M. (See McPherson, W. K., and Christensen.)
Christhilf, James G. (See Hull, G. E., and Christhilf.)
Christian, Carl C., Victoria, Tex. Well construction. 2,210,885; Aug. 13.
Christian, Frank T., Elmira, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Hose coupling. 2,225,610; Dec. 24.
Christian, William O., Pasadena, Calif. Cutting machine. 2,224,668; Dec. 10.
Christiani & Nielsen. (See Bretting, Aage E., assignor.)
Christiansen, Aage, Aalborg, Denmark. Rosehead. 2,226,051; Dec. 24.
Christiansen, Albert L., Joliet, and L. J. Boynton, Lockport, Ill. Filing book for data cards. 2,191,425; Feb. 20.
Christiansen, Andrew L., Willowbrook, Calif. Can packing machine. 2,195,882; Apr. 2.
Christiansen, Ejnar, Birmingham, England. Dough moulding or balling machine. 2,214,523; Sept. 10.
Christiansen, Frederic A., Los Angeles, assignor of one-half to A. T. Ashburn, Los Angeles, Calif. Weight-actuated toy. 2,210,139; Aug. 6.
Christiansen, James P., West Lafayette, Ind., assignor to Unitcast Corporation, Toledo, Ohio. Car construction. 2,226,091; Dec. 24.
Christiansen, Johannes. (See Kergel, H., and Christiansen.)
Christiansen, Nils I., New York, N. Y. Water pony. 2,198,904; Apr. 30.
Christiansen, Walter G. (See Nitardy, F. W., and Christiansen.)
Christiansen, Walter G., Glen Ridge, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Barbituric acids. 2,187,728; Jan. 23.
Christiansen, Walter G., Glen Ridge, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. 3-nitro-4-alkyl phenols and making them. 2,194,923; Mar. 26.
Christiansen, Walter G., Glen Ridge, N. J., assignor, by mesne assignments, to Lever Brothers Company Phenyl mercuric borate. 2,196,384; Apr. 9.
Christiansen, Walter G., Glen Ridge, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Preparation of cyclopropane. 2,206,877; July 9.
Christiansen, Walter G., Glen Ridge, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Preparing cyclopropane. 2,206,878; July 9.
Christiansen, Walter G., Glen Ridge, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Pharmaceutical. 2,213,977; Sept. 10.
Christiansen, Walter G., Glen Ridge, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Mercuri alkyl phenol derivatives. 2,217,155; Oct. 8.
Christiansen, Walter G., Glen Ridge, and E. S. Herlong, Highland Park, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Purification of pharmaceuticals. 2,224,181; Dec. 10.
Christiansen, William, assignor to Perfex Corporation, Milwaukee, Wis. Control device. 2,216,032; Sept. 24.
Christianson, Andrew, Hammond, Ind., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Vehicle passageway foot plate arrangement. 2,216,547; Oct. 1.

Christianson, Andrew, Hammond, Ind., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Vehicle passageway arrangement. 2,225,951; Dec. 24.
Christianson, Arnold, Hammond, Ind. Car coupler. 2,214,718; Sept. 10.
Christie, Alfred, Washington Grove, Md., assignor to Henry A. Wallace as Secretary of Agriculture of the United States of America and his successors in office. Constant voltage rectifier circuit. 2,201,979; May 28.
Christie, Howard E., Groton, Conn. Smoker's pipe. 2,226,707; Dec. 31.
Christie, John, assignor to Eastman Kodak Company, Rochester, N. Y. Folding camera. 2,193,019; Mar. 12.
Christie, John, and D. A. Young, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Printing platen. 2,226,157; Dec. 24.
Christie, Soren L., Los Angeles, Calif. Conductivity indicating system and method. 2,221,306; Nov. 12.
Christie, Soren L., Los Angeles, Calif. Conductivity testing system and method. 2,221,307; Nov. 12.
Christie, Stanley P., Sleights, England. Fuel supply control mechanism. 2,202,087; May 28.
Christie, Theodore. (See Elf, J. E., Lucas, and Christie.)
Christlein, Willy, Nuremberg, Germany. Hydraulic transmission gear. 2,200,157; May 7.
Christman, Glenn A. (See Davey, S. J., and Christman.)
Christman, John M. (See Barter, H. L., and Christman.)
Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Apparatus for finishing gears. 2,206,449; July 2.
Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Apparatus for forming gears. 2,206,450; July 2.
Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Gear finishing machine. 2,206,451; July 2.
Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,209,259; July 23.
Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Gear lapping apparatus. 2,215,750; Sept. 24.
Christman, John N. H., Cleveland, Ohio, assignor, by mesne assignments, to Evans Products Company, Detroit, Mich. Heating and ventilating means for vehicles. 2,215,901; Sept. 24.
Christman, Norbert J., Green Bay, Wis. Safety pin and the like. 2,223,552; Dec. 3.
Christman, Peter J., Green Bay, Wis. Napkin. 2,211,494; Aug. 13.
Christman, Robert W., Pontiac, and W. J. McCortney, Royal Oak, assignors to Chrysler Corporation, Detroit, Mich. Rotary shaft seal. 2,200,413; May 14.
Christmann, Friedrich. (See Pier, M., and Christmann.)
Christmann, Friedrich. (See Pier, M., Christmann, Eisenhut, and Hirschberger.)
Christmann, Ludwig J., Bronxville, and G. H. Foster, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Manufacture of melamine and its deamination products. 2,203,860; June 11.
Christmann, Ludwig J., Jersey City, and D. W. Jayne, Jr., Elizabeth, N. J., assignors to American Cyanamid Company, New York, N. Y. Reaction products of organic bases and hydrofluosilicic acid. 2,205,789; June 25.
Christofferson, Ralph W., San Francisco, Calif. Stand and heater. 2,189,165; Feb. 6.
Christoph, Albert B., assignor to The Murray Company, Dallas, Tex. Locking mechanism for press box doors. 2,211,198; Aug. 13.
Christophel, Lewis W. (See Baker, Paul, assignor.)
Christopher, Arthur B. (See Roberts, R. M., and Christopher.)
Christopher, Edward T. (See Murray, H. E., and Christopher.)
Christopher, Edward T., and H. E. Murray, Denver, Colo. Self-inflating life preserver. 2,202,415; May 28.
Christopherson, Howard E. (See Stark, J., and Christopherson.)
Christy, William T., assignor to Winner Supply Company, Kansas City, Mo. Translucent dice. 2,227,406; Dec. 31.
Chromy, Ben J., et al. (See Claus, Philip G., assignor.)
Chromy, Ben J. (See Jackson, Ernest W., assignor.)
Chrstos, Paul, Jr., Philadelphia, Pa. Valve seat. 2,225,296; Dec. 17.
Chrysler Corporation. (See Ball, T. M., and Roualet, assignors.)
Chrysler Corporation. (See Beeler, Charles F., assignor.)
Chrysler Corporation. (See Beemer, Paul K., assignor.)
Chrysler Corporation. (See Breer, Carl, assignor.)
Chrysler Corporation. (See Breer, C., Herreshoff, Clark, and Cadwallader, assignors.)
Chrysler Corporation. (See Breer, C., and Kent, assignors.)
Chrysler Corporation. (See Breer, C., and Van Der Sluys, assignors.)
Chrysler Corporation. (See Cadwallader, Robert, assignor.)
Chrysler Corporation. (See Calkins, W. G., and Breer, assignors.)
Chrysler Corporation. (See Calkins, W. G., and Langhammer, assignors.)
Chrysler Corporation. (See Campbell, Harry A., assignor.)
Chrysler Corporation. (See Christman, R. W., and McCortney, assignors.)
Chrysler Corporation. (See Conlon, Frank B., assignor.)
Chrysler Corporation. (See Dietrich, Howard H., assignor.)
Chrysler Corporation. (See Dunn, William T., assignor.)
Chrysler Corporation. (See Dunn, W. T., and Iavelli, assignors.)
Chrysler Corporation. (See Eddins, Daniel S., assignor.)
Chrysler Corporation. (See Fishburn, Otto E., assignor.)
Chrysler Corporation. (See Fleming, Alexander M., assignor.)
Chrysler Corporation. (See Fleming, A. M., and Canales, assignors.)
Chrysler Corporation. (See Gleason, Thomas C., assignor.)
Chrysler Corporation. (See Glezen, William M., assignor.)
Chrysler Corporation. (See Iavelli, Teno, assignor.)
Chrysler Corporation. (See Jackson, Clifford C., assignor.)
Chrysler Corporation. (See Janeway, Robert N., assignor.)
Chrysler Corporation. (See Jewell, Bernard W., assignor.)
Chrysler Corporation. (See Ladd, E. C., and Rakas, assignors.)
Chrysler Corporation. (See Langhammer, Anthony J., assignor.)
Chrysler Corporation. (See Lee, Roger K., assignor.)
Chrysler Corporation. (See Livar, Allen P., assignor.)
Chrysler Corporation. (See Lord, Charles S., assignor.)
Chrysler Corporation. (See Maurer, Edwin R., assignor.)
Chrysler Corporation. (See McCain, George L., assignor.)
Chrysler Corporation. (See McKechnie, I. C., and McKechnie, assignors.)
Chrysler Corporation. (See Murphy, Louis N., assignor.)
Chrysler Corporation. (See Neeson, Charles R., assignor.)
Chrysler Corporation. (See Neracher, Carl A., assignor.)
Chrysler Corporation. (See Neracher, C. A., and Iavelli, assignors.)
Chrysler Corporation. (See Parker, Glenn H., assignor.)
Chrysler Corporation. (See Patterson, Herbert F., assignor.)
Chrysler Corporation. (See Patterson, H. F., and Syrovy, assignors.)
Chrysler Corporation. (See Saunders, S. G., and Morrison, assignors.)
Chrysler Corporation. (See Sherman, Vernon W., assignor.)
Chrysler Corporation. (See Simons, Homer C., assignor.)
Chrysler Corporation. (See Slack, Frederic W., assignor.)
Chrysler Corporation. (See Smila, W. H., and Flater, assignors.)
Chrysler Corporation. (See Smith, Ralph L., assignor.)
Chrysler Corporation. (See Tea, Clark A., assignor.)
Chrysler Corporation. (See Utz, Chester C., assignor.)
Chrysler Corporation. (See Van Der Sluys, William, assignor.)
Chrysler Corporation. (See Walker, Floyd M., assignor.)
Chrysler Corporation. (See Wallace, David A., assignor.)
Chrysler Corporation. (See Wallace, D. A., and Lee., assignors.)
Chrysler Corporation. (See Wallace, D. A., Smith, and Fleming, assignors.)
Chrysler Corporation. (See Wills, Child H., assignor.)
Chrysler Corporation. (See Zeeb, Elmer G., assignor.)
Chrysler, Everett E., deceased, Casey, Ill.; R. B. Miller, administrator. Reduction gear reverse clutch. 2,224,038; Dec. 3.
Chu, Paul E., Honolulu, Hawaii. Door stop. 2,198,303; Apr. 23.
Chuck, Faw Y., San Francisco, Calif. Dehydrating process. 2,227,246; Dec. 31.
Chuffart, Robert C. H., St. Gilles, Brussels, assignor to H. W. Plucker, Brussels, Belgium. Producing alkaline nitrate and chlorine. 2,225,685; Dec. 24.
Chur, Charles H., assignor to The Keystone Mfg. Co., Buffalo, N. Y. Wrench set holder. 2,199,984; May 7.
Church, Albert E., New Britain, Conn. Wedge type chuck. 2,191,371; Feb. 20.
Church, Albert H., assignor to No-Kap Closures (U. S. A.), Inc., Providence, R. I. Nozzle closure means for containers. 2,209,050; July 23.
Church, Franklin O., assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Mattress supporting structure. 2,225,858; Dec. 24.
Church, Ira E. (See Purcell, T. E., and Church.)
Church, John W., Painesville, assignor to The Tremco Manufacturing Company, Cleveland, Ohio. Preparing a composition for use in paints. 2,211,495; Aug. 13.
Church, Walter L., Houston, Tex. Outside pipe cutter. 2,223,984; Dec. 3.
Churchill, David C., Berea, Ky. Creel. 2,199,616; May 7.
Churchill, George R., Quincy, Mass. Rotary brush. 2,190,206; Feb. 13.
Churchill, Gilbert A., Milwaukee, Wis., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,188,808; Jan. 30.
Churchill Machine Tool Company, The. (See Asbridge, Harry H., assignor.)
Churchill, Ralph H., Chicago, Ill. Vulcanizing fuel. 2,186,667; Jan. 9.

Churchill, Willis R., Kansas City, Mo. Display card holder. 2,197,657; Apr. 16.
Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Double snap fastener and installation thereof. 2,194,847; Mar. 26.
Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener installation and fastener for the same. 2,201,387; May 21.
Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener member. 2,208,541; July 16.
Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Lamp socket and lamp socket installation. 2,211,739; Aug. 13.
Churngold Corporation. (See Werk, E. E., and Zekind, assignors.)
Chute, Stanley J. (See Wilson, D. W., and Chute.)
Chute, Stanley J., Ridgewood, N. J., and D. W. Wilson, Scarsdale, N. Y., assignors to The M. W. Kellogg Co., New York, N. Y. Heat exchanger. 2,214,548; Sept. 10.
Chutorash, Gustave. (See Wernig, J. H., and Chutorash.)
Chuy, Nicholas, Leavenworth, Kans., assignor of one-half to H. Tsai, Chicago, Ill. Hydrometric instrument. 2,212,586; Aug. 27.
Chwala, August. (See Waldmann, E., and Chwala.)
Chwala, August, Vienna, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Cyclic amidines and producing them. 2,194,419; Mar. 19.
Chwala, August, Vienna, Austria, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Oxalkyl derivatives of imidazolines. 2,211,001; Aug. 13.
Chwala, August, Vienna, and E. Waldmann, Klosterneuburg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Imidazolines containing sulphuric acid radicals and preparing them. 2,199,780; May 7.
Chyle, John J., assignor to A. O. Smith Corporation, Milwaukee, Wis. Seam for alloy lined vessels. 2,198,331; Apr. 23.
Chyz, Fred, Brooklyn, N. Y. Striping ruler for fur coats and the like. 2,220,753; Nov. 5.
Ciaccio, Peter L., and H. R. Crane, Los Angeles, Calif. Renew seat for tank discharge valves. 2,190,147; Feb. 13.
Ciaglo, Caroline. (See Widuch, Adam, assignor.)
Cianchi, Alfredo, London, England. Warning system of dwelling houses, hotels, and similar establishments. 2,202,188; May 28.
Cianchi, Alfredo, London, England. Call or warning system. 2,213,100; Aug. 27.
Cianchi, Alfredo, London, England. Mercury switch. 2,215,543; Sept. 24.
Ciarlone, Joseph, Fitchburg, Mass. Rotary cutter. 2,202,548; May 28.
Ciba Pharmaceutical Products, Incorporated. (See Miescher, K., and Wettstein, assignors.)
Ciba Products Corporation. (See Gams, A., and Widmer, assignors.)
Ciba Products Corporation. (See Haller, R., and Widmer, assignors.)
Ciba Products Corporation. (See Widmer, Gustav, assignor.)
Ciba Products Corporation. (See Widmer, G., and Fisch, assignors.)
Ciba Products Corporation. (See Widmer, G., Fisch, and Jakl, assignors.)
Cibulka, Alois, Highlands, and M. W. Mayer, Baytown, Tex., assignors to Standard Oil Development Company. Apparatus for inhibiting tar polymerization. 2,187,708; Jan. 16.
Ciccarelli, Ostilio, assignor to The E. Ingraham Company, Bristol, Conn. Wall clock. 2,219,354; Oct. 29.
Ciccolella, David F., Forest Hills, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave filter. 2,216,937; Oct. 8.
Cier, Harry E. (See Laughlin, K. C., and Cier.)
Cihlar, Clarence J., Richmond, Ind., assignor to Belden Manufacturing Company, Chicago, Ill. Electrical connector. 2,197,094; Apr. 16.
Cilag, Chemisches Industrielles Laboratorium A. G. (See Naegeli, Carl, assignor.)
Cilento, Angelo J., and S. J. Agnoli, Baltimore, Md. Interlocking brick. 2,185,497; Jan. 2.
Cimador, Eva, Long Beach, N. Y. Decorating harness. 2,223,951; Dec. 3.
Cimatool Company. (See Poock, Louis F., assignor.)
Cimini, Pasquale L., Buffalo, N. Y. Household cabinet. 2,190,652; Feb. 20.
Cinamon, Lionel. (See Sklarew, S., and Cinamon.)
Cinamon, Lionel, New York, and S. Sklarew, Yonkers, assignors to Special Chemical Corp., New York, N. Y. Flux composition. 2,196,853; Apr. 9.
Cinamon, Lionel, New York, and S. Sklarew, Yonkers, assignors to Special Chemicals Corp., New York, N. Y. Electroplating. 2,198,365; Apr. 23.
Cinaudagraph Corporation. (See Blaney, Jesse M., assignor.)
Cinaudagraph Corporation. (See Cornwell, Lionel B., assignor.)
Cinaudagraph Corporation. (See Neuschotz, Robert, assignor.)
Cinch Manufacturing Corporation. (See Bessey, Edward F., assignor.)
Cinch Manufacturing Corporation. (See Del Camp, Scipione M., assignor.)
Cinch Manufacturing Corporation. (See Knutson, Carl L., assignor.)
Cinch Manufacturing Corporation. (See Ross, Frederick N., assignor.)
Cinch Manufacturing Corporation. (See Wallschlaeger, Theodore W., assignor.)
Cincinnati Ball Crank Company, The. (See Woelfer, Frank C., Jr., assignor.)
Cincinnati Bickford Tool Company, The. (See Schauer, Lawrence L., assignor.)
Cincinnati Butchers' Supply Company. (See Schmidt, Oscar C., assignor.)
Cincinnati Grinders Incorporated. (See Binns, George W., assignor.)
Cincinnati Grinders Incorporated. (See Binns, G. W., and Kearns, assignors.)
Cincinnati Grinders Incorporated. (See Dall, A. H., and Binns, assignors.)
Cincinnati Grinders Incorporated. (See Dall, A. H., and Esz, assignors.)
Cincinnati Grinders Incorporated. (See Decker, Jacob, assignor.)
Cincinnati Grinders Incorporated. (See Haas, Frederick S., assignor.)
Cincinnati Grinders Incorporated. (See Trible, Winthrop, assignor.)
Cincinnati Milling Machine Company, The. (See Averill, William D., assignor.)
Cincinnati Milling Machine Co., The. (See Chittenden, Windsor N., assignor.)
Cincinnati Milling Machine Co., The. (See Ernst, Hans, assignor.)
Cincinnati Milling Machine Co., The. (See Hassman, Fred A., assignor.)
Cincinnati Milling Machine Co., The. (See Hassman, F. A., and Vancil, assignors.)
Cincinnati Milling Machine Company, The. (See Johansen, Einar K., assignor.)
Cincinnati Milling Machine Co., The. (See Martellotti, Mario E., assignor.)
Cincinnati Milling Machine Company, The. (See Nenninger, Lester F., assigeor.)
Cincinnati Milling Machine Company, The. (See Nenninger, L. F., and Roehm, assignors.)
Cincinnati Milling Machine Co., The. (See Rollman, M., Maddox, and Binns, assignors.)
Cincinnati Milling Machine Company, The. (See Romaine, Millard, assignor.)
Cincinnati Milling Machine Co., The. (See Romaine, M., Hawley, and Horlacher, assignors.)
Cincinnati Milling Machine Co. (See Romaine, M., and Trible, assignors.)
Cincinnati Milling Machine Company, The. (See Sassen, Bernard, assignor.)
Cincinnati Milling Machine Company, The. (See Vancil, E. D., and Hawley, assignors.)
Cincinnati Mine Machinery Company, The. (See Stenger, E. P., and Bruestle, assignors.)
Cincinnati Sheet Metal & Roofing Company, The. (See Olden, Harry L., assignor.)
Cincinnati Time Recorder Company, The. (See Streckfuss, Elmer G., assignor.)
Cinecolor, Incorporated. (See Crespinel, William T., assignor.)
Cinecolor, Incorporated. (See Gundelfinger, A. M., and Trimble, assignors.)
Ciocher, Joseph. (See Tedeschi, Achille, assignor.)
Cipullo, Salvatore. (See Girardi, F., and Cipullo.)
Circla, Inc. (See Emmer, Charles E., assignor.)
Circuit Breakers, Inc. (See Burnside, James H., 2nd., assignor.)
Ciringione, Joseph. (See Jacobs, A., and Ciringione.)
Cirves, Francis J., Crossett, Ark. Recovery of by-products from black liquor. 2,200,468; May 14.
Cislak, Francis E., Indianapolis, Ind., assignor to P. C. Reilly. Wood protection. 2,217,265; Oct. 8.
Cisor, Benjamin F., Los Angeles, Calif. Hobbyhorse. 2,209,320; July 30.
Cissell, William M., near Louisville, Ky. Sock drier. 2,197,788; Apr. 23.
Cissell, William M., near Louisville, Ky. Sock drying machine. 2,207,972; July 16.
Cities Service Oil Company. (See Walker, John C., assignor.)
Citizens National Trust and Savings Bank of Riverside, et al. executors. (See Parker, George D.)
City Bank Farmers Trust Company, et als., executors. (See Stone, Andrew J.)
City National Bank and Trust Company of Chicago. (See Lee, Albert P., assignor.)
Civita, Cesare, Milan, Italy. Device comprising blocks of sheets of paper or the like for the representation of animated pictures. 2,218,084; Oct. 15.
Claassen, Anthony F. P. J., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electrolytic condenser. 2,220,887; Nov. 12.
Claassen, Diedrich, deceased, Wellsburg, Iowa; R. Claassen, administrator. Safety razor. 2,211,255; Aug. 13.
Claassen, Richard, administrator. (See Claassen, Diedrich.)

Clabaugh, Glenn, et al. (See Hicks, Harold, assignor.)
Claborn, Houston V., Arlington, Va.; dedicated to the free use of the People of the United States of America. Tetrahydrofurfuryl alpha acetoxy propionate. 2,222,363; Nov. 19.
Claborn, Houston V., and L. E. Smith, Washington, D. C., assignors to Henry A. Wallace, as Secretary of Agriculture of the United States of America, and his successors in office. Insecticide. 2,197,249; Apr. 16.
Clad Metals Industries, Inc. (See Chace, Thomas B., assignor.)
Clade, Robert, Detroit, Mich., assignor to American Car and Foundry Company, New York, N. Y. Lubricated tank valve. 2,191,815; Feb. 27.
Cladite Incorporated. (See Baron, Herman L., assignor.)
Claff, C. Lloyd, et al., trustees. (See Waters, Marshall A., assignor.)
Claff, Mary R., et al., trustees. (See Waters, Marshall A., assignor.)
Clairol, Inc. (See Schlicker, Herman C., assignor.)
Clancy, Gilbert E., assignor to Drayer & Hanson, Incorporated, Los Angeles, Calif. Refrigerator defrosting system. 2,196,291; Apr. 9.
Clancy, J. R., Inc. (See Tompkins, Charles E., assignor.)
Clancy, Morris, et al. (See Darling, Louis H., assignor.)
Clanin, Lindley J., Jewell, Kans. Packer drill. 2,221,909; Nov. 19.
Clapp, Albert L., Danvers, Mass. Manufacture of sheets containing mineral wool fiber. 2,217,005; Oct. 8.
Clapp, Albert L., Danvers, Mass. Manufacture of sheets or boards containing mineral wool. 2,225,100; Dec. 17.
Clapp, Channing P. (See Geiger, C. F., Clapp, and Kempf.)
Clapp, Edwin A., Niagara Falls, N. Y., assignor to The Linde Air Product Company. Electric welding. 2,200,737; May 14.
Clapp, Kenneth S., Shaker Heights, Ohio. Storage and dispensing device. 2,225,622; Dec. 24.
Clapp, Richard G., Rutledge, Pa., assignor, by mesne assignments, to Pennsylvania Patents, Inc., Carson City, Nev. Noise limiting circuit. 2,221,700; Nov. 12.
Clapper, John C., and D. A. Constance, Altoona, Pa. Wringer and drainboard apparatus. 2,207,215; July 9.
Clapper, John S., assignor to Toro Manufacturing Corporation of Minnesota, Minneapolis, Minn. Mowing implement. 2,191,426; Feb. 20.
Clapper, John S., assignor to Toro Manufacturing Corporation of Minnesota, Minneapolis, Minn. Center drive take-off mower. 2,214,162; Sept. 10.
Clappier, Robert R. (See Crocker, C. G., Crosby, and Clappier.)
Clar, Carl, Oberhausen-Holten, and H. Goethel, Duisburg-Hamborn, assignors to Ruhrchemie Aktiengesellschaft, Oberhausen-Holten, Germany. Production of lubricating oils. 2,206,391; July 2.
Clar, Erich, Herrnskretschen-on-the-Elbe, Germany, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hexacene compounds. 2,210,396; Aug. 6.
Clare, Carl P. (See Robinson, H. C., Johnston, Nelson, and Clare.)
Claremont Waste Manufacturing Company. (See Hauge, Andrew, assignor.)
Clarin, Werner E., assignor to Durham Manufacturing Company, Muncie, Ind. Folding chair. 2,207,338; July 9.
Clark, A. R., & Company. (See Delamere, R. D., and Hutcheon, assignors.)
Clark, Allan J., N. Herz, and E. W. Adams, Lead, S. Dak. Extraction of metals from ores. 2,220,212; Nov. 5.
Clark, Augustus L., Montpelier, Vt. Heated automobile blanket. 2,201,984; May 28.
Clark, Augustus W. (See Dower, D. W., and Clark.)
Clark, Breckinridge T., assignor to E. H. Jacobs Manufacturing Company, Inc., Danielson, Conn. Lug strap. 2,185,585; Jan. 2.
Clark, Carl L., Warren, Ohio. Method and apparatus for working cylindrical sheet metal articles having closed bottoms. 2,206,296; July 2.
Clark, Charles E., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Chuck. 2,207,238; July 9.
Clark, Charles W., Denver, Colo. Foot muscle exercising machine. 2,216,764; Oct. 8.
Clark Controller Company, The. (See Beiderman, Edward G., assignor.)
Clark Controller Company, The. (See Burgett, Lynn S., assignor.)
Clark Controller Company, The. (See Canfield, Harry R., assignor.)
Clark Controller Company, The. (See Peters, Gerhard W., assignor.)
Clark Controller Company, The. (See Rippl, Charles H., assignor.)
Clark, Cyril B. (See Ashley, K. D., and Clark.)
Clark, David M., Worcester, Mass., and H. J. Stuart, Milford, Conn. Garment incorporating elastic fabric. 2,196,492; Apr. 9.
Clark, Donald H. (See Hendricks, A. W., and Clark.)
Clark, Dudley B., Palm Springs, Calif., assignor to General Electronics Corporation. Electrical converting system. 2,199,281; Apr. 30.
Clark, Earl K. (See Lee, P. R., and Clark.)
Clark, Earl K., West Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Sadiron. Re. 21,585; Oct. 1.
Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heavy duty snap-acting thermostat. 2,189,627; Feb. 6.
Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermostat. 2,194,999; Mar. 26.
Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermostat. 2,195,000; Mar. 26.
Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Sadiron. 2,195,002; Mar. 26.
Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,205,240; June 18.
Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cicuit interrupter. 2,221,575; Nov. 12.
Clark, Earl K., and J. S. Wojcik, Mansfield, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pitsburgh, Pa. Thermostat. 2,195,001; Mar. 26.
Clark, Elmer S., Massapequa, N. Y. Highway joint. 2,194,383; Mar. 19.
Clark, Elsa R., Springfield, assignor to F. H. Clark, Toledo, Ohio. Dress shield supporter. 2,224,253; Dec. 10.
Clark Equipment Company. (See Bixby, Leo A., assignor.)
Clark Equipment Company. (See Bolster, Ronald H., assignor.)
Clark Equipment Company. (See Burger, Frederick W., assignor.)
Clark Equipment Company. (See Burrows, R. J., and Williams, assignors.)
Clark Equipment Company. (See Burrows, R. J., Williams, and Davis, assignors.)
Clark Equipment Company. (See Dunham, Elmer J., assignor.)
Clark Equipment Company. (See Gettig, J. H., and Spatta, assignors.)
Clark Equipment Company. (See King, C. H., and Seaver, assignors.)
Clark Equipment Company. (See Lapsley, Robert, assignor.)
Clark Equipment Company. (See Lapsley, R., and Hasty, assignors.)
Clark Equipment Company. (See Matthews, Harlan E., assignor.)
Clark Equipment Company. (See Ormsby, Donald D., assignor.)
Clark Equipment Company. (See Schirmer, Walter E., assignor.)
Clark Equipment Company. (See Spatta, George, assignor.)
Clark Equipment Company. (See Vanderberg, Glen C., assignor.)
Clark Equipment Company. (See Williams, Alfred O., assignor.)
Clark Equipment Company. (See Williams, A. O., and Burrows, assignors.)
Clark, Ernest, Brockton, Mass. Driving mechanism for wool card strippers. 2,205,920; June 25.
Clark, Ernest, East Orange, N. J. Nonskid tire. 2,224,141; Dec. 10.
Clark, Ernest W., Schenectady, N. Y., assignor to General Electric Company. Melting apparatus. 2,191,337; Feb. 20.
Clark, Frank D., et al. (See Hoopes, Ernest A., assignor.)
Clark, Frank H. (See Clark, Elsa R., assignor.)
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Stabilized mineral oil. 2,191,338; Feb. 20.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Electric capacitor. 2,196,057; Apr. 2.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Diphenylene oxide compositions. 2,198,473; Apr. 23.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Purification of halogenated hydrocarbons. 2,205,187; June 18.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Fabricating electrolytic capacitor. 2,214,876; Sept. 17.
Clark, Frank M., Pittsfield Mass., assignor to General Electric Company. Cooling and insulating composition. 2,214,877; Sept. 17.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Electrolytic capacitor. 2,214,878; Sept. 17.
Clark, Frederic B., Englewood, N. J. Apparatus for folding flexible articles and the like. 2,195,716; Apr. 2.
Clark, Frederic B., Englewood, N. J., assignor to Consolidated Laundries Corporation, New York, N. Y. Machine for removing hair from laundry articles. 2,222,139; Nov. 19.
Clark, Frederick J., assignor to Eastman Machine Company, Buffalo, N. Y. Steam installation for pressing appliances. 2,205,241; June 18.

Clark, Geoffrey, and W. Clark, Kingston-upon-Hull, England. Grinding, pulverizing, and the like treatment of materials. 2,219,720; Oct. 29.
Clark, George H., assignor to Detroit Lubricator Company, Detroit, Mich. Refrigerating apparatus. 2,224,377; Dec. 10.
Clark, George M., Lynn, Mass. Method of and machine for conditioning stereotype matrices. 2,188,528; Jan. 30.
Clark, Geo. V., Co. (See Buono, Joseph, assignor.)
Clark, Gerald I., Mountain View, assignor to Woolridge Manufacturing Company, Sunnyvale, Calif. Fair lead construction. 2,216,263; Oct. 1.
Clark, Gilbert R., Brooklyn, N. Y., assignor to Radio Corporation of America. Magnetic recording. 2,188,650; Jan. 30.
Clark, Harley D. (See Hill, G. M., and Clark.)
Clark, Harold W., assignor to The Steel Sanitary Company, Alliance, Ohio. Manufacture of metallic receptacles. 2,206,763; July 2.
Clark, Harold W., assignor to The Steel Sanitary Company, Alliance, Ohio. Manufacture of metallic receptacles. 2,225,767; Dec. 24.
Clark, Harry M., Chicago, Ill. Glove for handball and the like. 2,214,576; Sept. 10.
Clark, Harry R., Brooklyn, N. Y. Attachment for electrical frequency shifters. 2,188,829; Jan. 30.
Clark, Herbert D. (See Hoover, A. H., and Clark.)
Clark, Herbert S. and R. M. H., Scarborough Township, York County, Ontario, Canada. Apparatus for hand weaving. 2,209,597; July 30.
Clark, Howard A., F. W. Miller, A. C. Fowler, C. L. Anderson, and J. B. Brenner, Clay Center, Kans. Cleaner and sterilizer for containers. 2,213,335; Sept. 3.
Clark, Isaac J., Washington, D. C. Refrigeration. 2,206,631; July 2.
Clark, Isaac N., Tulsa, Okla. Blasting bridge for oil wells. 2,216,067; Sept. 24.
Clark, Ivan F., Ionia, Mich. Folding bed. 2,199,741; May 7.
Clark, J. L., Manufacturing Co. (See Anderson, Knute G., assignor.)
Clark, J. L., Manufacturing Co. (See Mills, Wallace C., assignor.)
Clark, James E., Long Island City, N. Y., S. O. Ekstrand, Bergenfield, N. J., and V. L. Ronci, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. High power discharge device. 2,212,929; Aug. 27.
Clark, James H. (See Tuft, M. H., and Clark.)
Clark, James R., assignor to Yawman and Erbe Mfg. Co., Rochester, N. Y. Filing cabinet. 2,202,088; May 28.
Clark, James W., Bristol, Pa. Elk clock. 2,200,021; May 7.
Clark, John J., Des Moines, Iowa. Monorail toy. 2,205,941; June 25.
Clark, John M., Northfield, N. J. Expansion engine. 2,194,970; Mar. 26.
Clark, John T., Oak Park, Ill. Rubber diaphragm and making the same. Re. 21,342; Feb. 6.
Clark, Joseph B., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Geochemical prospecting. 2,213,905; Sept. 3.
Clark, Kempton, Little Compton, R. I., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Making paper articles. 2,204,664; June 18.
Clark, Kempton, Little Compton, R. I., assignor to American Seal-Kap Corporation of Delaware, Long Island City, N. Y. Closure for milk bottles and the like. 2,207,853; July 16.
Clark, Kendall, South Bend, Ind., assignor to Bendix Home Appliances, Inc., Detroit, Mich. Washing machine. 2,208,662; July 23.
Clark, Kendall, South Bend, Ind., assignor to Bendix Home Appliances, Inc., Detroit, Mich. Washing machine. 2,218,698; Oct. 22.
Clark, Kendall, Dayton, Ohio, assignor to International Engineering Corporation, Chicago, Ill. Control device. 2,225,982; Dec. 24.
Clark, Lawrence J., et al. (See Schroeder, Philip, assignor.)
Clark, Le Roy V., Latrobe, Pa., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Casting apparatus. 2,215,065; Sept. 17.
Clark, Le Roy V., Latrobe, Pa., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Casting electric blasting cap plugs. 2,215,066; Sept. 17.
Clark, Leverett M., Snyder, assignor to Waugh Equipment Company, New York, N. Y. Cushioning mechanism. 2,197,030; Apr. 16.
Clark, Louis F., Montebello, Calif. Ball projector. 2,225,820; Dec. 24.
Clark, Lyle L., Junction City, Wash. Match receptacle. 2,222,808; Nov. 26.
Clark Manufacturing Company, The. (See Clark, Theodore W., assignor.)
Clark, Margaret, New York, N. Y. Method of and device for weaving. 2,224,563; Dec. 10.
Clark, Nelson O., Winthrop, Mass., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Condition control system. 2,226,845; Dec. 31.
Clark, Nelson O., Winthrop, Mass., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Variable resistor. 2,226,846; Dec. 31.
Clark, Nelson O., Winthrop, Mass., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Variable resistance device. 2,226,847; Dec. 31.
Clark, Noble C., Ferndale, Mich., assignor to The Murray Corporation of America, Detroit, Mich. Weather strip and mounting therefor. 2,203,522; June 4.
Clark, Oliver H. (See Breer, C., Herreshoff, Clark, and Cadwallader.)
Clark, Otto B. (See Plummer, W. B., and Clark.)
Clark, Paul A., Davenport, Wash., assignor to T. O. Gutelius, Rome, N. Y. Pressure cleaning apparatus. 2,201,080; May 14.
Clark, Percy M., and C. B. Hemming, Parlin, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal container. 2,223,026; Nov. 26.
Clark, Ralph R., and H. G. Swarr, assignors to Armstrong Cork Company, Lancaster, Pa. Making compressed wooden articles. 2,191,069; Feb. 20.
Clark, Richard U., Fort Wayne, Ind. Slide fastener attachment. 2,222,832; Nov. 26.
Clark, Rolland R., West Haven, and B. W. Phelps, North Haven, Conn. Poultry cage. 2,186,009; Jan. 9.
Clark, Rosa M. H. (See Clark, Herbert S. and R. M. H.)
Clark, Theodore W., assignor to The Clark Manufacturing Company, Cleveland, Ohio. Inverted bucket steam trap. 2,211,880; Aug. 20.
Clark, Thomas J., Carbondale, Pa., assignor to Hedrick Manufacturing Company. Filter screen. 2,205,758; June 25.
Clark Thread Company, The. (See Shepherd, Thomas L., assignor.)
Clark, Verdrie F., New Albany, Ind., assignor to Peerless Manufacturing Corporation, Louisville, Ky. Combustion air regulating means for fireboxes. 2,200,915; May 14.
Clark, Victor R., Chicago, Ill. Belt and pulley. 2,217,044; Oct. 8.
Clark, Walter. (See Clark, Geoffrey and W.)
Clark, Wilbur T., Lakewood, Ohio, assignor to Richard W. Treverton, Buffalo, N. Y. Blast furnace construction. 2,215,368; Sept. 17.
Clark, William A., assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Pad or covering for spring structures. 2,221,507; Nov. 12.
Clark, William D., Jr., Belleville, N. J. Venetian blind. 2,220,064; Nov. 5.
Clark, William E., Dundalk, Md. Citrus juice extractor. 2,205,059; June 18.
Clark, William J., C. H. Bosanquet, R. A. Bell, and R. Matthews, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Potentiometer. 2,188,830; Jan. 30.
Clarke, Albert L. (See Clarke, Albert V., A. E., and A. L.)
Clarke, Albert V., and A. E. Clarke, Birstall, near Leicester, and A. L. Clarke, Ayleston, Leicester, England. Knitting machine. 2,208,070; July 16.
Clarke, Albert V., Barrow on Soar; A. E. Clarke, Birstall, near Leicester; and A. L. Clarke, Aylestone, Leicester, assignors to Charnwood Engineering Company Limited, London, England. Knitting machine. 2,224,473; Dec. 10.
Clarke, Arthur E. (See Clarke, Albert V., A. E., and A. L.)
Clarke, Chapman & Company Limited, et al. (See Woodeson, W. A., and Midgley, assignors.)
Clarke, Chapman & Company Limited. (See Smith, Ralph J., assignor.)
Clarke, Charles E., Winchester, assignor to The Lindbladh Corporation, Boston, Mass. Sheet feeding machine. 2,205,921; June 25.
Clarke, Charles M. (See Sharp, Henry J., assignor.)
Clarke, Clarence M., Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Garment pressing machine. 2,210,616; Aug. 6.
Clarke, Clifford C. F. (See Brill, S., and Clarke.)
Clarke and Courts. (See Goodloe, Kenneth V., assignor.)
Clarke, Douglas R., Toronto, Ontario, Canada. Outboard motor. 2,207,372; July 9.
Clarke, Dumont, Manchester, Vt. Multipurpose seat or table. 2,191,752; Feb. 27.
Clarke, Edmund C., Jacksonville, Fla. Sanding machine. 2,218,874; Oct. 22.
Clarke Engineering Company. (See Taylor, William, assignor.)
Clarke, Eugene C. (See Murray, G. R., and Clarke.)
Clarke, Eva C., St. Louis Park, Minn. Mattress protector. 2,214,074; Sept. 10.
Clarke, Frank, St. Louis, Mo., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Facing unit. 2,200,382; May 14.
Clarke, Frederick A., Pinner, Middlesex, England, assignor to Naamlooze Vennootschap Yzerhandel I. M. De Vries, Amsterdam, Netherlands. Concealed fastening. 2,200,158; May 7.
Clarke, George, Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for operating on shoes. 2,214,043; Sept. 10.
Clarke, Hans T., New York, assignor to Eastman Kodak Company, Rochester, N. Y. Denatured alcohol containing a salt of a lower alkyl isothiourea. 2,216,431; Oct. 1.

Clarke, Hans T., New York, assignor to Eastman Kodak Company, Rochester, N. Y. Coating of film bases. 2,221,019; Nov. 12.
Clarke, Harold E., West Somerville, Mass. Clutch control device. 2,215,496; Sept. 24.
Clarke, Hubert E., Pittsburgh, Pa. Nasal filter. 2,198,959; Apr. 30.
Clarke, Jerry E., et al. (See Wolaver, Roscoe E., assignor.)
Clarke, John W., Russellville, Ky. Pedal actuated windshield shade. 2,191,009; Feb. 20.
Clarke, Louis A. (See Pevere, E. F., Clarke, and Hatch.)
Clarke, Louis A., Fishkill, assignor to The Texas Company, New York, N. Y. Solvent refining of hydrocarbon oil. 2,226,092; Dec. 24.
Clarke, Philip S., Richmond, and W. E. Bradley, assignors to Union Oil Company of California, Los Angeles, Calif. Mill grease. 2,222,591; Nov. 26.
Clarke, Thomas B., Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Manufacture of shoe heels. 2,187,825; Jan. 23.
Clarke, Thomas B., and H. Boothroyd, Leicester, England, assignors to United Shoe Machinery Corporation Borough of Flemington, N. J. Splitting machine. 2,190,771; Feb. 20.
Clarke, Vernie E., Los Angeles, Calif. Amalgamator. 2,197,923; Apr. 23.
Clarke, Walter J., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wood filler. 2,194,295; Mar. 19.
Clarke, Walter R., assignor to The Vulcan Radiator Company, Hartford, Conn. Steam radiator. 2,215,173; Sept. 17.
Clarke, Walter R., assignor to The Vulcan Radiator Company, Hartford, Conn. Heat transfer unit. 2,217,469; Oct. 8.
Clarkson, Alick, Elmhurst, Ill. Oil burner. 2,195,617; Apr. 2.
Clarkson, Alick, Bloomingdale Township, Du Page County, assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Time delay switch. 2,224,951; Dec. 17.
Clarkson-Jones, Thomas H., Toronto, Ontario, Canada. Vehicle door locking device. 2,202,833; June 4.
Clarkson-Jones, Thomas H., Toronto, Ontario, Canada. Door locking system. 2,202,834; June 4.
Clarkson, Ralph P., New Rochelle, N. Y. Double pressure compensating rail fastening. 2,203,624; June 4.
Clarkson, Ralph P., Milford, Conn. Rail anchor stabilizer. 2,212,658; Aug. 27.
Clarkson, Richard G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Aminophenols and their preparation. 2,220,065; Oct. 5.
Clarkson, William S., Ann Arbor, Mich. Tire gauge. 2,190,530; Feb. 13.
Clarostat Manufacturing Co. (See Cadwallader, Alvin A., assignor.)
Clarvoe, George W., Somerville, and L. A. H. Baum, Plainfield, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Article of manufacture. 2,221,420; Nov. 12.
Clary, Joseph F. (See Ragsdale, E. J. W., Clary, and Buchanan.)
Clary, Joseph F., Bala-Cynwyd, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sleeping car. 2,186,778; Jan. 9.
Clary, Joseph F., Bala Cynwyd, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sleeping car curtain. 2,208,521; July 16.
Classic Glass, Inc. (See Bauman, Thomas S., assignor.)
Classroom Laboratories, Inc. (See Reardon, Harvey J., assignor.)
Claude, André, Nanterre, France, assignor to Société Anonyme pour les Applications de l'Électricité et des Gas Rares, Etablissements Claude Paz & Silva. Lighting device. 2,221,862; Nov. 19.
Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Compensating hinge structure for automobile hoods or the like. 2,185,212; Jan. 2.
Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Compensating hinge structure for automobile hoods or the like. 2,185,213; Jan. 2.
Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Compensating hinge structure for automobile hoods or the like. 2,185,214; Jan. 2.
Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Latch, safety catch, and lifting mechanism for lid type automobile hoods. 2,188,333; Jan. 30.
Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Latch, safety catch, and lifting mechanism for lid type automobile hoods. 2,188,334; Jan. 30.
Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Latch and safety catch mechanism for lid type automobile hoods. 2,188,335; Jan. 30.
Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Dash-operated latch and safety catch mechanism for lid type automobile hoods. 2,188,336; Jan. 30.
Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Brace for automobile rear decks or the like. 2,205,682; June 25.
Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Assist cord assembly. 2,215,870; Sept. 24.
Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Brace for automobile rear decks or the like. 2,295,683; June 25.
Claumac Company. (See Claussner, Robert E., assignor.)
Claus, Philip S., Detroit, Mich., assignor of one-half to H. G. Bartsch, and one-half to B. J. Chromy, Washington, D. C. Tool-feeding mechanism. 2,207,340; July 9.
Clausen, Henry C., et al., executors. (See Strauss, Joseph B.)
Clausen, Ingard M., Phoenix, Ariz. Meter. 2,213,240; Sept. 3.
Clausen, Justus F., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Conversion of aliphatic hydrocarbons to cyclic hydrocarbons. 2,212,112; Aug. 20.
Clausen, Sigurd, Brooklyn, N. Y., assignor to International Cigar Machinery Company. Tobacco cutting roller. 2,192,179; Mar. 5.
Clausen, Sigurd, Brooklyn, N. Y., assignor to International Cigar Machinery Company. High speed cigar machine. 2,204,980; June 18.
Clausen, Sigurd, Brooklyn, N. Y., assignor to International Cigar Machinery Company. Safety device for cigar wrapper cutters. 2,213,081; Aug. 27.
Clausen, Sigurd, Brooklyn, N. Y., assignor to International Cigar Machinery Company. Cigar machine wrapper carrier. 2,215,461; Sept. 24.
Clausen, Sigurd, Brooklyn, N. Y., assignor to International Cigar Machinery Company. Cone and nicker arrangement for cigar machines. 2,221,733; Nov. 12.
Clausing, George. (See Allen, F., and Clausing.)
Clauss, Guido, Elizabethtown, Pa. Full-fashioned stocking. 2,190,148; Feb. 13.
Clauss, Guido O., Elizabethtown, Pa. Knitted fabric. 2,220,781; Nov. 5.
Claussen, William H. (See Cope, J. Q., and Claussen.)
Claussner, Robert E., Paducah, Ky., assignor, by mesne assignments, to Claumac Company, Inc., Dover, Del. Creasing fabrics and forming a visible topping line in knitted hosiery. 2,213,797; Sept. 3.
Clavel, René, Augst, near Basel, and T. Stanisz, assignors to Farbereiund Appretur-Gesellschaft Vorm. A. Clavel und Fritz Lindenmeyer, Basel, Switzerland. Production of crepelike textile webs. 2,221,232; Nov. 12.
Clavier, Andre G., and E. Rostás, Paris, France, assignors to International Standard Electric Corporation, New York, N. Y. Electron tube and circuit employing it. 2,215,779; Sept. 24.
Clavier, Andre G., P. F. M. Gloess, and H. J. Le Boiteux, Paris, France, assignors to International Standard Electric Corporation, New York, N. Y. Electron discharge device. 2,226,696; Dec. 31.
Clay, Henry C., assignor to Reeves Pully Company, Columbus, Ind. Control mechanism. 2,225,952; Dec. 24.
Clay, Murray G., Chicago, Ill., assignor to E. H. Scott, Highland Park, Ill. Radio frequency rejector circuit. 2,226,488; Dec. 24.
Clay, Murray G., and E. O. Beardsley, assignors to The Beardsley & Piper Company, Chicago, Ill. Machine for ramming molds. 2,212,510; Aug. 27.
Clay, Philip E. F., Radcliffe-on-Trent, England. Producing elastic thread. 2,220,213; Nov. 5.
Clay, Walter J. (See Bell, Hubert S., assignor.)
Clay, Walter J. (See Humason, G. A., and Clay.)
Clay, William C., Buckroe Beach, Va. De-icing apparatus for airplanes. 2,217,670; Oct. 15.
Claycraft Company, The. (See Tefft, Charles F., assignor.)
Claypool, Glenn F., Oak Park, Ill. Cover and brush support for shaving bowls. 2,224,669; Dec. 10.
Clayton, Benjamin, Houston, Tex. Processing soap. 2,190,591; Feb. 13.
Clayton, Benjamin, Houston, Tex. Process of and apparatus for producing soap of desired moisture content. 2,190,592; Feb. 13.
Clayton, Benjamin, Houston, Tex. Refining vegetable oils. 2,219,088; Oct. 22.
Clayton, Benjamin, Houston, Tex., assignor to Refining, Inc., Reno, Nev. Refining glyceride oils. 2,190,590; Feb. 13.
Clayton, Benjamin, Houston, Tex., assignor to Refining, Inc., Reno, Nev. Refining animal and vegetable oils 2,190,593; Feb. 13.
Clayton, Benjamin, Houston, Tex., assignor to Refining, Inc., Reno, Nev. Refining of animal and vegetable oils. 2,190,594; Feb. 13.
Clayton, Benjamin, Houston, Tex., assignor to Refining, Inc., Reno, Nev. Recovering glycerine. 2,195,377; Mar. 26.
Clayton, Benjamin, Houston, Tex., assignor to Refining, Inc., Reno, Nev. Refining animal and vegetable oils. 2,199,041; Apr. 30.
Clayton, Benjamin, Houston, Tex., assignor to Refining, Inc., Reno, Nev. Purifying refined oils. 2,216,104; Oct. 1.

Clayton, Benjamin, Houston, Tex., assignor to Refining, Inc., Reno, Nev. Apparatus for recovering glycerin. 2,218,279; Oct. 15.

Clayton, Benjamin, Sugarland, Tex., assignor to Refining, Inc., Reno, Nev. Refining of animal and vegetable oils. 2,190,588; Feb. 13.

Clayton, Benjamin, Sugarland, Tex., assignor to Refining, Inc., Reno, Nev. Refining glyceride-type oils. 2,190,589; Feb. 13.

Clayton, Benjamin, Houston, Tex., and B. H. Thurman, Bronxville, N. Y., assignors to Refining, Inc., Reno, Nev. Refining process. 2,190,595; Feb. 13.

Clayton, Benjamin, Houston, Tex., and B. H. Thurman, Bronxville, N. Y., assignors to Refining, Inc., Reno, Nev. Refining animal and vegetable oils. 2,205,971; June 25.

Clayton, Charles F., et al. (See Stalsworth, Thomas J., assignor.)

Clayton, Edwin C., and L. L. Heffner, Baltimore, assignors to Wm. E. Hooper & Sons Company, Woodberry, Baltimore, Md. Painting composition. 2,194,690; Mar. 26.

Clayton, Harold H., assignor to R-B-M Manufacturing Company, Logansport, Ind. Regulating apparatus. 2,209,051; July 23.

Clayton, James H., Whisterfield, Siddington, and B. Bann, Stockport, assignors to The Manchester Oxide Company Limited, Manchester, England. Production of organic compounds. 2,212,175; Aug. 20.

Clayton & Lambert Manufacturing Company. (See McCurley, C., and Hansen, assignors.)

Clayton & Lambert Manufacturing Company. (See Rueppel, Fred R., assignor.)

Clayton, Leland G. (See Brooks, Frazier O., assignor.)

Clayton Manufacturing Company, The. (See Bowes, William R., assignor.)

Clayton Manufacturing Company. See Griswold, Donald G., assignor.)

Clayton Manufacturing Company. (See Kerrick, Walter B., assignor.)

Clayton Manufacturing Company. (See Rathbun, Homer E., assignor.)

Clayton, Martin M., Baden, Pa., assignor to National Electric Products Corporation. Device attachment. 2,187,222; Jan. 16.

Clayton, Martin M., Pittsburgh, Pa., assignor to National Electric Products Corporation. Electrical lamp connection. 2,216,765; Oct. 8.

Clayton, Richard A., Jr., Birmingham, Ala. Swimmer's glove. 2,211,536; Aug. 13.

Clayton, William. (See Sumner, C. G., Johnson, and Clayton.)

Clayton, William, assignor to Crosse and Blackwell Limited, London, England. Lacquered metal container for foodstuffs. 2,215,143; Sept. 17.

Clayton, William, S. Back, J. F. Morse, and R. I. Johnson, assignors to Crosse & Blackwell Limited, London, England. Treatment of cacao butter. 2,200,858; May 14.

Clayton, William, R. I. Johnson, and C. G. Sumner, assignors to Crosse & Blackwell Limited, London, England. Coating metal containers. 2,215,144; Sept. 17.

Clayton, William, and H. K. Dean, assignors to Crosse and Blackwell Limited, London, England. Lacquering metal articles. 2,215,145; Sept. 17.

Clayton, William E., Independence, Kans. Gas carburetor. 2,218,145; Oct. 15.

Clayton, William F., Cullman, assignor of one-half to W. E. James, Cullman County, and one-fourth to N. E. James, Birmingham, Ala. Bumper construction for picker stick checks. 2,220,512; Nov. 5.

Claytor, Edward M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Engine throttle governor. 2,188,704; Jan. 30.

Claytor, Edward M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Wind switch. 2,199,617; May 7.

Claytor, Edward M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Air operated switch. 2,205,281; June 18.

Claytor, Edward M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Overdrive control system. 2,214,099; Sept. 10.

Claytor, Edward M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Overdrive control system. 2,214,100; Sept. 10.

Cleaners Hanger Company. (See Ruen, Henry C., assignor.)

Cleaners Specialties, Inc. (See Glover, William C., Jr., assignor.)

Clearman, Eugene R. (See Nadeau, G. F., and Clearman.)

Clearmont, Benjamin, Fort Worth, Tex. Tent construction. 2,199,127; Apr. 30.

Cleary, Ernest W., San Francisco, Calif. Nail guide for X-ray fracture table. 2,226,708; Dec. 31.

Cleaveland, John B., Far Hills, N. J. Waterproofing composition and waterproofing fabric. Re. 21,311; Jan. 2.

Cleland, William B., Troy, Ontario, assignor to Joseph E. Seagram & Sons Limited, Waterloo, Ontario, Canada. Mechanical advertising device. 2,193,475; Mar. 12.

Clem, Lester P., Muskogee, Okla. Roasting fork. 2,191,226; Feb. 20.

Clemens, George T., Los Angeles, Calif. Variable diffusion mechanism for cameras. 2,207,050; July 9.

Clemens, John E., Elizabeth, and G. L. Matheson, Union, N. J., assignors to Standard Oil Development Company. Voltolization apparatus and method. 2,191,787; Feb. 27.

Clemens, Paul N. (See Hempel, C. H., Schreihart, and Clemens.)

Clement, George H. Merchantville, N. J. Oil delivery computing device. 2,225,905; Dec. 24.

Clement, Walter J., New Hartford, Conn., assignor to The Bossert Company, Inc., Utica, N. Y. Hammer unit for grinding mills. 2,196,722; Apr. 9.

Clement, Walter J., New Hartford, assignor to The Bossert Company, Inc., Utica, N. Y. Metal trap for hammer mills. 2,204,069; June 11.

Clement, Walter J., New Hartford, assignor to The Bossert Company, Inc., Utica, N. Y. Hammer unit for grinders, crushers, pulverizers, or similar mills. 2,207,455; July 9.

Clements, Baron H., Kilgore, Tex. Pump. 2,212,436; Aug. 20.

Clements, James H., Detroit, Mich., assignor to J. P. Burke, Knoxville, Tenn. Mechanical push-button control. 2,205,844; June 25.

Clements Mfg. Co. (See Clements, William J., assignor.)

Clements, Waldo J. (See Bannister, L. C., and Clements.)

Clements, Waldo J. (See Hargreaves, E. S., Clements, Brown, and Lawrenson.)

Clements, William J., assignor to Clements Mfg. Co., Chicago, Ill. Air control system for vehicles. 2,203,814; June 11.

Clements, William K., Brunswick, N. Y., assignor to General Electric Company. Reel for aircraft antennas and the like. 2,193,619; Mar. 12.

Clementson, C. & S. (See Clementson, Johan F. J., assignor.)

Clementson, Johan F. J., Malmo, assignor to C. & S. Clementson, Malmo-Linhamn, Sweden. Lubricant-feeding apparatus for internal combustion engines. 2,194,007; Mar. 19.

Clementz, Clarence W. (See Bullock, J. W., and Clementz.)

Clemm, William M., Akron, Ohio. Wallpaper board. 2,206,162; July 2.

Clemmitt, Willis B., and J. C. Hayes, Jr., assignors to Freyn Engineering Company, Chicago, Ill. Blast furnace construction. 2,200,488; May 14.

Clemons, Frederick E., Indianapolis, Ind. Independent wheel suspension. 2,216,907; Oct. 8.

Clemson Bros., Inc. (See Clemson, Richard D., assignor.)

Clemson, Richard D., assignor to Clemson Bros., Inc., Middletown, N. Y. Mower. 2,185,833; Jan. 2.

Clench, Edward C. S., assignor to Automotive Products Company, Limited, London, England. Liquid pressure remote control system. 2,190,257; Feb. 13.

Clench, Edward C. S., Leamington Spa, assignor to Automotive Products Company Limited, London, England. Remote control system. 2,205,346; June 18.

Clench, Edward C. S., assignor to Automotive Products Company Limited, London, England. Liquid pressure remote control apparatus. 2,206,163; July 2.

Clench, Edward C. S., and Q. H. H. Kahl, assignors to Automotive Products Company Limited, London, England. Remotely acting liquid pressure position-indicating device. 2,225,768; Dec. 24.

Clensel Products, Inc. (See Halsey, Norman W., assignor.)

Clerc, Leonard F., Chicago, Ill. Refrigeration. 2,191,518; Feb. 27.

Clerc, Leonard F., Chicago, Ill. Refrigerated display cabinet. 2,206,689; July 2.

Clerc, Leonard F., Chicago, Ill. Refrigerating apparatus. 2,220,888; Nov. 12.

Clerici, Carlo, Como, Italy. Basin for clarifying and cleansing dirty and drain waters. 2,226,968; Dec. 31.

Clerk, Robert C. (See Sinclair, H., and Clerk.)

Clerke, John B., Springfield Gardens, N. Y. Drafting attachment for scales. 2,190,327; Feb. 13.

Cleveland Automatic Machine Company, The. (See Bredenbeck, William C., assignor.)

Cleveland File Company. (See Crater, John F., assignor.)

Cleveland Crane & Engineering Company, The. (See Bath, Cyril J., assignor.)

Cleveland Crane & Engineering Company, The. (See Everard, Frederick W., assignor.)

Cleveland Crane & Engineering Company, The. (See Rosenthal, Morris G., assignor.)

Cleveland Crane & Engineering Company, The. (See Wehr, William G., assignor.)

Cleveland, Don L., Mount Gilead, Ohio, assignor to The Hydraulic Press Corp. Inc., Wilmington, Del. Horn press. 2,222,833; Nov. 26.

Cleveland Frog & Crossing Co. (See Arnold, George, assignor.)

Cleveland Frog & Crossing Co. (See Goodaire, Edwin W., assignor.)

Cleveland Graphite Bronz Company, The. (See Edwards, George, assignor.)

Cleveland Graphite Bronze Company, The. (See Palm, John V. O., assignor.)

Cleveland Graphite Bronze Company, The. (See Palm, J. V. O., Anthony, and Wilkey, assignors.)

Cleveland Graphite Bronze Company, The. (See Palm, J. V. O., and Luetkemeyer, assignors.)

Cleveland Graphite Bronze Company, The. (See Swartz, C. E., and Dockstetter, assignors.)
Cleveland Graphite Bronze Company, The. (See Swartz, C. E., and Schwartz, assignors.)
Cleveland Heater Company, The. (See Johanson, John H., assignor.)
Cleveland Hobbing Machine Company, The. (See Staples, Otis E., assignor.)
Cleveland Hobbing Machine Company, The. (See Staples, O. E., and Perkins, assignors.)
Cleveland Pneumatic Tool Company, The. (See Greve, Louis W., assignor.)
Cleveland Pneumatic Tool Company, The. (See Griepenstroh, Arthur W., assignor.)
Cleveland Pneumatic Tool Company, The. (See Krueger, Elmer W., assignor.)
Cleveland Pneumatic Tool Company, The. (See Kruegler, E. W., and Wallace, assignors.)
Cleveland Pneumatic Tool Company, The. (See Lear, Earl B., assignor.)
Cleveland Pneumatic Tool Company, The. (See Renfer, John E., assignor.)
Cleveland Pneumatic Tool Company, The. (See Van Sittert, Paul, assignor.)
Cleveland Pneumatic Tool Company, The. (See Van Sittert, P., and Speth, assignors.)
Cleveland Pneumatic Tool Company, The. (See Wallace, John F., assignor.)
Cleveland Pneumatic Tool Company, The. (See Warner, E. Raymond, assignor.)
Cleveland Quarries Company, The. (See Danback, Willis E., assignor.)
Cleveland Rock Drill Company, The. (See Feucht, Albert, assignor.)
Cleveland Rock Drill Company, The. (See Smith, William A., Jr., assignor.)
Cleveland Rock Drill Company, The. (See Smith, W. A., Jr., and Feucht.)
Cleveland Shopping News Company, The. (See Hamlin, Walter E., assignor.)
Cleveland Steel Corporation. (See von Haase, Anthony, assignor.)
Cleveland Steel Products Corp. (See O'Brien, James L., assignor.)
Cleveland Steel Products Corp. (See Slaght, William W., assignor.)
Cleveland Steel Products Corporation. (See Smith, W. J., and Slaght, assignors.)
Cleveland Tractor Company, The. (See Heaslet, James G., assignor.)
Cleveland Tractor Company, The. (See Story, Elmer J., assignor.)
Cleveland Trust Company, The. (See Dillon, Harold H., assignor.)
Cleveland Twist Drill Company, The. (See Emmons, Joseph V., assignor.)
Cleveland Welding Company, The. (See Kranz, Harry W., assignor.)
Cleveland Welding Company, The. (See Mueller, Homer L., assignor.)
Cleveland Welding Company. (See Uber, Harold R., assignor.)
Cleven, Henry M., Chicago, Ill. Denture connector. 2,224,511; Dec. 10.
Clevenger, Ben C. (See Turck, J. A. V., and Clevenger.)
Clickner, Earle D. (See Russell, S. G., and Clickner.)
Clickner, Forest H., Chicago, Ill., assignor to Kraft Cheese Company. Cheese flavored popped popcorn. 2,222,560; Nov. 19.
Clicquennoi, Grover A., Rochester, N. Y. Merchandise display structure. 2,188,674; Jan. 30.
Clicquennoi, Irving M., and H. W. Weimer, Milwaukee, Wis., assignor to W. E. Lippmann, doing business as Lippmann Engineering Works. Sand classifier. 2,203,405; June 4.
Cliffe, Wilfrid H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of new azo dyestuffs. 2,200,414; May 14.
Cliffe, Wilfrid H., Blackley, Manchester, England, assignor to Imperial Chemical Industries, Limited. Manufacture of new azo dyestuffs. 2,216,229; Oct. 1.
Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Age resister. 2,189,725; Feb. 6.
Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Age resistor. 2,205,084; June 18.
Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,211,616; Aug. 13.
Clifford, Ivor L., Northwich, England, assignor to Imperial Chemical Industries Limited. Manufacture of sodium hydroxide from sodium chloride. 2,195,917; Apr. 2.
Clifford, Ivor L., Northwich, England, assignor to Imperial Chemical Industries Limited. Manufacture of alkali metal hydroxides from alkali metal chlorides. 2,195,918; Apr. 2.
Clifford Manufacturing Co. (See Clifford, Walter B., assignor.)
Clifford, Ralph K., assignor to Continental Steel Corporation, Kokomo, Ind. Treating metal surfaces. 2,213,952; Sept. 10.
Clifford, Walter B., assignor to Clifford Manufacturing Co., Boston, Mass. Thermostatic device. 2,219,542; Oct. 29.
Clifton, Harry G., Miami, Fla. Direction signal switch. 2,190,772; Feb. 20.
Clifton, Martin K., Vesta, Va., assignor of one-fourth to R. B. Cassell. Firearm safety. 2,195,693; Apr. 2.
Clifton, W. E. (See Harris, Romaine R., assignor.)
Climax Corporation. (See Gouinlock, W. S., and Truax, assignors.)
Climax Radio & Television Co. (See Rose, H. R., and Swartz, assignors.)
Climer, Herschel, Vega, Tex. Rotary cutter. 2,206,764; July 2.
Cline, Allan J., Chicago, Ill. Driving mechanism for printing presses. 2,211,002; Aug. 13.
Cline, Earle E. (See Larry, T. A., and Cline.)
Cline, Irl R., assignor to Western Brick Company, Danville, Ill. Building block construction. 2,216,875; Oct. 8.
Cline, John J., Clarksville, Ark. Coal cutting machine. 2,187,301; Jan. 16.
Cline, Melvin H., assignor to Eiseman-Kaye Company, Chicago, Ill. Container. 2,191,557; Feb. 27.
Cline, Sherrill, Miami, Fla. Fluid heater. 2,202,756; May 28.
Clingerman, George L., Bellefontaine, Ohio. Motorbus construction. 2,204,926; June 18.
Clinton, Harry D., Johnson City, N. Y. Abrasive-proof bobbin. 2,195,358; Mar. 26.
Clinton, Harry D., Johnson City, N. Y. Spool or bobbin. 2,225,551; Dec. 17.
Clipper Belt Lacer Company. (See Diamond, James K., assignor.)
Clipper Belt Lacer Company. (See Sperry, Walter, assignor.)
Clipston, Frank J., Farragut, Iowa, assignor of one-half to S. Enemark and J. C. Enemark, Omaha, Nebr. Automatic side hill equalizer attachment for grain combines. 2,189,706; Feb. 6.
Clocker, Edwin T., Fountain Hill, Pa. Condensation product and method. 2,188,882; Jan. 30.
Clocker, Edwin T., Fountain Hill, Pa. Condensation product and method. 2,188,883; Jan. 30.
Clocker, Edwin T., Bethlehem, Pa. Coating, composition, and method. 2,188,884; Jan. 30.
Clocker, Edwin T., Bethlehem, Pa. Condensation product and method. 2,188,885; Jan. 30.
Clocker, Edwin T., Bethlehem, Pa. Condensation product and method. 2,188,886; Jan. 30.
Clocker, Edwin T., Bethlehem, Pa. Oily dispersion material. 2,188,887; Jan. 30.
Clocker, Edwin T., Bethlehem, Pa. Condensation product. and method. 2,188,888; Jan. 30.
Clocker, Edwin T., Bethlehem, Pa. Condensation product and method. 2,188,889; Jan. 30.
Clocker, Edwin T., Bethlehem, Pa. Olefinic condensation product combined with a phenol and method. 2,188,890; Jan. 30.
Cloedy, Frederick W., St. Louis, and H. A. Carlson, University City, assignors to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. Re. 21,610; Oct. 29.
Cloedy, Frederick W., St. Louis, and H. A. Carlson, University City, assignors to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,191,905; Feb. 27.
Clokey, Allison A., Rutherford, N. J. Mixing valve. 2,193,581; Mar. 12.
Cloney, Thomas W., 2nd. (See Kirkman, J. J., and Cloney.)
Clopay Corporation. (See Thexton, Arthur L., assignor.)
Close, Wilmot S., Mountain Lakes, N. J. Typewriter supply roll for typewriting check and cash book entries. 2,220,708; Nov. 5.
Closson, Vernon L., Chicago, Ill. Knee appliance. 2,220,836; Nov. 5.
Clothier, Stewart L. (See Kern, E. A., Clothier, and Hogencamp.)
Clothier, Stewart L., East Orange, and H. C. Hogencamp, Irvington, assignors to Kolorama Laboratories, Inc., Newark, N. J. Method and system for television transmission. 2,201,554; May 21.
Clothier, Stewart L., East Orange, and H. C. Hogencamp, Irvington, assignors to Kolorama Laboratories, Inc., Newark, N. J. Scanner. 2,201,811; May 21.
Clothier, Stewart L., Irvington, and H. C. Hogencamp, Maplewood, assignors to Kolorama Laboratories, Inc., Newark, N. J. Scanning method and apparatus. 2,226,508; Dec. 24.
Cloud, Carey C., Chicago, Ill. Display device. 2,200,616; May 14.
Cloud, Gould H. (See Miller, P., and Cloud.)
Cloud, Raymond T., Los Angeles, Calif., assignor, by mesne assignments, to Stanolind Oil and Gas Company, Tulsa, Okla. Attenuator. 2,193,620; Mar. 12.
Cloud, Raymond T., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Electrical logging of earth formations. 2,206,863; July 9.
Cloud, Raymond T., assignor to Stanolind Oil and Gas formations. 2,206,864; July 9.
Cloud, Raymond T., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Method and apparatus for electrical logging. 2,210,795; Aug. 6.
Cloud, William S., Wilmette, Ill. Method and apparatus for folding strips of paper and the like. 2,190,823; Feb. 20.

Cloudsley, Hilda I., West Los Angeles, Calif. Handkerchief display package. 2,206,543; July 2.
Clough, John W., Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,204,981; June 18.
Clough, Lee E., assignor to The General Tire & Rubber Company, Akron, Ohio. Sealing gasket. 2,210,833; Aug. 6.
Clough, Newsome H., and E. Green, Essex, England, assignors to Radio Corporation of America. Modulated carrier wave transmitter. 2,209,510; July 30.
Clough, Oren C., Wilkes-Barre, Pa. Fuse switch. 2,186,165; Jan. 9.
Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Control mechanism for forging machines. 2,192,734; Mar. 5.
Clouse, William L., deceased; late of Tiffin, Ohio, The Commercial National Bank, Tiffin, Ohio, executor, assignor to The National Machinery Company, Tiffin, Ohio. Rod extruder. 2,213,336; Sept. 3.
Clouston, Charles E., Isleworth, England, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Occulter for searchlights. 2,186,063; Jan. 9.
Clouston, Charles E., Osterley, England, assignor to Sperry Gyroscope Company, Inc., New York, N. Y. Electrically operated engine starter. 2,204,573; June 18.
Clouthier, George P., Hubbell, assignor of one-half to F. W. Burritt, Houghton, Mich. Shoe polishing kit. 2,226,898; Dec. 31.
Cloutier, Arthur N. (See Lawson, John and R. H., and Cloutier.)
Cloutier, Arthur N. (See Lawson, R. H., and Cloutier.)
Cloutier, Arthur N. (See Lawson, R. H., Cloutier, and Green.)
Cloutier, Arthur N., Lansdale, assignor to Hemphill Company, Central Falls, R. I. Yarn take-up. 2,193,311; Mar. 12.
Cloutier, Ellery J., et al. (See Place, Bion C., assignor.)
Cloutier, Paul N., assignor to Faries Manufacturing Company, Decatur, Ill. Bracket clamp. 2,220,214; Nov. 5.
Cloutier, Paul N., assignor to Faries Manufacturing Company, Decatur, Ill. Desk lamp. 2,220,215; Nov. 5.
Cloutier, Paul N., assignor to Faries Manufacturing Company, Decatur, Ill. Joint for articulated arms. 2,220,216; Nov. 5.
Clover, Melvin R., Ventura, Calif. Animal trap. 2,200,617; May 14.
Clow, Alfred C., Greenwich, London, assignor to Philplug Products Limited, Perivale, Greenford, Middlesex, England. Boring or drilling tool. 2,201,159; May 21.
Clowson, Alexander, Gloversville, N. Y. Racket press. 2,196,625; Apr. 9.
Cluett, Peabody & Co. (See Schreiner, George A., assignor.)
Cluett, Peabody & Co. (See Snyder, A. F., and Solomon, assignors.)
Cluett, Peabody & Co. (See Swan, T. H., and Donaldson, assignors.)
Cluff, Thomas W., Ottawa, Ontario, Canada. Apparatus for renewing the ice surface in rinks. 2,225,207; Dec. 17.
Clum Manufacturing Company. (See Tregoning, William C., assignor.)
Clyde Iron Works, Inc. (See McGiffert, John R., assignor.)
Coahran, Jesse M., Smethport, Pa. Separation of materials. 2,197,069; Apr. 16.
Coanda, Henri, Clichy, France. Exhaust of gases from engines. 2,187,342; Jan. 16.
Coanda, Henri, Clichy, France. Device for facilitating the discharge of a gas under pressure. 2,198,655; Apr. 30.
Coates, Arthur J. B. (See Henderson, A. J., Forecast, and Coates.)
Coates, Charles B., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Electric hammer attachment. 2,191,608; Feb. 27.
Coates, Charles F., Spokane, Wash. Spreader plate. 2,200,835; May 14.
Coates, Fielding C. (See Mole, P., Richardson, Coates.)
Coates, Frank. (See Beadle, John J., assignor.)
Coates, Frank. (See Fisher, A. J., Rehbein, and Coates.)
Coates, Herbert J., Erdington, Birmingham, assignor to The General Electric Company Limited, London, England. Electric motor control system. 2,199,098; Apr. 30.
Coats, Harry P., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Method of and apparatus for polishing containers. 2,196,058; Apr. 2.
Coaty, Walter C. (See Schultz, J., McCrillis, and Coaty.)
Cobb, Charles E., Whitman, Mass. Unitary water heater. 2,197,298; Apr. 16.
Cobb, Chester L., Portland, Maine. Foldable tricycle. 2,194,161; Mar. 19.
Cobb, Collier, Jr., et al. (See McCauley, John W., assignor.)
Cobb, Henry P., Harrow Weald, assignor to Courtaulds Limited, London, England. Crimping threads, filaments, and the like. 2,204,341; June 11.
Cobb, Ida B., New York, N. Y. Educational device. 2,226,338; Dec. 24.
Cobb, James F., Portland, Oreg. Dry kiln and in the art of kiln drying. 2,202,143; May 28.
Cobb, Thomas R., Brownsville, Tenn. Comb. 2,202,089; May 28.
Cobbs, Ansalem O., Des Moines, Iowa. Certificate holder. 2,198,718; Apr. 30.
Coberly, Clarence J., Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev. Flow governor for fluid operated pumps. 2,191,093; Feb. 20.
Coberly, Clarence J., Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev. Deep well pumping device. 2,194,740; Mar. 26.
Coberly, Clarence J., Los Angeles, Calif., assignor to RoKo Corporation, Reno, Nev. Liquid operated motor. 2,204,120; June 11.
Coberly, Clarence J., Los Angeles, assignor to Kobe, Inc., Huntington Park, Calif. Gravel packing for wells. 2,217,215; Oct. 8.
Coberly, Clarence J., Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev. Fluid flow governor. 2,224,216; Dec. 10.
Cobert, Arthur J., assignor to Real Silk Hosiery Mills, Inc., Indianapolis, Ind. Stocking. 2,205,790; June 25.
Cobham, Alan J., P. R. Allison, and E. J. Tripp, Yapton, assignors to Flight Refuelling Limited, London, England. Establishing a cable or like connection between aircraft in flight. 2,193,312; Mar. 12.
Cobham, Alan J., H. C. Johnson, and P. R. Allison, Ford Aerodrome, Yapton, assignors to Flight Refuelling Limited, Temple, London, England. Apparatus for refueling aircraft in the air. 2,199,588; May 7.
Coblentz, George D. (See Snyder, Elmer B., assignor.)
Coblentz, Robert W. (See Vogel, R. C., Coblentz, and Capstick.)
Cobrecite Corporation. (See Kaloustian, George, assignor.)
Cobrecite Corporation. (See Nevin, H. S., and Kaloustian, assignors.)
Coburn, Abbott. (See Koch, Henry C., assignor.)
Coburn, Clifton R. (See Engelbaugh, H. E., Gettig, and Coburn.)
Coburn, Clifton R., Youngstown, Ohio, assignor to Manning, Maxwell & Moore, Inc., New York, N. Y. Handling magnetizable plates and apparatus therefor. 2,204,207; June 11.
Coburn, Ernest, Spokane, assignor, by mesne assignments, to Walla Walla Iron Works, Inc., Walla Walla, Wash. Weeder. 2,208,894; July 23.
Coca-Cola Company, The. (See Gurley, John W., assignor.)
Coca-Cola Company, The. (See Morin, Louis H., assignor.)
Cochenour, John B., Donora, Pa., assignor to The American Steel and Wire Company of New Jersey. Pneumatic means for expelling formed articles from the machine. 2,214,362; Sept. 10.
Cochran, Gula V., administratrix. (See Cochran, W. H., and McKechnie.)
Cochran, James F., Glendale, Calif. Faucet. 2,205,684; June 25.
Cochran, John E., assignor to The Crosley Corporation, Cincinnati, Ohio. Cooling system for refrigerators. 2,185,330; Jan. 2.
Cochran, Rupert D., Houston, Tex. Popping cork. 2,186,281; Jan. 9.
Cochran, Walter H., Detroit, deceased, and I. C. McKechnie, Highland Park, Mich.; G. V. Cochran, administratrix of said W. H. Cochran, assignor to Cole-Hersee Company, Boston, Mass., and said McKechnie, assignor to Chrysler Corporation, Highland Park, Mich. Electrical connector. 2,222,252; Nov. 19.
Cochran, William D., Iron Mountain, Mich. Chip dispenser. 2,193,164; Mar. 12.
Cochran, William R., Philadelphia, Pa., assignor to Heintz Manufacturing Company. Ship door or hatch construction and adjustable retaining means therefor. 2,205,845; June 25.
Cochrane Corporation. (See Rohlin, Victor A., assignor.)
Cochrane, Robert A., Los Angeles, Calif. Timer. 2,212,930; Aug. 27.
Cochrane, Robert B., assignor to Flax and Linen, Inc., Baltimore, Md. Bast fiber preparation; 2,208,287; July 16.
Cockburn, David H., Iver, assignor of one-half to Power Specialties Limited, Maidenhead, England. Machine for cutting grass. 2,198,526; Apr. 23.
Cockrell, William D., Schenectady, N. Y., assignor to General Electric Company. Electric control circuit. 2,192,735; Mar. 5.
Cockrill, William W. (See Herring, Glenn H., assignor.)
Coddington, Earl L., assignor to N. L. Barton, Middletown, Ohio. Polishing apparatus. 2,200,592; May 14.
Coddington, Herbert M., Morristown, N. J. Ladder and load supporting device. 2,199,042; Apr. 30.
Coddington, Lloyd, Minneapolis, Minn. Oiling system. 2,186,477; Jan. 9.
Codling, Eldred P., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Tension control system. 2,193,121; Mar. 12.
Codwise, Philip W., Thorold, Ontario, Canada, assignor to Certain-teed Products Corporation, New York, N. Y. Nonabsorptive material. 2,219,381; Oct. 29.
Coe, Allan R., assignor to The Carlyle Johnson Machine Co., Manchester, Conn. Clutch. 2,201,676; May 21.

Coe, Allan R., assignor to The Carlyle Johnson Machine Co., Manchester, Conn. Clutch. 2,217,357; Oct. 8.
Coe, Orval E., Fremont, and D. I. Gnepper, Elmore, Ohio. Pulley belt applicator. 2,195,359; Mar. 26.
Coe, Ralph H. (See Schneider, R. F., Coe, and Ware.)
Coe, Thomas H., Jr., Hartford, Conn. Prefabricated building. 2,193,550; Mar. 12.
Coelho, Arthur R., New York, N. Y. Smoking pipe reamer. 2,226,114; Dec. 24.
Coenen, Edouard J. B., Brussels, Belgium. Furnace for solid fuels. 2,214,404; Sept. 10.
Coeterier, Frederik, and M. C. Teves, Eindhoven, Netherlands, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Optical image reproducer. 2,196,854; Apr. 9.
Coffee Electrost Corporation. (See Adams, D. W., and Schuhmann, assignors.)
Coffee Products Corporation. (See Kappenberg, William, assignor.)
Coffelt, Terrill M., Cincinnati, Ohio, assignor to H. Weiner, Spring Valley, N. Y. Meat-tendering machine. 2,222,477; Nov. 19.
Coffey, George M., Ronan, Mont. Door fastener. 2,215,914; Sept. 24.
Coffey, Irven E., St. Louis, Mo. Carburetor choke device. 2,218,699; Oct. 22.
Coffey, Irven E., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor structure. 2,207,456; July 9.
Coffey, Irven E., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,209,511; July 30.
Coffey, Irven E., Normandy, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor throttle control. Re. 21,641; Dec. 3.
Coffey, Jasper M., and R. C. English, San Diego, Calif. Liquid dispenser. 2,205,875; June 25.
Coffey, Oscar L., assignor to Whiting Corporation, Harvey, Ill. Apparatus for cleaning metal parts. 2,211,099; Aug. 13.
Coffey, Samuel, N. H. Haddock, and C. Wood, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Anthraquinone dyestuffs. 2,204,749; June 18.
Coffin, Alexander P., Farewell Cove, Quebec, Canada. Ski climbing device. 2,199,721; May 7.
Coffin, David D., Waltham, assignor to Raytheon Manufacturing Company, Newton, Mass. Arc tube system. 2,220,077; Nov. 5.
Coffin, Edward E., and A. L. Krause, Providence, R. I., assignors to Brown and Sharpe Manufacturing Company. Milling machine. 2,217,671; Oct. 15.
Coffin, Edward E., and A. L. Krause, Providence, R. I., assignors to Brown and Sharpe Manufacturing Company. Milling machine. 2,217,672; Oct. 15.
Coffin, Joel S., Jr., assignor to C-S Engineering Company, Englewood, N. J. Locomotive feed-water heating equipment. 2,220,365; Nov. 5.
Coffin, Philip T., Glen Ridge, N. J., assignor to Aluminum Company of America, Pittsburgh, Pa. Connecting device. 2,222,936; Nov. 26.
Coffman, Donald D. (See Brubaker, M. M., Christ, and Coffman.)
Coffman, Donald D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Quaternary ammonium compounds and making them. 2,191,753; Feb. 27.
Coffman, Donald D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyamides. 2,193,529; Mar. 12.
Coffman, Donald D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasticized synthetic linear polyamide composition. 2,214,405; Sept. 10.
Coffman, Donald D., Lindamere, and A. M. Collins, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of levulinic and homologous acids and intermediate compounds from dihalogen butenes. 2,192,298; Mar. 5.
Coffman, Donald D., and B. F. Faris, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of polymeric acyloins. 2,212,151; Aug. 20.
Coffman, Richard D. (See Federighi, G. J., and Coffman.)
Coffman, Robert L., Eastpoint, Fla. Insect insulator. 2,196,140; Apr. 2.
Coffman, Roscoe A., Pittsburgh, Pa. Rotary breech mechanism for power generating propulsive charges. 2,208,496; July 16.
Coffman, Samuel M., assignor of one-third to F. G Fischer, Kansas City, Mo. Brake controlling means for automobiles. 2,223,717; Dec. 3.
Cogan, Howard C. (See Boles, H. S., and Cogan.)
Cogburn, Eugene, assignor to American Associated Companies, Atlanta, Ga. Hair gown. 2,222,896; Nov. 26.
Coggeshall, George W., Yarmouth, Maine, assignor to S. D. Warren Company, Boston, Mass. Paper carrier sheet for tacky rubber, and making same. 2,188,331; Jan. 30.
Coghill, Robert De W., Hamden, Conn., assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Thiazane derivatives. 2,191,452; Feb. 27.
Cogsdill, Stuart A., assignor to Cogsdill Twist Drill Company, Inc., Detroit, Mich. Reamer. 2,206,941; July 9.
Cogsdill Twist Drill Company. (See Cogsdill, Stuart A., assignor.)
Cohee, Rolland F., Jr., Ames, Iowa, assignor to Corn Products Refining Company, New York, N. Y. Making vinegar from dextrose. 2,197,517; Apr. 16.
Cohen, Abe, et al. (See Piper, John, assignor.)
Cohen, Albert, Washington, D. C. Picture frame. 2,223,674; Dec. 3.
Cohen, Charles A. (See Mikeska, L. A., and Cohen.)
Cohen, Charles A., Elizabeth, and L. A. Mikeska, Westfield, N. J., assignors to Standard Oil Development Company. Alkyl phenol disulphides and monosulphides. 2,207,719; July 16.
Cohen, Charles A., Elizabeth, and C. M. Beamer, Roselle, N. J., assignors to Standard Alcohol Co. Manufacture of chlorhydrins. 2,218,981; Oct. 22.
Cohen, David L., Brooklyn, N. Y. Container cover. 2,205,467; June 25.
Cohen, Eli, Swampscott, assignor to Marilyn Sandal Corporation, Stoneham, Mass. Sandal. 2,206,001; June 25.
Cohen, Frank A., New York, N. Y. Sliding back for corsets. 2,193,551; Mar. 12.
Cohen, Henry, New York, N. Y. Combination umbrella stand and rubber utilities cabinet. 2,199,194; Apr. 30.
Cohen, Herman. (See Fishbein, F., and Harr, assignors.)
Cohen, Ira, Seattle, Wash. Holder for articles to be grated. 2,207,286; July 9.
Cohen, Jacob M., Brooklyn, N. Y. Suspender. 2,185,400; Jan. 2.
Cohen, Joseph H. (See Janda, Henry, assignor.)
Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Fan. 2,192,811; Mar. 5.
Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Fan. 2,192,812; Mar. 5.
Cohen, Joseph H., assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,201,952; May 21.
Cohen, Joseph H., assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,210,025; Aug. 6.
Cohen, Leon, Downey, Calif. Wardrobe sliding shelf construction for shirts. 2,217,890; Oct. 15.
Cohen, Max, et al. (See Piper, John, assignor.)
Cohen, Miriam, New York, N. Y. Nurse's interchangeable uniform. 2,211,100; Aug. 13.
Cohen, Morris, Brooklyn, N. Y. Figure article. 2,217,102; Oct. 8.
Cohen, Nathan B., Minneapolis, Minn. Heating apparatus. Re. 21,669; Dec. 24.
Cohn, Byron E., Denver, Colo. Seal for evacuated vessels and forming the same. 2,202,337; May 28.
Cohn, David, Brooklyn, N. Y. Combined noisemaker toy and place card holder. 2,215,661; Sept. 24.
Cohn, Irwin E., New York, N. Y. Ashtray for smokers. 2,189,940; Feb. 13.
Cohn, Irwin E., New York, N. Y. Musical rattle. 2,226,806; Dec. 31.
Cohn, Lawrence H. (See Perbal, Albert C., assignor.)
Cohn, Martin, and S. S. Nordin, Seattle, Wash. Vaginal applicator. 2,212,706; Aug. 27.
Cohn, Ralph F., assignor to Pines Winterfront Company, Chicago, Ill. Thermostatically actuated shutter unit. 2,201,661; May 21.
Cohn & Rosenberger Inc. (See Bangs, Ralph C., assignor.)
Cohn & Rosenberger, Inc. (See Placco, Oscar F., assignor.)
Cohn, Samuel, assignor to Samcoe Holding Corporation, New York, N. Y. Fabric feeding system. 2,190,860; Feb. 20.
Cohn, Samuel, and J. G. Walter, assignors to Samcoe Holding Corporation, New York, N. Y. Fabric finishing system. 2,187,644; Jan. 16.
Cohn, Samuel, and J. G. Walter, assignors to Samcoe Holding Corporation, New York, N. Y. Fabric feeding control system. 2,189,166; Feb. 6.
Cohn, Samuel, New York, and J. G. Walter, Ridgewood, assignors to Samcoe Holding Corporation, New York, N. Y. Method of and machine for finishing fabric. 2,192,880; Mar. 12.
Cohn, Samuel, New York, and J. G. Walter, Ridgewood, assignors to Samcoe Holding Corporation, New York, N. Y. Apparatus for rectifying traveling strips. 2,198,656; Apr. 30.
Cohn, Samuel, New York, and J. G. Walter, Ridgewood, assignors to Samcoe Holding Corporation, New York, N. Y. Propelling means for long strips of material. 2,200,328; May 14.
Cohn, Samuel, New York, and J. G. Walter, Ridgewood, assignors to Samcoe Holding Corporation, New York, N. Y. Method of and apparatus for drying fabric. 2,202,045; May 28.
Cohn, Samuel, and J. G. Walter, assignors to Samcoe Holding Corporation, New York, N. Y. Apparatus for tensioning tubular fabric. 2,222,794; Nov. 26.
Cohn, T., Inc. (See Felgner, Richard, assignor.)
Cohn, Willi M., Berkeley, assignor to Western Pipe & Steel Company of California, San Francisco, Calif. Electrical welding flux and method. 2,194,200; Mar. 19.
Cohu, Merry, and A. Trequigneaux, assignors to Societe Anonyme des Anciens Etablissements Saunier Duval Frisquet, Paris, France. Highway lighting apparatus. 2,196,548; Apr. 9.
Coil, Grover C., Dayton, Ohio, assignor to Central National Bank of Cleveland, trustee. Cash register. 2,213,101; Aug. 27.

Colaluca, Leonardo, Somerville, N. J. Game ball shooter. 2,196,549; Apr. 9.
Colaluca, Leonardo, Somerville, N. J. Game apparatus. 2,204,473; June 11.
Colas, André, et al. (See Colas, Jacques, assignor.)
Colas, Jacques, Paris, France, assignor of one-half to Societe Alfa; one-sixth to L. Colas; and one-sixth to A. Colas, Paris, France. Filter pack. 2,190,014; Feb. 13.
Colas, Louis, et al. (See Colas, Jacques, assignor.)
Colberg, Olaf A., assignor to Replogle Globes, Inc., Chicago, Ill. Illuminated globe and mounting therefor. 2,200,821; May 14.
Colberg, Rolf. (See Ruska, E., Reichel, and Colberg.)
Colberg, Rolf, Berlin-Dahlem, assignor to Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. Electron multiplier. 2,218,744; Oct. 22.
Colbert, Charles C., assignor to American Coating Mills, Inc., Elkhart, Ind. Calendar finished paper board product and production or treatment thereof. 2,226,709; Dec. 31.
Colbert, Clarence L. (See Kennard, Harry M., assignor.)
Colbert, Clarence L., Elizabeth, N. J., assignor to Fiske Brick & Granule Company, Boston, Mass. Apparatus for making roofing granules. 2,202,090; May 28.
Colbert, George G., Middleton, assignor to The Tanning Process Company, Boston, Mass. Apparatus for the disposal of dust. 2,211,812; Aug. 20.
Colbeth, Ivor M., Belleville, N. J. Lubricant and producing it. 2,210,140; Aug. 6.
Colbeth, Ivor M., East Orange, N. J., assignor to The Baker Castor Oil Company, New York, N. Y. Production of lubricants for textiles. 2,225,552; Dec. 17.
Colborne Manufacturing Company. (See Smith, Dennis W., assignor.)
Colburn, Bearl E., Green Bay, Wis. Dispensing cabinet. 2,201,985; May 28.
Colburn, George C., Jr., Newton, Mass., assignor to Jiffy Manufacturing Company. Package or crate. 2,194,008; Mar. 19.
Colby, Elmer E., et al. (See White, Frank M., assignor.)
Colby, Fred, New York, N. Y. Safety switch. 2,208,179; July 16.
Colby, Fred E., Penacook, N. H. Knob or the like. 2,209,644; July 30.
Colby, George E., East Providence, R. I., assignor to International Braid Company. Weaving ladder web and packaging the same. 2,226,093; Dec. 24.
Cold Control Corporation. (See Robinson, J. F., and King, assignors.)
Cold Metal Process Company, The. (See McBain, W. C., and Blattman, assignors.)
Cold Metal Process Company, The. (See Montgomery, Alonzo B., assignor.)
Coldren, Darius D., Schuylkill Haven, Pa. Slip-on cover for seats of passenger vehicles. 2,191,956; Feb. 27.
Cole, Albert G. T. (See Bownass, K. A., and Cole.)
Cole, Arthur D., Minneapolis, Minn. Automatic draft regulated furnace. 2,200,415; May 14.
Cole, Delbert, Hollydale, Calif. Pipe elevator. 2,195,445; Apr. 2.
Cole, Delbert, Hollydale, Calif. Pipe tong. 2,224,142; Dec. 10.
Cole Electric Products Co. Inc. (See Cole, L. W., and Smith, assignors.)
Cole Electric Products Co. Inc. (See Cole, L. W., Smith, and Jensen, assignors.)
Cole, Elmer K., Centralia, Mo. Clamp for guy wire cables. 2,193,269; Mar. 12.
Cole, Fred H., Glendale, Calif., assignor, by mesne assignments, to General Electric Company. Shielded contact construction for circuit breakers. 2,196,008; Apr. 2.
Cole, Henry, Co. (See Mayer, Leo, assignor.)
Cole-Hersee Company. (See Cochran, W. H., and McKechnie.)
Cole, Howard S., Jr. (See Davis, E. L., Cole, Larson, and Wells.)
Cole, Ira E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,220,889; Nov. 12.
Cole, Ira E., Montclair, N. J., and A. E. Mehlhose, St. Albans, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,207,720; July 16.
Cole, Irving V., Newark, N. J. Circuit testing board. 2,192,826; Mar. 5.
Cole, James D., assignor to The Black & Decker Electric Company, Kent, Ohio. Shaft and bearing assembly. 2,193,713; Mar. 12.
Cole, John E. (See Bigelow, N. M., and Cole.)
Cole, Julius A., Camden, Tenn. Trap hook. 2,213,624; Sept. 3.
Cole, Lorne A., assignor to Waterous Limited, Brantford, Ontario, Canada. Pressure limiting device. 2,211,052; Aug. 13.
Cole, Lorne A., assignor to Waterous Limited, Brantford, Ontario, Canada. Valve. 2,211,646; Aug. 13.
Cole, Louis W., New York, and C. I. Smith, Sunnyside, Long Island, assignors to Cole Electric Products Co. Inc., Long Island City, N. Y. Electrical socket. 2,199,237; Apr. 30.
Cole, Louis W., New York, C. I. Smith, Sunnyside, Long Island, and H. Jensen, Flushing, assignors to Cole Electric Products Co. Inc., Long Island City, N. Y. Electric switch. 2,224,848; Dec. 17.
Cole, Lyndon C., Hamilton, Ohio. Casting rod. 2,194,639; Mar. 26.
Cole, Lyndon C., Hamilton, Ohio. Casting rod. 2,226,897; Dec. 31.
Cole, Nelson E. (See Covell, H. S., Heasley, and Cole.)
Cole, Nelson E. (See Heasley, L. E., and Cole.)
Cole, Oliver A., Madison, Ind. Separable electric cord plug. 2,190,230; Feb. 13.
Cole, Paul M. (See Barrans, W. T., and Cole.)
Cole, Paul M. (See Barrans, W. T., Cole, and Girard.)
Cole, Raymond A. (See Silven, H. A., and Cole.)
Cole, Raymond A., assignor to Norton Company, Worcester, Mass. Optical sizing apparatus. 2,213,024; Aug. 27.
Cole, Samuel J., Alameda, Calif. Automatic control for radio apparatus. 2,190,699; Feb. 20.
Cole, William S., Carteret, N. J., assignor to Hammond Iron Works, Warren, Pa. Device for supporting plates in tank construction. 2,216,701; Oct. 1.
Cole, William S., Carteret, N. J., assignor to Hammond Iron Works, Warren, Pa. Metallic building construction. 2,216,702; Oct. 1.
Colell, Richard F., Edgbaston, Birmingham, assignor to The Austin Motor Company, Limited, Northfield, Birmingham, England. Facilitating the starting of internal combustion engines for motor vehicles using a fuel injection pump. 2,209,321; July 30.
Coleman, Ada and I. A., Baltimore, Md. Book cover. 2,222,253; Nov. 19.
Coleman, Charles C., Lamesa, Tex. Sliding door. 2,190,149; Feb. 13.
Coleman, Claud H., Fairmead, Calif. Hardening copper alloys. 2,198,719; Apr. 30.
Coleman, Claude H., Fairmead, Calif. Spark plug and electrodes therefor. 2,207,311; July 9.
Coleman, Gerald H. (See Britton, E. C., and Coleman.)
Coleman, Gerald H. (See Britton, E. C., Coleman, and Zemba.)
Coleman, Gerald H. (See Livak, J. E., Coleman, and Moyle.)
Coleman, Gerald H., assignor to The Dow Chemical Company, Midland, Mich. Thiocyano-alkyl ethers of halophenols. 2,185,185; Jan. 2.
Coleman, Gerald H., assignor to The Dow Chemical Company, Midland, Mich. 2-Chloroallyl ethers of phenols. 2,205,395; June 25.
Coleman, Gerald H., assignor to The Dow Chemical Company, Midland, Mich. Spray composition. 2,207,721; July 16.
Coleman, Gerald H., assignor to The Dow Chemical Company, Midland, Mich. Insecticidal spray. 2,210,900; Aug. 13.
Coleman, Gerald H., assignor to The Dow Chemical Company, Midland, Mich. Making isopropyl esters of aliphatic acids. 2,224,809; Dec. 10.
Coleman, Gerald H., and C. L. Moyle, assignors to The Dow Chemical Company, Midland, Mich. Thiocyano-alkyl ethers of alkylphenols. 2,185,183; Jan. 2.
Coleman, Gerald H., and C. L. Moyle, assignors to The Dow Chemical Company, Midland, Mich. Thiocyano-alkyl ethers of alkyl-halo-phenols. 2,185,184; Jan. 2.
Coleman, Gerald H., G. V. Moore, and G. B. Stratton, assignors to The Dow Chemical Company, Midland, Mich. Halogen-containing condensation product and making same. 2,186,366; Jan. 9.
Coleman, Gerald H., and G. B. Stratton, assignors to The Dow Chemical Company, Midland, Mich. Halo-aryl ethers. 2,186,367; Jan. 9.
Coleman, Gerald H., and J. W. Zemba, assignors to The Dow Chemical Company, Midland, Mich. Spray composition. 2,194,924; Mar. 26.
Coleman, Gerald H., L. E. Mills, and G. V. Moore, assignors to The Dow Chemical Company, Midland, Mich. Glycol ether. 2,196,576; Apr. 9.
Coleman, Gerald H., and C. L. Moyle, assignors to The Dow Chemical Company, Midland, Mich. (Polyhalophenoxy-alkyl) (thiocyano-alkyl) ethers. 2,201,156; May 21.
Coleman, Gerald H., Midland, Mich., and R. W. Sapp, Cambridge, Mass., assignors to The Dow Chemical Company, Midland, Mich. Organic thiocyanates. 2,201,157; May 21.
Coleman, Gerald H., Midland, Mich., and R. W. Sapp, Cambridge, Mass., assignors to The Dow Chemical Company, Midland, Mich. (Alkyl-halo-phenoxy-alkyl) (thiocyano-alkyl) ethers. 2,201,158; May 21.
Coleman, Gerald H., and C. L. Moyle, assignors to The Dow Chemical Company, Midland, Mich. (Alkyl-halophenoxy)-halo-dialkyl ethers. 2,205,392; June 25.
Coleman, Gerald H., and C. L. Moyle, assignors to The Dow Chemical Company, Midland, Mich. (Halo-phenoxy)-halo-dialkyl ethers. 2,205,393; June 25.
Coleman, Gerald H., and C. L. Moyle, assignors to The Dow Chemical Company, Midland, Mich. Spray composition. 2,205,394; June 25.
Coleman, Gerald H., and G. V. Moore, assignors to The Dow Chemical Company, Midland, Mich. Purification of alkyl chlorides and formation of esters. 2,207,611; July 9.

Coleman, Gerald H., and J. W. Zemba, assignors to The Dow Chemical Company, Midland, Mich. Ethers of substituted acyl-phenols. 2,207,612; July 9.
Coleman, Gerald H., and G. V. Moore, assignors to The Dow Chemical Company, Midland, Mich. 2-Methyl-allyl propionate and making same. 2,207,613; July 9.
Coleman, Gerald H., and B. C. Hadler, assignors to The Dow Chemical Company, Midland, Mich. 2-Chloroallyl esters of saturated mono-carboxylic acids. 2,208,960; July 23.
Coleman, Gerald H., and C. L. Moyle, assignors to The Dow Chemical Company, Midland, Mich. Insecticide. 2,217,673; Oct. 15.
Coleman, Gerald H., and R. W. Sapp, assignors to The Dow Chemical Company, Midland, Mich. (Aryloxy-alkyl (thiocyano-alkyl) ether. 2,218,019; Oct. 15.
Coleman, Gerald H., Midland, Mich., and R. W. Sapp, Cambridge, Mass., assignors to The Dow Chemical Company, Midland, Mich. (Poly-alkyl-phenoxy-alkyl) (thiocyano-alkyl) ethers. 2,218,020; Oct. 15.
Coleman, Gilbert R., Bellevue, N. Y., assignor to W. H. Croft, Chicago, Ill. Journal bearing. 2,206,077; July 2.
Coleman, Guy C., and H. Foster, Los Angeles, Calif. Device for cleaning type matrices. 2,222,068; Nov. 19.
Coleman, Isadore A. (See Coleman, Ada, and I. A.)
Coleman, James W., St. Lambert, Quebec, Canada. Car end construction. 2,185,783; Jan. 2.
Coleman, Harold, Chicago, Ill. Building construction. 2,199,694; May 7.
Coleman, Harry W. M., Huntington Park, Calif. Fence. 2,199,518; May 7.
Coleman Lamp and Stove Company, The. (See Coleman, William C., assignor.)
Coleman Lamp and Stove Company, The. (See Little, Elwood E., assignor.)
Coleman Lamp and Stove Company, The. (See Strong, Hiram W., assignor.)
Coleman, Orville K., Mineola, N. Y., assignor to The Rattan Manufacturing Company, New Haven, Conn. Cable hanger. 2,204,121; June 11.
Coleman, Robert H., Thomasville, N. C., assignor, by mesne assignments, to Scott & Williams, Inc., Laconia, N. H. Knitting machine. 2,199,302; Apr. 30.
Coleman, Roy E., Meriden, Conn., assignor, by mesne assignments, to The Zein Corporation of America. Stable zein solution. 2,188,895; Feb. 6.
Coleman, Stephen L. C., Fredericton, New Brunswick, Canada. Fluid pressure spring device. 2,207,088; July 9.
Coleman, Stephen L. C., Fredericton, New Brunswick, Canada. Spring suspension. 2,215,751; Sept. 24.
Coleman, William B., Bloomfield, N. J. Pharmaceutical preparation and making same. 2,208,120; July 16.
Coleman, William C., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Combination atomizer and mixer. 2,193,270; Mar. 12.
Coles, Henry L., Boulder, Colo., assignor to W. Sokolec, Chicago, Ill. Aluminum and chromium and zirconium alloy. 2,211,764; Aug. 20.
Coles, Henry L., Boulder, Colo., assignor to W. Sokolec, Chicago, Ill. Corrosion resistant alloy. 2,212,266; Aug. 20.
Coles, Walter H., and B. J. Nelson, assignors to The Skinner Irrigation Company, Troy, Ohio. Sprinkling apparatus. 2,223,441; Dec. 3.
Coleshill, Frederick R., Holywell, Wales, and J. H. McKeown, Leamington Spa, assignors to Courtaulds Limited, London, England. Manufacture and production of staple fiber. 2,208,497; July 16.
Coletti, Joseph, Norwich, Conn. Jacking apparatus. 2,223,246; Nov. 26.
Coley, Nelson B. (See Brixner, F. W., and Coley.)
Colgate-Palmolive-Peet Company. (See Bell, A. C., Miles, and Russell, assignors.)
Colgate-Palmolive-Peet Company. (See Brandt, Robert L., assignor.)
Colgate-Palmolive-Peet Company. (See Dreger, E. E., and Ross, assignors.)
Colgate-Palmolive-Peet Company. (See Harris, Benjamin R., assignor.)
Colgate-Palmolive-Peet Company. (See Heald, R. F., and Mehaffey, assignors.)
Colgate-Palmolive-Peet Company. (See Ittner, Martin H., assignor.)
Colgate-Palmolive-Peet Company. (See Muncie, Fred W., assignor.)
Colgate-Palmolive-Peet Company. (See Percy, Joseph H., assignor.)
Colgate-Palmolive-Peet Company. (See Ross, John, assignor.)
Colgate-Palmolive-Peet Company. (See Ross, J., and Mitchell, assignors.)
Colgate-Palmolive-Peet Company. (See Schulerud, Albert L., assignor.)
Colin, Philip G., Staten Island, assignor, by mesne assignments, of three-fourths to Tide Water Associated Oil Company, New York, N. Y. Lubrication. 2,222,431; Nov. 19.
Colin, Philip G., Staten Island, N. Y., and A. W. Lewis, Elizabeth, assignors to Tide Water Associated Oil Company, Bayonne, N. J. Lubricating oil and lubrication therewith. 2,187,802; Jan. 23.
Colin, Philip G., Staten Island, N. Y., and A. W. Lewis, Elizabeth, assignors to Tide Water Associated Oil Company, Bayonne, N. J. Lubricating oil and lubrication therewith. 2,211,558; Aug. 13.
Colin-Smith, Eric. (See Young, William J., assignor.)
Colio, William P., Rutledge, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,225,256; Dec. 17.
Collett, Charles H., Walnut Park, and M. M. Ayres, Los Angeles, Calif. Kelly bar bushing. 2,211,881; Aug. 20.
Collegeville Flag & Mfg. Co. (See Francis, Joel B., assignor.)
Colley, Arthur R. (See Geers, J. B., and Colley.)
Colley, Arthur R., and J. B. Geers, assignors to The National Cash Register Company, Dayton, Ohio. Cash register. 2,210,065; Aug. 6.
Colley, George A. (See Hammond, J. H., Jr., and Colley.)
Colley, Russell S., Kent, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Surface-protective apparatus. 2,204,122; June 11.
Collicutt, Earl H., assignor to The Aerofuser Company, Inc., New York, N. Y. Air mixer for ventilating systems. 2,217,944; Oct. 15.
Collier, Bryan C., Allentown, Pa., assignor to Cement Gun Company. Dam construction and repair. 2,217,470; Oct. 8.
Collier, Robert T., Hillsborough, Calif. Shuttle for badminton and the like. 2,192,180; Mar. 5.
Collier, William H., Jackson, Tenn. Spring suspension for automotive vehicles. 2,211,647; Aug. 13.
Collings, Francis J., Coventry, assignor to Courtaulds, Limited, London, England. Process and apparatus for producing artificial filaments, threads, and the like. 2,215,391; Sept. 17.
Collings, William R., and J. J. Hoeltzel, assignors to The Dow Chemical Company, Midland, Mich. Coating method. 2,186,957; Jan. 16.
Collings, William R., R. D. Freeman, and R. M. Upright, assignors to The Dow Chemical Company, Midland, Mich. Acid-resistant resin products. 2,221,778; Nov. 19.
Collings, William R., R. D. Freeman, and R. M. Upright, assignors to The Dow Chemical Company, Midland, Mich. Acid-resistant resin product. 2,221,779; Nov. 19.
Collins & Aikman Corporation. (See Conrad, J. E., and Keen, assignors.)
Collins & Aikman Corporation. (See Hewton, William R., assignor.)
Collins, Arnold M. (See Coffman, D. D., and Collins.)
Collins, Arnold M. (See Starkweather, H. W., and Collins.)
Collins, Arnold M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Halogen-2-hydroxy-4-butenes-2 and their derivatives and producing same. 2,192,299; Mar. 5.
Collins, Arthur A., assignor to Collins Radio Company, Cedar Rapids, Iowa. Distortion reducing system for suppressed carrier transmission. 2,186,958; Jan. 16.
Collins, Ashby C. and W. W., Birmingham, Ala. Molding machine. 2,191,847; Feb. 27.
Collins, Calhoun, assignor of two-fifths to California Pacific Service, Inc., and one-fifth to T. M. Ryerson, Bakersfield, Calif. Liquid controlled device. 2,205,811; June 25.
Collins, Calhoun, assignor of forty per cent to California Pacific Service, Inc., and twenty per cent to T. M. Ryerson, Bakersfield, Calif. Shake-out rack. 2,226,659; Dec. 31.
Collins, Douglas, Salisbury, N. C. Auxiliary steering mechanism. 2,191,125; Feb. 20.
Collins, Edgar V., Ames, Iowa, assignor to Deere & Company, Moline, Ill. Damming device. 2,202,091; May 28.
Collins, Edgar V., Ames, Iowa, assignor to Deere & Company, Moline, Ill. Damming device. 2,227,124; Dec. 31.
Collins, Edward J., Los Angeles, Calif., assignor to D. W. Price, Chicago, Ill. Manikin for bowling game. 2,195,446; Apr. 2.
Collins, Edward J., Los Angeles, Calif., assignor to H. C. Evans & Co., Inc., Chicago, Ill. Ball projecting manikin. 2,199,181; Apr. 30.
Collins, George B., Notre Dame, Ind. Display device. 2,207,117; July 9.
Collins, H. L., Sr. (See Uttz, William A., Sr., assignor.)
Collins, Harry, assignor to Knapp-Monarch Company, St. Louis, Mo. Heating unit for electric appliances. 2,194,848; Mar. 26.
Collins, Harry A., Detroit, Mich., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,187,470; Jan. 16.
Collins, Howard E., La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Hectograph mass and preparing copies therefrom. 2,223,280; Nov. 26.
Collins, Howard W. (See Simison, A. L., and Collins.)
Collins, Howard W. (See Slayter, G., and Collins.)
Collins, Hubert D. (See Eaton, J. F., and Collins.)
Collins, Hubert D., Tulsa, Okla. Fluid pump construction. 2,193,020; Mar. 12.
Collins, James M., North Attleboro, Mass. Key holder and chain-attaching means. 2,218,932; Oct. 22.
Collins, James W., et al. (See Wekerle, Ernest A., assignor.)
Collins, Jeffrey N. (See Twombly, Willard O., assignor.)

Collins, John F. (See Steadman, Edwin E., assignor.)
Collins, Joseph F., Philadelphia, Pa., assignor to Westinghouse X-Ray Company, Inc., Long Island City, N. Y. Hospital sterilizing unit and control. 2,215,635; Sept. 24.
Collins, Joseph F., Philadelphia, Pa., and C. J. Kraissl, Hackensack, N. J., assignors to Westinghouse X-Ray Company, Inc., Long Island City, N. Y. Hospital sterilizing unit. 2,215,634; Sept. 24.
Collins, Joseph L., assignor to Sprague Specialties Company, North Adams, Mass. Electrolytic device. 2,201,761; May 21.
Collins, Joseph L., and A. Durant, Jr., assignors to Sprague Specialties Company, North Adams, Mass. Electrolytic device. 2,199,519; May 7.
Collins, Leonard S., Detroit, Mich. Lock. 2,191,931; Feb. 27.
Collins Loom Works, Inc. (See Kellogg, W. D., and Fradenburgh, assignors.)
Collins, Milford E., Hollywood, Calif., assignor to Radio Corporation of America. Optical reduction printer. 2,194,542; Mar. 26.
Collins, Milford E., Hollywood, Calif., assignor to Radio Corporation of America. Unitary optical assembly. 2,196,583; Apr. 9.
Collins, Milford E., Hollywood, Calif., assignor to Radio Corporation of America. Film reel drive mechanism. 2,224,899; Dec. 17.
Collins, Paul F., assignor to The Columbus Dental Manufacturing Company, Columbus, Ohio. Pattern for castings. 2,204,123; June 11.
Collins Radio Company. (See Byrne, John F., assignor.)
Collins Radio Company. (See Collins, Arthur A., assignor.)
Collins Radio Company. (See Craft, Liva M., assignor.)
Collins Radio Company. (See Davis, Frank M., assignor.)
Collins Radio Company. (See Everitt, William L., assignor.)
Collins Radio Company. (See Wirkler, Walter H., assignor.)
Collins, Raymond R., Southport, Conn., assignor to The Lummus Company, New York, N. Y. Heat exchanger. 2,223,313; Nov. 26.
Collins, Robert E. (See Wright, E. M., and Collins.)
Collins, Ronald B. (See Kendall, J. D., and Collins.)
Collins, Timothy, assignor of one-half to B. F. Tomlin, San Francisco, Calif. Structural steel member. 2,191,788; Feb. 27.
Collins, Walter F., Scarsdale, N. Y. Locomotive smokebox arrangement. 2,226,052; Dec. 24.
Collins, Warren E., Inc. (See Roth, Herman P., assignor.)
Collins, William A., Crewe, Va. Combination screen and window. 2,225,332; Dec. 17.
Collins, William B., et al. (See Costello, Charles E., assignor.)
Collins, William R., Woodhaven, assignor, by mesne assignments, to Standard Brands Incorporated, New York, N. Y. Food product and making the same. 2,196,146; Apr. 2.
Collins, William S., et al. (See Bonson, Oscar A., assignor.)
Collins, William W. (See Collins, Ashby C. and W. W.)
Collis, Albert E., Salisbury, Mass. Smoking pipe reamer. 2,189,543; Feb. 6.
Collis Company, The. (See Carr, Ernest R., assignor.)
Collis Company, The. (See Cowan, Archibald D., assignor.)
Collis, Raymond E., Summit, R. E. Hersey, Madison, and J. B. Newsom, Great Neck, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,196,250; Apr. 9.
Collis, Raymond E., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,201,986; May 28.
Collonge, Louis L. (See Abrahams, S. A., Lewon, and Collonge.)
Collyer, John E., Stoke, Coventry, assignor to The General Electric Company, Limited, London, England. Telephone system. 2,192,223; Mar. 5.
Collyer, Louis G. (See Cheek, T. F., and Collyer.)
Colman, George E., Miami, Fla. Mechanical shaving device. 2,221,394; Nov. 12.
Colman, Howard D., Rockford, Ill. Self-adjusting hydraulic actuator. 2,193,190; Mar. 12.
Colman, Howard D., Rockford, Ill. Printing. 2,196,354; Apr. 9.
Colman, Howard D., assignor to Barber-Colman Company, Rockford, Ill. Clutch mechanism. 2,207,051; July 9.
Colmerauer, Andrew J., assignor of one-half to L. T. Langer, Long Beach, Calif. Liner perforator and undercutter. 2,214,811; Sept. 17.
Colomb, Henri, Lausanne, Switzerland. Producing a pivot bearing for watch movements. 2,219,067; Oct. 22.
Colomb, Henri, Lausanne, Switzerland. Pivot bearing for watch movements. 2,219,068; Oct. 22.
Colonial Broach Company. (See Hart, William A., assignor.)
Colonial Broach Company. (See Rovick, J. D., and Hart, assignors.)
Colonial Broach Company. (See Welte, B., and Werden, assignors.)
Colonial Insulator Company, The. (See White, Charles M., Jr., assignor.)
Colonial Radio Corporation. (See Cutting, F., Forbes, and Tittle, assignors.)
Colonial Radio Corporation. (See Forbes, Henry C., assignor.)
Colonial Radio Corporation. (See Hayes, W. A., and Ryan, assignors.)
Colonial Radio Corporation. (See Vorie, Innokent N., assignor.)
Colorado Fuel and Iron Corporation. (See Bailey, William H., assignor.)
Colorado Iron Works Company. (See Abbott, R. H., Dickson, and Bucher, assignors.)
Colorflex Corporation. (See Cooper, Roy L., assignor.)
Colorgraphic Process Corporation. (See Klopfenstein, Jesse D., assignor.)
Colorigh, Vincent L., Tulsa, Okla. Truck body attachment. 2,190,258; Feb. 13.
Colorplate Corporation. (See Goettsche, Roy C., assignor.)
Color Research Corporation. (See Grimson, Samuel B., assignor.)
Colquitt, James. (See Lover, M. J., and Colquitt.)
Colson Corporation, The. (See Roe, William C., assignor.)
Colt, Rutger B. (See Chappell, R. R., and Colt.)
Colt, Rutger B. (See Chappell, R. R., Colt, and McCormack.)
Colt, Samuel S., West Orange, N. J. Spreader for concrete forms. 2,190,700; Feb. 20.
Colt, Samuel S., West Orange, N. J. Form wall sustaining means. 2,190,701; Feb. 20.
Coltman, Bertram W. (See Petersen, Elmer W., assignor.)
Coltman, James O., Pleasant Ridge, Mich., assignor, by mesne assignments, to L. K. Obdyke, Glendale, Calif. Popcorn vending machine. 2,193,392; Mar. 12.
Coltof, Willem, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Preparation of cyclic-organo-trithiocarbonates. 2,193,415; Mar. 12.
Coltof, Willem, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Insecticide and fumigant. 2,217,358; Oct. 8.
Coltof, Willem, and S. L. Langedijk, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Process and product relating to stabilization of cyclic sulphides. 2,185,660; Jan. 2.
Colton, Deane W. (See Everett, G. I., and Colton.)
Colton, Henry S., Shaker Heights, and M. J. Rentschler, Willoughby, assignors to said H. S. Colton, said M. J. Rentschler, and J. A. Weeks, Shaker Heights, Ohio, as trustees. Weatherproofing articles containing calcium sulphate. 2,211,593; Aug. 13.
Colt's Patent Fire Arms Manufacturing Company. (See Christensen, Paul M., assignor.)
Colt's Patent Fire Arms Manufacturing Company. (See Conner, Benjamin F., assignor.)
Colt's Patent Fire Arms Manufacturing Company. (See Ironside, George, assignor.)
Colt's Patent Fire Arms Manufacturing Company. (See MacMannus, George E., assignor.)
Colt's Patent Fire Arms Manufacturing Company. (See Sachs, Joseph, assignor.)
Colt's Patent Fire Arms Manufacturing Company. (See Sachs, J., and Christensen, assignors.)
Colucci, Charles, New York, N. Y. Hinge. 2,205,396; June 25.
Columbia Equipment Company. (See Baudette, William L., assignor.)
Columbia Mills, Inc., The. (See Burns, Fred J., assignor.)
Columbia Narrow Fabric Company. (See Randall, Norman E., assignor.)
Columbia Protektosite Co. (See Brunetti, Joseph, assignor.)
Columbia Protektosite Co. (See Haag, Charles J., assignor.)
Columbia Protektosite Co. (See Lux, Eugene J., assignor.)
Columbia Ribbon & Carbon Manufacturing Company. (See Dixon, Lewis M., assignor.)
Columbian Carbon Company. (See Glaxner, Daniel, assignor.)
Columbian Carbon Company. (See Glaxner, Herman J.)
Columbian Rope Company. (See Bowen, Kenneth H., assignor.)
Columbian Rope Company. (See Simpson, James S., assignor.)
Columbus Auto Parts Company, The. (See Klages, Reynold E., assignor.)
Columbus Coated Fabrics Corporation. (See Hyatt, C. S., and Hedges, assignors.)
Columbus Coated Fabrics Corporation. (See Hyatt, C. S., and Lowman, assignors.)
Columbus Dental Manufacturing Company, The. (See Collins, Paul F., assignor.)
Columbus McKinnon Chain Corporation. (See McKinnon, Archibald L., assignor.)
Columbus McKinnon Chain Corporation. (See Stahl, Frank E., assignor.)
Columbus Metal Products Inc. (See Donley, Harold B., assignor.)
Columbus Metal Products Inc. (See Gilmore, J. G., and Huston, assignors.)
Colvin, Clifford. (See Summers, R. H., and Colvin.)
Colvin, Donald. (See Stadtfield, Jacob A., assignor.)

Colvin, Harold R., Baltimore, Md. Trainer for airplane pilots. 2,212,931; Aug. 27.
Colvin, Nolan D. (See Coultas, W. J., and Colvin.)
Colwell, Archie T., assignor to Thompson Products Incorporated, Cleveland, Ohio. Piston ring and making same. 2,202,899; June 4.
Combination Selector Company. (See Rainey, Paul M., assignor.)
Combined Locks Paper Company. (See Massey, P. J., Gardner, and Piepenburg, assignors.)
Combined Metals Reduction Company. (See Green, William D., assignor.)
Comb Pluckers Limited. (See Budd, A. G., and Barton, assignors.)
Combs, Chester A., assignor of fifty-one and two-thirds per cent to J. C. Foretich, Conroe, Tex., and forty-eight and one-third per cent to Mrs. J. C. Shelton. Well control equipment. 2,206,835; July 2.
Combustion Engineering Company. (See Chapman, Edward C., assignor.)
Combustion Engineering Company. (See Cook, Walter M., assignor.)
Combustion Engineering Company. (See Crites, Joe, assignor.)
Combustion Engineering Company. (See Cross, Bertam J., assignor.)
Combustion Engineering Company. (See Gordon, Charles W., assignor.)
Combustion Engineering Company. (See Hamm, Alexander L., assignor.)
Combustion Engineering Company. (See Krug, Julius E., assignor.)
Combustion Engineering Company. (See Kunz, W. J., and Carey, assignors.)
Combustion Engineering Company. (See Rosencrants, F. H., and Hamm, assignors.)
Combustion Engineering Company. (See Skelly, John S., assignor.)
Combusion Engineering Company. (See Toensfeldt, Kurt, assignor.)
Combustion Engineering Company. (See Van Brunt, John, assignor.)
Combustion Engineering Company. (See Wood, Wilfred R., assignor.)
Combustion Utilities Corporation. (See Brandegee, M. M., and Hemminger, assignors.)
Combustion Utilities Corporation. (See Fulton, K. H., and Ball, assignors.)
Combustion Utilities Corporation. (See Johnson, A., and Brandegee, assignors.)
Comer, Burt, Wichita, Kans. Bottle cap. 2,218,308; Oct. 15.
Comer, Floyd E., assignor to Buescher Band Instrument Company, Elkhart, Ind. Saxophone. 2,203,593; June 4.
Comfort, Michael, assignor of one-fourth to E. Moore and one-fourth to J. Zolkoski, Menasha, Wis. Vegetable and fruit peeling machine. 2,192,340; Mar. 5.
Comfy Manufacturing Co., The. (See Katzner, Fred E., assignor.)
Comings, Henry E. (See Gregory, E. E., and Comings.)
Commerce Pattern Foundry & Machine Company. (See Upton, Richard C., assignor.)
Commercial Ingredients Corporation. (See Dunajeff, Leonid A., assignor.)
Commercial National Bank, The. (See Clouse, William L.)
Commercial Shearing & Stamping Company, The. (See Gillman, Joseph L., Jr., assignor.)
Commercial Shearing & Stamping Company, The. (See Proctor, Robert V., assignor.)
Commercial Solvents Corporation. (See Bogin, Charles, assignor.)
Commercial Solvents Corporation. (See Carnarius, Edwin H., assignor.)
Commercial Solvents Corporation. (See Hodge, Edward B., assignor.)
Commercial Solvents Corporation. (See Hoover, Kenneth H., assignor.)
Commercial Solvents Corporation. (See Johnson, Kenneth, assignor.)
Commercial Solvents Corporation. (See Kieweg, Homer, assignor.)
Commercial Solvents Corporation. (See Legg, D. A., and Stiles, assignors.)
Commercial Solvents Corporation. (See Martin, Jerome, assignor.)
Commercial Solvents Corporation. (See Martin, J., and Hodge, assignors.)
Commercial Solvents Corporation. (See Miner, Carl S., assignor.)
Commercial Solvents Corporation. (See Müller, John, assignor.)
Commercial Solvents Corporation. (See Stiles, H. R., and Pruess, assignors.)
Commercial Solvents Corporation. (See Tindall, John B., assignor.)
Commercial Solvents Corporation. (See Wampner, H. L., and Bogin, assignors.)
Commercial Solvents Corporation. (See Wesseler, Julian A. assignor.)
Commercial Solvents Corporation. (See Vanderbilt, Byron M., assignor.)
Commonwealth Edison Company. (See Johnstone, Henry F., assignor.)
Commonwealth Engineering Corporation. (See Stahly, G. L., and Carlson, assignors.)
Communication Patents, Inc. (See Nicolson, Alexander M., assignor.)
Community Educational Clubs, Inc. (See Flanagan, T. C., and Fell, assignors.)
Comoletti, John, Los Angeles, Calif. Ball game apparatus. 2,206,318; July 2.
Compagnia Continentale Di Selleri Ciclistiche Ed Affini, S. A. (See Guidetti, Guido A., assignor.)
"Compagnie de Produits Chimiques et electrometallurgiques Alais, Froges et Camarque." (See Gauthier, Gaston, assignor.)
Compagnie des Forges et Acieries de la Marine et d' Homecourt. (See Granat, Elie, assignor.)
Compagnie des Telephones Thomson-Houston. (See Gohorel, Fernand P., assignor.)
Compagnie du Chemin de Fer Metropolitain de Paris. (See Levin, Rémey F. O., assignor.)
Compagnie Generale De Telegraphie Sans Fil. (See Deroche, Raymond, assignor.)
Compagnie Generale de Telegraphie Sans Fil. (See Gutton, H., and Michel, assignors.)
Compagnie Generale de Telegraphie Sans Fil. (See Hugon, Jean J., assignor.)
Compagnie Générale de Télégraphie Sans Fil. (See Rocard, Yves, assignor.)
Compagnie Generale de Telegraphie Sans Fil. (See Warnecke, Robert, assignor.)
Compagnie Generale de Telegraphie Sans Fil. (See Warnecke, R., and Briot.)
Compagnie Internationale de Procedes de Panification "Itam". (See Matti, Jean C., assignor.)
Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann. (See Kopp, G., and Gangneux, assignors.)
Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies, Etablissements Kuhlmann. (See Mirocourt, H., and Jirou, assignors.)
Compagnie Nationale de Matieres Colorantes et Manufacturers de Produits Chimques de Nord Reunies Etablissements Kuhlmann. (See Petitoclas, P., Goupil, Frenkiel, and Senti, assignors.)
Compagnie pour la Fabrication, des Compteurs et Material d'Usines a Gaz. (See Barthelemy, René, assignor.)
Compania Industrial Del Caucho, Sociedad Anónima Commercial é Industrial. (See Andia, Laurencio A., assignor.)
Compañó, Luis B., Habana, Cuba. Attaching bracket for vehicle jacks. 2,215,146; Sept. 17.
Company, John L. (See Smith, Whitney R., assignor.)
Comper, Adrian, Pittsfield, Mass., assignor to Comper Manufacturing Company. Hospital bed. 2,215,636; Sept. 24.
Comper Manufacturing Company. (See Comper, Adrian, assignor.)
Compo Shoe Machinery Corporation. (See Card, William C., Jr.)
Compo Shoe Machinery Corporation. (See Holland, Friedrich, assignor.)
Compo Shoe Machinery Corporation. (See Maiellano, Frank, assignor.)
Compo Shoe Machinery Corporation. (See Smith, John F., assignor.)
Compressed Industrial Gases, Inc. (See Brown, Andrew C., assignor.)
Compressed industrial Gases, Inc. (See Glaum, John C., Jr., assignor.)
Comptoir Industrial & Commercial S. A. (See Laub, Adolf, assignor.)
Compton, Francis M., deceased, Waco, Tex., by I. M. Compton, executrix. Support and drape for casket lowering devices. 2,204,723; June 18.
Compton, Ida M., executrix. (See Compton, Francis M.)
Compton, Loyd W., assignor of one-fourth to M. O. Nixon and one-fourth to B. N. Nixon, Alexandria, Tenn. Controlling means for automatic water systems. 2,188,240; Jan. 23.
Compton, W. H., Shear Company, The. (See Dalley, Charles J., assignor.)
Comstock, George F., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Copper-titanium alloy. 2,189,198; Feb. 6.
Comstock, Gregory J., Fairfield, Conn., assignor to Handy & Harman, New York, N. Y. Making articles from powdered components. 2,188,873; Jan. 30.
Comstock, John A., assignor to Surface Combustion Corporation, Toledo, Ohio. Heat treatment of metals. 2,188,275; Jan. 23.
Comstock & Wescott, Inc. (See Gulick, Russell A., assignor.)
Comstock & Wescott, Inc. (See Weaver, Eastman A., assignor.)
Comstock & Wescott, Inc. (See Whitney, Lyman F., assignor.)
Comtec Limited. (See Herzka, Leopold, assignor.)
Conant, Alan B., assignor to Montgomery Brothers, San Francisco, Calif. Water purifying apparatus. 2,195,981; Apr. 2.
Conant, Leon B., Boston, Mass. Finishing leather. 2,202,092; May 28.
Conant, Margaret, Kansas City, Kans. Electric current rectifier. 2,204,010; June 11.

Conary, Robert E. (See Ashburn, H. V., Conary, and Stutsman.)
Conary, Robert E., and H. V. Ashburn, Beacon, assignors to The Texas Company, New York, N. Y. Alicyclic phosphite compounds and manufacturing same. 2,226,552; Dec. 31.
Conboy, Russell D., Waterbury, assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,224,030; Dec. 3.
Concord Chenille Co. (See Unger, Abraham, assignor.)
Concordia Elektrizitats-Aktiengesellschaft. (See Göhre, Ernst, assignor.)
Condenser Development Corporation. (See Cramer, Stanley S., assignor.)
Condenser Development Corporation. (See Teaf, John H., assignor.)
Condit, Clyde, Toledo, Ohio. Valve setting means. 2,216,806; Oct. 8.
Condit, Estella C., Columbus, Ohio. Restraining device. 2,215,454; Sept. 24.
Condliffe, George E., Gerrards Cross, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Television system. 2,225,033; Dec. 17.
Condon, Edward T., New York, N. Y. Directional signal device for motor vehicles. 2,190,861; Feb. 20.
Condon, Edward T., New York, N. Y. Directional signal for motor vehicles. 2,190,862; Feb. 20.
Condon, Edward U., Edgewood, and G. L. Tawney and W. A. Derr, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Machine to play game of nim. 2,215,544; Sept. 24.
Condon, Elmer J., assignor to The Moore Company, Muncie, Ind. Spring assembly. 2,217,156; Oct. 8.
Condon, Ernest E., Flushing, N. Y. Wheel puller. 2,188,074; Jan. 23.
Condon, Ernest E., Flushing, N. Y. Bumper guard. 2,203,942; June 11.
Condon, Robert J., Hollywood, Calif. Carburetor attachment for internal combustion engines. 2,188,175; Jan. 23.
Condon, Robert S., Rochester, N. Y. Transmission or the like. 2,192,539; Mar. 5.
Condron, Bronis and J. M., Pittsfield, Mass. Comb. 2,199,282; Apr. 30.
Condron, James M. (See Condron, Bronis and J. M.)
Cone Automatic Machine Company Inc. (See Miller, Carroll E., assignor.)
Cone, Charles N., assignor to M and M Wood Working Company, Portland, Oreg. Manufacturing plywood. 2,191,070; Feb. 20.
Coney, James D., assignor to Star-Service Hanger Company, Detroit, Mich. Garment hanger. 2,203,381; June 4.
Coney, James D., assignor to L. A. Young, Detroit, Mich. Garment hanger. 2,221,508; Nov. 12.
Conger, Herbert A., Glendale, Calif. Commodity carrier. 2,186,368; Jan. 9.
Congoleum-Nairn Inc. (See Allen, Frank M., assignor.)
Congoleum-Nairn Inc. (See Beegle, F. M., and Andrews, assignors.)
Congoleum-Nairn Inc. (See Spitzli, D. H., and Kennedy, assignors.)
Coniglio, Anthony, Chicago, Ill. Coffee filter. 2,224,378; Dec. 10.
Conill, Fernan O., New York, N. Y. Liquid container. 2,197,449; Apr. 16.
Conill, Fernan O., New York, N. Y. Boiler. 2,198,404; Apr. 23.
Conill, Fernan O., New York, N. Y. Razor. 2,225,257; Dec. 17.
Conk, Clarence H., and J. I. Reinbold, Los Angeles, Calif. Article for washing automobiles. 2,225,101; Dec. 17.
Conklin, Alice V., Bronx, N. Y. **Double capacity bag.** 2,212,390; Aug. 20.
Conklin, James W., Audubon, N. J., assignor to Radio Corporation of America. Oscillator with amplifer coupling. 2,197,124; Apr. 16.
Conklin, James W., Audubon, N. J., assignor to Radio Corporation of America. Radio signaling system. 2,211,003; Aug. 13.
Conklin, James W., Audubon, N. J., assignor to Radio Corporation of America. Neutralizing system. 2,211,004; Aug. 13.
Conklin, John E., deceased, Brooklyn, N. Y., F. H. Michaelis, executor. Supporting bracket for shower or spray devices. Re. 21,670; Dec. 24.
Conley, Kurt H., Bridgeport, Conn., assignor, by mesne assignments, to Entoleter Company, Inc. Electrical control apparatus. 2,191,816; Feb. 27.
Conley, Victor H., Chicago, Ill. Liquid level indicator. 2,213,485; Sept. 3.
Conley, William J., assignor to E. P. Langworthy, Rochester, N. Y. Bearing. 2,205,876; June 25.
Conlon, Florence, San Francisco, Calif. Dog cover. 2,222,705; Nov. 26.
Conlon, Frank B., Dayton, Ohio, assignor, by mesne assignments, to Chrysler Corporation, Highland Park, Mich. Railroad air conditioning control system. 2,213,337; Sept. 3.
Conlon, James L., assignor to General Motors Corporation, Detroit, Mich. Weather strip. 2,219,382; Oct. 29.
Conlon, John T. (See Brelsford, J. O., and Conlon.)
Conlon, Thomas A., Silver Spring, Md., assignor to the Government of the United States of America, as represented by the Secretary of War. Automatic gun. 2,213,953; Sept. 10.
Conmar Products Corporation. (See Ulrich, Frederick, assignor.)
Conmar Products Corporation. (See Wintritz, George, assignor.)
Conn, C. G., Ltd. (See Ely, Roland C., assignor.)
Conn, C. G., Ltd. (See Firestone, Harold E., assignor.)
Conn. C. G., Ltd. (See Jeffries, Le Roy J., assignor.)
Conn, Carl E., Los Angeles, Calif. Closing surgical incisions. 2,199,025; Apr. 30.
Conn, Robert C. (See Lecher, H. Z., and Conn.)
Connal, James C., Los Angeles, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Drum washing apparatus. 2,195,202; Mar. 26.
Connecticut Paper Products, Incorporated. (See Emerson, William J., assignor.)
Connell, John M., R. M. Sorum, and P. W. Murphy, Palm Springs, Calif. Cooking and heating utensil. 2,194,820; Mar. 26.
Connell, John W., Mountain View, N. J., assignor to Utility Steel Display Frames, Inc., New York, N. Y. Poster display frame. 2,190,557; Feb. 13.
Connell, Karl, Branch, N. Y. Apparatus for the administration of gases. 2,216,183; Oct. 1.
Connell, Maurice H. (See Reilly, F. J., and Connell.)
Connell, Robert E., Houston, Tex. Flame arrester. 2,186,752; Jan. 9.
Connell, William H. (See Strange, J. W., and Connell.)
Conner, Benjamin F., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Medical tablet container. 2,194,009; Mar. 19.
Conner, Benjamin F., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Plural compartment container. 2,217,644; Oct. 8.
Conner, Herbert W., assignor to Wm Wrigley Jr., Company, Chicago, Ill. Chewing gum. 2,197,718; Apr. 16.
Conner, Herbert W., assignor to Wm. Wrigley, Jr., Company, Chicago, Ill. Chewing gum. 2,197,719; Apr. 16.
Conner, Guy O., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Clamping ring. 2,194,162; Mar. 19.
Conner, Guy O., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Container closure. 2,205,685; June 25.
Conner, Guy O., and E. H. Bock, assignors to Wheeling Steel Corporation, Wheeling, W. Va. Container closure and forming means therefor. 2,216,432; Oct. 1.
Conner, Guy O., and E. H. Bock, assignors to Wheeling Steel Corporation, Wheeling, W. Va. Closure fastening device. 2,216,433; Oct. 1.
Conner, Michael, Cincinnati, Ohio, assignor of one-half to Sugar Beet Products Company, Saginaw, Mich. Dispenser for powdered soap or similar granular material. 2,190,311; Feb. 13.
Conner, Michael G., assignor to A. N. Wolfstein, Sr., Cincinnati, Ohio. Washstand. 2,227,388; Dec. 31.
Connerat, Edwin B., Richmond, Va. Sharpener for single-edged razor blades. 2,189,883; Feb. 13.
Connery, Alder F., Brooklyn, assignor to All America Cables, Incorporated, New York, N. Y. Cable transmission. 2,192,005; Feb. 27.
Connolly, George E., Oakland, Calif., assignor to Nichols Engineering & Research Corporation, New York, N. Y. Furnace hearth. 2,221,076; Nov. 12.
Connolly, Martin J., Danville, Ill. Article of manufacture containing hemp hurds. 2,212,226; Aug. 20.
Connor, George H., Webster Groves, Mo. Cuff for jacket sleeves. 2,214,120; Sept. 10.
Connor, Henry H., Chicago, Ill., assignor to Mergenthaler Linotype Company. Typographical composing machine. 2,187,112; Jan. 16.
Connor, Kirke W., assignor to Micromatic Hone Corporation, Detroit, Mich. Positive stop abrading tool. 2,188,567; Jan. 30.
Connor, Kirke W., Detroit, Mich., assignor to Micromatic Hone Company. Honing device. 2,200,573; May 14.
Connor Lumber & Land Company, The. (See Connor, William D., Jr., assignor.)
Connor, Roger, assignor to The McBee Company, Athens, Ohio. Master plate for card slotting punches. 2,225,297; Dec. 17.
Connor, W. B., Engineering Corp. (See Dauphinee, George S., assignor.)
Connor, William D., Jr., assignor to The Connor Lumber & Land Company, Laona, Wis. Folding chair. 2,192,672; Mar. 5.
Connor, William L., Los Angeles, Calif. Shoe polishing kit. 2,201,260; May 21.
Connors, Edward F., Butte, Mont. Rafter gauging device. 2,193,313; Mar. 12.
Connors, George W., Jr., Birmingham, Ala., assignor to Connors Steel Company. Steel fabricated structural member. 2,210,026; Aug 6.
Connors, John J., Elmhurst, Long Island, N. Y., assignor, by mesne assignments, to The Harvel Corporation. Electrical coil insulated with shellac and cashew nut shell liquid reaction product. 2,225,034; Dec. 17.
Connors Steel Company. (See Connors, George W., Jr., assignor.)

Conover, Courtney, St. Louis, Mo., assignor, by mesne assignments, to Monsanto Chemical Company. Purifying benzoic acid. 2,189,726; Feb. 6.
Conover, James J., Columbia, Ky. Hay cutting saw. 2,199,618; May 7.
Conover, Warren C., assignor to Outboard, Marine & Manufacturing Company, Waukegan, Ill. Outboard motor. 2,185,457; Jan. 2.
Conover, Warren C., Waukegan, Ill., assignor, by mesne assignments, to Outboard, Marine & Manufacturing Company, Wilmington, Del. Outboard motor. 2,201,987; May 28.
Conover, Warren C., assignor to Outboard, Marine & Manufacturing Company, Waukegan, Ill. Mechanical starter for internal combustion engines. 2,204,750; June 18.
Conover, Warren C., assignor to Outboard Marine & Manufacturing Company, Waukegan, Ill. Outboard motor. 2,224,900; Dec. 17.
Conover, Warren C., assignor to Outboard, Marine & Manufacturing Company, Waukegan, Ill. Engine. 2,227,247; Dec. 31.
Conquest, Victor. (See Ralston, A. W., and Conquest.)
Conquest, Victor, Chicago, and W. Turner, Elgin, assignors to Armour and Company, Chicago, Ill. Treating dairy products. 2,225,553; Dec. 17.
Conrad, Carl, Chur, Switzerland. Episcope. 2,189,577; Feb. 6.
Conrad, Conrad J., Grand Rapids, Mich. Shoe. 2,225,686; Dec. 24.
Conrad, Frank, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning system. 2,205,744; June 25.
Conrad, Frank, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automobile battery charging system and flat rectifier therefor. 2,217,471; Oct. 8.
Conrad, Harold L., Oklahoma City, Okla. Pressure regulator indicator for fluids. 2,196,251; Apr. 9.
Conrad, John E., Bala-Cynwyd, and W. R. Keen, Drexel Hill, assignors to Collins & Aikman Corporation, Philadelphia, Pa. Vat dyeing and apparatus therefor. 2,221,780; Nov. 19.
Conrad, Joseph D., Springfield, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine blade. 2,225,769; Dec. 24.
Conrad, Nicholas J., Winnetka, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Circuit control apparatus. 2,223,601; Dec. 3.
Conrad Razor Blade Co. Inc. (See Bodkin, Irving S., assignor.)
Conrade, Harold G., and L. T. Payne, Birmingham, England. Apparatus for delivering measured quantities of liquid by volume from bottles or similar vessels. 2,209,947; Aug. 6.
Conradi, Leo C., and H. F. Barnes, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Fabricating article of beryllium copper. 2,206,662; July 2.
Conradson, Conrad M. (See Conradson, Prentice, assignor.)
Conradson, Prentice, Evansville, Wis., assignor to C. M. Conradson, Detroit, Mich. Grinding gauge. 2,212,511; Aug. 27.
Conron, William H. (See Carlson, W. L., and Conron.)
Conroy, William J., San Francisco, Calif. Anchor. 2,208,663; July 23.
Consigliere, Mario, Genoa-Nervi, Italy. Supporting, cooling, and lubricating means for high-speed shafts or spindles. 2,207,312; July 9.
Consolidated Aircraft Corporation. (See Laddon, I. M., Ring, and Mandolf, assignors.)
Consolidated Aircraft Corporation. (See Ring, W. A., and Livers, assignors.)
Consolidated Aircraft Corporation. (See Weihmiller, Horace E., assignor.)
Consolidated Car Heating Company. (See Knaack, Rudolph F., assignor.)
Consolidated Car-Heating Company. (See Parsons, Robert J., assignor.)
Consolidated Cork Corporation. (See Binder, John M., assignor.)
Consolidated Edison Company of New York, Inc. (See Lunn, C. A., and Belyea, assignors.)
Consolidated Edison Company of New York. (See Metcalf, Charles N., assignor.)
Consolidated Edison Company of New York, Inc. (See Xenis, Constantine P., assignor.)
Consolidated Expanded Metal Companies, The. (See Mack, Wayne E., assignor.)
Consolidated Expanded Metal Companies, The. (See McGee, Richard T., assignor.)
Consolidated Fiber Products, Limited. (See Patterson, David E., assignor.)
Consolidated Gas Electric Light and Power Company of Baltimore. (See Betz, Paul L., assignor.)
Consolidated Gas Electric Light and Power Company of Baltimore. (See Betz, P. L., and Karrer, assignors.)
Consolidated Iron-Steel Manufacturing Company, The. (See Maine, James F., assignor.)
Consolidated Laundries Corporation. (See Clark, Frederic B., assignor.)
Consolidated Macaroni Machine Corporation. (See Ambrette, Conrad, assignor.)
Consolidated Machine Tool Corporation. (See Trosch, Alfred, assignor.)
Consolidated Outdoor Display Company. (See Feist, Harry J, assignor.)
Consolidated Research Corporation. (See Bucky, Gustav, assignor.)
Consolidated Sewing Machine & Supply Co.. Inc. (See Ingwer, Max, assignor.)
Consolidated Steel Corp. (See Rhodes, Aaron D., assignor.)
Consolidated Water Power & Paper Company. (See Muggleton, Gerald D., assignor,)
Consolidated Water Power & Paper Company, et al. (See Thiele, W. F., and Richmond, assignors.)
Consortium Fur Elektrochemische Industrie, G. m. b. H. (See Beer, L., and Halbig, assignors.)
Consortium für Elektrochemiscshe Industrie, G. m. b. H. (See Halbig, P., Reiter, and Stadler, assignors.)
Consortium für Elektrochemische Industrie, G. m. b. H. (See Halbig, P., and A. Treibs, assignors.)
Consortium für Elektrochemische Industrie, G. m. b. H. (See Mugdan, M., and Sixt, assignors.)
Constance, David A. (See Clapper, J. C., and Constance.)
Constant, Maurice, Scobey, Mont. Separating and concentrating minerals. 2,196,457; Apr. 9.
Constant, Maurice, Scobey, Mont. Apparatus for separating minerals. 2,212,467; Aug. 20.
Constant, Roger E. R., Bougival, assignor to Etablissements Edouard Belin, Rueil-Malmaison, France. Photoelectric reading system. 2,206,527; July 2.
Container Corporation of America. (See Harrison, J. K. M., and Flack, assignors.)
Container Corporation of America. (See Kells, Benjamin F., assignor.)
Container Patents, Inc. (See Bigelow, L. A., and Johnson, assignors.)
Conte, John G., Eastchester, N. Y. Composition for preventing efflorescence on clay brick. 2,218,933; Oct. 22.
Content, Klara, Voorburg, assignor to Thabur, Industrieele en Technische Handelmaatschappij N. V., The Hague, Netherlands. Coupling device of vacuum cleaners. 2,198,905; Apr. 30.
Conterio, James A., Chicago, Ill. Control mechanism. 2,220,315; Nov. 5.
Conterman, Fred A., assignor to Blackstone Manufacturing Company, Inc., Jamestown, N. Y. Washing machine. 2,220,476; Nov. 5.
Conterman, Fred A., assignor to Blackstone Manufacturing Company, Inc., Jamestown, N. Y. Ironing machine. 2,224,013; Dec. 3.
Continental Aviation and Engineering Corporation. (See Meyer, A. J., and Hulbert, assignors.)
Continental Can Company. (See Anderson, Algot H., assignor.)
Continental Can Company. (See Aulbach, Charles J., assignor.)
Continental Can Company. (See Baker, Edward E., assignor.)
Continental Can Company. (See Beal, George D., assignor.)
Continental Can Company. (See Benson, George A., assignor.)
Continental Can Company. (See Conway, Carle C., Jr., assignor.)
Continental Can Company. (See Coyle, John, assignor.)
Continental Can Company. (See Hallman, George V., assignor.)
Continental Can Company. (See Jackson, George F., assignor.)
Continental Can Company. (See Jones, Charles L., assignor.)
Continental Can Company. (See Kronquest, Alfred L., assignor.)
Continental Can Company. (See Kronquest, A. L., and Schmitt, assignors.)
Continental Can Company. (See O'Brien, Frank J., assignor.)
Continental Can Company. (See O'Brien, F. J., and Kronquest, assignors.)
Continental Can Company. (See O'Neil, James H., assignor.)
Continental Can Company. (See Plumb, Walter G., assignor.)
Continental Can Company. (See Punte, William F., assignor.)
Continental Can Company. (See Punte, W. F., and Bidwell, assignors.)
Continental Can Company. (See Schmidt, John E., assignor.)
Continental Can Company. (See Schmitt, Otto A., assignor.)
Continental Can Company. (See Swartz, Keith T., assignor.)
Continental Can Company. (See Weber, William, assignor.)
Continental Coffee Company. (See Allison, Thomas E., assignor.)
Continental-Diamond Fibre Company. (See Runyan, Arthur, assignor.)
Continental-Diamond Fibre Company. (See Stewart, Robert, assignor.)
Continental Fire-Proof Iron Corp. (See Simonsen, Irving P., assignor.)
Continental Gin Company. (See Deems, Frank E., assignor.)

Continental Gin Company. (See Morgan, George C., assignor.)
Continental Gummi-Werke Aktiengesellschaft. (See Richter, Carl F., assignor.)
Continental Oil Company. (See Athy, L. F., and McCollum, assignors.)
Continental Oil Company. (See Athy, L. F., and Prescott, assignors.)
Continental Oil Company. (See Bennett, Edwin O., assignor.)
Continental Oil Company. (See Biggs, George D., assignor.)
Continental Oil Company. (See Buford, Manville T., assignor.)
Continental Oil Company. (See Hopkins, Louis J., assignor.)
Continental Oil Company. (See Lincoln, B. H., and Byrkit, assignors.)
Continental Oil Company. (See Lincoln, B. H., and Steiner, assignors.)
Continental Oil Company. (See Sibley, Barrett E., assignor.)
Continental Oil Company. (See Steiner, Waldo L., assignor.)
Continental Research Corporation. (See Gayer, F. H., and Fawkes, assignors.)
Continental Roll & Steel Foundry Company. (See Leckrone, Roy J., assignor.)
Continental Roll & Steel Foundry Company. (See Sternberg, Matthew G., assignor.)
Continental Say When Corporation. (See Bates, Lawrence G., assignor.)
Continental Scale Corporation. (See Weber, M. J., and Vanderhoff, assignors.)
Continental Screw Company. (See Gustafson, Carl W., assignor.)
Continental Steel Corporation. (See Clifford, Ralph K., assignor.)
Continental Steel Corporation. (See Schueler, Julian L., assignor.)
Continental Steel Corporation (See Theiss, Harry W., assignor.)
Continental Steel Corporation. (See Wean, R. J., and Theiss, assignors.)
Contini, Renato, and W. L. Dieter, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airplane wing. 2,187,729; Jan. 23.
Control Instrument Company. (See Ellis, Grenville B., assignor.)
Controlair Manufacturing Co. (See Wheeler, Charles S., assignor.)
Conver Steel & Wire Co. Inc. (See La Grotta, Frank, assignor.)
Converse, Willard, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Production of unsaturated amines. 2,216,548; Oct. 1.
Convey, William. (See Eckler, Thomas E., assignor.)
Convy, Bernard., St. Louis, Mo. Shoe heel. 2,212,263; Aug. 20.
Conway, Carle C., Jr., Scarborough, assignor to Continental Can Company, Inc., New York, N. Y. Dispensing container. 2,226,899; Dec. 31.
Conway, Evelyn A., New York, N. Y. Metallic drapery and the like. 2,224,379; Dec. 10.
Conway, Gilbert, Bellevue, Pa. Antiskid device. 2,198,906; Apr. 30.
Conway, Joseph D., Cleveland Heights, assignor to himself and J. H. Zucker, Cleveland, Ohio, doing business as Certified Chemical Company. Apparatus for scrubbing rugs, floors, and the like. 2,217,617; Oct. 8.
Conway, Robert D., assignor to Universal Crusher Company, Cedar Rapids, Iowa. Pulverizer. 2,185,331; Jan. 2.
Conwell, Rollin N., Bloomfield, and A. S. Brookes, East Orange, N. J. System of remote control. 2,213,384; Sept. 3.
Conwell, Scott R., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Bumper guard. 2,203,489; June 4.
Conzetti, Achille, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Acid azo dyestuffs and their manufacture. 2,199,043; Apr. 30.
Cook, Alan A., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Projection apparatus. 2,225,035; Dec. 17.
Cook, Burton A., Los Angeles, Calif. Hanger. 2,200,669; May 14.
Cook, Carl J., Kirwin, Kans. Crank pin grinder. 2,197,684; Apr. 16.
Cook, Charles B., Los Angeles, Calif. Box treating apparatus. 2,204,011; June 11.
Cook, Charles B., Los Angeles, Calif. Air conditioning apparatus. 2,204,012; June 11.
Cook, Charles S., Livingston, N. J. Traction vehicle. 2,220,890; Nov. 12.
Cook, Cleo E., Kingsport, Tenn., assignor to Linotype Parts Company, New York, N. Y. Matrix assembler for typographical machines. 2,200,022; May 7.
Cook, Clyde C., and D. W. Cook, Clarion, Pa. Crucible glass feeder. 2,210,617; Aug. 6.
Cook, Daniel F., assignor of one-half to John R. Fotheringham, Pinconning, Mich. Making tombstones. 2,210,281; Aug. 6.
Cook, David W. (See Cook, Clyde C., and D. W.)
Cook, Earle S., and J. Canetta, Wilkinsburg, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake equipment. 2,201,574; May 21.
Cook, Earle S., and J. Canetta, Wilkinsburg, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Quick release means for brake systems. 2,215,347; Sept. 17.
Cook, Earnshaw, Sterlington, N. Y., A. F. Huber, Chicago, and J. R. Hewitt, Jr., Chicago Heights, Ill., assignors to The American Brake Shoe and Foundry Company, New York, N. Y. Railway crossing. 2,218,603; Oct. 22.
Cook, Edgar N., West Hollywood, Calif. Sanitary toilet seat. 2,204.100; June 11.
Cook Electric Company. (See Baker, John S., assignor.)
Cook Electric Company. (See Baker, J. S., and Schultz, assignors.)
Cook, Elmer W. (See Major, R. T., and Cook.)
Cook, Elmer W., New York, N. Y., assignor to Tide Water Associated Oil Company, Bayonne, N. J. Lubricating oil and lubrication therewith. 2,213,856; Sept. 3.
Cook, Ernest W. (See Iftiger, H. J., and Cook.)
Cook, Everett J., assignor to H. H. Buggie & Company, Toledo, Ohio. Relatively positioning a tool and a work blank in a reproducing machine. 2,206,942; July 9.
Cook, Everett J., assignor to H. H. Buggie & Company, Toledo, Ohio. Duplicating machine. 2,213,305; Sept. 3.
Cook, Everett J., assignor to H. H. Buggie & Company, Toledo, Ohio. Predetermining the volume represented by a shaded record. 2,222,069; Nov. 19.
Cook, Everett J., assignor to H. H. Buggie & Company, Toledo, Ohio. Reproducing machine. 2,225,821; Dec. 24.
Cook, Frederick L., Brighton, Victoria, Australia. Machine for forming end loops on helical springs. 2,188,705; Jan. 30.
Cook, Harry W., Malta, Ohio. Window frame. 2,190,096; Feb. 13.
Cook, Jacob G., Albany, N. Y. Printer's gauge. 2,187,554; Jan. 16.
Cook, John T., Earl Gray, Saskatchewan, Canada. Converting liquid hydrocarbon into gaseous fuel. 2,201,965; May 21.
Cook, John V., assignor to The Petersen Oven Company, Chicago, Ill. Baking oven. 2,189,167; Feb. 6.
Cook, John V., assignor to The Petersen Oven Company, Chicago, Ill. Conveyer for baking ovens. 2,189,168; Feb. 6.
Cook, Judson A. (See Bockius, C., Batchelor, and Cook.)
Cook Laboratories, Inc. (See Lozier, M., and Frost, assignors.)
Cook, Leon R., and J. H. Light, assignors to Wilbur-Suchard Chocolate Company, Inc., Litiz, Pa. Retarding fat bloom at the surface of chocolate and chocolate-coated products, and the resulting method. 2,216,660; Oct. 1.
Cook, Leonard W., Stratford, Conn., assignor to General Electric Company. Combined connector and switch. 2,191,339; Feb. 20.
Cook, Leonard W., Stratford, Conn., assignor to General Electric Company. Electric switch. 2,192,031; Feb. 27.
Cook, Leonard W., Bridgeport, Conn., assignor to General Electric Company. Electric switch. 2,198,474; Apr. 23.
Cook, Leonard W., Stratford, Conn., assignor to General Electric Company. Electric switch. 2,200,981; May 14.
Cook, Leonard W., Stratford, Conn., assignor to General Electric Company. Electric switch. 2,211,594; Aug. 13.
Cook, Leonard W., Stratford, Conn., assignor to General Electric Company. Electric protective apparatus. 2,227,125; Dec. 31.
Cook, Lyman B., Riverton, assignor to Acme Staple Company. Camden, N. J. Stapling machine. 2,214,953; Sept. 17.
Cook, Melvin A., D. B. Gawthrop, and M. H. Wahl, Woodbury, N. J., and C. A. Woodbury, Media, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Granular ammonium nitrate explosive. 2,199,217; Apr. 30.
Cook, Melvin A., C. O. Davis, and W. E. Lawson, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ammonium nitrate explosive composition. 2,220,891; Nov. 12.
Cook, Melvin A., C. O. Davis, and W. E. Lawson, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing ammonium nitrate explosives. 2,220,892; Nov. 12.
Cook, Miller B., and J. H. Taeuber, Beloit, Wis. Drawing stand. 2,197,359; Apr. 16.
Cook, Robert J., Fort Sill, Okla. Collocating instrument. 2,216,766; Oct. 8.
Cook, Robert N., Twin Falls, Idaho, and H. C. Godbe, Salt Lake City, Utah. Ink for writing on blueprints. 2,208,288; July 16.
Cook, Roy L. (See Quillin, L. O., and Cook.)
Cook, Stanley S., and L. M. Douglas, assignors to The Parsons Marine Steam Turbine Company, Limited, Wallsend-on-Tyne, England. Torque transmitting mechanical coupling. 2,197.070; Apr. 16.
Cook, Thomas R., Springfield, and H. K. Patjens, Yeadon, Pa. Steam locomotive. 2,226,219; Dec. 24.

Cook, Wallace, assignor to Reliable Electric Company, Chicago, Ill. Aluminum to copper connector. 2,190,824; Feb. 20.
Cook, Wallace, assignor to Reliable Electric Company, Chicago, Ill. Flexible dead-end splice. 2,199,283; Apr. 30.
Cook, Wallace L., and W. J. Buehring, assignors to Reliable Electric Company, Chicago, Ill. Aluminum to copper connector. 2,210,750; Aug. 6.
Cook, Walter M., Mount Dora, Fla., assignor to Combustion Engineering Company, Inc., New York, N. Y. Grinding and separating apparatus. 2,200,489; May 14.
Cook, Willard G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Tensiometer control system. 2,210,708; Aug. 6.
Cook, Willard G. (See Kenyon, A. F., and Cook.)
Cook, Willard G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Rolling mill control. 2,214,577; Sept. 10.
Cook, Willard G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Parallel operation of generators. 2,217,432; Oct. 8.
Cook, Willard G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Tension control system. 2,223,718; Dec. 3.
Cook, William A. (See Markley, R., Jr., and Cook.)
Cook, William D., and R. W. Thomas, Birmingham, Mich., assignors to Phillips Petroleum Company. Protective cover. 2,201,521; May 21.
Cook, William E., West New Brighton, N. Y. Insulated weatherproof wire. 2,225,298; Dec. 17.
Cook, William H., Ottawa, Ontario, Canada. Container. 2,192,006; Feb. 27.
Cook, William H., assignor to A. Brownlee and F. Brownlee, Collier City, Fla. Wire twisting machine. 2,221,701; Nov. 12.
Cooke, Albert W. M. (See Moncrieff, R. W., and Cooke.)
Cooke, Allen B., Chicago, Ill., assignor to United Autographic Register Co. Manifolding attachment for typewriters. 2,205,165; June 18.
Cooke, Benjamin, Hempstead, N. Y. Head clamp and light reflector. 2,217,359; Oct. 8.
Cooke, Donald D., New York, N. Y. Marking of aircraft landing areas. 2,203,894; June 11.
Cooke, Ernest A., assignor to Kapella Limited, Leicester, England. Hydraulically operated reciprocating mechanism. 2,216,486; Oct. 1.
Cooke, George T., Norwalk, assignor to American Railway Products Co., Inc., Darien, Conn. Brake hanger support. 2,220,640; Nov. 5.
Cooke, Gerhart, Wellesley Hills, Mass., assignor to Schutte & Koerting Company, Philadelphia, Pa. Vapor condenser. 2,223,237; Nov. 26.
Cooke, Henry H. (See Holtzclaw, J. B., Harmsen, and Cooke.)
Cooke, Hereward L., Princeton, N. J. Headlight. 2,220,145; Nov. 5.
Cooke, Hereward L., Princeton, N. J. Brush and manufacture thereof. 2,227,126; Dec. 31.
Cooke, Horace B. (See Stevens, D. R., and Cooke.)
Cooke, Horace B., Alexandria, Va., assignor to Process Management Company, Inc., New York, N. Y. Purifying gases. Re. 21,358; Feb. 20.
Cooke, Horace B., Greenwich, Conn., assignor to The Gray Processes Corporation, Newark, N. J. Treatment of hydrocarbon distillates. 2,188,075; Jan. 23.
Cooke, Martha F., Chicago, Ill. Typewriter key locking attachment. 2,191,706; Feb. 27.
Cooke, Rupert T., Sunningdale, assignor to Francis Shaw and Company Limited, Bradford, Manchester, England. Machine for mixing or masticating rubber and like material. 2,217,103; Oct. 8.
Cooke, William H., Clarendon, Tex. Sign. 2,194,010; Mar. 19.
Cookenboo, Elwood, Houston, Tex. Vehicle bumper. 2,222,404; Nov. 19.
Cookson, Kenneth, Burnham, England. Water distilling apparatus. 2,217,266; Oct. 8.
Cool-Moore Corporation. (See Aeschbach, W., and Ray, assignors.)
Coolbroth, Augusta P., Springfield, Mass. Combination change purse and billfold. 2,219,511; Oct. 29.
Coolerator Company, The. (See Ganzer, John H., assignor.)
Coolerator Company, The. (See La Casse, William J., assignor.)
Cooley, Austin G., assignor to Wide World Photos, Inc., New York, N. Y. Coupling device for signal transmission and receiving systems. 2,204,529; June 11.
Cooley, Austin G., Hudson View Gardens, assignor to Wide World Photos, Inc., New York, N. Y. Signaling method and apparatus. 2,212,808; Aug. 27.
Cooley, Austin G., assignor to Wide World Photos, Inc., New York, N. Y. Telephone coupling device. 2,214,690; Sept. 10.
Cooley, Austin G., assignor to Wide World Photos, Inc., New York, N. Y. Telefacsimile transmission system. 2,217,157; Oct. 8.
Cooley, Austin G., New York, and G. Van der Veer Dillenback, Jr., Slingerlands, assignors to Wide World Photos, Inc., New York, N. Y. Electrooptical transmission system. 2,212,807; Aug. 27.
Cooley, Charles H., and R. B. Smith, Wichita, Kans. Dispensing mechanism of popped corn into candy floss or the like. 2,198,152; Apr. 23.
Cooley, Elihu H. (See Hayward, J. T., and Cooley.)
Cooley, Floyd A., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Cap for an automobile outside door locking handle. 2,217,730; Oct. 15.
Cooley, Kenneth L., New York, N. Y. Wet compress. 2,198,989; Apr. 30.
Cooley, Murray C., University City, assignor to W. N. Matthews Corporation, St. Louis, Mo. Fuse. 2,215,321; Sept. 17.
Cooley, Ralph M., St. Paul, Minn. Highway vision device. 2,191,558; Feb. 27.
Coolidge, Charles H., assignor to Curtis & Marble Machine Company, Worcester, Mass. Device for lubricating rotating cutter blades. 2,205,617; June 25.
Coolidge, Charles H., and L. F. Remington, assignors to Curtis & Marble Machine Company, Worcester, Mass. Cloth folding machine. 2,196,103; Apr. 2.
Coombe, George G., Elizabeth, N. J., assignor to The American MonoRail Company, Cleveland, Ohio. Overhead conveyer. 2,221,043; Nov. 12.
Coombs, Frank F., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe and insole therefor. 2,216,158; Oct. 1.
Cooney Refrigeration Company. (See Murphy, Harry S., assignor.)
Coons, Burton C., Portland, Oreg., assignor to Food Machinery Corporation, San Jose, Calif. Fruit preparation machine. 2,187,075; Jan. 16.
Coons, Curtis C. (See Nelson, R. S., and Coons.)
Coons, Kenneth W., Tuscaloosa, Ala., assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Hydrogenation of maleic anhydride. 2,198,153; Apr. 23.
Cope, John Q., and W. H. Claussen, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Selective solvent extraction of petroleum. 2,215,915; Sept. 24.
Cooper, Albert L., assignor to Holly Sugar Corporation, Colorado Springs, Colo. Weighing matter in a liquid vehicle. 2,197,204; Apr. 16.
Cooper, Albert L., assignor to Holly Sugar Corporation, Colorado Springs, Colo. Pressure-responsive control means. 2,197,205; Apr. 16.
Cooper, Alexander T., and L. F. Valentine, Long Beach; said Cooper assignor of five per cent to J. W. McCoy, Los Angeles, Calif. Device for surveying drilled holes. 2,219,512; Oct. 29.
Cooper, Alfred D., Brooklyn, N. Y. Eye shield or goggle. 2,211,366; Aug. 13.
Cooper, Allyn R., assignor to Cooper Manufacturing Company, Marshalltown, Iowa. Lawn mower structure. 2,197,264; Apr. 16.
Cooper, Allyn R., assignor to Cooper Manufacturing Company, Marshalltown, Iowa. Power lawn mower. 2,226,896; Dec. 31.
Cooper, Arthur H., Iver, assignor to Electric & Musical Industries Limited, Hayes, England. Wireless and like receiver, and tuning control apparatus for use therewith. 2,218,905; Oct. 22.
Cooper, Benjamin, New York, N. Y. Electromagnetic counter unit. 2,185,724; Jan. 2.
Cooper, Benjamin, New York, N. Y. Key operated identifier. 2,196,194; Apr. 9.
Cooper, Benjamin, New York, N. Y. Treadle circuit. 2,205,555; June 25.
Cooper, Benjamin, Jersey City, N. J. Recording device. 2,207,144; July 9.
Cooper, Charles A., South Jacksonville, Fla. Pin opener. 2,226,237; Dec. 24.
Cooper, Donald T., Philadelphia, Pa., assignor to Radio Corporation of America. Bank of switch keys. 2,200,076; May 7.
Cooper, Franklin S., Schenectady, N. Y., assignor to General Electric Company. Gas-insulated electric device. 2,221,670; Nov. 12.
Cooper, Franklin S., Schenectady, N. Y., assignor to General Electric Company. Gas dielectric media. 2,221,671; Nov. 12.
Cooper, Jacob B., Park Ridge, N. J. Seal for meter cabinets. 2,220,477; Nov. 5.
Cooper, James, Solvay, assignor to Hall & McChesney Inc., Syracuse, N. Y. Loose-leaf binder mechanism. 2,201,026; May 14.
Cooper, James, Solvay, and G. H. J. Baule, assignors to Hall & McChesney, Inc., Syracuse, N. Y. Loose-leaf binder. 2,191,707; Feb. 27.
Cooper, James, Solvay, and G. H. J. Baule, assignors to Hall & McChesney, Inc., Syracuse, N. Y. Loose leaf binder. 2,197,071; Apr. 16.
Cooper, James, Solvay, and G. H. J. Baule, assignors to Hall & McChesney, Inc., Syracuse, N. Y. Loose-leaf binder. 2,197,924; Apr. 23.
Cooper, James B., assignor of thirty per cent to G. J. Asensio, Clarkdale, Ga. Clamp attachment for fuse anchoring clips. 2,188,033; Jan. 23.
Cooper, James L., et al. (See Lirette, Robert R., assignor.)
Cooper, James M. (See Brown, R. R. H., and Cooper.)
Cooper, John H., J. E. Brower, and L. E. Miller, Fort Wayne, Ind. Track-laying apparatus. 2,216,434; Oct. 1.

Cooper, Kenneth K., Fort Wayne, Ind., assignor to General Electric Company. Dynamo-electric machine. 2,204,402; June 11.
Cooper, Lawson H., and W. J. Nightingale, Flint, Mich., assignor, by mesne assignments, to H. J. Forster, trustee for the Association of American Railroads. Automobile loading frame. 2,204,034; June 11.
Cooper, Lester. (See Roberts, D., Cooper, and Bascom.)
Cooper, Lester S., Port Clinton, Ohio, assignor to Rubatex Products, Inc., New York, N. Y. Hot gassing process. 2,186,959; Jan. 16.
Cooper Manufacturing Company. (See Cooper, Allyn R., assignor.)
Cooper, Peter. (See Johnson, R. L., Knapp, Cooper, and Lyons.)
Cooper, Roy L., assignor to Colorflex Corporation, Hammond, Ind. Illumination control system. 2,192,673; Mar. 5.
Cooper Tea Packet Co. (See Keller, Andrew, assignor.)
Cooper, Thomas B., Philadelphia, Pa., assignor of one-half to P. N. Bernheimer. Apparatus for the reclaiming and refining of white metals from dross, skimmings, and scruff. 2,224,501; Dec. 10.
Cooper, Virgil K., North Hollywood, Calif. Self-wringing mop. 2,222,834; Nov. 26.
Cooper, Wells & Company. (See Lahr, Nicholas F., assignor.)
Cooper, William B. A., Canistota, S. Dak. Plow attachment for tractors. 2,218,948; Oct. 22.
Cooper, William H. B. (See Ellis, H. O., and Cooper.)
Coordes, Harry G., assignor to Briggs Manufacturing Company, Detroit, Mich. Lavatory or washbasin. 2,185,186; Jan. 2.
Coordes, Harry G., assignor to Briggs Manufacturing Company, Detroit, Mich. Laundry tray unit or the like. 2,203,323; June 4.
Coordes, Harry G., assignor to Briggs Manufacturing Company, Detroit, Mich. Urinal. 2,208,720; July 23.
Cope, Arthur C., Bryn Mawr, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Barbituric acid derivatives. 2,187,701; Jan. 16.
Cope, Arthur C., Bryn Mawr, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Barbituric acids 2,187,702; Jan. 16.
Cope, Arthur C., Bryn Mawr, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Barbituric acids. 2,187,703; Jan. 16.
Cope, Arthur C., Bryn Mawr, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Secondary 1-alkenyl malonic esters and producing same. 2,188,874; Jan. 30.
Cope, Arthur C., Bryn Mawr, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Thiobarbituric acid derivatives. 2,219,543; Oct. 29.
Cope, Arthur C., Bryn Mawr, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Producing primary Δ 1-alkenyl malonic esters. 2,222,455; Nov. 19.
Cope, Frank T., assignor to The Electric Furnace Company, Salem, Ohio. Cooling chamber construction for furnaces. 2,201,988; May 28.
Cope, Frank T., assignor to The Electric Furnace Company, Salem, Ohio. Apparatus for brazing. 2,227,295; Dec. 31.
Cope, Harold, Donora, Pa. Valve seat. 2,204,724; June 18.
Cope, Joseph H., Denver, Colo. Power operated sweep rake. 2,202,310; May 28.
Copelin, Leonard S., Los Angeles, Calif. Core drill. 2,189,057; Feb. 6.
Copeman Laboratories Company. (See Copeman, Lloyd G., assignor.)
Copeman Laboratories Company. (See Jennings, Harley Y., assignor.)
Copeman Laboratories Company. (See Jennings, H. Y., and Schouman, assignors.)
Copeman, Lloyd G., Flint, Mich. Bird feeding station. 2,216,511; Oct. 1.
Copeman, Lloyd G., Flint, Mich. Birdhouse. 2,219,297; Oct. 29.
Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Cigarette and treating same. 2,185,293; Jan. 2.
Copen, Simon I., Boston, Mass. Surgical device. 2,207,614; July 9.
Copenhaver, John W. (See Russell, A., and Copenhaver.)
Copersito, Anthony F., Brooklyn, N. Y. Ventilator. 2,194,137; Mar. 19.
Copin, Helen M. (See Cavey, C. A., Copin, Hill, and Hunt.)
Copland, Charles J., North Kansas City, Mo., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Production of dextrose. 2,203,324; June 4.
Copland, Charles J., North Kansas City, Mo., assignor to Corn Products Refining Company, New York, N. Y. Crystallization of dextrose hydrate. 2,219,513; Oct. 29.
Coplans, Myer. (See Green, A. G., and Coplans.)
Coppage, Frederick C. (See Leonard, F. C., and Coppage.)
Copley, John W. (See Fedden, A. H. R., and Fortescue.)
Coppedge, James F., Clayton, Ga. Leading iron. 2,218,420; Oct. 15.
Copper Clad Malleable Range Company. (See Stein, Arthur H., assignor.)
Copper, Edward G. (See Humby, A. M., Smale, and Copper.)
Copperweld Steel Company. (See Frank, Robert J., assignor.)
Copperweld Steel Company. (See Selquist, Rolf, assignor.)
Copperweld Steel Company. (See Whitney, L. C., and Heidish, assignors.)
Coppock, Philip D., Higher Bebington, Cheshire, England. Manufacture of a starch adhesive and adhesive base. 2,194,216; Mar. 19.
Coppock, Philip D., Bebington, Wirral, England, assignor to The Distillers Company Limited, Edinburgh, Scotland. Manufacture of starch paste. 2,202,573; May 28.
Coppola, Eugene M., Des Moines, Iowa. Door check. 2,208,210; July 16.
Coppus Engineering Corporation. (See Wechsberg, O., and Werner, assignors.)
Coppus, Frans H. C., Princeton, assignor to L. M. Erskine, Worcester, V. W. Coppus and F. H. C. Coppus, Princeton, Mass., as trustees. System of drafting locomotives in roundhouses. Re. 21,642; Dec. 3.
Coppus, Vera W., et al., trustees. (See Coppus, Frans H. C.)
Copson, Harry R., Westfield, N. J., assignor to The International Nickel Company, Inc., New York, N. Y. Producing blister-free compound metals. 2,219,738; Oct. 29.
Corbière, Paul C. E. J., Lyon, France, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyeing of cellulose derivatives. 2,190,825; Feb. 20.
Corbin, David, assignor to G. Gidwitz, Chicago, Ill. Rotary web printing machine. 2,194,467; Mar. 26.
Corbin, Douglas H., Dunstable, England, assignor to General Motors Corporation, Detroit, Mich. Spark plug. 2,186,283; Jan. 9.
Corbin, Elbert A., Jr., assignor of one-half to W. C. Biddle, Lansdowne, Pa. Washbasin. 2,191,453; Feb. 27.
Corbin, Elbert A., Jr., assignor of one-half to W. C. Biddle, Lansdowne, Pa. Flow control valve. 2,196,202; Apr. 9.
Corbin, Elbert A., Jr., assignor of one-half to W. C. Biddle, Lansdowne, Pa. Hydraulic clutch. 2,196,203; Apr. 9.
Corbin, Elbert A., Jr., assignor of one-half to William C. Biddle, Lansdowne, Pa. Line check valve. 2,210,282; Aug. 6.
Corbin, Elbert A., Jr., assignor of one-half to W. C. Biddle, Lansdowne, Pa. Valve construction. 2,217,834; Oct. 15.
Corbin, Elbert A., Jr., assignor of one-half to W. C. Biddle, Lansdowne, Pa. Valve. 2,217,835; Oct. 15.
Corbin, Elbert A., Jr., assignor of one-half to W. C. Biddle, Lansdowne, Pa. Automatic valve locking and releasing device. 2,224,290; Dec. 10.
Corbin, Elbert A., Jr., assignor of one-half to W. C. Biddle, Lansdowne, Pa. Automatic-attachment for pipe molding machines. 2,225,036; Dec. 17.
Corbin-Holmes Shoe Co. (See Noona, T. A., and Doherty, assignors.)
Cordeau, Joseph A., et al. (See Vachon, Joseph J., assignor.)
Cordeau, Joseph A., Portland, Maine. Making shoes. 2,223,844; Dec. 3.
Corderman, Roy C., Chevy Chase, Md. Selectivity control. 2,212,391; Aug. 20.
Cordero, Fidel, Washington, D. C. Oxygen flow regulator for aircraft. 2,192,895; Mar. 12.
Cordes, Karl. (See Melchior, P., Pohl, and Cordes.)
Cordier, David E., assignor to Plaskon Company, Incorporated, Toledo, Ohio. Accelerator for urea-formaldehyde molding compositions. 2,186,821; Jan. 9.
Cordier, David E., assignor to Plaskon Company, Incorporated, Toledo, Ohio. Accelerator. 2,193,621; Mar. 12.
Cordier, David E., assignor to Plaskon Company, Incorporated, Toledo, Ohio. Cyanthioformamide in formaldehyde-urea molding compositions. 2,201,027; May 14.
Cordier, David E., assignor to Plaskon Company, Incorporated, Toledo, Ohio. Molding composition. 2,201,028; May 14.
Cordier, David E., assignor to Plaskon Company, Incorporated, Toledo, Ohio. Formaldehyde-urea molding composition. 2,203,772; June 11.
Cordier, David E., assignor to Plaskon Company, Incorporated, Toledo, Ohio. Formaldehyde-urea molding composition. 2,203,773; June 11.
Cordier, David E., assignor to Plaskon Company, Incorporated, Toledo, Ohio. Molding composition. 2,213,577; Sept. 3.
Cordier, David E., assignor to Plaskon Company, Incorporated, Toledo, Ohio. Molding composition. 2,213,578; Sept. 3.
Cordier, David E., assignor to Plaskon Company, Incorporated, Toledo, Ohio. Molding composition. 2,217,006; Oct. 8.
Cordier, David E., assignor to Plaskon Company, Incorporated, Toledo, Ohio. Formaldehyde-urea composition containing a latent accelerator. 2,223,816; Dec. 3.
Cordier, David E., assignor to Plaskon Company, Incorporated, Toledo, Ohio. Formaldehyde-urea molding composition. 2,223,817; Dec. 3.
Cordiner, William. (See Butler, L. F. G., and Cordiner.)

Cordray, Richard E., Upper Providence Township, Delaware County, Pa., assignor to General Electrical Company. Protection of electric systems. 2,209,810; July 30.
Cords, Otto, Berlin, Germany. Electric cable. 2,198,405; Apr. 23.
Cords, Otto, Berlin-Sudende, and G. Nehmiz, Berlin-Grunewald, Germany. Air space insulated electric cable. 2,216,386; Oct. 1.
Cordts, Karl, Eutin, assignor of one-half to J. Gastreich, Cologne-Meerheim, Germany. Funnel, particularly such as is used in conjunction with milk filters. 2.193,508; Mar. 12
Corduroy Rubber Company. (See Murphy, Roy C., assignor.)
Core Laboratories, Inc. (See Lewis, J. A., and Horner, assignors.)
Corel, Victoria G., San Leandro, Calif. Hose supporter. 2,190,932; Feb. 20.
Corell, Martin, and H. Vollmann, Frankfort-on-the-Main, and H. Becker, Hofheim in Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Substituted 3-aminopyrenes and preparing them. 2,185,661; Jan. 2.
Corey, Alvin A., Wilmington, Del., and H. C. Hosford, East Chicago, Ind., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of hydrochloric acid. 2,206,528; July 2.
Corey, James W., and A. M. MacCutcheon, Cleveland, Ohio, assignors to Reliance Electric and Engineering Company. Electric motor drive. 2,198,863; Apr. 30.
Corey, Neil, Winona, assignor of one-fourth to G. Fitting, Houston, Minn. Adjustable draft hitch for tractors. 2,196,410; Apr. 9.
Corhart Refractories Company. (See Fulcher, Gordon S., assignor.)
Corina, Angelo, Troy, N. Y. Artificial tree. 2,188,529; Jan. 30.
Corizzo, Carlo, Newburgh, N. Y. Sealing device. 2,202,338; May 28.
Cork, Edward C. (See Bowman-Manifold, M., Cork, and Browne.)
Cork, Edward C., Ealing, London, and J. L. Pawsey, Hillingdon, England, assignors to Electric & Musical Industries Limited. Directional aerial system. 2,187,015; Jan. 16.
Cork, Edward C., London, and J. L. Pawsey, Hillingdon, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electrical high frequency signaling system. 2,188,389; Jan. 30.
Cork, Edward C., Ealing, London, and J. L. Pawsey, Hillingdon, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electrical high frequency signaling system. 2,195,717; Apr. 2.
Cork, Edward C., Ealing, London, and J. L. Pawsey, Hillingdon, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. High frequency signaling system. 2,207,690; July 9.
Cork, Edward C., Ealing, London, M. Bowman-Manifold, Woking, and J. L. Pawsey, Hillingdon, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Aerial system. 2,208,749; July 23.
Cork, Edward C., Ealing, London, and J. L. Pawsey, Hillingdon, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Aerial and feeder system for use in high frequency signaling systems. 2,210,066; Aug. 6.
Cork, Edward C., Ealing, London, and J. L. Pawsey, Ickenham, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Aerial system. 2,213,692; Sept. 3.
Cork, Edward C., Ealing, London, M. Bowman-Manifold, Worplesdon Station, and C. L. Faudell, Acton, London, assignors to Electric & Musical Industries Limited, Hayes, England. Television and like systems. 2,227,066; Dec. 31.
Corken, Otto K., Oklahoma City, Okla. Attachment for file cabinets. 2,211,199; Aug. 13.
Corkery, Frank W. (See Burroughs, S. G., and Corkery.)
Corkery, Frank W., Crafton, Pa., assignor to Pennsylvania Industrial Chemical Corporation. Cutting oil. 2,193,476; Mar. 12.
Corkery, Frank W., Crafton, Pa., assignor to Pennsylvania Industrial Chemical Corporation. Resin recovery. 2,209,322; July 30.
Corkery, Marion M., Detroit, Mich. Sole edge protecting device. 2,212,392; Aug. 20.
Corlburg, Frank H., Iola, Kans. Headlight for automobiles. 2,209,052; July 23.
Corlett, Edwin H., Lewisboro Township, Westchester County, assignor to Aerial Explorations, Inc., Long Island City, N. Y. Apparatus for platting line maps from aerial photographs. 2,196,723; Apr. 9.
Corlett, Webster D., Oak Park, Ill., assignor to Standard Screw Company, Hartford, Conn. Valve tappet and insert. 2,207,534; July 9.
Corlett, Webster D., Oak Park, Ill., assignor to Standard Screw Company, Hartford, Conn. Valve tappet and insert. 2,207,535; July 9.
Corley, John T., Providence, R. I. Apparatus for producing fog streams. 2,209,323; July 30.
Cormack, Clarence E. (See Erasmus, H. W. B. de W., and Cormack.)
Cormack, John A., assignor to Dustlix Corporation, Milwaukee, Wis. Marking lump materials. 2,209,765; July 30.
Cormie, John C., Trenton, assignor to Homasote Company, Incorporated, Fernwood, Ewing Township, N. J. Corner construction. 2,221,632; Nov. 12.
Cormier, Frank L., East Braintree, assignor to Massachusetts Engineering Co., Inc., North Quincy, Mass. Boiler construction. 2,190,351; Feb. 13.
Corneil, Ernest R., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electrolytic cell gas outlet. 2,218,021; Oct. 15.
Corneil, Ernest R., Niagara Falls, and R. B. Corneil, Toronto, Ontario, Canada. Machine for transferring fluids. 2,201,575; May 21.
Corneil, Robert B. (See Corneil, Ernest R. and R. B.)
Cornelison, Lawrence W., assignor of one-half to L. E. Cornelison, San Francisco, Calif. Line painting apparatus. 2,192,433; Mar. 5.
Cornelison, Louise E. (See Cornelison, Lawrence W., assignor.)
Cornelissen, Arnold J., Buffalo, N. Y. Vehicle wheel. 2,203,774; June 11.
Cornelius, Anders E. A. S., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Method and apparatus for circulating glass. 2,198,304; Apr. 23.
Cornelius, Paul D., Tulsa, Okla., assignor to Sullivan Machinery Company. Expansible chamber motor. 2,195,208; Mar. 26.
Cornelius, Paul D., Tulsa, Okla., assignor to Sullivan Machinery Company. Motor and support therefor. 2,224,143; Dec. 10.
Cornell, Aileen F., administratrix. (See Cornell, Chauncey A.)
Cornell, Chauncey A., Detroit, deceased; Aileen F. Cornell, administratrix. Fire hose cabinet. 2,214,761; Sept. 17.
Cornell-Dubilier Corporation. (See Deeley, Paul M., assignor.)
Cornell, Edward S., Jr., Larchmont, N. Y. Punch, die, and press assembly. 2,199,830; May 7.
Cornell, Edward S., Jr., Larchmont, N. Y. Mechanico-fluid-pressure method of producing lateral-provided fittings. 2,206,741; July 2.
Cornell, Edward S., Jr., Larchmont, N. Y. Radiator valve or the like. 2,208,629; July 23.
Cornell, Edward S., Jr., Larchmont, N. Y. Providing non-radial tubular openings in arcuate surfaces. 2,210,141; Aug. 6.
Cornell, Edward S., Jr., Larchmont, N. Y. Air release valve. 2,218,700; Oct. 22.
Cornell, Edward S., Jr., Larchmont, N. Y. Liquid fuel burner unit. 2,220,066; Nov. 5.
Cornell, Edward S., Jr., Larchmont, N. Y. Closed thermal system. 2,220,078; Nov. 5.
Cornell, Edward S., Jr., Larchmont, N. Y. Air cushion fitting for thermal systems. 2,220,079; Nov. 5.
Cornell, Edward S., Jr., Larchmont, N. Y. Steam heating system with steam powered air circulation means. 2,220,754; Nov. 5.
Cornell, Edward S., Jr., Larchmont, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Humidifier. 2,187,645; Jan. 16.
Cornell, Edward S., Jr., Larchmont, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Thermal unit. 2,188,176; Jan. 23.
Cornell, Edward S., Jr., Larchmont, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Open tank heating system with flow control. 2,189,941; Feb. 13.
Cornell, Edward S., Jr., Larchmont, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Boiler. 2,191,427; Feb. 20.
Cornell, Edward S., Jr., Larchmont, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Heat exchange unit. 2,191,519; Feb. 27.
Cornell, Edward S., Jr., Larchmont, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Heating system. 2,194,691; Mar. 26.
Cornell, Edward S., Jr., Larchmont, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Manufacturing pressure vessels or the like. 2,197,609; Apr. 16.
Cornell, Edward S., Jr., Larchmont, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Air-venting pipe connection. 2,198,451; Apr. 23.
Cornell, Fritz G., Jr., Mountain Lakes, assignor to Jensen Creamery Machinery Company, Inc., Bloomfield, N. J. Heat exchange device. 2,200,355; May 14.
Cornell Iron Works, Inc. (See Kavanagh, W. L., and Cornell, assignors.)
Cornell, Joseph F., Minneapolis, Minn., assignor to The Timken Roller Bearing Company, Canton, Ohio. Cage for roller bearings. 2,205,372; June 18.
Cornell, Leo R., Berkeley, Calif., assignor of one-fourth to G. B. Lenz. Head frame for supporting eyeshields. 2,187,932; Jan. 23.

Cornell Machine Company, The. (See Cornell, Mead, assignor.)
Cornell, Mead. (See Hagan, Arthur S., assignor.)
Cornell, Mead, assignor to The Cornell Machine Company, Cleveland, Ohio. Treating process. 2,203,673; June 11.
Cornell, Milton L. (See Kavanagh, W. L., and Cornell.)
Cornell Research Foundation. (See Horsfall, J. G., assignor, and Suit.)
Cornell, Walter S. (See Morse, H. B., and Cornell.)
Cornella, Emanuel, Lombard, Ill. Electric mercury switch. 2,209,645; July 30.
Corner, George H. C., Sutton Coldfield, England, assignor to Talon, Inc. Separable interlocking fastener. 2,189,727; Feb. 6.
Corner, George H. C., Birmingham, England, assignor to Talon, Inc. Separable fastener. 2,201,122; May 14.
Cornetto, Fred, Washington, assignor of one-fourth to Maurice M. Sullivan, Pittsburgh, Pa. Frost-resistant glass. 2,215,209; Sept. 17.
Corning Glass Works. (See Blau, Henry H., assignor.)
Corning Glass Works. (See Grant, Jesse, assignor.)
Corning Glass Works. (See Hood, Harrison P., assignor.)
Corning Glass Works. (See Hood, H. P., and Nordberg, assignors.)
Corning Glass Works. (See Hostetter, John C., assignor.)
Corning Glass Works. (See Kell, Raymond W., assignor.)
Corning Glass Works. (See Leibig, E. C., and Hyde, assignors.)
Corning Glass Works. (See Littleton, Jesse T., assignor.)
Corning Glass Works. (See Littleon, J. T., Lillie, and Shaver, assignors.)
Corning Glass Works. (See Mattoon, Deo R., assignor.)
Corning Glass Works. (See McGregor, R. R., and Warrick, assignors.)
Corning Glass Works. (See Phillips, Charles J., assignor.)
Corning Glass Works. (See Said, William H., assignor.)
Corning Glass Works. (See Shaver, William W., assignor.)
Corning Glass Works. (See Smith, Rowland D., assignor.)
Corning Glass Works. (See Taylor, William C., assignor.)
Corning Glass Works. (See Weber, Arthur W., assignor.)
Corning Glass Works. (See Willson, Herbert S., assignor.)
Corning Glass Works. (See Winship, Edward J., assignor.)
Corning Glass Works. (See Yoshiki, Bunpei, assignor.)
Corning Glass Works. (See Yunck, John A., assignor.)
Cornish, Albert H., and M. Kadenacy, said Cornish assignor to Armstrong Whitworth Securities Company Limited, Slough, England. Two-stroke cycle internal combustion engine. 2,206,632; July 2.
Corn Products Refining Company. (See Ariail, Ralph E., assignor.)
Corn Products Refining Company. (See Bergquist, Carl, assignor.)
Corn Products Refining Company. (See Bishop, J Paul, assignor.)
Corn Products Refining Company. (See Bishop, J P., and Tucker, assignors.)
Corn Products Refining Company. (See Bode, Harold E., assignor.)
Corn Products Refining Company. (See Cantor, Sidney M., assignor.)
Corn Products Refining Company. (See Cohee, Rolland F., Jr., assignor.)
Corn Products Refining Company. (See Copland, Charles J., assignor.)
Corn Products Refining Company. (See Gerber, Louis. assignor.)
Corn Products Refining Company. (See Graham, Robert M., assignor.)
Corn Products Refining Company. (See Kelling, Alfred H., assignor.)
Corn Products Refining Company. (See Leuck, Gerald J., assignor.)
Corn Products Refining Company. (See Luby, Charles H., assignor.)
Corn Products Refining Company. (See McCoy, Rush O., assignor.)
Corn Products Refining Company. (See Meisel, Harry, assignor.)
Corn Products Refining Company. (See Nicolson, John, assignor.)
Corn Products Refining Company. (See Otterbacher, Theodore J., assignor.)
Corn Products Refining Company. (See Swallen, Lloyd C., assignor.)
Corn Products Refining Company. (See Thompson, Alva, assignor.)
Corn Products Refining Company. (See Veatch, Collins, assignor.)
Corn Products Refining Company. (See Young, David J., Jr., assignor.)
Cornwell, Lionel B., Teaneck, N. J., assignor to Cinaudagraph Corporation. Reproducer. 2,186,576; Jan. 9.
Cornwell, Lionel B., Stamford, Conn., assignor to Cinaudagraph Corporation. Loud-speaker. 2,200,490; May 14.
Cornwell, Lionel B., assignor to Cinaudagraph Corporation, Stamford, Conn. Sound reproducing apparatus. 2,207,240; July 9.
Cornwell, Ralph T. K., assignor to Sylvania Industrial Corportion, Fredericksburg, Va. Printing process and ink therefor. 2,226,848; Dec. 31.
Coro-Gram, Inc. (See Placco, Oscar F., assignor.)
Coronello, Charles, New York, N. Y. Safety balance twin boat. 2,219,252; Oct. 22.
Corpora, Michael, San Jose, Calif. Automobile directional signal. 2,186,098; Jan. 9.
Correa, John, Clayton, Calif. Sway stabilizer and shock absorber. 2,220,217; Nov. 5.
Corrigan, John T., Newport, R. I. Hydraulic transmission mechanism. 2,191,340; Feb. 20.
Corry-Jamestown Manufacturing Corporation. (See Hultberg, Walter R., assignor.)
Corry-Jamestown Manufacturing Corporation. (See Stowe, Rolland M., assignor.)
Corser, John, Minneapolis, Minn. Toilet seat. 2,185,499; Jan. 2.
Corsi, Nicholas, assignor to Ajax Bottle Cap Corp., Brooklyn, N. Y. Bottle capping machine. 2,189,628; Feb. 6.
Corson, Almon J., Swampscott, Mass., assignor to General Electric Company. Dynamometer instrument. 2,218,376; Oct. 15.
Corson, Ben B. (See Ipatieff, V. N., and Corson.)
Corson, Georgina, New York, N. Y. Mop cleaner. 2,192,896; Mar. 12.
Corson, Harry F., assignor to H. H. Brown Shoe Company, Inc., Worcester, Mass. Applying device. 2,212,824; Aug. 27.
Corson, Michael G., New York, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Copper and copper base alloys. 2,201,555; May 21.
Corson, William G., Akron, Ohio. Propeller. 2,196,104; Apr. 2.
Cort, James B., Irvington, N. J. Shoe. 2,209,387; July 30.
Corte, Herbert. (See Liebknecht, O., and Corte.)
Cortland Line Company. (See Whyte, William C., assignor.)
Corwin, Howard D. (See Fox, H. W., and Corwin.)
Cory, Anthony, New York, N. Y. Mechanical movement 2,213,978; Sept. 10.
Cory, John R., Chesterfield, assignor to Linotype and Machinery Limited, London, England. Typographical slug casting machine. 2,221,344; Nov. 12.
Cory, Marcus M., San Diego, Calif. Plastering system. 2,187,223; Jan. 16.
Cory, Marcus M., San Diego, Calif. Plastering system 2,187,224; Jan. 16.
Cory, Samuel I., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph testing system. 2,206,452; July 2.
Cory, Samuel I., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. System for measuring contact rebounding. 2,221,833; Nov. 19.
Corydon, Jeff, Providence, R. I. Proportioning apparatus. 2,218,393; Oct. 15.
Corydon, Jeff, and R. Lowe, Providence, R. I., assignors to Proportioneers, Inc. Pump. 2,185,784; Jan. 2.
Corydon, Jeff, and R. Lowe, assignors to Proportioners, Inc., Providence, R. I. Proportioning apparatus. 2,190,933; Feb. 20.
Coryell, William C. (See Purser, W. J., and Coryell.)
Cosentino, Anthony. (See Leone, D. T., Pagano, and Cosentino.)
Gosgrove, Rex P., assignor to Plaskon Company, Incorporated, Toledo, Ohio. Accelerator. 2,223,818; Dec. 3.
Cosman, Claus A., Basel, assignor to The Elastic Manufacturing Co. Ltd., Basel, Switzerland. Elastic fabric. 2,196,957; Apr. 9.
Cosmos Imperial Mills Limited. (See Monsaroff, B., and Burrill, assignors.)
Cosowsky, Louis, Brooklyn, N. Y. Movable louver. 2,217,472; Oct. 8.
Cosper, Andy B. (See Holmboe, H., and Cosper.)
Coss, Harold T. (See Vieweg, H. F., Holcomb, Pearce, and Coss.)
Costello, Andrew, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating machine. 2,212,659; Aug. 27.
Costello, Charles E., Bakersfield, assignor of one-fourth to W. B. Collins, and one-fourth to W. W. Boggs, Los Angeles, and one-fourth to J. W. Costello, Inglewood, Calif. Tool useful for removing objects from wells. 2,190,442; Feb. 13.
Costello, Charles E., Bakersfield, assignor of one-fourth to W. B. Collins and one-fourth to W. W. Boggs, both of Los Angeles, and one-fourth to J. W. Costello, Inglewood, Calif. Tool for handling fluids in wells. 2,214,121; Sept. 10.
Costello, John V., Upper Montclair, N. J., assignor to Wright Aeronautical Corporation. Connecting rod bearing lock. 2,208,664; July 23.
Costello, John W., et al. (See Costello, Charles E., assignor.)
Costello, Patrick J., Utica, N. Y. Beer energizer. 2,203,130; June 4.
Costello, Sidney C., Ravenna, Ohio. Surface treating drag. 2,227,296; Dec. 31.
Costello, William F., assignor to The New Britain Machine Company, New Britain, Conn. Ratchet device. 2,206,943; July 9.
Coster, Nils W., assignor to Soundview Pulp Company, Everett, Wash. Purifying cellulose materials. 2,195,396; Apr. 2.

Cotal, Jean, Paris, France. Electromagnetic clutching mechanism. 2,224,254; Dec. 10.
Cotchett, Louis M., Hingham, Mass., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Cord stretching and winding machine. 2,185,245; Jan. 2.
Cotchett, Louis M., Hingham, assignor to Saco-Lowell Shops, Boston, Mass. Drawing mechanism for spinning frames and the like. 2,193,552; Mar. 12.
Cote, Louis A., Lewiston, Maine. Snow scoop. 2,190,558; Feb. 13.
Cothran, Charles D. (See Trowbridge, M., and Cothran.)
Cottengim, Karl M., Winchester, assignor of twenty-five percent to D. B. Smith, Harlan, Ky. Conveyer. 2,193,530; Mar. 12.
Cotter, Bart, assignor to General Motors Corporation, Detroit, Mich. Fastening device. 2,201,335; May 21.
Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Hydromechanical transmission for motor vehicles. Re. 21,385; Mar. 12.
Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Planetary automotive transmission gearing. Re. 21,418; Apr. 9.
Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Transmission gearing. 2,201,848; May 21.
Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Safety tile section. 2,201,849; May 21.
Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Transmission gearing. 2,218,813; Oct. 22.
Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Drafting equipment. 2,219,766; Oct. 29.
Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Automatic transmission gear with no-back. 2,221,180; Nov. 12.
Cottingham, M. L. (See Morton, James C., assignor.)
Cotton, William A., Jr., and J. W. Widdifield, Laurel, Miss.; said Widdifield assignor to said Cotton. Separating or classifying apparatus. 2,202,189; May 28.
Cotton Harvester Corporation of America. (See Berry, Charles R., assignor.)
Cotton Research Foundation. (See Nickerson, Ralph F., assignor.)
Cotton Research Foundation. (See Olcott, Harold S., assignor.)
Cottrell, C. B., & Sons Company. (See Barber, Howard M., assignor.)
Cottrell, C. B., & Sons Company. (See Eckhard, William K., assignor.)
Cottrell, C. B., & Sons Company. (See Meyer, Joseph E., assignor.)
Cottrell, C. B., & Sons Company. (See Sweet, Carl C., assignor.)
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Spring plankless truck. 2,188,641; Jan. 30.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Draft gear. 2,207,287; July 9.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Draft gear. 2,207,288; July 9.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Spring plankless truck. 2,220,218; Nov. 5.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,222,478; Nov. 19.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Draft gear. 2,222,479; Nov. 19.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Center sill reinforcement. 2,222,480; Nov. 19.
Cottrell, Robert B., and F. C. Kulieke, assignors to American Steel Foundries, Chicago, Ill. Draft gear. 2,212,365; Aug. 20.
Coty, Samuel. (See Ambrose, Merrill W., assignor.)
Couch, Clarence A., assignor to Remington Rand Inc., Buffalo, N. Y. Time payment coupon book. 2,225,554; Dec. 17.
Couch, Forrest J., Rochester, N. Y., assignor to The American Laundry Machinery Company, Norwood, Ohio. Combined ironing machine and stacker. 2,210,447; Aug. 6.
Couch, Glenn F., assignor to The Symington-Gould Corporation, Rochester, N. Y. Journal box. 2,206,498; July 2.
Couch, Leo B., Maplewood, Mo. Garbage can. 2,216,807; Oct. 8.
Couch, Royden O., Grant, Fla. Reversible pump for flumes and the like. 2,212,113; Aug. 20.
Couchman, Earl W. (See Beardsely, Dilward T., assignor.)
Coughlin, Charles L., Shorewood, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Transmission. 2,196,292; Apr. 9.
Coughtry, William R., Flint, assignor to General Motors Corporation, Detroit, Mich. Change speed transmission. 2,195,269; Mar. 26.
Coulson, Bevis P., Jr., Schenectady, N. Y., assignor to General Electric Company. Mercury boiler. 2,202,835; June 4.
Coultas, Wilbur J. (See Paradise, L. A., and Coultas.)
Coultas, Wilbur, J., assignor to Deere & Company, Moline, Ill. Hitch connection. 2,203,981; June 11.
Coultas, Wilbur J., assignor to Deere & Company, Moline, Ill. Mower. 2,225,156; Dec. 17.
Coultas, Wilbur J., and E. T. Johnson, assignors to Deere & Company, Moline, Ill. Wheel mounting. 2,197,265; Apr. 16.
Coultas, Wilbur J., and C. J. Frederiksen, assignors to Deere & Company, Moline, Ill. Cutting apparatus. 2,203,982; June 11.
Coultas, Wilbur J., and N. D. Colvin, assignors to Deere & Company, Moline, Ill. Corn picker. 2,210,973; Aug. 13.
Coulter, Fred D., Bremerton, Wash. Aircraft landing-floor beacon. 2,212,537; Aug. 27.
Coulter, Guy, et al., administrators. (See Arbuckle, Samuel F.)
Coulter, Guy H. (See Arbuckle, S. F., and Coulter.)
Coulter, Guy H. (See Arbuckle, S. F., Coulter, and Godley.)
Coulter, Harold B. (See Knowles, J. H., and Coulter.)
Coulter, Marion D., Pittsburgh, Pa., assignor to Toledo Scale Manufacturing Company. Preserving bakery products. 2,193,622; Mar. 12.
Councilman, Berton J., Ogden, Iowa. Streamline handle and latch mechanism. 2,205,618; June 25.
Countryman, Charles M. (See Nicoll, J. S., Giles, Maruoka, Butler, and Countryman.)
Coupland, Richard C., United States Army, Norfolk, Va. Rate mechanism. 2,202,836; June 4.
Coupland, Robert W. (See Batey, A., and Coupland.)
Courchene, Theodore P. (See Miller, L. G., and Courchene.)
Courcoulas, Emmanuel, Asnieres, France, assignor to the firm "Sebrev" Société d'Etudes et de Brevets, Geneva, Switzerland. Arrangement for transforming mechanical energy into mechanical energy with intermediate transformation into electrical energy. 2,195,766; Apr. 2.
Court, Frank T., assignor to Deere & Company, Moline, Ill. Corn Sheller. 2,219,916; Oct. 29.
Court, Frank T., assignor to Deere & Company, Moline, Ill. Corn sheller. 2,222,282; Nov. 19.
Court, Frank T., assignor to Deere & Company, Moline, Ill. Vehicle supporting stand. 2,225,157; Dec. 17.
Court, William F., Webster Groves, Mo., assignor to Shell Development Company, San Francisco, Calif. Hydraulic disruption of solids. 2,217,360; Oct. 8.
Court, William F., Webster Groves, Mo., assignor to Shell Development Company, San Francisco, Calif. Hydraulic disruption of solids. 2,218,130; Oct. 15.
Courtaulds Limited. (See Cobb, Henry P., assignor.)
Courtaulds Limited. (See Coleshill, F. R., and McKeown.)
Courtaulds, Limited. (See Collings, Francis J., assignor.)
Courtaulds Limited. (See Givens, J. H., Biddulph, and Rose, assignors.)
Courtaulds Limited. (See Morton, Eric A., assignor.)
Courtaulds, Limited. (See Rose, Leslie, assignor.)
Courtaulds Limited. (See Stokes, W. H., and Hickson, assignors.)
Courtis, Joseph W. (See Komives, L. J., Wyatt, Courtis, Thomas, and Piper.)
Courtis, Stuart A. and W. F., Detroit, Mich. Fluid circulating system. 2,192,727; Mar. 5.
Courtis, Walter F. (See Courtis, Stuart A. and W. F.)
Courtney, Daniel J., Janesville, Wis. Separating machine. 2,208,788; July 23.
Courtney, Joseph F., Chicago, Ill. Automatic safety switch for vehicles. 2,190,934; Feb. 20.
Courtney, Joseph F., Chicago, Ill. Radio antenna. 2,205,846; June 25.
Courtney, Robert P., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Plastic composition. 2,207,997; July 16.
Courville, Alice A. (See Courville, Joseph A., assignor.)
Courville, Alice A., administratrix. (See Courville, Joseph A.)
Courville, Joseph A., assignor to A. A. Courville, Marlboro, Mass. Jacking apparatus. 2,192,767; Mar. 5.
Courville, Joseph A., deceased, assignor of one-half to A. A. Courville, Marlboro, Mass., administratrix. Power take-off for automobiles. 2,199,659; May 7.
Cousino, Walter F., Toledo, Ohio. Perforating in succession. 2,208,018; July 16.
Cousins, Willard V., Nathalie, Va. Planter. 2,216,720; Oct. 8.
Couty, Arnold L., Marshfield, Oreg. Preoiling system. 2,205,812; June 25.
Couzinet, René A. A., Neuilly-sur-Seine, France. Gas turbine. 2,195,025; Mar. 26.
Covell, Harold S., L. E. Heasley, and N. E. Cole, assignors to Hart & Cooley Manufacturing Company, Holland, Mich. Grille construction. 2,194,113; Mar. 19.
Cover, Ralph, Westminster, Md. Corn cutting head. 2,216,065; Sept. 24.
Covert, Claude J. (See Smaltz, J. C., and Covert.)
Covert, Harry E., Leslie, Mich. Plow hitch control. 2,205,619; June 25.
Covert, Lloyd W. (See Bruson, H. A., and Covert.)
Covert Manufacturing Company, The. (See Baxter, John B., assignor.)
Covey, Charles H., assignor to Marietta Concrete Corporation, Marietta, Ohio. Silo and silo parts. 2,193,714; Mar. 12.
Covington, John T., Durant, Okla. Cultivator mechanism. 2,189,707; Feb. 6.

Cowan, Alan F., South Croydon, Surrey, England. Carton for biscuits. 2,215,348; Sept. 17.
Cowan, Archibald D., Fulton, Ill., assignor to The Collis Company, Clinton, Iowa. Collapsible basket. 2,224,537; Dec. 10.
Cowan, Frank A., New York, N. Y., and H. A. Rhodes, Bloomfield, N. J., assignors to American Telephone and Telegraph Company. Telegraph distortion measuring system. 2,221,129; Nov. 12.
Cowan, R. G., Fayetteville Township, Onondaga County, assignor to Onondaga Pottery Company, Syracuse, N. Y. Saucer. 2,210,283; Aug. 6.
Cowan, Roysel J., assignor to Surface Combustion Corporation, Toledo, Ohio. Manufacture of malleable cast iron. 2,195,078; Mar. 26.
Cowan, Thomas R., Rodessa, La. Tubing protector. 2,197,778; Apr. 23.
Cowderoy-Dale, Frederick C., Dallas, Tex. Air conditioning system for buildings. 2,188,566; Jan. 30.
Cowdery, Robert H., and J. K. Kinnear, Geneva, assignors to The American Fork & Hoe Company, Cleveland, Ohio. Seamless fishing rod. 2,196,742; Apr. 9.
Cowdery, Robert H., and J. K. Kinnear, Geneva, assignors to The American Fork & Hoe Company, Cleveland, Ohio. Jointed seamless fishing rod. 2,196,743; Apr. 9.
Cowe, Francis H. (See Brown, G. R., and Cowe.)
Cowell, Marcus R., Toronto, Ontario, Canada. Starting apparatus for racing. 2,211,457; Aug. 13.
Cowgill, William W. (See Myers, P. B., and Cowgill.)
Cowgill, William W., Fairfield, Conn., assignor to Sardik Incorporated, Jersey City, N. J. Apparatus for treating material. 2,186,282; Jan. 9.
Cowham Engineering Co. (See Curtis, James E., assignor.)
Cowherd, Leila G., Kansas City, Mo. Sinus cap. 2,193,271; Mar. 12.
Cowin and Company. (See Cowin, James, assignor.)
Cowin, Herbert W. (See Jones, H. W., and Cowin.)
Cowin, James, assignor to Cowin and Company, Minneapolis, Minn. Silo roof. 2,187,616; Jan. 16.
Cowin, James, assignor to Cowin and Company, Minneapolis, Minn. Corncrib. 2,209,073; July 23.
Cowles, Arthur W., New Hampton, Iowa. Automatically stopping vehicles at railroad crossings. 2,208,016; July 16.
Cowles Company, The. (See Cowles, Edwin, assignor.)
Cowles, Delbert L., Fairport, N. Y. Vacuum cleaner for clothing. 2,214,193; Sept. 10.
Cowles, Edwin, Hopewell, assignor to The Cowles Company, Princeton, N. J. Apparatus for the preparation of paper stock and the like. 2,218,449; Oct. 15.
Cowles, Edwin, Hopewell, assignor to The Cowles Company, Princeton, N. J. Method and apparatus for refining paper stock. 2,220,676; Nov. 5.
Cowles, Edwin, Hopewell, assignor to The Cowles Company, Princeton, N. J. Machine for refining paper stock. 2,220,677; Nov. 5.
Cowles, Edwin, Silvermine, Norwalk, Conn., assignor to The Cowles Company, Princeton, N. J. Apparatus for disseminating solids in liquids. 2,219,571; Oct. 29.
Cowles, Irving, Detroit, Mich., assignor to said Cowles and R. W. Lotz, Chicago, Ill., as successor cotrustees of Utility Patents Trust. Automatic speed limiting mechanism for automotive vehicles. 2,193,224; Mar. 12.
Cowley, Henry L. (See Jones, C. R., Goodman, and Cowley.)
Cowling, Richard J., Cleveland, Ohio. Forming, refrigerating, and harvesting frozen bodies. 2,204,474; June 11.
Cox, Albert B., Long Beach, Calif., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,214,452; Sept. 10.
Cox, Ambrose L., Oildale, Calif. Sand sucker apparatus. 2,223,602; Dec. 3.
Cox, Charles A., Homestead, Fla. Rock plow. 2,187,302; Jan. 16.
Cox, Charles L., Memphis, Tenn. Alignment device for X-ray machines. 2,217,308; Oct. 8.
Cox, Daniel W. (See Cox, James H., assignor.)
Cox, David C., assignor to Electric Sorting Machine Company, Grand Rapids, Mich. Sorting machine. 2,190,935; Feb. 20.
Cox, Donald H., assignor to Henney Motor Company, Freeport, Ill. Cot fastener. 2,202,837; June 4.
Cox, Florence, Ada, Okla. Sanitary bedpan pad. 2,209,388; July 30.
Cox, George C., Charleston, W. Va. Anticorrosive and antifouling coating and method of application. 2,200,469; May 14.
Cox, George H., Detroit, Mich. Vehicle radiator grille guard. 2,189,169; Feb. 6.
Cox, Harold W., Mitcham, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Inductance coil. 2,188,651; Jan. 30.
Cox, Henry L., South Charlestown, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Metal salts of 12-ketostearic acid. 2,215,955; Sept. 24.
Cox, Henry L., South Charleston, and J. D. Matlack, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Recovery of plastic materials. 2,202,481; May 28.
Cox, Herbert F., Jr., Murray Hill, N. J., assignor to American Can Company, New York, N. Y. Can body making machine. 2,196,982; Apr. 16.
Cox, Howard R. (See Haddad, G. J., Cox, and Thomas.)
Cox, Irvin W., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone signaling system. 2,197,966; Apr. 23.
Cox, Irvin W., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Impulse sender. 2,207,506; July 9.
Cox, Irvin W., Milwaukee, Wis., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Converter. 2,225,687; Dec. 24.
Cox, Irving J., Wilmington, Del., and C. R. Johnson, Glenn Mills, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Internal anchor device for wells. 2,222,405; Nov. 19.
Cox, Isaac E. (See Vigne, A., and Cox.)
Cox, James H., assignor of one-half to D. W. Cox, Los Angeles, Calif. Dispensing device. 2,225,859; Dec. 24.
Cox, James L., Danvers, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electric discharge lamp. 2,203,612; June 4.
Cox, John C., assignor to Wagner Electric Corporation, St. Louis, Mo. Thermostatically controlled means for rotating packing cups. 2,197,125; Apr. 16.
Cox, John R., assignor to Thompson Products, Inc., Cleveland, Ohio. Automatic chucking device. 2,201,287; May 21.
Cox, John T., Chicago, and S. A. Zgranik, Berwyn, Ill., assignors to Remington Rand Inc., Buffalo, N. Y. Tabulator controlling apparatus. 2,214,012; Sept. 10.
Cox, John W., Berkeley, Calif., assignor to Radio Corporation of America. Hearing aid device. 2,207,705; July 16.
Cox, Joseph F., assignor of one-half to J. E. French, Tulsa, Okla. Calibrating device for valves. 2,192,069; Feb. 27.
Cox, Keith M., assignor of forty-one-hundredths to R. F. Anderson, Darlington, Ind. Footwear. 2,185,762; Jan. 2.
Cox, Maurice C. (See O'Neill, J. J., and Cox.)
Cox, Parker G. (See Heftler, M. B., and Cox.)
Cox, Paul F., Chicago, Ill. Oscillating cylinder flat bed variable sheet printing press. 2,206,879; July 9.
Cox, Raymond E., assignor of one-fourth to O. C. Elmstedt and one-fourth to W. N. Basham, Oakland, Calif. Automobile and trailer brake control mechanism. 2,188,200; Jan. 23.
Cox, Samuel F., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Alleghany County, Pa. Hollow structural block. 2,226,220; Dec. 24.
Cox, Seth J., Franklin, Pa. Screw driver. 2,185,910; Jan. 2.
Cox, Vernon L., Upper Darby, Pa., assignor to General Electric Company. System of electric distribution. 2,202,730; May 28.
Cox, William P., assignor to The Timken Roller Bearing Company, Canton, Ohio. End closure for axle housing. 2,210,543; Aug. 6.
Cox, William R., Lynn, Mass., assignor to General Electric Company. Induction motor rotor. 2,196,059; Apr. 2.
Coxe, Joseph A., Los Angeles, Calif., assignor to Bronson Reel Company, Bronson, Mich. Reel. 2,197,779; Apr. 23.
Coxe, Joseph A., Los Angeles, Calif., assignor to Bronson Reel Company, Bronson, Mich. Fishing reel. 2,209,598; July 30.
Coxon, George E. (See Farr, W. H., and Coxon, assignors.)
Coxon, George E. (See Norman, H. M., Farr, Coxon, Paul, and Le Fevre.)
Coy, Joseph A. (See Davis, Carl G., assignor.)
Coy, Joseph A., Tulsa, Okla. Heat exchanger baffle seal. 2,200,787; May 14.
Coy, Joseph A., Tulsa, Okla. Heat exchanger and absorber. 2,200,788; May 14.
Coy, Joseph A., Cincinnati, Ohio, assignor to The Wadsworth Electric Manufacturing Company, Covington, Ky. Circuit breaker mechanism. 2,203,131; June 4.
Coy, Joseph A., Tulsa, Okla. Automatic line shut-off. 2,227,297; Dec. 31.
Coyle, John, Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Key opening container. 2,195,767; Apr. 2.
Coyle, Joseph L., Toronto, Ontario, Canada. Egg carton and egg filler assembling machine. 2,224,510; Dec. 10.
Coyne, Howard L., Rockville Centre, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical terminal. 2,200,059; May 7.
Coyne, John J., Forest Hills, Long Island, N. Y. Vibration isolator. 2,189,708; Feb. 6.
Cozzens, Charles O., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,206,880; July 9.
Crabb, Glenwood D., Pittsburgh, Pa. Shale screen. 2,208,895; July 23.
Crabb, William, & Company. (See Bock, L., and Reed, assignors.)
Crabbe, George N., Creeskill, N. J., and A. W. Paulson, Old Greenwich, Conn., assignors to Otis Elevator Company, New York, N. Y. Elevator system. 2,222,193; Nov. 19.

Crabbs, Herbert J., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric switch. 2,193,122; Mar. 12.
Crabbs, Herbert J., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical switch. 2,208,411; July 16.
Crabbs, Herbert J., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical device. 2,217,433; Oct. 8.
Crabbs, Herbert J., and H. L. Rawlins, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Disconnecting switch. 2,224,380; Dec. 10.
Crabiel, Charles A. (See Hollmann, H., Van Voorhis, and Crabiel.)
Crabiel, Charles A. (See Van Voorhis, W. G., and Crabiel.)
Crabtree, George W., Cleveland Heights, Ohio. Spring clip. 2,214,223; Sept. 10.
Crabtree, George W., Cleveland Heights, Ohio. Clip folding machine. 2,224,381; Dec. 10.
Crabtree, Theodore H., New Brighton, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplifier circuits with controlled gain. 2,208,665; July 23.
Craddock, Frederick L., Wilmington, Del. Thumb lollipop. 2,190,231; Feb. 13.
Craddock, Frederick L., Rochester, N. Y. Mixing apparatus. 2,193,686; Mar. 12.
Craddock, Frederick L., Rochester, N. Y. Apparatus for mixing materials. 2,195,511; Apr. 2.
Craft, Frank. (See Paul, E. T., and Carlisle, assignors.)
Craft, Liva M., assignor to Collins Radio Company, Cedar Rapids, Iowa. Distortion and carrier shift correction system. 2,191,454; Feb. 27.
Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Printing press. 2,193,089; Mar. 12.
Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Rotary photogravure printing press. 2,207,785; July 16.
Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Ink fountain. 2,224,217; Dec. 10.
Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Ink fountain. 2,224,218; Dec. 10.
Crafts, Irving M., Portland, and C. B. Taylor, Middletown, assignors to The Pickering Governor Company, Portland, Oreg. Governor for prime movers. 2,197,743; Apr. 6.
Crafts, Walter. (See Critchett, J. H., and Crafts.)
Crafts, Walter, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Electrical steel sheet. 2,209,684; July 30.
Crafts, Walter, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Silicon electrical steel sheet. 2,209,685; July 30.
Crafts, Walter, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Sheared electrical steel sheet. 2,209,686; July 30.
Crafts, Walter, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Sheared silicon electrical steel sheet. 2,209,687; July 30.
Crafts, Walter, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Production of malleable iron. 2,227,217; Dec. 31.
Craftsman Equipment Corporation, The. (See Gilbert, Clyde L., assignor.)
Craggs, Ross V., Brooklyn, N. Y., assignor to American Machine & Foundry Company. Control device for pneumatic conveyers for cigarette machines. 2,195,407; Apr. 2.
Craggs, Ross V., Brooklyn, N. Y., assignor to American Machine & Foundry Company. Cigarette tipping. 2,197,072; Apr. 16.
Crago, Harry R., Schenectady, N. Y., assignor to General Electric Company. Control system and apparatus for heating. Re. 21,569; Sept. 17.
Crago, Harry R., Caldwell, N. J., assignor to General Electric Company. Automatic temperature control. 2,202,731; May 28.
Crago, Harry R., Caldwell, N. J., assignor to General Electric Company. Method of and apparatus for cooling. 2,204,403; June 11.
Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,186,800; Jan. 9.
Crago, Paul H., Wilkinsburg, assignor to Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,187,414; Jan. 16.
Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,197,425; Apr. 16.
Cragwall, Gordon O. (See Pasternack, R., and Cragwall.)
Craib, Fred, Martinez, Calif. Desk lamp. 2,199,985; May 7.
Craig, Burnie J., Los Angeles County, Calif. Vehicle door latch. 2,187,933; Jan. 23.
Craig, Burnie J., Los Angeles County, Calif. Vehicle door latch control mechanism. 2,187,934; Jan. 23.
Craig, Burnie J., Los Angeles County, Calif. Vehicle door controlling mechanism. 2,187,935; Jan. 23.
Craig, Burnie J., Los Angeles County, Calif. Automotive vehicle door latch. 2,187,936; Jan. 23.
Craig, Burnie J., Los Angeles County, Calif. Latch for automotive vehicle doors. 2,204,208; June 11.
Craig, Burnie J., Los Angeles County, Calif. Automotive vehicle door control. 2,210,230; Aug. 6.
Craig, David, Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidant. 2,189,417; Feb. 6.
Craig, David, Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidant. 2,206,454; July 2.
Craig, David, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparing substituted diarylamines. 2,225,368; Dec. 17.
Craig, Hugh L., Homewood, Ala. Burglar guard. 2,222,866; Nov. 26.
Craig, Kenneth A., Appleton, assignor to Paper Patents Company, Neenah, Wis. Treating ground wood. 2,187,016; Jan. 16.
Craig, Palmer H., Bethlehem, Pa., assignor to Invex Corporation, Cleveland, Ohio. Generator regulator. 2,214,879; Sept. 17.
Craig, Wallace A., and P. C. Rich, assignors to Richfield Oil Corporation, Los Angeles, Calif. Recovery of mercaptans. 2,222,170; Nov. 19.
Crail, Joe, Jr., et al., trustees. (See Chaney, A. L., and Lammersen.)
Crain, Allan M. (See Simpson, L., and Crain.)
Cram, Geo. F., The. (See Peterson, Edward A., assignor.)
Cram, Hervey G., Appleton, Wis. Apparatus for regulating the consistency of pulp or stock. 2,210,027; Aug. 6.
Cram, Hervey G., Appleton, Wis. Tool for use in assembling and disassembling the siphons of drier drums. 2,224,857; Dec. 17.
Cramer, Charlotte, New York, N. Y. Combined key and flashlight. 2,208,498; July 16.
Cramer, Delbert M. (See Ferrall, W. E., and Cramer.)
Cramer, Edna F., Burlingame, Calif. Sanitary diaper. 2,199,781; May 7.
Cramer, Harry A., Jr. (See Barlow, E. P., and Cramer.)
Cramer, Jesse F. (See Cramer, Roy A and J. F.)
Cramer, John A., Ogden, Utah. Roof framing implement. 2,204,927; June 18.
Cramer, R. W., Company, The. (See Knight, Ronald F., assignor.)
Cramer, Raymond H., Newark, N. J., assignor to General Motors Corporation, Detroit, Mich. Centerless grinding machine. 2,205,468; June 25.
Cramer, Raymond H., Newark, N. J., assignor to General Motors Corporation, Detroit, Mich. Precision grinding of contoured articles. 2,218,982; Oct. 22.
Cramer, Raymond H., Newark, and P. H. Hutchinson, Montclair, N. J., assignors to General Motors Corporation, Detroit, Mich. Grinding machine. 2,188,675; Jan. 30.
Cramer, Roy A. and J. F., Kansas City, Mo. Seat cover. 2,191,848; Feb. 27.
Cramer, Roy A. and J. F., Kansas City, Mo. Seat cover. 2,192,070; Feb. 27.
Cramer, Roy A. and J. F., Kansas City, Mo. Posture chair. 2,195,241; Mar. 26.
Cramer, Stanley S., Haddon Heights, assignor, by mesne assignments, to Condenser Development Corporation, Newark, N. J. Electrical condenser. 2,187,017; Jan. 16.
Cramer, Stanley S., Haddon Heights, assignor, by mesne assignments, to Condenser Development Corporation, Newark, N. J. Electrical condenser. 2,207,239; July 9.
Cramer, Theron A., Schenectady, N. Y., assignor to General Electric Company. Protection of electric power systems. 2,199,168; Apr. 30.
Cramer, Walter W., Portland, Oreg., and F. S. Kinkead, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,206,663; July 2.
Cramer, William E. (See Orth, H. S., Oberst, and Cramer.)
Crammond, Earle D., Washington, D. C. Guide support and flexible conductor. 2,190,108; Feb. 13.
Cramp, Benjamin, Barkingside, Ilford, England. Machine for displaying and dispensing soap tablets or the like articles. 2,189,544; Feb. 6.
Cramp, David L., assignor to Lake Shore Mines, Limited, Kirkland Lake, Ontario, Canada. Regulating temperature in ore roasting furnaces. 2,202,245; May 28.
Crampton, David, Montclair, N. J. Refrigeration. 2,185,332; Jan. 2.
Crampton, Donald K., Marion, assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Electrical conductor. 2,203,080; June 4.
Crancer, Lester A., et al. (See Hurley, Walter G., assignor.)
Crandall, Eugene L. (See Piercy, C. A., and Crandall.)
Crandall, Eugene L., Scotia, N. Y., assignor to General Electric Company. Temporary sealing means for gas filled cables. 2,217,104; Oct. 8.
Crandall, George S., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Diesel fuel. 2,188,262; Jan. 23.
Crandall, John P., Buffalo, N. Y. Apparatus for dispensing measured charges of fluent material. 2,188,676; Jan. 30.
Crandall, Julian T., assignor to Ashaway Line & Twine Manufacturing Company, Ashaway, R. I. Spindle for winding machines. 2,204,475; June 11.

Crandall, Julian T., assignor to Ashaway Line & Twine Manufacturing Company, Ashaway, R. I. Winding machine. 2,207,615; July 9.
Crandall, Julian T., Ashaway, R. I., assignor to Ashaway Line & Twine Mfg. Co. Fishing rod. 2,210,231; Aug. 6.
Crandall, Julian T., assignor to Ashaway Line & Twine Manufacturing Company, Ashaway, R. I. Winding machine. 2,226,221; Dec. 24.
Crandall, Max, and M. Sanders, Kingfisher, Okla. Air conditioning apparatus. 2,195,768; Apr. 2.
Crandell, Dean D., assignor to National Gypsum Company, Buffalo, N. Y. Building construction. 2,208,094; July 16.
Crane Co. (See Gracey, Robert G., assignor.)
Crane Co. (See Kacena, J., and Vandenberg, assignors.)
Crane Co. (See Kalbeck, Martin, assignor.)
Crane Co. (See Marchand, Eugene W., assignor.)
Crane Co. (See Newman, Thomas P., assignor.)
Crane Co. (See Vande Bogart, Leonard G., assignor.)
Crane Co. (See Zinkil, R. H., and Fredrickson, assignors.)
Crane Co. (See Zinkil, R. H., Frederickson, and Kovarik, assignors.)
Crane, Carl J. (See Burka, S. M., and Crane.)
Crane, Carl J., and R. K. Stout, Dayton, Ohio. Navigational control means. 2,194,217; Mar. 19.
Crane, Carl J., Fairfield, and F. G. Nesbitt, Dayton, Ohio. Rate indicator. 2,216,737; Oct. 8.
Crane, Carl J., and G. R. Larkin, Dayton, Ohio. Synchronizing mechanism. 2,220,080; Nov. 5.
Crane, Edward J., Oak Park, and D. T. Smith, Maywood, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Dust separating and collecting device. 2,192,515; Mar. 5.
Crane, Harold C., assignor to Turnbull Elevator Company, Limited, Toronto, Ontario, Canada. Door opening and closing mechanism for elevators. 2,193,860; Mar. 19.
Crane, Harold C., assignor to Turnbull Elevator Company, Limited, Toronto, Ontario, Canada. Hydraulic door operating device. 2,212,998; Aug. 27.
Crane, Henry M., New York, N. Y., assignor to General Motors Corporation, Detroit, Mich. Vehicle suspension system. 2,215,826; Sept. 24.
Crane, Hubert R. (See Ciaccio, P. L., and Crane.)
Crane, Hubert R., Los Angeles, Calif. Quick action rod couple assembly. 2,208,017; July 16.
Crane Packing Company. (See Teeple, Charles P., assignor.)
Crane, Raymond E., Kittanning, Pa. Flush tank and water closet combination. 2,210,796; Aug. 6.
Crane, Samuel G., assignor of one-half to E. B. Leaverton, Omaha, Nebr. Electrothermal motor. 2,203,719; June 11.
Crane, Samuel G., Omaha, Nebr., assignor of one-twentieth to R. E. Dutcher, Council Bluffs, Iowa, one-twentieth to O. O. Hurich, one-twentieth to L. M. Janks, one-twentieth to A. M. Larsen, and three-tenths to E. B. Leaverton, Omaha, Nebr. Electric timing device. 2,221,863; Nov. 19.
Crane, W. B., et al. (See Saltsman, Daniel J., assignor.)
Cranmer, George H., Philadelphia, Pa., assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,227,298; Dec. 31.
Cranmer, George H., Philadelphia, Pa., assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,227,299; Dec. 31.
Crangle, George C., San Francisco, Calif. Amalgamator. 2,211,101; Aug. 13.
Crapez, Jules, Mons-en-Baroeul, France. Psychrometric apparatus for direct reading of humidity. 2,189,857; Feb. 13.
Crary, Cecil R., assignor to G. T. Crary, Detroit, Mich. Toy parachute. 2,213,205; Sept. 3.
Crary, Clarence J., assignor to G. Beary, Chicago, Ill. Pressing pad. 2,206,836; July 2.
Crary, Grace T. (See Crary, Cecil R., assignor.)
Crary, Jay D., Portland, Oreg., assignor of one-half to Ira R. Watkins, Aberdeen, Wash. Hand grip. 2,215,116; Sept. 17.
Crater, John F., assignor to Cleveland File Company, Cleveland, Ohio. File. 2,214,954; Sept. 17.
Crater, Willard de C., Newark, N. J., assignor to Hercules Powder Company, Wilmington, Del. Blasting cap. 2,214,721; Sept. 10.
Cravaritis, Andrew, assignor to National Silver Deposit Ware Co., Inc., New York, N. Y. Decanter holding device. 2,205,922; June 25.
Cravaritis, Andrew, assignor to National Silver Deposit Ware Co., New York, N. Y. Fruit cutting device. 2,226,372; Dec. 24.
Cravaths, James R., Rock Island, Ill. Vehicle seat back. 2,198,332; Apr. 23.
Cravitz, Philip. (See Hasler, M. F., Lindhurst, and Cravitz.)
Crawford, Alden K., Akron, and H. G. Arnold, Wooster, Ohio. Container for cigarette packages. 2,206,455; July 2.
Crawford, Alice C., New York, N. Y. Toy. 2,213,901; Sept. 3.
Crawford, Bruce D., Grass Valley, Calif., assignor to American Cyanamid Company, New York, N. Y. Recovering gold from saprolite gold ores and other refractory slow settling gold ores. 2,186,779; Jan. 9.
Crawford, Carlos E., Tulsa, Okla. Automatic pipe line delivery valve. 2,216,000; Sept. 24.
Crawford, Carmi R., Chicago, Ill. Electroplating support. 2,194,138; Mar. 19.
Crawford, David A., Golf, assignor to The Pullman Company, Chicago, Ill. Railway sleeping car. 2,205,085; June 18.
Crawford, David A., Golf, A. E. McKinnon, Homewood, and C. H. Apel, assignors to The Pullman Company, Chicago, Ill. Railway car. 2,212,897; Aug. 27.
Crawford Door Company. (See Graham, Matthew P., assignor.)
Crawford Door Company. (See Siess, H. J., and Casse, assignors.)
Crawford, Emerick B., Hamden, and M. R. Turrell, Bethany, Conn., assignors to American Machine & Foundry Company. Tray stabilizing device. 2,195,326; Mar. 26.
Crawford, Furman W., Caradan, Tex. Dual crank and connecting rod assembly. 2,188,831; Jan. 30.
Crawford, George M., et al. (See Beers, George H., Sr., assignor.)
Crawford, Grover D., Elmhurst, N. Y. Spark intensifier. 2,185,938; Jan. 2.
Crawford, Harry J., Venice, Calif. Static grounding device for vehicles. 2,216,363; Oct. 1.
Crawford, Helene, Silverton, Colo. Ash receiver. 2,225,623; Dec. 24.
Crawford, Hugh J., Oakland, Calif. Fruit and vegetable shredder. 2,214,075; Sept. 10.
Crawford, John, Detroit, assignor to Ford Motor Company, Dearborn, Mich. Current regulator. 2,225,158; Dec. 17.
Crawford, John W. C., Frodsham, England, and J. McGrath, Ardrossan, Scotland, assignors to Imperial Chemical Industries Limited. Polymerizing lower alkyl esters of acrylic acid. 2,191,520; Feb. 27.
Crawford, John W. C., Frodsham, England, and J. McGrath, Ardrossan, Scotland, assignors to Imperial Chemical Industries Limited. Preparing polymeric vinyl esters in granular form. 2,194,354; Mar. 19.
Crawford, Richard A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Retarder of vulcanization. 2,213,954; Sept. 10.
Crawford, Robert B. P., Miami, Fla. Gas and liquid contact apparatus. 2,198,305; Apr. 23.
Crawford, Robert B. P., Miami, Fla. Fluid cooling. 2,200,442; May 14.
Crawford, Robert B. P., Miami, Fla. Regenerative cooling system. 2,220,219; Nov. 5.
Crawford, Robert B. P., New York, N. Y. Regenerative cooling system. 2,214,880; Sept. 17.
Crawford, Walter C., assignor, by mesne assignments, of one-half to O. Olsen and A. Pepe, Bogota, N. J. Paint brush holder. Re. 21,386; Mar. 12.
Crawford, William M., Bondurant, Iowa. Belt tightener. 2,185,745; Jan. 2.
Crawford, William S., Santa Barbara, Calif. Book support and line gauge. 2,202,190; May 28.
Cream of Wheat Corporation, The. (See Bemis, Bently A., assignor.)
Creamer, Edgar R., Detroit, Mich. Cord fastening. Re. 21,512; July 23.
Creamer, Norman G., Huntington, W. Va., assignor to Edward Ermold Company, Hudson, N. Y. Printing attachment for bottle labeling machines. 2,199,254; Apr. 30.
Creamer, Norman G., Huntington, W. Va., assignor to Edward Ermold Company, Hudson, N. Y. Printing attachment for bottle labeling machines. 2,199,255; Apr. 30.
Creamery Package Mfg. Company, The. (See Gilbert, Frank B., assignor.)
Creamery Package Mfg. Company, The. (See Godfrey, J. H., and Farrall, assignors.)
Creamery Package Mfg. Company, The. (See Larsen, Olaf, assignor.)
Creamery Package Mfg. Company, The. (See Seymour, Lynn L., assignor.)
Creamery Package Mfg. Company. (See Walstrom, Axel M., assignor.)
Creary, James, De Funiak Springs, Fla. Fly swatter. 2,199,044; Apr. 30.
Creasy, Luther P., Catawissa, Pa. Cigarette ash holder. 2,222,500; Nov. 19.
Crede, Charles E., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car construction. 2,192,813; Mar. 5.
Crede, Charles E., Chicago, Ill., assignor, by mesne assignments, to Standard Railway Refrigerator Company. Refrigerator car construction. 2,204,665; June 18.
Creed and Company Limited. (See Salmon, Reginald D., assignor.)
Creed and Company Limited. (See Thompson, A. E., and Salmon, assignors.)
Creed, Frederick G., Croydon, assignor to Floating Stations Limited, London, England. Floating structure. 2,214,453; Sept. 10.
Creek Chub Bait Company. (See Davenport, Sam F., assignor.)
Creelman, George D. (See Finnegan, George B., Jr., and Creelman.)
Crego, Frank T. (See Osborn, W. H., and Crego.)

Creighton, Thomas A., and T. E. McMahan, Long Beach, assignors of one-third to M. H. Wright, Los Angeles, Calif. Well drilling tool. 2,206,222; July 2.
Cremer, Alfred, Woluwe-St.-Pierre, Brussels, Belgium. Circulating electrolyte in apparatus for the electrodeposition of metals. 2,196,355; Apr. 9.
Cremer, Egon P., New York, N. Y. Wire ornament. 2,211,883; Aug. 20.
Cremer, Frits. (See Welker, H. L., and Cremer.)
Creper, Louis, Brooklyn, N. Y. Surgical belt. 2,185,834; Jan. 2.
Crescent Woolen Mills Co. (See Webster, Leo E., assignor.)
Crespi, Giovanni B., Ceriana (Imperia), Italy. Refractory material for use in basic process siderothermic furnaces. 2,206,277; July 2.
Crespinel, William T., assignor to Cinecolor, Incorporated, Los Angeles, Calif. Three-color film and making same. 2,226,339; Dec. 24.
Cress, Nicholas, Ambridge, Pa. Animal trap. 2,188,652; Jan. 30.
Cressman, Lucius G., Springfield, Mass. Engine support. 2,215,117; Sept. 17.
Creswell, Charles E., Baltimore, Md., assignor to American Telephone and Telegraph Company. Lashing cables to supporting strands. 2,213,363; Sept. 3.
Creswell, John W., assignor of one-fourth to M. E. Peters, Shelby, N. C. Collar creasing and ironing apparatus. 2,198,492; Apr. 23.
Creswell, Paul H., and R. A. Kelly, assignor to R. A. Kelly and P. H. Creswell, Xenia, Ohio, a partnership doing business as Kelly-Creswell Company. Highway marking. 2,220,316; Nov. 5.
Creti, Marcello, Rome, Italy. Telephone system. 2,192,540; Mar. 5.
Crha, Adolph, Ravinia, S. Dak. Harvester accessory. 2,208,071; July 16.
Crickmer, Charles S. (See Glitsch, H. C., and Crickmer.)
Crickmer, Charles S., assignor to Merla Tool Company, Dallas, Tex. Pipe coupling. 2,225,208; Dec. 17.
Crickmer, Charles S., and R. A. Lamb, assignors to Merla Tool Company, Dallas, Tex. Flow valve. 2,207,118; July 9.
Criddle, Edward S., assignor to Dortch Stove Works, Inc., Franklin, Tenn. Range. 2,219,623; Oct. 29.
Cridlebaugh, John C., Arcadia, Calif. Antipicking device. 2,217,891; Oct. 15.
Criley, William W., Cleveland, Ohio. Control mechanism. 2,217,332; Oct. 8.
Criley, William W., Cleveland, Ohio. Forging die. 2,224,670; Dec. 10.
Crilly, William P., Pico, and R. J. Burke, Beverly Hills, assignors to Worley & Co., Pico, Calif. Shoe rack. 2,195,919; Apr. 2.
Crim, Otis P., Anderson, Ind. Knob attaching device. 2,210,797; Aug. 6.
Crima, S. A. (See Mastrangelo, Armand, assignor.)
Crimmel, Henry H., assignor to Sneath Glass Company, Hartford City, Ind. Multiple compartment tray. 2,199,195; Apr. 30.
Crimmins, William C., assignor to Delta Electric Company, Marion, Ind. Bicycle lamp structure. 2,191,932; Feb. 27.
Crimmins, William C., assignor to Delta Electric Company, Marion, Ind. Electric switch. 2,207,457; July 9.
Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 2,185,835; Jan. 2.
Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Spacing apparatus. 2,189,199; Feb. 6.
Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 2,195,641; Apr. 2.
Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 2,208,834; July 23.
Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 2,210,527; Aug. 6.
Crisp, Charles O. (See Killick, Reginald, assignor.)
Crist, John L., assignor to Southern Dyestuff Corporation, Charlotte, N. C. Dyeing with sulphur black dyestuffs. 2,193,328; Mar. 12.
Cristiani, Luigi, Brooklyn, N. Y. Apparatus for color photography. 2,200,467; May 14.
Cristiani, Luigi, Voghera, and G. Mascarini, Milan, Italy. Apparatus for color photography. 2,200,466; May 14.
Cristiano, Angelo M., and F. M. Reibold, assignors to Robbins & Myers, Inc., Springfield, Ohio. Assembling electric motors and generators. 2,226,398; Dec. 24.
Criswell, Carmer, assignor to General Motors Corporation, Detroit, Mich. Vibration suppressing means. 2,214,921; Sept. 17.
Critchett, James H., Douglaston, and W. Crafts, Niagara Falls, N. Y., assignors to Electro Metallurgical Company. Addition agent and its use in the treatment of iron and steel. 2,221,781; Nov. 19.
Critchett, James H., Douglaston, and W. Crafts, Niagara Falls, N. Y., assignors to Electro Metallurgical Company. Treatment of molten ferrous metal and agents therefor. 2,221,782; Nov. 19.
Critchett, James H., Douglaston, and W. Crafts, Niagara Falls, N. Y., assignors to Electro Metallurgical Company. Addition agent and its use. 2,221,783; Nov. 19.
Critchett, James H., New York, and W. Crafts, Niagara Falls, N. Y., assignors to Electro Metallurgical Company. Method and agent for treating molten iron and steel. 2,221,784; Nov. 19.
Critchfield, Robert M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Method of manufacture. 2,192,434; Mar. 5.
Critchfield, Robert M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Starting apparatus for internal combustion engines. 2,211,053; Aug. 13.
Critchfield, Robert M., and J. White, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Cover support. 2,188,706; Jan. 30.
Critchfield, Robert M., and A. G. Phelps, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Protector. 2,194,885; Mar. 26.
Critchley, James V., assignor to Fitz-On Sales Corporation, Worcester, Mass. Top lift attachment. Re. 21,430; Apr. 23.
Crites, Joe, Evanston, Ill., assignor to Combustion Engineering Company, Inc., New York, N. Y. Adjustable separator. 2,195,618; Apr. 2.
Crites, Joe, Evanston, Ill., assignor to Combustion Engineering Company, Inc., New York, N. Y. Grinding process and apparatus. 2,200,822; May 14.
Crites, Wilbur J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Reducing stresses in oil well pumping equipment. 2,204,725; June 18.
Crites, Wilbur J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Thermally controlled bottom hole choke. 2,213,950; Sept. 10.
Crittall Manufacturing Company, The. (See Walker, Frederick P., assignor.)
Crittenden, Butler P., Shreveport, La., assignor, by mesne assignments, to Arkansas Fuel Oil Company. Cracking hydraulic oils. 2,210,901; Aug. 13.
Crittenden, Eugene D., Syracuse, assignor to The Solvay Process Company, New York, N. Y. Production of sulphonation derivatives. 2,195,145; Mar. 26.
Crittenden, Eugene D., Syracuse, assignor, by mesne assignors, to The Solvay Process Company, New York, N. Y. Catalyst and its production. 2,197,707; Apr. 16.
Croce, Angelo, Welby, assignor of forty-nine per cent to J. F. Heffner, Denver, Colo. Planter. 2,201,556; May 21.
Crockard, Frank H., Birmingham, Ala. Blast furnace charging. 2,194,971; Mar. 26.
Crocker, Alan E. (See O'Halloran, J. P., and Crocker.)
Crocker, Carl G., G. K. Crosby, and R. R. Clappier, Huntington, W. Va., assignors to The International Nickel Company, Inc., New York, N. Y. Producing colored oxide coatings on nickel and nickel alloys. 2,206,392; July 2.
Crocker, Ernest C., Belmont, Mass., assignor, by mesne assignments, to The Lane Company, Inc. Hardware for cedar chests and the like. 2,188,707; Jan. 30.
Crocker, Ernest C., Belmont, assignor to Arthur D. Little, Incorporated, Cambridge, Mass. Stabilizing fats and oils and resulting product. 2,205,620; June 25.
Crocker, Harrison G. (See Gardner, G., and Crocker.)
Crocker, Thomas F., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,200,593; May 14.
Crockett, Guy S., Moreland Hills, Ohio. Steering device. 2,204,070; June 11.
Crockett, Guy S., Moreland Hills, Ohio. Safety steering wheel. 2,210,232; Aug. 6.
Crockett, Harry L., New Haven, Conn., assignor, by mesne assignments, to Western Cartridge Company. Safety mechanism for firearms. 2,191,521; Feb. 27.
Crockford, Joseph R., assignor to Metallic Pad Corporation, New York, N. Y. Padding. 2,187,343; Jan. 16.
Crockwell, Douglass, Glens Falls, N. Y. Producing animated pictures. 2,206,765; July 2.
Croco, Charles P., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Tension control system. 2,185,836; Jan. 2.
Croden, William T., Rice, Calif. Control system. Re. 21,407; Mar. 26.
Croft, Cyril M., Cumberland, Md., assignor to Celanese Corporation of America. Fabric and making same. 2,185,627; Jan. 2.
Croft, Cyril M., Cumberland, Md., assignor to Celanese Corporation of America. Textile material and making same. 2,200,383; May 14.
Croft, George M., Vandergrift, assignor to Blaw-Knox Company, Blawnox, Pa. Soaking pit cover. 2,189,280; Feb. 6.
Croft, William H. (See Coleman, Gilbert R., assignor.)
Cromaine Crafts. (See Gallinger, Milo O.)
Cromartie, George G. (See Slack, C. M., and Cromartie.)
Cromonic, Joseph, Brooklyn, N. Y. Taper feeding hair clipper comb. 2,187,599; Jan. 16.
Crompton, George, Jr., Worcester, Mass. Shuttle driving mechanism for looms. 2,202,574; May 28.
Crompton, George, Jr., assignor to Norton Company, Worcester, Mass. Grinding machine. 2,185,837; Jan. 2.
Crompton, George, Jr., and T. H. Nye, assignors to Norton Company, Worcester, Mass. Honing machine. 2,194,821; Mar. 26.

Crompton & Knowles Jacquard & Supply Company. (See Foster, Herbert V., assignor.)
Crompton & Knowles Loom Works. (See Bergstrom, Carl P., assignor.)
Crompton & Knowles Loom Works. (See Brown, Clyde E., assignor.)
Crompton & Knowles Loom Works. (See Buffington, George A., assignor.)
Crompton & Knowles Loom Works. (See Cederlund, Albert, assignor.)
Crompton & Knowles Loom Works. (See Darwin, Clifford, assignor.)
Crompton & Knowles Loom Works. (See Holmes, Elbridge R., assignor.)
Crompton & Knowles Loom Works. (See Jennings, Victor H., assignor.)
Crompton & Knowles Loom Works. (See Patrick, Joseph M., assignor.)
Crompton & Knowles Loom Works. (See Payne, Oscar V., assignor.)
Crompton & Knowles Loom Works. (See Turner, Richard G., assignor.)
Crompton & Knowles Loom Works. (See Wattie, William M., assignor.)
Crompton Parkinson Limited. (See Freedman, Paul, assignor.)
Cromwell, Jack H., Merchantville, and S. R. Merley, Riverton, assignors to Power Patents Company, Hillside, N. J. Sulphonation products and manufacture. 2,220,678; Nov. 5.
Cronauer, Clarence, Wilkes-Barre, Pa. Mailing envelope. 2,212,587; Aug. 27.
Cronk, George W., East Orange, N. J., assignor to Ransome Concrete Machinery Co. Discharge means for concrete mixers. 2,219,863; Oct. 29.
Cronk, George W., East Orange, N. J., assignor to Ransome Concrete Machinery Co. Concrete handling apparatus. 2,227,067; Dec. 31.
Cronkhite, Dean E., and C. E. Lewis, Indianapolis, Ind. Local heated washing machine and the like. 2,215,604; Sept. 24.
Cronkhite, John T., Wichita, Kans. Automatic shutoff valve. 2,210,751; Aug. 6.
Crook, Howard L., W. H. George, and W. H. Kleinsmith, Jackson, Miss. Valve keeper remover. 2,213,102; Aug. 27.
Crook, Louis H., assignor to The Second National Bank of Washington, Washington, D. C., trustee. System and method for sending pictures over telephone lines. 2,222,606; Nov. 26.
Crook Paper Box Company. (See Crook, William V., assignor.)
Crook, Richard H., trustee. (See Wallace, Archibald L., assignor.)
Crook, William V., Kansas City, assignor to Crook Paper Box Company, North Kansas City, Mo. Bottle display carrier. 2,225,822; Dec. 24.
Crooke, Raymond E., Great Neck, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Recording mechanism. 2,224,182; Dec. 10.
Crooks, Charles L., Pueblo, Colo. Automobile door lock. 2,224,671; Dec. 10.
Crooks, Fuller A. (See Hirschler, H. L., Crooks, and Richter.)
Crosbie, Francis L. (See Ross, J. W., and Crosbie.)
Crosby, Gorham K. (See Crocker, C. G., Crosby, and Clappier.)
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Phase modulation receiver. 2,192,684; Mar. 5.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Feedback phase modulation receiver. 2,197,518; Apr. 16.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Back-to-back receiver. 2,204,342; June 11.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Three electrode crystal phase modulation receiver. 2,204,574; June 18.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Phase modulation receiver. 2,204,575; June 18.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Crystal filter. 2,205,847; June 25.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Phase modulation receiver and automatic frequency control. 2,207,691; July 9.
Crosby, Percy L., McLean, Va. Armored helmet. 2,197,174; Apr. 16.
Crosby, Ralph H. (See de Ridder, G. F., and Crosby, assignors.)
Crosby Steam Gage & Valve Company. (See Smith, Norman J., assignor.)
Crosfield, Joseph & Sons Limited. (See Furness, R., and Wheaton, assignors.)
Crosiar, Glenn F., Chicago, Ill. Oil burner. 2,219,917; Oct. 29.
Crosley Corporation, The. (See Bussard, Emmery J. H., assignor.)
Crosley Corporation, The. (See Cochran, John E., assignor.)
Crosley Corporation, The. (See Crosley, Powel, Jr., assignor.)
Crosley Corporation, The. (See Daugherty, R. M., and Myers, assignors.)
Crosley Corporation, The. (See Freeman, Robert L., assignor.)
Crosley Corporation, The. (See Kaestner, Thankmar W., assignor.)
Crosley Corporation, The. (See Manning, D. C., and Depweg, assignors.)
Crosley Corporation, The. (See Money, Roland H., assignor.)
Crosley Corporation, The. (See Money, R. H., and Jones, assignors.)
Crosley Corporation, The. (See Myers, William H., assignor.)
Crosley Corporation, The. (See Silver, John F., assignor.)
Crosley Corporation, The. (See Tyzzer, Howard J., assignor.)
Crosley, Powel, Jr., assignor to The Crosley Corporation, Cincinnati, Ohio. Air conditioning device. 2,194,497; Mar. 26.
Crosman, Loring P., Maplewood, assignor to Monroe Calculating Machine Company, Orange, N. J. Printing tabulator. 2,209,512; July 30.
Crosno, Charles R., Albuquerque, N. Mex. Pressure catch. 2,206,346; July 2.
Cross, Bert S., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Sheeted cellulosic material and abrasive article and making the same. 2,226,553; Dec. 31.
Cross, Bertram J., Grand View, assignor to Combustion Engineering Company, Inc., New York, N. Y. Control for fuel feeding apparatus. 2,226,923; Dec. 31.
Cross, Earl I., Taylor, N. Y. Plant marker. 2,209,873; July 30.
Cross, Lester L., assignor to Brockway Motor Company, Inc., Cortland, N. Y. Vehicle door operating gear. 2,198,572; Apr. 23.
Cross, George C. (See Dinsmore, D. J., and Cross.)
Cross, Robert P., Jr., Hollywood, and A. N. Ogden, Downers Grove, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Manufacture of magnetic materials. 2,200,491: May 14.
Cross, Roland C., Combe Down, England. Piston. 2,203,455; June 4.
Cross, Thomas, Jr. (See Fulton, S. C., and Cross.)
Cross, Thomas J., Fort Worth, Tex. Therapeutical heating device. 2,192,768; Mar. 5.
Cross, Walter M., Jr., Kansas City, Mo. Washing coal. 2,205,942; June 25.
Cross, William D., et al. (See Jordan, Cedric R., Sr., assignor.)
Crosse and Blackwell Limited. (See Clayton, William, assignor.)
Crosse & Blackwell Limited. (See Clayton, W., Back, Mores, and Johnson, assignors.)
Crosse and Blackwell Limited. (See Clayton, W., and Dean, assignors.)
Crosse & Blackwell Limited. (See Clayton, W., Johnson, and Sumner, assignors.)
Crosse & Blackwell Limited. (See Sumner, Cyril G., assignor.)
Crosse & Blackwell Limited. (See Sumner, C. G., Johnson, and Clayton, assignors.)
Crosse, Margaret. (See Moon, Alexandra, assignor.)
Crosser, David H., Chicago, Ill., assignor to National Tinsel Mfg. Co., Manitowoc, Wis. Ornament. 2,186,327; Jan. 9.
Crosser, David H., Chicago, Ill., assignor to National Tinsel Manufacturing Company, Manitowoc, Wis. Ornament. 2,197,577; Apr. 16.
Crossett Chemical Company. (See Chesley, Kenneth G., assignor.)
Crossley, Alfred, assignor to Belden Manufacturing Company, Chicago, Ill. Electrical apparatus. 2,222,406; Nov. 19.
Crossley, Frank S. (See Hartung, W. H., and Crossley.)
Crossley, Moses L., Plainfield, R. H. Kienle, Bound Brook, and G. L. Royer, Somerville, N. J., assignors, by mesne assignments, to American Cyanamid Company, New York, N. Y. Colloidized vat dyes. Re. 21,402; Mar. 19.
Crossley, Moses L., Plainfield, R. H. Kienle, and C. A. Amick, Bound Brook, N. J., assignors, by mesne assignments, to American Cyanamid Company, New York, N. Y. Product for printing textile yarns and fabrics. 2,196,958; Apr. 9.
Crossley, Moses L., Plainfield, and L. M. Shafer, Upper Montclair, N. J., assignors, by mesne assignments, to American Cyanamid Company, New York, N. Y. Metallized acid polyazo dyes. 2,213,647; Sept. 3.
Crossley, Moses L., Plainfield, and L. M. Shafer, Upper Montclair, N. J., assignors to American Cyanamid Company, New York, N. Y. Metallized acid polyazo dyes. 2,220,396; Nov. 5.
Crossley, Moses L., Plainfield, and L. M. Shafer, Upper Montclair, N. J., assignors to American Cyanamid Company, New York, N. Y. Metallized acid polyazo dyes. 2,220,397; Nov. 5.
Crossley, Royal E., Fayetteville, assignor to Crouse-Hinds Company, Syracuse, N. Y. Floodlight. 2,193,272; Mar. 12.
Crossman, Fred, Shaker Heights, and E. A. Southam, assignors to The Lindsay Wire Weaving Company, Cleveland, Ohio. Seam for woven wire fabric and making the same. 2,219,588; Oct. 29.

Crossman, Theodore C., Wilkinsburg, assignor to The American Brake Company, Swissvale, Pa. Brake rigging. Re. 21,671; Dec. 24.
Crossman, Theodore C., Wilkinsburg, assignor to The American Brake Company, Swissvale, Pa. Brake rigging. 2,199,128; Apr. 30.
Crosthwait, David N., Jr. (See Dunham, C. A., and Crosthwait.)
Crosthwait, David N., Jr., Marshalltown, Iowa, and E. G. Powell, Michigan City, Ind., assignors to C. A. Dunham Company, Marshalltown, Iowa. Heat balancer. 2,185,500; Jan. 2.
Crosti, Pietro, Milan, Italy. Feed-water heater for boilers, particularly adapted for locomotives. 2,200,492; May 14.
Crothers, Paul F., assignor to Trier Bros. Limited, London, England. Discharge apparatus for fluids and semi-fluid substances. 2,196,959; Apr. 9.
Crouch, Garland N., Oklahoma City, Okla. Air cooler. 2,207,313; July 9.
Crouch, Richard H., assignor to Automatic Machinery Corporation, Pulaski, Va. Attachment for ripsaws. 2,216,721; Oct. 8.
Crouse, Charles D., and J. F. Marshall, West Alexandria, Ohio, assignors to Porcelain Strip Mills, Inc. Method and apparatus for reclaiming sheet metal. 2,189,578; Feb. 6.
Crouse-Hinds Company. (See Bissell, Carl H., assignor.)
Crouse-Hinds Company. (See Blood, Robert A., assignor.)
Crouse-Hinds Company. (See Crossley, Royal E., assignor.)
Crouse-Hinds Company. (See Hardage, Clarence A., assignor.)
Crouse-Hinds Company. (See White, Walter O., assignor.)
Crouse, J. Robert. (See Gallinger, Milo O., assignor.)
Crousse, Louis. (See Gadoux, E., and Crousse.)
Crowder, Helen I., Bakersfield, Calif. Road building apparatus. 2,192,027; Feb. 27.
Crowe, Francis T., Boulder City, Nev. Concrete bucket. 2,202,284; May 28.
Crowe, John J., Westfield, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Variable-speed torch carriage. 2,208,211; July 16.
Crowe, John J., Westfield, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Variable-speed torch carriage. 2,208,212; July 16.
Crowe Name Plate & Manufacturing Co. (See Benton, Harold Z., assignor.)
Crowe, John J., Westfield, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Gas supply system. 2,221,077; Nov. 12.
Crowell, Joyce H. (See Foster, H. B., and Crowell.)
Crowell, Joyce H., Orchard Park, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Manufacture of maleic anhydride. 2,222,283; Nov. 19.
Crowell, Orby B., assignor to Viceroy Manufacturing Company Limited, Toronto, Ontario, Canada. Making a matrix. 2,218,351; Oct. 15.
Crowell, Orby B., and F. A. McGregor, Toronto, Ontario, Canada, assignors to General Electric Company. Coating process. 2,196,060; Apr. 2.
Crowley, Daniel J., Lowell, Mass. Method of and apparatus for impregnating fibrous materials. 2,193,861; Mar. 19.
Crowley, Daniel J., Grosse Pointe, Mich. Combined lamp and radio receiving set. 2,218,327; Oct. 15.
Crowley, Daniel J., Grosse Pointe, Mich. Combined lamp and radio receiving set. 2,225,823; Dec. 24.
Crowell, Erd V., Glendale, Calif. Apparatus and method for cementing wells. 2,223,442; Dec. 3.
Crowley, John A., Jr. (See Simpson, T. P., Payne, and Crowley.)
Crowley, John A., Jr. (See Simpson, T. P., Payne, Crowley, and Teitsworth.)
Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Valve stem. 2,189,485; Feb. 6.
Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Relief valve. 2,190,352; Feb. 13.
Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Valve. 2,197,995; Apr. 23.
Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Fastening device and making same. 2,206,881; July 9.
Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Valve stem. 2,208,961; July 23.
Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Valve stem. 2,210,112; Aug. 6.
Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Oiler. 2,211,595; Aug. 13.
Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Air bag stem. 2,218,639; Oct. 22.
Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Lock nut. 2,222,460; Nov. 19.
Crowley, Joseph P., Toledo, Ohio. Pneumatic safety tire. 2,200,916; May 14.
Crowley, Thomas R., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for tempering glass. 2,188,401; Jan. 30.
Crown Can Company. (See Bourland, Eli, assignor.)
Crown Can Company. (See Darling, Frank L., assignor.)
Crown Can Company. (See McManus, Charles E., assignor.)
Crown Can Company. (See McManus, C. E., Stewart, and Goebel, assignors.)
Crown Can Company. (See Sebell, Harry, assignor.)
Crown Can Company. (See Weisenburg, A., and Augustyniak, assignors.)
Crown Construction Corp. (See Klarfeld, Edward, assignor.)
Crown Cork & Seal Company. (See Austin, Harry M., assignor.)
Crown Cork & Seal Company. (See Austin, H. M., and Muir, assignors.)
Crown Cork & Seal Company. (See Cornelius, Anders E. A. S., assignor.)
Crown Cork & Seal Company. (See Duham, Frederick W., assignor.)
Crown Cork & Seal Company. (See Goebel, G., and Chantland, assignors.)
Crown Cork & Seal Company. (See Goebel, G., and Wilckens, assignors.)
Crown Cork & Seal Company. (See Lloyd, Frank L., assignor.)
Crown Cork & Seal Company. (See McManus, C. E., and Goebel, assignors.)
Crown Cork & Seal Company. (See Newton, George W., assignor.)
Crown Cork & Seal Company. (See Olt, Leonard F., assignor.)
Crown Cork & Seal Company. (See Pearson, Thomas F., assignor.)
Crown Cork & Seal Company. (See Pearson, T. F., and Prest, assignors.)
Crown Cork and Seal Company. (See Rendall, William S., assignor.)
Crown Cork & Seal Company. (See Salskov-Iversen, Niels R., assignor.)
Crown Cork & Seal Company. (See Schmidt, C. F., Jr., and Ball, assignors.)
Crown Cork & Seal Company. (See Schon, Matthew, assignor.)
Crown Cork & Seal Company. (See Sinz, Lawrence P., assignor.)
Crown Cork & Seal Company. (See Stewart, Robert J., assignor.)
Crown Cork & Seal Company. (See Stewart, R. J., and Gladfelter, assignors.)
Crown Cork & Seal Company. (See Stewart, R. J., and Rever, assignors.)
Crown Cork & Seal Company. (See Stone, David B., assignor.)
Crown Cork & Seal Company. (See Vinson, William, assignor.)
Crown Cork & Seal Company. (See Winder, Samuel E., assignor.)
Crown Fastener Corporation. (See Lewis, John C., assignor.)
Crown Manufacturing Co. (See Maescher, Albert, assignor.)
Crown Paper Company. (See Bishop, George D., assignor.)
Crown Stove Works. (See Rogers, John C., assignor.)
Crown Stove Works. (See Rogers, Walter F., assignor.)
Crown Stove Works. (See Sickinger, William H., assignor.)
Crown Zellerbach Corporation. (See West, Wilfred H., assignor.)
Crown Zellerbach Corporation. (See White, William J., assignor.)
Croxton, Frank C. (See Brown, A. B., Croxton, & Ginsberg.)
Croy, Frank E. (See Cannon, E. F., and Croy.)
Croy, Howard D., Marshall, Mich. Chair. 2,190,401; Feb. 13.
Croy, Leo E. (See Anthony, P. L., and Croy.)
Crucible Steel Company of America. (See Payson, Peter, assignor.)
Cruickshank, Lewis, et al. (See Goodwin, Norris, assignor.)
Crull, Henry, Huntington, Ind. Electric water pump. 2,226,461; Dec. 24.
Crum, Emma W., Poughkeepsie, N. Y. Supporting device. 2,216,876; Oct. 8.
Crum, Hollis B. (See Harrison, J. F., and Crum.)
Crum, Roland R., Whittier, Calif. Roller cutter. 2,216,938; Oct. 8.
Crumley, Emerson U., Muskegon, Mich. Air brush. 2,187,195; Jan. 16.
Crump, Charles O., assignor to C. P. Daniel, Bristol, Va. Convertible end dump and rotary dump mine car. 2,225,555; Dec. 17.
Crumrine, Chester W. (See Petz, J. L., Crumrine, and Dodge.)
Crupi, Frank J., assignor to Behr-Manning Corporation, Troy, N. Y. Preserving coated abrasives. 2,209,715; July 30.
Crupi, Frank J., assignor to Behr-Manning Corporation, Troy, N. Y. Preserving coated abrasives. 2,209,716; July 30.

Csanyi, Henry, Jamaica, assignor of one-half to H. F. Wanvig, New York, N. Y. Apparatus for treating metal. 2,212,588; Aug. 27.
Crystal Ice and Cold Storage Company. (See Carstensen, A. R., and Davis, assignors.)
Cubbon, Joseph, Pleasantville, Pa. Scavenger barrel for pumping oil wells. 2,222,897; Nov. 26.
Cube Steak Machine Company. (See Spang, Joseph P., assignor.)
Cubert, Joseph R. (See Huth, W. H., and Cubert.)
Cubitt, Roger H. (See Williams, A. L., Thompson, and Cubitt.)
Cuddigan, Bartholomew O., Wadena, and B. J. Mondloch, St. Martin, assignors of one-sixth to said Cuddigan, one-sixth to said Mondlock, one-sixth to J. Schaefer, St. Cloud, one-fourth to J. E. Murphy, Minneapolis, and one-fourth to A. J. Zachman, Robinsdale, Minn. Cultivator. 2,205,188; June 18.
Cudemo, Frank V., New Brunswick, N. J. Sputum cup. 2,205,813; June 25.
Cudmore, Herbert H. (See Shively, J. J., and Cudmore.)
Cudney, Gordon W. (See Schanck, W. D., and Cudney.)
Cuenod, Bernard, assignor to the firm Societe d'etudes et applications industrielles, Lausanne, Switzerland. Treatment of milk or milk products for the permanent distribution therein of vitamins. 2,197,095; Apr. 16.
Culbertson, Denver C., Glezen, Ind. Shade and curtain hanger. 2,198,280; Apr. 23.
Culbertson, Frank E., Uniontown, Kans. Animal trap. 2,201,307; May 21.
Culbertson, George A., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Signaling system. 2,216,610; Oct. 1.
Culbertson, Harlow W. (See Irwin, R. R., and Culbertson.)
Culbertson, Joe W., West Hollywood, Calif., assignor to Technical Oil Tool Corporation, Ltd. Angle marker for inclination recording apparatus. 2,189,560; Feb. 6.
Cull, William, assignor to Scott Motors (Saltaire) Limited, Shipley, England. Scavenging of the cylinders of two-stroke-cycle internal combustion engines. 2,189,357; Feb. 6.
Cull, William, assignor to Scott Motors (Saltaire) Limited, Shipley, England. Petrol supply pumping mechanism for internal combustion engines. 2,223,675; Dec. 3.
Cullen, Arthur E., assignor to R. C. Can Company, St. Louis, Mo. Container closure. 2,212,898; Aug. 27.
Cullen, Arthur V., Jamaica Plain, Mass. Device for applying fastening means. 2,212,339; Aug. 20.
Cullen, Daniel G., Detroit, Mich., assignor to Steiner Sales Company, Chicago, Ill. Roller towel cabinet construction. 2,199,742; May 7.
Cullen, Edward V., and E. J. Shaughnessy, assignors to Cullen-Friestedt Company, Chicago, Ill. Sheet lifter. 2,198,652; Apr. 30.
Cullen, Francis H., Philadelphia, Pa. Smoke purifier for tobacco smoking articles. 2,190,312; Feb. 13.
Cullen-Friestedt Company. (See Cullen, E. V., and Shaughnessy, assignors.)
Cullen-Friestedt Company. (See Shaughnessy, Erard J., assignor.)
Cullen-Friestedt Company. (See Tupy, Charles J., assignor.)
Cullen, Harry E., and H. O. Ronning, Minneapolis, assignors to Waldorf Paper Products Company, St. Paul, Minn. Feed device. 2,224,426; Dec. 10.
Cullen, James J., Cheyenne, Wyo. Orthoptic instrument. 2,194,355; Mar. 19.
Culligan-Weinhagen Company. (See Lathrop, Verne, assignor.)
Cullman, Philipp A., New York, N. Y., assignor, by mesne assignments, to Lenslite Co. Inc. Lighting sewing machines and the like. 2,208,522; July 16.
Cullman, Philipp A., New York, N. Y., assignor by mesne assignments, to Lenslite Co. Inc. Sighting means for suction cleaners. 2,208,523; July 16.
Cullom, George A. (See Dorrington, N. E., and Cullom.)
Cullomer, Frank J., and V. Emanuel, Chicago, Ill. Toaster. 2,193,582; Mar. 12.
Culmer, Harry H., assignor of one-tenth to M. S. Miller, Chicago, Ill. Continuous amalgamator. 2,190,632; Feb. 13.
Culp, John W., Mishawaka, Ind. Amusement device. 2,195,718; Apr. 2.
Culp, Lewis C., Eugene, Oreg. Retaining device. 2,201,081; May 14.
Culver, Edwin S., Oakland, assignor to Oliver United Filters Incorporated, San Francisco, Calif. Locking device. 2,204,928; June 18.
Culver, Howard P., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Coating apparatus. 2,213,206; Sept. 3.
Culver, John F., Cedar Grove, N. J. Shower curtain rod. 2,199,851; May 7.
Cumberland Case Company. (See McKenney, Fred Y., assignor.)
Cumbus, John W., Beverly Hills, and F. D. Truss, Los Angeles, Calif. Hydraulic clutch. 2,195,619; Apr. 2.
Cumfer, Donald A., Ridgewood, N. J., assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Silent chain. 2,223,314; Nov. 26.
Cumfer, Donald A., Oak Park, assignor to United States Gypsum Company, Chicago, Ill. Air-cell pipe covering and forming the same. 2,224,810; Dec. 10.

Cumlockt Company. (See Gruenberg, R. J., and Formway, assignors.)
Cummer, F. D., & Son Company, The. (See Bollard, Arthur W., assignor.)
Cummer Sons Cypress Company. (See Berkstresser, Charles S., assignor.)
Cumming, Laurence G., Boston, Mass., assignor of one-half to E. C. Mayo, Providence, R. I. Radio call box system. 2,214,101; Sept. 10.
Cumming, Laurence G., Boston, Mass., assignor of one-half to E. C. Mayo, Providence, R. I. Antenna system. 2,214,102; Sept. 10.
Cummings, Ben H. (See Thomas, S. B., and Cummings.)
Cummings, Bernard E., Orlando, Fla. Lathe. 2,188,832; Jan. 30.
Cummings, Charles A., Worcester, Mass., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,206,009; June 25.
Cummings, George C., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ground potential compensator. 2,199,558; May 7.
Cummings, George C., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph transmitting system. 2,224,183; Dec. 10.
Cummings, George K., deceased, Bay Head, Fla., by R. B. Cummings, administrator, Washington, D C. Fly swatter. 2,209,260; July 23.
Cummings, James D., Houston, Tex., assignor to Gardiner Coating Machine Company, Inc. Pipe coating device. 2,194,268; Mar. 19.
Cummings, John S., Brooklyn, assignor to Interchemical Corporation, New York, N. Y. Photographic paper. 2,207,695; July 9.
Cummings, John Q., Albany, N. Y. Switch. 2,213,625; Sept. 3.
Cummings, Leon H., Berlin, Mass. Ironing table. 2,186,194; Jan. 9.
Cummings, Robert B., administrator. (See Cummings, George K.)
Cummins, Robert B., Kokomo, Ind. Short circuiting device. 2,216,068; Sept. 24.
Cummings, Roy W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Wire-feeding mechanism. 2,198,695; Apr. 30.
Cummings, Roy W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Knife sharpening device. 2,209,389; July 30.
Cummings, Roy W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Lasting machine. 2,221,864; Nov. 19.
Cummins, Arthur B., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Article of manufacture and making the same. 2,198,990; Apr. 30.
Cummins, Clessie L., assignor to Oil Engine Development Company, Columbus, Ind. Oil engine. 2,190,015; Feb. 13.
Cummins, Clessie L., assignor to Oil Engine Development Company, Columbus, Ind. Fuel feeding and distributing apparatus for oil burning engines. 2,210,067; Aug. 6.
Cummins, Norman W., Louisville, Ky. Carpet sweeper. 2,216,184. Oct. 1.
Cummins, Norman W., Louisville, Ky. Dustpan mechanism. 2,216,185; Oct. 1.
Cummins Perforator Company. (See Ryan, Joseph F., assignor.)
Cummins, Thomas K., assignor to Northern Malleable Iron Company, St. Paul, Minn. Reversible brake beam strut. 2,194,640; Mar. 26.
Cuneo, Charles, New York, N. Y. Sash lock. 2,213,561; Sept. 3.
Cunning, Robert, Endicott, N. Y. Attachment for sewing machines. 2,198,591; Apr. 30.
Cunning, Thomas G., Upland, assignor to Brogdex Company, Pomona, Calif. Apparatus for rubbing or brushing fruit and the like. 2,199,831; May 7.
Cunningham, Andrew J., Eggertsville, N. Y., and V. Walker, Fort Erie, Ontario, Canada, assignors to A. H. Sharpe, Buffalo, N. Y. Ornamental glassware. 2,203,647; June 4.
Cunningham, Edward M. (See Busse, W. F., and Cunningham.)
Cunningham, Edward N., Cuyahoga Falls, Ohio, assignor to the B. F. Goodrich Company, New York, N. Y. Compounding rubber. 2,199,099; Apr. 30.
Cunningham, George L., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production of chlorites by the reduction of chlorine dioxide. 2,194,194; Mar. 19.
Cunningham, George L., and R. S. Robinson, Niagara Falls, assignors to The Mathieson Alkali Works, New York, N. Y. Stabilized alkali metal alcoholates. 2,185,247; Jan. 2.
Cunningham, Grant, Maspeth, Long Island, N. Y. Rule and straightedge. 2,195,694; Apr. 2.
Cunningham, Harold J., Scotch Plains, N. J., P. E. Groome, Jackson Heights, N. Y., F. H. Hanley, Butler, and K. W. Richards, Packanack Lake, N. J., assignors to American Telephone and Telegraph Company. Communication system. 2,207,314; July 9.
Cunningham, Harry G., Los Angeles, Calif., assignor to Radio Keith Orpheum Corporation. Camera dolly. 2,224,901; Dec. 17.
Cunningham, James D., assignor to Republic Flow Meters Company, Chicago, Ill. Chart mounting for instruments. 2,185,294; Jan. 2.

Cunningham, James M., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Multiplying machine. 2,217,158; Oct. 8.
Cunningham, James M., and R. A. Rowley, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Multiplying machine. 2,195,850; Apr. 2.
Cunningham, John G., Spokane, Wash., deceased; R. H. Damon and The Old National Bank & Union Trust Co., executors. Invalid bed. 2,188,592; Jan. 30.
Cunningham, Lewis L., Milwaukee, Wis., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Combustion control system. 2,197,175; Apr. 16.
Cunningham, Lewis L., assignor to Perfex Corporation, Milwaukee, Wis. Burner control system. 2,198,556; Apr. 23.
Cunningham, Lewis L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Proportioning control system. 2,199,910; May 7.
Cunningham, Lewis L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Pressure controller. 2,203,523; June 4.
Cunningham, Lyman E., Cleveland, Ohio. Sign. 2,196,105; Apr. 2.
Cunningham, Marion M., assignor to Bendix Products Corporation, South Bend, Ind. Brake tester. 2,185,246; Jan. 2.
Cunningham, Noel, East Dundee, assignor to Illinois Iron & Bolt Company, Carpentersville, Ill. Automatic draft control. 2,218,930; Oct. 22.
Cunningham, Ocie, Chicago, Ill., assignor to Miller-Connell Mfg. Co. Tieback. 2,219,253; Oct. 22.
Cunningham, Samuel F., assignor of one-half to Brauer Machine & Supply Company, Oklahoma City, Okla. Controlling well flow. 2,197,685; Apr. 16.
Cunningham, Vincent W., Chicago, Ill. Utensil washing machine. 2,221,442; Nov. 12.
Cunnington, George R., assignor to Woodall Industries Incorporated, Detroit, Mich. Insulation sheet material. 2,192,516; Mar. 5.
Cunnington, George R., assignor to Woodall Industries Incorporated, Detroit, Mich. Composite laminated insulation material. 2,192,517; Mar. 5.
Cunnington, George R., Grosse Pointe Park, assignor to National Automotive Fibres, Inc., Detroit, Mich. Assist strap. 2,206,078; July 2.
Cunnington, George R., Gross Pointe Park, assignor to National Automotive Fibres, Inc., Detroit, Mich. Rubber door trim bottom and wind seal. 2,208,630; July 23.
Cuno, Charles H., assignor to The Cuno Engineering Corporation, Meriden, Conn. Filtering liquid. 2,202,191; May 28.
Cuno Engineering Corporation, The. (See Ashton, Philip E., assignor.)
Cuno Engineering Corporation, The. (See Cuno, Charles H., assignor.)
Cuozzo, Michele, Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Toe stiffener. 2,195,447; Apr. 2.
Cuozzo, Michele, Lynn, Mass., assignor to United Machinery Corporation, Borough of Flemington, N. J. Breast flap molding machine. 2,203,775; June 11.
Cuozzo, Michele, Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Manufacture of shoes having flexible foreparts. 2,216,159; Oct. 1.
Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making aminosulphonic acid. 2,191,754; Feb. 27.
Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphamic acid salts of polymeric amino compounds. 2,201,762; May 21.
Cupery, Martin Eli, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Flameproof composition. 2,212,152; Aug. 20.
Cupit, George W., Jr. (See Merriam, H. F., and Cupit.)
Curioni, Aldo, Katonah, assignor to The Gasolaire Corporation, Mount Kisco, N. Y. Self-contained gas generating plant. 2,201,854; May 21.
Curioni, Aldo, Katonah, assignor to The Gasolaire Corporation, Mount Kisco, N. Y. Gasifying apparatus for fuel oil. 2,201,855; May 21.
Curle, George L., Minneapolis, Minn. Spouting system for type casting machines. 2,186,801; Jan. 9.
Curley, Morton B., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Ventilator. 2,191,341; Feb. 20.
Curley, Robert S., Biddeford, and W. Shaw, Saco, assignor, by mesne assignments, to Saco-Lowell Shops, Biddeford, Maine. Cotton picker. 2,206,297; July 2.
Curnutt, Ora R., Lees Summit, Mo. Display sign. 2,220,478; Nov. 5.
Curran, James J. (See McCarthy, H., and Curran.)
Curran, John, Cardiff, Wales. Annealing and pickling of hollow metal articles. 2,186,856; Jan. 9.
Curran, John, Cardiff, Wales. Heating furnace. 2,222,809; Nov. 26.
Curran, Robert E. (See Nelson, John F. J., assignor.)
Curran, Stanley T., Mountain Lakes, and J. J. Kuhn, Elizabeth, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone set. 2,218,328; Oct. 15.
Curran, Thomas B. (See Balder, J. R., and Curran.)
Curren-Fabrihome Corporation, The. (See Curren, Harold S., assignor.)
Curren, Harold S., Pultneyville, N. Y., assignor to The Curren-Fabrihome Corporation, Francitown, N. H. Door or window framing. 2,223,338; Dec. 3.
Currie, Allan A. (See Arnold, E. E., and Currie.)
Currie, Frank L., Plainfield, N. J., and L. H. Rovere, Brooklyn, assignors to The Western Union Telegraph Company, New York, N. Y. Electrical terminal and switchboard terminal block. 2,224,902; Dec. 17.
Currie, Frank M., Jr., Indianapolis, Ind. Combination street sign and lamp guard. 2,187,771; Jan. 23.
Currie, George B., assignor of one-half to L. E. Brown, Detroit, Mich. Fuse device. 2,186,920; Jan. 9.
Currie, Lauchlin M., Lakewood, and L. K. Merrill, Berea, Ohio, assignors to Carbide and Carbon Chemicals Corporation. Forming plastic sheet stock. 2,196,577; Apr. 9.
Currie, Otis C., assignor to Reynolds Spring Company, Jackson, Mich. Conveyer slat. 2,195,796; Apr. 2.
Currie, Otis C., assignor to Reynolds Spring Company, Jackson, Mich. Conveyer element. 2,211,648; Aug. 13.
Currie, William. (See Indest, Heinz, assignor.)
Currie, William E. (See Gerlach, Richard, assignor.)
Currie, William E. (See Michael, W., and Jaeckh, assignors.)
Currie, William E. (See Pier, M., Kroenig, and Jaeckh, assignors.
Currie, William E. (See Pier, M., and Simon, assignors.)
Currie, William E. (See Vogt, E., and Smeykal, assignors.)
Currie, William E., Flushing, N. Y., assignor to Standard-I. G. Company. Manufacture of hydrocarbon products by hydrogenation of carbon oxides. 2,209,190; July 23.
Currier Neil B., assignor of one-half to L. H. McClintock and one-half to F. L. McClintock, Los Angeles, Calif. Paper dispenser. 2,205,645; June 25.
Currier, Philip M., Ballston Spa, N. Y., assignor to General Electric Company. Limited speed series thyraton motor. 2,193,919; Mar. 19.
Currier, Philip M., Ballston Spa, N. Y., assignor to General Electric Company. Electric valve converting system. 2,223,165; Nov. 26.
Currier, Ulysses G. (See Book, R. H., and Currier.)
Currivan, Francis E., and C. W. Brown, Brattleboro, Vt. Material spreading machine. 2,187,448; Jan. 16.
Curry, Elbert F., Long Island City, N. Y. Device and method for charging siphon bottles. 2,220,146; Nov. 5.
Curry, George J. (See Bryant, Melvin, assignor.)
Curry, J. R., et al. (See Jones, Jack E., assignor.)
Curry, Herman H., Montgomery County, Md. Marine steam condenser arrangement. 2,220,081; Nov. 5.
Curry, Lars S., Ferguson, assignor to Carter Carburetor Corporation, St. Louis, Mo. Constant level chamber. 2,199,538; May 7.
Curry, William G., Springfield, Mass., assignor, by mesne assignments, to A. G. Spalding & Bros. Inc. Athletic implement and making the same. 2,221,421; Nov. 12.
Curtain, Leo P., Cranbury, N. J., assignor of one-third to H. C. Parker, Washington, D. C. Purification of sand. 2,198,527; Apr. 23.
Curtin-Howe Corporation. (See Curtin, Leo P., assignor.)
Curtin, Leo P., Cranbury, N. J., assignor to Curtin-Howe Corporation, New York, N. Y. Finishing ferrous metal surfaces. 2,210,850; Aug. 6.
Curtin, Marion T., Rochester, and L. H. Browne, Pittsford, assignors to Germ-Proof Cap, Inc., Rochester, N. Y. Bottle capping mechanism. 2,213,626; Sept. 3.
Curtis, Albert R., and J. Stechauner, Milwaukee, Wis. Fish holding device. 2,197,206; Apr. 16.
Curtis Anti-Vapor Pumps, Inc. (See Paxton, Dewey M., assignor.)
Curtis, Austen M. (See Barney, H. L., Bjornson, and Curtis.)
Curtis, Austen M. (See Berger, U. S., and Curtis.)
Curtis, Austen M. (See Burton, E. T., and Curtis.)
Curtis, Austen M., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Volume limiter circuit. 2,208,923; July 23.
Curtis Companies Incorporated. (See Harris, P. R., Pinney, and Ramsey.)
Curtis Companies Incorporated. (See Madsen, Sern, assignor.)
Curtis Companies Incorporated. (See Madsen, S., and Mueller, assignors.)
Curtis, Darwin, Winnetka, Ill. Illuminating fixture. 2,198,077; Apr. 23.
Curtis, David, New York, N. Y. Citrates of procaine and their production. 2,193,165; Mar. 12.
Curtis, David, New York, N. Y. Aldonic acid salts of anesthetic bases. 2,208,790; July 23.
Curtis, Edna H., Jr. (See Donnerberg, H., and Curtis.)
Curtis, Franklin E., Willoughby, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Listing mechanism for addressing machines. 2,186,010: Jan. 9.
Curtis, George V., West Springfield, Mass. Window ventilator. 2,197,886; Apr. 23.
Curtis, Harold E., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High frequency network structure. 2,194,543; Mar. 26.

Curtis, Herbert F., Berea, assignor to Henry Furnace & Foundry Company, Cleveland, Ohio. Furnace construction. 2,190,375; Feb. 13.
Curtis, James E., Jackson, Mich., assignor to Cowham Engineering Co., Chicago, Ill. Cement cooler. 2,209,561; July 30.
Curtis, John A., assignor, by mesne assignments, to Dresser Manufacturing Company, Bradford, Pa. Pipe coupling. 2,197,450; Apr. 16.
Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Portable drill rig. 2,217,674; Oct. 15.
Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Pressure fluid motor. 2,224,858; Dec. 17.
Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,224,859; Dec. 17.
Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,224,860; Dec. 17.
Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Pressure fluid motor. 2,224,861; Dec. 17.
Curtis, Kenneth L., deceased, by Trans-Lux Corporation, New York, N. Y. Projection system. Re. 21,387; Mar. 12.
Curtis, Leslie F., Great Neck, N. Y., assignor to Hazeltine Corporation. Remote control receiver. 2,189,310; Feb. 6.
Curtis, Leslie F., Great Neck, N. Y., assignor to Hazeltine Corporation. Band-pass selector system. 2,211,458; Aug. 13.
Curtis, Leslie F., Great Neck, N. Y., assignor to Hazeltine Corporation. Band-pass selector system. 2,216,160; Oct. 1.
Curtis, Leslie F., Great Neck, and J. F. Farrington, Flushing, N. Y., assignors to Hazeltine Corporation. Remote control wave signal receiver. 2,188,498; Jan. 30.
Curtis Manufacturing Company. (See Steedman, Edwin H., assignor.)
Curtis & Marble Machine Company. (See Coolidge, Charles H., assignor.)
Curtis & Marble Machine Company. (See Coolidge, C. H., and Remington, assignors.)
Curtis & Marble Machine Company. (See Marble, George E., assignor.)
Curtis & Marble Machine Company. (See Remington, Leland F., assignor.)
Curtis, Myron S., assignor to Potter & Johnston Machine Company, Pawtucket, R. I. Machine tool. 2,227,407; Dec. 31.
Curtis Publishing Company, The. (See Blaetz, Harry M., assignor.)
Curtis Publishing Company, The. (See Downs, John M., assignor.)
Curtis Publishing Company, The. (See Larney, Edward, assignor.)
Curtis Pump Company. (See Heckert, Frederick W., assignor.)
Curtis, Richard C., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Staggered frequency signal distribution. 2,188,499; Jan. 30.
Curtis, Richard C., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Catalytic carrier system. 2,188,500; Jan. 30.
Curtis, Richard C., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Replacement carrier system. 2,205,469; June 25.
Curtis, Richard C., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Transformer system. 2,209,390; July 30.
Curtis, Roger C., Milford, assignor to Dictaphone Corporation, Bridgeport, Conn. Control system for phonographs. 2,219,030; Oct. 22.
Curtis, Rowland G., assignor to Reeves Steel and Manufacturing Company, Dover, Ohio. Receptacle cover. 2,220,318; Nov. 5.
Curtis, Rowland G., assignor to Reeves Steel and Manufacturing Company, Dover, Ohio. Receptacle cover. 2,220,319; Nov. 5.
Curtis, Walter A., assignor of one-fifth to F. F. Murphy, Aliquippa, Pa. Thread protector. 2,195,530; Apr. 2.
Curtis, Westley F., Beaver Heights, Md. Controlling the timbre of an electrical musical instrument. 2,201,160; May 21.
Curtis, Westley F., Beaver Heights, Md. Electric organ. 2,201,388; May 21.
Curtis, Westley F., Beaver Heights, Md., assignor, by mesne assignments, to Hammond Instrument Company, Chicago, Ill. Production of music. Re. 21,554; Sept. 10.
Curtis, Westley F., Washington, D. C., assignor, by mesne assignments, to Hammond Instrument Company, Chicago, Ill. Electric musical instrument. 2,227,068; Dec. 31.
Curtis, William H., Cleveland, Ohio. Can opener. 2,186,668; Jan. 9.
Curtiss, Arthur N., Collingswood, N. J., and J. Vassos, New Canaan, Conn., assignors to Radio Corporation of America. Meter lighting. 2,223,819; Dec. 3.
Curtiss, Leon F., Garret Park, Md., and A. V. Astin, Washington, D. C. Apparatus for making meteorological observations. 2,216,161; Oct. 1.
Curtiss, William R., assignor to Air Devices Corporation, Meriden, Conn. Automatic light-selector system. 2,187,018; Jan. 16.
Curtiss-Wright Corporation. (See Berlin, Donovan R., assignor.)
Curtiss-Wright Corporation. (See Brady, George W., assignor.)
Curtiss-Wright Corporation. (See Flader, Frederic E., assignor.)
Curtiss-Wright Corporation. (See Flesh, Edward M., assignor.)
Curtiss-Wright Corporation. (See Hathorn, Charles E., assignor.)
Curtiss-Wright Corporation. (See Holland, Raymond P., Jr., assignor.)
Curtiss-Wright Corporation. (See McKee, James H., assignor.)
Curtiss-Wright Corporation. (See Molloy, Eddie, assignor.)
Curtiss-Wright Corporation. (See Morris, Charles W., assignor.)
Curtiss-Wright Corporation. (See Page, George A., Jr., assignor.)
Curtiss-Wright Corporation. (See Palmer, Richard E., assignor.)
Curtiss-Wright Corporation. (See Richardson, Russell, assignor.)
Curtiss-Wright Corporation. (See Trimbach, C. G., and Lemonier, assignors.)
Curtiss-Wright Corporation. (See Tydon, Walter, assignor.)
Curtiss-Wright Corporation. (See Wells, Willis L., assignor.)
Curtiss-Wright Corporation. (See Weymouth, Frederick R., assignor.)
Curtiss-Wright Corporation. (See Woodson, Omer L., assignor.)
Curtiss-Wright Corporation. (See Berlin, Donovan R., assignor.)
Curvilinear Doors & Windows, Inc. (See Seaman, David J., assignor.)
Curzon, John R., assignor to Harris Soap Company, Buffalo, N. Y. Soap composition. 2,193,329; Mar. 12.
Curzon, Thomas, London, assignor to J. Stone & Company, Limited, Deptford, England. Electrical control system. 2,190,402; Feb. 13.
Cushing, Russell E., Wyandotte, Mich., assignor to Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Regulating device. 2,207,658; July 9.
Cushion Filler Company. (See Gates, Renfrew W., assignor.)
Cushman Chuck Company, The. (See Highberg, G. A., and Sloan, assignors.)
Cushman Chuck Company, The. (See Sloan, H. E., and Highberg, assignors.)
Cushman Chuck Company, The. (See Sloan, Harry E., and H. E., Jr., and Highberg, assignors.)
Cushman, Joseph W., Oklahoma City, Okla., assignor, by mesne assignments, to Kactus Company, St. Jo, Tex. Treating petroleum oils. 2,191,372; Feb. 20.
Cushman, Orville E. (See Davis, W. N., Cushman, and Fratis.)
Cushman, Walton W., Webb City, Mo. Rotary engine. 2,203,047; June 4.
Cushman's Sons Inc. (See MacManus, John, assignor.)
Cushnie, Peter, White Plains, assignor to Sperry Products, Inc., Brooklyn, N. Y. Feeding irregular objects to a conveyer. 2,206,766; July 2.
Cusimano, Gregory F. J., Cleveland, Ohio. Flashlight holder. 2,220,220; Nov. 5.
Custenborder, John M., Mackinaw, assignor to S. E. Baughman, Broadwell, Ill. Gearing. 2,190,259; Feb. 13.
Cuthbert, William A. (See Monger, A. L., and Cuthbert.)
Cutler, Andy W., St. Joseph, Mo. Mixing drum. 2,223,443; Dec. 3
Cutler, Fred R., Kansas City, Mo., and C. R. Peters, Salina, Kans., assignors to American Optical Company, Southbridge, Mass. Strap fitting plate. 2,191,105; Feb. 20.
Cutler-Hammer, Inc. (See Brown, Glendon C., assignor.)
Cutler-Hammer, Inc. (See Defandorf, J. L., and Perrine, assignors.)
Cutler-Hammer, Inc. (See Kuhn, Clarence W., assignor.)
Cutler-Hammer, Inc. (See Kuhn, C. W., and Charbonneau, assignors.)
Cutler-Hammer, Inc. (See Laabs, Eric H., assignor.)
Cutler-Hammer, Inc. (See Millermaster, Ralph A., assignor.)
Cutler-Hammer, Inc. (See Harwood, P. B., and Newman, assignors.)
Cutler-Hammer, Inc. (See Hunter, Richard B., assignor.)
Cutler-Hammer, Inc. (See Krieger, Alvin W., assignor.)
Cutler-Hammer, Inc. (See Millermaster, R. A., and Writzmann, assignors.)
Cutler-Hammer, Inc. (See Schmidt, Edwin X., assignor.)
Cutler-Hammer, Inc. (See Seeger, E. W., and Brown.)
Cutler-Hammer, Inc. (See Kuhn, Clarence W., assignor.)
Cutler-Hammer, Inc. (See Stansbury, C., and Stevens, assignors.)
Cutler-Hammer, Inc. (See Kuhn, C. W., and Charbonneau, assignors.)
Cutler-Hammer, Inc. (See Lightfoot, Edwin N., assignor.)
Cutler-Hammer, Inc. (See Meuer, George J., assignor.)
Cutler-Hammer, Inc. (See Millermaster, Ralph A., assignor.)
Cutler-Hammer, Inc. (See Millermaster, R. A., and Writzmann, assignors.)

Cutler-Hammer, Inc. (See Stansbury, Carroll, assignor.)
Cutler-Hammer, Inc. (See Stoekle, E. R., and Simon, assignors.)
Cutler-Hammer, Inc. (See Hunter, Richard B., assignor.)
Cutler-Hammer, Inc. (See Stansbury, Carroll, assignor.)
Cutler, Helen A., et al. (See Stake, Herman, assignor.)
Cutler Mail Chute Co. (See Bridgman, George A., assignor.)
Cutler, Roger W. (See Lewis, Arthur P., assignor.)
Cutter, Fred A., Oakland, and R. K. Cutter, Berkeley, assignors to Cutter Laboratories, Berkeley, Calif. Flask and stopper therefor. 2,190,054; Feb. 13.
Cutter Laboratories. (See Cutter, Fred A. and R. K., assignors.)
Cutter, Robert K. (See Cutter, Fred A. and R. K.)
Cutting, Clark T., assignor to The Lamson Company, Incorporated, Syracuse, N. Y. Stick holder. 2,198,528; Apr. 23.
Cutting, Fulton, Buffalo, H. C. Forbes and H. C. Tittle, Eggertsville, assignors to Colonial Radio Corporation, Buffalo, N. Y. Radio receiving apparatus. 2,186,099; Jan. 9.
Cuvelliez, François, assignor to Société Générale Metallurgique de Hoboken, Hoboken-lez-Anvers, Belgium. Lead alloy. 2,198,932; Apr. 30.
Cyclone Fence Company, The. (See Gustafson, Gustaf A., assignor.)
Cyclone Fence Company, The. (See Harter, Noah S., assignor.)
Cynoske, George J., Middletown, Conn. Cotter pin removing tool. 2,220,317; Nov. 5.
Cypher, Hugh F., assignor of one-half to K. M. Axelrod, Borger, Tex. Casing-head structure. 2,202,192; May 28.
Cyr, Armand, St. Laurent, Quebec, assignor of thirty-five percent to H. Barrette, St. Jerome, Quebec, Canada. Ventilated shoe. 2,195,397; Apr. 2.
Cyr, Benjamin. (See Shipley, S. C., and Cyr.)
Cyr, Benjamin, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motorized burner controller. 2,203,613; June 4.
Cyr, Howard M., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Zinc oxide. 2,200,873; May 14.
Cyr, Rene E., Lewiston, Maine. Noise making device. 2,197,096; Apr. 16.
Czarnecki, Walter, assignor to Eddington Metal Specialty Co., Edington, Pa. Rotary pump or engine. 2,195,812; Apr. 2.
Czarnecki, Walter V., Jr., Eddington, and W. Czarnecki, Cornwells Heights, assignors to Eddington Metal Specialty Co., Eddington, Pa. Double acting sealing means for relatively rotatable parts. 2,201,478; May 21.
Czarnecki, Wesley. (See Czarnecki, Walter V., Jr., and W.)
Czefra, George, Chicago, Ill. Wringer feed. 2,204,302; June 11.
Daalder, Richard. (See Gregg, D., and Daalder.)
Dabney, James B. (See Mobarry, R. G., and Dabney.)
Dabrasky, August, Washington, D. C. Vehicle. 2,199,392; May 7.
Dach, Max, Flushing, N. Y. Cleaner for air tanks. 2,192,769; Mar. 5.
Daehler, John W., Los Angeles, Calif. Lamp. 2,188,623; Jan. 30.
Daehler, John W., Los Angeles, Calif. Lamp. 2,208,154; July 16.
Daehler, John W., Los Angeles, Calif. Lamp. 2,208,155; July 16.
Daesen, John R., Oak Park, Ill. Die casting apparatus and method. 2,195,360; Mar. 26.
Daeves, Karl, and G. Becker, Dusseldorf, and F. Steinberg, Krefeld, Germany. Formation of chromium-containing layers on ferrous surfaces. 2,219,004; Oct. 22.
Daeves, Karl, and G. Becker, Dusseldorf, and F. Steinberg, Krefeld, Germany. Formation of chromium-containing layers on the surface of ferrous articles. 2,219,005; Oct. 22.
Dafnis, Joseph K., Armonk, N. Y. Transfer apparatus for railway cars. 2,197,375; Apr. 16.
Dagdigian, Aram, Reading, Mass., assignor to Shoe Lace Company, Boston, Mass. Shoe and making shoes. 2,202,093; May 28.
Daggett, Clyde C., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer. 2,201,029; May 14.
Daggett, Clyde C., assignor to The De Vilbliss Company, Toledo, Ohio. Valve bearing. 2,223,096; Nov. 26.
Daggett, Warren L., Los Angeles, Calif. Grass cutter and rake. 2,208,880; July 23.
Daggs, Herbert W., Cleveland, Ohio. Automatic time switch. 2,213,459; Sept. 3.
Dahl, James T., Seattle, assignor of twenty-five per cent to W. E. Lovell, Winslow, Wash. Lifeboat launching and releasing device. 2,199,393; May 7.
Dahl, John B., Teaneck, N. J. Water silencer. 2,194,163; Mar. 19.
Dahl, John E., Rockland, Mich. Scraper. 2,192,827; Mar. 5.
Dahl, Oscar, assignor to M. S. Oftedal, doing business as Master Metal Strip Service, Chicago, Ill. Weather strip. 2,202,482; May 28.
Dahl, Otto, and S. D. Osborn, Spokane, Wash. Filter pack and method of and apparatus for making same. 2,203,815; June 11.
Dahl, Otto, Berlin-Friedenau, and F. Pawlek, Berlin-Niederschoneweide, Germany, assignors to General Electric Company. Magnetic properties of ferrous alloys. 2,192,032; Feb. 27.
Dahl, Otto, Berlin-Wilmersdorf, J. Pfaffenberger, Berlin-Lichterfelde, and P. Melchior, Berlin-Halensee, Germany, assignors to General Electric Company. Permanent magnet consisting of iron, nickel, and copper. 2,196,824; Apr. 9.
Dahl, Westley G., Montrose, assignor to T. H. Harrison, Burbank, Calif. Electric heat control means for refrigerators. 2,202,373; May 28.
Dahlberg, Amund B. C., Appelviken, assignor to A. Johnson & Co., Stockholm, Sweden. Constructing bituminous roads and the like. 2,192,284; Mar. 5.
Dahlberg, Carl, Duluth, Minn. Garment cleansing unit. 2,193,804; Mar. 19.
Dahlberg, Carl F. (See Jacobs, H. J., Dahlberg, and Munson, assignors.)
Dahlberg, Ernest W., assignor to J. T. Hardeman Hat Company, Seattle, Wash. Hat. 2,192,341; Mar. 5.
Dahlberg, Tord O. R., assignor to Kooperative Förbundet, Förening u. p. a., Stockholm, Sweden. Calculating machine. 2,195,719; Apr. 2.
Dahlen, Miles A., and S. R. Detrick, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Phthalocyanine pigment. 2,192,704; Mar. 5.
Dahlen, Miles A., and N. M. Bigelow, Wilmington, and F. Zwilgmeyer, Arden, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Insoluble azo dye containing aromatic nucleus of the diphenyl series. 2,193,553; Mar. 12.
Dahlen, Miles A., and F. Zwilgmeyer, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Monazo intermediates. 2,200,949; May 14.
Dahlgren, Harold T. (See Champion, G. H., and Dahlgren.)
Dahlhaus, Heinrich, Wuppertal-Elberfeld, Germany. Envelope. 2,185,401; Jan. 2.
Dahlin, Gustaf, assignor to Lightning Fastener Company, Limited, St. Catharines, Ontario, Canada. Lock slider for slide fasteners. 2,222,529; Nov. 19.
Dähling, Heinz, Berlin-Haselhorst, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electrolytic water decomposer. 2,204,982; June 18.
Dahlman, Adam P., Power, Mont. Agriculture implement. 2,225,258; Dec. 17.
Dahlman, Eben D., Grandy, Minn. Machine for making link rods. 2,217,333; Oct. 8.
Dahlquist, Ernest L., Auburn, Iowa. Holder for screws. 2,191,010; Feb. 20.
Dahlstrand, Hans P., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Nozzle chest attachment. 2,218,788; Oct. 22.
Dahlstrom, Arvid, assignor to J. E. Johnson, Chicago, Ill. Visible coin slide structure. 2,204,845; June 18.
Dahlstrom, Arvid, assignor to J. E. Johnson, Chicago, Ill. Dispensing apparatus. 2,227,069; Dec. 31.
Dahlstrom, Eric P., assignor to The Carborundum Company, Niagara Falls, N. Y. Wide abrasive belt. 2,209,074; July 23.
Dahlstrom, Eric P., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive belt. 2,215,210; Sept. 17.
Dahlström, Ernst R., Alsten, and C. G. B. Rothelius, assignors to Aktiebolaget Formator, Stockholm, Sweden, Device for disintegrating and separating tobacco mass. 2,208,896; July 23.
Dahlstrom, Harry, Chicago, Ill. Dirigible lamp. 2,226,053; Dec. 24.
Dahnert, Kurt. (See Bendorff, K., Bieber, and Dahnert.)
Daigle, Earl C., Beaumont, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Asphaltic product and producing same. 2,203,081; June 4.
Daiger, George P., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,188,390; Jan. 30.
Daiger, William H. (See Madson, W. H., and Daiger.)
Dailey, Clarence O., and P. P. Metz, Seattle, Wash. Spraying machine. 2,199,151; Apr. 30.
Dailey, Manvel C. (See King, G. D., and Dailey.)
Dailey, Timothy J., Rochester, N. Y. Tail gate operating mechanism for dump trucks. 2,213,385; Sept. 3.
Daily, Floyd H., Nora Springs, Iowa. Clamp for connecting an insulator to a post. 2,222,810; Nov. 26.
Daily, Robert A. (See Birt, H. B., Pritchard, and Daily.)
Daily, Robert A. (See Pritchard, W. C., and Daily.)
Daily, William J. (See Schillace, A., and Daily.)
Daimler-Benz Aktiengesellschaft. (See Balz, Max, assignor.)
Daimler-Benz Aktiengesellschaft. (See Berger, Arthur, assignor.)
Daimler-Benz Aktiengesellschaft. (See Bokemüller, Alfred, assignor.)
Daimler-Benz Aktiengesellschaft. (See Bokemüller, A., and Schaub, assignors.)
Daimler-Benz Aktiengesellschaft. (See Heess, A., and Scheerer, assignors.)
Daimler-Benz Aktiengesellschaft. (See Nallinger, Fritz, assignor.)

Daimler-Benz Aktiengesellschaft. (See Scheerer, Georg, assignor.)
Daimler-Benz Aktiengesellschaft. (See Scherenberg, Hans, assignor.)
Daimler-Benz Aktiengesellschaft. (See Schwaiger, Karl, assignor.)
Daimler-Benz Aktiengesellschaft. (See Kümmich, Theodor, assignor.)
Daimler, Karl, C. Platz, and F. Bücking, Frankfort-on-the-Main, and J. Rosenbach, Wiesbaden, Germany, assignors to General Aniline & Film Corporation. Agents of capillary action from alkyl-amino-carboxylic acids with tertiary or quaternary bound nitrogen. 2,206,249; July 2.
Dain Manufacturing Company of Iowa. (See McClellan, Marcus E., assignor.)
Dain Manufacturing Company of Iowa. (See Hill, G. B., and Jones, assignors.)
Dain Manufacturing Company of Iowa. (See Jones, F. D., and Hill, assignors.)
Daines, Robert H., Jr., Highland Park, assignor to Endowment Foundation, New Brunswick, N. J. Parasiticide and preparing same. 2,190,702; Feb. 20.
Dainton, Edgar H. (See Logette, A. I., and Dainton.)
Daisley, Robert H., Birmingham, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Valve structure. 2,218,983; Oct. 22.
Daisy Manufacturing Company. (See Lefever, Charles F., assignor.)
Daisy Manufacturing Company. (See McHenry, John J., assignor.)
Dake, Charles W. (See Campbell, D. J., and Dake.)
Dake, Charles W., Grand Haven, Mich. Cylinder cover structure. 2,202,246; May 28.
Dake, Charles W., Grand Haven, Mich. Internal combustion engine piston. 2,202,838; June 4.
Dake, Charles W., Grand Haven, Mich. Telescope sight for rifle firearms. 2,225,037; Dec. 17.
Dake, Charles W., Grand Haven, assignor to Campbell, Wyant and Cannon Foundry Company, Norton Township, Mich. Apparatus for hardening ferrous bodies and the like. 2,186,626; Jan. 9.
Dakin, Frederic A. (See Houghton, Alexis C., assignor.)
Dal Borgo, Antonio. (See Korach, M., and Dal Borgo.)
Dalby, Gaston. (See Hoffman, C., Dalby, and Schweitzer.)
Dale, Clarence R., Beverly Hills, assignor to Dale Service Corporation, Culver City, Calif. Combination plug and dump bailer. 2,189,445; Feb. 6.
Dale, Clarence R., assignor to Dale Service Corporation, Los Angeles, Calif. Apparatus for detecting water intrusion in boreholes. 2,203,720; June 11.
Dale, Clarence R., Beverly Hills, assignor to Dale Service Corporation. Level indicator for use in cementing wells. 2,213,486; Sept. 3.
Dale, David B., Los Angeles, and N. O. Nelson, Sierra Madre, Calif. Counting and measuring dispenser for bottles. 2,209,766; July 30.
Dale, Grover C. (See Mallory, Louis V., assignor.)
Dale, Hubert S., Middle River, assignor to The Glenn L. Martin Company, Baltimore, Md. Aircraft construction. 2,193,554; Mar. 12.
Dale, Irving H., Melrose, Mass., assignor to The Powers Svenska Aktiengesellschaft Gasaccumulator, Stockholm, Sweden. Fuel combustion. 2,212,061; Aug. 20.
Dale, Irving H., Melrose, Mass., assignor to The Powers Regulator Company, Chicago, Ill. System for temperature control. 2,213,083; Aug. 27.
Dale, Julian K., Terre Haute, Ind., and D. P. Langlois, assignors to A. E. Staley Manufacturing Company, Decatur, Ill. Sirup and making same. 2,201,609; May 21.
Dale Service Corporation. (See Dale, Clarence R., assignor.)
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Aminoplast containing amino-ester salts. 2,214,851; Sept. 17.
Dalén, Gustaf, and G. E. Björklund, Lidingo, assignors to Regulator Company, Chicago, Ill. Air conditioning apparatus. 2,213,082; Aug. 27.
Daley, Charles M., Jr., Norwood, Pa. Stepping rule. 2,223,000; Nov. 26.
Daley, Frank J., Schenectady County, N. Y. Antiskid device. 2,195,982; Apr. 2.
Daley, Frank J., Schenectady County, N. Y. Antiskid device. 2,195,983; Apr. 2.
Daley, Frederick M., Shelton, assignor to The Sponge Rubber Products Co., Derby, Conn. Nonabsorbent closed cell powder puff. 2,190,376; Feb. 13.
Daley, Frederick M., Shelton, and L. H. De Wyk, Ansonia, assignors to The Sponge Rubber Products Company, Shelton, Conn. Rubber molding and vulcanizing process. 2,200,262; May 14.
Daley, Gustave J., Stockton, Calif., assignor to Holly Sugar Corporation, Colorado Springs, Colo. Cossette distributing machine. 2,195,448; Apr. 2.
D'Alfonso, Alexander C., Santa Barbara, Calif. Automatic garage door. 2,200,542; May 14.
Dalkin, A., & Co. (See Philipps, Virgil J., assignor.)
Dalkowitz, Godfrey, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Clipping device. 2,212,856; Aug. 27.
Dalkowitz, Godfrey, New York, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Dry shaver. 2,223,205; Nov. 26.
Dalkowitz, Godfrey, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Motor starter. 2,226,697; Dec. 31.
Dall, Albert H., Silverton, and G. W. Binns, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Metal finishing machine. 2,197,538; Apr. 16.
Dall, Albert H., Silverton, and F. Esz, Newtown, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Surface finishing machine. 2,209,307; July 30.
Dall, Edward D., Waukegan, Ill., assignor to W. F. Wright, Cleveland, Ohio. Lock structure for automobile doors. 2,201,644; May 21.
Dall, Edward D., North Chicago, Ill., assignor to W. F. Wright, Cleveland, Ohio. Automobile door locking mechanism. 2,221,181; Nov. 12.
Dallas, James P. (See Stevens, R. L., and Dallas.)
Dallas, William S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Lasting machine. 2,212,512; Apg. 27.
Dalle Molle, Benedict F., Hamilton Field, Calif. Gun sight. 2,213,678; Sept. 3.
Dallenbach, Walter. (See Allerding, A., and Dallenbach.)
Dällenbach, Walter, Berlin-Charlottenburg, assignor to Julius Pintsch Kommanditgesellschaft, Berlin, Germany. Fused joint. 2,194,886; Mar. 26.
Dällenbach, Walter, Berlin-Charlottenburg, assignor to Julius Pintsch Kommanditgesellschaft, Berlin, Germany. Electromagnetic resonator. 2,199,045; Apr. 30.
Dallenbach, Walter, Berlin-Charlottenburg, assignor to Julius Pintsch Kommandit-Gesellschaft, Berlin, Germany. Ultra-high-frequency oscillation apparatus. 2,200,023; May 7.
Dällenbach, Walter, Berlin-Charlottenburg, and W. Kleinsteuber, Berlin-Kopenick, assignors to Julius Pintsch Kommandit-Gesellschaft, Berlin, Germany. Ultra-high-frequency generator. 2,225,259; Dec. 17.
Dalley, Charles J., Maplewood, N. J. Pinking shears. 2,204,071; June 11.
Dalley, Charles J., Maplewood, assignor to The W. H. Compton Shear Company, Newark, N. J. Nut lock for shears and the like. Re. 21,517; July 30.
Dallia, Oscar L., Chicago, Ill. Underlay for floor coverings. 2,225,906; Dec. 24.
Dallin, Edwin B., Arlington Heights, assignor to Submarine Signal Company, Boston, Mass. Sending and receiving circuit. 2,201,943; May 21.
Dally, Roy, assignor, by mesne assignments, to Webster Electric Company, Racine, Wis. Tone arm. 2,187,772; Jan. 23.
Dally, Roy, assignor, by mesne assignments, to Webster Electric Company, Racine, Wis. Sound reproducing apparatus. 2,197,967; Apr. 23.
Dally, Roy, assignor to Webster Electric Company, Racine, Wis. Tone arm. 2,222,552; Nov. 19.
Dalmer, Otto, and K. Heyns, Darmstadt, Germany, assignors to Merck & Co. Inc., Rahway, N. J. Production of ascorbic acid from sorbose. 2,189,778; Feb. 13.
Dalmer, Otto, and K. Heyns, Darmstadt, Germany, assignors to Merck & Co. Inc., Rahway, N. J. Production of keto gulonic acid from sorbose. 2,190,377; Feb. 13.
Dalotel, Maurice A., Deuil, France. Motion picture camera. 2,201,886; May 21.
Dalpayrat, Henri F., assignor to Radio Patents Corporation, New York, N. Y. Inverse feedback circuits. 2,186,195; Jan. 9.
Dalton, Elof E., Forest Park, Ill., assignor to American Can Company, New York, N. Y. Display rack. 2,197,789; Apr. 23.
Dalton, John T., assignor to Golden Belt Manufacturing Company, Inc., Durham, N. C. Attachment for stapling machines. 2,207,912; July 16.
Dalton, John T., assignor to Golden Belt Manufacturing Company, Inc., Durham, N. C. Attachment for stapling machines. 2,207,913; June 16.
Dalton, John T., assignor to Golden Belt Manufacturing Company, Inc., Durham, N. C. Attachment for stapling machines. 2,207,914; July 16.
Dalton, Robert A., Bridgeport, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Ink pad for duplicating machines. 2,197,097; Apr. 16.
Dalton, Robert A., Fairfield, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Top printed stencil and making. 2,201,953; May 21.
Dalton, Schuyler N., Evanston, Ill., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Process and apparatus for making closure sleeves for containers. 2,220,221; Nov. 5.
Dalton, William, Schenectady, N. Y., assignor to General Electric Company. Rotary crane. 2,192,033; Feb. 27.
Dalton, William, Schenectady, N. Y., assignor to General Electric Company. Rail welding machine. 2,212,393; Aug. 20.
Daly, Arthur J. (See Rooney, J. H., Daly, and Lowe.)
Daly, George F., West Orange, N. J., and G. S. Wells, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Card feeding mechanism. 2,195,851; Apr. 2.
Daly, John J. (See Paul, Leon R., assignor.)
Daly, Robert E., Bronxville, and B. Goerg, Scarsdale, assignors, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Heating and air conditioning apparatus. 2,207,052; July 9.

Daly, Robert E., New York, W. R. Zuhlke, Yonkers, and F. C. Reynolds, assignors, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Heating apparatus. 2,212,201; Aug. 20.
Dalzell, Charles B., Little Falls, N. Y., assignor to Cherry-Burrell Corporation, Chicago, Ill. Removable sanitary pipe coupling. 2,192,962; Mar. 12.
Dalzell, Charles B., Little Falls, N. Y., assignor to Cherry-Burrell Corporation, Wilmington, Del. Apparatus and process for irradiating fluids. 2,193,225; Mar. 12.
Dalzell, Charles B., Little Falls, and R. K. Miner, Oriskany Falls, N. Y., assignors to Cherry-Burrell Corporation, Chicago, Ill. Sealing means for rotary shaft openings. 2,190,443; Feb. 13.
Dalzell, Clarence W., Belleville, N. J., assignor to The Union Switch & Signal Company, Swissvale, Pa. Switch control system. 2,195,883; Apr. 2.
Dalzell, Clarence W., Belleville, N. J., assignor to The Union Switch & Signal Company, Swissvale, Pa. Switch control system. 2,195,884; Apr. 2.
Dalzell, Lester E., and R. C. Dalzell, Flint, Mich. Camp stove. 2,214,292; Sept. 10.
Dalzell, Ralph C. (See Dalzell, Lester E., and R. C.)
Daman, Arthur C., Denver, Colo., assignor, by mesne assignments, to Mining Process and Patent Company. Emulsifying means and method. 2,189,779; Feb. 13.
Damascus Steel Products Corporation. (See Nordberg, John L., assignor.)
Damblanc, Louis, Paris, France. Apparatus for observing cinematographic bands. 2,206,476; July 2.
Dame, Charles V., Lanark, Ill. Liquid distributing apparatus. 2,204,751; June 18.
D'Amico, Andre, Rochester, N. Y. Building structure with self-contained raising and lowering mechanism. 2,189,486; Feb. 6.
Damkroger, Harold A., Minneapolis, and J. F. Niggeler, Robbinsdale, assignors to General Metalware Company, Minneapolis, Minn. Container for liquids. 2,198,933; Apr. 30.
Dammann, Karl, Trenton, N. J. Apparatus for use in the manufacture of paper. 2,202,757; May 28.
Damon, James, Middletown, N. Y. Pie plate ring. 2,189,241; Feb. 6.
Damon, Philip E., Ames, Iowa. Fusee flare. 2,185,800, Jan. 2.
Damon, James, Middletown, N. Y. Broiler. 2,199,303; Apr. 30.
Damon, R. Hosken, et al. executors. (See Cunningham, John G.)
Damrow Brothers Company. (See Peters, Norman J., assignor.)
Dana, Arnold G., New Haven, Conn. Back rest for bathtubs. 2,221,297; Nov. 12.
Danback, Willis E., Tiffin, assignor to The Cleveland Quarries Company, Cleveland, Ohio. Grindstone. 2,213,065; Aug. 27.
Dance, William H., Cambridge, Mass. Road sanding machine. 2,190,863; Feb. 20.
Danciger Oil and Refineries, Inc. (See Keeton, Cecil G., assignor.)
Danciger Oil & Refinieries, Inc. (See Levine, Morris, assignor.)
Danel, Pierre F., Grenoble, France. Automatic gate. 2,207,479; July 9.
Danforth, George L., Jr., assignor to Open Hearth Combustion Company, Chicago, Ill. Furnace construction. 2,206,944; July 9.
Danforth, Louis D., Los Angeles, Calif. Amusement apparatus. 2,211,882; Aug. 20.
Dangelmajer, Charles, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Colored pigment. 2,213,546; Sept. 3.
Daniel, Charles E., assignor to The American Crayon Company, Sandusky, Ohio. Crayon. 2,215,902; Sept. 24.
Daniel, Clarence P. (See Crump, Charles O., assignor.)
Daniel, Elias, Los Angeles, Calif. Folding table. 2,226,710; Dec. 31.
Daniel, Friedrich K., Kew Gardens, N. Y. Concentrating and dialyzing waste pulp liquor and the product thereof. 2,201,812; May 21.
Daniel, Henry B., Takoma Park, Md., assignor to Washington Institute of Technology, Inc., Washington, D. C. Model airplane. 2,195,695; Apr. 2.
Daniel, Karl, assignor to Tefi-Apparatebau Dr. Daniel K.-G., Cologne-Sulz, Germany. Duplicating endless band sound carriers. 2,214,406; Sept. 10.
Daniel, Raymond F., Champaign, Ill. Pitcher. 2,186,166; Jan. 9.
Daniel, Royal G., Beverly Hills, Calif. Vulcanizer adapter. 2,185,542; Jan. 2.
Daniel, Royal G., Beverly Hills, Calif. Vulcanizer adapter. 2,185,543; Jan. 2.
Daniel, Walter. (See Mueller-Dunradi, M., and Daniel.)
Daniel, Walter. (See Sandhaas, W., Daniel, and Mühlhausen.)
Daniell, John A., Coventry, England, assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Flexible coupling. 2,212,857; Aug. 27.
Daniels, Arthur. (See Denz, L. J., and Daniels.)
Daniels, Carl U. (See Ducker, R. W., Boydston, McConnell, and Daniels.)
Daniels, Charles D., assignor of one-fourth to R. W. Lidzey, Mountainair, N. Mex. Rotary internal combustion engine. 2,189,728; Feb. 6.
Daniels, Claude H., Wellesley Hills, Mass. Making shoes. 2,191,906; Feb. 27.
Daniels, Claude H., Greenwich, Conn. Foot support. 2,197,996; Apr. 23.
Daniels, Claude H., Wellesley Hills, Mass. Deformable foot support for shoes. 2,206,029; July 2.
Daniels, Eugene O., Toledo, Ohio. Sash lock. 2,194,641; Mar. 26.
Daniels, Fred C. T., Bridgeville, Pa., assignor to Mackintosh-Hemphill Company. Making ferrous alloys. 2,186,328; Jan. 9.
Daniels, Fred C. T., Bridgeville, Pa., assignor to Mackintosh-Hemphill Company. Making gray cast iron. 2,186,329; Jan. 9.
Daniels, Fred C. T., Bridgeville, Pa., assignor to Mackintosh-Hemphill Company. Making rolls. 2,187,415; Jan. 16.
Daniels, Fred C. T., Bridgeville, Pa., assignor to Mackintosh-Hemphill Company. Roll casting. 2,187,416; Jan. 16.
Daniels, Harold C., Woodbury, assignor to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Plural electric conductor. 2,209,152; July 23.
Daniels, Harold C., Woodbury, assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Composite flexible cable for high-tension electrical transmission. 2,225,333; Dec. 17.
Daniels, Harold C., Woodbury, assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. High-tension electrical-transmission cable. 2,225,334; Dec. 17.
Daniels, Harold H. (See Benofsky, R. W., and Daniels.)
Daniels, Joseph, Essen Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Closing or shutting of pipes, channels, or the like. 2,200,416; May 14.
Daniels, Joseph, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Automatic control for water gas plants or the like. 2,207,580; July 9.
Daniels, Lee G., Rockford, Ill. Valve. Re. 21,555; Sept. 10.
Daniels, Lloyd C., New York, N. Y., and E. L. Kropa, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Amidine salts of alkyl naphthalene sulphonic acids. 2,223,935; Dec. 3.
Daniels, Robert M., assignor to Holly Sugar Corporation, Colorado Springs, Colo. Treatment of calcium carbonate materials. 2,194,164; Mar. 19.
Daniels, Theodor, Wevelinghoven, Rhineland, Germany. Manufacture of chocolate coated sweetmeats. 2,213,902; Sept. 3.
Daniels, Troy C., Burlingame, Calif., assignor to Research Corporation, New York, N. Y. Therapeutic agent. 2,192,828; Mar. 5.
Danielsen, Hans P., assignor to Hartmann Trunk Company, Racine, Wis. Shiftable hinge mounting for garment supports. 2,217,105; Oct. 8.
Danielsson, Paul, assignor to Aktiebolaget Gerk. Arehns Mekaniska Verkstad, Stockholm, Sweden. Fish-cleaning machine. 2,204,124; June 11.
Danils, Nils, Goteborg, Sweden. Air filtering apparatus. 2,203,776; June 11.
Da-Nite Products Company. (See Rundberg, Karl L., assignor.)
Dankanyin, Michael, Perth Amboy, N. J. Photograph frame. 2,191,373; Feb. 20.
Danks, John P., et al. (See Campbell, Harry C., assignor.)
Dann, Ernest G., New York, N. Y. Garment construction. Re. 21,624; Nov. 19.
Dann, Paul N., assignor to The Rattan Manufacturing Company, New Haven, Conn. Box connector. 2,200,874; May 14.
Dannehl, Kurt. (See Kotowski, P., and Dannehl.)
Danneman, G. W., & Co. (See Treacy, Robert T., assignor.)
Dannenberg, Kurt, Islington, London, England. High tension fuse. 2,216,661; Oct. 1.
Danner, Edward, Newark, Ohio. Heat insulating glass. 2,193,393; Mar. 12.
Danner, Edward, Newark, Ohio. Method and means for forming glassware. 2,225,369; Dec. 17.
Dannerth, Frederic. (See Ellis, C., and Dannerth.)
Dannheiser, Joseph M., assignor to Es-B-Es-Co., "Ltd.", San Francisco, Calif. Emergency power system. 2,194,822; Mar. 26.
Danser, Lowry S. (See Somers, N. C., and Danser.)
Dansk Crown-Cork Fabrick ved Aage Weybye-Lassen. (See Pedersen, Gunner F. M., assignor.)
Dantry, Americo, Cecil, Pa. Reamer attachment. 2,188,624; Jan. 30.
"Danuvia" Ipari és Kereskedelmi R. T. (See Gebauer, Ferenc, assignor.)
Danvers, Mary E., administratrix. (See Danvers, William K.)
Danvers, William K., deceased; M. E. Danvers, Oklahoma City, Okla., administratrix, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Insulating bushing. 2,195,003; Mar. 26.
Danz, Harry O. (See Pfeffer, H. W., and Danz.)
Danzer, Catherine, et al., executors. (See Lederer, Anton.)

Darash, Nicholas P., assignor to The Warner & Swasey Company, Cleveland, Ohio. Tool holder. 2,211,596; Aug. 13.
Darby, Frank M., Chicago, Ill. Bowling ball. 2,210,528; Aug. 6.
Darby, George M. (See Dorr, J. V. H., Weber, Darby, and Roberts.)
Darby, George M. (See Hubbell, G. E., Scott, and Darby.)
Darby, Howard E. (See Groene, W. F., Kemper, and Darby.)
Darby, J. F. (See Porter, Albert N., assignor.)
Darby, John E. (See Walton, J. M., and Darby.)
Darby, John H., Hillmorton, Rugby, England. Fastening for doors. 2,188,034; Jan. 23.
Darco Corporation. (See Scheffler, George H., assignor.)
Dardess, Richard, Chatham, N. Y. Radio tuning instrumentality. 2,214,659; Sept. 10.
Dargeon, Harold W., New York, N. Y. Fastening device. 2,222,607; Nov. 26.
Darista, Humbert. (See Meier, Konrad, assignor.)
Darke, Leonard, Coventry, England, assignor to General Electric Company. Electric ignition system. 2,221,509; Nov. 12.
Darling & Company. (See Lowry, Thomas K., assignor.)
Darling, Frank L., Hollywood, Calif., assignor to Wagner Electric Corporation, St. Louis, Mo. Hydraulic brake holding apparatus. Re. 21,602; Oct. 22.
Darling, Frank L., Hollywood, Calif., assignor to A. E. Dieterich, Washington, D. C. Hose clamp. 2,205,347; June 18.
Darling, Frank L., Teaneck, N. J., assignor, by mesne assignments, to Crown Can Company, Philadelphia, Pa. Container sealing machine. 2,223,480; Dec. 3.
Darling, Frank L., Teaneck, N. J., assignor, by mesne assignments, to Crown Can Company, Philadelphia, Pa. Container sealing machine. 2,223,481; Dec. 3.
Darling, L. H., et al. (See Darling, Louis H., assignor.)
Darling, Louis H., Vallejo, Calif. Reel. 2,214,661; Sept. 10.
Darling, Louis H., Vallejo, Calif., assignor to R. H. Allen, A. M. Yohner, and P. J. Wallace, general partners, and R. Lagorio, A. Lagorio, R. Tucker, M. Clancy, L. C. Robinson, J. W. Ensign, A. R. Powers, H. Minatel, H. Arbios, E. Bruce, L. H. Darling, and L. Railey, limited partners doing business under the firm name and style of Fol-Gaf Limited, Stockton, Calif. Gaff lock. 2,214,660; Sept. 10.
Darling, Sturgis W., Houston, Tex., assignor, by mesne assignments, to Texaco Development Corporation, New York, N. Y. Treating hydrocarbon oil. 2,194,692; Mar. 26.
Darling, Wendell S., assignor to Union Steel Products Company, Albion, Mich. Structural unit. 2,208,019; July 16.
Darmody, Thomas P., Waterbury, Conn. Individual toothbrush and tooth cleanser service package. 2,223,952; Dec. 3.
Darnell, Mary A., Dayton, Ohio. Structural toy. 2,197,578; Apr. 16.
Darnell, Rex C., Detroit, Mich. assignor, by mesne assignments, to King-Seeley Corporation, Ann Arbor, Mich. Air cleaner. Re. 21,570; Sept. 17.
Darner, Frederic M. (See Black, W. A., and Darner.)
Darner, Frederic M., Shaker Heights, assignor, by mesne assignments, to Republic Steel Corporation, Cleveland, Ohio. Seam guide. 2,196,106; Apr. 2.
Darragh, Florence A. (See Darragh, John K., assignor.)
Darragh, John K., Chicago, Ill., assignor to F. A. Darragh. Self-locking carton. 2,185,544; Jan. 2.
Darrah, William A., Chicago, Ill. Process and equipment for monitoring fluids. 2,194,520; Mar. 26.
Darrah, William A., Chicago, Ill. Equipment for heat treating. 2,223,603; Dec. 3.
Darrall, William G. (See Salvetti, Dante A., assignor.)
Darrieus, Georges, Houilles, France, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Separator. 2,187,646; Jan. 16.
Darrin, Marc, Pittsburgh, Pa., assignor to Mutual Chemical Company of America, New York, N. Y. Manufacture of pigments. 2,209,899; July 30.
Darsey, Van M., and H. J. McVey, assignors to Parker Rust-Proof Company, Detroit, Mich. Cleaning composition and process. 2,208,524; July 16.
Darst, Thomas B., Oakland, Calif. Tool. 2,193,901; Mar. 19.
Dart, William F., Mason, Mich. Refrigerator latch. 2,204,053; June 11.
Dartmouth Co-Operative Society, Inc. (See Keller, Ernst R., assignor.)
Dartnell, William W., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine transport means. 2,206,598; July 2.
Darwin, Clifford, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread control for pneumatic thread extractors. 2,207,089; July 9.
Darwin, Clifford, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Revoking mechanism for weft replenishing looms. 2,219,767; Oct. 29.
Darwin, Clifford, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic tread extractor for looms. 2,219,768; Oct. 29.
Dashefsky, George J., Rockville Centre, N. Y. Mathematical instrument. 2,203,674; June 11.
Dashefsky, George J., Rockville Centre, N. Y. Torsional vibration damper. 2,209,960; Aug. 6.
Dashefsky, George J., Rockville Centre, N. Y. Optical torsiograph. 2,219,298; Oct. 29.
Dasher, Don E., assignor to General Motors Corporation, Dayton, Ohio. Thermostatic apparatus. 2,221,633; Nov. 12.
Dasher, Don E., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,224,219; Dec. 10.
Dashner, George, Peshtigo, Wis. Sand sprayer. 2,211,256; Aug. 13.
Dashwood, Vivian de C. (See Lewis, W. A., and Dashwood, assignors.)
Dastrup, Verl, et al. (See Jacob, William H., assignor.)
Datig, Ferdinand A. (See Dunn, William H. R., assignor.)
Datz, Joseph A., Union City, N. J. Tent. 2,185,588; Jan. 2.
Dau, Eberhard H., Dormont, Pa. Furnace. 2,221,471; Nov. 12.
Daub, Rudolph, Paterson, N. J. Transmission mechanism. 2,197,758; Apr. 23.
Daub, Rudolph, Paterson, N. J., assignor to Wright Aeronautical Corporation. Crankcase. 2,189,600; Feb. 6.
Daub, Rudolph, Paterson, N. J., assignor to Wright Aeronautical Corporation. Two-cycle engine. 2,196,252; Apr. 9.
Daub, Rudolph, Paterson, N. J., assignor to Wright Aeronautical Corporation. Composite cylinder and head. 2,199,619; May 7.
Daub, Rudolph, Paterson, N. J., assignor to Wright Aeronautical Corporation. Disk cam valve gear. 2,225,102; Dec. 17.
D'Aubarede, Paul C. A. M., Saint-Genis-Laval, France. Universal joint. 2,214,293; Sept. 10.
D'Aubarede, Paul C. A. M., Saint-Genis-Laval, France. Engine mounting. 2,220,514; Nov. 5.
Daubenspeck, Henry C. (See Winder, Samuel E., assignor.)
Dauber, Charles G., assignor to The Dauber Company, Oshkosh, Wis. Partition assembly feeding mechanism. 2,221,865; Nov. 19.
Dauber, Charles G., assignor to The Dauber Company, Oshkosh, Wis. Partition assembling machine. 2,224,220; Dec. 10.
Dauber Company, The. (See Dauber, Charles G., assignor.)
Dauda, Joseph F., Washington, D. C. Game. 2,225,519; Dec. 17.
Daudelin, Jean B., and E. E. Talbot, Fall River, Mass. Loom shuttle. 2,220,812; Nov. 5.
Daudt, Herbert W. (See Elley, H. W., and Daudt.)
Daudt, Herbert W., Wilmington, Del., and H. E. Woodward, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Primary arylamines and the manufacture thereof. 2,194,925; Mar. 26.
Daudt, Herbert W., Wilmington, Del., and H. E. Woodward, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Mono-nitrobenzene compound and the manufacture thereof. 2,194,926; Mar. 26.
Daudt, Herbert W., Wilmington, Del., and H. E. Woodward, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo compound. 2,194,927; Mar. 26.
Daudt, Herbert W., Wilmington, Del., and H. E. Woodward, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitro-trifluoromethyl-aryl amines and making them. 2,212,825; Aug. 27.
Daugherty, Albert L., La Grange, Ill. Radio instruction device. 2,203,594; June 4.
Daugherty, George W., Orlando, Fla. Spraying and dusting machine. 2,220,082; Nov. 5.
Daugherty, Roger M., Cincinnati, Ohio, and W. H. Myers, Detroit, Mich., assignors to The Crosley Corporation, Cincinnati, Ohio. Automotive antenna equipment. 2,188,427; Jan. 30.
Daum, August, Dusseldorf, Germany. Fastener for joining belts and conveyer bands. 2,202,094; May 28.
Daum, Horace A., Seattle, Wash. Target. 2,185,628; Jan. 2.
Daum, Horace A., Seattle, Wash. Lock. 2,212,707; Aug. 27.
Daumann, Carl W. (See Kuntke, A., and Daumann.)
Dauphinee, George S., Brooklyn, assignor, by mesne assignments, to W. B. Connor Engineering Corp., New York, N. Y. Air purification. 2,214,737; Sept. 17.
Dauster, John, Wilkinsburg, Pa. Hydraulic pump. 2,188,035; Jan. 23.
Dautrick, Owen L., Detroit, Mich. Sash balance casing. 2,190,097; Feb. 13.
Dautrick, Owen L., Detroit, Mich. Sash balance. 2,190,098; Feb. 13.
Dautrick, Owen L., Detroit, assignor of one-third to L. G. Erb and one-third to A. E. Blow, both of Royal Oak, Mich. Window construction. 2,203,427; June 4.
D'Avaucourt, Pierre de Vitry, Astoria, N. Y. Stone sawing machine and blade therefor. 2,189,780; Feb. 13.
Davenport, Edmund S., Chatham, N. J., and E. H. Engel, Vandergrift, Pa., assignors to United States Steel Corporation. Heat treating steel and the metallurgical product produced thereby. 2,204,209; June 11.

Davenport, Margaret M., Los Angeles, Calif. Hand tool. 2,195,720; Apr. 2.
Davenport, Sam F., assignor to Creek Chub Bait Company, Garrett, Ind. Fish lure. 2,189,487; Feb. 6.
Davenport, Ward A. (See Bachman, C. W., and Davenport.)
Daveron, Solon A., Rio de Janeiro, Brazil. Apparatus for vaporizing liquids. 2,195,560; Apr. 2.
Davey, Edward L. (See Beaver, C. J., and Davey.)
Davey, Edward P., Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,226,158; Dec. 24.
Davey, George W., Worcester, Mass. Furnace wall structure. 2,186,577; Jan. 9.
Davey, George W., Worcester, Mass. Steam generator. 2,222,530; Nov. 19.
Davey, Samuel J., and G. A. Christman, Jackson, assignors, by mesne assignments, to Evans Products Company, Detroit, Mich. Ventilator. 2,211,367; Aug. 13.
David, Bruce W., Cleveland Heights, and H. P. Dorn, Cleveland, Ohio. Transparency exhibitor. 2,206,685; July 9.
David, Roy L., San Jose, Calif. Artificial hand. 2,225,468; Dec. 17.
David, Vera. (See Sayles, Charles I., assignor.)
David, Vern W., Bakersfield, Calif. Formation sealing composition. 2,213,038; Aug. 27.
David, Vern W., Bakersfield, Calif. Water shut-off method and composition for wells. 2,213,039; Aug. 27.
David, Victor M., Vancouver, British Columbia, Canada. Airplane. 2,193,448; Mar. 12.
Davids, Hans, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Cooling jacket structure for internal combustion engines. 2,217,007; Oct. 8.
Davidson, Andrew J., Jr., Detroit, Mich. Injector nozzle. 2,211,496; Aug. 13.
Davidson, Ashley A., Los Angeles, Calif., assignor of fifty-one percent to V. Gilbert and fifteen percent to B. H. Adolph. Piano action. 2,195,721; Apr. 2.
Davidson, Charles S. (See McKeirnan, William C., assignor.)
Davidson, Clarence W., Orchard Lake, assignor to Goddard & Goddard Company, Inc., Detroit, Mich. Cutter. 2,212,012; Aug. 20.
Davidson, Eli, Dorchester, Mass. Protective cover for books. 2,190,055; Feb. 13.
Davidson, Elliott C., St. Joseph, Mich. Stencil book. 2,201,479; May 21.
Davidson, Emma E., et al. (See Tafel, Robert E., assignor.)
Davidson, Glenn. (See Lofgren, Frederick V., assignor.)
Davidson, Glenn, Aurora, Ill. Cigarette mouthpiece. 2,202,839; June 4.
Davidson, Glenn, Aurora, Ill. Apparatus for manufacture of tobacco articles. 2,205,943; June 25.
Davidson, Glenn, Aurora, Ill. Mouthpiece cigarette manufacture. 2,221,443; Nov. 12.
Davidson, Hamish McL., Vancouver, Province of British Columbia, Canada. Reinforced laminated ski. 2,213,903; Sept. 3.
Davidson, Isaac, executor. (See Engelson, David.)
Davidson, Isaac F., Portland, Oreg. Adjustable plow. 2,190,056; Feb. 13.
Davidson, John, Jr., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,206,544; July 2.
Davidson, John, Jr., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,208,924; July 23.
Davidson, John, Jr., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,209,513; July 30.
Davidson, John T. (See Williams, P. H., Ganger, Petit, and Davidson.)
Davidson, Louis, Hewlett, N. Y. Long and short span construction. 2,211,848; Aug. 20.
Davidson Manufacturing Company. (See Breman, F. J., and Dell, assignors.)
Davidson Manufacturing Corporation. (See Brown, Robert C., Jr., assignor.)
Davidson Manufacturing Corporation. (See Davidson, W. W., Jr., and Dell, assignors.)
Davidson Manufacturing Corporation. (See Davidson, William W., assignor.)
Davidson Manufacturing Corporation. (See Davidson, William W., and Anderson, assignors.)
Davidson Manufacturing Corporation. (See Davidson, William W. and W. W., Jr., assignors.)
Davidson Manufacturing Corporation. (See Trydal, Nils, assignor.)
Davidson, Paul B., Wilkinsburg, Pa., and J. R. Adams, assignors to Old Colony Envelope Company, Westfield, Mass. Adhesive. 2,202,247; May 28.
Davidson, Thomas M., Coalwood, W. Va. Beverage container. 2,194.011; Mar. 19.
Davidson, Trevor. (See Anderson, G. Y., Jr., Davidson, and Lonngren.)
Davidson, Walter J. (See Ellis, J. W., and Davidson.)
Davidson, William W., Jr. (See Davidson, William W. and W. W., Jr.)
Davidson, William W., Evanston, Ill. Rotary pump. 2,187,730; Jan. 23.
Davidson, William W., Evanston, Ill., assignor to Davidson Manufacturing Corporation. Folding machine. 2,190,413; Feb. 13.
Davidson, William W., Evanston, Ill., assignor to Davidson Manufacturing Corporation. Folding machine. 2,190,415; Feb. 13.
Davidson, William W., Evanston, Ill., assignor to Davidson Manufacturing Corporation. Folding machine. 2,190,416; Feb. 13.
Davidson, William W., Evanston, Ill., assignor to Davidson Manufacturing Corporation. Stripping mechanism for printing presses. 2,211,765; Aug. 20.
Davidson, William W., Jr., Niles Center, Ill., assignor to Davidson Manufacturing Corporation. Folding machine. 2,190,417; Feb. 13.
Davidson, William W., Evanston, and W. W. Davidson, Jr., Niles Center, Ill., assignors to Davidson Manufacturing Corporation. Folding machine. 2,190,414; Feb. 13.
Davidson, William W., Evanston, and A. Anderson, Chicago, Ill., assignors to Davidson Manufacturing Corporation. Sheet conveyer. 2,190,418; Feb. 13.
Davidson, William W., Jr., Niles Center, and E. F. Dell, Park Ridge, Ill., assignors to Davidson Manufacturing Corporation. Retouching table. 2,215,462; Sept. 24.
Davidson, Wilson. (See Geiger, W. J., and Davidson.)
Davies, Clarence J. (See Mitchell, A. S., Davies, and Ratley.)
Davies, Clarence J., assignor to National Automotive Fibres, Inc., Detroit, Mich. Sun visor. 2,221,182; Nov. 12.
Davies, Clarence J., assignor to National Automotive Fibres, Inc., Detroit, Mich. Sun visor. 2,223,845; Dec. 3.
Davies, Clarence J., and H. M. Ratley, assignors to National Automotive Fibres, Inc., Detroit, Mich. Feed control for sewing mechanism. 2,207,973; July 16.
Davies, Edward S., et al. (See Bittick, James E., assignor.)
Davies, Edwin A., assignor to Hoffman Specialty Company, Waterbury, Conn. Adjusting means for air valves. 2,197,250; Apr. 16.
Davies, Francis L., Waukesha, Wis. Hair cutter. 2,186,627; Jan. 9.
Davies. George E., South Bend, Ind. Washing machine. 2,196,695; Apr. 9.
Davies, George M. (See Knowlton, C. H., and Davies.)
Davies, George M., Fair Lawn, N. J., assignor to The New York Central Railroad Company. Locomotive. 2,223,482; Dec. 3.
Davies, Gomer L., Cleveland, Ohio, assignor to Washington Institute of Technology, Inc., Washington, D. C. Control of radio glide path. 2,194,741; Mar. 26.
Davies, Gomer L., Woodside, Md., and F. G. Kear, Minersville, Pa., assignors to Washington Institute of Technology, Inc., Washington, D. C. Modulation system. 2,198,025; Apr. 23.
Davies, Harry, Molding Co. (See Terrill, Clair J., assignor.)
Davies, James Y. (See Jones, J. E., Davies, and Neilson.)
Davies, John S. H., A. J. Hailwood, and W. Todd, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Pigment preparation. 2,213,693; Sept. 3.
Davies & Metcalfe Limited. (See Metcalfe, Richard D. and J. C., assignors.)
Davies, O. N., trustee. (See Dunn, Andrew C., assignor.)
Davies, Phillips S. (See Hunter, Chester O., assignor.)
Davies, Stanley B., assignor to Royer Foundry & Machine Company, Kingston, Pa. Sand conditioning machine. 2,206,164; July 2.
Davini, David A., et al. (See Nielsen, Adolph E., assignor.)
Davis, Alan C., New York, N. Y., assignor to Viking Instruments, Inc., Stamford, Conn. Control system. 2,201,123; May 14.
Davis, Albert E., New York, N. Y. Window screen. 2,195,361; Mar. 26.
Davis, Anderson D., Gastonia, N. C. Clearer roll. 2,202,812; June 4.
Davis, Anderson D., Gastonia, N. C. Covering clearer roll. 2,221,910; Nov. 19.
Davis, Arthur E. (See Bohmer, C. I., and Davis.)
Davis, Arthur L., Knoxville, Tenn. Ceramic support. 2,201,989; May 28.
Davis, Arthur L., near Knoxville, and L. H. Bartlett, Knoxville, Tenn. Extracting oil. 2,191,455; Feb. 27.
Davis, Arthur W., Lakewood, Ohio, assignor to The Linde Air Products Company. Flame cutting method and machine. 2,187,731; Jan. 23.
Davis, Arthur W., Lakewood, Ohio, assignor to The Linde Air Products Company. Apparatus for and method of controlling distortion. 2,208,121; July 16.
Davis, Augustine, Jr., Cincinnati, Ohio. Construction element. 2,200,159; May 7.
Davis, Benjamin S., assignor to Newport News Overfold Company, Newport News, Va. Duplicating statement form for ledger cards. 2,185,662; Jan. 2.
Davis Brake Beam Company. (See Stillwagon, Charles K., assignor.)
Davis, Carl G., assignor of one-half to J. A. Coy, Tulsa, Okla. Orifice plate carrier for valves. 2,217,216; Oct. 8.
Davis, Carlton C., Glen Ellyn, and J. H. Gregory, Wheaton, Ill., assignor, by mesne assignments, to Wilson Sporting Goods Company. Manufacturing playing ball centers. 2,189,514; Feb. 6.

Davis, Charles, Piedmont, W. Va., assignor to West Virginia Pulp and Paper Company, New York, N. Y. Paper roll. 2,200,160; May 7.
Davis, Charles L., Santa Barbara, Calif. 2,188,997; Feb. 6.
Davis, Charles M., assignor to The Perry Knitting Company, Perry, N. Y. Shorts. 2,214,578; Sept. 10.
Davis, Charles R., Rochester, N. Y. Burglar resisting safe. 2,203,675; June 11.
Davis, Chester E. (See Chambers, T. A., Davis, Franz and Whiting.)
Davis, Chester L., et al. (See Willing, Mark S., assignor.)
Davis, Chester L., et al. (See Willing, M. S., Scribner, and Morders, assignors.)
Davis, Claude W., Los Angeles, Calif. Device for handling cartons and the like. 2,217,731; Oct. 15.
Davis, Clyde O. (See Cook, M. A., Davis, and Lawson.)
Davis, Clyde O., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ammonium nitrate explosive. 2,185,248; Jan. 2.
Davis, Clyde O., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Perchlorate explosive. 2,190,703; Feb. 20.
Davis, Clyde W. (See Britton, E. C., and Davis.)
Davis, Cortland W., and W. B. Engh, Alexandria, Ind., assignors to The Mantle Lamp Company of America, Chicago, Ill. Device for burning liquid fuel. 2,213,386; Sept. 3.
Davis, Cortland W., and W. B. Engh, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Blue flame burner. 2,216,877; Oct. 8.
Davis, Edward D. (See Johnson, Saul A., assignor.)
Davis, Edward D., assignor to The Boye Needle Company, Chicago, Ill. Display support. 2,219,834; Oct. 29.
Davis, Edward J., Vancouver, British Columbia, Canada. Binder. 2,215,147; Sept. 17.
Davis, Edward W., Minneapolis, Minn. Reducing ores. 2,204,576; June 18.
Davis, Elmer W., Newton Center, Mass., and A. H. Maynard, Warwick, R. I., assignors to Boston Wire Stitcher Company, Portland, Maine. Identification and recording device. 2,204,577; June 18.
Davis Emergency Equipment Company. (See Davis, Frank R., assignor.)
Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Check mechanism. 2,197,925; Apr. 23.
Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Laundry and garment press. 2,212,190; Aug. 20.
Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Check mechanism. 2,220,994; Nov. 12.
Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Check mechanism. 2,220,995; Nov. 12.
Davis, Ernest W., River Forest, Ill. Musical instrument. 2,193,060; Mar. 12.
Davis, Ernest W., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,205,759; June 25.
Davis, Ernest W., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,219,681; Oct. 29.
Davis, Ernest W., Oak Park, and L. A. Williams, Jr., Winnetka, assignors to Stewart-Warner Corporation, Chicago, Ill. Gear case cleaning apparatus. 2,223,553; Dec. 3.
Davis, Espy G., St. Paul, Minn., assignor to National Battery Company. Casting machine. 2,188,276; Jan. 23.
Davis, Eugene L., Long Beach, Calif., H. S. Cole, Jr., Fort Worth, Tex., W. E. Larson, San Pedro, and N. C. Wells, Artesia, Calif., assignors to The Texas Company, New York, N. Y. Method and apparatus for graveling wells. 2,198,573; Apr. 23.
Davis, Ford C., Hartville, Ohio. Apparatus for handling vegetables or the like. 2,219,809; Oct. 29.
Davis, Francis W., Belmont, Mass. Pump. 2,206,079; July 2.
Davis, Francis W., Belmont, Mass. Power-steering apparatus. 2,213,271; Sept. 3.
Davis, Frank, assignor to Frank Davis Manufacturing Company, Incorporated, Pawtucket, R. I. Stacking handle for pin boards and cone boards. 2,223,554; Dec. 3.
Davis, Frank K., Silver Spring, Md., assignor to Underwood Elliott Fisher Company, New York, N. Y. Manifolding typewriting machine. 2,204,247; June 11.
Davis, Frank M., Milwaukee, assignor to Davis and Thompson Company, West Allis, Wis. Machine tool spindle mounting. 2,203,943; June 11.
Davis, Frank M., assignor to Collins Radio Company, Cedar Rapids, Iowa. Transmission control system. 2,204,578; June 18.
Davis, Frank M., assignor to Collins Radio Company, Cedar Rapids, Iowa. Limiting amplifier control means. 2,204,726; June 18.
Davis, Frank M., assignor to Collins Radio Company, Cedar Rapids, Iowa. Electrical control apparatus. 2,206,882; July 9.
Davis, Frank, Manufacturing Company. (See Davis, Frank, assignor.)
Davis, Frank R., Scarsdale, assignor to Davis Emergency Equipment Company, Incorporated, New York, N. Y. Container and locking device therefor. 2,206,664; July 2.
Davis, Frederick R. J. (See Schaelchlin, W., and Davis.)
Davis, Frederick R. J., Irwin, and G. P. Lessmann, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Roller-hearth type electric furnace. 2,205,242; June 18.
Davis, Garland H. B. (See Franceway, James A., Jr., and Davis.)
Davis, Garland H. B., Elizabeth, N. J., assignor to Standard Oil Development Company. Fuel oil. 2,215,230; Oct. 1.
Davis, George B., Washington, D. C. Incandescent lamp. 2,211,884; Aug. 20.
Davis, George B., Jr., Washington, D. C. Multiple filament incandescent electric lamp. 2,217,794; Oct. 15.
Davis, Gifford D., South Orange, assignor to National Oil Products Company, Harrison, N. J. Hair waving solution. 2,207,241; July 9.
Davis, Guy C., and H. J. Moon, assignors to National Enameling & Stamping Co., Inc., Milwaukee, Wis. Stove construction. 2,210,361; Aug. 6.
Davis, Harold G., Denver, Colo. Reversible power transmission mechanism. 2,200,574; May 14.
Davis, Harold G., Denver, Colo. Coffee maker. 2,224,672; Dec. 10.
Davis, Harold S., Riverside, Conn., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Inclinometer. 2,193,862; Mar. 19.
Davis, Harold S., Riverside, Conn., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Inclinometer. 2,214,122; Sept. 10.
Davis, Harry, Bethlehem, Pa., assignor to Bethlehem Steel Company. Furnace temperature control. 2,209,075; July 23.
Davis, Harry E., Akron, and O. Werner, deceased, Cuyahoga Falls, Ohio; The St. Joseph Loan & Trust Co., executor. Machine for making suckers. 2,192,897; Mar. 12.
Davis, Harry W. (See Carstensen, A. R., and Davis.)
Davis, Harry W., Oakland, Calif. Turbine. 2,223,953; Dec. 3.
Davis, Hazel B., Worcester, Mass. Protective device. 2,205,972; June 25.
Davis, Helen C., London, England. Flatiron. 2,203,276; June 4.
Davis, Henry C., Calhoun City, Miss. Cloth bolt machine. 2,195,769; Apr. 2.
Davis, Herbert, Cleveland, Ohio, and J. Pawol, Ellwood City, Pa., assignors to National Tube Company. Mandrel. 2,197,098; Apr. 16.
Davis, Herbert L., Atlanta, Ga. No-punch binder. 2,203,676; June 11.
Davis, Hiotte A., Lynchburg, Va., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Edge finishing leather articles. 2,200,384; May 14.
Davis, Homer N., Catawissa, Pa. Union ball check valve. 2,192,541; Mar. 5.
Davis, J. Windsor, et al. (See Brady, David R., assignor.)
Davis, James H., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Sizing and riveting porous metal articles. 2,199,620; May 7.
Davis, James H., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Porous metal filter element. 2,220,641; Nov. 5.
Davis, James H., R. P. Koehring, and J. T. Marvin, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Sintering porous metal objects. 2,203,895; June 11.
Davis, John B., assignor to Hydraulic Production Corporation, Dallas, Tex. Hydraulic transmission. 2,196,522; Apr. 9.
Davis, John M., Los Angeles, Calif. Valve seat insert. 2,219,471; Oct. 29.
Davis, John R., Scarsdale, and J. Strauss, New York, N. Y., and H. E. Dunn, Crafton, Pa., assignors to Vanadium Corporation of America, New York, N. Y. Manufacture of ferrotitanium alloys. 2,222,795; Nov. 26.
Davis, John V., Detroit, Mich. Boat and trailer construction. 2,219,254; Oct. 22.
Davis, Joseph, Arlington, N. J. Baby's rattle. 2,211,102; Aug. 13.
Davis, Joseph, Arlington, N. J. Toilet box. 2,212,340; Aug. 20.
Davis, Kenneth. (See Stahl, C. R., and Davis.)
Davis, Kinsbury H., Closter, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission control and signaling system. 2,206,080; July 2.
Davis, Lee M. (See Flanders, R. E., and Davis.)
Davis, Leon N. (See Miller, M., and Davis.)
Davis, Lincoln K., Brockton, Mass. Washing device for photographs and the like. 2,203,382; June 4.
Davis, Lincoln K., Brockton, Mass. Washing device for photographs and the like. 2,203,383; June 4.
Davis, Lincoln K., Brockton, Mass. Movement-producing device. 2,204,791; June 18.
Davis, Lincoln K., Brockton, Mass. Movement-producing device. 2,204,792; June 18.
Davis, Lincoln K., Brockton, Mass. Thermostat. 2,204,793; June 18.

Davis, Lloyd W., Bloomfield, N. J., and E. Segessemann, Cedartown, Ga., assignors to National Oil Products Company, Harrison, N. J. Sizing textiles, the size, the preparation of the same, and the size article. 2,218,506; Oct. 22.
Davis, Lyman W. (See Baber, Emil C., assignor.)
Davis Manufacturing Company. (See Shelor, Frederick L., assignor.)
Davis, Marie, J. E. Lacy, and A. C. Andrews, Dayton, Tex. Pipe rotating device. 2,196,141; Apr. 2.
Davis, Merrill, Detroit, Mich. Vehicle brake. 2,187,226; Jan. 16.
Davis, Milton K., Dallas, Tex., assignor to L. Acton and M. K. Davis, doing business as Point-O-Purchase Advertising Company. Food cabinet. 2,188,708; Jan. 30.
Davis, Nelson L., J D. S. Drinkwater, and T. O. Carlisle, assignors to Link-Belt Company, Chicago, Ill. Trough washer. 2,194,139; Mar. 19.
Davis, Norman E., E. Green, and A. W. Hall, Chelmsford, England, assignors to Radio Corporation of America. Thermionic valve apparatus for use on very short wave lengths. 2,218,309; Oct. 15.
Davis, Norman E., E. Green, and A. W. Hall, Chelmsford, England, assignors to Radio Corporation of America. Thermionic valve apparatus for use on very short waves. 2,223,985; Dec. 3.
Davis, Olin E., Whittier, Calif. Mortician's clamp. 2,199,949; May 7.
Davis, Olin E., Whittier, assignor of one-third to Carolyn L. Brock, Whittier, Calif., and one-third to Daniel W. Schierman, Pico, Calif. Head and chin support. 2,210,113; Aug. 6.
Davis, Preston, West Hollywood, Calif. Clothesline supporting structure. 2,202,193; May 28.
Davis, Ralph B., Okmulgee, Okla. Body support. 2,224,339; Dec. 10.
Davis, Reuben F., K. T. and A. J. Penick, Houston, Tex., said Davis assignor to Kirby T. and Arthur J. Penick. Boiler feedcheck valve. 2,213,487; Sept. 3.
Davis, Robert E., Fort Payne, Ala. Self-supporting stocking. 2,188,241; Jan. 23.
Davis, Robert E., Jr., Fort Payne, Ala., assignor to Interwoven Stocking Company, New Brunswick, N. J. Knitted fabric. 2,191,456; Feb. 27.
Davis, Robert E., Jr., Fort Payne, Ala., assignor to Interwoven Stocking Company, New Brunswick, N. J. Knitting machine. 2,201,716; May 21.
Davis, Robert E., assignor to W. B. Davis & Son, Incorporated, Fort Payne, Ala. Tubular elastic fabric and making same. 2,206,808; July 2.
Davis, Robert E., Jr., Fort Payne, Ala., assignor to Interwoven Stocking Company, New Brunswick, N. J. Knitting. 2,215,286; Sept. 17.
Davis, Robert E., Jr., Fort Payne, Ala., assignor to Interwoven Stocking Company, New Brunswick, N. J. Hosiery. 2,223,719; Dec. 3.
Davis, Robert F., Arlington, Va. Domestic oven. 2,186,857; Jan. 9.
Davis, Robert F., Washington, D. C. Communication system. 2,193,061; Mar. 12.
Davis, Robert S., Parkersburg, W. Va., assignor, by mesne assignments, to Solar Laboratories, Beaver, Pa. Decorating machine. 2,209,688; July 30.
Davis, Samuel A., Acme, Tex. Speed changer. 2,216,642; Oct. 1.
Davis, Samuel H., et al. (See Edick, Otto D., assignor.)
Davis, Stewart M., New York, N. Y. Child's measuring record. 2,197,031; Apr. 16.
Davis and Thompson Company. (See Davis, Frank M., assignor.)
Davis, Verner F., West Orange, assignor to Atlas Valve Company, Newark, N. J. Compensated valve. 2,192,963; Mar. 12.
Davis, W. B., & Son, Incorporated. (See Davis, Robert E., assignor.)
Davis, Wilbert F., Wilson, Pa. Metal testing. 2,224,039; Dec. 3.
Davis, Wilbur A., assignor of twenty-five one hundredths to L. J. Marshall and twenty-five one hundredths to M. O. Roslyn, Gibson City, and twenty-five one hundredths to R. G. Miller, Peoria, Ill. Electrical receptacle or outlet. 2,221,345; Nov. 12.
Davis, Willard A., Providence, R. I., assignor to S. & B. Lederer Company. Wrist watch strap construction. 2,191,314; Feb. 20.
Davis, William G., and H. C. Atkins, Cleveland Heights, Ohio, assignors to General Electric Company. Base for electric lamps and similar devices. 2,198,934; Apr. 30.
Davis, William L. (See Burrows, R. J., Williams, and Davis.)
Davis, William N., O. E. Cushman, and J. E. Fratis, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Bituminous emulsions and producing same. 2,216,311; Oct. 1.
Davis, Wilmer R., Pittsburgh, Pa. Washing machine. 2,210,851; Aug. 6.
Davison, Robert L., assignor to John B. Pierce Foundation, New York, N. Y. Duct heating system. 2,209,324; July 30.
Davisson, Clinton J., Short Hills, N. J., to Bell Telephone Laboritories, Incorporated, New York, N. Y. Cathode ray device. 2,217,197; Oct. 8.
Davisson, Clinton J., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cathode ray device. 2,217,198; Oct. 8.
Davitow, Sergo B., St. Albans, N. Y. Riveting tool. 2,216,767; Oct. 8.
Davol Rubber Company. (See Little, Jesse, assignor.)
Davy, Christopher H., Blackheath, London, England, assignor to The Babcock & Wilcox Company, Newark, N. J. Superheat control. 2,213,121; Aug. 27.
Davys, Maud L. (See Scott-Snell, Charles, assignor.)
Dawes, Robert T., Hudson, Mass. Footwear. 2,190,864; Feb. 20.
Dawihl, Walther, Berlin-Kohlhasenbruck, and K. Schröter, Berlin, Germany, assignors to General Electric Company. Hard alloys and producing the same. 2,196,009; Apr. 2.
Dawihl, Walther, Kohlhasenbruck, near Berlin, and W. Thouret, Berlin-Wilmersdorf, Germany, assignors to General Electric Company. Sealed electrical device. 2,201,717; May 21.
Dawihl, Walther, Berlin-Kohlhasenbruck, and K. Schröter, Berlin, Germany, assignors to General Electric Company. Producing cutting tools. 2,224,595; Dec. 10.
Dawsey, Lynn H. (See Catchings, T. F., Padget, and Dawsey.)
Dawson, Albert J., and E. Willison, Sewickley, Pa., assignors to Dravo Corporation. Hatchway cover. 2,194,012; Mar. 19.
Dawson, Arla R. (See Glorfield, Edward, assignor.)
Dawson, Charles W., Oakmont, assignor to Woodings-Verona Tool Works, Verona, Pa. Rail fastener. 2,194,590; Mar. 26.
Dawson, Charles W., J. F. Smith, and A. W. Metzner, assignors to The Standard Register Company, Dayton, Ohio. Manifolding register. 2,219,299; Oct. 29.
Dawson, Floyd. (See Smith, J. S., and Dawson.)
Dawson, Francis M., Iowa City, Iowa. Safety device for water systems. 2,211,459; Aug. 13.
Dawson, George A. (See Middleton, E. B., and Dawson.)
Dawson, James C., Jr., Kirkwood, Mo. Wound clip. 2,201,610; May 21.
Dawson, James C., Jr., Kirkwood, assignor to L. L. Gardner, University City, Mo. Key case. 2,201,850; May 21.
Dawson, James C., Jr., Kirkwood, assignor to L. L. Gardner, University City, Mo. Key holder. 2,201,851; May 21.
Dawson, James R. and R. E., Philadelphia, Pa. Apparel rack. 2,217,795; Oct. 15.
Dawson, James W. (See List, R. F., and Dawson.)
Dawson, John W. (See Diamond, H., and Dawson.)
Dawson, John W. (See Gulliksen, F. H., and Dawson.)
Dawson, John W. (See Shutt, C. C., and Dawson.)
Dawson, John W., East McKeesport, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding timing circuits. 2,189,601; Feb. 6.
Dawson, John W., Auburndale, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electronic seam welding for high speed welding. 2,200,077; May 7.
Dawson, John W., Auburndale, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electronic seam welding for high speed welding. 2,200,078; May 7.
Dawson, John W., Auburndale, assignor to Raytheon Manufacturing Company, Newton, Mass. Arc tube system. 2,201,966; May 21.
Dawson, John W., Auburndale, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control apparatus. 2,210,709; Aug. 6.
Dawson, John W., Auburndale, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding system. 2,221,576; Nov. 12.
Dawson, Joseph R. (See Moss, H. H., and Dawson.)
Dawson, Leslie. (See Shell, Melvin O., assignor.)
Dawson, Melville P., Outremont, Quebec, assignor of sixty per cent to P. J. Dunlop, Timmins, Ontario, Canada. Adjustable bedpan. 2,204,343; June 11.
Dawson, Reginald D., Tjepoe, and P. H. Huisman, Pangkalan Brandan, Dutch East Indies, assignors to Shell Development Company, San Francisco, Calif. Non-aqueous drilling fluid. 2,223,027; Nov. 26.
Dawson, Robert E. (See Dawson, James R. and R. E.)
Dawson, Wilfrid L., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound picture film. 2,199,559; May 7.
Dawson, William J., Kansas City, Mo. Fastener for belt ends. 2,225,260; Dec. 17.
Day, Austin W., Washington, D. C. Fuse crimping tool. 2,189,781; Feb. 13.
Day, Charles L., Corning, N. Y., assignor to Owens-Corning Fiberglas Corporation. Insulation covering. 2,214,294; Sept. 10.
Day Company, The. (See McElevey, Clark A., assignor.)
Day, Daniel, Columbus, Ohio. Automatic sewing machine. 2,225,370; Dec. 17.
Day, Harold K. (See Jacobson, H. P., and Day.)
Day, Herbert O., Bowling Green, Ohio. Truck dumping mechanism. 2,210,142; Aug. 6.
Day, Herbert O., Bowling Green, Ohio. Truck dumping mechanism. 2,210,143; Aug. 6.
Day, Herbert O., St. Paul, Minn. Hydraulic control apparatus. 2,210,144; Aug. 6.
Day, J. H., Company, The. (See Moores, Joel, assignor.)
Day, J. H., Company, The. (See Moores, J., and McClanahan, assignors.)

Day, Jeremiah C., and W. F. Marshall, Lexington, Ky. Bunion corrector. 2,190,016 Feb. 13.
Day, Louis J., Floral Park, N. Y. Game device. 2,227,248; Dec. 31.
Day, Louis J., Floral Park, N. Y., assignor to Josam Manufacturing Company, Cleveland, Ohio. Method and apparatus for circulating water in swimming pools. 2,218,507; Oct. 22.
Day, Roger O., Westfield, N. J., assignor, by mesne assignments, to Oxweld Acetylene Company. Heat-treating apparatus. 2,224,006; Dec. 3.
Day, Roland B., Amarillo, Tex., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,189,058; Feb. 6.
Day, Roy C., Crawfordsville, Ind. End-on rod cutter. 2,202,416; May 28.
Day, Wilbur M., Norwood, assignor to The Baldwin Company, Cincinnati, Ohio. Piano fall-board. Re. 21,614; Nov. 5.
Day, Wilbur M., Norwood, assignor to The Baldwin Company, Cincinnati, Ohio. Fall-board means. 2,218,949; Oct. 22.
Day, Wilbur M., Norwood, and F. Huettemann, assignors to The Baldwin Company, Cincinnati, Ohio. Horizontal piano. 2,191,443; Feb. 27.
Day-Brite Lighting, Inc. (See Biller, David J., assignor.)
Dayco Radio Corporation. (See Morrison, Jack F., assignor.)
Daykin, Thomas R., Outremont, Quebec, assignor to Hygiene Products Limited, Montreal, Quebec, Canada. Paper cabinet. Re. 21,678; Dec. 24.
Daymude, Clarence D., Wichita, Kans. Tobacco pipe. 2,206,165; July 2.
Day & Night Water Heater Company. (See Kochendorfer, F. S., and Wood, assignors.)
Dayton, James M., Torrington, Conn. Fishing reel. 2,204,125; June 11.
Dayton Manufacturing Company, The. (See Schumacher, John C., assignor.)
Dayton Pump and Manufacturing Company, The. (See Eickmeyer, Earl E., assignor.)
Dayton Pump & Mfg. Co., The. (See Horvath, Anthony G., assignor.)
Dayton Rubber Mfg. Company, The. (See Bacon, Henry M., assignor.)
Dayton Rubber Manufacturing Company, The. (See Freedlander, Abraham L., assignor.)
Dayton Rubber Manufacturing Company, The. (See Freedlander, A. L., and Ritzert, assignors.)
Dayton Rubber Manufacturing Company, The. (See Ritzert, N. J., and Kremer, assignors.)
Dayton Rubber Manufacturing Company, The. (See Ritzert, Norman J., assignor.)
Dayton Rubber Manufacturing Company, The. (See Rockoff, Joseph, assignor.)
Dayton Steel Foundry Company, The. (See Walther, George, assignor.)
Dayton Steel Foundry Company, The. (See Walther, G., and Miller, assignors.)
Dazey Churn & Manufacturing Company. (See Kublin, Frederick W., assignor.)
Dazey Churn & Manufacturing Company. (See Moeller, George J., assignor.)
Dazley, Frederick C., Bridgeport, Conn., assignor to General Electric Company. Socket for tubular lamps or the like. 2,223,166; Nov. 26.
Deaderick, David A. (See Gould, R. E., and Deaderick.)
Deakers, Thorpe W., and L. A. Schmucker, Los Angeles, Calif. Cosmetic device. 2,193,509; Mar. 12.
Deal, Charles J., Santa Barbara, Calif. Drinking fountain. 2,207,458; July 9.
Deal, Kenneth L., Cedar Rapids, Iowa. Crayon holder. 2,189,561; Feb. 6.
Dean, Albert G. (See Ragsdale, E. J. W., and Dean.)
Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Tractor unit. 2,185,974; Jan. 2.
Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Tractor unit. 2,185,975; Jan. 2.
Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Underframe. 2,185,976; Jan. 2.
Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body construction and assembling the same. 2,185,977; Jan. 2.
Dean, Calvin J., Long Beach, and F. B. Carter, Glendale, Calif., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Screen pipe with fragile lining. 2,224,630; Dec. 10.
Dean, Dick D., assignor of one-fourth to L. Capps, Mountain Park, Okla. Transfer cell for automobiles. 2,219,412; Oct. 29.
Dean, Dion K., Rahway, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. External circulating system for pulp digesters. 2,217,732; Oct. 15.
Dean, Dion K., Rahway, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Heating method and apparatus. 2,223,407; Dec. 3.
Dean, Doris B., executrix. (See Dean, William E., Jr.)
Dean, George H., Norwood, R. I. Structural column. 2,195,327; Mar. 26.
Dean, Harry K. (See Clayton, W., and Dean.)
Dean, John, San Francisco, Calif. Plasterboard. 2,201,102; May 14.
Dean, John D., London, England. Hair curling device. 2,215,262; Sept. 17.
Dean, John G., Birmingham, N. J., assignor to The Permutit Company, New York, N. Y. Separation of isotopes. 2,204,072; June 11.
Dean, Reginald S., Washington, D. C., assignor to Chicago Development Company, Chicago, Ill. Treatment of manganese and its alloys. 2,201,677; May 21.
Dean, Russell R., Los Angeles, Calif. Register. 2,207,974; July 16.
Dean, Walter B., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rail car truck. 2,210,798; Aug. 6.
Dean, William E., Jr., deceased, Hamilton, Ontario, Canada, by D. B. Dean, executrix, Chautauqua, N. Y., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Empty and load brake. 2,194,742; Mar. 26.
Dean, William H. (See Harrison, R. D., Dean, and Carter.)
Dean, William T., Gary, Ind. Soaking pit. 2,196,789; Apr. 9.
Deane, Leon C., assignor to Bay State Thread Works, Springfield, Mass. Apparatus for making bobbin core tubes. 2,203,255; June 4.
Deanesly, Richard M. (See Gage, W. P., and Deanesly.)
Deanesly, Richard M., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Polymerization of unsaturated hydrocarbons. 2,216,549; Oct. 1.
Deans, Charles F., and A. E. Busby, Beverley, England. Musical drum and the like percussion instrument. 2,198,406; Apr. 23.
Deans, Frank B., Sharon Hill, Pa. Container cover operating means. 2,201,161; May 21.
Deans, Frederick E. (See Wainwright, C. H., Mountain, and Deans.)
Dearborn Chemical Company. (See Fager, Eugene P., assignor.)
Dearborn Chemical Company. (See Hinsch, Walter H., assignor.)
Dearborn, Frederick E., Washington, D. C., dedicated to the free use of the People in the Territory of the United States. Insecticide and fungicide. 2,201,103; May 14.
Dearborn, John W., Ansonia, Conn. Work-holding fixture. 2,186,236; Jan. 9.
Dearborn, Joseph H., Cleveland, Ohio. Fastening means. 2,206,223; July 2.
Dearing, John B., Ben Avon, Pa., assignor to Radio Corporation of America. Radio navigation device. 2,209,191; July 23.
Dearing, Stephen L., Palmyra, Mo. Easel. 2,191,755; Feb. 27.
Dearman, Ebbie M. (See Owen, W. M., and Dearman.)
De Armond, James K., and G. L. Haller, Dayton, Ohio. Antenna reel mechanism. 2,204,579; June 18.
Dearsley, George, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Feeding of web material to cigarette tipping apparatus and other machines. 2,189,059; Feb. 6.
Dearsley, George, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Tobacco feeding mechanism of cigarette making machines. 2,214,044; Sept. 10.
De Back, William, assignor to Chisholm-Ryder Company, Incorporated, Niagara Falls, N. Y. Packing foodstuffs. 2,190,936; Feb. 20.
De Back, William, assignor to Chisholm-Ryder Company, Incorporated, Niagara Falls, N. Y. Apparatus for treating canned goods. 2,192,181; Mar. 5.
De Back, William, assignor to Chisholm-Ryder Company, Incorporated, Niagara Falls, N. Y. Viner. 2,213,387; Sept. 3.
De Bats, Jean H. L., East Orange, N. J., assignor to Metal Carbides Corporation, Youngstown, Ohio. Direct rolling of metal from the liquid state and apparatus therefor. 2,210,145; Aug. 6.
De Bats, Jean H. L., East Orange, N. J., assignor of ninety per cent to Metal Carbides Corporation, Youngstown, Ohio. Industrial diamond wheel. 2,216,908; Oct. 8.
De Baufre, William L., Lincoln, Nebr. Method and apparatus for fractionating gaseous mixtures. 2,213,338; Sept. 3.
De Baugh, Robert W., assignor to American Cleaning Equipment Company, Baltimore, Md. Spray nozzle. 2,213,627; Sept. 3.
Debay, George C., Los Angeles, Calif. Bowling alley bed. 2,209,082; July 23.
Debby, John G., Cleveland, Ohio. Electrical connector. 2,186,476; Jan. 9.
De Becze, George, Lawrenceburg, Ind. Manufacture of yeast. 2,199,722; May 7.
De Becze, George, Budapest, Hungary. Manufactures from dolomitic materials. 2,209,444; July 30.
De Bell, George W., Merchantville, N. J., assignor, by mesne assignments, to Reconstruction Finance Corporation. Control valve. 2,220,479; Nov. 5.
De Bellis, Aldo M., Summit, N. J., assignor, by mesne assignments, to Railway and Industrial Engineering Company, Greensburg, Pa. Electrical bus construction. 2,223,300; Nov. 26.

De Bellis, Michele, New York, N. Y. Tremulant attachment for accordions. 2,196,142; Apr. 2.
De Benedetti, Giacomo, Turin, Italy. Electric detonator. 2,192,542; Mar. 5.
De Bersaques, Romain P. F., Seattle, Wash. Towel cabinet. 2,200,823; May 14.
De Bersaques, Romain P. F., Seattle, Wash. Sod-cutting implement. 2,222,194; Nov. 19.
De Bethune, Gaston S. P., New York, N. Y. Shaft coupling. 2,221,371; Nov. 12.
De Biasi, Charles P., Noank, Conn. Pile driving helmet. 2,214,295; Sept. 10.
De Boer, Jan H. (See Bruining, H., and de Boer.)
De Boer, Jan H. (See Bruining, H., de Boer, and Teves.)
De Boer, Jan H. (See Holst, G., and de Boer.)
De Boer, Jan H., C. J. Dippel, and B. S. H. Stieler, assignors to N. V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands. Carrier for recording and making the same. 2,194,642; Mar. 26.
De Boer, Jan H., W. Elenbaas, E. G. Dorgelo, and H. J. Lemmens, Eindhoven, Netherlands, assignors to General Electric Company. Electric incandescent lamp. 2,203,896; June 11.
De Boer, Jan H., Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Projection system. 2,227,070; Dec. 31.
De Boer, Rudolph F., E. Gillisse and J. L. Flora, assignors to Applied Arts Corporation, Grand Rapids, Mich. Lid brace. 2,212,977; Aug. 27.
De Bolt, Leo M., Columbia City, Ind. Throttle control. 2,196,626; Apr. 9.
De Bons, Albert A., Paragould, Ark. Three-way valve for pneumatic conveyers. 2,196,143; Apr. 2.
Debor, Hermann, Munich, and R. Debor, Obermenzing, near Munich, Germany, assignors to Dominion Oxygen Company, Limited. Hollow metal bodies and producing same. 2,222,762; Nov. 26.
Debor, Robert. (See Debor, H. and R.)
De Bord, Bert A., Temple, Tex. Awning structure. 2,201,887; May 21.
De Botelho, Martin, New York, N. Y. Traveling case. 2,187,445; Jan. 16.
De Bothezat, George, New York, assignor to Helicopter Corporation of America, Long Island City, N. Y. Helicopter device. 2,192,881; Mar. 12.
Debrie, André L. V. C., Paris, France. Box shaped spool for films. 2,191,849; Feb. 27.
Debrie, André L. V. C., Paris, France. Film developing machine. 2,191,850; Feb. 27.
De Brouckere, Léon, Brussels, Belgium. Recording means for weighing machines. 2,214,720; Sept. 10.
De Broux, Leon J., et al. (See Mestas, Manuel D., assignor.)
De Bruin, Sake L., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn. Torsionmeter. 2.217,539; Oct. 8.
De Bruler, Curran, Washington, D. C. Animal exercising and amusement device. 2,194,736; Mar. 26.
De Brun, Charles, Lons-le-Saunier, France. Snow plow device or the like. 2,198,407; Apr. 23.
De Cesare, Matteo, Newark, assignor to Ellisa Company, Jersey City, N. J. Doll's eye. 2,206,545; July 2.
De Chard, Albert W., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Ignition apparatus. 2,223,013; Nov. 26.
Dechert, Jacob, Jr., Chicago, Ill. Gear shaft pump assembly. 2,193,394; Mar. 12.
De Chime, Paul, Youngstown, Ohio. Fastening bracket for a safe. 2,197,251; Apr. 16.
Deck, John S., Cincinnati, Ohio. Angle iron clamp for scaffolds. 2,198,960; Apr. 30.
Deckard, Charles L., Tulsa, Okla. Tubing handling board for derricks. 2,191,643; Feb. 27.
Deckard, Homer, assignor of one-half to C. L. Farnsworth, Robinson, Ill. Fishing tool. 2,210,902; Aug. 13.
Deckel, Friedrich. (See Schmidt, Walter, assignor.)
Deckel, Friedrich. (See Zwick, Kurt, assignor.)
Decker, Blythe, Princeton, Ind. Vibrator head rest. 2,204,035; June 11.
Decker, Charles H. (See Rush, J. B., Mahr, and Decker.)
Decker, Earl J., Detroit, Mich. Oil filter. 2,197,252; Apr. 16.
Decker, Harry H., assignor to The Lathrop-Paulson Company, Chicago, Ill. Regenerative steam and water mixing device. 2,212,288; Aug. 20.
Decker, Harry H., assignor to The Lathrop-Paulson Company, Chicago, Ill. Can feeding device. 2,225,532; Dec. 17.
Decker, Isaac C., Montgomery, assignor, by mesne assignments, to Reconstruction Finance Corporation, Philadelphia, Pa. Adjustable chair. 2,191,644; Feb. 27.
Decker, Jacob, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,205,373; June 18.
Decker, Sol, Chicago, Ill., assignor to Setter Bros., Inc., Cattaraugus, N. Y. Method of and apparatus for manufacturing confection holders. 2,218,525; Oct. 22.
Decker, William H., Shawnee, Okla. Skate. 2,212,589; Aug. 27.
Deco-Board Corporation. (See Reger, Burt B., assignor.)
Dedlow, Carl, La Plata, Argentina, assignor to Swift & Company, Chicago, Ill. Crystallizing fats. 2,200,982; May 14.
Dedrick, Francis J., Red Lion, Pa. Die. 2,191,709; Feb. 27.
Dee, Harold D., Los Angeles, Calif. Self-locking hook. 2,197,997; Apr. 23.
Dee, Thomas P. (See Groombridge, W. H., and Dee.)
Deekay Aircraft Corporation Limited. (See Hart-Still, Sydney C., assignor.)
Deeley, Paul M., assignor to Cornell-Dubilier Corporation, New York, N. Y. Electrolytic condenser. 2,190,826; Feb. 20.
Deeley, Paul M., assignor to Cornell-Dubilier Corporation, New York, N. Y. Electrolytic condenser. 2,190,827; Feb. 20.
Deeley, Paul M., Plainfield, assignor to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Electrolytic condenser. 2,216,186; Oct. 1.
Deem, Arden G., Champaign, Ill., and W. A. Lazier, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of aromatic nitriles. 2,203,861; June 11.
Deems, Donald A., assignor to E. F. Pohl, St. Louis, Mo. Electric steaming iron. 2,189,709; Feb. 6.
Deems, Edward M., Forest Hills, assignor to Railroad Accessories Corporation, New York, N. Y. Bootleg. 2,209,912; July 30.
Deems, Frank E., Birmingham, Ala., assignor to Continental Gin Company. Roll box door construction for gins. 2,192,685; Mar. 5.
Deems, Frank E., Birmingham, Ala., assignor to Continental Gin Company. Gin breast front mounting. 2,200,470; May 14.
Deems, Harold H., Sheridan, Wyo. Shoeshine kit. 2,193,314; Mar. 12.
Deer, John J., New York, N. Y. Gift exchange plan device. 2,212,635; Aug. 27.
Deere & Company. (See Anderson, Ralph L., assignor.)
Deere & Company. (See Brown, Theophilus, assignor.)
Deere & Company. (See Brown, T., and Paul, assignors.)
Deere & Company. (See Collins, Edgar V., assignor.)
Deere & Company. (See Coultas, Wilbur J., assignor.)
Deere & Company. (See Coultas, W. J., and Colvin, assignors.)
Deere & Company. (See Coultas, W. J., and Frederiksen, assignors.)
Deere & Company. (See Coultas, W. J., and Johnson, assignors.)
Deere & Company. (See Court, Frank T., assignor.)
Deere & Company. (See Johnson, Theodore W., assignor.)
Deere & Company. (See Kirby, F. W., and Thomann, assignors.)
Deere & Company. (See Korum, Henry E., assignor.)
Deere & Company. (See Lindeman, Jesse G., assignor.)
Deere & Company. (See Oehler, A. W. and Anderson, assignors.)
Deere & Company. (See Paradise, L. A., and Coultas, assignors.)
Deere & Company. (See Paul, Talbert W., assignor.)
Deere & Company. (See Silver, Walter H., assignor.)
Deere & Company. (See Strandlund, Carl G., assignor.)
Deere & Company. (See Tuft, Miles H., assignor.)
Deere & Company. (See Tuft, M. H., and Clark, assignors.)
Deere & Company. (See Tuft, M. H., and Griff, assignors.)
Deere & Company. (See Tuft, M. H., and Rasmussen, assignors.)
Deere & Company. (See White, Charles H., assignor.)
Deere, John, Tractor Company. (See Antonsen, Anker K., assignor.)
Deerf, Ada, Coney Island, N. Y. Cigarette and cigar holder attachment. 2,203,816; June 11.
Deerhake, Franklin M., Schenectady, N. Y., assignors to General Electric Company. Circuit breaker testing arrangement. 2,201,852; May 21.
Deering, David N., Antioch, Ill. Bait. 2,218,280; Oct. 15.
Deese, Robert F., Jr. (See Wirth, W. V., and Deese.)
Defandorf, John L., Whitefish Bay, and R. O. Perrine, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Fluid flow controlling system. 2,219,472; Oct. 29.
De Fazi, Fulvio, assignor of one-third to A. Viviani, and one-third to H. Melaragno, New York, N. Y. Pipe. 2,218,906; Oct. 22.
Defender Photo Supply Company. (See Odell, I. N., and Bailey, assignors.)
Defender Photo Supply Company. (See Odell, I. N., and Smith, assignors.)
Defender Photo Supply Company. (See Potter, R. S., and Webster, assignors.)
Defender Photo Supply Co. (See Webster, Lawrence J., assignor.)
De Filippis, Raymond, Brooklyn, N. Y. Hydraulic mechanical speed transmission. 2,191,907; Feb. 27.
De Finetti, Giuseppe, Milan, Italy, assignor to A. H. Burke, Cincinnati, Ohio. Load bearing apparatus for transport on shoulders. 2,208,962; July 23.
De Florez Engineering Co. (See de Florez, L., Herle, and Hirsch, assignors.)
De Florez, Luis. (See Hirsch, J. H., Bach, assignors.)
De Florez, Luis, New York, N. Y. Directional indication and control. 2,199,256; Apr. 30.
De Florez, Luis, New York, N. Y. Aeronautical instrument. 2,208,666; July 23.

De Florez, Luis, New York, and E. Bach, Yonkers, N. Y.; said Bach assignor to said de Florez. Directional control. 2,196,385; Apr. 9.
De Florez, Luis, Pomfret, Conn., F. L. Herle, Warren, Pa., and J. H. Hirsch, New York, N. Y., assignors to De Florez Engineering Co., Inc., Hartford, Conn. Cracking hydrocarbon oils. 2,198,557; Apr. 23.
De Forest, Alfred V., Marlboro, N. H., assignor, by mesne assignments, to Magnaflux Corporation, Chicago, Ill. Apparatus for electromagnetic testing of paramagnetic materials. 2,217,733; Oct. 15.
De Francisci, Joseph, Brooklyn, N. Y. Apparatus for producing alimentary paste products. 2,223,351; Dec. 3.
De Francisci, Joseph, Brooklyn, N. Y. Rack rod loading mechanism for alimentary paste presses. 2,223,352; Dec. 3.
De Frank, William, Brooklyn, N. Y. Automatic time controlled switch mechanism. 2,218,950; Oct. 22.
De Frees, Harry L., Des Moines, Iowa. Steering column for passenger vehicles. 2,214,163; Sept. 10.
De Freitas, Joseph, Alameda, Calif. Pressure reducing device. 2,213,955; Sept. 10.
Dégallier, Edmond Th., Lausanne, Switzerland. Vehicle. 2,219,647; Oct. 29.
De Ganahl, Carl, Bristol, Pa., assignor, by mesne assignments, to Reconstruction Finance Corporation. Portable seam welder. 2,227,249; Dec. 31.
Degarth, John G., and L. Dombrowsky, Helsingfors, assignors, by mesne assignments, to Wärtsilä-Yhtymä O/Y.-Wärtsilä-Koncerner A/B, Vartsila, Finland. Bearing assembly. 2,187,600; Jan. 16.
Degea Aktiengesellschaft (Auergesellschaft). (See Weidert, F., and Löffler, assignors.)
De Generes, William E., Sunland, Calif. Staple remover. 2,215,662; Sept. 24.
Degenhard Graf von Wurmbrand-Stuppach. (See Insam, Theodor, assignor.)
Degenhardt, Hope H., et al., executrices. (See Hawley, Charles G.)
Deger, Thomas E. (See Olin, J. F., and Deger.)
Degerth, John G., Helsingfors, assignor, by mesne assignments, to Wärtsilä-Yhtymä O/Y.-Wärtsilä-Koncernen A. B., Vartsila, Finland. Arrangement in separators for prevention of foam creation. 2,186,822; Jan. 9.
De Gezelle, Arthur M., Sr., Thorndale, Pa. Bobbinless loom. 2,203,190; June 4.
Degge, Wilfred H. (See Beck, C. O., and Degge.)
De Giers, Clarence A., assignor to The Liquidometer Corporation, Long Island City, N. Y. Rheostat adjustment. 2,195,813; Apr. 2.
De Giers, Clarence A., assignor to The Liquidometer Corporation, Long Island City, N. Y. Journal and bearing. 2,221,372; Nov. 12.
De Give, Louis P., Atlanta, Ga. Moisture box. 2,201,389; May 21.
De Goencz, Denis, E. C. Tarnuzzer, and A. F. Stockwell, assignors to Arnold Print Works, North Adams, Mass. Producing permanent glaze chintz. 2,185,746; Jan. 2.
De Golyer, Anthony G., New York, N. Y. Alloy. 2,213,207; Sept. 3.
De Golyer, Anthony G., New York, N. Y. Alloy. 2,213,208; Sept. 3.
De Golyer, Anthony G., New York, N. Y. Alloy. 2,220,083; Nov. 5.
De Golyer, Anthony G., New York, N. Y. Alloy. 2,220,084; Nov. 5.
De Gooreynd, Peter K. (See Kingston, Arthur W., assignor.)
De Graaff, Antonius, Eindhoven, Netherlands, assignor to General Electric Company. Electric incandescent lamp. 2,203,897; June 11.
De Gray, Richard J. (See Carmichael, E. C., De Gray, and Prall.)
Degrelle, Georges, Marcq en Baroeul, Nord, France. Agricultural machine. 2,198,864; Apr. 30.
De Groot, Alfred E. (See Billman, L. M., and De Groot.)
De Groote, Melvin, University City, Mo., assignor, by mesne assignments, to Petrolite Corporation, Ltd. Composition of matter. 2,194,643; Mar. 26.
De Groote, Melvin, University City, Mo., assignor, by mesne assignments, to Petrolite Corporation, Ltd. Composition of matter. 2,194,644; Mar. 26.
De Groote, Melvin, University City, Mo., assignor, by mesne assignments, to Petrolite Corporation, Ltd. Composition of matter. 2,194,645; Mar. 26.
De Groote, Melvin, University City, Mo., assignor, by mesne assignments, to Petrolite Corporation, Ltd. Composition of matter. 2,194,646; Mar. 26.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Resolving petroleum emulsions. 2,226,118; Dec. 24.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Resolving petroleum emulsions. 2,226,121; Dec. 24.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Resolving petroleum emulsions. 2,226,122; Dec. 24.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Resolving petroleum emulsions. 2,226,123; Dec. 24.
De Groote, Melvin, St. Louis, Mo., assignor, by mesne assignments, to The Dow Chemical Company, Midland, Mich. Increasing the productivity of wells. 2,204,580; June 18.
De Groote, Melvin, University City, and B. Keiser and C. M. Blair, Jr., Webster Groves, Mo., assignors, by mesne assignments, to Petrolite Corporation, Ltd. Resolving petroleum emulsions. 2,192,993; Mar. 12.
De Groote, Melvin, University City, and B. Keiser and C. M. Blair, Jr., Webster Groves, Mo., assignors, by mesne assignments, to Petrolite Corporation, Ltd. Resolving petroleum emulsions. 2,192,994; Mar. 12.
De Groote, Melvin University City, and B. Keiser, and C. M. Blair, Jr., Webster Groves, Mo., assignors, by mesne assignments, to Petrolite Corporation, Ltd. Resolving petroleum emulsions. 2,192,995; Mar. 12.
De Groote, Melvin, University City, B. Keiser, and C. M. Blair, Jr., Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter. 2,216,312; Oct. 1.
De Groote, Melvin, University City, Mo., and A. F. Wirtel, Kirkwood, Mo., assignors, by mesne assignments, to Petrolite Corporation, Ltd. Resolving petroleum emulsions. 2,225,824; Dec. 24.
De Groote, Melvin, University City, B. Keiser, Webster Groves, and A. F. Wirtel, Kirkwood, Mo., assignors, by mesne assignments, to Petrolite Corporation, Ltd. New composition of matter and making same. 2,226,115; Dec. 24.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors, by mesne assignments, to Petrolite Corporation, Ltd. New composition of matter and making same. 2,226,116; Dec. 24.
De Groote, Melvin, University City, B. Keiser, and C. M. Blair, Jr., Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter. 2,226,117; Dec. 24.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Flooding process for recovering oil from subterranean oil-bearing strata. 2,226,119; Dec. 24.
De Groote, Melvin, University City, B. Keiser, Webster Groves, and A. F. Wirtel, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd, Wilmington, Del. Resolving petroleum emulsions. 2,226,120; Dec. 24.
De Groote, Melvin, University City, B. Keiser, and C. M. Blair, Jr., Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter. 2,226,124; Dec. 24.
De Groote, Melvin, University City, B. Keiser, and C. M. Blair, Jr., Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter. 2,226,125; Dec. 24.
De Groote, Melvin, University City, B. Keiser, and C. M. Blair, Jr., Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter. 2,226,126; Dec. 24.
De Guire, Georges A., Ville St. Laurent, near Montreal, Quebec, Canada. Separator. 2,191,190; Feb. 20.
De Haes, Jerome, Chicago, Ill. Current control clock. 2,203,944; June 11.
De Hamer, Janus R. (See Weber, H., and De Hamer.)
De Havilland Aircraft Company Limited, The. (See Thomas, Frederick M., assignor.)
Dehle, Otto T., Long Island City, N. Y. Washing machine basket. 2,199,539; May 7.
Dehmer, Edward G. W., Port Chester, N. Y. Indicating device. 2,222,284; Nov. 19.
Dehn, Joseph W., Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone testing circuit. 2,225,688; Dec. 24.
Dehn, William F., Nutley, and C. L. Karr, Newark, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Testing apparatus. 2,222,254; Nov. 19.
Dehne, Otto A., Union, Mo. Forming shoes. 2,194,693; Mar. 26.
De Hoff, Hugh C. (See Brown, D. F., and De Hoff.)
De Hoffmann, Alexander C., New York, N. Y. Self-releasing automobile bumper guard. 2,198,657; Apr. 30.
De Hoffmann, Alexander C., New York, N. Y. Self-releasing vehicle bumper. 2,205,592; June 25.
De Hoffmann, Alexander C., New York, N. Y. Reflector signal device. 2,226,159; Dec. 24.
Dehuff, Walter F., Glen Rock, Pa., assignor to American Machine & Foundry Company. Bowl handling mechanism for mixing machines. 2,186,478; Jan. 9.
Dehuff, Walter F., Glen Rock, Pa., assignor to American Machine & Foundry Company. Air vent for flour hoppers. 2,211,103; Aug. 13.
Deibel, Cyril P., Lakewood, Ohio. Carbonating apparatus and cooling unit. 2,201,429; May 21.
Deibel, Cyril P., Lakewood, Ohio. Apparatus for producing and storing carbonated water. 2,201,430; May 21.
Deily, Arthur T. (See Brooks, M. E., and Deily.)
De Iongh, Johan H., Wassenaar, Netherlands. Weighing apparatus. 2,222,140; Nov. 19.
Deisley, Edward J., Detroit, Mich., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body construction. 2,209,563; July 30.
Deisley, Edward J., and L. E. Ruehlmann, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle door. 2,211,257; Aug. 13.

Deitrich, Epily C., and D. V. Lisle, Pittsburgh, Pa. Fountain applicator. 2,212,513; Aug. 27.
Deitz, Louis S., Jr., Metuchen, N. J., and H. H. Weiser, Pleasant Plains, assignors to Nassau Smelting and Refining Company, Incorporated, New York, N. Y. Casting. 2,190,828; Feb. 20.
De Jahn, Fredrik W., New York, assignor to A. N. Mann, Scarsdale, N. Y. Catalyst for use in preparing chlorine. 2,191,980; Feb. 27.
De Jahn, Fredrik W., New York, assignor to A. N. Mann, Scarsdale, N. Y. Catalyst and preparing the same. 2,191,981; Feb. 27.
De Juhasz, Kalman J., State College, Pa. Fuel injection pump for Diesel Engines. 2,187,732; Jan. 23.
De Juhasz, Kalman J., State College, Pa. Valve. 2,187,733; Jan. 23.
Dekay, Frank J., Warwick, N. Y. Plug connector. 2,199,782; May 7.
Dekker, Adriaan J., Leiden, assignor to N. V. "Stroomlyn" Tot Exploitatie van Octrooien, The Hague, Netherlands. Rotary propeller and the like device. 2,186,064; Jan. 9.
Deknatel, Frederick H., La Grange, assignor to Mackie-Lovejoy Manufacturing Co., Chicago, Ill. Garment hanger. 2,212,978; Aug. 27.
De Koevend, Herman, Lake Cheeseman, Colo. Liquid level reporting apparatus. 2,202,517; May 28.
De Kok, Willem J. C. (See Waterman, H. I., Leendertse, and de Kok.)
Dekome, Arthur E., Garfield Heights, H. C. Dekome and V. J. Sedlon, Cleveland, Ohio. Holding means. 2,201,990; May 28.
Dekome, Herman C. (See Dekome, Arthur E., and H. C., and Sedlon.)
De Kramolin, Leon L., Berlin, Germany. Variable reactor. 2,200,263; May 14.
De Kramolin, Leon L., Gross-Glienicke, Berlin-Kladow, Germany. Tuning mechanism. 2,202,840; June 4.
De La Cierva, Juan, Aldwych, London, England, assignor, by mesne assignments, to Autogiro Company of America. Aircraft having freely rotative wings. 2,216,162; Oct. 1.
De la Cierva, Juan, deceased, Aldwych, London, England, by J. Josselyn, London, England, and R. Blake, Aldwych, London, England, administrators, assignors, by mesne assignments, to Autogiro Company of America. Aircraft with autorotative sustaining rotors. 2,216,768; Oct. 8.
De Lacy-Mulhall, Katherine. (See De Lacy-Mulhall, Patrick, assignor.)
De Lacy-Mulhall, Patrick, Los Angeles, Calif., assignor to Katherine De Lacy-Mulhall, widow of Patrick De Lacy-Mulhall, deceased, by court order and decree. System for irrigation. 2,209,961; Aug. 6.
De Lacy-Mulhall, Patrick, Los Angeles, Calif., deceased, assignor to Katherine De Lacy-Mulhall, widow. Sprinkler head. 2,214,852; Sept. 17.
Delamere Company. (See Graham, Philip J., assignor.)
Delamere Company. (See Huppert, William, assignor.)
Delamere, Granville S. (See Hollingshead, Le Grande R., assignor.)
Delamere, Rudolf D., Toronto, Ontario, assignor of one-third to V. G. Williams and one-third to E. R. Grange, Toronto, Ontario, Canada. Wrapping machine. 2,196,910; Apr. 9.
Delamere, Rudolf D., and W. M. Hutcheon, assignors to A. R. Clarke & Company, Limited, Toronto, Ontario, Canada. Viscosimeter. 2,203,132; June 4.
De Lamprecht, Rodolphe, Santa Monica, Calif. Increasing the combustibility of Hydrocarbon fuels. 2,194,887; Mar. 26.
De Lancey, Ralph W., Meriden, Conn. Fuel feed control. 2,219,473; Oct. 29.
De Land, John D. R., Anaheim, Calif. Wind control means for protecting orchards and fields. 2,193,062; Mar. 12.
De Land, John D., Anaheim, Calif. Orchard protective system. 2,208,881; July 23.
Delaney, Cyril T. (See Belaieff, J. F., and Delaney.)
Delaney, Daniel J., North Arlington, N. J. Fluorescent lamp. 2,201,390; May 21.
Delaney, Joseph A., Jersey City, N. J. Stovepipe. 2,225,556; Dec. 17.
Delaney, Thomas A., assignor to C. S. Brown, Syracuse, N. Y. Actuating mechanism for mowing machine knives. 2,214,662; Sept. 10.
De Lange, Cornelis, and J. D. de Vries, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., trustee. Electrolytic condenser. 2,213,209; Sept. 3.
De Lange, Owen E., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission of frequency-modulated waves. 2,218,526; Oct. 22.
Delano, Leonard, Minneapolis, Minn. Theftproof lamp socket. 2,204,666; June 18.
De Lanty, Loren J. (See Jones, G. L., Perry, and De Lanty.)
De Lanty, Loren J., Spring Valley, N. Y., assignor to Sperry Products, Inc., Hoboken, N. J. Apparatus for testing metallic articles. 2,215,605; Sept. 24.
Delanty, Thomas W., Evanston, Ill., assignor to Apex Railway Products Co., Chicago, Ill. Running board. 2,208,020; July 16.
Delanty, Thomas W., Evanston, assignor to Apex Railway Products Co., Chicago, Ill. Running board and the like. 2,208,021; July 16.
Delanty, Thomas W., Evanston, assignor to Apex Railway Products Company, Chicago, Ill. Grab iron construction for railway cars. 2,209,308; July 30.
Delany, John J., Brooklyn, N. Y., assignor of one-tenth to J. D. Langdon, Los Angeles, Calif. Vacuum breaker for flush valves. 2,216,808; Oct. 8.
De Larm, Guy H., Bakersfield, Mo. Radio timing device. 2,195,642; Apr. 2.
De la Sabloniere, Christian Jan de L., Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Circuit for amplifying electrical oscillations. 2,194,180; Mar. 19.
De la Tramerye, Raymond, assignor to Societe Anonyme Tubest, Paris, France. Shielding system for the ignition circuits of internal combustion engines. 2,194,888; Mar. 26.
Delaval-Crow, Thomas C., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Lubricating device. 2,224,255; Dec. 10.
De Laval Separator Company, The. (See Andersson, Gustave H., assignor.)
De Laval Separator Company, The. (See Berwick, Frederick W. and A. G., assignors.)
De Laval Separator Company, The. (See Eastwood, Herbert S., assignor.)
De Laval Separator Company, The. (See Forsberg, Erik A., assignor.)
De Laval Separator Company, The. (See Hall, Selden H., assignor.)
De Laval Separator Company, The. (See Hanno, Tore V., assignor.)
De Laval Separator Company, The. (See Hapgood, Cyrus H., assignor.)
De Laval Separator Company, The. (See Hulbert, John L., assignor.)
De Laval Separator Company, The. (See Lindgren, Hans O., assignor.)
De Laval Separator Company. (See Magni, Karl G., assignor.)
De Laval Separator Company, The. (See Miller, Theodore H., assignor.)
De Laval Separator Company, The. (See Scott, Walter A., assignor.)
De Laval Separator Company, The. (See Stigen, Alf L., assignor.)
De Laval Separator Company, The. (See Strezynski, George J., assignor.)
De Laval Steam Turbine Company. (See Peterson, Arvid, assignor.)
De Lavaud, Dimitri S. (See de Lavaud, Robert S., assignor.)
De Lavaud, Dimitri S., Paris, France. Rotary engine. 2,189,976; Feb. 13.
De Lavaud, Robert S., assignor to D. S. de Lavaud, Paris, France. Hydraulic device for transmitting movement. 2,187,937; Jan. 23.
Delaware Chemical Engineering & Development Company. (See Alexander, H. L., and Foulke, assignors.)
Delaware Chemical Engineering and Development Company. (See Foulke, Willing B., assignor.)
Del Bene, Leon, Ridgefield, N. J. Welding electrode tongs. 2,213,306; Sept. 3.
Del Camp, Scipione M., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Contact member for sockets of plug and socket devices. 2,188,530; Jan. 30.
Del Camp, Scipione M., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Switch and radio tube socket assembly. 2,197,426; Apr. 16.
Del Camp, Scipione M., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Fastener attaching member and fastener installation. 2,201,611; May 21.
Del Camp, Scipione M., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Cord-anchoring device. 2,205,348; June 18.
Del Camp, Scipione M., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Lamp holder assembly. 2,225,584; Dec. 17.
Delen, Magnus N., New York, N. Y. Water cooling and carbonating device. 2,195,449; Apr. 2.
Deletzke, Norman E. H., Chicago, Ill., assignor to Cherry-Burrell Corporation, Wilmington, Del. Closure for containers. 2,193,226; Mar. 12.
Deletzke, Norman E. H., assignor to Cherry-Burrell Corporation, Wilmington, Del. Closure for containers. 2,193,227; Mar. 12.
Delfel, Charles W., Portland, Oreg. Lighting fixture. 2,211,258; Aug. 13.
Delfox, James G. (See Lansing, H. L., and Delfox.)
Delfs, Detlef. (See Kleiner, H., Delfs, and Bayer.)
Delfs, Detlef, Leverkusen-I.G.-Werk, Germany, assignor to General Aniline & Film Corporation. Copper containing azo dyestuffs. 2,193,228; Mar. 12.
Delfs, Detlef, Leverkusen-I. G. Werk, Rhine, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Addition products of 3,4 dehydrocyclotetramethylene sulphone. 2,219,006; Oct. 22.
Delfs, Detlef, Dusseldorf, and R. Stüsser, Cologne, Germany, assignors to General Aniline & Film Corporation. Azo dyestuffs. 2,212,590; Aug. 27.
Delgado, Luis F., Copper Creek, Ariz. Taper measuring caliper. 2,207,480; July 9.
Delhaye, Leslie. (See Delhaye, Roy J., and L.)

Delhaye, Roy J. and L., Highland Park, Ill. Sanitary water closet seat. 2,202,095; May 28.
De Lillo, Edward, Brockton, Mass. Paint protector. 2,210,233; Aug. 6.
Delin, August L., Montclair, N. J. Golf bag support. 2,214,579; Sept. 10.
Deline, Walter W., Denver, Colo. Cardboard box. 2,198,658; Apr. 30.
De Lisle, Harold L., Two Rivers, Wis. Large size vertical filing means. 2,185,763; Jan. 2.
De Lisle, Harold L., Two Rivers, Wis. Drafting means. 2,194,889; Mar. 26.
De Liso, Vincent, Astoria, Long Island, N. Y. Buckle or similar article. 2,219,514; Oct. 29.
De Liso, Vincent, Astoria, Long Island, N. Y. Shoe. 2,223,339; Dec. 3.
Dell, Albert P. C., Chippendale, New South Wales, Australia. Reinforcing member for the springs of motor driven vehicles. 2,205,086; June 18.
Dell, Cyril, Berkhamsted, and H. L. Read, Hutton Mount, assignors to D. H. Green, Westminster, London, England. Temporary beam for building construction. 2,202,096; May 28.
Dell, Edward F. (See Breman, F. J., and Dell.)
Dell, Edward F. (See Davidson, W. W., Jr., and Dell.)
Dell, Kenneth H., et al. (See Scheel, Wilhalm F., assignor.)
Dell, Miles J., Mapleton Depot, Pa. Oil pan fitting. 2,192,543; Mar. 5.
Dell, Norman E., Buffalo, N. Y. Pumping apparatus. 2,217,796; Oct. 15.
Dellar, Mose R., Spokane, Wash. Culinary hand tool. 2,219,413; Oct. 29.
Delleani, Maurizio, Genoa, Italy. Reinforced valve body. 2,208,180; July 16.
Del-Mac Shoe Process Corporation. (See Quinn, Edward, assignor.)
Delman Inc. (See Sabo, Louis, assignor.)
Del Mar, William A., Greenwich, Conn., assignor to Phelps Dodge Copper Products Corporation, New York, N. Y. Electric cable. 2,190,017; Feb. 13.
Del Mar, William A., Greenwich, Conn., assignor to Phelps Dodge Copper Products Corporation, Dover, Del. Impregnated paper insulation for electric cables. 2,190,018; Feb. 13.
Deloison, Auguste M. (See Langlois, G. A., and Deloison.)
De Long, Frank E., deceased, Washingtonville; First National Bank, Danville, Pa., executor. Fastener. 2,206,945; July 9.
DeLong, James E., and J. B. Fisher, assignors to Waukesha Motor Company, Waukesha, Wis. Internal combustion engine. 2,208,750; July 23.
Delorme, Jean, Aubiere, France, assignor to George Morrell Corporation, Muskegon, Mich. Thermoplastic protein composition. 2,202,623; May 28.
Delpech, Gaston, Meudon, assignor to Societe Anonyme des Manufactures des Glaces & Produits Chimiques des Saint-Gobain, Chauny & Cirey, Paris, France. Electrical furnace. 2,214,123; Sept. 10.
Del Principe, Emil N., assignor to Sears, Roebuck and Co., Chicago, Ill. Accordion. 2,189,531; Feb. 6.
Del Sesto, Angelo, Providence, R. I. Interchangeable initial frame. 2,213,097; Aug. 27.
Del Signore, Antonio, Boston, Mass. Oven. 2,195,686; Apr. 2.
Delta Electric Company. (See Crimmins, William C., assignor.)
Delta Electric Company. (See Wiley, Lee M., assignor.)
Delta Manufacturing Company. (See Tautz, Herbert E., assignor.)
Delta Manufacturing Company, The. (See Tautz, H. E., and Butzin, assignors.)
Delta Star Electric Company, The. (See Hampton, Weldon O., assignor.)
Delta-Star Electric Company. (See (Hampton, W. O., and Nessler, assignors), and Wenz.)
De Luco, Rose M., Jersey City, N. J. Infant's undergarment. 2,201,662; May 21.
Delzar, Exequiel. (See Prina, J., and Delzar.)
Demag Aktiengesellschaft. (See Kocks, Fritz, assignor.)
Francisco, Calif. Lettuce packing machine. 2,215,094; Sept. 17.
De Manghi, Elda G. B., Buenos Aires, Argentina. Automatic hydraulic lifting device for vehicles. 2,212,591; Aug. 27.
De Manghi, Elda G. B., Buenos Aires, Argentina. Wheel. 2,212,592; Aug. 27.
Demaree, Harry S., Chicago, Ill., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,223,353; Dec. 3.
Demarest, Thomas W. (See Meyer, W. J., and Demarest.)
Demarest, Thomas W. (See Nonemaker, H. A., and Demarest.)
De Mars, John W., Salinas, assignor, by mesne assignments, to Paterson Pacific Parchment Company, San
De Mask, Martin J., Pittsfield, Mass. Bus duct. 2,191,645; Feb. 27.
De Mattia, Barthold, Clifton, N. J. Apparatus for treating plastic material. 2,212,494; Aug. 27.
De Mattia, Peter, Passaic, N. J. Apparatus for molding slide fastener teeth. 2,197,968; Apr. 23.
Demco Library Supplies, Inc. (See Bassett, Norman D., assignor.)
De Mering, Boris S., Houston, Tex., assignor to Standard Oil Development Company. Method and agent for breaking water-in-oil emulsions. 2,209,445; July 30.
Demers, Rene J., Lawrence, Mass. Power tool for removing old putty. 2,197,207; Apr. 16.
Demerse, Russell, Saranac Lake, N. Y. Roller skate. 2,197,519; Apr. 16.
De Millar, Floyd O., Warwick, R. I., assignor to Elastic Knitted Wire Co. Inc. Wire knitting machine. 2,223,354; Dec. 3.
Deming, Frederick G., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Garment clasp. 2,214,524; Sept. 10.
Deming, George M., East Orange, assignor to Air Reduction Company, Incorporated, New York, N. Y. Large-capacity regulator. 2,194,420; Mar. 19.
Deming, George M., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Carbide feed mechanism. 2,222,171; Nov. 19.
De Milt, Arnold C., Neenah, Wis. Game. 2,203,456; June 4.
De Minico, Charles, Winthrop, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Last. 2,199,483; May 7.
Demler, Ray C., assignor to Pacific Forest Industries, Tacoma, Wash. Method and machine for wrapping packages. 2,215,545; Sept. 24.
Demmler, Rudolph H., Colorado Springs, Colo. Pump jack. 2,197,018; Apr. 16.
Demontvignier, Marcel, assignor to Hewittic "Societe Anonyme", Suresnes, France. Control device for rectifiers with ionized vapor. 2,190,353; Feb. 13.
Demory, Harry, Cedar Rapids, Iowa. Harvesting device. 2,188,768; Jan. 30.
Demosthenes, Nicholas, Savannah, Ga. Burglar alarm. 2,208,721; July 23.
De Motte, Maurice P., C. H. Baker, and R. C. Pierson, Indianapolis, Ind., assignors, by mesne assignments, to Oxweld Acetylene Company. Acetylene generator. 2,188,277; Jan. 23.
De Motte, Maurice P., Indianapolis, Ind., assignor to Oxweld Acetylene Company. Acetylene generator. 2,188,278; Jan. 23.
Dempsey, Arthur E., Jr., Council Bluffs, Iowa, assignor, by mesne assignments, to North American Car Corporation, Chicago, Ill. Air conditioning apparatus. 2,203,406; June 4.
Dempsey, Lawrence E., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Fishing rod handle. 2,219,474; Oct. 29.
Dempsey, Philip W., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Making gaskets. 2,201,576; May 21.
Dempsey, Roland L., Fitchburg, Mass. Drier felt 2,209,874; July 30.
Dempster Mill Manufacturing Company. (See Elliott, William, assignor.)
Dempster, George R., Knoxville, Tenn. Transporting and dumping vehicle. 2,199,520; May 7.
Demsey, Michael E., Cleveland, Ohio. Medication appliance. 2,209,192; July 23.
Demsky, Herbert. (See Baesgen, W., Demsky, and Pätzold.)
De Muir Products Laboratories Inc. (See Abbott, Richard H. S., assignor.)
De Mund, Charles W. and L. D., Phoenix, Ariz. Evaporative air cooler. 2,187,019; Jan. 16.
De Mund, Lester D. (See De Mund, Charles W. and L. D.)
De Murguiondo, Jose H., Olney, Md. Quick freezing ice tray. 2,214,525; Sept. 10.
Demuth, Charles, Jamaica, N. Y. Air conditioning register. 2,190,937; Feb. 20.
De Muth, Charles J., Boston, assignor to W. J. McDonald, Malden, Mass. Curtain fixture. 2,192,882; Mar. 12.
Demuth, Galan W., Westville, N. J., assignor to Radio Corporation of America. Electrical musical instrument. 2,220,709; Nov. 5.
Demuth, Galan W., Westville, N. J., assignor to Radio Corporation of America. Electrical musical instrument. 2,225,299; Dec. 17.
Demuth, Galan W., Moorestown, N. J., assignor to Radio Corporation of America. Volume control means. 2,225,689. Dec. 24.
Dench, Edward C., South Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Discharge lamp circuit. 2,200,443; May 14.
Denesha, Floyd G. (See Hicks, Earl J., assignor.)
De Nicolais, Ernest, New York, N. Y. Window sash supporting and locking means. 2,199,484; May 7.
De Nie, Willem L. J. (See Waterman, H. R., and de Nie.)
De Nie, Willem L. J. (See Waterman, H. I., and de Nie.)
Denig, Fred, Pittsburgh, Pa., assignor to Koppers Company. Coke oven structure. 2,186,237; Jan. 9.
Deninson, Jacob Z., New York, N. Y. System of scanning or projecting pictures. 2,194,972; Mar. 26.
Deninson, Jacob Z., New York, N. Y. Apparatus for producing images. 2,214,013; Sept. 10.
Denison, Frederick S., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Setting mechanism. 2,193,790; Mar. 19.

Denison, Frederick S., Minneapolis, and W. H. Gille, St. Paul, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Stoker control. 2,215,067; Sept. 17.
Denison, Frederick S., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Valve mechanism. 2,222,141; Nov. 19.
Denison, Frederick S., and D. G. Taylor, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Combustion control. 2,221,164; Nov. 12.
Denison, Frederick S., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Stoker control system. 2,226,293; Dec. 24.
Denison, George H., Jr. (See Gardiner, E. W., and Denison.)
Denison, George W., Bay Village, and L. A. Denison, Cleveland Heights, Ohio. Method and apparatus for making bricks. 2,191,106; Feb. 20.
Denison, Leonard A. (See Denison, George W. and L. A.)
Denison, Percival L. O., and G. C. Guest, assignors to The National Cartage and Storage Limited, Winnipeg, Manitoba, Canada. Sliding vehicle door. 2,206,599; July 2.
Denker, Charles T., Chicago, Ill. Heating system. 2,194,694; Mar. 26.
Denker, Rudolf F. A., Denison, Iowa. Typographical casting machine. 2,201,336; May 21.
Denman, Harry B., assignor to Detroit Gasket & Mfg. Co., Detroit, Mich. Making brake backs. 2,185,333; Jan. 2.
Denman, Harry B., assignor to Detroit Gasket & Mfg. Co., Detroit, Mich. Cork composition. 2,186,284; Jan. 9.
Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Apparatus for progressive heat treatment. 2,202,758; May 28.
Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Heat treatment of shafts and the like. 2,202,759; May 28.
Denneen, Francis S., Cleveland, W. C. Dunn, Shaker Heights, and C. N. Mitchell, Berea, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Producing a heat treated article. 2,213,241; Sept. 3.
Denner, Heinrich. (See Krzikalla, H., Schoeller, Pannwitz, and Denner.)
Dennett, Devon, Long Island City, N. Y. Screen or the like. 2,210,652; Aug. 6, 1940.
Dennett, Evelyn, et al. (See Waite, Charles F., assignor.)
Denney, Courtlandt F., Westfield, N. J., assignor to Foster Wheeler Corporation, New York, N Y. Heater. 2,191,273; Feb. 20.
Denning, Paul S., assignor to F. E. Schundler & Co., Inc., Joliet, Ill. Plaster. 2,197,566; Apr. 16.
Denning, Paul S., assignor to F. E. Schundler & Co., Inc., Joliet, Ill. Insulating material and its manufacture. 2,204,581; June 18.
Dennis, Basil W., Pittsburgh, Pa., assignor to Perfect Bond Asphalt Company, Baltimore, Md. Flexible coupling. 2,209,325; July 30.
Dennis, Fred O. (See Rasco, Russell A., assignor.)
Dennis, Harry E., Mount Lebanon, Pa. Clothesline support. 2,210,568; Aug. 6.
Dennis, Helen R., Chicago, Ill. Sanitary fixture. 2,185,887; Jan. 2.
Dennis, Herbert J., Winnipeg, Manitoba, Canada. Weather strip. 2,209,446; July 30.
Dennis, James W., Elbert County, Colo. Cactus eradicator. 2,214,498; Sept. 10.
Dennis, John H., West Islip, and J. V. King, Islip, N. Y. Gas burner. 2,200,264; May 14.
Dennis, John, Jr., Birmingham, Ala. Foldable bed. 2,222,222; Nov. 19.
Dennis, Luther D., Comanche, Okla. Dispensing machine chute. 2,210,653; Aug. 6.
Dennis, Martin, Company, The. (See Bersworth, Frederick C., assignor.)
Dennison, Brook J., Aspinwall, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Laminated safety glass. 2,194,013; Mar. 19.
Dennison, Earnest A., Longparish, Andover, England. Link chain. 2,188,833; Jan. 30.
Dennison, Frank G., Newtonville, assignor to Spray Engineering Company, Somerville, Mass. Apparatus for treating workpieces. 2,201,991; May 28.
Dennison Latch Company, Inc., The. (See Dennison, Orvie G., assignor.)
Dennison Manufacturing Company. (See Asnes, Benjamin, assignor.)
Dennison Manufacturing Company. (See Bates, Methyl, assignor.)
Dennison Manufacturing Company. (See Flood, Carl A., assignor.)
Dennison Manufacturing Company. (See Kallander, Ernest L., assignor.)
Dennison, Orvie G., assignor, by mesne assignments, to The Dennison Latch Company, Incorporated, Lexington, Tenn. Latch mechanism. 2,205,973; June 25.
Dennison, Willie. (See Newton, John R., assignor.)
Denny, Charles M., Newburgh, N. Y. Tieback fastener. 2,210,799; Aug. 6.
Denny, George D., assignor to Lowe Paper Company, Ridgefield, N. J. Foldable box. 2,189,602; Feb. 6.
Denoix, Paul E. J., Paris, France, assignor to Sageb, Société Anonyme de Gestion et d'Exploitation de Brevets, Fribourg, Switzerland. Piece of ordnance. 2,194,849; Mar. 26.
Denoix, Paul E. J., Paris, France, assignor to Sageb, Société Anonyme de Gestion et d'Exploitation de brevets, Fribourg, Switzerland. Piece of ordnance. 2,199,878; May 7.
Denoix, Paul E. J., Paris, France, assignor to Sageb, Société Anonyme de Gestion et d'Exploitation de Brevets, Fribourg, Switzerland. Projectile. 2,206,809; July 2.
Densmore, Le Roy F., assignor to Snap-On Tools, Inc., Kenosha, Wis. Forming detents. 2,216,878; Oct. 8.
Denson, Dewey E., Orlando, Fla. Fuel mixing and supply apparatus. 2,216,722; Oct. 8.
Dent, Charles E., and W. A. Silvester, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Halogenated phthalocyanines. 2,195,984; Apr. 2.
Dent, Charles E. (See Linstead, R. P., and Dent.)
Dent, Charles E., London, England, assignor to Imperial Chemical Industries Limited. Manufacture of finely divided phthalocyanine pigments. 2,214,454; Sept. 10.
Dent, Harold F. (See Cain, J. C., and Dent.)
Dent, Harry M., Eggertsville, and A. F. Shepard, Kenmore, assignors to General Plastics, Inc., North Tonawanda, N. Y. Resinous product. 2,186,406; Jan. 9.
Dent, Herbert, Chicago, Ill. Manufacture of plaited silk lamp shades. 2,224,340; Dec. 10.
Dentag, Erwin G. (See Mitnitzky, Mark, assignor.)
Dental Research Corporation. (See Erdle, Reiner W., assignor.)
Dentists' Supply Company of New York, The. (See Sheppard, John R., assignor.)
Dentler, Arnold E., Hinsdale, assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorber. 2,216,231; Oct. 1.
Denver Chemical Manufacturing Company, The. (See Galat, Alexander, assignor.)
Denver Fire Clay Company, The. (See Ives, John, assignor.)
Denz, Leopold J., Chicago, Ill., and A. Daniels, South Minneapolis, Minn., assignors, by mesne assignments, to Poor & Company. Apparatus for resetting rail anchor jaws. 2,195,450; Apr. 2.
Denzer, Herbert B., North Freedom, Wis. Clevis. 2,188,036; Jan. 23.
De Perrot, Ernest, Los Angeles, Calif. Drift indicator. 2,190,977; Feb. 20.
Depew, Harlan A., Columbus, Ohio, assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Making zinc sulphide. 2,201,522; May 21.
De Phillips, Henry A., New York, N. Y. Composition for sound recording disks. 2,203,983; June 11.
De Place, Henri L. M. J., Paris, France. Differential. 2,220,513; Nov. 5.
De Port, Théophile, Dayton, Ohio. Oleo device for landing gears and the like. 2,185,801; Jan. 2.
De Port, Théophile, New Carlisle, Ohio. Oleo device for landing gears and the like. 2,185,802; Jan. 2.
De Port, Théophile, New Carlisle, Ohio. Shock absorber. 2,186,011; Jan. 9.
De Prume, Blanche, New York, N. Y. Grapefruit cutter. 2,210,974; Aug. 13.
De Puy, Charles T., assignor to Trimble Nurseryland Furniture, Inc., Rochester, N. Y. Attachment for infant's folding bath stand and dressing table. 2,217,658; Oct. 15.
Depweg, Leonard S. (See Manning, D. C., and Depweg.)
Dequevauviller, George E. (See Wheeler, C. M., and Dequevauviller.)
Derby, John H., Scarsdale, N. Y. Fire alarm switch. 2,209,193; July 23.
Derby, Norman L., Philadelphia, Pa. Reversed bimetallic thermal element. 2,189,459; Feb. 6.
Derby, Norman L., Philadelphia, Pa. Heater and thermo control therefor. 2,216,809; Oct. 8.
Derby, Samuel E., assignor to Schutte & Koerting Co., Philadelphia, Pa. Heat exchanger. 2,223,238; Nov. 26.
Derby Sealers, Incorporated. (See Krueger, Alfred P., assignor.)
Derbyshire, Jim, Nelson, and W. E. Fishwick, Brierfield, England. Gas meter. 2,223,555; Dec. 3.
Derbyshire, William B., Philadelphia, Pa. Combination collar button and necktie support. 2,220,955; Nov. 12.
De Reamer, Frank C., Bridgeport, Conn., assignor to General Electric Company. Socket structure. 2,201,853; May 21.
De Reamer, William J., Crown Point, assignor to Mapes Consolidated Manufacturing Company, Griffith, Ind. Bottle package. 2,216,339; Oct. 1.
Deren, Pincus. (See Birdseye, C., and Deren.)
Deren, Pincus, Magnolia, assignor, by mesne assignments, to Birdseye Electric Corporation, Gloucester, Mass. Making reflecting surfaces. 2,193,555; Mar. 12.
De Rey, Emmanuel, Berchem (Antwerp), Belgium. Roasting furnace. 2,202,444; May 28.
Derhammer, Claude W., East Cleveland, assignor to The Lakeside Steel Improvement Company, Cleveland, Ohio. Apparatus for hardening gears, gear teeth, and other articles. 2,189,460; Feb. 6.

De Ridder, Gysbert F., East Chicago, and R. H. Crosby, Hammond, Ind., assignors to Shell Development Company, San Francisco, Calif. Cooling flue gas. 2,218,281; Oct. 15.
Derig, Will M. (See Krieger, Stewart O., assignor.)
Derman, Harry, Laurelton, Long Island, N. Y. Garment hanger and constructing the same. 2,195,920; Apr. 2.
Derman, Harry, Laurelton, Long Island, N. Y. Double door closet. 2,200,329; May 14.
Derman, Harry, Laurelton, Long Island, N. Y. Collapsible cabinet. 2,206,347; July 2.
Derman, Harry, Laurelton, Long Island, N. Y. Collapsible closet. 2,206,767; July 2.
Derman, Harry, Laurelton, N. Y. Corner reinforcing plate. 2,221,283; Nov. 12.
Deroche, Raymond, Paris, France, assignor to Compagnie Generale De Telegraphie Sans Fil. Grid. 2,195,079; Mar. 26.
Deroche, André, Fontgombaut, France. Manufacture of armored electric heating elements. 2,199,879; May 7.
Deroche, André, Fontgombaut, France. Electrical cable and conductor and manufacturing the same. 2,202,575; May 28.
De Roo, William C. (See Schwarz, B. A., and De Roo.)
De Roo, William C., and B. A. Schwartz, Kokomo, Ind., and J. Agramonte, Birmingham, assignors to General Motors Corporation, Detroit, Mich. Radio antenna. 2,203,945; June 11.
De Roy, M. S. (See Lovett, Sidney R., assignor.)
Derr, Willard A. (See Condon, E. U., Tawney, and Derr.)
Derrickson, Carl H. (See Leatherman, Clarence M., assignor.)
Derrig, Joseph A., Mount Prospect, Ill. Hydraulically operating braking system. 2,201,523; May 21.
Derrom, Donald L., Sao Paulo, Brazil. Rotary kiln. 2,210,482; Aug. 6.
Derry, Gardner C., Sharon, Mass. Electrostatic gas cleaner. 2,215,807; Sept. 24.
Derry, Jasper, Medford, assignor to Terkelsen Machine Company, Boston, Mass. Folder. 2,219,174; Oct. 22.
Derungs, Ernest A., Neuilly-sur-Seine, France. Automatic control means for vehicles. 2,207,481; July 9.
Derungs, Ernest A., Neuilly-sur-Seine, France. Electromagnetic remote control device. 2,220,813; Nov. 5.
Désagnat, Gaston, Paris, France. Decorative wall covering. Re. 21,313; Jan. 2.
Desamari, Kurt, Leverkusen I. G. Werk, and R. Hebermehl, Cologne-Deutz, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Aromaticaliphatic acetals. 2,206,883; July 9.
De Sanctis, Helen, New York, N. Y. Dog leash. 2,196,627; Apr. 9.
De Saussure Equipment Company. (See De Saussure, William P., Jr.)
De Saussure, James P., et al. (See De Saussure, William P., Jr., assignor.)
De Saussure, William P., Jr., Englewood, N. J. Folding table. 2,202,624; May 28.
De Saussure, William P., Jr., Englewood, assignor to W. P. De Saussure, Jr., and J. P. De Saussure, copartners, doing business as De Saussure Equipment Company, West New York, N. J. Table top and the like. 2,194,421; Mar. 19.
De Save, Paul C., Redhill, assignor to Printing Processes Limited, London, England. Machine for color printing. 2,226,807; Dec. 31.
Deschamps, Wilfred, Detroit, Mich. Bed, and particularly bed pivoted to assume an upright position. 2,202,248; May 28.
Deschenes, Emile A., Salem, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Safety guard for presses and the like. 2,196,195; Apr. 9.
Deschner, Richard E., Los Angeles, Calif. Pouring sleeve and cap. 2,193,805; Mar. 19.
Deseke, Wilhelm. (See Kerstan, W., Diehl, and Deseke.)
Deserno, Peter. (See Rogowski, W., and Deserno.)
De Seversky, Alexander P., Northport, N. Y., assignor to Seversky Aircraft Corporation. Aircraft wing. 2,191,342; Feb. 20.
De Seversky, Alexander P., New York, N. Y., assignor to Seversky Aircraft Corporation. Aircraft pilot's seat. 2,193,449; Mar. 12.
De Seversky, Alexander P., Locust Valley, N. Y. Spinner for aircraft. 2,194,890; Mar. 26.
De Seversky, Alexander P., Locust Valley, assignor to Seversky Aircraft Corporation, Farmingdale, N. Y. Aircraft structure. 2,207,242; July 9.
De Seversky, Alexander P., Northport, N. Y., assignor to Seversky Aircraft Corporation. Aircraft structure. 2,214,722; Sept. 10.
De Seversky, Alexander P., Northport, N. Y., assignor to Seversky Aircraft Corporation. Aircraft. 2,219,980; Oct. 29.
Desfachelles, Alexandre, A Ronchin, Nord, France, assignor to General Electric Company. Control device. 2,224,596; Dec. 10.
Deshon, George W., Paris, and P. E. M. Amann, Vitry, France, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Method of and apparatus for upsetting hollow rivets. 2,185,939; Jan. 2.
De Silva, Harry R., Cambridge, Mass. Apparatus for ascertaining vision sensitivities. 2,224,564; Dec. 10.
De Simó, Martin, Piedmont, assignor to Shell Development Company, San Francisco, Calif. Production of carbon disulphide. 2,187,393; Jan. 16.
De Simo, Martin, Piedmont, H. C. Lawton, and A. G. Loomis, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Removing paraffin wax from wells. 2,214,363; Sept. 10.
Desimone, Anthony J., Lyndhurst, assignor to Bright Star Battery Company, Clifton, N. J. Flashlight. 2,204,752; June 18.
Desimone, Anthony J., Lyndhurst, assignor to Bright Star Battery Company, Clifton, N. J. Flashlight. 2,225,825; Dec. 24.
De Simone, Michele G., Stapleton, Staten Island, N. Y. Electromechanical mechanism for actuating calculating machines and recording the results therefrom. 2,195,080; Mar. 26.
De Sipio, Anthony T., J. Bongiovanni, and J. J. Ricci, Philadelphia, Pa. Soap dispenser. 2,196,356; Apr. 9.
De Sipio, Anthony, T. J., Bongiovanni, and J. J. Ricci, Philadelphia, Pa. Soap dispenser. 2,200,024; May 7.
Des Jardins, Wilfrid H., Haverhill, Mass. Chalk holder. 2,206,600; July 2.
Desmond, James M., Great Neck, N. Y., assignor to American Telephone and Telegraph Company. Printing telegraph system. 2,190,540; Feb. 13.
Desoutter, Charles, London, England. Electric motor. Re. 21,578; Sept. 24.
Despain, Roy, Springville, Utah. Camper's pack. 2,197,427; Apr. 16.
Despatch Shops, Inc. (See Steuber, George A., assignor.)
Des Roches, Philip W., Detroit, Mich. Compressor valve. 2,193,123; Mar. 12.
Desruisseaux, Armand, Montreal, Quebec, Canada. Shower bath appliance. 2,188,593; Jan. 30.
Dessèvre, Jean, Grand-Couronne, France. Separation, by floating, of ammonium chloride from its mixture with alkaline salts. 2,189,488; Feb. 6.
De St. Cyr, William H., Chicago, Ill. Method and apparatus for treating the skin. 2,210,618; Aug. 6.
De Stefani, Tully, assignor, by mesne assignments, to The Bastian-Blessing Company, Chicago, Ill. Dispenser drum. 2,219,206; Oct. 22.
Dester, William F. (See Good, J. H., and Dester.)
De Sternberg, Jaime, Montigny-les-Cormeilles, France. Machine for the molding or casting under pressure of metals. 2,191,789; Feb. 27.
De Tar, Donald R., Stratford, Conn., assignor to General Electric Company. Tuning system. 2,186,823; Jan. 9.
Deters, John A. L., Chicago, Ill. Indicating and measuring instrument. 2,203,984; June 11.
Detjen, Albert W., Glendale, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Piston expander. 2,206,810; July 2.
Detlor, Robert S., Westmount, Quebec, Canada. Combustion device. 2,199,783; May 7.
Detmers, Fred E., Los Angeles, Calif. Combination accelerator and brake control for vehicles. 2,203,777; June 11.
Det norske Aktieselskab for Elektrokemisk Industri. (See Sem, Mathias O., assignor.)
Det norsćke Aktieselskab for Elektro-kemisk Industri. (See Manfredini, Luigi, assignor.)
Detrick, Edward R., assignor to National Automotive Fibres, Inc., Detroit, Mich. Pad. 2,218,745; Oct. 22.
Detrick, M. H., Company. (See Hosbein, Louis H., assignor.)
Detrick, Stanley R. (See Dahlen, M. A., and Detrick.)
Detroit Broach Company. (See Kaplan, L. I., and von Reis, assignors.)
Detroit Duo-Grip Brake Company. (See Rosenberg, Ralph H., assignor.)
Detroit Edison Company, The. (See Galbaith, R. A., Sampson, and Thomas, assignors.)
Detroit Edison Company, The. (See Komives, L. J., Wyatt, Courtis, Thomas, and Piper, assignors.)
Detroit Edison Company, The. (See Sheridan, Frederick R., assignor.)
Detroit Gasket & Mfg. Company. (See Balfe, George T., assignor.)
Detroit Gasket & Mfg., Co. (See Denman, Harry B., assignor.)
Detroit Harvester Company. (See Floraday, Burton S., assignor.)
Detroit Harvester Company. (See Kost, Harold W., assignor.)
Detroit Harvester Company. (See Nazarko, John, assignor.)
Detroit Harvester Company. (See Nicholson, Stanley W., assignor.)
Detroit Harvester Company. (See Wagner, Robert W., assignor.)
Detroit Hoist and Machine Company. (See Martin, Henry F., assignor.)
Detroit Hone Equipment Corporation. (See Prange, Maurice N., assignor.)
Detroit Hydrostatic Brake Corporation. (See Hunt, George H., assignor.)
Detroit Hydrostatic Brake Corporation. (See Sauzedde, Claude, assignor.)
Detroit Lubricator Company. (See Clark, George H., assignor.)
Detroit Lubricator Company. (See Dillman, Earnest J., assignor.)

Detroit Lubricator Company. (See Dillman, E. J., and Fleury, assignors.)
Detroit Lubricator Company. (See Eggleston, Lewis W., assignor.)
Detroit Lubricator Company. (See Foulds, Andrew K., assignor.)
Detroit Lubricator Company. (See Knudson, Irving J., assignor.)
Detroit Lubricator Company. (See Russel, Philip S., assignor.)
Detroit Lubricator Company. (See von Wangenheim, Adolf, assignor.)
Detroit Lubricator Company. (See Weber, Walter H., assignor.)
Detroit Lubricator Company. (See Wile, Daniel D., assignor.)
Detroit Steel Products Company. (See Dewey, V. F., and McLoughlin, assignors.)
Detroit Stoker Company. (See Beers, Royce L., assignor.)
Detroit Stoker Company. (See Wagner, Herbert L., assignor.)
Detroit Sulphite Pulp & Paper Company. (See Gschwender, E., and Bigelow, assignors.)
Detroit Testing Machine Company. (See Campbell, R., and Nass, assignors.)
Detroit Trust Company, executor. (See Richard, Clement C.)
Dettweiler, Walter M., Halstead, Kans. Auxiliary safety lighting lighting system for vehicles. 2,193,063; Mar. 12.
Dettwyler, William. (See Lulek, R. N., and Dettwyler.
De Tuscan, Bela E. (See Harter, Clair M., assignor.)
Deuel, Clyde, Los Angeles, Calif., assignor to E. Westberg, H. Naftalin, and L. L. Swarthe, as trustees. Concrete building structure. 2,217,675; Oct. 15.
Deuel, Edward W., Pueblo, Colo. Lading bracing. 2,186,238; Jan. 9.
Deutsch, August A., Vienna, assignor to W. E. Reeser, Modling-Hinterbruhl, Austria. Toothbrush with brush head made in three parts. 2,214,407; Sept. 10.
Deutsch, Clarence, assignor to St. Paul White Lead and Oil Company, St. Paul, Minn. Color planner. 2,201,888; May 21.
Deutsch, Fany, executrix. (See Deutsche, Fritz M., assignor.)
Deutsch, Friedrich. (See Freund, E., and Deutsch.)
Deutsch, Fritz A., Berlin-Wilmersdorf, Germany, assignor to E. S. Oberstadt, Cleveland, Ohio. Regulating valve for hydraulic shock absorbers. 2,201,030; May 14.
Deutsch, Fritz M., deceased; F. Deutsch, executrix, assignor to Rite-Way Products, Inc., Memphis, Tenn. Heating element for vulcanizing patches. 2,211,460; Aug. 13.
Deutche Gold und Silber Scheideanstalt, vormals Roessler. (See Löffler, Hans, assignor.)
Deutsch, Hans, assignor to the firm of Alex Friedmann, Vienna, Germany. Safety device. 2,218,036; Oct. 15.
Deutsch Hollerith Maschinen Gesellschaft m. b. H. (See Maul, Michael, assignor.)
Deutsch, Maurice, New York, N. Y. Concrete slab. 2,192,182; Mar. 5.
Deutsch, Maurice, New York, N. Y. Making concrete slabs. 2,192,183; Mar. 5.
Deutsch, Simon, Milwaukee, Wis. Ironing device. 2,209,194; July 23.
Deutschbein, Otto. (See Gerecke, E., Deutschbein, and Schulze.)
Deutsche Erdol-Aktiengesellschaft. (See Schick, Friedrich, assignor.)
Deutsche Gold und Silber Scheideanstalt, vormals Roessler. (See Albrecht, Carl, assignor.)
Deutsche Gold und Silber Scheideanstalt vormals Roessler. (See Baier, H., and Langenkamp, assignors.)
Deutsche Gold und Silber Scheideanstalt vormals Roessler. (See Beck, Walter, assignor.)
Deutsche Gold und Silber Scheideanstalt. (See Herzog, Ewald, assignor.)
Deutsche Gold und Silber Schneideanstalt. (See Hundt, Richard, assignor.)
Deutsche Gold und Silber Scheideanstalt. (See Hundt, W., and Baier, assignors.)
Deutsche Gold und Silber Scheideanstalt vormals Roessler. (See Krell, A., and Herzog, assignors.)
Deutsche Gold und Silber Scheideanstalt. (See Scheller, Emil, assignor.)
Deutsche Gold und Silber Scheide-Anhalt. (See Scheller, Emil, assignor.)
Deutsche Gold-und Silber-Scheideanstalt. (See Stuckert, Ludwig, assignor.)
Deutsche Gold- und Silber Scheideanstalt vormals Roessler. (See Walter, Hans, assignor.)
Deutsche Gold und Silber Scheide-Anstalt, vormals Roessler. (See Weiss, Ludwig, assignor.)
Deutsche Gold und Silber Scheideanstalt vormals Roesseler. (See Schlegel, Ernst P., assignor.)
Deutsche Hollerith Maschinen Gesellschaft m. b. H. (See Maul, Michael, assignor.)
Deutsche Hydrierwerke Aktiengesellschaft. (See Endres, Rudolf, assignor.)
Deutsche Hydrierwerke Aktiengesellschaft. (See Schirm, Erik, assignor.)
Deutsche Hydrierwerke Aktiengesellschaft. (See Stickdorn, Kurt, assignor.)
Deutsche Luftfahrt-und Handels-Aktiengesellschaft. (See Boykow, Johann M., assignor.)
Deutsche Petroleum-Aktiengesellschaft. (See Grosse, K., and Schlicht, assignors.)
Deutsche Röhrenwerke Aktiengesellschaft. (See Halbrock, F., and Baumgardt, assignors.)
Deutsche Rohrenwerke Aktiengesellschaft. (See Kocks, F., and Mehren, assignors.)
Deutsche Rohrenwerke Aktiengesellschaft. (See Roeckner, M., and Severin, assignors.)
Deutsche Waffen-und Munitionsfabriken A.-G. (See Van Dartelen, Johannes, assignor.)
Deutsche Werke Kiel Aktiengesellschaft. (See Hollmann, Emil, assignor.)
Deutsche Werke Kiel Aktiengesellschaft. (See Zwilling, Theodor, assignor.)
Deutscher, Samuel, Brooklyn, N. Y. Fur slitting device. 2,222,255; Nov. 19.
Deutscher, Samuel, Brooklyn, N. Y. Fur slitting apparatus. 2,222,256; Nov. 19.
Deutschmann, Tobe, Corporation. (See Allen, Stratford B., assignor.)
Deutser, Alton J., and R. F. Nelson, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Manufacture of polyvalent metal soaps. 2,206,002; June 25.
De Valle, Arizpe, Harmodio A., Colonia Portales, Mexico, D. F., Mexico. Proportional divider triangle. 2,214,408; Sept. 10.
De Vaney, Elbert, assignor to American Playground Device Co., Anderson, Ind. Swing seat. 2,225,737; Dec. 24.
Devareaux, Garry E., assignor of one-half to W. S. Bennett, Denver, Colo. Retrieving tool. 2,212,013; Aug. 20.
Devaux, Lucien, Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Printing telegraph apparatus. 2,226,698; Dec. 31.
De Vellier, William A., Newark, N. J. Screw. 2,193,477; Mar. 12.
Devenish, Jack B., deceased, late of Baguio, P. I., S. C. Devenish, administrator, Spokane, Wash. Settling separators. 2,210,362; Aug. 6.
Devenish, Jack B., deceased, late of Baguio, P. I.; S. C. Devenish, administrator, Coulee Dam, Wash. Densimeter. 2,211,748; Aug. 20.
Devenish, Stephen C., administrator. (See Devenish, Jack B.)
De Verdier, Helmer, Fredriksberg, Sweden. Apparatus for determining the superficial resistance of pasteboard or paper. 2,221,964; Nov. 19.
De Vere, Princhas N. (See Greene, Grover C., assignor.)
Devereaux, Anthony P. (See Gray, J. E., Devereaux and Parker.)
Devereaux, William C., Detroit, Mich. Window regulator. 2,190,704; Feb. 20.
Devereaux, William C., Detroit, Mich. Striker plate construction. 2,192,398; Mar. 5.
Devereaux, William C., Detroit, Mich. Door handle assembly. 2,199,100; Apr. 30.
Devereux, Andrew R. (See Pfanstiehl, C., and Devereux.)
Devereux, Andrew R., Chicago, and C. Pfanstiehl, Highland Park, Ill. Osmium composition and making same. 2,206,616; July 2.
Devereux, James N., deceased, by M. Devereux, administratrix, Greenville, Miss., assignor to United States Gypsum Company, Chicago, Ill. Making textured fiber board. 2,225,585; Dec. 17.
Devereux, Margaret, administratrix. (See Devereux, James N.)
De Verry, George, Springfield, Mass. Display device. 2,191,457; Feb. 27.
De Verry, George, Springfield, Mass., assignor of one-half to H. Gordenstein. Animated display device. 2,210,315; Aug. 6.
De Verter, Walton, assignor of one-third to S. L. Brenner, Chicago, Ill. Tube testing device. 2,200,618; May 14.
De Victoria Pereira, Jose E. C., Lisbon, Portugal. Making relief maps. 2,185,924; Jan. 2.
De Vilbiss Company, The. (See Daggett, Clyde C., assignor.)
DeVilbiss Company, The. (See Rockwood, Earl L., assignor.)
De Vilbiss Company, The. (See Tracy, Robert W., assignor.)
De Villard, Jean F. (See Black, Blanton E., assignor.)
De Vincenzi, John, New York, N. Y. Momentary action electric switch. 2,198,659; Apr. 30.
Devine, John, assignor to Moore Dry Kiln Company, Jacksonville, Fla. Determining the moisture content of materials. 2,210,800; Aug. 6.
Devine, Julius, Cleveland, Ohio. Aviation spark plug (radio shielded). 2,194,695; Mar. 26.
Devine, Julius, New York, N. Y. Aviation spark plug. 2,208,667; July 23.
Devine, Julius, New York, N. Y. Aviation spark plug. 2,208,668; July 23.
De Vinney, Floyd W., Nunda, N. Y. Miniature bowling game. 2,219,835; Oct. 29.
De Vito, Albert, and F. Liessmann, assignors to Electrical Research Laboratories, Inc., Chicago, Ill. Fastener member and fastener installation. 2,187,303; Jan. 16.

De Vito, Alfred, and J. W. Barna, assignors to J. P. Smith Shoe Company, Chicago, Ill. Insole and using the same. 2,206,716; July 2.
De Vlieg, Charles B. (See Lundberg, N. S., and De Vlieg.)
De Vlieg, Gerard, Rockford, Ill. Rotary cutter. 2,185,187; Jan. 2.
Devlin, Henry W., Sacramento, Calif., assignor to A. K. Underwood, Denver, Colo. Key cutter. Re. 21,408; Mar. 26.
Devlin, James E., Worcester, Mass. Cross chain for automobile tires. 2,204,886; June 18.
Devoe & Raynolds Co. (See Beames, Walden C., assignor.)
Devoe & Reynolds Company. (See Lapointe, Alexandre J., assignor.)
Devoe & Raynolds Co. (See Neville, H. A., and Forbes, assignors.)
Devoe & Raynolds Co. (See Rheineck, Alfred E., assignor.)
Devoe & Reynolds Co. (See Rheineck, A. E., and Rabin, assignors.)
Devol, Lee, and R. A. Hartley, Penn Township, Allegheny County, assignors to The Union Switch & Signal Company, Swissvale, Pa. Electrical apparatus. 2,222,796; Nov. 26.
Devol, Manson L., Penn Township, Allegheny County, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Profilograph. 2,205,517; June 25.
Devol, Manson L., Penn Township, Allegheny County, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Polish meter. 2,215,211; Sept. 17.
Devore, Clark A. W., Cleveland, Ohio. Nonrefilling bottle device. 2,214,955; Sept. 17.
De Vore, Ralph R., Washington, D. C. Device for power transmission for variable load ratios. 2,193,806; Mar. 19.
De Vout, Anson W., La Grange, assignor to Industrial Patents Corporation, Chicago, Ill. Food storage. 2,199,485; May 7.
De Vries, Johan D. (See De Lange, C., and de Vries.)
De Vries, Ralph P., Menands, N. Y., assignor to Allegheny Ludlum Steel Corporation, Pittsburgh, Pa. High speed tool. 2,212,227; Aug. 20.
De Vries, Ralph P., Menands, N. Y., assignor to Allegheny Ludlum Steel Corporation, Pittsburgh, Pa. Alloy steel. 2,212,228; Aug. 20.
De Vries, Ralph P. Menands, N. Y., assignor to Allegheny Ludlum Steel Corporation, Pittsburgh, Pa. Alloy steel. 2,212,495; Aug. 27.
De Vries, Ralph P., Menands, N. Y., assignor to Allegheny Ludlum Steel Corporation, Pittsburgh, Pa. Alloy steel. 2,212,496; Aug. 27.
De Vries, Reinier W. P., Eindhoven, Netherlands, assignor to General Electric Company. Luminescent material. 2,203,898; June 11.
De Vry, Herman A., Chicago, Ill. Framing device for motion picture projectors. Re. 21,388; Mar. 12.
De Vry, Herman A., Chicago, Ill. Projector framing device. 2,200,161; May 7.
De Vulitch, Vladimir A., Paris, France. Manufacturing gas bottles. 2,200,162; May 7.
Dew, Marcus C., Raeford, N. C. Filing device. 2,223,978; Dec. 3.
Dew, William H., Waltham, Mass. Gasoline metering mechanism for trucks provided with power take-offs. 2,209,689; July 30.
De Walt Products Corporation. (See Knapp, Walter, assignor.)
Dewan, Leon, New York, N. Y. Light control system. 2,199,394; May 7.
Dewan, Leon, assignor of fifty per cent to G. H. Callaghan, New York, N. Y. Sound disk record and method and apparatus for making same. 2,188,337; Jan. 30.
Dewan, Leon, assignor of fifty per cent to G. H. Callaghan, New York, N. Y. Web or film driving mechanism. 2,204,887; June 18.
Dewan, Leon, assignor of fifty per cent to G. H. Callaghan, New York, N. Y. Sound on film recording apparatus. 2,206,884; July 9.
Dewan, Leon, assignor of fifty per cent to G. H. Callaghan, New York, N. Y. Sound reproducing apparatus. 2,207,722; July 16.
Dewar, Charles V., Chicago, Ill. Pipe beading apparatus. 2,197,099; Apr. 16.
Dewar, Reginald E. G., Oakland, assignor to A. Matthews, San Francisco, Calif. Muscle contracting apparatus. 2,218,701; Oct. 22.
Dewas, Raymond. Amiens, France. Weft inserting device for weaving looms having a continuous weft supply. 2,187,344; Jan. 16.
Dewas, Raymond, Amiens, France. Needle for weaving looms. 2,192,728; Mar. 5.
De Weal, Andre, Jackson Heights, N. Y. Method of and apparatus for making dental radiographs. 2,193,993; Mar. 19.
DeWees, George W. (See Ward, Raymond R., assignor.)
Dewees, Leonard S., Houston, Tex., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Drill stem orienting device. 2,197,790; Apr. 23.
Dewey and Almy Chemical Company. (See Gott, Gordon E., assignor.)
Dewey & Almy Chemical Company. (See Neiley, Stephen B., assignor.)
Dewey and Almy Chemical Company. (See Rehbock, Arnolf P., assignor.)
Dewey and Almy Chemical Company. (See Tator, Kenneth, assignor.)
Dewey. Charles S. (See Tuley, W. F., Dewey, and Hanslick.)
Dewey, Charles S., Jr., Chicago, Ill. Plastic molding machine. 2,193,395; Mar. 12.
Dewey, David B., Pasadena, Calif. Motor cooling control. 2,225,209; Dec. 17.
Dewey, Edward B., Washington, D. C. Enlarging apparatus for making enlargements from photographic negatives. 2,194,384; Mar. 19.
Dewey, Edward B., Washington, D. C. Enlarging easel for photographic papers. 2,199,304; Apr. 30.
Dewey, Edward B., Washington, D. C. Negative holder for photographic printers, enlargers, or the like. 2,199,305; Apr. 30.
Dewey, Edward B., Washington, D. C. Work holder. 2,214,663; Sept. 10.
Dewey, Haywood G., assignor to Eastman Kodak Company, Rochester, N. Y. Safety control for square cutters. 2,210,886; Aug. 13.
Dewey, James M., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Control for turret type presses. 2,202,483; May 28.
Dewey, Milton A., Wilmington, Del., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Transformer oil composition. 2,225,533; Dec. 17.
Dewey Portland Cement Company. (See Tyler, W. E., Douglas, Chamberlain, and Loveland, assignors.)
Dewey, Victor F., and J. N. McLoughlin, assignors to Detroit Steel Products Company, Detroit, Mich. Casing construction. 2,187,490; Jan. 16.
Dewhirst, Paul A. (See Hamer, Leland S., assignor.)
Dewhirst, William. (See Ford, W. R., and Dewhirst.)
Dewhurst, Frank. (See Pointon, J. E., Tanqueray, and Dewhurst.)
De Wilde, Paul R., and C. Kaufmann, Geneva, Switzerland. Projectile. 2,217,645; Oct. 8.
DeWilton, Edward W. (See Mutch, John W., assignor.)
De Witt, Charles E. (See Adams, Joe C., assignor.)
De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Fish lure. 2,186,780; Jan. 9.
DeWitt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Receptacle. 2,214,993; Sept. 17.
De Witt, William J., I. Goodfellow, and C. L. Sims, assignors to Shoe Form Co., Inc., Auburn, N. Y. Hosiery form. 2,222,461; Nov. 19.
De Wolfe, Donald F., New York, N. Y., assignor to American Telephone and Telegraph Company. Printing telegraph apparatus. 2,189,102; Feb. 6.
De Woskin, Irvin S., assignor to Erex Non-Allergic Products Company, St. Louis, Mo. Pillowcase closure. 2,217,999; Oct. 15.
De Wyk, Ludolf H. (See Daley, F. M., and De Wyk.)
De Wyk, Ludolf H., Jr. (See De Wyk, Ludolf H. and L. H., Jr.)
De Wyk, Ludolf H., Ansonia, and L. H. De Wyk, Jr., assignors to The Sponge Rubber Products Company, Shelton, Conn. Feeding predetermined charges to traveling molds. 2,218,527; Oct. 22.
Dexdale Hosiery Mills. (See Berger, Emil J., assignor.)
Dexter Folder Company. (See Baker, Leonard, assignor.)
Dexter Folder Company. (See Goodwin, Edwin W., assignor.)
Dexter Folder Company. (See Hallstream, Henning, assignor.)
Dexter Folder Company. (See Kast, Edward R., assignor.)
Dexter Folder Company. (See Martin, George A., assignor.)
Dexter Folder Company. (See Schneider, Walter E., assignor.)
Dexter Folder Company. (See Williams, Leo C., assignor.)
Dexter Folder Company. (See Yeo, Edward J., assignor.)
De Young, Gerrit. (See Quinlivan, John E., assignor.)
Deyrup, Alden J., Elizabeth, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Glaze for ceramic decoration. 2,207,723; July 16.
Deyrup, Alden J., Elizabeth, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Acid resisting glass flux. 2,225,159; Dec. 17.
Deyrup, Alden J., Elizabeth, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Opaque white glaze for decorating glassware. 2,225,160; Dec. 17.
Deyrup, Alden J., Elizabeth, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Glaze for decorating glassware. 2,225,161; Dec. 17.
Deyrup, Alden J., Elizabeth, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vitrifiable enamel. 2,225,162; Dec. 17.
Dezso, Joseph A., South Bend, Ind. Attachment for keyboard type musical instruments. 2,187,999; Jan. 23.
Dezzani, John, Los Angeles, Calif. Inertia operated switch. 2,216,364; Oct. 1.
D'Humy, Fernand E., Scarsdale, N. Y., and L. W. Franklin, Delawanna, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph system. 2,186,895; Jan. 9.
D'Humy, Fernand E., Scarsdale, N. Y., and L. W. Franklin, Hasbrouck Heights, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph system. 2,186,896; Jan. 9.

D'Humy, Fernand E., Scarsdale, N. Y., and L. W. Franklin, Hasbrouck Heights, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Telautograph system. 2,186,897; Jan. 9.
D'Humy, Fernand E., Scarsdale, N. Y., and L. W. Franklin, Delawanna, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph storage system. 2,186,898; Jan. 9.
D'Humy, Fernand E., Scarsdale, N. Y., and L. W. Franklin, Hasbrouck Heights, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph system. 2,186,899; Jan. 9.
D'Humy, Fernand E., Scarsdale, N. Y., and L. W. Franklin, Delawanna, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Facsimile telegraph system. 2,209,326; July 30.
D'Humy, Fernand E., Scarsdale, N. Y., and L. W. Franklin, Hasbrouck Heights, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Communication system. 2,209,327; July 30.
Dialite Company, The. (See Swalley, W. C., and Lichtinger, assignors.)
Diamond Alkali Company. (See Bragg, Alfred O., assignor.)
Diamond Alkali Company. (See McClure, R. R., and Seguin, assignors.)
Diamond Alkali Company. (See McDaniel, George R., assignor.)
Diamond Alkali Company. (See McKenna, James C., assignor.)
Diamond Bit Corporation. (See Carpenter, C. E., and Lynch, assignors.)
Diamond, David, Brooklyn, N. Y. Type casting machine mouthpiece wiper. 2,196,061; Apr. 2.
Diamond Expansion Bolt Company. (See Pfeister, Henry W., assignor.)
Diamond Expansion Bolt Company. (See Tulloch, David, assignor.)
Diamond, Hymen, Pittsburgh, Pa., and J. W. Dawson, Auburndale, Mass., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control apparatus. 2,210,710; Aug. 6.
Diamond Iron Works, Incorporated. (See Morrissey, Stephen J., assignor.)
Diamond, James E., White Plains, N. Y. Synchronizer. 2,207,446; July 9.
Diamond, James K., Grand Rapids, Mich. Machine for applying belt lacers and the like. 2,224,184; Dec. 10.
Diamond, James K., assignor to Clipper Belt Lacer Company, Grand Rapids, Mich. Machine for applying belt fasteners. 2,220,067; Nov. 5.
Diamond Match Company, The. (See Donnelly, Joseph C., assignor.)
Diamond Match Company, The. (See Gill, Ray H., assignor.)
Diamond Match Company, The. (See Mehrkens, Herman H., assignor.)
Diamond Match Company, The. (See Nicodemus, Wilmer C., assignor.)
Diamond Match Company, The. (See Olson, Eric P., assignor.)
Diamond Match Company, The. (See Paridon, Michael, assignor.)
Diamond Match Company, The. (See Wright, Charles F., assignor.)
Diamond Wire & Cable Co. (See Gordon, H. R., and Florsheim, assignors.)
Diamond Wire & Cable Company. (See Seifer, Daniel M., assignor.)
Diamond, Witold, Lwow, Poland. Hydraulic propulsion of ships, boats, and other floating structures. 2,203,010; June 4.
Diaphane Bag Corporation of Conn., The. (See Moss, H. H., assignor.)
Dibble, Marion A., Toledo, Ohio, and G. R. McCormick and R. G. Russell, Flint, Mich., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Mixing apparatus. 2,196,983; Apr. 16.
Di Bella, Joseph, Jackson Heights, assignor to Glassoloid Manufacturing Co., Inc., New York, N. Y. Paddle game. 2,196,253; Apr. 9.
Dicaire, Joseph G., Flint, Mich. Combination humidifier and filter. 2,220,710; Nov. 5.
Dicalite Company, The. (See Schmidt, Richard W., assignor.)
Dice, Marion E., Huntington Park, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Drum handling apparatus. 2,196,178; Apr. 9.
Dichter, Jacob, Berlin-Schoneberg, Germany. Vial forming machine. 2,226,303; Dec. 24.
Dichter, Jakob, Berlin-Schoneberg, Germany. Method and machine for forming ampoules. 2,199,332; Apr. 30.
Dichter, Jakob, Berlin-Shoneberg, Germany. Stenciling apparatus. 2,203,457; June 4.
Dichter, Jakob, Berlin-Schoneberg, Germany. Machine for filling receptacles. 2,219,223; Oct. 22.
Dick, A. B., Company. (See Beattie, C. A., Glassford, and Dick, assignors.)
Dick, Burns. (See Schnell, S., and Dick.)
Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking mechanism. 2,190,978; Feb. 20.
Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking mechanism. 2,190,979; Feb. 20.
Dick, Burns, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking system. 2,197,126; Apr. 16.
Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking mechanism. 2,202,841; June 4.
Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake shoe mounting. 2,202,842; June 4.
Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid pressure mechanism. 2,203,082; June 4.
Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking mechanism. 2,206,030; July 2.
Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Spring-applied brake. 2,215,546; Sept. 24.
Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking mechanism. 2,215,547; Sept. 24.
Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake actuating mechanism. 2,218,191; Oct. 15.
Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid compressor. 2,224,125; Dec. 10.
Dick, Burns, Ferguson, and J. A. Beard, Jr., Pine Lawn, assignors to Wagner Electric Corporation, St. Louis, Mo. Valve construction. 2,214,045; Sept. 10.
Dick, Burns, Ferguson, and S. Schnell, Overland, assignors to Wagner Electric Corporation, St. Louis, Mo. Braking mechanism. 2,218,192; Oct. 15.
Dick, George W., Lima, Ohio. Gas generating apparatus. 2,211,005; Aug. 13.
Dick, Herman J., and J L. Gibson, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,186,900; Jan. 9.
Dick, Robert I., Beloit, Mich., assignor to Fairbanks, Morse & Co., Chicago, Ill. Engine control means. 2,196,696; Apr. 9.
Dick, William F. (See Beattie, C. A., Glassford, and Dick.)
Dickason, Morris. (See Brunk, H. J., and Dickason.)
Dicke, Oscar H., Rochester, N. Y. Clock setting means. 2,185,334; Jan. 2.
Dicke, Oscar H., and F. B. Hitchcock, assignors to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,200,857; May 14.
Dickens, Charles H., Waco, Tex. Retarder composition for cement mixtures. 2,211,368; Aug. 13.
Dickens, Howard G., Thomasville, N. C., assignor to Scott & Williams, Incorporated, Laconia, N. H. Knit fabric. 2,214,549; Sept. 10.
Dicker, Arthur F., Sr., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Cushioning device. 2,208,751; July 23.
Dickerman, Hubert E., Springfield, Mass. Feeding mechanism. 2,188,473; Jan. 30.
Dickerson, Delbert J., West Los Angeles, Calif., assignor of one-half to A. B. McMahan, Long Beach, Calif. Electrically amplified controlled stringed musical instrument. 2,207,341; July 9.
Dickerson, Delbert J., Los Angeles, assignor to Dickerson Musical Instrument Manufacturing Co., West Los Angeles, Calif. Electric pickup unit for stringed instruments. 2,209,016; July 23.
Dickerson, Delbert J., West Los Angeles, Calif. Combination carrying case and sound amplifier for stringed electrical instruments. 2,226,900; Dec. 31.
Dickerson, Dorman B., assignor to The Logan Gear Company, Toledo, Ohio. Manually operable control mechanism. 2,206,456; July 2.
Dickerson, Henry G., assignor to H. W. Dickerson, Richmond, Va. Speed control device. 2,195,561; Apr. 2.
Dickerson, Henry W. (See Dickerson, Henry G., assignor.)
Dickerson Musical Instrument Manufacturing Co. (See Dickerson, Delbert J., assignor.)
Dickeson, Thurston W., Newmarket, Auckland, New Zealand. Stable emulsions of water with liquid or liquefiable substances which are immiscible with water. 2,194,218; Mar. 19.
Dickey, Charles T., Elizabeth, N. J. Temple roll. 2,196,010; Apr. 2.
Dickey, Charles T., Elizabeth, N. J. Temple roll. 2,196,628; Apr. 9.
Dickey, Charles T., Elizabeth, N. J. Manufacture of temple roll. 2,197,032; Apr. 16.
Dickey, Charles T., Elizabeth, N. J. Temple roll. 2,200,356; May 14.
Dickey, Charles T., Elizabeth, assignor to Rodic Rubber Corporation, Garwood, N. J. Temple roll. 2,192,184; Mar. 5.
Dickey, Ernest, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,214,103; Sept. 10.
Dickey, Joseph B. (See McNally, J. G., and Dickey.)
Dickey, Joseph B. (See McNally, J. G., Dickey, and Zugschwerdt.)
Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning process and composition therefor. 2,186,628; Jan. 9.
Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Dyeing. 2,186,629; Jan. 9.

Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning process and composition therefor. 2,191,039; Feb. 20.
Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning process. 2,196,748; Apr. 9.
Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Plasticized cellulose derivative compositions. 2,196,749; Apr. 9.
Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Treating cellulose derivative materials. 2,196,752; Apr. 9.
Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning process. 2,196,755; Apr. 9.
Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning process. 2,196,756; Apr. 9.
Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Azo compounds and coloring therewith. 2,196,757; Apr. 9.
Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning process. 2,197,999; Apr. 23.
Dickey, Joseph B,. assignor to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning process. 2,198,001; Apr. 23.
Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,198,002; Apr. 23.
Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Azo compounds and coloring therewith. 2,206,885; July 9.
Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,213,731; Sept. 3.
Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Disazo compounds and material colored therewith. 2,215,637; Sept. 24.
Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,221,020; Nov. 12.
Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,221,911; Nov. 19.
Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,226,199; Dec. 24.
Dickey, Joseph B., and J. B. Normington, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn treating process and composition therefor. 2,186,630; Jan. 9.
Dickey, Joseph B., and J. B. Normington, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose organic derivative compositions containing tetrahydrofurfuryl tetrahydrofuroate. 2,186,631; Jan. 9.
Dickey, Joseph B., and J. B. Normington, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose organic derivative compositions containing glycol tetrahydrofuroates. 2,186,632; Jan. 9.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn treating process and composition therefor. 2,190,865; Feb. 20.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning process. 2,196,744; Apr. 9.
Dickey, Joseph B., and J. R. Byers, Jr., assignors to Eastman Kodak Company, Rochester N. Y. Azo compounds and coloring therewith. 2,196,745; Apr. 9.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Plasticized cellulose derivative compositions. 2,196,746; Apr. 9.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning process. 2,196,747; Apr. 9.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning process. 2,196,750; Apr. 9.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Plasticized cellulose derivative composition. 2,196,751; Apr. 9.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning process. 2,196,753; Apr. 9.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Treating cellulose derivative materials. 2,196,754; Apr. 9.
Dickey, Joseph B., and J. B. Normington, assignors to Eastman Kodak Company, Rochester, N. Y. Treating cellulose derivative materials. 2,196,758; Apr. 9.
Dickey, Joseph B., and J. B. Normington, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning process. 2,197,998; Apr. 23.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning process. 2,198,000; Apr. 23.
Dickey, Joseph B., and J. B. Normington, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn treating process and composition therefor. 2,199,986; May 7.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and dyeing therewith. 2,199,987; May 7.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning process and composition therefor. 2,199,988; May 7.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning process and composition therefor. 2,199,989; May 7.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,200,543; May 14.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Polyazo compounds and material colored therewith. 2,218,231; Oct. 15.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,224,144; Dec. 10.
Dickey, Joseph B., and J. R. Byers, assignors to Eastman Kodak Company, Rochester, N. Y. Azo dye compounds and material colored therewith. 2,226,198; Dec. 24.
Dickey, Paul S. (See Bailey, E. G., and Dickey.)
Dickey, Paul S., Cleveland, Ohio, assignor to Bailey Meter Company. Measuring and control system. 2,200,471; May 14.
Dickey, Randal F., et al. (See Nielsen, Adolph E., assignor.)
Dickhaut, Charles A., and L. B. Case, assignors to John Waldron Corporation, New Brunswick, N. J. Coating machine. 2,214,787; Sept. 17.
Dickie, Douglas P. (See Mample, A. Z., and Dickie.)
Dickie, William A. (See Dingley, R. McV., and Dickie.)
Dickieson, Alton C., Hollis, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective switching device. 2,194,296; Mar. 19.
Dickieson, Alton C., Hollis, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave amplifier. 2,223,167; Nov. 26.
Dickieson, Alton C., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control of transmission in two-way signaling systems. 2,224,569; Dec. 10.
Dickinson, Arthur H. (See Blakely, R., and Dickinson, assignors.)
Dickinson, Arthur H. (See Bryce, J. W., and Dickinson.)
Dickinson, Arthur H., Brooklyn, assignor to International Business Machines Corporation, New York, N. Y. Calculating machine. 2,192,729; Mar. 5.
Dickinson, Arthur H., Bronxville, assignor to International Business Machines Corporation, New York, N. Y. Impulse creating and selecting device for accounting machines. 2,201,825; May 21.
Dickinson, Arthur H., Scarsdale, and R. I. Roth, Valley Stream, assignors to International Business Machines Corp., New York, N. Y. Data reproducing machine. 2,224,761; Dec. 10.
Dickinson, Arthur H., Scarsdale, and R. I. Roth, Valley Stream, assignors to International Business Machines Corp., New York, N. Y. Data reproducing machine. 2,224,762; Dec. 10.
Dickinson, Arthur H., Scarsdale, and R. I. Roth, Valley Stream, assignors to International Business Machines Corp., New York, N. Y. Data reproducing machine. 2,224,763; Dec. 10.
Dickinson, Arthur H., Scarsdale, and R. I. Roth, Valley Stream, assignors to International Business Machines Corp., New York, N. Y. Data reproducing machine. 2,224,764; Dec. 10.
Dickinson, Arthur H., Scarsdale, and R. I. Roth, Valley Stream, assignors to International Business Machines Corp., New York, N. Y. Data reproducing machine. 2,224,765; Dec. 10.
Dickinson, Donald B., Silver Creek, N. Y. Portable condition finder for invisible parts of automobiles. 2,188,677; Jan. 30.
Dickinson, Fairleigh S., Rutherford, N. J. Hypodermic needle. 2,211,537; Aug. 13.
Dickinson, George H., et al. (See Lampkin, Elbert H., assignor.)
Dickinson, Wilfred, et al. (See Lampkin, Elbert H., assignor.)
Dickson, Charles L., assignor to Starline, Inc., Harvard, Ill. Manufacturing flanged sheet metal articles. 2,210,654; Aug. 6.
Dickson, Grace I., Seattle, Wash. Hat storage and transportation bag. 2,215,689; Sept. 24.
Dickson, James T., assignor to J. D. Fredericks, Jr., Los Angeles, Calif. Indicator. 2,199,784; May 7.
Dickson, James T., Los Angeles, Calif. Landing gear brake. 2,199,785; May 7.
Dickson, John B., Northampton, and J. Herman, Chicopee, Mass., assignors, by mesne assignments, to A. G. Spalding & Bros. Inc. Soilproofing tennis balls. 2,192,071; Feb. 27.
Dickson, Joseph F., assignor to Kewanee Boiler Corporation, Kewanee, Ill. Boiler. 2,189,135; Feb. 6.
Dickson, Robert B., assignor to Dickson Weatherproof Nail Company, Evanston, Ill. Machine for making weatherproof nails. 2,225,738; Dec. 24.
Dickson, Thomas A. (See Abbott, R. H., Dickson, and Bucher.)
Dickson, Walter S., Upper Montclair, N. J. Regulator. 2,208,122; July 16.

Dickson Weatherproof Nail Company. (See Dickson, Robert B., assignor.)
Dictaphone Corporation. (See Beard, T. H., and Renholdt, assignors.)
Dictaphone Corporation. (See Beede, Arnold H., assignor.)
Dictaphone Corporation. (See Curtis, Roger C., assignor.)
Dictaphone Corporation. (See Fox, Frederick L., assignor.)
Dictaphone Corporation. (See Renholdt, John E., assignor.)
Dictaphone Corporation. (See Seckendorf, R. P., Perry, and Beckett, assignors.)
Dictograph Products Company. (See Sears, Sterling G., assignor.)
Didier Werke Aktiengesellschaft. (See Keydel, Fritz, assignor.)
Didier, William A., Fort Wayne, Ind. Combined coin carrier and advertisement. 2,227,179; Dec. 31.
Di Domenico, Anthony, New York, N. Y. Rack covering. 2,221,298; Nov. 12.
Didriksen, Niels J., Odense, Denmark. Backing device for propeller-driven vessels. 2,200,836; May 14.
Diebel, William D., assignor of one-half to C. F. McIntyre, Detroit, Mich. Electric sign. 2,193,478; Mar. 12.
Diebold, Hugo, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Relaxation arrangement for deflecting cathode rays. 2,225,469; Dec. 17.
Dieckmann, Charles W., Chicago, Ill. Cutter for meat grinders. 2,186,716; Jan. 9.
Dieckmann, Charles W., Chicago, Ill. Cutter for meat grinders. 2,206,529; July 2.
Diedrich, Günther, Berlin-Reinickendorf, Germany, assignor to General Electric Company. Elastic fluid power plant. 2,185,803; Jan. 2.
Diedrich, Paul. (See Dohrn, M., and Diedrich.)
Diedrich, Richard O., Menomonie, Wis. Measuring instruments. 2,188,201; Jan. 23.
Diefenbach, Ernst. (See Kränzlein, G., Diefenbach, and Eggert.)
Dieffenbach, Otto W., Baltimore, Md. Machine for making drinking and similar tubes. 2,212,915; Aug. 27.
Diehl, Aloysius C., Monroe, Mich. Vehicle ventilating means. 2,201,480; May 21.
Diehl, Clyde H., and D. C. Samels, Huntingdon, Pa. Fire escape. 2,211,259; Aug. 13.
Diehl, Edward M., Bath, Pa. Device for winding insulating material on cables. 2,208,963; July 23.
Diehl, Frederick, Elizabeth, and J. M. Naul, Fanwood, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Electromagnetic sewing machine. 2,223,315; Nov. 26.
Diehl, Harold W. (See Sullivan, L. E., and Diehl.)
Diehl, Heinrich. (See Kerstan, W., Diehl, and Deseke.)
Diehl, Walter S., U. S. Navy. Folding platform for servicing airplane engines. 2,188,338; Jan. 30.
Diehl, Walter S., United States Navy. Device for increasing the internal air pressure of aircraft. 2,207,724; July 16.
Diehm, Calvin. (See Bridgford, R., Tibbits, Stevens, and Diehm.)
Diels, Kurt, Berlin-Friedenau, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron device. 2,197,033; Apr. 16.
Diels, Kurt, Berlin-Friedenau, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron device. 2,199,540; May 7.
Diels, Kurt, and M. Knoll, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron device. 2,218,702; Oct. 22.
Diener, William W. (See Jewell, J. W., and Diener.)
Dierichs, Alfred, and H. Martini, Leverkusen-Wiesdorf, Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Extraction of phenols. 2,199,786; May 7.
Dierichs, Alfred, Leverkusen-Wiesdorf, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Preparation of phenol. 2,217,836; Oct. 15.
Dierstein, Roy H., Fort Wayne, Ind., assignor to General Electric Company. Magnetic core structure and method of assembling. 2,209,811; July 30.
Diesbach, Fritz G., et al. (See Doppleb, Albrecht, assignor.)
Diesbach, Fritz G., et al. (See Katz, R., and Waechter, assignors.)
Diesbach, Fritz G., et al. (See Waechter, Harry J., assignor.)
Dieselair Corporation. (See Dressler, Adolph C., assignor.)
Dieserud, Helge C., Montclair, N. J., assignor to The Texas Company, New York, N. Y. Treatment of hydrocarbon oils. 2,224,570; Dec. 10.
Diestelkamp, Fritz, Stuttgart, Germany. Window casement rotatable about two axes. 2,212,114; Aug. 20.
Dieter, William L. (See Contini, R., and Dieter.)
Dieterich, Albert E. (See Darling, Frank L., assignor.)
Dieterich, Francis L., Los Angeles, Calif., assignor to The Dow Chemical Company, Midland, Mich. Cementing practice for earth wells. 2,193,807; Mar. 19.
Dieterich, Francis L., Los Angeles, Calif., assignor to The Dow Chemical Company, Midland, Mich. Cementing practice for earth wells. 2,193,808; Mar. 19.
Dieterle, Walter. (See Albers, F., Trabert, Sack, Jessien, Dieterle, and Riester.)
Dieterle, Walter. (See Wilmanns, G., Dieterle, and Kobs.)
Dieterle, Walter, and O. Riester, Dessau-Ziebigk, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Heptamethine dyestuffs. 2,207,915; July 16.
Dieterle, Walter, and O. Riester, Dessau-Ziebigk, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Nonamethine dyes. 2,211,408; Aug. 13.
Dieterman, George. (See Boelman, George, assignor.)
Dietert, Harry W., Detroit, Mich. Deformation and resilience apparatus. 2,186,824; Jan. 9.
Dietert, Harry W., Detroit, Mich. Gas holder for a permeability meter. 2,194,891; Mar. 26.
Dietert, Harry W., Detroit, Mich. Pyrometer structure. 2,223,408; Dec. 3.
Diethelm, John A. (See Pierson, George, assignor.)
Dietloff, Walter, Berlin-Johannisthal, Germany, assignor to General Electric Company. Protective coating for copper wires. 2,196,855; Apr. 9.
Dietrich, Erich W. (See Watson, F. A., Slomin, and Dietrich.)
Dietrich, Gustav H., Meinersdorf in Erzgebirge, A. Verbeek, Wustenbrand in Saxony, and E. Eissner, Chemnitz, Germany, assignors to Kalio, Inc., New York, N. Y. Topping. 2,188,678; Jan. 30.
Dietrich, Gustav H., Meinersdorf in Erzgeburge, A. Verbeek, Wustenbraud, and E. Eissner, Heimgarten, Chemnitz, Germany, assignors to Kalio, Inc., New York, N. Y. Device for topping knitted fabric. 2,223,510; Dec. 3.
Dietrich, Herbert, Meinersdorf, Germany. Production of stockings. 2,202,144; May 28.
Dietrich, Howard H., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Injection engine. 2,208,631; July 23.
Dietrich, John. (See Brown, Edward I., assignor.)
Dietrich, Julius F., deceased, and R. H. Dietrich, Sheboygan, Wis.; said R. H. Dietrich, administrator. Treating concentrated milk products. 2,209,328; July 30.
Dietrich, Julius F., Chicago, Ill., deceased; R. H. Dietrich, Sheboygan, Wis., administrator. Apparatus for making dried products. 2,211,740; Aug. 13.
Dietrich, Julius F., Sheboygan, Wis., deceased; R. H. Dietrich, administrator. Drying apparatus. 2,211,767; Aug. 20.
Dietrich, Melvin A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Separation of mixtures of hydrocarbons. 2,188,531; Jan. 30.
Dietrich, Melvin A., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Motor fuel. 2,197,851; Apr. 23.
Dietrich, Melvin A., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricant. 2,198,961; Apr. 30.
Dietrich, Melvin A., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Color stabilizer for mineral oils. 2,226,160; Dec. 24.
Dietrich, Raymond H. (See Ruppel, F. C., and Dietrich.)
Dietrich, Richard H. (See Dietrich, Julius F. and R. H.)
Dietrich, Richard H., administrator. (See Dietrich, Julius F., assignor.)
Dietrich, William S., Greenville, Pa. Box car construction and making the same. 2,208,450; July 16.
Dietrich, William S., Greenville, Pa. Car construction and method. 2,222,335; Nov. 19.
Dietrichson, William F., Berwick, Pa., assignor to American Car and Foundry Companay, New York, N. Y. Railway car frame. 2,203,490; June 4.
Dietrichson, William F., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Dry ice car. 2,226,699; Dec. 31.
Dietrick, John J., assignor to Rathborne, Hair & Ridgway Co., Chicago, Ill. Closure for bottle carriers. 2,199,832; May 7.
Dietsche, Karl, Karlsruhe, assignor to Warmetechnische Gesellschaft Frankfurt am Main, G. m. b. H., Frankfort-on-the-Main, Germany. Moistening device for web materials. 2,209,113; July 23.
Dietze, Emil, assignor to American Casting & Manufacturing Corporation, Brooklyn, N. Y. Tagging seal. 2,189,026; Feb. 6.
Dietz, Herbert J., assignor to Eastman Kodak Company, Rochester, N. Y. Mounting for X-ray intensifying screens. 2,193,021; Mar. 12.
Dietz, Joseph B., Roanoke, Va., and E. F. Oeffinger, Milltown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Wood filler. 2,225,262; Dec. 17.
Dietz, Karl, Cronberg, Taunus, and K. Frank, Bad Soden, Taunus, Germany, assignors, by mesne assignments, to Pen-Chlor, Incorporated, Philadelphia, Pa. Preparing acidproof water-resistant mortars. 2,208,571; July 23.
Dietz, L. F., & Associates, Incorporated. (See Dietz, Louis F., assignor.)
Dietz, Louis F., Englewood, N. J., assignor to L. F. Dietz & Associates, Incorporated, New York, N. Y. Drawer suspension means. 2,212,191; Aug. 20.
Dietzel, Alexander W., assignor to Waukesha Foundry Company, Waukesha, Wis. Sanitary rotary pump. 2,193,273; Mar. 12.

Dietzel, Ewald, Castrop-Rauxel, Westphalia, assignor to Rütgerswerke-Aktiengesellschaft, Berlin, Germany. Production of hydrindene and alpha- and beta-truxene. 2,216,001; Sept. 24.
Dietzen, Eugene, Co. (See Langsner, Adolph, assignor.)
Dietzgen, Eugene. (See Leuch, Werner P., assignor.)
Dietzgen, Eugene, Co. (See Langsner, Adolph, assignor.)
Di Fatta, Nicholas, Oakmont, assignor to Woodings-Verona Tool Works, Verona, Pa. Rail fastener. 2,205,282; June 18.
Di Felice, Crispino, Ardmore, Pa. Liquid cooler. 2,189,281; Feb. 6.
Differential Wheel Corporation. (See Canfield, Kendall E., assignor.)
Differential Wheel Corporation. (See Durham, Hobart N., assignor.)
Differential Wheel Corporation. (See Velo, Anthony C., assignor.)
Differential Wheel Corporation. (See Wyatt, Raymond A., assignor.)
Diffinbaugh, John R., Oldtown, Md. Insect destroyer. 2,202,445; May 28.
Di Filippo, Abramo, Washington, D. C. Baffle for furnaces. 2,204,036; June 11.
Digby, Everard T., London, England. Printing on metal. 2,186,858; Jan. 9.
Digby, Everard T., London, England. Printing on metal. 2,186,859; Jan. 9.
Diggins, Bartholomew A., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Oblique light diaphragm. 2,195,166; Mar. 26.
Diggins, Bartholomew A., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Apparatus for testing vision. 2,200,595; May 14.
Diggins, Bartholomew A., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting and attaching same. 2,225,038; Dec. 17.
Diggins, Bartholomew A., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical system. 2,225,039; Dec. 17.
Diggins, Bartholomew A., Rochester, and O. E. Trautmann, Irondequoit, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Method and apparatus for aerial mapping. 2,200,594; May 14.
Diggins, Bartholomew A., and G. B. Gallasch, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Liquid level. 2,221,912; Nov. 19.
Diggins, Stuart K., Woodstock, Ill. Furnace. 2,209,913; July 30.
Diggory, Benjamin A., Plainfield, N. J., and G. K. Teal, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,188,940; Feb. 6.
Diggory, Benjamin A., Plainfield, N. J., and G. K. Teal, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Screen for electro-optical device and preparing it. 2,217,334; Oct. 8.
Digman, Thomas, Pittsburgh, Pa. Cleaning apparatus. 2,207,659; July 9.
Digre, Joseph, Madison, Minn. Husking machine improvement. 2,217,945; Oct. 15.
Dike, Theodore W., assignor to I. F. Laucks, Inc., Seattle, Wash. Adhesive. 2,186,369; Jan. 9.
Dilatush, Charles N., Memphis, Tenn. Gate. 2,197,852; Apr. 23.
Dildillan, Ara T., Suffield, assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Seaming floor coverings. 2,209,247; July 23.
Dilks, James J., Jr., Haddon Heights, N. J. Motion picture projector. 2,186,753; Jan. 9.
Dilks, James J., Jr., Haddon Heights, N. J. Camera. 2,188,974; Feb. 6.
Dilks, James J., Jr., Haddon Heights, N. J. Photographic printing apparatus. 2,196,629; Apr. 9.
Dilks, James J., Jr., Haddon Heights, N. J. Picture film viewing apparatus. 2,227,071; Dec. 31.
Dill, Gilbert D. (See Boynton, A. J., and Dill.)
Dill, Gilbert D., Chicago, Ill., assignor to Standard Oil Development Company. Horizontal catalytic reactor. 2,218,604; Oct. 22.
Dill Manufacturing Company, The. (See Bronson, Adelbert E., assignor.)
Dill Manufacturing Company, The. (See Crowley, John C., assignor.)
Dillard, Horace O., Oakland, Calif. Receptacle cover. 2,199,787; May 7.
Dillehay, Edward R., Glen Ellyn, Ill., assignor to The Richardson Company, Lockland, Ohio. Molded resinous article and making the same. 2,198,805; Apr. 30.
Dillenback, Garett Van der Veer, Jr. (See Cooley, A. G., and Dillenback.)
Dilley, Donald C., assignor to The Lindsay Wire Weaving Company, Cleveland, Ohio. Making a soldered joint. 2,224,952; Dec. 17.
Dillingham, Vachel S. (See Goodman, H., and Dillingham.)
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Heating apparatus. 2,185,978; Jan. 2.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,200,163; May 7.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Thermostat. 2,209,767; July 30.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Thermostat. 2,209,768; July 30.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Fuel supply control means. 2,214,272; Sept. 10.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Refrigerating apparatus. 2,224,099; Dec. 3.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,225,586; Dec. 17.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,225,587; Dec. 17.
Dillman, Earnest J., and J. E. Fleury, assignors to Detroit Lubricator Company, Detroit, Mich. Switch. 2,199,357; Apr. 30.
Dillon, Harold H., assignor, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio. Piston. 2,190,207; Feb. 13.
Dillon, Harry J., Wilmette, Ill. Illuminating apparatus. 2,219,383; Oct. 29.
Dillon, Irving W., Melrose, Mass. Internal screw-thread gauge. 2,214,633; Sept. 10.
Dillon, Lyle. (See Subkow, P., and Dillon.)
Dillon, Paul W., assignor to Northwestern Steel and Wire Company, Sterling, Ill. Apparatus for treating metals. 2,209,153; July 23.
Dillon, Stephen V., Tulsa, Okla. Well equipment. 2,207,001; July 9.
Dillon, Stephen V., Tulsa, Okla. Pipe coupling and sealing means. 2,226,304; Dec. 24.
Dillon, Wendell M., North Andover, assignor to Watts Regulator Company, Lawrence, Mass. Tempering valve. 2,225,210; Dec. 17.
Dillon, William P., Jr., Washington, D. C., and F. V. Allen, Cottage City, Md., assignors to American Scale Manufacturing Co., Washington, D. C. Weighing machine and amusement device. 2,222,364; Nov. 19.
Dillström, Torbjörn V., assignor to Handelsaktiebolaget Vidar, Stockholm, Sweden. Pump. 2,223,755; Dec. 3.
Dillström, Torbjörn V., assignor to Handelsaktiebolaget Vidar, Stockholm, Sweden. Pump. 2,223,756; Dec. 3.
Dillström, Torbjörn V., assignor to Handelsaktiebolaget Vidar, Stockholm, Sweden. Pump. 2,223,757; Dec. 3.
Dillström, Torbjörn V., assignor to Handelsaktiebolaget Vidar, Stockholm, Sweden. Pump. 2,223,758; Dec. 3.
Dillström, Torbjörn V., assignor to Handelsaktiebolaget Vidar, Stockholm, Sweden. Pump. 2,223,759; Dec. 3.
Dillström, Torbjörn V., assignor to Handelsaktiebolaget Vidar, Stockholm, Sweden. Pump. 2,227,127; Dec. 31.
Dilworth, Richard M., La Grange, Ill., assignor to General Motors Corporation, Detroit, Mich. Generator engine load control system. 2,207,373; July 9.
Di Maria, Samuel, et al. (See Butera, Joseph, assignor.)
Di Mauro, Angelo, Middletown, Conn. Shoe sole. 2,215,463; Sept. 24.
Di Mauro, Mauro, assignor of one-half to S. Pell, Scranton, Pa. Pressing table. 2,200,132; May 7.
Dimgor Corp. (See Gorbatenko, Dimitri L., assignor.)
Dimgor Corp. (See Gorbatenko, D. L., and Allgoewer, assignors.)
Dimick, Daniel B., Newton, assignor to Dimick-Mosher Products Company, Boston, Mass. Manually operated hydraulic lock. 2,221,044; Nov. 12.
Dimick-Mosher Products Company. (See Dimick, Daniel B., assignor.)
Dimm, Chandos R., and J. H. Kahler, Jr., assignors to Robinson Manufacturing Co., Muncy, Pa. Electric driving motor for attrition mills. 2,216,611; Oct. 1.
Dimm, Chandos R., and A. G. Avila, assignors to Robinson Manufacturing Co., Muncy, Pa. Comminuting mill. 2,216,612; Oct. 1.
Dimmick, Glenn L., Erlton, N. J., assignor to Radio Corporation of America. Electrical impulse responsive means. 2,189,311; Feb. 6.
Dimmick, Glenn L., Erlton, N. J., assignor to Radio Corporation of America. Sound recording. 2,203,191; June 4.
Dimmick, Glenn L., Erlton, N. J., assignor to Radio Corporation of America. Scanning device. 2,222,937; Nov. 26.
Dimmick, Glenn L., Haddonfield, N. J., assignor to Radio Corporation of America. Sound recording. 2,199,621; May 7.
Dimmick, Glenn L., Haddonfield, N. J., assignor to Radio Corporation of America. Sound recording apparatus. 2,206,393; July 2.
Dimmick, Glenn L., Haddonfield, N. J., assignor to Radio Corporation of America. Volume compression device for sound reproducers. 2,207,243; July 9.
Dimmick, Glenn L., Haddonfield, N. J., assignor to Radio Corporation of America. Sound recording apparatus. 2,209,053; July 23.
Dimmick, Glenn L., Haddonfield, N. J., assignor to Radio Corporation of America. Envelope current system. 2,222,172; Nov. 19.
Dimmig, Howard, New York, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Production of motor fuel. 2,217,588; Oct. 8.
Dimon, Milton G. (See McCadam, M. B., and Dimon.)

Dimond, Lloyd E., Chicago, Ill., assignor to Wilson & Co. Apparatus for drying animal casings. 2,192,898; Mar. 12.
Dimond, Thomas L., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,210,068; Aug. 6.
Dinesen, Laurits, Minneapolis, Minn. Vacuum pressure pulsator. 2,222,811; Nov. 26.
Dingley, Edward N., Jr., Arlington, Va. Blind landing equipment. 2,224,863; Dec. 17.
Dingley, Robert M. (See Roberts, R. P., and Dingley.)
Dingley, Robert McV., and W. A. Dickie, Spondon, Near Derby, England, assignors to Celanese Corporation of America. Crepe yarn and the manufacture thereof. 2,203,721; June 11.
Dinkel, Paul, Wetzlar, Germany, assignor, by mesne assignments, to F. Dumur, Lausanne, Switzerland. Machine for marking scales on work pieces. 2,221,577; Nov. 12.
Dinley, Clarence F., assignor, by mesne assignments, to Solvent Machine Company, trustee, Detroit, Mich. Extraction with solvents. 2,200,983; May 14.
Dinley, Clarence F., assignor, by mesne assignments, to Solvent Machine Company, Detroit, Mich. Degreasing apparatus and the like. 2,214,788; Sept. 17.
Dinnick, George M., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lamp with integral cooling radiation. 2,190,313; Feb. 13.
Dinsdale, Aldice O. (See Livingston, L. G., and Dinsdale.)
Dinsmoor, Theodore E. (See Musgrave, A. F., and Dinsmoor.)
Dinsmore, Alton F., Fairport, assignor to Aeolian American Corporation, East Rochester, N. Y. Piano action. 2,193,715; Mar. 12.
Dinsmore, Alton F., Fairport, assignor to Aeolian American Corporation, East Rochester, N. Y. Piano action. 2,193,716; Mar. 12.
Dinsmore, Clarence B. (See McKinley, C. W., Smith, and Dinsmore.)
Dinsmore, Dawson J., and G. C. Cross, Sioux Falls, S. Dak. Storm and screen window hanger. 2,223,676; Dec. 3.
Dinzl, Richard W., Narberth, Pa., assignor to Baldwin-Southwark Corporation. Filling valve. 2,185,402; Jan. 2.
Dinzl, Richard W., Narberth, Pa., assignor to Baldwin-Southwark Corporation. Materials testing machine. 2,187,345; Jan. 16.
Dinzl, Richard W., Narberth, Pa., assignor to Baldwin-Southwark Corporation. Hydraulic press. 2,189,858; Feb. 13.
Dinzl, Richard W., Narberth, Pa., assignor, by mesne assignments, to The Baldwin Locomotive Works. Hydraulic press. 2,190,755; Feb. 20.
Dinzl, Richard W., Narberth, Pa., assignor, by mesne assignments, to The Baldwin Locomotive Works. Press. 2,198,049; Apr. 23.
Dinzl, Richard W., Narberth, Pa., assignor by mesne assignments, to The Baldwin Locomotive Works. Power control system for hydraulic presses. 2,220,798; Nov. 5.
Dinzl, Richard W., Narberth, Pa., assignor, by mesne assignments, to The Baldwin Locomotive Works. Hydraulic press and control system. 2,221,281; Nov. 26.
Dinzl, Richard W., Westfield, assignor to The Watson-Stillman Co., Roselle, N. J. Extrusion press. 2,188,076; Jan. 23.
Dinzl, Richard W., Westfield, assignor to The Watson-Stillman Co., Roselle, N. J. Surge valve for hydraulic presses. 2,204,270; June 11.
Dinzl, Richard W., Westfield, N. J., assignor, by mesne assignments, to The Baldwin Locomotive Works. Hydraulic press. 2,205,791; June 25.
Dinzl, Richard W., Westfield, assignor to The Watson-Stillman Co., Roselle, N. J. Control system for hydraulic presses. 2,210,284; Aug. 6.
Dion, Hector, Wellesley, Mass. Trestle or horse. 2,216,187; Oct. 1.
Dippel, Cornelis J. (See de Boer, J. H., Dippel, and Stieler.)
Direct Current Welding Company. (See Mirfield, George E., assignor.)
Dirkes, Robert F. (See Steeneck, R., Dirkes, and White.)
Dirkes, Robert F. (See Wheeler, E. R., Hoover, and Dirkes.)
Dirkes, Robert F., Jamaica, N. Y., and R. Hoover and E. R. Wheeler, Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Signaling system and apparatus therefor. 2,193,809; Mar. 19.
Dirks, Hermann. (See Hornung, H., Dirks, and Schrumpf.)
Dirrig, Ernest, East Akron, Ohio, assignor to American Hard Rubber Company, New York, N. Y. Device for operating automobile horns. 2,227,250; Dec. 31.
Dirschel, John J., Buffalo, N. Y. Leak stopper. 2,220,085; Nov. 5.
Dirscherl, Wilhelm, Frankfort-on-the-Main, and F. Hanusch, Heidelberg, Germany, assignors to Rare Chemicals Inc., Nepera Park, N. Y. Sexual hormones and preparing them. 2,197,853; Apr. 23.
Dirschl, Mathias, Hamburg, Germany. Memorandum device combined with means for mounting lamellar articles. 2,204,794; June 18.
Di Santo, Bartel. (See Lindner, K. A., and Di Santo.)
Disbrow, Clarkson A., New Rochelle, assignor to Poor & Company, New York, N. Y. Controlled-flexing splice bar. 2,212,979; Aug. 27.
Disch, John E., Dolgeville, N. Y., assignor, by mesne assignments, to United Shoe Machinery Corporation, Borough of Flemington, N. J. Counter unit for shoes and making same. Re. 21,654; Dec. 10.
Dischert, George J., Merchantville, N. J. Hydraulic power transmission mechanism. 2,221,308; Nov. 12.
Dishman, Linnie E., Tustin, Calif. Playing field marker. 2,186,407; Jan. 9.
Disney, Walt, Productions. (See Disney, Walter E., assignor.)
Disney, Walt, Productions. (See Garity, William E., assignor.)
Disney, Walter E., assignor to Walt Disney Productions, Los Angeles, Calif. Art of animation. 2,201,689; May 21.
Distillation Products, Inc. (See Baxter, J. G., and Edwards, assignors.)
Distillation Products, Inc. (See Hickman, Kenneth C. D., assignor.)
Distillation Products Inc. (See Hickman, K. C. D., and Baxter, assignors.)
Distillation Products, Inc. (See Smith, Gerald G. R., assignor.)
Distillers Company Limited, The. (See Coppock, Philip D., assignor.)
Distillers Company Limited, The. (See Eaglesfield, Philip, assignor.)
Distillers Company Limited, The. (See Stanley, Herbert M., assignor.)
Distillers Company Limited, The. (See Staudinger, Hanns P., assignor.)
Distler, Hans, assignor to P. J. Winter, Cologne-Lindenthal, Germany. Production of a special beer with a low percentage of sugar. 2,223,444; Dec. 3.
Ditcham, William T., London, England, assignor to Radio Corporation of America. Modulated carrier wave transmitter. 2,198,431; Apr. 23.
Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Lock. 2,195,620; Apr. 2.
Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Bracket and manufacture thereof. 2,201,826; May 21.
Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,202,688; May 28.
Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,225,371; Dec. 17.
Ditges, William L., assignor to The Morgan Engineering Company, Alliance, Ohio. Pinion assembly for use with rolls or the like. 2,186,522; Jan. 9.
Ditlow, Max. (See Gorbatenko, D. L., and Allgoewer, assignors.)
Ditmars, John R. (See Van der Meulen, Peter A., assignor.)
Di Toro, Michael J., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electromechanical translating device. 2,227,072; Dec. 31.
Ditsche, Walter, Wesermunde, assignor of one-half to L. L. von Kramolin, Berlin-Kladow, Germany. Coupling a sound generating system to a sound generating diaphragm. 2,203,428; June 4.
Dittenheimer, Manuel. (See Pratt, Rodney F., assignor.)
Dittler, Alexander. (See Spievak, Louis A., assignor.)
Dittmar, Harry R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hot melt. 2,211,689; Aug. 13.
Dittmer, Arthur F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Apparatus for finishing contact lenses. 2,225,040; Dec. 17.
Dittmar, William W., Williamsport, Pa. License plate and holder. 2,211,923; Aug. 20.
Ditto, Incorporated. (See Bjorksten, Johan, assignor.)
Ditto, Incorporated. (See Bjorksten, J., and Champion, assignors.)
Ditto, Incorporated. (See Burkart, Frederick J., assignor.)
Ditto, Incorporated. (See Champion, W. J., and Bjorksten, assignors.)
Ditto, Incorporated. (See Collins, Howard E., assignor.)
Ditto, Incorporated. (See Costello, Andrew, assignor.)
Ditto, Incorporated. (See Hoskins, William, Jr., assignor.)
Ditto, Incorporated. (See Hudson, George R., assignor.)
Ditto, Incorporated. (See Jagger, Hubert, assignor.)
Ditto, Incorporated. (See Kropp, Willis A., assignor.)
Ditto, Incorporated. (See Levenhagen, Arthur J., assignor.)
Ditto, Incorporated. (See Marchev, Alfred, assignor.)
Ditto, Incorporated. (See Marchev, A., and Keil, assignors.)
Ditto, Incorporated. (See Marchev, A., and McCain, assignors.)
Ditto, Incorporated. (See Marchev, A., and Morrison, assignors.)
Ditto, Incorporated. (See Marchev, A., and Neal, assignors.)
Ditto, Incorporated. (See Morrison, Robert F., assignor.)
Ditto, Incorporated. (See Morrison, R. F., and Wimmer, assignors.)
Ditto, Incorporated. (See Paulsen, Christian, assignor.)

Ditto, Incorporated. (See Tathwell, Joseph H., assignor.)
Ditto, Incorporated. (See Wimmer, Glen E., assignor.)
Ditto, Marvin W., assignor to Emulsions Process Corporation, New York, N. Y. Producing steel. 2,203,778; June 11.
Ditto, Marvin W., assignor to Emulsions Process Corporation, New York, N. Y. Dispersion mill. 2,206,633; July 2.
Ditto, Marvin W., New York, N. Y., assignor to Emulsions Process Corporation. Pump. 2,215,827; Sept. 24.
Ditto, Marvin W., assignor to Emulsions Process Corporation, New York, N. Y. Apparatus for the production of steel. 2,217,540; Oct. 8.
Dittrich, Egbert, Neu Isenburg, near Frankfort-on-the-Main, Germany, assignor, by mesne assignments, to Chemical Marketing Company, Inc., New York, N. Y. Production of acetaldehyde from acetylene. 2,212,593; Aug. 27.
Dittus, Georg. (See Balle, G., Rosenbach, and Dittus.)
Di Tullio, Ambroise, Petit, Quevilly, France, assignor to Talon, Inc. Separable fastener. 2,200,239; May 14.
Divco-Twin Truck Company. (See Nicol, John, assignor.)
Divelbiss, Elmer E., Compton, Calif. Tow bar. 2,223,677; Dec. 3.
Diversey Corporation, The. (See Moore, Clark M., assignor.)
Divine, Robert E. (See Hitchcock, L. B., and Divine.)
Dixie-Vortex Company. (See Amberg, Walter E., assignor.)
Dixie-Vortex Company. (See Barbieri, Cesare, assignor.)
Dixie-Vortex Company. (See Carew, Herman, assignor.)
Dixie-Vortex Company. (See Smith, H. J., and Bild, assignors.)
Dixon, Audrey E., San Francisco, Calif. Make-up cap. 2,199,395; May 7.
Dixon B., Rumson, and C. S. Gordon, Boonton, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wire joining means. 2,193,450; Mar. 12.
Dixon, Harvey F., assignor of one-fifth to P. S. Dumbolton, Spokane, Wash. Electrical therapeutic machine. 2,192,638; Mar. 5.
Dixon, Henry S., Dorking, England. Collapsible pneumatic structure. 2,191,374; Feb. 20.
Dixon, Howell N. (See Kemmerer, R. R., and Dixon.)
Dixon, John C., assignor to Niles-Bement-Pond Company Hartford, Conn. Feed mechanism for profiling machines. 2,207,786; July 16.
Dixon, John W., Waco, Tex. Tent structure. 2,185,629; Jan. 2.
Dixon, Joseph, Crucible Company. (See Bruce, Louis F., assignor.)
Dixon, Joseph, Crucible Company. (See Fidelman, Paul, assignor.)
Dixon, Lewis M., Sea Cliff, assignor to Columbia Ribbon & Carbon Manufacturing Company, Inc., Glen Cove, N. Y. Colloidal mill. 2,201,889; May 21.
Dixon, Louis J., Chicago, Ill. Edge lighted sign. 2,223,409; Dec. 3.
Dixon, Paul H., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for cutting shoe treeing sticks. 2,187,826; Jan. 23.
Dixon, Paul H., Wenham, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Method of and machine for applying tape. 2,226,808; Dec. 31.
Dixon, Paul L., Atlanta, Ga. Exercising machine. 2,219,624; Oct. 29.
Dixon Valve & Coupling Company. (See Goodall, Richard B., assignor.)
Dixon, Walter W., Detroit, Mich., assignor to The New York Central Railroad Company. Machine for polishing journals of railroad vehicle axles. 2,212,980; Aug. 27.
Doan, Charles W., and L. L. Haggard, Miami, Okla. Minnow trap. 2,219,981; Oct. 29.
Doan, John A., St. Louis, Mo. Stove and furnace attachment. 2,214,994; Sept. 17.
Doane, Ernest E., New York, N. Y. Scriber. 2,197,073; Apr. 16.
Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Snap hook. 2,185,703; Jan. 2.
Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Vehicle lighting equipment. 2,201,856; May 21.
Doane, Leroy C., Meriden, assignor to The Sight Light Corporation, Essex, Conn. Indirect lighting luminaire. 2,226,222; Dec. 24.
Doane, Leroy C., Meriden, assignor to The Sight Light Corporation, Essex, Conn. Luminaire. 2,226,223; Dec. 24.
Doane, Newton W., San Francisco, Calif. Antiglare headlight. 2,210,801; Aug. 6.
Doba, Stephen, Jr., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Volume limiter circuit. 2,208,752; July 23.
Doba, Stephen, Jr., Long Island City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coupling circuit. 2,226,238; Dec. 24.
Dobbins, Joe, and C. F. Hacker, Pensacola, Fla. Trolling singer. 2,201,082; May 14.
Dobeckmun Company, The. (See Woehlert, Walter E., assignor.)
Doberstein, Edward J., Blue Island, assignor to Goodman Manufacturing Company, Chicago, Ill. Cutter chain. 2,204,344; June 11.
Doberstein, Edward J., Blue Island, assignor to Goodman Manufacturing Company, Chicago, Ill. Conveyer. 2,210,655; Aug. 6.
Doberstein, Edward J., Blue Island, assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,219,515; Oct. 29.
Doble, Ralph N., Hingham, Mass. Tea bag, coffee bag, and the like. 2,187,417; Jan. 16.
Doble, Ralph N., Hingham, Mass. Apparatus for making tea bags, coffee bags, and the like. 2,210,114; Aug. 6.
Doble, Ralph N., Hingham, Mass. Sheet cutter for packaging machines. 2,219,682; Oct. 29.
Doble, Ralph N., Hingham, Mass. Web feeding mechanism for packaging machines. 2,223,445; Dec. 3.
Doble, William A., Jr. (See Johnson, L. A., and Doble.)
Dobrick, August C., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Flaring tool. 2,226,852; Dec. 31.
Dobrovolny, Frank J., Ransomville, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of copper. 2,222,592; Nov. 26.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,189,060; Feb. 6.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,196,790; Apr. 9.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,204,248; June 11.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,209,222; July 23.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,209,223; July 23.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,210,569; Aug. 6.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,210,570; Aug. 6.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliot Fisher Company, New York, N. Y. Typewriting machine. 2,214,076. Sept. 10,
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,223,028; Nov. 26.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,226,924; Dec. 31.
Docken, Andrew. (See Fitzgerald, W. R., and Docken.)
Docken, Einar, Ottawa, Ontario, Canada. Animal trap. 2,191,274; Feb. 20.
Dockerty, Stuart M. (See Baker, C. A., Dockerty, and Hamilton.)
Dockerty, Stuart M., Corning, N. Y., and O. W. Wiley, Port Allegany, Pa., assignors, by mesne assignments, to Owens-Corning Fiberglass Corporation. Wire covering device. 2,208,897; July 23.
Dockstetter, Elmore J. (See Swartz, C. E., and Dockstetter.)
Dockstetter, John A., and J. E. Savage, Cleveland, Ohio. Garment hanger. 2,198,107; Apr. 23.
Doczekal, Rudolf, Vienna, Germany. Energy producing process. 2,215,497; Sept. 24.
Dod, Leonard T. (See Baxter, J. P., and Dod.)
Dodd, Arthur E., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Train annunciating apparatus. 2,201,718; May 21.
Dodd, Harry D., Inman, S. C. Overhead tank valve. 2,215,916; Sept. 24.
Dodd, Harry D., E. M. Anderson, and T. C. Parker, Inman, S. C. Tongs for game pieces. 2,207,315; July 9.
Dodd, Sidney R., Caldwell, N. J., assignor to Oakite Products, Inc. Metal cleaning. 2,186,523; Jan. 9.
Dodds, Dan L., Galveston, Tex. Fractionating tower. 2,209,675; July 30.
Dodds, Dan L., Galveston, assignor of forty per cent to J. V. Hamilton, Galveston County, Tex. Fractionating tower. 2,223,556; Dec. 3.
Dodds, Ethan 1., Central Valley, N. Y. Furring strip grip. 2,210,115; Aug. 6.
Dodelin, Fred A., Glen Ridge, assignor to Pyrene Manufacturing Company, Newark, N. J. Fire extinguisher. 2,211,849; Aug. 20.
Doderer, Wilhelm, Essen, Germany. Contrivance for treating materials within a gas atmosphere of increased pressure. 2,199,521; May 7.
Dodge, Adiel Y., South Bend, Ind. Hydraulic torque converter. 2,190,830; Feb. 20.
Dodge, Adiel Y., South Bend, Ind. Transmission. 2,190,831; Feb. 20.
Dodge, Adiel Y., South Bend, Ind. Transmission. 2,196,660; Apr. 9.
Dodge, Adiel Y., South Bend, Ind. Air conditioning system. 2,197,492; Apr. 16.
Dodge, Adiel Y., South Bend, Ind., assignor to Bendix Home Appliances, Inc., Detroit, Mich. Transmission. 2,191,609; Feb. 27.
Dodge, Adiel Y., Rockford, Ill. Hydraulic clutch. 2,200,596; May 14.
Dodge, Adiel Y., Rockford, Ill. Brake. 2,206,742; July 2.

Dodge, Arthur B., Lancaster, Pa. Apparatus for making stopper tops and the like. 2,187,680; Jan. 16.
Dodge, C. B., Company, The. (See Weirich, Clarence L., assignor.)
Dodge Emulsor Corporation. (See Dodge, John D., assignor.)
Dodge, Eugene W., Shafter, Calif. Rotary gas and oil separator. 2,216,939; Oct. 8.
Dodge, Francis D., Cranford, assignor to Dodge & Olcott Company, Bayonne, N. J. Synthesis of quinoline derivatives. 2,211,538; Aug. 13.
Dodge, George D., Evanston, Ill. Shade or blind fastener. 2,211,409; Aug. 13.
Dodge, Gordon F., Columbus, Ohio, and G. A. Overstrom, Big Sur, Calif., assignors to The Jeffrey Manufacturing Company. Process of and apparatus for treating sewage. 2,221,444; Nov. 12.
Dodge, H. B., and Company. (See Pratt, Raymond C., assignor.)
Dodge, Howard M., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Striker plate. 2,217,892; Oct. 15.
Dodge, John D., assignor to Dodge Emulsor Corporation, Detroit, Mich. Homogenizing head. 2,202,649; May 28.
Dodge, John D., assignor to Dodge Emulsor Corporation, Detroit, Mich. Rotor construction for rotary pumps. 2,204,073; June 11.
Dodge, John D., assignor to Dodge Emulsor Corporation, Detroit, Mich. Homogenizing head. 2,210,448; Aug. 6.
Dodge, Lyman E., Morris Township, Morris County, N. J., assignor to F. C. La Mar, Tucson, Ariz. Indicator. 2,200,917; May 14.
Dodge, Milton L. (See Altavater, Adolph H., assignor.)
Dodge, Milton L., Newburyport, Mass. Machine for molding counter stiffeners. 2,194,892; Mar. 26.
Dodge, Milton L., Newburyport, Mass. Shaping a shoe upper. 2,197,208; Apr. 16.
Dodge, Milton L., Newburyport, Mass. Method of and apparatus for treating shoe uppers. 2,211,054; Aug. 13.
Dodge, Milton L., Newburyport, Mass. Treating shoe uppers. 2,211,055; Aug. 13.
Dodge & Olcott Company. (See Dodge, Francis D., assignor.)
Dodge, Parker, Chevy Chase, Md., assignor to Johnson Service Company, Milwaukee, Wis. Refrigeration. 2,196,778; Apr. 9.
Dodge, Ronald D. (See Petz, J. L., Crumrine, and Dodge.)
Dodge, Ronald D., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,213,562; Sept. 3.
Dodge, Ronald D., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,217,159; Oct. 8.
Dodge, Ronald D., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,217,160; Oct. 8.
Dodge, Ronald D., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,224,766; Dec. 10.
Dodge, Sherwood O., Medford, assignor to Guaranteed Parts, Inc., Allston, Mass. Harness cord end member for looms. 2,206,559; July 2.
Dodge, Verne O., Grand Rapids, Mich. Safety razor. 2,211,200; Aug. 13.
Dodge, William A., administrator. (See Puppe, Heinz.)
Dodge, William P., Erie, Pa., assignor to General Electric Company. Refrigerator door construction. 2,206,717; July 2.
Dodson, Carroll E. (See Martin, L. T., and Dodson.)
Dodson, Harry L. (See Ruths, R. J., and Dodson.)
Dodson, Howard W., assignor to United Steel Barrel Company, Philadelphia ,Pa. Closure device for container opening. 2,220,893; Nov. 12.
Dodson, William C. (See Drum, H. S., Dodson, and Jaxheimer.)
Doebeli, Albert, Wabern, near Berne, Switzerland. Machine for dispensing stamps and like articles. 2,195,770; Apr. 2.
Doeg, Ralph W., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,199,486; May 7.
Doeg, Ralph W., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Fuel oil pump. 2,207,002; July 9.
Doege, Reuben G. (See Rasmussen, John A., assignor.)
Doerfer, John A. (See Keehn, W. R., and Doerfer.)
Doering, Charles, Chicago, Ill. Clutch mechanism. 2,186,100; Jan. 9.
Doering, Charles and H. H., E. W. Anderson, and B. Skoglund, Chicago, Ill.; said Anderson and said Skoglund assignors to said C. Doering and said H. H. Doering. Plastic-material cutting machine. 2,201,391; May 21.
Doering, Charles and H. H., E. W. Anderson, and B. Skoglund, Chicago, Ill.; said Anderson and said Skoglund assignors to said C. Doering and said H. H. Doering. Continuous cutting machine for plastic material. 2,201,392; May 21.
Doering, Henry H. (See Doering, Charles and H. H., Anderson, and Skoglund.)
Doerner, Henry A., and D. L. Harris, assignors to State College of Washington Research Foundation, Pullman, Wash. Concentrating ores. 2,205,923; June 25.
Doerr, August, Prairie du Rocher, Ill. Wrench. 2,227,218; Dec. 31.
Doerr, Frank E., Lynn, Mass. Hair curler. 2,190,057; Feb. 13.
Doerr, Grover, near Brownstown, Ind. Toilet seat cover and forming same. 2,189,562; Feb. 6.
Doerr, Martin, deceased, Oakland, Calif.; G. A. Koch, executor. Copyholder. Copyholder. 2,219,255; Oct. 22.
Doerr, Robert F., Portsmouth, Ohio. Kite release for parachutes and gliders. 2,203,083; June 4.
Doescher, Joe E., assignor to D. E. Makepeace Company, Attleboro, Mass. Heat-treating wire. 2,203,946; June 11.
Doggett, Charles F., et al. (See Jones, Jack E., assignor.)
Dohen, Joseph M., New York, N. Y. Headdress. 2,199,427; May 7.
Doherty, Edward T., assignor to Apex Railway Products Co., Chicago, Ill. Sill step for railroad cars. 2,226,489; Dec. 24.
Doherty, Henry A., assignor to Greenerd Arbor Press Company, Nashua, N. H. Combination straightening block and test roll. 2,214,881; Sept. 17.
Doherty, Philip W. (See Noonan, T. A., and Doherty.)
Doherty, William H., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplifier. 2,210,028; Aug. 6.
Dohrman, Albert C., River Grove, Ill. Screen and storm window fastener. 2,225,163; Dec. 17.
Dohrn, Max, Berlin-Charlottenburg, and H. Nahme, Berlin-Zehlendorf, Germany. Derivatives of 2.6-dihydroxypyridine-4-carboxylic acid and making the same. 2,190,444; Feb. 13.
Dohrn, Max, Berlin-Charlottenburg, and P. Diedrich, Finkenkrug, Osthavelland, Germany, assignors to Schering Corporation, Bloomfield, N. J. Iodized hydroxy derivatives of 2-phenyl-quinoline-4-carboxylic acid and a method of producing the same. 2,220,086; Nov. 5.
Dohse, Hans, and R. Röber, Dortmund, Germany. Condensation of formaldehyde with urea and phenylthiourea. 2,189,563; Feb. 6.
Dohse, Hans, Heidelberg, and F. Spoun, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Bituminous materials. 2,191,295; Feb. 20.
Doht, Richard, Bratislava, Czechoslovakia, assignor, by mesne assignments, to Aktiengesellschaft Dynamit Nobel, Pressburg, Slovakia. Activating natural earths. 2,207,145; July 9.
Doig, William S., Inc. (See Harriett, William F., assignor.)
Doig, William S., Inc. (See Thedford, W. H., and Harriett, assignors.)
Doiguchi, Henry M., Schofield Barracks, Hawaii. Combined cushion and swimming belt. 2,211,104; Aug. 13.
Dolan & Bullock Co. (See Bullock, Frederick A., assignor.)
Dolan, Paul M., Deer Park, assignor to J. C. Hartley, Brooklyn, N. Y. Method and apparatus for reducing chemicals. 2,226,525; Dec. 24.
Dolbear, Benjamin L., Belmont, Mass., assignor to Radio Corporation of America. Direction finder correcting loop. 2,207,244; July 9.
Dolbear, Benjamin L., Belmont, Mass., and W. S. Webster, Palmyra, N. J., assignors to Radio Corporation of America. Direction finding. 2,220,087; Nov. 5.
Dolbear, Clinton E., assignor to P. Wiseman, P. K. Wiseman, and C. E. Dolbear, trustees, Antioch, Calif. Sweetening petroleum distillates. 2,221,183; Nov. 12.
Dole Refrigerating Company. (See Kleist, Herman W., assignor.)
Dole Valve Company, The. (See Chace, Thomas B., assignor.)
Dole Valve Company. (See French, Dudley K., assignor.)
Dole Valve Company, The. (See Lund, James K., assignor.)
Dole Valve Company, The. (See Traver, Clarence H., assignor.)
Dole Valve Company, The. (See Yonkers, William A., assignor.)
Dolezal, G. M., et al. (See Rust, Edgar H., assignor.)
Dolgoff, Marion H., Bronx, N. Y., assignor of one-half to A. Y. Dowell and one-half to K. W. Flocks, Washington, D. C. Hair holder. 2,210,802; Aug. 6.
Doll, Anne M. L., administratrix. (See Schlumberger, Conrad.)
Doll, John L., and C. W. Rogers, assignors to Syncro Devices, Incorporated, Detroit, Mich. Ignition mechanism for engines. 2,193,510; Mar. 12.
Dollahite, Kenneth J., Fort Worth, Tex. Perforating apparatus. 2,201,481; May 21.
Dollstedt, Carl. (See Dollstedt, Werner, and C.)
Dollstedt, Werner, Chicago, Ill., and C. Dollstedt, Gary, Ind. Window screening device. 2,191,166; Feb. 20.
Dolman, Clarence D., Chelan County, Wash., assignor to Hercules Glue Company. Insecticidal composition. 2,195,696; Apr. 2.
Dolphin, William, Chicago, Ill. Cup and the like. 2,189,136; Feb. 6.
Dolza, John. (See Chayne, C. A., and Dolza.)
Dolza, John, Flint, assignor to General Motors Corporation, Detroit, Mich. Fluid pressure system. 2,193,671; Mar. 12.

Dolza, John, Flint, assignor to General Motors Corporation, Detroit, Mich. Gear shift mechanism. 2,193,672; Mar. 12.
Dolza, John, Flint, assignor to General Motors Corporation, Detroit, Mich. Transmission remote control. 2,195,270; Mar. 26.
Dom, Chesley, Hamilton County, assignor to The Wm. Powell Company, Cincinnati, Ohio. Sheet metal nozzle valve. 2,196,107; Apr. 2.
Domagala, Martin J., Buffalo, N. Y. Device for attaching lures to fish lines. 2,216,487; Oct. 1.
Doman, Carl T., Geddes, and F. C. Savage, Syracuse, N. Y., assignors to Aircooled Motors Corporation. Air cooling system for internal combustion engines. 2,219,516; Oct. 29.
Dombrow, Bernard A., New York, N. Y., assignor to National Oil Products Company, Harrison, N. J. Cutting oil. 2,214,634; Sept. 10.
Dombrow, Bernard A., New York, N. Y., and R. M. Beach, Newark, assignors to National Oil Products Company, Harrison, N. J. Making sulphonated products. 2,203,524; June 4.
Dombrow, Bernard A., New York, N. Y., and L. T. Rosenberg, Ridgefield Park, assignors to National Oil Products Company, Harrison, N. J. Removing spray residues. 2,223,168; Nov. 26.
Dombrowsky, Louis. (See Degerth, J. G., and Dombrowsky.)
Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. Amplifier muting circuit. 2,186,825; Jan. 9.
Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. Automatic gain control system. 2,199,169; Apr. 30.
Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. Antenna. 2,201,857; May 21.
Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. Amplifier. 2,205,243; June 18.
Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. Television intermediate frequency separation circuit. 2,219,175; Oct. 22.
Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. Hum reduction. 2,223,206; Nov. 26.
Domellöf, Karl R., assignor to Aktiebolaget C. E. Johansson, Eskilstuna, Sweden. Insulating handle for micrometers, caliper gauges, and similar measuring tools. 2,222,336; Nov. 19.
Domenice, George M., Little Ferry, N. J., and R. K. Gross, Richmond Hill, N. Y. Loss preventing means for tube caps. 2,192,829; Mar. 5.
Domestic Manufacturing Company. (See Jenkins, Wayne E., assignor.)
Domingo, Julian, Newark, N. J. Game. 2,212,437; Aug. 20.
Dominguez, Joseph, New York, N. Y. Door lock attachment. 2,188,532; Jan. 30.
Dominion Electrical Manufacturing Company. (See Barnes, William A., assignor.)
Dominion Engineering Works Limited. (See Malkin, Bernard A., assignor.)
Dominion Engineering Works, Limited. (See Muir, William P., assignor.)
Dominion Oxygen Company. (See Debor, Hermann, and R., assignors.)
Dominion Textile Company Limited. (See Kershaw, John G., assignor.)
Domke, Fred E., assignor to W. H. Hutchinson & Son, Inc., Chicago, Ill. Machine for feeding, counting, and packaging articles. 2,204,126; June 11.
Domke, Fred E., assignor to W. H. Hutchinson & Son, Inc., Chicago, Ill. Distributing mechanism. 2,204,127; June 11.
Domler, Charles A., assignor to The Hadley Company, Inc., Providence, R. I. Bracelet. 2,195,106; Mar. 26.
Dommer, Henry, Buffalo, N. Y. Relay. 2,215,212; Sept. 17.
Donahey, Richard S., New Philadelphia, Ohio. Ceramic vault. 2,213,187; Sept. 3.
Donahoe, Ellis E., Dormont, assignor to The Don-Economy Window Company, Pittsburgh, Pa. Window sash. 2,185,888; Jan. 2.
Donahue, William B., Ossining, assignor to Feldspathic Research Corporation, New York, N. Y. Wear-resisting ceramic composition. 2,204,582; June 18.
Donal, John S., Jr., East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Mosaic electrode manufacture. 2,189,340; Feb. 6.
Donald-Boerner Corporation. (See Donald, Forrest V., assignor.)
Donald, Forrest V., assignor to Donald-Boerner Corporation, Milwaukee, Wis. Garden tractor. 2,211,260; Aug. 13.
Donaldson Company, Inc. (See Schulz, William H., assignor.)
Donaldson, Edward J. (See Leemhuis, Johannes C. P., assignor.)
Donaldson, Frank A., St. Paul, Minn. Centrifugal air cleaner. 2,193,479; Mar. 12.
Donaldson, Frank A., St. Paul, Minn. Radiator and air cleaner assembly. 2,203,407; June 4.
Donaldson, Frank A., St. Paul, Minn. Backfire oil trap for air cleaners. 2,206,718; July 2.
Donaldson, Frank A., St. Paul, Minn. Backfire oil trap. 2,219,176; Oct. 22.
Donaldson, Frank Y., Glendale, Calif. Intermittent flow device. 2,202,549; May 28.
Donaldson, Harry C., Jr. (See Swan, T. H., and Donaldson.)
Donaldson, John S., St. Albans, N. Y. Device for preventing the escape of fluid under pressure. 2,222,654; Nov. 26.
Donaldson, John S., St. Albans, assignor to Donaldson Piston Corporation, New York, N. Y. Piston rod bearing. 2,212,366; Aug. 20.
Donaldson Piston Corporation. (See Donaldson, John S., assignor.)
Donaldson, Robert R., Jr., Pittsburgh, assignor to J. M. Hopwood, Mt. Lebanon, Pa. Combustion control system. 2,220,837; Nov. 5.
Donaldson, William H. (See Parker, Robert H., assignor.)
Donath, Ernst. (See Herold P., Kroenig, Kaufmann, and Donath.)
Donath, Ernst. (See Pier, M., and Donath.)
Donath, Ernst. (See Pier, M., Urban, and Donath.)
Dondero, George V., San Francisco, Calif. Up-ski towing device. 2,217,946; Oct. 15.
Don-Economy Window Company, The. (See Donahoe, Ellis E., assignor.)
Doniger, Sundel, Far Rockaway, N. Y. Tool guide. 2,208,412; July 16.
Donlan, Theodore R., Roselle, N. J., assignor to Standard Oil Development Company. Modified lacquer and varnish diluent. 2,224,291; Dec. 10.
Donle, Harold P., assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Electronic tube circuits. 2,189,461; Feb. 6.
Donle, Harold P., and M. A. Michaels, assignors, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Bridge circuit. 2,189,462; Feb. 6.
Don Lee Broadcasting System. (See Lubcke, Harry R., assignor.)
Donley, Earl H., Elizabeth, assignor, to The Babcock & Wilson Company, Newark, N. J. Steam boiler. 2,217,512; Oct. 8.
Donley, Harold B., assignor to Columbus Metal Products Inc., Columbus, Ohio. Oil burning apparatus. 2,214,664; Sept. 10.
Donley, Harold B., assignor to Columbus Metal Products, Inc., Columbus, Ohio. Direction signal. 2,223,059; Nov. 26.
Donnell, Allan D., and A. Miller, assignors to The Rath Packing Company, Waterloo, Iowa. Transportable stand for vats. 2,218,022; Oct. 15.
Donnell, Emerson B., Racine, assignor to G. B. Taylor, Wauwautosa, Wis. Inclinometer. 2,206,003; June 25.
Donnell, Hugh L., Auburntown, Tenn. Animal trap. 2,188,109; Jan. 23.
Donnell, Lloyd H. (See Loudenslager, O. W., and Donnell.)
Donnell, Lloyd H., assignor to Goodyear-Zeppelin Corporation, Akron, Ohio. Airship. 2,197,568; Apr. 16.
Donnelly, Edward F., Malden, and T. J. McCarthy, Peabody, Mass. Relief valve for hot water tanks and heating systems. 2,206,601; July 2.
Donnelly, John C., New York, N. Y. Container. 2,200,200; May 7.
Donnelly, Joseph C., Barberton, Ohio, assignor to The Diamond Match Company, New York, N. Y. Straightening and clamping mechanism for booking machines. 2,210,887; Aug. 13.
Donnelly, William H. (See Holmes, Paul J., assignor.)
Donnelly, William H., and P. J. Holmes, Los Angeles, Calif. Radio navigation. 2,218,907; Oct. 22.
Donnelly, William J., New Britain, Conn. Trap mechanism. 2,226,200; Dec. 24.
Donnerberg, Harry, Sharonville, and E. H. Curtis, Jr., Cincinnati, assignors to The Nivison-Weiskopf Company, Reading, Ohio. Paper die cutting machine. 2,220,056; Oct. 29.
Donning, Henry B., assignor to National Pattern Co., Inc., New York, N. Y. Garment pattern. 2,215,780; Sept. 24.
D'Onofrio, Mario, Baltimore, Md. Combination article. 2,226,969; Dec. 31.
Donop, August W., assignor to Portable Plating and Equipment Company, Chicago, Ill. Railway car journal hoisting apparatus. 2,189,977; Feb. 13.
Donovan, Alfred F. (See Donovan, Alfred W. and A. F.)
Donovan, Alfred F., Boston, Mass. Making insoles. 2,213,066; Aug. 27.
Donovan, Alfred W., Quincy, Mass. Manufacture of footwear. 2,190,512; Feb. 13.
Donovan, Alfred W., Quincy, Mass. Method of and apparatus for use in making shoes. 2,195,107; Mar. 26.
Donovan, Alfred W. and A. F., Quincy, assignors to E. T. Wright & Company, Inc., Rockland, Mass. Manufacture of shoes. 2,219,355; Oct. 29.
Donovan, Arthur C., Jr., Brookline, assignor to The Gamewell Company, Newton Upper Falls, Mass. Fire alarm system. 2,217,797; Oct. 15.

Donovan, John F., East Cleveland, and F. J. Malloy, Cleveland Heights, Ohio, assignors to General Electric Company. Sealing-in machine. 2,185,704; Jan. 2.
Donovan, Patrick H., Chicago, Ill., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. High speed brake. 2,187,966; Jan. 23.
Donovan, Patrick L., Peoria, Ill. Harrow tooth and supporting bar therefor. 2,208,835; July 23.
Dons, Eddie M. (See Mapes, D. B., and Dons.)
Dons, Eddie M., and O. G. Mauro, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Molding wax. 2,216,188; Oct. 1.
Dons, Franciscus C., Amsterdam, Netherlands. Internal combustion engine. 2,203,648; June 4.
Dooley, Arthur F., Salem, and C. H. Stone, Peabody, assignors to C. W. Stone, Lynn, Mass. Transportation means. 2,204,667; June 18.
Dooley, Clarence H., et al. (See Dooley, Delmar D., assignor.)
Dooley, Delmar D., assignor of one-fourth to C. H. Dooley, Rock Island, Ill., one-fourth to H. K. Dooley, Los Angeles, Calif., and one-fourth to H. C. Snow, Auburn, Ind. Dual range transmission. 2,194,823; Mar. 26.
Dooley, H. Keith, et al. (See Dooley, Delmar D., assignor.)
Doolittle, Howard C., assignor to The Stanley Works, New Britain, Conn. Box strapping tool. 2,202,194; May 28.
Doolittle, Howard C., assignor to The Stanley Works, New Britain, Conn. Box strapping tool. 2,218,023; Oct. 15.
Doolittle, Mervin R., Jackson, Mich. Method and apparatus for the control of temperature. 2,206,298; July 2.
Doom, Ernest F., New Rochelle, N. Y., assignor to Electro Metallurgical Company. Making alloys. 2,203,214; June 4.
Doom, Ernest F., and W. J. Priestley, New Rochelle, N. Y., assignors to Electro Metallurgical Company. Alloy. 2,203,213; June 4.
Doppelt, Charles, Chicago, Ill. Portfolio, case, and the like. 2,196,179; Apr. 9.
Doppelt, Max J., Chicago, Ill. Duplicating device. 2,203,192; June 4.
Doppleb, Albrecht, assignor to P. Benninghofen and F. G. Diesbach, Hamilton, Ohio. Molding strip and attaching means. 2,208,542; July 16.
Doran, Albert B., assignor to H. R. MacMillan, Los Angeles, Calif. Nonhygroscopic match and producing same. 2,193,124; Mar. 12.
Doran, Albert B., Los Angeles, Calif., assignor to Dorex, Inc., Reno, Nev. Recovering metals from solutions. 2,200,357; May 14.
Doran, John E., assignor to The G. A. Gray Company, Cincinnati, Ohio. Rail leveling mechanism for planers and the like. 2,188,568; Jan. 30.
Doran, John H., Scotia, N. Y., assignor to General Electric Company. Elastic fluid turbine condenser arrangement. 2,191,343; Feb. 20.
Doran, John H., Scotia, N. Y., assignor to General Electric Company. Nozzle diaphragm. 2,196,062; Apr. 2.
Doran, John H., Scotia, N. Y., assignor to General Electric Company. Keyed shaft structure. 2,197,631; Apr. 16.
Doran, John H., Scotia, N. Y., assignor to General Electric Company. Elastic fluid turbine bucket wheel. 2,221,672; Nov. 12.
Doran, John J., Fredericton, New Brunswick, Canada. Artificial tree. 2,214,046; Sept. 10.
Doran, Wilbur J. (See Shonle, H. A., and Doran.)
Dorcas, Merrill J. (See Supplee, G. C., and Dorcas.)
Doremus, Henry R., Provo, Utah. Line guide for fishing rods. 2,216,002; Sept. 24.
Dorer, Oscar H., East Orange, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Centrifugal pump. 2,219,098; Oct. 22.
Dorex, Inc. (See Doran, Albert B., assignor.)
Dorey, George B., Westmount, Quebec, Canada. Journal box lid. 2,223,340; Dec. 3.
Dorfman, Hiller D., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,199,622; May 7.
Dorfman, Robert S., Brooklyn, N. Y. Mechanical pencil. 2,219,769; Oct. 29.
Dorgelo, Eduard G. (See de Boer, J. H., Elenbaas, Dorgelo, and Lemmens.)
Dorgelo, Eduard G. (See van Alphen, P. M., Dorgelo, and Lemmens.)
Dorgelo, Eduard G., Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric discharge device. 2,200,950; May 14.
Dorgelo, Eduard G., W. Elenbaas, H. J. Lemmens, and M. J. Jansen, Eindhoven, Netherlands, assignors to General Electric Company. Electric incandescent lamp. 2,211,597; Aug. 13.
Dorgelo, Eduard G., and P. M. van Alphen, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Motion picture apparatus. 2,215,464; Sept. 24.
Dorian, Lucien, New York, N. Y., assignor to P. E. Cholet, New Brunswick, N. J. Low loss cable. 2,218,085; Oct. 15.
Dorin Corporation, The. (See Rautenstrauch, Walter, assignor.)
Döring, Martin, Dresden, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Temperature regulator. 2,187,418; Jan. 16.
Dorkin, Joshua J., Brooklyn, N. Y., assignor to Handi Necktie Machinery Corp. Necktie assembling apparatus. 2,211,768; Aug. 20.
Dorman, Edgar P., assignor to The United Glass Bottle Manufacturers Limited, London, England. Adjustable cam. 2,188,108; Jan. 23.
Dorman, Isidore, Brooklyn, N. Y. Iron cord connection. 2,191,011; Feb. 20.
Dorman, Kenneth L., Grand Rapids, Mich. Radio antenna. 2,203,985; June 11.
Dormont, George I., assignor of 50 per cent to F. W. Monroe, Los Angeles, Calif. Telephone dial attachment. 2,198,935; Apr. 30.
Dormoy, Jules M. J., Paris, and R. Doucot, Livry-Gargan, France, assignors, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Construction of dry surface contact rectifiers and the like. 2,213,388; Sept. 3.
Dorn, Edward. (See Smith, Thomas E., assignor.)
Dorn, Harry P. (See David, B. W., and Dorn.)
Dorn, Randolph J., Sandusky, assignor to The Barr Rubber Products Company, Sandusky, Ohio. Animal ball. 2,217,434; Oct. 8.
Dorn, Walter, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Variable condenser. 2,225,770: Dec. 24.
Dorner, Hermann I. A., Hanover, Germany. Collapsible propeller for airplanes. 2,198,475; Apr. 23.
Dornier, Claude, assignor of one-half to Dornier-Werke G. m. b. H., Friedrichshafen-on-the-Bodensee, Germany. Retractable element for aircraft. 2,224,571; Dec. 10.
Dornier-Werke G. m. b. H. (See Dornier, Claude, assignor.)
Dornvan Corporation, The. (See Van Dorn, Herbert E., assignor.)
Dorph, Kurt W. F., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production of hyposulphites. 2,204,476; June 11.
Dörr, Arnold, Berlin, Germany. Apparatus for producing endless extended coil structures. 2,209,114; July 23.
Dorr Company, The. (See Bachmann, Frank, assignor.)
Dorr Company, The. (See Dorr, John V., assignor.)
Dorr Company, The. (See Dorr, J. V. N., Weber, Darby, and Roberts, assignors.)
Dorr Company, The. (See Downes, Frank A., assignor.)
Dorr Company, The. (See Fischer, Anthony J., assignor.)
Dorr Company, The. (See Hubbell, G. E., Scott and Darby, assignors).)
Dorr Company, The. (See Hunter, Henry G., assignor.)
Dorr Company, The. (See Knowles, J. H., and Coulter, assignors.)
Dorr Company, The. (See Lund, Nels B., assignor.)
Dorr Company, The. (See Scott, Charles H., assignor.)
Dorr Company, The. (See Shafor, R. W., and Kite, assignors.)
Dorr Company, The. (See Stedman, William A., assignor.)
Dorr Company, Inc., The. (See Lund, Nels B., assignor.)
Dorr, John V., Westport, Conn., assignor to The Dorr Company, Inc., New York, N. Y. Flocculation process and apparatus. 2,190,596; Feb. 13.
Dorr, John V. N., New York, and W. C. Weber, Larchmont, N. Y., and G. M. Darby, and E. J. Roberts, Westport, Conn., assignors to The Dorr Company, Inc., New York, N. Y. Sedimentation process and apparatus. 2,185,785; Jan. 2.
Dorrer, Eugen. (See Beck, H., and Dorrer.)
Dorrington, Neill E., Oswego, and G. A. Cullom, assignors to St. Regis Paper Company, New York, N. Y. Automatic scale. 2,202,947; June 4.
Dorris, George P., St. Louis, Mo. Vehicle chassis. 2,212,636; Aug. 27.
Dorset Industries (Poole) Limited. (See Hoyer, H. H., and Wilson, assignors.)
Dorsett, Leonard P., Bethlehem, and H. Smith, Southampton, Pa. Chronograph. 2,212,981; Aug. 27.
Dorsey, Benjamin L., Los Angeles, Calif. Hat. 2,214,995; Sept. 17.
Dorsey, Hugh M., Jr. (See Campbell, J. L., Jr., and Dorsey.)
Dorsey, Louis F., Dayton, Ohio. Support for garment hangers and the like. 2,196,196; Apr. 9.
Dortch Stove Works, Inc. (See Criddle, Edward S., assignor.)
Dortort, Isadore K., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electron discharge device control system. 2,189,782; Feb. 13.
Dorwin, Cliff W., Oakland, and B. Edwards, Hollywood, Calif., assignors of twenty-nine per cent to J. F. Tulloch and twenty per cent to G. H. Sharp. Throttle control in internal combustion engine. 2,214,047; Sept. 10.
Doser, Arnold, Cologne, and O. Bayer and K. Hintzmann, Leverkusen I. G.-Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Water repellent textile material. 2,191,982; Feb. 27.
Dosser, Robert C. (See Britton, E. C., Dosser, and Sculati.)
Dosser, Robert C., assignor to The Dow Chemical Company, Midland, Mich. Manufacture of cyclohexene. 2,186,370; Jan. 9.

Dostal, Frank X., assignor to Transformer Corporation of America, New York, N. Y. Current converting contactor mechanism. 2,225,335; Dec. 17.
Dostal, John R., assignor to Sturdy-Bilt Equipment Corporation, Milwaukee, Wis. Bottle washing machine. 2,191,227; Feb. 20.
Dostal, John R., assignor to Sturdy-Bilt Equipment Corporation, Milwaukee, Wis. Conveyer for bottle-washing machine. 2,210,529; Aug. 6.
Dostal, John R., assignor to Sturdy-Bilt Equipment Corporation, Milwaukee, Wis. Bottle ejecting and delivering mechanism. 2,210,530; Aug. 6.
Dostal, John R., assignor, by mesne assignments, to Sturdy-Bilt Equipment Corporation, Milwaukee, Wis. Bottle washer. 2,219,007; Oct. 22.
Dostal, John R., assignor to Sturdy-Bilt Equipment Corporation, Milwaukee, Wis. Bottle conveyer flight. 2,223,060; Nov. 26.
Dostal, John R., assignor to Sturdy-Bilt Equipment Corporation, Milwaukee, Wis. Bottle conveyer. 2,223,846; Dec. 3.
Dostal, John R., assignor to Sturdy-Bilt Equipment Corporation, Milwaukee, Wis. Bottle washing machine. 2,225,429; Dec. 17.
Dostal, Joseph L., Birmingham, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Permanent mold machine. 2,219,864; Oct. 29.
Dotta, Louis, San Jose, assignor to Pratt-Low Preserving Company, Santa Clara, Calif. Artichoke trimming machine. 2,204,846; June 18.
Dotterer, Frank A., assignor to R-B-M Manufacturing Company, Logansport, Ind. Headlight beam indicator. 2,221,078; Nov. 12.
Doty, Charles R., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Printing telegraph system. 2,195,852; Apr. 2.
Doty, Charles R., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,206,665; July 2.
Doty, Charles R., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,210,571; Aug. 6.
Doty, Charles R., Yonkers, assignor to International Business Machines Corporation, New York, N. Y. Signaling system. 2,217,161; Oct. 8.
Doty, Clifford B., assignor to Briggs Manufacturing Company, Detroit, Mich. Trim panel fastener. 2,208,722; July 23.
Doty, Clifford B., assignor to Briggs Manufacturing Company, Detroit, Mich. Scuff plate. 2,208,723; July 23.
Doty, Ira G., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Barrel truck. 2,222,142; Nov. 19.
Doty, Raymond B., Cleveland, and F. A. Ross, Lakewood, assignor to Bonnar-Vawter Fanform Company, Inc., Cleveland, Ohio. Intermittent feeder. 2,208,964; July 23.
Double, Plummer E. (See Langmaid, C. T., and Double.)
Double, Plummer E., Detroit, and F. Wascher, Flint, Mich. Clinch-nut machine. 2,187,647; Jan. 16.
Double, Plummer E., Detroit, and F. Wascher, Flint, Mich. Clutch mechanism. 2,191,983; Feb. 27.
Double, Plummer E., Detroit, and F. Wascher, Flint, Mich. Hopper mechanism. 2,205,087; June 18.
Doucot, Roger. (See Dormoy, J. M. J., and Doucot.)
Doud, Charles A., Alta Loma, Tex. Device for laying pipe at an oil rigging. 2,201,813; May 21.
Doud, Olive M., and R. V. Otto, Newell, S. Dak. Machine for circulating clean, deodorized, and sterilized air. 2,209,054; July 23.
Dougherty, Elmer E., Glen Ridge, N. J. Generating chlorine and production of valuable by-products. 2,204,888; June 18.
Dougherty, James W., McKeesport, Pa. Device for polishing shoes. 2,209,812; July 30.
Dough-King, Inc. (See Caswell, F. C., and Lagaard, assignors.)
Dough-King, Inc. (See Gardner, Stephen A., assignor.)
Dough-King, Inc. (See Lagaard, Alexander S. T., assignor.)
Dough-King, Inc. (See Toews, Peter J., assignor.)
Doughman, Ferman C., Stamford, Conn., assignor to Electrolux Corporation, Dover, Del. Electric cord set. 2,186,578; Jan. 9.
Doughman, Ferman C., Stamford, Conn., assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner switch. 2,197,337; Apr. 16.
Doughman, Ferman C., Stamford, Conn., assignor to Electrolux Corporation, Dover, Del. Electric motor. 2,211,006; Aug. 13.
Douglas Aircraft Company. (See Guerin, Henry E., assignor.)
Douglas, Alfred D., assignor to Michigan Book Binding Company, Detroit, Mich. Bookbinding. 2,196,386; Apr. 9.
Douglas, Frank L., Bournemouth, England. Percussion or repercussion apparatus. 2,203,384; June 4.
Douglas, H. A., Mfg. Co. (See Foster, W. M., and Drury, assignors.)
Douglas, Harry A., Bronson, Mich. Missile projecting device. 2,214,224; Sept. 10.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical connection means. 2,194,824; Mar. 26.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical connecting means. 2,195,271; Mar. 26.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical switching device. 2,203,326; June 4.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical connection means. 2,205,244; June 18.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical switching device. 2,205,245; June 18.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation, Kokomo, Ind. Telltale. 2,207,507; July 9.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical connection means. 2,226,849; Dec. 31.
Douglas, John W., et al. (See Thigpen, Emmitt B., assignor.)
Douglas, Kenneth F., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter control. 2,201,393; May 21.
Douglas, Leslie, Nashville, Tenn. Mechanical adjuster and manipulator. 2,221,785; Nov. 19.
Douglas, Louis M. (See Cook, S. S., and Douglas.)
Douglas, Samuel H., Detroit, Mich. Lunch box. 2,197,034; Apr. 16.
Douglas, Thomas B. (See Tyler, W. E., Douglas, Chamberlain, and Loveland.)
Douglas, William, Whitstable, England. Transfer sheet arrangement for use with continuous copy sheets in typewriters and the like. 2,209,195; July 23.
Douglas, Wilmot C., Plainfield, N. J., assignor to The Celotex Corporation, Chicago, Ill. Partition construction. 2,205,088; June 18.
Douglass Aircraft Company. (See Traumann, Herbert L., assignor.)
Douglass, Cecil N., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Distributing valve for pneumatic hammers. 2,201,431; May 21.
Douglass, Samuel H., Detroit, Mich. Lunch box. 2,187,196; Jan. 16.
Dourson, Leonard F., and F. A. Kemen, assignors of one-third to S. Rosenthal & Co., Inc., Cincinnati, Ohio. Printer's chase. 2,207,975; July 16.
Doushkess, William N., Easton, Pa., assignor to J. T. Baker Chemical Co., Phillipsburg, N. J. Pharmaceutical preparation. 2,224,256; Dec. 10.
Dousma, Jacob, Ede, Gelderland, Netherlands, assignor to American Enka Corporation, Enka, N. C. Aftertreatment of rayon packages. 2,208,965; July 23.
Douthitt, Albert G., St. Paul, Minn. Cribbage board. 2,223,604; Dec. 3.
Douty, Alfred, Elkins Park, assignor to American Chemical Paint Company, Ambler, Pa. Electrical measuring equipment. 2,224,382; Dec. 10.
Dovaston, George, and G. E. G. Graham, assignors to Baird Television Limited, London, England. Television and like system. 2,188,679; Jan. 30.
Dove, John A., Sutton-in-Ashfield, assignor to Barringer, Wallis & Manners Limited, Mansfield, England. Shaping tubes or containers. 2,194,385; Mar. 19.
Dover, Pierre F., Rye, assignor to H. L. Judd Company, Inc., New York, N. Y. Curtain rod. 2,223,282; Nov. 26.
Dover, Pierre F., Rye, assignor to H. L. Judd Company, Inc., New York, N. Y. Curtain rod. 2,224,903; Dec. 17.
Dover, Samuel M. (See Russell, John K., assignor.)
Dover, Samuel M. (See Morehead, James A., assignor.)
Dow, Bartlett A., Portland, Maine. Antislipping device. 2,189,884; Feb. 13.
Dow Chemical Company, The. (See Alquist, F. N., and Slagh, assignors.)
Dow Chemical Company, The. (See Amos, James L., assignor.)
Dow Chemical Company, The. (See Amos, J. L., Dreisbach, and Williams, assignors.)
Dow Chemical Company, The. (See Amos, J. L., and Hooker, assignors.)
Dow Chemical Company, The. (See Amos, J. L., Williams, and Winnicki, assignors.)
Dow Chemical Company, The. (See Bass, Shalier L., assignor.)
Dow Chemical Company, The. (See Bass, S. L., and Britton, assignors.)
Dow Chemical Company, The. (See Bass, S. L., and Hallonquist, assignors.)
Dow Chemical Company, The. (See Bass, S. L., Kauppi, and Moyle, assignors.)
Dow Chemical Company, The. (See Bass, S. L., Kauppi, and Smith, assignors.)
Dow Chemical Company, The. (See Bass, S. L., and Kropscott, assignors.)
Dow Chemical Company, The. (See Bass, S. L., Stoesser, and Lowry, assignors.)
Dow Chemical Company, The. (See Bender, Harry, assignor.)
Dow Chemical Company, The. (See Best, Norman A., assignor.)
Dow Chemical Company, The. (See Britton, Edgar C., assignor.)
Dow Chemical Company, The. (See Britton, E. C., and Coleman.)

Dow Chemical Company, The. (See Britton, E. C., Coleman, and Zemba, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Davis, assignors.)
Dow Chemical Company, The. (See Britton, E. C., Dosser, and Sculati, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Harding, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Livak, assignors.)
Dow Chemical Company, The. (See Britton, E. C., Marshall, and Le Fevre, assignors.)
Dow Chemical Company, The. (See Britton, E. C., Nutting, and Horsley, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Moyle, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Slagh, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Smith, assignors.)
Dow Chemical Company, The. (See Coleman, Gerald H., assignor.)
Dow Chemical Company, The. (See Coleman, G. H., and Hadler, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., Mills, and Moore, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., and Moore, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., Moore, and Stratton, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., and Moyle, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., and Sapp, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., and Stratton, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., and Zemba, assignors.)
Dow Chemical Company, The. (See Collings, W. R., Freeman, and Upright, assignors.)
Dow Chemical Company, The. (See Collings, W. R., and Hoeltzel, assignors.)
Dow Chemical Company, The. (See De Groote, Melvin, assignor.)
Dow Chemical Company, The. (See Dieterich, Francis L., assignor.)
Dow Chemical Company, The. (See Dosser, Robert C., assignor.)
Dow Chemical Company, The. (See Dreisbach, Robert R., assignor.)
Dow Chemical Company, The. (See Dreisbach, R. R., Britton, and Perkins, assignors.)
Dow Chemical Company, The. (See Dreisbach, R. R., and Heusted, assignors.)
Dow Chemical Company, The. (See Dreisbach, R. R., and Pierce, assignors.)
Dow Chemical Company, The. (See Dutton, Walter C., assignor.)
Dow Chemical Company, The. (See Fletcher, F. W., Lynn, and Smith, assignors.)
Dow Chemical Company, The. (See Fry, William A., assignor.)
Dow Chemical Company, The. (See Galloway, Cecil M., assignor.)
Dow Chemical Company, The. (See Gibb, D. L., and Freeman, assignors.)
Dow Chemical Company, The. (See Grether, E. F., and Du Vall, assignors.)
Dow Chemical Company, The. (See Hanawalt, J. D., and McDonald, assignors.)
Dow Chemical Company, The. (See Heath, S. B., and Bennett, assignors.)
Dow Chemical Company. (See Heath, S. B., and Keller, assignors.)
Dow Chemical Company, The. (See Heath, S. B., and Minger, assignor.)
Dow Chemical Company, The. (See Heath, S. B., and Scoles, assignors.)
Dow Chemical Company, The. (See Hebbard, G. R., and Lloyd, assignors.)
Dow Chemical Company, The. (See Hefley, D. G., and Stone, assignors.)
Dow Chemical Company, The. (See Hunter, Ralph M., assignor.)
Dow Chemical Company, The. (See Irons, Carroll, assignor.)
Dow Chemical Company, The. (See Irons, C., and Chamberlain, assignors.)
Dow Chemical Company, The. (See Kauppi, T. A., and Bacon, assignors.)
Dow Chemical Company, The. (See Kauppi, T. A., Bacon, and Smith, assignors.)
Dow Chemical Company, The. (See Kauppi, T. A., and Bradshaw, assignors.)
Dow Chemical Company, The. (See Kennedy, C. C., and Russell, assignors.)
Dow Chemical Company, The. (See Keyl, A. C., and Blue, assignors.)
Dow Chemical Company, The. (See Kirk, Roy C., assignor.)
Dow Chemical Company, The. (See Kropscott, Earle L., assignor.)
Dow Chemical Company, The. (See Lehnhard, Philip J., Jr., assignor.)
Dow Chemical Company, The. (See Livak, John E., assignor.)
Dow Chemical Company, The. (See Livak, J. E., and Carlson, assignors.)
Dow Chemical Company, The. (See Livak, J. E., Coleman, and Moyle, assignors.)
Dow Chemical Company, The. (See Lowry, Robert D., assignor.)
Dow Chemical Company, The. (See MacAfee, Merrill W., assignor.)
Dow Chemical Company, The. (See Maness, Orie N., assignor.)
Dow Chemical Company, The. (See McCarroll, Henry G., assignor.)
Dow Chemical Company, The. (See McDonald, John C., assignor.)
Dow Chemical Company, The. (See McDonald, J. C., and Hanawalt, assignors.)
Dow Chemical Company, The. (See McGavock, William C., assignor.)
Dow Chemical Company, The. (See Mills, Lindley E., assignor.)
Dow Chemical Company, The. (See Mills, L. E., and Fayerweather, assignors.)
Dow Chemical Company, The. (See Mills, L. E., and Galloway, assignors.)
Dow Chemical Company, The. (See Moyle, Clarence L., assignor.)
Dow Chemical Company, The. (See Moyle, C. L., and Van Duzee, assignors.)
Dow Chemical Company, The. (See Nelson, C. E., and Otis, assignors.)
Dow Chemical Company, The. (See Nutting, H. S., and Huscher, assignors.)
Dow Chemical Company, The. (See Partansky, Alexander M., assignor.)
Dow Chemical Company, The. (See Peake, J. S., and Bennett, assignors.)
Dow Chemical Company, The. (See Peake, J. S., and Nelson, assignors.)
Dow Chemical Company, The. (See Pedersen, William W., assignor.)
Dow Chemical Company, The. (See Perkins, Ralph P., assignor.)
Dow Chemical Company, The. (See Prutton, Carl F., assignor.)
Dow Chemical Company, The. (See Reimers, Hans A., assignor.)
Dow Chemical Company, The. (See Reinhardt, Robert C., assignor.)
Dow Chemical Company, The. (See Richards, Leo D., assignor.)
Dow Chemical Company, The. (See Robinson, Harold A., assignor.)
Dow Chemical Company, The. (See Russell, Charles R., assignor.)
Dow Chemical Company, The. (See Simons, Frank A., assignor.)
Dow Chemical Company, The. (See Slagh, Harold R., assignor.)
Dow Chemical Company, The. (See Slagh, H. R., and Alquist, assignors.)
Dow Chemical Company, The. (See Smith, Frank B., assignor.)
Dow Chemical Company, The. (See Smith, F. B., and Hansen, assignors.)
Dow Chemical Company, The. (See Smith, F. B., and Moll, assignors.)
Dow Chemical Company, The. (See Stephenson, W. T., and Pelton, assignors.)
Dow Chemical Company, The. (See Stevenson, Ralph A., assignor.)
Dow Chemical Company, The. (See Stoesser, Sylvia M., assignor.)
Dow Chemical Company, The. (See Stoesser, S. M., and Boundy, assignors.)
Dow Chemical Company, The. (See Stoesser, S. M., and Gabel, assignors.)
Dow Chemical Company, The. (See Sutherlin, J., and McConnell, assignors.)
Dow Chemical Company, The. (See Taylor, Fred L., assignor.)
Dow Chemical Company, The. (See Tuennermann, Eric P., assignor.)
Dow Chemical Company, The. (See Wells, Sidney D., assignor.)
Dow Chemical Company, The. (See White, Elwood V., assignor.)
Dow Chemical Company, The. (See White, R. L., and Lyons, assignors.)
Dow Chemical Company, The. (See Wiley, Ralph M., assignor.)
Dow, Dewey M., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,188,809; Jan. 30.
Dow, Dewey M., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,200,738; May 14.
Dow, Dewey M., F. H. Burmeister, and C. R. Heckler, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,213,792; Sept. 3.
Dow, Frank R. (See Whitman, Gerald D., assignor.)
Dow, Harold T., Elma, N. Y., assignor to Spring Perch Company, Inc. Vehicle spring. 2,227,300; Dec. 31.

Dow, Harry E., and I. B. Andrews, Beverly, Mass., assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe treeing and shaping machine. 2,193,191; Mar. 12.
Dow, Jennings B., Washington, D. C. Antenna system. 2,209,813; July 30.
Dow, Louis F., Company. (See Dunn, Clarence J., assignor.)
Dow, Orville E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Over-modulation alarm device. 2,216,232; Oct. 1.
Dow, Richard F., assignor to The Whitney Chain & Mfg. Company, Hartford, Conn. Slack take-up device. 2,196,255; Apr. 9.
Dow, Walter K., Baltimore, Md. High and low pressure regulator or reducing valve. 2,195,242; Mar. 26.
Dowd, Bernard J., West Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,211,967; Aug. 20.
Dowd, Bernard J., West Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,211,969; Aug. 20.
Dowd, Edmund B., Homewood, assignor to T. L. Dowd, Chicago, Ill. Sheathing excavation walls. 2,188,077; Jan. 23.
Dowd, Raymond E., Chicago, Ill., assignor to The Russell Manufacturing Company, Middletown, Conn. Buckle. 2,191,228; Feb. 20.
Dowd, Thomas L. (See Dowd, Edmund B., assignor.)
Dowdall, James T., assignor, by mesne assignments, to E. B. Straus, Gloversville, N. Y. Sewing machine. 2,192,493; Mar. 5.
Dowell, A. Yates, et al. (See Dolgoff, Marion H., assignor.)
Dowell, Millard F. (See Holm-Hansen, O., and Dowell.)
Dower, David W., Burlingame, and A. W. Clark, Albany, Calif. Impulse track circuit. 2,187,225; Jan. 16.
Dowey, Thomas L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Reed type voice frequency generator. 2,220,088; Nov. 5.
Dowless, William B., Abbottsburg, N. C. Tobacco drying and curing means. 2,223,301; Nov. 26.
Dowling, Harold E. (See Albertson, F. O., and Dowling.)
Dowling, Martin J., assignor to Atlantic Stamping Company, Rochester, N. Y. Milk straining unit. 2,209,447; July 30.
Dowling, Philip H., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical rectifier. 2,186,781; Jan. 9.
Dowling, Philip H., Forest Hills, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa. Manufacture of electrical rectifiers. 2,213,389; Sept. 3.
Dowling, Philip H., Forest Hills, and J. D. McCluer, Wilkinsburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Electrical rectifier. 2,197,632; Apr. 16.
Dowling, Walter T. (See Tompkins, E. H., & Dowling.)
Down, Sidney G., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake rigging. 2,191,821; Feb. 27.
Down, Sidney G., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electrically controlled brake. 2,218,605; Oct. 22.
Downes, Daniel T., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Mounting for frames in building walls. 2,190,354; Feb. 13.
Downes, Edward J., Albany, N. Y. Laundry drier. 2,197,100; Apr. 16.
Downes, Frank A., Larchmont, assignor to The Dorr Company, Inc., New York, N. Y. Sewage digestion. 2,195,408; Apr. 2.
Downes, Jack J., Tampa, assignor of one-half to W. W. Pekks, Clearwater, Fla. Tool handle. 2,192,399; Mar. 5.
Downey, Bert F. (See Watson, Oliver, assignor.)
Downey, Clement L., Cincinnati, Ohio. Coin wrapper. 2,205,283; June 18.
Downey, George T., assignor to Aero Supply Manufacturing Co., Inc., Corry, Pa. Static pressure valve. 2,185,889; Jan. 2.
Downey, George T., assignor to Aero Supply Manufacturing Co., Inc., Corry, Pa. Valve structure. 2,219,982; Oct. 29.
Downey, George T., assignor to Aero Supply Manufacturing Co., Inc., Corry, Pa. Valve seat. 2,220,782; Nov. 5.
Downey, George T., assignor to Aero Supply Manufacturing Co. Inc., Corry, Pa. Poppet valve. 2,223,247; Nov. 26.
Downey, John J., Los Angeles, Calif., assignor to Sinclair Refining Company, New York, N. Y. Manufacture of gasoline and fuel oil. 2,209,154; July 23.
Downflow Syphon Company. (See Hawley, Charles G.)
Downing, Carter H., San Francisco, Calif., assignor to Foot Balance, Inc., Danville, Ill. Specific mechanical determination of bodily equilibrium. 2,192,435; Mar. 5.
Downing, Frederick B. (See Carter, A. S., and Downing.)
Downing, Frederick B., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing zinc formaldehyde sulphoxylate. 2,223,886; Dec. 3.
Downing, Frederick B., Penns Grove, N. J., and W. H. Markwood, Jr., Fairville, Pa., assignors to Kinetic Chemicals, Inc., Wilmington, Del. Refrigerating system. 2,212,826; Aug. 27.
Downing, Frederick B., Carneys Point, A. F. Benning, Penns Grove, N. J., and L. G. Benton, Wilmington, Del. Lubrication of steam cylinders. 2,215,956; Sept. 24.
Downing, Thomas F., Jr., Philadelphia, Pa. Cleaning coal. 2,212,264; Aug. 20.
Downing, Thomas F., Jr., Philadelphia, Pa. Separation of bodies of different physical properties. 2,212,265; Aug. 20.
Downing, William C., Jr., assignor to Lincoln Meter Company, Inc., Springfield, Ill. Thermal metering apparatus. 2,212,730; Aug. 27.
Downing, William C., Jr., assignor to Lincoln Meter Company, Inc., Springfield, Ill. Thermal metering apparatus. 2,213,339; Sept. 3.
Downingtown Manufacturing Company. (See Standley, Albert H., assignor.)
Downs, Arthur R., Brighton, assignor to The Garrard Engineering and Manufacturing Company Limited, Swindon, England. Automatic changing mechanism for disk records. 2,188,769; Jan. 30.
Downs, Charles R., Old Greenwich, assignor to The Calorider Corporation, Greenwich, Conn. Conditioning air. 2,192,126; Feb. 27.
Downs, Charles R., Old Greenwich, Conn., and J. W. Spiselman, Brooklyn, N. Y. Air conditioning system. 2,210,656; Aug. 6.
Downs, Charles R., Old Greenwich, Conn., and J. W. Spiselman, Brooklyn, N. Y., assignors, by mesne assignments, to The Calorider Corporation, Greenwich, Conn. Method and apparatus for conditioning air. 2,221,786; Nov. 19.
Downs, Charles R., Old Greenwich, Conn., and J. W. Spiselman, Mamaroneck, N. Y., assignors, by mesne assignments, to The Calorider Corporation, Greenwich, Conn. Method and apparatus for conditioning air and other gases. 2,221,787; Nov. 19.
Downs, Charles R., Old Greenwich, Conn., and J. W. Spiselman, Mamaroneck, N. Y., assignors, by mesne assignments, to The Calorider Corporation, Greenwich, Conn. Method and apparatus for reconcentrating hygroscopic liquids. 2,222,561; Nov. 19.
Downs, John M., assignor to The Curtis Publishing Company, Philadelphia, Pa. Apparatus for printing. 2,218,282; Oct. 15.
Downs, William T., assignor to Evans Products Company, Detroit, Mich. Automobile body heater. 2,213,364; Sept. 3.
Dowrick, Thomas, and J. F. Chase, Sacramento, Calif. Whistle valve. 2,213,488; Sept. 3.
Doyen, Daniel, Brussels, Belgium, assignor to Prest-O-Lite Battery Company, Inc. Apparatus for the manufacture of lead oxide. 2,208,146; July 16.
Doyle, Charles J., Beaumont, Tex. Telemetric system for remote indication. 2,216,069; Sept. 24.
Doyle, Edmund A. (See Jones, H. W., Bucknam, and Doyle.)
Doyle, Edmund A. (See Jones, H. W., and Doyle.)
Doyle, Edmund A., Brooklyn, N. Y., assignor to The Linde Air Products Company. Cutting method and apparatus. 2,221,788; Nov. 19.
Doyle, Edmund A., Brooklyn, N. Y., assignor to Oxweld Acetylene Company. Portable hole cutting machine. 2,223,720; Dec. 3.
Doyle, Eugene P. and L. F. Long, Toledo, Ohio. Web splicing device for newspaper presses. 2,190,058; Feb. 13.
Doyle, Eugene P., and L. F. Long, Toledo, Ohio. Paster for newspaper presses. 2,194,140; Mar. 19.
Doyle, Frank B., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Controlling device for condensers. 2,209,391; July 30.
Doyle, George F., Chicago, Ill. Refractory anchor. 2,225,983; Dec. 24.
Doyle, Irving W. (See Gaty, J. P., and Doyle.)
Doyle, James C., Detroit, Mich. Shielding device for the eyes. 2,212,014; Aug. 20.
Doyle, Leo V., Cleveland, Ohio. Support. 2,223,557; Dec. 3.
Doyle, Morgan J. (See Hartmann, Karl F., assignor.)
Doyle, Morgan J. (See (Strano, P., assignor), and Hulburt.)
Doyle, Thomas J., Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Applying binding to insoles. 2,191,646; Feb. 27.
Doyle, Thomas J., Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Sole edge inking machine. 2,200,417; May 14.
Doyle, William L. H., Swarthmore, Pa., assignor, by mesne assignments, to The Baldwin Locomotive Works. Exhaust apparatus. 2,194,928; Mar. 26.
Doyle, William R. (See Keller, C. A., and Doyle.)
Dozler, Ernst, Berlin-Steglitz, Germany, assignor to General Electric Company. Electric braking system. 2,189,579; Feb. 6.
Dozler, Ernst, Berlin-Steglitz, Germany, assignor to General Electric Company. Supply line for electric vehicles. 2,193,623; Mar. 12.
Drabik, Joseph, Chicago, Ill. Broach. 2,217,659; Oct. 15.
Drach, Herman. (See Lehn, J. U., and Drach.)
Drachman, Myron J., and K. Stoye, assignors to Peerless Laboratories, Inc., New York, N. Y. Plug socket. 2,198,193; Apr. 23.

Drachman, Myron J., and K. Stoye, assignors to Peerless Laboratories Inc., New York, N. Y. Adjustable joint. 2,202,195; May 28.
Drader, Joseph C., Detroit, and J. Martin, Ferndale, Mich., assignors to Michigan Tool Company. Worm element lapping machine. 2,209,562; July 30.
Draeger, Lloyd H., Milwaukee, Wis. Hitching device for trailers. 2,189,710; Feb. 6.
Draeger, Richard M., Beaver Dam, Wis. Fermented liquor. 2,206,719; July 2.
Dräger, Otto H. (See Hollmann, Franz, assignor.)
Drager, Otto H. (See von Hoff, Carl, assignor.)
Draggoo, Eli P., Chelan, Wash. Mechanical snare trap. 2,224,474; Dec. 10.
Dragon, Paul, San Francisco, Calif. Apparatus for shelling nuts. 2,220,320; Nov. 5.
Drain, Herbert D., assignor to Chicago Drainboard Co., Inc., Chicago, Ill. Sink and drainboard construction. 2,198,696; Apr. 30.
Drain, James A., Jr., and N. A. Leist, assignors to Stefco Steel Company, Michigan City, Ind. Insulated metal building construction. 2,212,982; Aug. 27.
Drake, Chester W., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Torque amplifier for dancer field rheostats. 2,214,609; Sept. 10.
Drake, Clarke S., assignor of one-half to G. J. Weigle, Milwaukee, Wis. Rake. 2,213,694; Sept. 3.
Drake, Edward P. (See Bird, L. O., and Drake.)
Drake, Edward P., Los Angeles, assignor to Lindsay Ripe Olive Companay, Lindsay, Calif. Automatic pitting machine. 2,205,397; June 25.
Drake, George F., assignor, by mesne assignments, to Barber-Colman Company, Rockford, Ill. System of control. 2,196,197; Apr. 9.
Drake, George F., assignor to Barber-Colman Company, Rockford, Ill. Automatic control for conditioning systems. 2,198,603; Apr. 30.
Drake, George F., assignor to Barber-Colman Company, Rockford, Ill. Control system. 2,211,769; Aug. 20.
Drake, George F., assignor to Barber-Colman Company, Rockford, Ill. Condition regulating system. 2,213,956; Sept. 10.
Drake, George R. (See Borgeson, C. A., Carter, Drake, Groome, and Hanley.)
Drake, Harcourt C., Hempstead, N. Y., assignor to Sperry Products, Inc., Hoboken, N. J. Rail flaw detector mechanism. 2,203,256; June 4.
Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector mechanism. 2,206,768; July 2.
Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector mechanism. 2,218,673; Oct. 22.
Drake, Harcourt C., Hempstead, and W. M. Perry, assignors to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector mechanism. 2,185,589; Jan. 2.
Drake, John L. (See Schafer, C. B., and Drake.)
Drake, John L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sheet edging apparatus. 2,200,984; May 14.
Drake Manufacturing Co. (See Foute, Albert J., assignor.)
Drake, Robert L., assignor to Bendix Radio Corporation, Chicago, Ill. Modulation system. 2,202,576; May 28.
Drakenfeld, B. F., & Co. (See Remington, V. H., and Andrews, assignors.)
Draminsky, Per, Copenhagen, Denmark. Hydraulic oscillation damper. 2,198,763; Apr. 30.
Drapeau, Joseph E., Jr., Calumet City, Ill., and L. G. Klinker, Hammond, Ind., assignors to The Glidden Company, Cleveland, Ohio. Metal powder. 2,216,769; Oct. 8.
Drapeau, Joseph E., Jr., Calumet City, Ill., and L. G. Klinker, New Castle, Pa., assignors to The Glidden Company, Cleveland, Ohio. Making metal powders and product. 2,216,770; Oct. 8.
Draper, Alexis L. (See Faye, R. A., and Draper.)
Draper, Charles S., Palo Alto, Calif., assignor to Research Corporation, New York, N. Y. Indicating apparatus. 2,202,900; June 4.
Draper Corporation. (See Billings, Harry A., assignor.)
Draper Corporation. (See Brown, Carl D., assignor.)
Draper Corporation. (See Burdett, Horace H., assignor.)
Draper Corporation. (See Johnson, James, assignor.)
Draper Corporation. (See Lanier, Henry J., assignor.)
Draper Corporation. (See Nichols, E. C., assignor.)
Draper Corporation. (See Rogers, Leonard M., assignor.)
Draper Corporation. (See Thatcher, Harry W., assignor.)
Draper, Harry S., and H. R. Jones, Warren, Ohio. Game device. 2,210,201; Aug. 6.
Drasky, Albert. (See Bresler, F., and Drasky.)
Draving, Arthur M., Philadelphia, P., assignor to Hugh H. Eby, Inc. Connector device. 2,196,254; Apr. 9.
Dravo Corporation. (See Dawson, A. J., and Willison, assignors.)
Dravo Corporation. (See Edwards, Vere B., assignor.)
Dravo Corporation. (See Kersting, B. H., and Enard, assignors.)
Dravo Corporation. (See Willison, Ernest, assignor.)
Dray, Clarence H., et al. (See Wert, Charles M., assignor.)
Drayer & Hanson, Incorporated. (See Clancy, Gilbert E., assignor.)
Dreger, Emil E., Summit, N. J., and J. Ross, New York, N. Y., assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Detergent and making same. 2,195,512; Apr. 2.
Dreher, Ellsworth B., New York, N. Y. Combined check and account book. 2,205,715; June 25.
Dreher, Elmer H., Rockville Centre, assignor to Remington Rand Inc., Buffalo, N. Y. Calculating machine. 2,214,014; Sept. 10.
Dreher, Elmer H., Rockville Centre, assignor to Remington Rand Inc., Buffalo, N. Y. Tabulator. 2,214,015; Sept. 10.
Dreikosen, Norbert A., Marathon, Wis. Agricultural device. 2,220,398; Nov. 5.
Dreisbach, Paul F. (See Renshaw, R. R., and Dreisbach.)
Dreisbach, Robert H., and N. F. Martin, assignors to The Magnavox Company Incorporated. Fort Wayne, Ind. Thermionic tube circuit. 2,203,277; June 4.
Dreisbach, Robert R. (See Amos, J. L., Dreisbach, and Williams.)
Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Reacting olefins with sulphuric acid. 2,210,316; Aug. 6.
Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Nuclear fluorinated vinyl aromatic hydrocarbons. 2,226,809; Dec. 31.
Dreisbach, Robert R., and G. B. Heusted, assignors to The Dow Chemical Company, Midland, Mich. Polyisoproply halobenzenes. 2,186,960; Jan. 16.
Dreisbach, Robert R., and J. E. Pierce, assignors to The Dow Chemical Company, Midland, Mich. Distilling mixtures containing vinyl aromatic hydrocarbons. 2,188,772; Jan. 30.
Dreisbach, Robert R., E. C. Britton, and R. P. Perkins, assignors to The Dow Chemical Company, Midland, Mich. Manufacturing alkyl phenols. 2,193,760; Mar. 12.
Dreisbaugh, Perry B., Sheffield Lake, assignor of one-half to Lloyd R. Waller, Avon Lake, Ohio. Tractor. 2,195,481; Apr. 2.
Dreiss, Daniel, Clichy, France. Large surface filter for all fluids. 2,210,397; Aug. 6.
Drekter, Isaac J. (See Natelson, S., Sobel, and Drekter.)
Drenko, Fred, Mobile, Ala. Coupled range finder. 2,190,559; Feb. 13.
Dreschsler, Karl E., Leipzig, Germany. Automatic barrel cleaning machine. 2,196,198; Apr. 9.
Dreshfield, Arthur C. (See Lawrence, W. J., and Dreshfield.)
Dresler, Albert. (See Kühne, J., and Dresler.)
Dresner, S., & Son, Inc. (See Plotkin, Joseph H., assignor.)
Dresser, Frank G., Providence, R. I. Surface construction for walls and the like. 2,218,377; Oct. 15.
Dresser, Frank G., Providence, R. I. Surface construction for ceilings, walls, and the like. 2,218,378; Oct. 15.
Dresser, Frank G., Providence, R. I. Bottle stopper and fastener. 2,225,860; Dec. 24.
Dresser Manufacturing Company. (See Curtis, John A., assignor.)
Dresser Manufacturing Company. (See Martin, Clyde J., assignor.)
Dresser Manufacturing Company. (See Pfefferle, George H., assignor.)
Dresser, Manufacturing Company. (See Szekely, George E., assignor.)
Dresser, Walter H., and W. E. Van Doren, San Francisco, Calif.; said Dresser assignor to said Van Doren. Ventilating device. 2,202,339; May 28.
Dressler, Adolph C., assignor to Dieselair Corporation, Miami, Okla. Breather system for internal combustion engines. 2,185,501; Jan. 2.
Dressler, Max, Berlin-Haselhorst, and W. Skawran, Berlin-Spandau, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt near Berlin, Germany. Printing telegraph apparatus. 2,223,820; Dec. 3.
Dreux, Alexander H., Orchard Park, and J. N. Royal, assignors, by mesne assignments, to F. N. Burt Company, Inc., Buffalo, N. Y. Box. 2,211,885; Aug. 20.
Drew, Donald E., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sized pellicle. 2,226,554; Dec. 31.
Drew, James F. (See Naysmith, A. M., Drew, and Budzinski.)
Drew, John, et al. (See Mobarry, Robert G., assignor.)
Drew, Richard G., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Adhesive. 2,188,099; Jan. 23.
Drew, Richard G., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Adhesive. 2,203,677; June 11.
Drew, Richard G., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Adhesive tape dispenser. 2,213,242; Sept. 3.
Drew, Wettermark C., Santa Paula, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Irrigation furrow former and packer. 2,214,812; Sept. 17.
Drew, William F. (See Duerr, H. O., and Drew.)
Drews, Gustav. (See Hansen, James, assignor.)
Drewsen, Pierre, Sandusky, Ohio, assignor to The Barrett Company, New York, N. Y. Making felt. 2,188,533; Jan. 30.

Drexel, Adolph E., Daytona Beach, Fla. Attachment for card tables. 2,198,408; Apr. 23.
Dreyer, Albert. (See Fentress, D. W., and Dreyer.)
Dreyer, Everett L., assignor to A. B. T. Manufacturing Corp., Chicago, Ill. Target range. 2,215,917; Sept. 24.
Dreyer, Francis L., Pretoria, Transvaal, and C. Bromley, Bloemfontein, Orange Free State, Union of South Africa; said Bromley assignor to said Dreyer. Flushing valve for urinals, water-closets, and the like. 2,205,033; June 18.
Dreyfus, Camille, New York, N. Y. Thread and the making same. 2,211,850; Aug. 20.
Dreyfus, Camille, New York, N. Y. Absorbent material. 2,214,124; Sept. 10.
Dreyfus, Camille, New York, N. Y. Making shaped articles containing organic derivatives of cellulose. 2,217,734; Oct. 15.
Dreyfus, Camille, New York, N. Y., and G. Schneider, Montclair, N. J., assignors to Celanese Corporation of America. Treatment of textile yarns and filaments. 2,201,992; May 28.
Dreyfus, Henry. (See Rivat, Georges, assignor.)
Dreyfus, Henry, London, England. Production of cellulosic materials. 2,186,101; Jan. 9.
Dreyfus, Henry, London, England. Manufacture of aliphatic anhydrides. 2,192,259; Mar. 5.
Dreyfus, Henry, London, England. Saponification of cellulose ester textile materials. 2,192,964; Mar. 12.
Dreyfus, Henry, London, England. Manufacture or treatment of textile materials. 2,197,035; Apr. 16.
Dreyfus, Henry, London, England. Treatment of textile and other materials. 2,198,660; Apr. 30.
Dreyfus, Henry, London, England. Manufacture of aliphatic acids. 2,201,228; May 21.
Dreyfus, Henry, London, England. Treatment of carbonaceous materials. 2,202,901; June 4.
Dreyfus, Henry, London, England. Textile and other materials. 2,206,278; July 2.
Dreyfus, Henry, London, England. Manufacture and treatment of organic materials comprising organic esters. 2,206,946; July 9.
Dreyfus, Henry, London, England. Textile yarn and producing it. 2,208,632; July 23.
Dreyfus, Henry, London, England. Manufacture of artificial materials. 2,210,116; Aug. 6.
Dreyfus, Henry, London, England. Manufacture of hydrocarbon gases from coal. 2,210,117; Aug. 6.
Dreyfus, Henry, London, England. Treatment of liquid hydrocarbon products. 2,213,272; Sept. 3.
Dreyfus, Henry, London, England. Manufacture of cellulose. 2,214,125; Sept. 10.
Dreyfus, Henry, London, England. Manufacture of esters. 2,217,735; Oct. 15.
Dreyfus, Henry, London, England. Manufacture of alkylolamines. 2,220,147; Nov. 5.
Dreyfus, Henry, London, England. Purification of liquid or liquefiable materials derived from coal. 2,221,866; Nov. 19.
Dreyfus, Henry, London, England. Manufacture of artificial filaments and the like. 2,222,797; Nov. 26.
Dreyfus, Henry, London, D. Finlayson and R. G. Perry, Spondon, near Derby, England. Textiles, films, and the like. 2,196,256; Apr. 9.
Dreyfus, Henry, London, and L. Fallows, Spondon, near Derby, England, assignors to Celanese Corporation of America. Thermal dehydration of lower fatty acids. 2,202,046; May 28.
Dreyfus, Henry, London, and W. I. Taylor, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of artificial yarns. 2,216,810; Oct. 8.
Dreyfus, Henry, London, and W. Pool, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of staple fiber products from continuous filaments. 2,219,356; Oct. 29.
Dreyfus, Henry, London, and W. Pool, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of staple fiber materials from continuous filaments. 2,219,357; Oct. 29.
Dreyfus, L. A., Company. (See Dyckman, Richard P., assignor.)
Dreyling, Alfred, South River, and W. W. Lewers, Parlin, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative emulsions. 2,190,705; Feb. 20.
Dreyling, Alfred, South River, and W. W. Lewers, Highland Park, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative emulsions. 2,216,233; Oct. 1.
Driesch, Theodore W., Scotia, N. Y., assignor to General Electric Company. Hydraulic operator. 2,211,598; Aug. 13.
Driggs, Ivan H., Towson, assignor to The Glenn L. Martin Company, Baltimore, Md. Variable pitch propeller. 2,192,034; Feb. 27.
Driggs, Ivan H., Towson, assignor to The Glenn L. Martin Company, Baltimore, Md. Aircraft construction. 2,204,404; June 11.
Driggs, Louis L., Jr., Dayton, Ohio. Flare. 2,198,697; Apr. 30.
Driggs, Louis L., Jr., Tippecanoe City, Ohio. Flare casing and method of sealing. 2,201,482; May 21.
Drill, Daniel C., assignor to American Rock Wool Corporation, Wabash, Ind. Apparatus for manufacture of mineral wool. 2,219,384; Oct. 29.
Drill, Daniel C., Wabash, C. L. Whitenack, Elwood, Ind., and J. H. Gregory, Wheaton, Ill., assignors to American Rock Wool Corporation, Wabash, Ind. Apparatus for applying binding materials. 2,199,087; Apr. 30.
Drinkall, Mark. (See Mulderink, H. A., and Drinkall.)
Drinkwater, James D. S. (See Davis, N. L., Drinkwater, and Carlisle.)
Dripps, Harold E., and H. Rauser, Lake Charles, La. Testing tools for wells. 2,189,103; Feb. 6.
Driscoll, George H., assignor of one-half to L. S. Baron, Louisville, Ky. Toy. 2,208,359; July 16.
Drissner, Alfred E., assignor to The National Acme Company, Cleveland, Ohio. Forming or cross slide mechanism for automatic metalworking machines. 2,187,681; Jan. 16.
Drissner, Alfred E., assignor to The National Acme Company, Cleveland, Ohio. Independent cross slide mechanism. 2,187,682; Jan. 16.
Drissner, Alfred E., assignor to The National Acme Company, Cleveland, Ohio. Independent cross slide mechanism. 2,187,683; Jan. 16.
Drissner, Alfred E., assignor to The National Acme Company, Cleveland, Ohio. Making pipe plugs. 2,213,040; Aug. 27.
Drissner, Alfred E., assignor to The National Acme Company, Cleveland, Ohio. Collet. 2,219,008; Oct. 22.
Drissner, Alfred E., W. J. Hogg, K. W. Barkinen, and C. Q. Garey, assignors to The National Acme Company, Cleveland, Ohio. Pipe coupling tapping machine. 2,206,031; July 2.
Dritz, Lawrence, assignor to Dritz-Traum Company, Inc., New York, N. Y. Measuring device. 2,190,597; Feb. 13.
Dritz-Traum Company. (See Dritz, Lawrence, assignor.)
Dritz-Traum Company. (See McCreary, Roland A., assignor.)
Driver-Harris Company. (See Hunter, Matthew A., assignor.)
Driver-Harris Company. (See Kay, William M., assignor.)
Drobniewsky, John, Mount Vernon, N. Y. Dispensing device. 2,186,449; Jan. 9.
Droitcour, Howard A., Cranston, R. I. Aerial navigating machine. 2,192,300; Mar. 5.
Drollinger, Hermann, Pforzheim, Germany. Friction wheel pocket lighter. 2,188,000; Jan. 23.
Drossbach, Otto, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Production of maleic acid. 2,215,095; Sept. 17.
Droth, Alfred, Kassel-Wilhelmshohe, Germany, assignor to The Superheater Company, New York, N. Y. Reinforcing return bend. 2,209,676; July 30.
Drotning, Henry O., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic camera. 2,186,633; Jan. 9.
Drotning, Henry O., assignor to Eastman Kodak Company, Rochester, N. Y. Film spool carriage. 2,193,022; Mar. 12.
Drotning, Henry O., assignor to Eastman Kodak Company, Rochester, N. Y. Centering spring for range finder bracket. 2,221,021; Nov. 12.
Drotning, Henry O., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic camera. 2,226,161; Dec. 24.
Drotning, Henry O., and J. D. Newell, assignors to Eastman Kodak Company, Rochester, N. Y. Hinge assembly for focusing ground glass cover. 2,196,759; Apr. 9.
Drotning, Henry O., and L. R. Martin, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic shutter. 2,206,811; July 2.
Druckenbrod, Lawrence M. (See Eiber, H. E., and Druckenbrod.)
Drum, Harry S., and W. C. Dodson, Abington, and W. H. Jaxheimer, assignors to Smith, Drum and Company, Philadelphia, Pa. Apparatus for dyeing package yarn. 2,218,310; Oct. 15.
Drumm, Floyd, assignor to Ideal Power Lawn Mower Company, Lansing, Mich. Power driven work device. 2,194,297; Mar. 19.
Drummond, Robert S., Detroit, Mich. Apparatus for finishing gears. 2,214,225; Sept. 10.
Drummond, Robert S., assignor to National Broach & Machine Company, Detroit, Mich. Milling flat surfaces. 2,191,559; Feb. 27.
Drummond, Robert S., assignor to National Broach & Machine Company, Detroit, Mich. Finishing surfaces. 2,200,544; May 14.
Drummond, Robert S., assignor to National Broach & Machine Company, Detroit, Mich. Machine for finishing surfaces. 2,206,769; July 2.
Drummond, Robert S., assignor to National Broach & Machine Company, Detroit, Mich. Surface shaving. 2,206,770; July 2.
Drummond, Robert S., assignor to National Broach & Machine Company, Detroit, Mich. Method and machine for finishing surfaces. 2,208,572; July 23.
Drummond, William E., River Forest, Ill. Wall construction. 2,209,514; July 30.
Drummondville Cotton Company Limited. (See Kershaw, John G., assignor.)
Drury, John D., Green Harbor, Mass. Roadway. 2,211,649; Aug. 13.

Drury, Thomas W. (See Foster, W. M., and Drury.)
Druyvesteyn, Mari J., and T. Jurriaanse, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Mercury cathode discharge tube. 2,191,249; Feb. 20.
Druyvesteyn, Mari J., and N. Warmoltz, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn. Gaseous discharge tube. 2,220,089; Nov. 5.
Dry, John D., New York, N. Y. Hospital bed. 2,218,572; Oct. 22.
Drybak Corporation, The. (See Speh, Herman A., assignor.)
Drying Systems, Inc. (See Plein, Ralph J., assignor.)
Drying Systems, Inc. (See Porwancher, Samuel R., assignor.)
Drypolcher, William, Valley Stream, N. Y., assignor to L. Obstfeld, Brooklyn, N. Y., and A. Obstfeld, New York, N. Y. Staple remover. 2,202,984; June 4.
Dry-Zero Corporation. (See Lindsay, Charles H., assignor.)
Dry-Zero Corporation. (See Lindsay, Harvey B. and C. H., assignors.)
Duaei, Alexander J., Lombard, and S. Pavlinek, Cicero, Ill.; said Pavlinek assignor to said Duaei. Pipe line coating machine. 2,188,001; Jan. 23.
Du-All Scaffold Bracket Company. (See Brown, Robert C., assignor.)
Dubas, Henry F., Albany, N. Y. Receptacle for photographic paper and the like. 2,196,293; Apr. 9.
Dubbs, Benton E., Kokomo, Ind. Typewriter attachment. 2,196,335; Apr. 9
Dube, John E., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Pressure indicating device. 2,188,177; Jan. 23.
Dube, John E., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Expansion valve. 2,205,166; June 18.
Dube, John E., and N. W. Barnes, assignors to The Fulton Sylphon Company, Knoxville, Tenn. Temperature controlling mechanism. 2,205,349; June 18.
Dubeau, Archie L., Lewiston, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Treating cotton goods. 2,226,162; Dec. 24.
Dubenhofen, John J., St. Clair, Mo. Making shoes. 2,196,856; Apr. 9.
Dubied, Edouard, & Cie S. A. (See Korber, Hans, assignor.)
Dubied, Edouard, & Cie. Societé Anonyme. (See Korber, Hans, assignor.)
Dubilier, William, New York, N. Y. Track system for toy trains. 2,196,257; Apr. 9.
Dubilier, William, New York, N. Y. Collapsible table. 2,198,661; Apr. 30.
Dubilier, William, New Rochelle, N. Y. System for controlling knitting. 2,199,396; May 7.
Dublin, Robert A., et al., as trustee. (See Girardi, F., and Cipullo, assignors.)
Dubois, Alfred, Gilbertville, Mass. Attachment for looms. 2,201,763; May 21.
Du Bois, David I., Millville, N. J., assignor, by mesne assignments, to Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Apparatus for making articles such as glassware. 2,224,767; Dec. 10.
Du Bois, Edward P. (See Brock, C. A., and Du Bois.)
Du Bois, Kenneth W., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric brooder heater. 2,203,215; June 4.
Du Bois, Robert H. (See Bishop, F. L., Du Bois, and Finnegan.)
Dubpernell, George, Waterbury, Conn., and K. G. Soderberg, Detroit, Mich., assignors, by mesne assignments, to The Udylite Corporation. Brightening metals electronegative to iron. 2,186,579; Jan. 9.
Dubpernell, George, Waterbury, Conn., and K. G. Soderberg, assignors to The Udylite Corporation, Detroit, Mich. Brightening metals electronegative to iron. 2,194,498; Mar. 26.
Dubreuil, Joseph, Taschereau, Quebec, Canada. Roofing. 2,191,933; Feb. 27.
Dubsky, Arthur, Vienna, Austria. Pyrophoric lighter. 2,188,037; Jan. 23.
Duby, John F., deceased, by M. A. Duby, administratrix, Dorchester, Mass. Indicating instrument. 2,190,866; Feb. 20.
Duby, Mary A., administratrix. (See Duby, John F.)
Ducati, Adriano C., Bologna, Italy. Arrangement of non-inductive terminals for variable condensers. 2,223,061; Nov. 26.
Ducati, Adriano C., Bologna, Italy. Variable radio aerial. 2,223,887; Dec. 3.
Ducati, Adriano C., Bologna, Italy, assignor to Radio Patents Corporation, New York, N. Y. Electrical condenser. 2,206,720; July 2.
Ducati, Adriano C., Bologna, Italy, assignor, by mesne assignments, to Transducer Corporation, New York, N. Y. Conductor cable. 2,217,162; Oct. 8.
Ducati, Marcello C., Bologna, Italy. Furniture. 2,202,196; May 28.
Ducey, Roger H., Belmont, Mass. Vehicle identification and signaling device. 2,198,108; Apr. 23.
Duch, John. (See Boggild, A., and Duch.)
Duchrow, Herman. (See Wittenberg, E., and Duchrow.)
Ducker, Robert W., D. B. Boydston, E. J. McConnell, and C. U. Daniels, assignors to Oklahoma Natural Gas Company, Tulsa, Okla. Gas filter. 2,207,660; July 9.
Duckett, Jesse J. (See Kosik, Charles, assignor.)
Duckoff, Maxwell E., Manchester, N. H., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Manufacture of shoes. 2,195,482; Apr. 2.
Duckoff, Maxwell E., Manchester, N. H., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoemaking. 2,211,056; Aug. 13.
Duckoff, Maxwell E, Manchester, N H, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe. 2,211,057; Aug. 13.
Duclos, Aeneas J. N., South Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Speed indicating apparatus. 2,195,562; Apr. 2.
Duclos, Aeneas J. N., South Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for treating moving matter. 2,214,016; Sept. 10.
Duclos, Aeneas J. N., South Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Extruding apparatus. 2,219,888; Oct. 29.
Ducout, Marcel S., Paris, France. Producing concomitant movements and sounds. 2,225,164; Dec. 17.
Ducret, André M. (See Rideau, J. R., and Ducret.)
Ducret, André M., and J. R. Rideau, Paris, France Defrosting glass plate and manufacturing same. 2,222,742; Nov. 26.
Ducroux, René, Marseilles, France. Airport construction. 2,186,450; Jan. 9.
Duda, Oswald, Corsicana, Tex., assignor to American Well & Prospecting Company. Traveling block. 2,210,202; Aug. 6.
Duda, Wentzel R., Mount Lebanon, Pa. Adjustable slip pinion. 2,195,398; Apr. 2.
Duda, Wentzel R., Mount Lebanon, Pa. Roll lathe headstock. 2,198,003; Apr. 23.
Dudek, Harold M. (See Kellems, E. E., and Dudek.)
Duden, Emil G., assignor to Wm. B. Scaife and Sons Company, Oakmont, Pa. Valve. 2,191,458; Feb. 27.
Dudenhofen, John J., St. Clair, Mo. Shoe last. 2,211,715; Aug. 13.
Dudley, Edward F., Oak Park, assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Impression roller drive. 2,195,243; Mar. 26.
Dudley, Harry J., Raybrook, N. Y. Hinge. 2,200,418; May 14.
Dudley, Homer W. (See Mathes, R. C., Peterson, and Dudley.)
Dudley, Homer W., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. System for the artificial production of vocal or other sounds. 2,194,298; Mar. 19.
Dudley, Homer W., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound printing mechanism. 2,195,081; Mar. 26.
Dudley, John W., Jr., Parkersburg, W. Va. Method of and apparatus for vacuum crystallizing, or vacuum cooling, by forced boiling. 2,185,940; Jan. 2.
Dudley Lock Corporation. (See Machinist, Harold, assignor.)
Dudley Research Corporation. (See Levy, Dudley D., assignor.)
Dudley, William L., Seattle, Wash. Cooling system. 2,211,886; Aug. 20.
Duemler, Virgil E. (See Tapp, H. F., Grimmeisen, and Duemler.)
Dueringer, Walter E., Shaker Heights, Ohio, assignor to Bailey Meter Company. Control system. 2,193,192; Mar. 12.
Dueringer, Walter E., Shaker Heights, Ohio, assignor to Bailey Meter Company. Indicating and positioning system. 2,210,317; Aug. 6.
Duerme, Francisco M., Chicago, Ill. Nursing bottle. 2,208,360; July 16.
Duerr, Harry O., and W. F. Drew, Los Angeles, Calif. Waste destructor and garbage reclamation unit. 2,212,062; Aug. 20.
Duerr, Karl B., Fairlawn, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Multiplex-simplex extended channel system. 2,199,284; Apr. 30.
Duerr, William H., Caldwell, N. J. Range rod holder. 2,185,838; Jan. 2.
Duers, Burton A., and A. C. Mocerine, Pottersville, N. Y. Aromatic device. 2,218,037; Oct. 15.
Duesel, Bernard F. (See Tisza, E. T., Duesel, and Friedman.)
Duey, Harold P., Los Angeles, Calif. Cap for collapsible tubes. 2,206,993; July 9.
Dufault, Homer D., Easthampton, assignor to Holyoke Heater Co., Holyoke, Mass. Burner apparatus. 2,201,678; May 21.
Dufault, Homer D., Easthampton, assignor to Holyoke Heater Company, Holyoke, Mass. Heating apparatus. 2,219,517; Oct. 29.
Dufault, Homer D., Easthampton, assignor to Holyoke Heater Company, Holyoke, Mass. Gas water heater. 2,225,773; Dec. 24.
Dufay-Chromex Limited. (See Butement, Colin, assignor.)
Duff, James B. (See Hall, Homer H., assignor.)
Duff-Norton Manufacturing Company, The. (See Neely, P. J., Pruett, and Staples, assignors.)

Duffens, Robert F., Topeka, Kans. Lens surfacing machine. 2,225,826; Dec. 24.
Duffey, William R., San Antonio, Tex. Check protector. 2,193,396; Mar. 12.
Duffield, William A., Windsor, Ontario, Canada. Variable speed transmission. 2,206,859; July 2.
Duffield, William A., Windsor, Ontario, assignor to Modern Equipment Limited, Montreal, Quebec, Canada. One-way brake. 2,215,548; Sept. 24.
Duffies, Stanley B. (See Wise, V. A., Duffies, Henney, and Lohner.)
Duffy, George E., Port Clinton, assignor to The Standard Products Company, Cleveland, Ohio. Extruding head. 2,205,518; June 25.
Duffy, James B., et al. (See Seal, Ivan C., assignor.)
Duffy, James F., assignor to Duffy Manufacturing Company, Holland, Mich. Scuff plate. 2,218,814; Oct. 22.
Duffy Manufacturing Company. (See Duffy, James F., assignor.)
Dufour, Alfred B., Watsonville, Calif. Revolving roasting device. 2,225,861; Dec. 24.
Dufour, Jean B., Villeurbanne, France. Multicolor plate printing tissues or other matters. 2,226,163; Dec. 24.
Dufour, Léon, Acacias-Geneva, Switzerland. Rotary tillage tool. 2,192,342; Mar. 5.
Dufour, René A., Paris, and H. A. Leduc, Mantes-Gassicourt, France. Device for the heating of flowing liquids such as rubber latex. 2,188,625; Jan. 30.
Duftschmid, Franz, Heidelberg, and E. Linckh, and F. Winkler, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparation of products containing valuable hydrocarbons or their derivatives. 2,207,581; July 9.
Dugan, Frank C., Jefferson, Tex. Packing extracting tool. 2,207,661; July 9.
Dugan, Joe S., Duluth, Minn. Fireplace. 2,212,015; Aug. 20.
Dugan, Peter J., Crestwood, N. Y. Fluid pressure regulator. 2,197,176; Apr. 16.
Dugan, Thomas M., McKeesport, and E. C. Wright, Beaver, Pa., assignors to National Tube Company. Making pipe connections. 2,224,145; Dec. 10.
Dugas, Edgar, et al. (See Kelso, Nyla Q., assignor.)
Dugas, Joseph J., Jr., New Orleans, La. Operating valve for vacuum systems for controlling marine clutches. 2,206,771; July 2.
Dugelay, Paul, assignor to Société d'Exploitation de Brevets pour l'Industrie l'Aviation et l'Automobile (Sebia), Paris, France. Two-stage-compression internal combustion engine. 2,195,082; Mar. 26.
Du Grenier, Francis C., assignor of one-half to B. E. Bouchard, Haverhill, Mass. Dispensing machine. 2,197,633; Apr. 16.
Du Grenier, Francis C., assignor of one-half to B. E. Bouchard, Haverhill, Mass. Book match dispenser. 2,197,634; Apr. 16.
Duguid, James M., Springfield, N. J., W. S. Ross, Port Washington, N. Y., and C. W. Van Duyne, Boonton, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ringing current supply system. 2,225,907; Dec. 24.
Duhan, Frederick W., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Method of and apparatus for filling suction molds. 2,210,203; Aug. 6.
Duinker, Daniel M., and R. Oostra, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn. Resistance welder. 2,224,864; Dec. 17.
Duisberg, Walther H. (See Boedeker, K., and Köler, assignors.)
Duisberg, Walther H. (See Eggert, J., and Wendt, assignors.)
Duisberg, Walther H. (See Esselmann, P., and Düsing, assignors.)
Duisberg, Walter H. (See Grimm, P., and Huppert, assignors.)
Duisberg, Walther H. (See Michel, Josef M., assignor.)
Duisberg, Walter H. (See Pfleiderer, Georg, assignor.)
Duisberg, Walter H. (See Riedl, H.-J., and Pfleiderer, assignors.)
Duisberg, Walther H. (See Thinius, Kurt, assignor.)
Duisberg, Walther H. (See van Beek, H., Wörn, Lohmann, and Jesse, assignors.)
Duisberg, Walther H. (See von Zeppelin, H., and Teichmann, assignors.)
Duisberg, Walther H. (See Weisse, Ernst, assignor.)
Dukas, Sidi, née Reinemann. (See Salomon, Stefany, assignor.)
Duke, William O., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Safety device for wringers. 2,199,358; Apr. 30.
Dukelow, Thomas, Chicago, Ill. Spark plug. 2,226,711; Dec. 31.
Dulac, Edmund, et al. (See Ferguson, E. M., and Barton, assignors.)
Dulberg, Jasper, Astoria, N. Y. Multiple filament lamp combination. 2,222,655; Nov. 26.
Dulberg, Jasper, Astoria, Long Island, assignor of two-thirtieths to B. Provisor, three-thirtieths to J. S. Freeman, Brooklyn, N. Y., and one-third to P. S. McLean, Bloomfield, N. J. Electric lamp. 2,195,921; Apr. 2.
Dulchin, Edward, New York, N. Y. Fur trimming plate and composite fur. 2,203,947; June 11.
Dulczewski, John S., Amsterdam, N. Y. Attachment for rulers. 2,205,621; June 25.
Dull, Waldo N., et al. (See Watson, Pearl A., assignor.)
Dumas, Joseph A., Brooklyn, assignor of one-half to R. B. Stoker, Mount Vernon, N. Y. Roasting device. 2,185,979; Jan. 2.
Dumbleton, Claude. (See Pointon, J. E. and Dumbleton.)
Dumbolton, Perry S. (See Dixon, Harvey F., assignor.)
Dumelin, Charles, Detroit, Mich. Concealed hinge. 2,206,499; July 2.
Du Mond, Jesse W. M., assignor to California Institute of Technology, Pasadena, Calif. X-ray generating device. 2,209,963; Aug. 6.
Du Mont, Allen B., assignor to Allen B. Du Mont Laboratories, Inc., Upper Montclair, N. J. Cathautograph. 2,185,705; Jan. 2.
Du Mont, Allen B., Upper Montclair, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Method and system for television communication. 2,186,634; Jan. 9.
Du Mont, Allen B., Upper Montclair, and A. J. Hinck, Jr., Montclair, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Cathode ray tube. 2,186,635; Jan. 9.
Du Mont, Allen B., Laboratories, Inc. (See Campbell, Richard L., assignor.)
Du Mont, Allen B., Laboratories, Inc. (See Christaldi, Peter S., assignor.)
Du Mont, Allen B., Laboratories, Inc. (See Du Mont, Allen B., assignor.)
Du Mont, Allen B., Laboratories, Inc. (See Du Mont, A. B., and Hinck, assignors.)
Du Mont, Allen B., Laboratories, Inc. (See Geohegan, William A., assignor.)
Du Mont, Allen B., Laboratories, Inc. (See Goldsmith, Thomas T., Jr., assignor.)
Dumont, Reiman D., New York, N. Y. Container cutter. 2,189,341; Feb. 6.
Dumore Company, The. (See Broberg, Fred E., assignor.)
Dumore Company, The. (See Nelson, James H., assignor.)
Dumur, Frank. (See Becker, H., Broschke, and Filsinger, assignors.)
Dumur, Frank. (See Becker, H., and Filsinger, assignors.)
Dumur, Frank. (See Dinkel, Paul, assignor.)
Dumur, Frank. (See Filsinger, Erich, assignor.)
Dumur, Frank. (See May, Erwin, assignor.)
Dumur, Frank. (See Sänger, Otto, assignor.)
Dumur, Frank. (See Schafer, Willy, assignor.)
Dumur, Frank. (See Speiser, F. X., and Albert, assignors.)
Dumur, Frank. (See Wagner, Adam, assignor.)
Dunajeff, Leonid A., assignor to Commercial Ingredients Corporation, New York, N. Y. Automatic towing boat. 2,191,879; Feb. 27.
Dunajeff, Leonid A., assignor to Commercial Ingredients Corporation, New York, N. Y. Resilient sheet. 2,192,573; Mar. 5.
Dunajeff, Leonid A., assignor to Commercial Ingredients Corporation, New York, N. Y. System for laying submarine mines. 2,198,907; Apr. 30.
Dunajeff, Leonid A., assignor to Commercial Ingredients Corporation, New York, N. Y. Automatic piloting apparatus for boats. 2,216,097; Sept. 24.
Dunajeff, Leonid A., assignor to Commercial Ingredients Corporation, New York, N. Y. Furniture seat. 2,217,893; Oct. 15.
Dunaway, Ulrich C., assignor to James R. Kearney Corporation, St. Louis, Mo. Insulating pole. 2,194,386; Mar. 19.
Dunaway, Ulrich C., Richmond Heights, assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical conductor retaining device. 2,219,443; Oct. 29.
Dunbar Glass Corporation. (See Saunders, Thomas D., assignor.)
Dunbar, Howard W., Worcester, and H. S. Indge, Westboro, assignor to Norton Company, Worcester, Mass. Hone. 2,191,256; Feb. 20.
Dunbar, Howard W., Worcester, and H. S. Indge, Westboro, assignors to Norton Company, Worcester, Mass. Polishing machine. 2,196,108; Apr. 2.
Dunbar, Howard W., Worcester, and H. S. Indge, Westboro, assignors to Norton Company, Worcester, Mass. Lapping machine. 2,198,377; Apr. 23.
Dunbar, James R., Woodstock, New Brunswick, assignor to T. L. Dunbar, Montreal, Quebec, Canada. Vertically vibrating diaphragm pulp screen. 2,206,348; July 2.
Dunbar, Ralph E., East Cleveland, assignor to Electric Vacuum Cleaner Company, Inc., Cleveland, Ohio. Surface cleaning tool. 2,205,877; June 25.
Dunbar, Ralph E., East Cleveland, assignor to Electric Vacuum Cleaner Company, Inc., Cleveland, Ohio. Cleaner for surface coverings. 2,207,582; July 9.
Dunbar, Robert. (See Hullinger, Charles K., assignor.)
Dunbar, Thomas L. (See Dunbar, James R., assignor.)
Dunbar, Thomas L., assignor to Chemipulp Process, Inc., Watertown, N. Y. Producing cellulosic pulp. 2,195,378; Mar. 26.
Dunbar, Thomas L., assignor to Chemipulp Process, Inc., Watertown, N. Y. Digesting process and apparatus. 2,205,374; June 18.
Dunbar, Thomas L., assignor to Chemipulp Process Inc., Watertown, N. Y. Digesting fibrous material. 2,225,771; Dec. 24.

Dunberg, David W., New York, N. Y. Display device. 2,218,329; Oct. 15.
Dunbrook, Raymond F., and B. J. Humphrey, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Rubber composition and preserving rubber. 2,203,899; June 11.
Duncan Electric Manufacturing Company. (See Green, Stanley S., assignor.)
Duncan Electric Manufacturing Company. (See Road, Richard A., assignor.)
Duncan, Forrest M., Chicago, Ill. Pneumatic hammer. 2,219,739; Oct. 29.
Duncan, Herbert L., Highland Park, assignor of one-half to L. P. Threlkeld, Detroit, Mich. Control mechanism for internal combustion engines. 2,191,459; Feb. 27.
Duncan, Hershel B. (See Engle, E. W., and Duncan.)
Duncan, James A. S., Detroit, Mich. Liquid flow controlling device. 2,210,118; Aug. 6.
Duncan, James F., Waterville, assignor to Scovill Manufacturing Company, Waterbury, Conn. Drinking fountain bubbler. 2,200,079; May 7.
Duncan, James H. (See Martel, Edward F., assignor.)
Duncan, John M. (See Porter, F., and Duncan.)
Duncan, John M., Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Manufacture of ethylene. 2,208,123; July 16.
Duncan, Robert, assignor to Federal Electric Company, Inc., Chicago, Ill. Siren. 2,220,222; Nov. 5.
Duncan Tank & Welding Co. (See Stewart, Ray, assignor.)
Dundas, William A., Winnetka, and P. Harrington, Chicago, Ill. Method of and apparatus for disposing of sewage waste. 2,213,667; Sept. 3.
Dundas, William A., Winnetka, and P. Harrington, Chicago, Ill. Method of and apparatus for disposing of sewage waste. 2,213,668; Sept. 3.
Duner Co. (See Duner, Sven, assignor.)
Duner, Sven, Wheaton, assignor to Duner Co., Chicago, Ill. Water closet. 2,210,630; Aug. 6.
Dunford, Ernest, assignor to Landis Machine Company, St. Louis, Mo. Bearing mounting. 2,191,984; Feb. 27.
Dunford, John A., Seattle, Wash. Bridge operating mechanism. 2,191,708; Feb. 27.
Dunham, Aubra R. (See Dunham, Clayton A. and A. R.)
Dunham, C. A., Company. (See Crosthwait, D. N., Jr., and Powell, assignors.)
Dunham, C. A., Company. (See Dunham, C. A., and Crosthwait, assignors.)
Dunham, Clayton A. and A. R., Glencoe, assignors to Experimental Laboratories, Incorporated, Chicago, Ill. Utilizing combustion gases. 2,191,985; Feb. 27.
Dunham, Clayton A., Glencoe, and D. N. Crosthwait, Jr., Chicago, Ill., assignors to C. A. Dunham Company, Marshalltown, Iowa. Unit heater and air conditioner. 2,205,716; June 25.
Dunham, Elmer J., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Industrial truck. 2,187,197; Jan. 16.
Dunham, Elmer J., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Lift truck. 2,197,926; Apr. 23.
Dunham, George S., Ardmore, and E. Utterback, Oakmont, Pa., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Control of catalytic processes. 2,224,014; Dec. 3.
Dunham, George W., Westport, Conn., assignor to General Electric Company. Wringer post ironer. 2,188,810; Jan. 30.
Dunham, George W., Westport, Conn, assignor to General Electric Company. Rotary ironer. 2,192,185; Mar. 5.
Dunham, George W., Westport, Conn., assignor to General Electric Company. Ironing machine. 2,192,186; Mar. 5.
Dunham, George W., Westport, Conn., assignor to General Electric Company. Centrifugal extractor. 2,219,177; Oct. 22.
Dunham, George W., Westport, and G. W. Wardwell, Jr., Nichols, Conn., assignors to General Electric Company. Ironer table. 2,221,510; Nov. 12.
Dunham, James V. (See Turnbull, N. K., and Dunham.)
Dunham, James V., Southampton, Pa. Chronograph screen; 2,188,339; Jan. 30.
Dunkelberger, Leland A., and C. Bowsher, assignors to The Artkraft Sign Company, Lima, Ohio. Welding and regalvanizing process. 2,224,953; Dec. 17.
Dunkelberger, Milton S., Dayton, Ohio. Illuminated advertising display. 2,222,309; Nov. 19.
Dunkle, Ross N., Dry Run, assignor of one-half to H. C. Epperly, Philadelphia, Pa. Machine for cutting leather. 2,204,727; June 18.
Dunklin, John G., Needles, Calif. Ship brake. 2,199,333; Apr. 30.
Dunkum, Gratz D., Alexandria, Va. Subterranean war machine. 2,207,536; July 9.
Dunlap, Charles K., assignor to Sonoco Products Company, Hartsville, S. C. Container. 2,207,003; July 9.
Dunlap, Charles K., assignor to Sonoco Products Company, Hartsville, S. C. Container. 2,209,448; July 30.
Dunlap, Charles K., assignor to Sonoco Products Company, Hartsville, S. C. Container. 2,209,449; July 30.
Dunlap, Charles K., assignor to Sonoco Products Company, Hartsville, S. C. Core for yarn packages. 2,219,836; Oct. 29.
Dunlap, Charles K., assignor to Socono Products Company, Hartsville, S. C. Container. 2,225,624; Dec. 24.
Dunlap, Clarence E., Sioux City, Iowa. Battery connector. 2,217,798; Oct. 15.
Dunlap, George S. (See Glendenning, A. J., and Dunlap.)
Dunlap, Gus C., Azusa, Calif. Bowling game. 2,210,398; Aug. 6.
Dunlap Printing Company. (See Dunlap, Wilbur B., assignor.)
Dunlap, Samuel D., Detroit, Mich. Massage device. 2,213,356; Sept. 3.
Dunlap, Weyman B., Jr., Houston, Tex. Hole underreamer. 2,225,165; Dec. 17.
Dunlap, Wilbur B., assignor to Dunlap Printing Company, Philadelphia, Pa. Punching machine. 2,204,405; June 11.
Dunlap, William J., Long Beach, Calif. Plunger controlled valve for oil well pumps. 2,214,956; Sept. 17.
Dunlop, James, Ridgewood, assignor to Westinghouse Electric Elevator Company, Jersey City, N. J. Moving stairway. 2,193,583; Mar. 12.
Dunlop, James, Ridgewood, assignor to Westinghouse Electric Elevator Company, Jersey City, N. J. Moving stairway step. 2,210,711; Aug. 6.
Dunlop, James, Ridgewood, N. J., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Moving stairway. 2,214,580; Sept. 10.
Dunlop, James, Ridgewood, assignor to Westinghouse Electric Elevator Company, Jersey City, N. J. Moving stairway. 2,225,772; Dec. 24.
Dunlop, Pious J. (See Dawson, Melville P., assignor.)
Dunlop Rubber Company. (See Field, Edgar F., assignor.)
Dunlop Rubber Company. (See James, Robert G., assignor.)
Dunlop Rubber Company Limited. (See Beharrell, G. E., Wright, and Trevaskis, assignors.)
Dunlop Rubber Company Limited. (See Madge, E. W., Round, and Norcross, assignors.)
Dunlop Tire and Rubber Corporation. (See Carter, Mitchell, assignor.)
Dunlop Tire and Rubber Corporation. (See Church, Franklin O., assignor.)
Dunlop Tire and Rubber Corporation. (See Miserentino, Charles O., assignor.)
Dun-Mil Products, Inc., The. (See Miller, Michael J., assignor.)
Dunmire, Russell P., Alliance, Ohio. Circuit control device. 2,205,944; June 25.
Dunmore, Francis W., Washington, D. C. Advertising method and magnet motivated object. 2,220,049; Oct. 29.
Dunmore, Francis W., Washington, D. C., assignor to the Government of the United States as represented by the Secretary of Commerce. Temperature measuring. 2,210,903; Aug. 13.
Dunn, Alfred W., assignor of one-half to F. S. Elam, Rochester, N. Y. Apparatus for making shoes. 2,185,941; Jan. 2.
Dunn, Andrew C., Chicago, Ill. Casting method. 2,219,951; Oct. 29.
Dunn, Andrew C., Chicago, Ill., assignor to O. N. Davies, trustee, Minneapolis, Minn. Door-controlling means. 2,190,653; Feb. 20.
Dunn, Carl L., assignor to The Trion Company, Trion, Ga. Work glove. 2,196,603; Apr. 9.
Dunn, Clarence J., St. Paul, Minn., assignor to Louis F. Dow Company. Toy lie detector. 2,211,105; Aug. 13.
Dunn, Edward J. (See Jeffs, H., and Dunn.)
Dunn, Edward L., Livingston, N. J., assignor to Otis Elevator Company, New York, N. Y. Control mechanism for elevators. 2,221,395; Nov. 12.
Dunn, Guy A., and J. Eldridge, Oakland, assignors, by mesne assignments, to F. A. Smart, Berkeley, Calif. Bundle or box tying machine. 2,206,299; July 2.
Dunn, Guy A., and J. Eldridge, Oakland, assignors, by mesne assignments, to F. A. Smart, Berkeley, Calif. Package tying machine. 2,206,300; July 2.
Dunn, Jerry J., Ellwood City, Pa., assignor to National Tube Company. Tube quenching apparatus. 2,196,960; Apr. 9.
Dunn, Jerry J., Ellwood City, Pa., assignor to National Tube Company. Pipe or tube joint. 2,206,166; July 2.
Dunn, John H., Springdale, assignor to Aluminum Company of America, Pittsburgh, Pa. Bicycle frame and making same. 2,187,070; Jan. 16.
Dunn, John S., Syracuse, N. Y. Collapsible stretcher. 2,201,890; May 21.
Dunn, Joseph A. (See White, J. R., and Dunn.)
Dunn, Joseph A., Los Angeles, and W. Elliot, La Habra Heights, Calif.; said Dunn assignor to The National Supply Company. Rotary drilling apparatus. 2,192,584; Mar. 5.
Dunn, Holbert E. (See Davis, J. R., Strauss, and Dunn.)
Dunn, Holbert E. (See Strauss, J., and Dunn.)
Dunn, Stanley E., Montgomery, Pa. Extension ladder. 2,210,803; Aug. 6.
Dunn, Thomas H., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Soil gas analysis. 2,212,681; Aug. 27.
Dunn, Thomas H., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Geochemical prospecting. 2,213,904; Sept. 3.
Dunn, Thomas J., assignor of one-half to L. Hammond, Laurinburg, N. C. Toilet flushing apparatus. 2,190,773; Feb. 20.

Dunn, Vernon E., Fairfield, Iowa. Roll stop mechanism. 2,206,301; July 2.
Dunn, Vernon E., Alliance, Ohio. Wringer roll stop mechanism. 2,206,302; July 2.
Dunn, William C. (See Denneen, F. S., and Dunn.)
Dunn, William C. (See Denneen, F. S., Dunn, and Michell.)
Dunn, William H. R., North Hollywood, assignor of forty-nine per cent to F. A. Datig, Los Angeles County, Calif. Knitting needle. 2,208,124; July 16.
Dunn, William L., Chicago, Ill., assignor to Belmont Radio Corporation. Coil system. 2,196,147; Apr. 2.
Dunn, William T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,194,787; Mar. 26.
Dunn, William T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,212,731; Aug. 27.
Dunn, William T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Clutch. 2,215,690; Sept. 24.
Dunn, William T., and T. Iavelli, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,205,470; June 25.
Dunn, William W., Detroit, Mich. Hood safety locking mechanism. 2,215,606; Sept. 24.
Dunn Worsted Mills. (See Nadeau, Elphrège, assignor.)
Dunnam, Richard A., assignor of one-half to J. N. Armstrong, Dayton, Ohio. Portable rotary brush. 2,202,285; May 28.
Dunne, Edward F., Convent, N. J., assignor to Stapling Machines Co. Box. 2,186,102; Jan. 9.
Dunning, Leighton, Detroit, Mich. Safety razor. 2,219,099; Oct. 22.
Dunning, Orville M., Glen Ridge, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Oscillation translating system. 2,208,940; July 23.
Dunning, Orville M., Glen Ridge, and C. T. Jacobs, New Providence Township, Union County, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Apparatus for sound recordation. 2,200,918; May 14.
Dunningcolor Corporation. (See Harrison, William H. and E. C., assignors.)
Dunsieth, George, Jr. (See Brodbeck, J. R., and Dunsieth.)
Dunton, Marjorie, New York, N. Y. Combination glove and receptacle. 2,223,029; Nov. 26.
Duo Color Printing Press Company, The. (See Loughery, Joseph F., assignor.)
Duo-Dyeing Machine Company. (See Wedler, Frederick, C., assignor.)
Duplan Silk Corporation. (See Geier, Ernest C., assignor.)
Dupler, Raymond R., Toledo, Ohio. Globe clock. 2,223,605; Dec. 3.
Duplessis, René E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Lasting machine. 2,209,962; Aug. 6.
Duplex Electric Co. (See Ellithorpe, Clarence D., assignor.)
Duplex Printing Press Company. (See Behrens, Herbert C., assignor.)
Duplex Printing Press Company. (See Ross, W. P. V., and Mars, assignors.)
Du Pont, E. I., de Nemours & Company. (See Acken, Marshall F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Alderman, V. V., Brubaker, and Hanford, assignors.)
Du Pont, E. I., de Nemours & Company. (See Alibert, Jean M., assignors.)
Du Pont, E. I., de Nemours & Company. (See Allen, Albert S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Allen, E. R., Bullitt, and Hopkins, assignors.)
Du Pont, E. I., de Nemours & Company. (See Alt, Cornelius A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Altwegg, H., and Eichler, assignors.)
Du Pont, E. I., de Nemours & Company. (See Alvarado, A. M., and Holt, assignors.)
Du Pont, E. I., de Nemours & Company. (See Appel, Frank J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Arnold, Herrick R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Arnold, H. R., and Lazier, assignors.)
Du Pont, E. I., de Nemours & Company. (See Armor, H. F., and Beck, assignors.)
Du Pont, E. I., de Nemours & Company. (See Austin, Paul R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Babcock, Dale F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Baker, L. S., and Quaid, assignors.)
Du Pont, E. I., de Nemours & Company. (See Banigan, T. F., and Snyder, assignors.)
Du Pont, E. I., de Nemours & Company. (See Barrett, Bodine B., assignor.)
Du Pont, E. I., de Nemours & Company. (See Barrett, Harold J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Barrett, H. J., and Wernlund, assignors.)
Du Pont, E. I., de Nemours & Company. (See Bartlett, Edward P., assignor.)
Du Pont, E. I., de Nemours & Company. (See Bateman, Alva W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Bell, Thomas E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Berchet, Gerard J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Berliner, Julius F. T., assignor.)
Du Pont, E. I., de Nemours & Company. (See Berne-Allen, Allan, Jr., assignor.)
Du Pont, E. I., de Nemours & Company. (See Bigelow, N. M., and Cole, assignors.)
Du Pont, E. I., de Nemours & Company. (See Bland, W. A., and Oeffinger, assignors.)
Du Pont, E. I., de Nemours & Company. (See Boice, Russell, assignor.)
Du Pont, E. I., de Nemours & Company. (See Boller, Ernest R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Bolton, E. K., and Hunt, assignors.)
Du Pont, E. I., de Nemours & Company. (See Bonyun, M. E., and Andrews, assignors.)
Du Pont, E. I., de Nemours & Company. (See Booge James E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Booge, J. E., and Oppermann, assignors.)
Du Pont, E. I., de Nemours & Company. (See Bousquet, Euclid W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Bradshaw, W. H., and Standley, assignors.)
Du Pont, E. I., de Nemours, & Company. (See Brainard, Seymour W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Brill, Harold C., assignor.)
Du Pont, E. I., de Nemours & Company. (See Brill, J. L., and Plummer, assignors.)
Du Pont, E. I., de Nemours & Company. (See Brown, F. G., and Sullivan, assignors.)
Du Pont, E. I., de Nemours & Company. (See Brown, James W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Brown, J. W., and Hill, assignors.)
Du Pont, E. I., de Nemours & Company. (See Brown, J. W., and Hosford, assignors.)
Du Pont, E. I., de Nemours & Company. (See Brubaker, M. M., Christ, and Coffman, assignors.)
Du Pont, E. I., de Nemours & Company. (See Brubaker, M. M., and Maxwell, assignors.)
Du Pont, E. I., de Nemours & Company. (See Burke, William J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Burrows, L. A., and Lawson, assignors.)
Du Pont, E. I., de Nemours & Company. (See Burrows, L. A., and Woodbury, assignors.)
Du Pont, E. I., de Nemours & Company. (See Buxbaum, Edwin C., assignor.)
Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and Fox, assignors.)
Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., Spiegler, and Tinker, assignors.)
Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and Starkweather, assignors.)
Du Pont, E. I., de Nemours & Company. (See Carleton Paul W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Carothers, Wallace H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Carothers, W. H., and Dykstra, assignors.)
Du Pont, E. I., de Nemours & Company. (See Carter, Albert S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Carter, A. S., and Downing, assignors.)
Du Pont, E. I., de Nemours & Company. (See Carter, A. S., and Johnson, assignors.)
Du Pont, E. I., de Nemours & Company. (See Cass, Oliver W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Cass, O. W., and K'Burg, assignors.)
Du Pont, E. I., de Nemours & Co. (See Chambers, I. F., and Fox, assignors.)
Du Pont, E. I., de Nemours & Company. (See Charch, William H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Clar, Erich, assignor.)
Du Pont, E. I., de Nemours & Company. (See Clark, P. M., and Hemming, assignors.)
Du Pont, E. I., de Nemours & Company. (See Clarkson, Richard G., assignor.)
Du Pont, E. I., de Nemours & Company. (See Clough, John W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Coffman, Donald D., assignor.)
Du Pont, E. I., de Nemours & Company. (See Coffman, D. D., and Collins, assignors.)
Du Pont, E. I., de Nemours & Company. (See Coffman, D. D., and Faris, assignors.)
Du Pont, E. I., de Nemours & Company. (See Colio, William P., assignor.)
Du Pont, E. I., de Nemours & Company. (See Collins, Arnold M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Cook, M. A., Davis, and Lawson, assignors.)
Du Pont, E. I., de Nemours & Company. (See Cook, M. A., Gawthrop, Wahl, and Woodbury, assignors.)

Du Pont, E. I., de Nemours & Company. (See Corbière, Paul C. E. J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Corey, A. A., and Hosford, assignors.)
Du Pont, E. I., de Nemours, & Company. (See Corneil, Ernest R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Cox, I. J., and Johnson, assignors.)
Du Pont, E. I., de Nemours & Company. (See Cupery, Martin E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., Bigelow, and Zwilgmeyer, assignors.)
Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., and Detrick, assignors.)
Du Pont, E. I. de Nemours & Company. (See Dahlen, M. A., and Zwilgmeyer, assignors.)
Du Pont, E. I., de Nemours & Company. (See Dangelmajer, Charles, assignor.)
Du Pont, E. I., de Nemours & Company. (See Daudt, H. W., and Woodward, assignors.)
Du Pont, E. I., de Nemours & Company. (See Davis, Clyde O., assignor.)
Du Pont, E. I., de Nemours & Company. (See Deem, A. G., and Lazier, assignors.)
Du Pont, E. I., de Nemours & Company. (See Deyrup, Alden J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Dibble, M. A., McCormick, and Russell, assignors.)
Du Pont, E. I., de Nemours & Company. (See Dietrich, Melvin A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Dietz, J. B., and Oeffinger, assignors.)
Du Pont, E. I., de Nemours & Company. (See Dittmar, Harry R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Donrovlny, Frank J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Downing, Frederick B., assignor.)
Du Pont, E. I., de Nemours & Company. (See Downing, F. B., Benning, and Benton, assignors.)
Du Pont, E. I., de Nemours & Company. (See Drew, Donald E.)
Du Pont, E. I., de Nemours & Company. (See Dreyling, A., and Lewers, assignors.)
Du Pont, E. I., de Nemours & Company. (See Dykstra, Harry B., assignor.)
Du Pont, E. I., de Nemours & Company. (See Eckels, Louis C.)
Du Pont, E. I., de Nemours & Company. (See Edgar, D. E., and Robinson, assignors.)
Du Pont, E. I., de Nemours & Company. (See Edison, Austin G., assignor.)
Du Pont, E. I., de Nemours & Company. (See Elley, H. W., and Daudt, assignors.)
Du Pont, E. I., de Nemours & Company. (See Ellingboe, Ellsworth K., assignor.)
Du Pont, E. I., de Nemours & Company. (See Ellingboe, E. K., and Kirby, assignors.)
Du Pont, E. I., de Nemours & Company. (See Ellingboe, E. K., and Salzberg, assignors.)
Du Pont, E. I., de Nemours & Company. (See Ellis, Linus M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Ellsworth, Deane C., assignor.)
Du Pont, E. I., de Nemours & Company. (See Ellsworth, D. C., and Schulze, assignors.)
Du Pont, E. I., de Nemours & Company. (See Emig, Frederick J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Engelmann, Max, assignor.)
Du Pont, E. I., de Nemours & Company. (See Ensminger, George R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Erskine, Archibald M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Farlow, Mark W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Fassnacht, Hartwell H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Field, Edmund, assignor.)
Du Pont, E. I., de Nemours & Company. (See Finzel, Theron G., assignor.)
Du Pont, E. I., de Nemours & Company. (See Flaherty, Franklin T., assignor.)
Du Pont, E. I., de Nemours & Company. (See Fleckenstein, R. H., and Mertes, assignors.)
Du Pont, E. I., de Nemours & Company. (See Flenner, A. L., Flint, Kaufert and Spiegler, assignors.)
Du Pont, E. I. de Nemours & Company. (See Fletcher, David A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Flint, Robert B., assignor.)
Du Pont, E. I., de Nemours & Company. (See Flint, R. B., and Rothrock, assignors.)
Du Pont, E. I., de Nemours & Company. (See Fontana, Marselio G., assignor.)
Du Pont, E. I., de Nemours & Company. (See Foster, Henry D., assignor.)
Du Pont, E. I., de Nemours, & Company. (See Fothergill, Robert E., assignor.)
Du Pont, E. I. de Nemours & Company. (See Foulke, Willing B., assignor.)
Du Pont, E. I., de Nemours & Company. (See Foulke, W. B., and Greager, assignors.)
Du Pont, E. I., de Nemours & Company. (See Fox, A. L., Henke, Lockwood, and Tinker, assignors.)
Du Pont, E. I., de Nemours & Company. (See Freund, E., and Deutsch, assignors.)
Du Pont, E. I., de Nemours & Company. (See Geddes, John A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Gilbert, Harvey N., assignor.)
Du Pont, E. I., de Nemours & Company. (See Graham, Donald P., assignor.)
Du Pont, E. I., de Nemours & Company. (See Graham, D. P., and Frey, assignors.)
Du Pont, E. I., de Nemours & Company. (See Graves, George D., assignor.)
Du Pont, E. I., de Nemours & Company. (See Graves, Thomas A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Greenewalt, Crawford H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Gubelmann, I., Tinker, and Spiegler, assignors.)
Du Pont, E. I., de Nemours & &Company. (See Guenther. Arthur E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Haag, I. L., and Vana, assignors.)
Du Pont, E. I., de Nemours & Company. (See Hager, Charles R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hahn, Frederick C., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hall, W. P.-G., Johnson, and Nydegger, assignors.)
Du Pont, E. I., de Nemours & Company. (See Halliwell, William H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hanahan, M. L., and Price, assignors.)
Du Pont, E. I., de Nemours & Company. (See Hanahan, M. L., and McKinney, assignors.)
Du Pont, E. I. de Nemours & Company. (See Handforth, S. L., Johnson, and Smith., assignors.)
Du Pont, E. I., de Nemours & Company. (See Hanford, William E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hanford, W. E., and Henke, assignors.)
Du Pont, E. I., de Nemours & Company. (See Hanford, W. E., and Schreiber, assignors.)
Du Pont, E. I., de Nemours & Company. (See Hansley, Virgil L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hanson, Victor F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Haon, Harry J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hardy, R. L., and Hulse, assignors.)
Du Pont, E. I., de Nemours & Company. (See Hardy, Vernal R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hardy, V. R., and Miles, assignors.)
Du Pont, E. I., de Nemours & Company. (See Harmon, Edward F., assignor.)
Du Pont, E. I., de Nemours and Company. (See Harmon, Jesse, assignor.)
Du Pont, E. I., de Nemours & Company. (See Haskins, Joseph F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hauff, T. W., and Holmes, assignors.)
Du Pont, E. I., de Nemours & Company. (See Heckert, Winfield W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Heckert, W. W., and Kirby, assignors.)
Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Benner, assignors.)
Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Etzel, assignors.)
Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Lockwood, assignors.)
Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Schofield, assignors.)
Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Vaughen, assignors.)
Du Pont, E. I. de Nemours & Company. (See Hershberger, Albert, assignor.)
Du Pont, E. I., de Nemours & Company. (See Hill, Julian W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hirsch, Eugen, assignor.)
Du Pont, E. I., de Nemours & Company. (See Hoge, Pierre W., assignor.)
Du Pont, E. I. de Nemours & Company. (See Holmes, Harrison H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Holt, Harold S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Holt, Lee C., assignor.)
Du Pont Film Manufacturing Corp. (See Holzwarth, Charles, assignor.)
Du Pont, E. I., de Nemours & Company. (See Horning, Samuel C., assignor.)
Du Pont, E. I., de Nemours & Company. (See Howk, B. W., and Wortz, assignors.)
Du Pont, E. I., de Nemours & Company. (See Hubbuch, Leo P., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hucks, Robert T., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hull, Richard O., assignor.)

Du Pont, E. I., de Nemours & Company. (See Hulse, Robert E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hulse, R. E., Hansley, and Laughlin, assignors.)
Du Pont, E. I., de Nemours & Company. (See Hunt, James K., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hurt, David M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Iler, Ralph K., assignor.)
Du Pont, E. I., de Nemours & Company. (See Iliff, J. W., and Singleton, assignors.)
Du Pont, E. I., de Nemours & Company. (See Izard, Emmette F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Izard, E. F., and Mitchell, assignors.)
Du Pont, E. I., de Nemours & Company. (See Jacobson, Ralph A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Johnson, Charles R., assignor.)
Du Pont, E. I., de Nemouurs & Company. (See Johnson, C. R., and Nydegger, assignors.
Du Pont, E. I., de Nemours & Company. (See Karns, George M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Keats, John L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Kepfer, Raymond J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Kiernan, Thomas E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Kirby, James E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Kirby, J. E., and Gillson, assignors.)
Du Pont, E. I., de Nemours & Company. (See Kirk, Joseph S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Klein, H. E., and McVay, assignors.)
De Pont, E. I., de Nemours & Company. (See Knowles, F., and Lycan, assignors.)
Du Pont, E. I., de Nemours & Company. (See Koethen, Frederick L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Krchma, Ignace J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Kroeger, John W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Kvalnes, Hamline M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lang, J. W., and Black, assignors.)
Du Pont, E. I., de Nemours & Company. (See Larson, Louis L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Latour, Theodore R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lazier, Wilbur A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lazier, W. A., and Signaigo, assignors.)
Du Pont, E. I., de Nemours & Company. (See Lenher, S., and Arnold, assignors.)
Du Pont, E. I., de Nemours & Company. (See Lenher, S., and Smith, assignors.)
Du Pont, E. I., de Nemours & Company. (See Lester, Robert L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Levine, A. A., and Cass, assignors.)
Du Pont, E. I., de Nemours & Company. (See Lewis, Everett V., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lightbody, Albert, assignor.)
Du Pont, E. I., de Nemours & Company. (See Lockwood, W. H., and Richmond, assignors.)
Du Pont, E. I., de Nemours & Company. (See Loder, Donald J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Loder, D. J., and Bartlett, assignors.)
Du Pont, E. I., de Nemours & Company. (See Loder, D. J., Gresham, and Killian, assignors.)
Du Pont, E. I., de Nemours & Company. (See Lohmann, Heinrich, assignor.)
Du Pont, E. I., de Nemours & Company. (See Lubs, Herbert A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lubs, H. A., and Black, assignors.)
Du Pont, E. I., de Nemours & Company. (See Lubs, H. A., and Johnson, assignors.)
Du Pont, E. I., de Nemours & Company. (See Lulek, Ralph N., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lulek, R. N., and Dettwyler, assignors.)
Du Pont, E. I., de Nemours & Company. (See Lycan, William H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Macallum, Alexander D., assignor.)
Du Pont, E. I., de Nemours & Company. (See Madson, W. H., and Daiger.)
Du Pont, E. I., de Nemours & Company. (See Magill, Paul La F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Maney, Dorothy B., assignor.)
Du Pont, E. I., de Nemours & Company. (See Marks, Barnard M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Martin, Elmore L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Martone, Thomas A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Martone, T. A., and Rowe, assignors.)
Du Pont, E. I., de Nemours & Company. (See Maxwell, Robert W., assignor.)
Du Pont, E. I. de Nemours & Company. (See McBurney, J. D., and Nollau, assignors.)
Du Pont, E. I., de Nemours & Company. (See McCadam, M. B., and Dimon, assignors.)
Du Pont, E. I., de Nemours & Company. (See McCleary, Ray L., assignor.)
Du Pont, E. I., de Nemours & Company. (See McCormick, G. R., and Russell, assignors.)
Du Pont, E. I., de Nemours & Company. (See McCreery, Thomas, assignor.)
Du Pont, E. I., de Nemours & Company. (See McGill, Russell, assignor.)
Du Pont, E. I., de Nemours & Company. (See McKeon, Thomas J., assignor.)
Du Pont, E. I., de Nemours & Company. (See McKeon, T. J., Pyle, and Van Ness, assignors.)
Du Pont, E. I., de Nemours & Company. (See McKinney, Robert M., assignor.)
Du Pont, E. I., de Nemours and Company. (See McKinney, R. M., and Smith, assignors.)
Du Pont, E. I., de Nemours & Company. (See McQueen, David M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Meigs, Frederick M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Miles, John B., Jr., assignor.)
Du Pont, E. I., de Nemours & Company. (See Mitchell, James A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Murphy, A. R., and Rossander, assignors.)
Du Pont, E. I., de Nemours & Company. (See Neal, A. M., and Sturgis, assignors.)
Du Pont, E. I., de Nemours & Company. (See Neff, William E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Nickowitz, Max N., assignor.)
Du Pont, E. I., de Nemours & Company. (See Nieuwland, Julius A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Nieuwland, J. A., and Sowa, assignors.)
Du Pont, E. I., de Nemours & Company. (See Oeffinfer, E. F., and Stauffer, assignors.)
Du Pont, E. I. de Nemours & Company. (See Owens, J. K., and Scroggie, assignors.)
Du Pont, E. I., de Nemours & Company. (See Parmelee, Howard M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Patterson, Gordon D., assignor.)
Du Pont, E. I., de Nemours & Company. (See Paul, Karl, assignor.)
Du Pont, E. I., de Nemours & Company. (See Peirce, George A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Peter, Richard C., assignor.)
Du Pont, E. I., de Nemours & Company. (See Peters, Franklin T., assignor.)
Du Pont, E. I., de Nemours & Company. (See Peterson, James H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Peterson, Ralph F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Peterson, R. F., and Wrightsman, assignors.)
Du Pont, E. I., de Nemours & Company. (See Peterson, Wesley R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Pfanstiel, Robert, assignor.)
Du Pont, E. I., de Nemours & Co. (See Naoûm, Phokion, assignor.)
Du Pont, E. I., de Nemours & Company. (See Picard, R., and Bonnet, assignors.)
Du Pont, E. I., de Nemours & Company. (See Pings, Wilbur B., assignor.)
Du Pont, E. I., de Nemours & Company. (See Pinkney, Paul S., assignor.)
Du Pont, E. I. de Nemours & Company. (See Pitman, Earle C., assignor.)
Du Pont, E. I., de Nemours & Company. (See Pollard, John D., assignor.)
Du Pont, E. I., de Nemours & Company. (See Pyle, Cyrus, III, assignor.)
Du Pont, E. I., de Nemours & Company. (See Rash, John W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Reichert, J. S., and Taber, assignors.)
Du Pont, E. I., de Nemours & Company. (See Reichert, J. S., McNeight, and Potter, assignors.)
Du Pont, E. I., de Nemours & Company. (See Richmond, Joseph L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Ridler, E. S., and Weygandt, assignors.)
Du Pont, E. I., de Nemours & Company. (See Rigby, George W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Rintelman, William L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Rosenberg, Hans R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Rosenberg, H. R., and Tinker, assignors.)

Du Pont, E. I., de Nemours & Company. (See Rossander, Swanie S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Rossander, S. S., and Sparks, assignors.)
Du Pont, E. I., de Nemours & Company. (See Rothrock, Henry S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Rowe, Charles S., assignor.)
Du Pont, E. I., de Nemours & Co. (See Salzberg, Paul L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Schaumann, Holger H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Scott, Norman D., assignor.)
Du Pont, E. I., de Nemours & Company. (See Scott, N. D., and Walker, assignors.)
Du Pont, E. I., de Nemours & Company. (See Searle, N. E., and Tisdale, assignors.)
Du Pont, E. I., de Nemours & Company. (See Siegel, Alfred, assignor.)
Du Pont, E. I., de Nemours & Company. (See Sinness, Lester S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Sloan, C. K., and Patterson, assignors.)
Du Pont, E. I., de Nemours & Company. (See Smith, Charles V., assignor.)
Du Pont, E. I., de Nemours & Company. (See Smith, G. H., and Van Winter, assignors.)
Du Pont, E. I., de Nemours & Company. (See Snider, Wayne A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Somers, N. C., and Danser, assignors.)
Du Pont, E. I., de Nemours & Company. (See Sorenson, Ben E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Spanagel, Edgar W., assignor.)
Du Pont, E. I., de Nemours & Company Inc. (See Stadler, R., and Auerhahn, assignors.)
Du Pont, E. I., de Nemours & Company. (See Stallmann, Otto, assignor.)
Du Pont, E. I., de Nemours & Company. (See Starkweather, H. W., and Collins, assignors.)
Du Pont, E. I., de Nemours & Company. (See Staudt, Ambrose W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Strain, Daniel E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Straughn, William D. R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Stilmar, Frederic B., assignor.)
Du Pont, E. I., de Nemours & Company. (See Stott, Philip H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Sullivan, David J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Sullivan, Roy W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Sutton, Joseph B., assignor.)
Du Pont, E. I., de Nemours & Company. (See Tanberg, Arthur P., assignor.)
Du Pont, E. I., de Nemours & Company. (See Tauch, E. J., and Iler, assignors.)
Du Pont, E. I., de Nemours & Company. (See Tisdale, W. H., and Williams, assignors.)
Du Pont, E. I., de Nemours & Company. (See Tinker, J. M., and Linch, assignors.)
Du Pont, E. I., de Nemours & Company. (See Tinker, J. M., and Weinmayr, assignors.)
Du Pont, E. I., de Nemours & Company. (See Tisdale, W. H., and Flenner, assignors.)
Du Pont, E. I., de Nemours & Company. (See Thomas, Otho L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Thomas, Raymond E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Underwood, William F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Vaughen, John V., assignor.)
Du Pont, E. I., de Nemours & Company. (See Vinal, Leroy W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Vincent-Daviss, Cedric A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Vogt, Richard R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Wahlgren, Albert W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Walker, Mark, assignor.)
Du Pont, E. I., de Nemours & Company. (See Wernlund, Christian J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Wernlund, C. J., and Zunick, assignors.)
Du Pont, E. I., de Nemours & Company. (See Werntz, James H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Westbrook, Leon R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Williams, Ira, assignor.)
Du Pont, E. I., de Nemours & Company. (See Williams, I., and Smith, assignors.)
Du Pont, E. I., de Nemours & Company. (See Wirth, W. V., and Deese, assignors.)
Du Pont, E. I., de Nemours & Company. (See Woodhouse, John C., assignor.)
Du Pont, E. I., de Nemours & Company. (See Wortz, Charles G., assignor.)
Du Pont, E. I., de Nemours & Company. (See Wuertz, A. J., and Rintelman, assignors.)
Du Pont, E. I., de Nemours & Company. (See Youker, Mortimer A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Young, Howard S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Zeisberg, Frederick C., assignor.)
Du Pont, E. I., de Nemours & Company. (See Zwilgmeyer, Frithjof, assignor.)
Du Pont Film Manufacturing Corporation. (See Baldsiefen, Walter D., assignor.)
Du Pont Film Manufacturing Corporation. (See Brubaker, Merlin M., assignor.)
Du Pont Film Manufacturing Corporation. (See Jennings, A. B., and Middleton, assignors.)
Du Pont Film Manufacturing Corporation. (See Kirby, James E., assignor.)
Du Pont Film Manufacturing Corporation. See McQueen, David M., assignor.)
Du Pont Film Manufacturing Corp. (See McQueen, D. M., and Goebel, assignors.)
Du Pont Film Manufacturing Corp. (See Middleton, Edmund B., assignor.)
Du Pont Film Manufacturing Corporation. (See Middleton, E. B., and Dawson, assignors.)
Du Pont Film Manufacturing Corporation. (See Morris, Lynn B., assignor.)
Du Pont Film Manufacturing Corporation. (See Sease, Virgil B., assignor.)
Du Pont Film Mfg. Company. (See Sease, V. B., and Weber, assignors.)
Du Pont Film Manufacturing Corporation. (See Sease, V. B., and White, assignors.)
Du Pont, Mark S., Darby, assignor to Kellett Autogiro Corporation, Philadelphia, Pa. Aerial banner. 2,202,771; May 28.
Dupont-Munter, Florence, et al. (See Püschner, Julius and J., assignors.)
Du Pont, Oscar A., Berlin, N. H., assignor to Du Pont Pattern Corporation. Garment pattern. 2,211,410; Aug. 13.
Du Pont Pattern Corporation. (See Du Pont, Oscar A., assignor.)
Dupre, Carl B. (See Gorsuch, H. F., and Dupre, Philip and C. B.)
Dupre, Philip. (See Gorsuch, H. F., and Dupre, Philip and C. B.)
Du Pree, Cornelius, Wyckoff, N. J., assgnor to The Manhattan Shirt Company, New York, N. Y. Shirt and making same. 2,202,625; May 28.
Dupree, Samuel F., Jr., Shaker Heights, Ohio. Sealing means for shafts. 2,203,525; June 4.
Dupuis, Clyde, Freehold, N. J., assignor to S. Mishcon, doing business as Supreme Knitting Machine Co., Brooklyn, N. Y. Knitting machine. 2,203,948; June 11.
Du Puis, Robert N. (See Lenth, C. W., and Du Puis.)
Duquesne Mine Supply Company. (See Genter, Albert H., assignor.)
Duquesne Slag Products Company. (See Winkleman, Edward J., assignor.)
Durametallic Corporation. (See Wiessner, Christopher E., assignor.)
Durand, Fred A., Woodbury, Ga. Brush. 2,213,489; Sept. 3.
Durand & Huguenin A. G. (See Verity, Ben, assignor.)
Durand & Huguenin S. A. (See Tschan, Ernst, assignor.)
Durand, Lee M., Monterey, Calif. Fish-filleting machine. 2,210,234; Aug. 6.
Durant, Alexander, Jr. (See Collins, J. L., and Durant.)
Durant, John D. (See Agerell, W. C., and Durant.)
Durant, Kenneth J. (See Kittner, R. H., and Durant.)
Durant, Lyndon A. (See Williams, H. E., and Durant.)
Durant, Lyndon A., Chicago, Ill. Indicating and control means for game apparatus. 2,192,596; Mar. 5.
Durant, Lyndon A., assignor to R. T. Moloney, Chicago, Ill. Amusement game apparatus. 2,205,060; June 18.
Durant, Owen T., Belchertown, Mass. Lifting tongs. 2,210,904; Aug. 13.
Durant, Raymond C., Pasadena, Calif. Locking coupling. 2,194,973; Mar. 26.
Durant, Raymond C., Pasadena, Calif. Coupling device. 2,201,858; May 21.
Durant, Walter W., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Abrasive and producing same. 2,200,164; May 7.
Dura-Products Manufacturing Company. (See George, Edgar E., assignor.)
Duray, John, Minto, N. Dak. Ice sawing machine. 2,186,012; Jan. 9.
Durbin, Vernon, Newton, assignor to The Holtzer-Cabot Electric Company, Roxbury, Mass. Supervisory system. 2,212,660; Aug. 27.
Durdin, Augustus C., Jr., Lincolnwood, Ill. Apparatus for and method of removing supernatant matter from sewage and other liquids. 2,186,371; Jan. 9.
Durdin, Augustus C., Jr., assignor to Chicago Pump Company, Chicago, Ill. Comminutor. 2,199,788; May 7.
Durdin, Augustus C., Jr., assignor to Chicago Pump Company, Chicago, Ill. Digester. 2,202,772; May 28.

Durdin, Augustus C., Jr., Lincolnwood, assignor to Chicago Pump Company, Chicago, Ill. Air diffusing means. 2,221,346; Nov. 12.
Duren, George A., Chicago, Ill. Plumb bob adjusting and counterbalance device. 2,206,530; July 2.
Duret, Marcel, Haebre-Lullin, France. Safety device for the fixation of ski. 2,198,154; Apr. 23.
Durex Products, Incorporated. (See Holtman, Edith, assignor.)
Durgin, Charles B., Anniston, Ala., assignor to Monsanto Chemical Company. Dentifrice. 2,211,369; Aug. 13.
Durham Duplex Razor Company. (See Sheehan, Thomas C., assignor.)
Durham, Hobart N. (See Finnegan, George B., Jr., and Creelman, assignors.)
Durham, Hobart N., Munsey Park, assignor to Differential Wheel Corporation, New York, N. Y. Dual wheeled vehicle. 2,210,572; Aug. 6.
Durham Manufacturing Company. (See Clarin, Werner E., assignor.)
Durham Manufacturing Company. (See Munger, Earl A., assignor.)
Duriron Company, The. (See Jacobsen, Oystein, assignor.)
Duriron Company, The. (See Parsons, James A., Jr., assignor.)
Durkee-Atwood Company. (See Atwood, Harry C., assignor.)
Durkee, James D., assignor to Phillips Petroleum Company, Bartlesville, Okla. Facsimile transmitting and receiving system. 2,191,057; Feb. 20.
Durley, Thomas C., Esher, England, assignor to The Trussed Concrete Steel Company, Limited, Westminster, London, England. Concrete form. 2,213,159; Aug. 27.
Durney, Florence, Brooklyn, N. Y. Loop fastener. 2,188,534; Jan. 30.
Duro Company, The. (See Zimmerman, Arthur C., assignor.)
Duro Metal Products Company. (See Hedgpeth, Theron L., assignor.)
Durst, David L. (See Mizzy, D. D., and Durst.)
Durst, Henry E., Philadelphia, Pa. Air-flow regulator for air-conditioning systems. 2,192,007; Feb. 27.
Durst, Norman H., Moundridge, Kans. Erasing device. 2,185,432; Jan. 2.
Dürsteler, Wilhelm, Thalwil, Switzerland. Method and apparatus for the continuous wet treatment of webs of textile material. 2,203,678; June 11.
Durup, Paul H. (See Ormond, J. J., and Durup.)
Durup, Paul H., Wollaston, assignor to Artographic Incorporated. Boston, Mass. Printing roll. 2,208,047; July 16.
Durup, Paul H., Wollaston, assignor to Artographic Incorporated, Boston, Mass. Register mechanism. 2,208,048; July 16.
Durup, Paul H., Wollaston, and J. J. Ormend, Boston, Mass., assignors to Artographic Incorporated. Printing. 2,208,045; July 16.
Durup, Paul H., Wollaston, and J. J. Ormend, Boston, Mass., assignors to Artographic Incorporated. Printing envelopes. 2,208,046; July 16.
Duryea, Otho C., Waterbury, Conn. Closed top railway car body. 2,214,244; Sept. 10.
Düsing, Josef. (See Esselmann, P., and Düsing.)
Düsing, Joseph. (See Esselmann, P., Kösslinger, and Düsing.)
Duskin, Morris L. (See Magill, H. L., and Morris.)
Dusterdick, William T., Denver, Colo. Machine for frying food. 2,189,200; Feb. 6.
Dustlix Corporation. (See Cormack, John A., assignor.)
Dustman, Robert B., Morgantown, W. Va. Treating fruits, berries, trees, plants, and the like. 2,213,809; Sept. 3.
Dutcher, Frank E., New York, N. Y. Installing unbreakable watch crystals. 2,186,451; Jan. 9.
Dutcher, Ralph E., et al. (See Crane, Samuel G., assignor.)
Duttera, William S., Lynbrook, N. Y., assignor to Radio Corporation of America. Coaxial conductor system for transmission of electrical power. 2,191,071; Feb. 20.
Dutton, Gratia T., et al. (See Edwards, Judson T. and C., assignors.)
Dutton, Walter C., East Lansing, assignor to The Dow Chemical Company, Midland, Mich. Wax emulsion composition. 2,198,991; Apr. 30.
Dutton, William H. (See Solbrig, Gustav, assignor.)
Dützmann, Wilhelm. (See Steiner, Gustav, assignor.)
Duval, Richard H. (See Whitehead, C. L., Chenoweth, Irwin, Duval, Huntley, Rule, and Lewis.)
Du Vall, Frank J., assignor to The Case Crane & Kilbourne Jacobs Co., Columbus, Ohio. Road ripper. 2,209,083; July 23.
Duvall, George L., Long Beach, Calif. Coin operated vending machine. 2,216,811; Oct. 8.
Duvall, Harold A. (See Maechtlen, L. G., and Duvall.)
Duvall, Harold A. (See Pengilly, J. H., Moyen, Duvall, and Maechtlen.)
Duvall, Howard M., Jr., Jackson Heights, N. Y., assignor to Refining, Inc., Reno, Nev. Refining vegetable oils. 2,225,557; Dec. 17.
Du Vall, Russell B. (See Grether, E. F., and Du Vall.)
Dvorak, Emilio, Turin, Italy. Drawing tube. 2,207,245; July 9.
Dvorak, William A., St. Paul, Minn. Dental matrix. 2,196,896; Apr. 9.

Dwight, Harold S., Cincinnati, Ohio. Vehicle stabilizer. 2,211,650; Aug. 13.
Dworchuck, John L., and J. Brozovic, Port Colborne, Ontario, Canada. Machine for cutting sheet metal. 2,208,022; July 16.
Dwyer, James J., Philadelphia, Pa. Foiling device for wax dentures. 2,222,531; Nov. 19.
Dwyer, Robert J. (See Byrne, James P., Jr., assignor.)
Dwyer, Thomas F., Jr., Cambridge, Mass., assignor to F. Schaefer, Pittsburgh, Pa. Cushioned wear plate. 2,206,690; July 2.
Dwyer, William M., assignor to N. H. Miner, Inc., Chicago, Ill. Sliding door. 2,196,294; Apr. 9.
Dwyer, William M., assignor to W. H. Miner, Inc., Chicago, Ill. Door fastener. 2,204,753; June 18.
Dwyer, William M., assignor to W. H. Miner, Inc., Chicago, Ill. Hatch cover fastener. 2,205,556; June 25.
Dwyer, William M., assignor to W. H. Miner, Inc., Chicago, Ill. Hatch cover fastener and lock. 2,224,292; Dec. 10.
Dybdal, Ernest C. (See Kerschbaum, F. P., and Dybdal.)
Dyckerhoff, Eduard. (See Steinert, Johannes, assignor.)
Dyckerhoff, Hanns, Munich, Germany. Preventing coagulation of blood. 2,196,199; Apr. 9.
Dyckman, Richard P., Orange, N. J., assignor to L. A. Dreyfus Company, Rosebank, Staten Island, N. Y. Gum and treating same. 2,198,865; Apr. 30.
Dye, James L. (See Wellborn, R. B., Dye, and Perry.)
Dyer, Colver P., Winchester, Mass., assignor, by mesne assignments, to Monsanto Chemical Company. Recovery of wool by carbonization. 2,197,360; Apr. 16.
Dyer, Ernest L., Kansas City, Kans. Release valve. 2,190,980; Feb. 20.
Dyer, Frederick C., and A. W. Campbell; said Campbell assignor to H. L. McClelland, Toronto, Ontario, Canada. Apparatus for and method of separating seeds. 2,200,771; May 14.
Dyer, John B., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,193,247; Mar. 12.
Dyer, John B., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Control apparatus for engine starters. 2,205,375; June 18.
Dyer, Lloyd W. (See Peterson, A. J. A., Dyer, and West.)
Dyer, Zeb A., Los Angeles, assignor of one-fourth to C. Lamb and one-fourth to D. R. Radford, South Pasadena, Calif. Lower plug for cementing wells. 2,192,400; Mar. 5.
Dyke, Herbert J., Toronto, Ontario, Canada. Railway hand brake. 2,189,978; Feb. 13.
Dyke, John R., Eden, Ala. Amusement ride. 2,201,993; May 28.
Dyken, Charles P., Milwaukee, Wis. Rug rolling and wrapping machine. 2,215,174; Sept. 17.
Dykes, Melville C., Kirkland Lake, Ontario, Canada. Pad holder and pad. 2,205,034; June 18.
Dykes, Oscar G., Pikeville, Tenn. Arrow. 2,193,397; Mar. 12.
Dykstra, Harry B. (See Carothers, W. H., and Dykstra.)
Dykstra, Harry B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reacting methyl vinyl ketone with hydrogen cyanide and products thereby obtained. 2,188,340; Jan. 30.
Dymock, John B. (See Stanley, H. M., and Dymock.)
Dyrr, Jacob V., Bell, Calif., assignor to International Harvester Company, Chicago, Ill. Intergeared offset disk harrow. Re. 21,643; Dec. 3.
Dysart, Arthur S., Onoville, N. Y. Eraser for mechanical pencils. 2,206,457; July 2.
Dyson, George M., Loughborough, and A. Renshaw, Manchester, England, assignors to Parke, Davis & Company, Detroit, Mich. Stibonyl diaryl thiocarbamido compounds and making them. 2,195,885; Apr. 2.
Dyson, Louis M., assignor to The American Hardware Corporation, New Britain, Conn. Lock. 2,204,345; June 11.
E. A. Laboratories, Inc. (See Aufiero, John R., assignor.)
E. A. Laboratories, Inc. (See Meyerhoefer, Carl E., assignor.)
Eaby, Paul M., Lancaster, Pa. Fish lure or bait. 2,214,409; Sept. 10.
Eacho, Richard L. (See McCullough, Hugh T., assignor.)
Eades, Herbert L., Central City, Ky. Nursing bottle holder. 2,214,882; Sept. 17.
Eagen, Thomas S., Cincinnati, assignor to The Procter & Gamble Company, Ivorydale, Ohio. Forming floating milled soap. 2,195,399; Apr. 2.
Eagle Electric Mfg. Co. (See Schoenberg, Benjamin, assignor.)
Eagle, Harold E. (See McKinney, E. L., and Eagle.)
Eagle Knitting Mills, Inc. (See Wengen, Frank J., assignor.)
Eagle Lock Company. (See Raymond, Horace H., assignor.)
Eagle Pencil Company. (See Chesler, Isidor, assignor.)
Eagle Pencil Company. (See Chesler, I., and Herstein, assignors.)
Eagle Pencil Company. (See Friedlaender, Walther, assignor.)
Eagle Pencil Company. (See Hanle, Benjamin W., assignor.)
Eagle Pencil Company. (See Meilner, Joseph, assignor.)
Eagle, Percy P., Ronceverte, W. Va. Fire extinguisher. 2,219,178; Oct. 22.

Eagle-Picher Lead Company, The. (See Hallows, Raymond L., assignor.)
Eaglesfield, Charles C., Mitcham Junction, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Television receiver circuit. 2,203,722; June 11.
Eaglesfield, Charles C., Surrey, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Thermionic valve circuit. 2,226,752; Dec. 31.
Eaglesfield, Philip, Carshalton, England, assignor to The Distillers Company Limited, Edinburgh, Scotland. Oxidation of substituted aromatic hydrocarbons. 2,197,101; Apr. 16.
Eagleson, Craig, Fruitdale, Tex., dedicated to the free use of the People in the territory of the United States. Oil synergist for insecticides. 2,202,145; May 28.
Eagley, Karl C., assignor to Service Manufacturing Co., Inc., Erie, Pa. Lubricant handling apparatus. 2,192,862; Mar. 5.
Eaid, John R., Chicago, Ill., assignor to S. A. Ziegler, as trustee. Shock absorber hub. 2,187,938; Jan. 23.
Eakin, Perry V., Kansas City, Mo. Air conditioned bed compartment. 2,188,078; Jan. 23.
Eakle, Smith W. (See Brant, W. S., Lucas, Weaver, and Eakle.)
Eales, Harry. (See Eisenhut, H., and Eales.)
Eames, William F., Edgewood, Pa., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator signal and control system. 2,224,722; Dec. 10.
Eanes, Hugh P., Winston-Salem, N. C. Warp tying machine. 2,192,674; Mar. 5.
Earl, John H., Boston, Mass., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Device for filling tank trucks and the like. 2,192,736; Mar. 5.
Earl, John L., San Antonio, Tex. Traction increasing means. 2,194,825; Mar. 26.
Earl, Schuyler H., and L. O. Carlsen, assignors to Gleason Works, Rochester, N. Y. Cutter truing device. 2,192,343; Mar. 5.
Earle, James T., Cincinnati, Ohio. Trucking device and detachable rack therefor. 2,199,306; Apr. 30.
Earle, Ralph H., Wauwatosa, assignor to Line Material Company, South Milwaukee, Wis. Guy wire guard. 2,227,073; Dec. 31.
Early, James R., Columbus, Ohio. Hairpin holding and dispensing device. 2,216,723; Oct. 8.
Early, Joseph, New York, N. Y. Adjustable arch support. 2,214,296; Sept. 10.
Earp, Charles W., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Radio direction finding apparatus. 2,213,273; Sept. 3.
Earp, Charles W., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Radio direction finder and course indicating device. 2,215,781; Sept. 24.
Earshen, James J., also known as D. I. Ousheff, Buffalo, N. Y. Production of synthetic rubber. 2,205,699; June 25.
Easley, Clifton W. (See Browder, J. D., and Easley.)
Eason, Clarence M., assignor to Industrial Clutch Company, Waukesha, Wis. Clutch. 2,192,301; Mar. 5.
Eason, Clarence M., assignor to Industrial Clutch Company, Waukesha, Wis. Planetary transmission mechanism. 2,200,597; May 14.
Eason, Clarence M., assignor to Industrial Clutch Company, Waukesha, Wis. Clutch. 2,203,862; June 11.
Eason, Sidney L., Charleston, S. C. Roofing or surfacing material. 2,215,349; Sept. 17.
East, John T., Denver, Colo. Shaving mug. 2,215,691; Sept. 24.
Eastburg, Clifford L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing. 2,191,880; Feb. 27.
Easter, George J. (See Benner, R. C., and Easter.)
Eastern Cap & Closure Co., The. (See Kalbskipf, Ferdinand W., assignor.)
Eastern Oil Refining Company, The. (See Reichhelm, Robert, assignor.)
Eastern Products Company. (See Avakian, Bagdasar, assignor.)
Eastern Tool & Mfg. Co. (See Anderson, Carl E., assignor.)
Eastes, John W. (See Bruson, H. A., and Eastes.)
Eastman, du Bois. (See Mangelsdorf, T. A., and Eastman.)
Eastman, du Bois. (See Watson, C. W., and Eastman.)
Eastman, Du Bois, and C. Richker, Port Arthur, Tex., assignors to The Texas Company. Conversion of hydrocarbons. 2,218,024; Oct. 15.
Eastman, Fred C., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Lasting machine. 2,224,146; Dec. 10.
Eastman, H. John. (See Evans, Harry W., assignor.)
Eastman, H. John. (See O'Grady, Daniel J., assignor.)
Eastman Kodak Company. (See Adams, Harry W., assignor.)
Eastman Kodak Company. (See Alborn, Robert C., assignor.)
Eastman Kodak Company. (See Albrecht, Hermann F., assignor.)
Eastman Kodak Company. (See Ayres, D. E. R., Batley, and Knott, assignors.)
Eastman Kodak Company. (See Babcock, David L., assignor.)
Eastman Kodak Company. (See Bachman, Gustave B., assignor.)
Eastman Kodak Company. (See Bachman, G. B., and Pool, assignors.)
Eastman Kodak Company. (See Bachman, G. B., and Tanner, assignors.)
Eastman Kodak Company. (See Bean, Frederic R., assignor.)
Eastman Kodak Company. (See Beggs, Joseph S., assignor.)
Eastman Kodak Company. (See Beilenson, Bernard, assignor.)
Eastman Kodak Company. (See Blanchard, Loring W., Jr., assignor.)
Eastman Kodak Company. (See Boomer, George L., assignor.)
Eastman Kodak Company. (See Bright, A. W., and Zeigler, assignors.)
Eastman Kodak Company. (See Bright, Bernard K., assignor.)
Eastman Kodak Company. (See Brooker, Leslie G. S., assignor.)
Eastman Kodak Company. (See Brooker, L. G. S., and Smith, assignors.)
Eastman Kodak Company. (See Brooker, L. G. S., and Sprague, assignors.)
Eastman Kodak Company. (See Capstaff, John G., assignor.)
Eastman Kodak Company. (See Carroll, Burt H., assignor.)
Eastman Kodak Company. (See Carroll, B. H., and Staud, assignors.)
Eastman Kodak Company. (See Carter, Rolla N., assignor.)
Eastman Kodak Company. (See Childs, Henry R., assignor.)
Eastman Kodak Company. (See Christie, John, assignor.)
Eastman Kodak Company. (See Christie, J., and Young, assignors.)
Eastman Kodak Company. (See Clarke, Hans T., assignor.)
Eastman Kodak Company. (See Davey, Edward P., assignor.)
Eastman Kodak Company. (See Dewey, Haywood G., assignor.)
Eastman Kodak Company. (See Dickey, Joseph B., assignor.)
Eastman Kodak Company. (See Dickey, J. B., and Byers, assignors.)
Eastman Kodak Company. (See Dickey, J. B., and McNally, assignors.)
Eastman Kodak Company. (See Dickey, J. B., and Normington, assignors.)
Eastman Kodak Company. (See Dietz, Herbert J., assignor.)
Eastman Kodak Company. (See Drotning, Henry O., assignor.)
Eastman Kodak Company. (See Drotning, H. O., and Martin, assignors.)
Eastman Kodak Company. (See Drotning, H. O., and Newell, assignors.)
Eastman Kodak Company. (See Eberlin, Leon W., assignor.)
Eastman Kodak Company. (See Ehrenfried, George, assignor.)
Eastman Kodak Company. (See Ellis, James, assignor.)
Eastman Kodak Company. (See Evans, Ralph M., assignor.)
Eastman Kodak Company. (See Evans, R. M., and Hanson, assignors.)
Eastman Kodak Company. (See Faw, Wendell G., assignor.)
Eastman Kodak Company. (See Figg, Louis J., Jr., assignor.)
Eastman Kodak Company. (See Figg, L. J., Jr., and Rhea, assignors.)
Eastman Kodak Company. (See Fisher, Webster E., assignor.)
Eastman Kodak Company. (See Fletcher, C. L., and Kirton, assignors.)
Eastman Kodak Company. (See Folwell, John H., assignor.)
Eastman Kodak Company. (See Fordyce, Charles R., assignor.)
Eastman Kodak Company. (See Gillice, Freeman A., assignor.)
Eastman Kodak Company. (See Gillon, John W., assignor.)
Eastman Kodak Company. (See Glayon, John W., assignor.)
Eastman Kodak Company. (See Gordon, Jack J., assignor.)
Eastman Kodak Company. (See Green, C. H., and McAdam, assignors.)
Eastman Kodak Company. (See Guenther, Edgar G., assignor.)
Eastman Kodak Company. (See Guenther, E. G., Stevens, and Stolp, assignors.)
Eastman Kodak Company. (See Hale, Joseph B., assignor.)
Eastman Kodak Company. (See Hamer, Frances M., assignor.)

Eastman Kodak Company. (See Hasche, Rudolph L., assignor.)
Eastman Kodak Company. (See Herzberger, Maximilian J., assignor.)
Eastman Kodak Company. (See Hiatt, Gordon D., assignor.)
Eastman Kodak Company. (See Hood, Henry J., assignor.)
Eastman Kodak Company. (See Hopkins, Roy S., assignor.)
Eastman Kodak Company. (See Hughey, Carter J., assignor.)
Eastman Kodak Company. (See Hutchison, Miller R., Jr., assignor.)
Eastman Kodak Company. (See Jackson, W. T., and Faw, assignors.)
Eastman Kodak Company. (See Jensen, E. W., and Ives, assignors.)
Eastman Kodak Company. (See Jones, J. G., and Robertson, assignors.)
Eastman Kodak Company. (See Kenyon, Roger B., assignor.)
Eastman Kodak Company. (See Kenyon, W. O., and Murray, assignors.)
Eastman Kodak Company. (See Keyes, Grafton H., assignor.)
Eastman Kodak Company. (See Keyes, G. H., and Brooker, assignors.)
Eastman Kodak Company. (See Kunkel, Frederick W., assignor.)
Eastman Kodak Company. (See Lane, G. T., and Butterfield, assignors.)
Eastman Kodak Company. (See Leavitt, R. P., and Beggs, assignors.)
Eastman Kodak Company. (See Lechleitner, Aloysius E., assignor.)
Eastman Kodak Company. (See Lechleitner, A. E., and Martin, assignors.)
Eastman Kodak Company. (See Leermakers, John A., assignor.)
Eastman Kodak Company. (See Lindenberg, Wilhelm, assignor.)
Eastman Kodak Company. (See Lyman, D. F., and Wellman, assignors.)
Eastman Kodak Company. (See MacAdam, D. L., and Staud, assignors.)
Eastman Kodak Company. (See Mackenzie, Kenneth J., assignor.)
Eastman Kodak Company. (See Malm, Carl J., assignor.)
Eastman Kodak Company. (See Malm, C. J., and Blanchard, assignors.)
Eastman Kodak Company. (See Malm, C. J., and Emerson, assignors.)
Eastman Kodak Company. (See Malm, C. J., and Fisher, assignors.)
Eastman Kodak Company. (See Malm, C. J., and Nadeau, assignors.)
Eastman Kodak Company. (See Mannes, L. D., and Godowsky, assignors.)
Eastman Kodak Company. (See Marriage, Anthony, assignor.)
Eastman Kodak Company. (See Martin, Lawrence R., assignor.)
Eastman Kodak Company. (See Matthews, I. C., and Atkins, assignors.)
Eastman Kodak Company. (See McGrady, Leon L., assignor.)
Eastman Kodak Company. (See McLeod, J. H., and Grimwood, assignors.)
Eastman Kodak Company. (See McNally, James G., assignor.)
Eastman Kodak Company. (See McNally, J. G., and Dickey, assignors.)
Eastman Kodak Company. (See McNally, J. G., Dickey, and Zugschwerdt, assignors.)
Eastman Kodak Company. (See McNally, J. G., and Van Dyke, assignors.)
Eastman Kodak Company. (See Merriman, William E., assignor.)
Eastman Kodak Company. (See Merriman, W. E., and Carroll, assignors.)
Eastman Kodak Company. (See Mihalyi, Joseph, assignor.)
Eastman Kodak Company. (See Miller, F. C., Wittel, and Lyman, assignors.)
Eastman Kodak Company. (See Murray, Alexander, assignor.)
Eastman Kodak Company. (See Nadeau, G. F., and Clearman, assignors.)
Eastman Kodak Company. (See Nadeau, G. F., and Slack, assignors.)
Eastman Kodak Company. (See Nagel, Hugo, assignor.)
Eastman Kodak Company. (See Nietz, A. H., and Russell, assignors.)
Eastman Kodak Company. (See Ort, Carl, assignor.)
Eastman Kodak Company. (See Othmer, Donald F., assignor.)
Eastman Kodak Company. (See Peterson, Willard D., assignor.)
Eastman Kodak Company. (See Philips, Harlow D., assignor.)
Eastman Kodak Company. (See Reid, Marvin J., assignor.)
Eastman Kodak Company. (See Robertson, Alfred C., assignor.)
Eastman Kodak Company. (See Robinson, E. A., and Richardson, assignors.)
Eastman Kodak Company. (See Ross, Wallace B., assignor.)
Eastman Kodak Company. (See Schinzel, Karl, assignor.)
Eastman Kodak Company. (See Schinzel, Karl, and L., assignors.)
Eastman Kodak Company. (See Schubert, Alvin E., assignor.)
Eastman Kodak Company. (See Seymour, Merrill W., assignor.)
Eastman Kodak Company. (See Sheppard, S. E., and Houck, assignors.)
Eastman Kodak Company. (See Sheppard, S. E., and Hudson, assignors.)
Eastman Kodak Company. (See Smith, Henry B., assignor.)
Eastman Kodak Company. (See Smith, H. B., and Swan, assignors.)
Eastman Kodak Company. (See Staud, C. J., and Popper, assignors.)
Eastman Kodak Company. (See Stewart, Donald H., assignor.)
Eastman Kodak Company. (See Stoiber, Joseph, assignor.)
Eastman Kodak Company. (See Strauss, Philipp P. B., assignor.)
Eastman Kodak Company. (See Swan, Donald R., assignor.)
Eastman Kodak Company. (See Tuttle, C. M., and Bornemann, assignors.)
Eastman Kodak Company. (See Van Derhoef, Henry E., assignor.)
Eastman Kodak Company. (See Van Derhoef, H. E., and Brooks, assignors.)
Eastman Kodak Company. (See Vittum, P. W., and Peterson, assignors.)
Eastman Kodak Company. (See Walter, Wilhelm, assignor.)
Eastman Kodak Company. (See Weaver, Karl S., assignor.)
Eastman Kodak Company. (See Weissberger, Arnold, assignor.)
Eastman Kodak Company. (See Wengel, Raymond W., assignor.)
Eastman Kodak Company. (See Weyerts, W. J., and Wiederhold, assignors.)
Eastman Kodak Company. (See White, James C., assignor.)
Eastman Kodak Company. (See Wittel, Otto, assignor.)
Eastman Kodak Company. (See Wood, Donald L., assignor.)
Eastman Kodak Company. (See Young, D'Arcy A., Jr., assignor.)
Eastman Kodak Company. (See Yule, John A. C., assignor.)
Eastman Machine Company. (See Clark, Frederick J., assignor.)
Eastman Oil Well Survey Company of Delaware et al. (See Bolton, Ray F., assignor.)
Eastman Oil Well Survey Company of Delaware et al. (See Hughes, James D., assignor.)
Eastman Oil Well Survey Corporation of California et al. (See Bolton, Ray F., assignor.)
Eastman Oil Well Survey Corporation of California et al. (See Hughes, James D., assignor.)
Easton Car & Construction Company. (See Farrell, William E., assignor.)
Eastman Oil Well Survey Company. (See Miller, Leonidas C., assignor.)
Eastus, Harold L., Muncie, Ind., assignor to Owens-Illinois Glass Company. Hollow glass building block. 2,196,109; Apr. 2.
Eastus, Harold L., Muncie, Ind., assignor to Owens Illinois Glass Company. Glass building block manufacture. 2,207,342; July 9.
Eastwood, Herbert S., Jersey City, N. J., assignor to The De Laval Separator Company, New York, N. Y. Milk pail. 2,215,607; Sept. 24.
Easycantop Limited. (See Walensky, Marjorie D. M., assignor.)
Easy Washing Machine Corporation. (See Geldhof, Peter E., assignor.)
Easy Washing Machine Corporation. (See Geldhof, P. E., and Ringer, assignors.)
Easy Washing Machine Corporation. (See Litle, Thomas J., Jr., assignor.)
Easy Washing Machine Corporation. (See Logue, Charles H., assignor.)
Easy Washing Machine Corporation. (See Nelson, Jabez C., assignor.)
Eaton, A. N., Paper Company. (See Eaton, C. G., and Thomas, assignors.)
Eaton, Bryon G., Seattle, Wash. Calculator. 2,218,815; Oct. 22.
Eaton, Carleton G., Waltham, and A. J. Thomas, Braintree, assignors to A. N. Eaton Paper Company, Boston, Mass. Machine for positioning string handles on bags. 2,224,040; Dec. 3.
Eaton, George R., Oak Park, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Magneto-electric generator. 2,195,328; Mar. 26.

Eaton, George R., Oak Park, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Time recorder system. 2,204,346; June 11.
Eaton, Gerald L., Osborne, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Fractionation of hydrocarbon vapor mixtures. 2,221,702; Nov. 12.
Eaton, Henry B., II, Scarsdale, assignor to Church E. Gates and Company, New York, N. Y. Court. 2,205,398; June 25.
Eaton, John, Schenectady, N. Y., assignor to General Electric Company. Electromagnetic valve. 2,223,986; Dec. 3.
Eaton, John F., and H. D. Collins, Tulsa, Okla. Vibration dampener. 2,212,153; Aug. 20.
Eaton Knitting Co. Limited, The. (See Hill, Fredrick, assignor.)
Eaton, Lewis B., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Apparatus for perforating sheet material. 2,218,674; Oct. 22.
Eaton Manufacturing Company. (See Charlton, George, assignor.)
Eaton Manufacturing Company. (See Daisley, Robert H., assignor.)
Eaton Manufacturing Company. (See Dostal, Joseph L., assignor.)
Eaton Manufacturing Company. (See Findley, Howard J., assignor.)
Eaton Manufacturing Company. (See Halladay, Calvin L., assignor.)
Eaton Manufacturing Company. (See Lindeman, Edward H., assignor.)
Eaton Manufacturing Company. (See Russell, Robert C., assignor.)
Eaton Manufacturing Company. (See Shaw, Clarence W., assignor.)
Eaton Manufacturing Company. (See Swank, Arthur L., assignor.)
Eaton Manufacturing Company. (See Voorhies, Carl and H. E., assignors.)
Eaton Manufacturing Company. (See Werther, Odin, assignor.)
Eaton, Milton, Shawinigan Falls, assignor to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Regulating electric steam generators. 2,185,786; Jan. 2.
Eaton Metal Products Co. (See Buchen, Clement A., assignor.)
Eaton, Orville R., Oxon Hill, Md. Match booklet convertible into a toy. 2,197,451; Apr. 16.
Eaton Paper Corporation. (See Sojka, George E., assignor.)
Eaton, Reginald O., Erie, Pa., assignor to General Electric Company. Hydraulic mechanism. 2,208,451; July 16.
Eaton, Warren S., Los Angeles, Calif., assignor to Radio Corporation of America. Directional antenna. 2,204,406; June 11.
Eaton, Wilfred A., Pittsburgh, Pa., and R. S. Sanford, New York, N. Y., assignors to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Gear shifting mechanism. 2,226,660; Dec. 31.
Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Brake control valve. 2,204,530; June 11.
Eaves, Basil G., Maplewood, N. J. Device for drying and preserving razor blades. 2,222,020; Nov. 19.
Ebauches, S. A. (See Jacot-Guyot, Henri, assignor.)
Ebaugh, Edward L., Kneeland, Calif. Gate. 2,204,477; June 11.
Ebbets, George D., Kenilworth, N. J., and C. H. Gay, Akron, Ohio, assignors to The Babcock & Wilcox Company, Newark, N. J. Steam boiler. 2,212,115; Aug. 20.
Ebco Manufacturing Company, The. (See Love, Lee C., assignor.)
Ebel, Friedrich. (See Ziese, W., Ebel, and Schneevoigt.)
Ebel, Friedrich, Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation. Producing fast dyeings. 2,191,127; Feb. 27.
Eber, Jack, Bronx, N. Y. Combination lock. 2,189,342; Feb. 6.
Eber, Jack, Bronx, N. Y. Combination lock. 2,220,148; Nov. 5.
Eberenz, George B., San Francisco, Calif. Amalgam press. 2,212,116; Aug. 20.
Eberhardt, Walter. (See Herschede, Walter J., Eberhardt, and W. F. Herschede.)
Eberhart, Felix, Arlington, N. J., assignor to American Can Company, New York, N. Y. Coating machine. 2,189,783; Feb. 13.
Eberle, Wilhelm, assignor to Messer & Company, G. m. b. H., Frankfort-on-the-Main, Germany. Cutting apparatus. 2,207,787; July 16.
Eberlein, Carl W., Highland Park, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Obtainment of estrogenic substances. 2,196,295; Apr. 9.
Eberlin, Leon W., assignor to Eastman Kodak Company, Rochester, N. Y. Optical glass. 2,206,081; July 2.
Ebersol, Aaron, Milverton, Ontario, Canada. Straw shredder attachment for threshing machines. 2,213,906; Sept. 3.
Eberspacher, J. (See Adolph, Karl, assignor.)
Ebert, Burton E., Lansdowne, assignor to Scott Paper Company, Chester, Pa. Wall cabinet. 2,210,204; Aug. 6.
Ebert, Edward, Brooklyn, N. Y. Game apparatus. 2,197,520; Apr. 16.
Ebert, Edward A., Buffalo, N. Y., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Washing machine. 2,215,808; Sept. 24.
Ebert, Georg, R. Heidebroek, and P. Orth, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Jasco, Incorporated. Polymerizing butadienes. 2,209,746; July 30.
Ebert, Joseph, Westmont, N. J., assignor to The Farastan Company, Philadelphia, Pa. Sulphanilamide camphorate and making it. 2,223,937; Dec. 3.
Ebert, Joseph T. (See Gordon, A. G., and Ebert.)
Ebner, Karl, Oberursel in Taunus, Germany, assignor to American Lurgi Corporation, New York, N. Y. Production of metallic magnesium. 2,224,041; Dec. 3.
Ebsworth, Richard H., Honolulu, Hawaii. Roller window shade. 2,204,847; June 18.
Eby, Eugene D., Pittsfield, Mass., assignor to General Electric Company. Connector for sector conductor cables. 2,188,178; Jan. 23.
Eby, Hugh H., Inc. (See Sutter, Samuel, assignor.)
Eby, Eugene D., Pittsfield, Mass., assignor to General Electric Company. Connector for cables. 2,210,804; Aug. 6.
Eby, Hugh H., assignor to Hugh H. Eby, Inc., Philadelphia, Pa. Socket. 2,196,697; Apr. 9.
Eby, Hugh H., Philadelphia, Pa., assignor to Hugh H. Eby, Inc. Electrical socket. 2,205,878; June 25.
Eby, Hugh H., Inc. (See Draving, Arthur M., assignor.)
Eby, Hugh H., Inc. (See Eby, Hugh H., assignor.)
Eby, Hugh H., Inc. (See Henning, Warren K., assignor.)
Eccles, Thomas. (See Moncrieff, R. W., and Eccles.)
Eccles, William E., Owatonna, Minn. Bimetallic finger ring. 2,205,006; June 18.
Ecclestone Chemical Co., The. (See Uhl, Peter W., assignor.)
Echlin Manufacturing Company. (See Lansdale, Ben C., assignor.)
Echlin Manufacturing Company. (See Rourke, Alfred E., assignor.)
Eck, Hubert. (See Schröter, R., Rinke, and Eck.)
Eckard, Lewis D., Washington, D. C. Apparatus and method of eliminating signal fading. 2,200,789; May 14.
Eckard, Paul, Los Angeles, Calif. Hose sprinkling nozzle. 2,192,639; Mar. 5.
Eckardt, Rudolph, Leipzig, Germany, assignor to The National Acme Company, Cleveland, Ohio. Protecting device for automatic multiple spindle machines. 2,220,068; Nov. 5.
Eckart, William R., San Marino, assignor to C. F. Braun & Co., Alhambra, Calif. Commingling fluids. 2,205,284; June 18.
Eckel, John E., and C. E. Reistle, Jr., Houston, Tex., assignors to Standard Oil Development Company. Method and apparatus for gravel-packing wells. 2,224,538; Dec. 10.
Eckel, John F., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Composition of matter and electrical conductor cable containing the same. 2,216,435; Oct. 1.
Eckelberg, Fred W., Minneapolis, Minn. Christmas tree reflector. 2,190,283; Feb. 13.
Eckels, Louis C., Baltimore, Md., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of titanium pigments. 2,216,879; Oct. 8.
Eckenrode, Mark, San Diego, Calif. Bicycle crank change speed mechanism. 2,197,238; Apr. 16.
Eckersley, Peter P., Chelsea, London, England, assignor to Radio Corporation of America, New York, N. Y. Modulated carrier wave telephony system. 2,190,706; Feb. 20.
Eckert, Alton B., Mount Vernon, N. Y. Impregnating wooden structural members. 2,208,361; July 16.
Eckert, Carl, Garmisch-Partenkirchen, Upper Bavaria, Germany. Apparatus for sterilizing toothpicks or the like. 2,210,318; Aug. 6.
Eckert, Clarence R., Englewood, N. J., assignor to the Celotex Corporation, Chicago, Ill. Flat roof. 2,191,522; Feb. 27.
Eckert, Clarence R., Englewood, N. J., assignor to Metropolitan Roofing Supplies Co., Inc., New York, N. Y. Waterproof covering roofs, etc. 2,196,807; Apr. 9.
Eckert, Clarence R., Englewood, N. J., assignor, by mesne assignments, to The Patent and Licensing Corporation, New York, N. Y. Thick butt element. 2,212,341; Aug. 20.
Eckert, Felix H., San Antonio, Tex. Pump jack. 2,200,790; May 14.
Eckert, Wilhelm, and F. Quint, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline & Film Corporation. Dyestuffs of the pyrazinocyanine series and making them. 2,200,689; May 14.
Eckert, Wilhelm, and K. Schilling, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline & Film Corporation. Chromable dyestuffs of the triarylmethane series. 2,213,460; Sept. 3.
Eckert, Wilhelm, and K. Schilling, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline & Film Corporation. Triarylmethane dyestuffs. 2,219,009; Oct. 22.
Eckert, Wilhelm, and K. Schilling, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline & Film Corporation. Chromable dyestuffs of the triarylmethane series and preparing them. 2,221,965; Nov. 19.

Eckert, William F., Ridley Park, Pa. Locomotive. 2,194,929; Mar. 26.
Eckert, William F., Ridley Park, Pa. Intake and exhaust control system for mine locomotives. 2,197,854; Apr. 23.
Eckey, Eddy W., Wyoming, and R. G. Folzenlogen, Lockland, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Preparation of winter oil from cottonseed oil. 2,205,381; June 25.
Eckhard, William K., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet feeding mechanism for printing presses. 2,207,508; July 9.
Eckhard, William K., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet feeding mechanism for printing presses. 2,210,573; Aug. 6.
Eckhard, William K., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Throwoff mechanism for printing presses. 2,216,565; Oct. 1.
Eckler, Harlan E., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Compressible rivet. 2,194,458; Mar. 26.
Eckler, Harlan E., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Serrated rivet. 2,196,144; Apr. 2.
Eckler, Thomas E., assignor of one-half to W. Convey, Fort Madison, Iowa. Automobile license plate holder. 2,185,787; Jan. 2.
Eckman, Meril L., assignor to American Coach & Body Company, Cleveland, Ohio. Welding device. 2,189,784; Feb. 13.
Eckman, Meril L., assignor to The American Coach and Body Company, Cleveland, Ohio. Welding apparatus. 2,196,523; Apr. 9.
Eckman, Meril L., assignor to The American Coach & Body Company, Cleveland, Ohio. Welding device. 2,212,154; Aug. 20.
Eckman, Meril L., assignor to The American Coach & Body Co., Cleveland, Ohio. Making fluid conduits. 2,225,862; Dec. 24.
Eckstein, Louis V., assignor to E. F. Pohl, St. Louis, Mo. Electric steaming iron. 2,218,322; Oct. 15.
Eckstein, Louis V., assignor to E. F. Pohl, St. Louis, Mo. Electric steaming iron. 2,218,323; Oct. 15.
Eclipse Aviation Corporation. (See Allen, Joseph W., assignor.)
Eclipse Aviation Corporation. (See Baer, Howard, assignor.)
Eclipse Aviation Corporation. (See Baer, H., and Finnegan, assignors.)
Eclipse Aviation Corporation. (See Blanchard, Arthur D., assignor.)
Eclipse Aviation Corporation. (See Gregg, David, assignor.)
Eclipse Aviation Corporation. (See Havill, Clinton H., assignor.)
Eclipse Aviation Corporation. (See Lansing, Raymond P., assignor.)
Eclipse Aviation Corporation. (See MacNeil, C. I., and Zwack, assignors.)
Eclipse Aviation Corporation. (See Marcus, Charles, assignor.)
Eclipse Aviation Corporation. (See Nardone, Romeo M., assignor.)
Eclipse Aviation Corporation. (See Olshevsky, Dimitry E., assignor.)
Eclipse Aviation Corporation. (See Zwack, Raymond T., assignor.)
Eclipse Fuel Engineering Co. (See Scharbau, Kurt A., assignor.)
Eclipse Lawn Mower Company. (See Roth, Lester B., assignor.)
Ecoff, Francis A., Richmond Heights, Mo., assignor to American Car and Foundry Company, New York, N. Y. Air conditioning for railway cars. 2,226,753; Dec. 31.
Economic Machinery Company. (See Essen, Eric E., assignor.)
Economic Machinery Company. (See Holm, Carl, assignor.)
Economic Steel Rack Co. (See Woods, James H., assignor.)
Economides, Michael J., Brooklyn, N. Y. Concealed hinge. 2,219,358; Oct. 29.
Economides, Michael J., Brooklyn, N. Y. Concealed hinge. 2,219,918; Oct. 29.
Economy Baler Company. (See Barrows, A. C., Haines, and Langford, assignors.)
Economy Baler Company. (See Langford, G. W., and Barrows, assignors.)
Economy Carburetor Incorporated. (See Boatright, A. J., and Newman, assignors.)
Economy Fuse & Manufacturing Company. (See Cherry, O. A., and Cabell, assignors.)
Eddington Metal Specialty Co. (See Czarnecki, Walter, assignor.)
Eddington Metal Specialty Co. (See Czarnecki, Walter V., Jr., and W.)
Eddington, William R., Springville, Utah. Machine for testing tenderness of peas. 2,226,600; Dec. 31.
Eddins, Daniel S., assignor to Chrysler Corporation, Detroit, Mich. Fluid coupling compressor drive. 2,220,321; Nov. 5.
Eddins, William N., San Antonio, Tex. Fluid operated pump. 2,212,416; Aug. 20.
Eddy, Albert I., Hillside, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Primary battery. 2,189,463; Feb. 6.
Eddy, Albert I., West Caldwell, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Primary battery. 2,218,193; Oct. 15.
Eddy, Harold C., Los Angeles, Calif., assignor, by mesne assignments, to Petrolite Corporation, Ltd., Wilmington, Del. Indication and control apparatus. 2,216,724; Oct. 8.
Eddy, Schuyler C., Kalamazoo, Mich. Tent. 2,197,791; Apr. 23.
Eddy, Schuyler C., Kalamazoo, Mich. Cribbage board. 2,204,177; June 11.
Eddy, William C., Port Washington, N. Y., assignor to Radio Corporation of America. Illumination device. 2,221,079; Nov. 12.
Eddy, William H., Downers Grove, Ill., assignor, by mesne assignments, to Teletypesetter Corporation. Keyboard perforator and counter. 2,189,545. Feb. 6.
Edelblute, Thomas H., Reynoldsville, Pa. Car door operating implement. 2,201,394; May 21.
Edeleanu Gesellschaft m. b. H. (See Bösing, Ernst, assignor.)
Edeleanu Gesellschaft, m. b. H. (See Saegebarth, Erich, assignor.)
Edeleanu Gesellschaft m. b. H. (See Weir, James W., assignor.)
Edelen, James L., assignor to Carter Carburetor Corporation, St. Louis, Mo. Pump stroke gauge. 2,207,396; July 9.
Edeler, August, Cincinnati, and A. S. Richardson, Village of Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Manufacturing fatty esters. 2,206,167; July 2.
Edeler, August, Cincinnati, and A. S. Richardson, Village of Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Manufacturing fatty esters. 2,206,168; July 2.
Edelman, Sam. (See Rahrer, F. W., and Edelman.)
Edelman, Walter E. (See Kronmiller, C. G., and Edelman.)
Edelmann, E., & Co. (See Ericson, Willard E., assignor.)
Edelmann, E., & Co. (See Thomas, Joseph C., assignor.)
Edelmann, Leo, Chicago, Ill. Hydrometer float. 2,221,913; Nov. 19.
Edelmann, Leo, Chicago, Ill. Thermo hydrometer. 2,223,483; Dec. 3.
Eden, James A., Springfield, assignor to White & Wyckoff Mfg. Co., Holyoke, Mass. Bookbinding. 2,188,773; Jan. 30.
Eden, James A., assignor to Baush Machine Tool Company, Springfield, Mass. Multiple spindle boring mechanism. 2,188,941; Feb. 6.
Eden, James A., assignor to Bausch Machine Tool Company, Springfield, Mo. Boring device. 2,195,026; Mar. 26.
Eden, James A., Springfield, assignor to E. L. Schumacher, Southbridge, Mass. Making containers. 2,217,335; Oct. 8.
Eden, James A., Springfield, assignor to E. L. Schumacher, Southbridge, Mass. Making containers. 2,217,336; Oct. 8.
Ederer, Arthur F., assignor to Ketcham Wire and Manufacturing Co., Seattle, Wash. Corrugated fastener driving machine. 2,217,894; Oct. 15.
Edes Manufacturing Company, The. (See Masse, Thomas J., assignor.)
Edgar Brothers Company. (See Lane, George J., assignor.)
Edgar, David, Lynn, assignor to The Tanning Process Company, Boston, Mass. Staking machine. 2,201,994; May 28.
Edgar, Donald E., Philadelphia, and P. Robinson, Llanerch, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Resinous composition and preparing same. 2,191,957; Feb. 27.
Edgar, Donald E., Philadelphia, and P. Robinson, Llanerch, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated and impregnated fabric. 2,201,891; May 21.
Edgar, Donald E., Philadelphia, and P. Robinson, Llanerch, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Leather finish. 2,201,892; May 21.
Edgar, Herbert F. J., Peterborough, Ontario, Canada. Fish lure. 2,218,421; Oct. 15.
Edgar, John, assignor to Barber-Colman Company, Rockford, Ill. Making hobs. 2,185,839; Jan. 2.
Edgar, Louis C., Jr., Oakmont, assignor to Blaw-knox Company, Pittsburgh, Pa. Ladle stopper rigging. 2,223,062; Nov. 26.
Edgar, Luther M., and L. A. Smith, assignors to The Shelby Cycle Company, Shelby, Ohio. Shock absorbing steering fork for cycles. 2,226,712; Dec. 31.
Edgar, Robert F., Schenectady, N. Y., assignor to General Electric Company. Eccentricity indicator. 2,186,826; Jan. 9.
Edge, Alfred J., Savannah, Ga., and W. S. Edge, Pittsburgh, Pa. Building construction. 2,199,152; Apr. 30.
Edge Company Limited. (See Benda, Albert, assignor.)
Edge, Dexter, Gary, Ind. Metal strip coil heating. 2,201,308; May 21.
Edge, Walter S. (See Edge, Alfred J. and W. S.)
Edge, Walter S., Atlanta, Ga. Making plaster grounds. 2,191,647; Feb. 27.

Edgecomb, Clark R., and E. W. Patterson, Long Beach; said Patterson assignor, by mesne assignments, of twenty-five per cent to R. B. Mohr, and twenty-five per cent to D. D. Richards, Santa Monica, Calif. Anti-friction sucker rod guide. 2,198,720; Apr. 30.
Edgerton, Harold E., Watertown, Mass. Motion-picture apparatus. 2,186,013; Jan. 9.
Edgerton, Harold E., Watertown, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Synchronous-motor-control system. 2,205,246; June 18.
Edgerton, Harold E., Cambridge, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Synchronous-motor-control system. 2,205,247; June 18.
Edgerton, Harold E., Belmont, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Synchronous-motor-control system. 2,205,248; June 18.
Edgewater Steel Company. (See Endsley, Louis E., assignor.)
Edick, Otto D., assignor to S. H. Davis and J. F. Motcheck, Jr., Lansing, Mich. Paste brush holder. 2,201,104; May 14.
Edinger, Carl, Inglewood, Calif. Tire grooving apparatus. 2,225,041; Dec. 17.
Edington, Robert M., Vineland, N. J. Brooder. 2,221,045; Nov. 12.
Edison, Austin G., Ardentown, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of ferric sulphate. 2,196,584; Apr. 9.
Edison Cement Corporation et al. (See Wilsnack, George C., assignor.)
Edison General Electric Appliance Company. (See Randolph, C. P., and Kempton, assignors.)
Edison General Electric Appliance Company. (See Stoddard, E. S., and Borman, assignors.)
Edison General Electric Applicance Company. (See Uhlir, William G., assignor.)
Edison General Electric Appliance Company. (See Walker, Forrest A., assignor.)
Edison-Splitdorf Corporation. (See Klingner, Adolph F., assignor.)
Edison, Thomas A., Incorporated. (See Carlson, Henry S., assignor.)
Edison, Thomas A., Incorporated. (See Di Toro, Michael J., assignor.)
Edison, Thomas A., Incorporated. (See Dunning, Orville M., assignor.)
Edison, Thomas A., Incorporated. (See Dunning, O. M., and Jacobs, assignors.)
Edison, Thomas A., Incorporated. (See Eddy, Albert I., assignor.)
Edison, Thomas A., Incorporated. (See Fritzinger, George H., assignor.)
Edison, Thomas A., Incorporated. (See Gramann, Heinrich F. M., assignor.)
Edison, Thomas A., Incorporated. (See Huenlich, Charles, assignor.)
Edison, Thomas A., Incorporated. (See Huenlich, C., and Gramann, assignors.)
Edison, Thomas A., Incorporated. (See La Forest, Louis Z., assignor.)
Edison, Thomas A., Incorporated. (See Somers, Richard M., assignor.)
Edison, Thomas A., Incorporated. (See Somers, R. M., and Carlson, assignors.)
Edixhoven, Theodorus W., Mobile, Ala. Rotary pump or motor. 2,212,497; Aug. 27.
Edler, Fritz, Hanover, and W. Schaefer, Berlin-Wilmersdorf, Germany. Temporary binder. 2,223,030; Nov. 26.
Edler, Hans, Nuremberg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Direct-current measuring device. 2,217,435; Oct. 8.
Edmonds, Asbury S., Newcastle, N. Y. Vehicle brake rigging device. 2,227,301; Dec. 31.
Edmonds, William J., Scarsdale, N. Y., assignor to Standard Oil Development Company. Dewaxing oils with light hydrocarbons. 2,189,885; Feb. 13.
Edmondson, William H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic reset mechanism. 2,208,753; July 23.
Edmonson, George S., New York, N. Y. Linear molded article for housing electrical conductors. 2,192,899; Mar. 12.
Edmunds, Charles J. (See Wolcott, H., and Edmunds.)
Edmunds, William H., Denver, Colo. Photographic camera and exposure meter. 2,219,300; Oct. 29.
Edmundson, Jerone, Birmingham, Ala. Fire extinguishing system. 2,207,662; July 9.
Edmundson, Jerone, Birmingham, Ala. Fire extinguishing and alarm system. 2,222,365; Nov. 19.
Edson, Earle R., and G. F. Mach, assignors to Russia Cement Company, Gloucester, Mass. Adhesive. 2,192,585; Mar. 5.
Edson, Earle R., and G. F. Mach, assignors to Russia Cement Company, Gloucester, Mass. Adhesive and making the same. 2,210,119; Aug. 6.
Edson, James O., Great Kills, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,189,546; Feb. 6.
Edson, James O., Great Kills, and I. G. Wilson, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplifier. 2,191,167; Feb. 20.
Edson, James O., Great Kills, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplifying system. 2,224,673; Dec. 10.
Edstrom, Johan E. V., Stockholm, Sweden, assignor to Electrolux Corporation, New York, N. Y. Vacuum cleaner. 2,190,470; Feb. 13.
Edstrom, Johan E. V., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,227,302; Dec. 31.
Educational Laboratories, Inc. (See Taylor, Carl C., assignor.)
Edward Valve & Manufacturing Co. Inc. (See Mohr, Walter W., assignor.)
Edwards, Bluford E., Waynesboro, Tenn. Hammer. 2,198,764; Apr. 30.
Edwards, Brint. (See Dorwin, C. W., and Edwards.)
Edwards, Bruce V., East Orange, N. J. Shredding machine. 2,202,843; June 4.
Edwards, Cameron M., et al. (See Bole, Floyd E., assignor.)
Edwards, Cash W., New York, N. Y. Copyholder. 2,210,166; Aug. 6.
Edwards, Charles E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe. 2,197,102; Apr. 16.
Edwards, Charles E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Marking machine. 2,205,399; June 25.
Edwards, Charles R., assignor to Houston Engineers, Inc., Houston, Tex. Testing device for wells. 2,214,550; Sept. 10.
Edwards, Charles R., Houston, Tex. Method and apparatus for taking samples. 2,214,551; Sept. 10.
Edwards, Claude P. (See Elkins, A. L., and Edwards.)
Edwards & Company. (See Edwards, Robert S., assignor.)
Edwards, Corman O., Oakland, Calif. Nipple for nursing bottles. 2,227,389; Dec. 31.
Edwards, Crewdson. (See Edwards, Judson T. and C.)
Edwards, Donald V., Montclair, N. J., assignor to Electrons, Inc. Evacuating a vessel and making a vitreous seal. 2,222,303; Nov. 26.
Edwards, Evan A., East Cleveland, Ohio., assignor to General Electric Company. Electric valve circuit. 2,220,755; Nov. 5.
Edwards, Frank C., Englewood, N. J., assignor to Harnischfeger Corporation, Milwaukee, Wis. Truck base for load-lifting machinery. 2,209,392; July 30.
Edwards, Frederick W., assignor to Johnson Laboratories, Inc., Chicago, Ill. Indicating device for tuning mechanisms. 2,190,059; Feb. 13.
Edwards, George, assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Method of and apparatus for making bimetallic strip. 2,203,679; June 11.
Edwards, George, et al. (See Campbell, Harry C., assignor.)
Edwards, George L., Fuquay Springs, N. C. False face. 2,203,562; June 4.
Edwards, George N., assignor to The Ohio Rubber Company, Willoughby, Ohio. Antenna for motor vehicles. 2,214,048; Sept. 10.
Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injection pump. 2,188,859; Jan. 30.
Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Shaft coupling. 2,198,574; Apr. 23.
Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Valve for fuel injection pumps. 2,214,364; Sept. 10.
Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Coupling. 2,220,799; Nov. 5.
Edwards, Irving W., Detroit, Mich. Strand or cable. 2,202,844; June 4.
Edwards, Irving W., Detroit, Mich. Composite electric cable. 2,207,090; July 9.
Edwards, James H., Evanston, assignor to Illinois Testing Laboratories, Inc., Chicago, Ill. Weighing apparatus. 2,195,451; Apr. 2.
Edwards, Judson T. and C., assignors of one-sixth to H. Baer and one-sixth to G. T. Dutton, St. Louis, Mo. Electric steam iron. 2,199,911; May 7.
Edwards, Junius D., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Treating aluminum surfaces. 2,197,405; Apr. 16.
Edwards, Martin A. (See Hall, C. I., and Edwards.)
Edwards, Martin A., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuit. 2,190,774; Feb. 20.
Edwards, Martin A., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuit. 2,190,775; Feb. 20.
Edwards, Martin A., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,210,805; Aug. 6.
Edwards, Martin A., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,217,399; Oct. 8.

Edwards, Martin A., and R. W. Porter, Schenectady, N. Y., assignors to General Electric Company. Frequency compensator. 2,194,299; Mar. 19.
Edwards, Miles L. (See Blom, C., and Edwards.)
Edwards, O. M., Company, The. (See Axe, Roy T., assignor.)
Edwards, O. M., Company, The. (See Chaffee, Edward F., assignor.)
Edwards, O. M., Company, The. (See Edwards, Oliver M., assignor.)
Edwards, Oliver M., assignor to The O. M. Edwards Company Inc., Syracuse, N. Y. Circular window construction. 2,197,074; Apr. 16.
Edwards, Oliver M., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window construction. 2,208,836; July 23.
Edwards, Oliver M., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Double sash and moisture-absorbing receptacle assembly. 2,212,063; Aug. 20.
Edwards, Robert B. (See Hammond, J. W., and Edwards.)
Edwards, Robert L. (See Baxter, J. G., and Edwards.)
Edwards, Robert S., New Canaan, assignor to Edwards and Company, Inc., Norwalk, Conn. Signaling apparatus. 2,205,189; June 18.
Edwards, Robert S., New Canaan, assignor to Edwards and Company, Inc., Norwalk, Conn. Signaling apparatus. 2,206,837; July 2.
Edwards, Robert S., New Canaan, assignor to Edwards and Company, Inc., Norwalk, Conn. Transformer construction. 2,211,691; Aug. 13.
Edwards, Robert S., New Canaan, assignor to Edwards and Company, Inc., Norwalk, Conn. Signaling device. 2,225,558; Dec. 17.
Edwards, Robert S., Springdale, assignor to Edwards and Company, Inc., Norwalk, Conn. Transformer construction. 2,211,690; Aug. 13.
Edwards, T. J., Inc. (See Andersen, Laurits, assignor.)
Edwards, Terry W., and C. H. Nagel, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Mixer for plastic material. 2,200,875; May 14.
Edwards, Vere B., Coraopolis, Pa., assignor to Dravo Corporation. Boat. 2,201,859; May 21.
Edwards, Walter S. (See Higgins, G. H., and Edwards.)
Edwards, William C., Anderson, assignor to General Motors Corporation, Detroit, Mich. Steering column lock. 2,203,949; June 11.
Edwards, William F. M., assignor to Filter Tips Limited London, England. Manufacture of cigarettes. 2,188,998; Feb. 6.
Edwards, William F. M., Hinchley Wood, Esher, assignor to Filter Tips Limited, London, England. Cigarette. 2,189,886; Feb. 13.
Edwards, William H., Great Neck, N. Y., and G. C. Porter, Ridgewood, and R. V. Terry, Montclair, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Terminal block. 2,199,219; Apr. 30.
Edwards, William H., South Bend, Ind. Tractor-trailer combination. 2,215,903; Sept. 24.
Edwards, William J., Wichita Falls, Tex. Mast head. 2,186,720; Jan. 9.
Edwards, William S. (See Voight, H. G., and Edwards.)
Edwards, William S., Hamden, assignor to Sargent & Company, New Haven, Conn. Door lock. 2,212,316; Aug. 20.
Edwin, Eric, and M. Peterson, Denver, Colo. Device for grinding eccentricity in pistons. 2,189,242; Feb. 6.
Edwin, Eric, and M. Peterson, Denver, Colo. Eccentric head for cam grinding pistons. 2,221,080; Nov. 12.
Eek, Albin C., Webster Groves, and E. F. Huhn, Cape Girardeau, Mo., assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for operating upon stitchdown shoes. 2,226,754; Dec. 31.
Eerhard, Casper. (See Eerhard, J. M. and C., and Aandewiel.)
Eerhard, Johannes M., Wassenaar, C. Eerhard, The Hague, and C. J. Aandewiel, assignors to Handelsvennootschap Onder de Firma Eerhard-Aandewiel, Wassenaar, Netherlands. Device for removing plaster casts or bandages. 2,220,223; Nov. 5.
Efco Manufacturing Company. (See Friedman, Irving, assignor.)
Efron, George, New York, N. Y. Photoelectric controlling device. 2,211,320; Aug. 13.
Egan, Dan J., et al. (See Shackelford, George A., assignor.)
Egan, Mathew M., Fort Worth, Tex. Propeller driving mechanism. 2,185,545; Jan. 2.
Egbert, Ivan R., Arco, Idaho. Urethral catheter. 2,213,210; Sept. 3.
Ege, Elmer G., Kansas City, Mo., and F. Winans, Baton Rouge, La., assignors to Jenkins Music Company, Kansas City, Mo. Piano pedal operating attachment. 2,213,800; Sept. 3.
Egenas, Severin L., assignor of one-half to H. Hille and one-fourth to M. W. Hille, Chicago, Ill. Flush tank. 2,199,068; Apr. 30.
Egenas, Severin L., assignor to H. Hille, Chicago, Ill. Aerial navigation. 2,202,987; June 4.
Eger, Ernst, Grosse Pointe Park, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Bonding olefin polysulphide plastics to flexible bases. 2,197,127; Apr. 16.
Egerland, Wolfgang, Berlin, assignor to Siemens and Halske Aktiengesellschaft, Berlin-Siemensstadt, Germany. Variable condenser. 2,210,029; Aug. 6.
Egerton, Alfred C. G., London, England. Method of preventing the formation of gumlike products in oils. 2,195,167; Mar. 26.
Egerton, Alfred C. G., London, England. Preventing the formation of gum-like products in oils. 2,209,646; July 30.
Egry Register Company, The. (See Howe, William R., assignor.)
Egry Register Company, The. (See Stern, Milton C., assignor.)
Egger, Luis G., assignor to Seneca Textile Corporation, New York, N. Y. Textile fabric. 2,191,986; Feb. 27.
Eggers, Friedrich G. H. (See Kniehahn, W., and Eggers.)
Eggers, Hermann R. (See Burat, H., and Eggers.)
Eggers, Hermann R., Berlin, Germany, assignor to General Electric Company. Temperature measurement and control. 2,197,635; Apr. 16.
Eggerss, Hans A. (See Scott, Harry A., assignor.)
Eggerss, Hans A., Van Wert, Ohio. Clamping ring for containers. 2,205,135; June 18.
Eggert, Fritz. (See Kränzlein, G., Diefenbach, and Eggert.)
Eggert, John. (See van Briessen, K., and Eggert.)
Eggert, John, Leipzig-Gohlis, and A. Fröhlich, Dessau, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Production of colored photographic pictures. 2,186,717; Jan. 9.
Eggert, John, Leipzig, and G. Heymer, Wolfen, Kreis Bitterfeld, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Apparatus for projecting color films. 2,194,591; Mar. 26.
Eggert, John, Leipzig, and A. Küster, Dessau-Haideburg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing sound films. 2,196,110; Apr. 2.
Eggert, John, Leipzig, and H. F. Nissen, Dessau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Electromagnetic apparatus for controlling beams of light. 2,197,466; Apr. 16.
Eggert, John, Leipzig-Gohlis, and G. Heymer, Wolfen Kreis Bitterfeld, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Photographic printing. 2,204,074; June 11.
Eggert, John, Leipzig, and H. F. Nissen, Dessau, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Picture sound film. 2,204,668; June 18.
Eggert, John, Leipzig, and G. Heymer, Wolfen, Kreis Bitterfeld and W. Schultze, Dessau in Anhalt, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Production of Photographic color sound films. 2,207,916; July 16.
Eggert, John, Leipzig-Gohlis, A. von Biehler, Dessau, and G. Heymer, Wolfen, Kreis Bitterfeld, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Multipack photography. 2,208,754; July 23.
Eggert, John, Leipzig, and H. F. Nissen, Dessau, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Exposure control. 2,209,196; July 23.
Eggert, John, Leipzig-Gohlis, and G. Heymer, Wolfen, Kreis Bitterfeld, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Color photography. 2,210,146; Aug. 6.
Eggert, John, Leipzig, and G. Heymer, Wolfen, Kreis Bitterfeld, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Production of photographic multi-color pictures. 2,210,905; Aug. 13.
Eggert, John, Leipzig, and G. Heymer, Wolfen, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Equalization of photographic band films. 2,215,578; Sept. 24.
Eggert, John, Leipzig-Gohlis, and B. Wendt, Dessau in Anhalt, Germany, assignors, by mesne assignments, to W. H. Duisberg, New York, N. Y. Sheet material. 2,222,532; Nov. 19.
Eggleston, Lewis W., assignor to Detroit Lubricator Company, Detroit, Mich. Vacuum air valve. 2,208,181; July 16.
Eggleston, Smith, St. Paul, assignor to Standard Conveyor Company, North St. Paul, Minn. Brake and accelerator for conveyers. 2,194,219; Mar. 19.
Egli, Adolf, Eywood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine apparatus. 2,197,521; Apr. 16.
Egli, Albert, Como, Italy. Guide mechanism for rolling shutters and the like. 2,220,756; Nov. 5.
Egli, Ernst, Turbenthal, assignor to Boller, Winkler & Co., Turbenthal (im Grund), Zurich, Switzerland. Manufacture of full-cross gauze fabrics. 2,187,540; Jan. 16.
Egloff, Gustav, and C. L. Thomas, assignors to Universal Oil Products Company, Chicago, Ill. Multistage catalytic conversion of hydrocarbons. 2,214,455; Sept. 10.
Egloff, Hans C., assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Steam drive plant for vehicles. 2,193,863; Mar. 19.

Ego, George R., Brantford, Ontario, assignor to Massey-Harris Company Ltd., Toronto, Ontario, Canada. Forecarriage plow. 2,206,947; July 9.
Egoroff, Mstislav N., Chevy Chase, Md. Building construction. 2,218,694; Oct. 22.
Egry Register Company, The. (See Pfeiffer, William C., assignor.)
Egy, Willard L., assignor to W. & L. E. Gurley, Troy, N. Y. Vernier microscope. 2,188,038; Jan. 23.
Ehinger, Carl F., assignor, by mesne assignments, to P. B. Hunt, Cleveland, Ohio. Crankcase flushing machine. 2,200,876; May 14.
Ehlers, Carl H., Upper Darby, Pa. Valve. 2,224,147; Dec. 10.
Ehlers, George M. (See Stoekle, E. R., and Ehlers.)
Ehlers, George M., assignor to Globe-Union Inc., Milwaukee, Wis. Fixed resistor. 2,213,067; Aug. 27.
Ehlers, Russell W. (See Fessler, A. H., Schwartzwalder, and Ehlers.)
Ehlers, Russell W., Flint, assignor to General Motors Corporation, Detroit, Mich. Mineral wool binder. 2,195,272; Mar. 26.
Ehman, Philip J., and W. O. Walker, assignors to Ansul Chemical Company, Marinette, Wis. Dispersible hydrophilic sulphur. 2,201,124; May 14.
Ehman, Roy G., Brackenridge, and H. F. Hitner, Oakmont, Pa., assignors to Pittsburgh Plate Glass Company. Electrode for glass melting furnace. 2,209,515; July 30.
Ehmann, Leslie G., assignor to Electric Steel Foundry Company, Portland, Oreg. Connecting link. 2,226,735; Dec. 31.
Ehnts, Fred H., assignor to Keystone Lubricating Company, Philadelphia, Pa. Lubricating nozzle. 2,217,736; Oct. 15.
Ehnts, Fred H., Lansdowne, assignor to Keystone Lubricating Company, Philadelphia, Pa. Lubricating fitting. 2,217,737; Oct. 15.
Ehnts, Fred H., Lansdowne, assignor to Keystone Lubricating Company, Philadelphia, Pa. Lubricating fitting. 2,217,738; Oct. 15.
Ehnts, Fred H., Lansdowne, assignor to Keystone Lubricating Company, Philadelphia, Pa. Adjustable lubricating fitting. 2,217,739; Oct. 15.
Ehnts, Fred H., Lansdowne, assignor to Keystone Lubricating Company, Philadelphia, Pa. Lubricating fitting. 2,217,740; Oct. 15.
Ehrenfried, George, assignor to Eastman Kodak Company, Rochester, N. Y. Color correction. 2,203,652; June 4.
Ehrenzweig, Seymour S., Brooklyn, N. Y. Protected card file. 2,187,113; Jan. 16.
Ehret, Clement, White Plains, N. Y. Stove. 2,197,969; Apr. 23.
Ehret, Clement, White Plains, N. Y. Portable dish washer and drier. 2,212,559; Aug. 27.
Ehret, Clement, White Plains, N. Y. Stove support. 2,221,445; Nov. 12.
Ehret, Clement, White Plains, N. Y. Safety device for motor vehicles. 2,223,097; Nov. 26.
Ehret, Clement, White Plains, N. Y. Stove. 2,226,925; Dec. 31.
Ehrgott, Karl, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric steam generator. 2,200,265; May 14.
Ehrhart, Eugene H. (See Sanchez, P., and Ehrhart.)
Ehrhart, Gustav. (See Bockmühl, M., and Ehrhart.)
Ehrhart, Gustav. (See Bockmühl, M., Ehrhart, and Ruschig.)
Ehrhart, Gustav. (See Bockmühl, M., Ehrhart, Ruschig, and Aumüller.)
Ehrick, William F., and R. A. Garverick, assignors to The Marion Metal Products Company, Marion, Ohio. Dumping mechanism for truck bodies. 2,192,128; Feb. 27.
Ehrke, Louis F. (See Slack, C. M., and Ehrke.)
Ehrke, Louis G., Winona, Minn. Lifting jack. 2,213,084; Aug. 27.
Ehrler, Theobald. (See Harder, K. M., and Ehrler.)
Ehrler, Theobald, and K. M. Harder, Hamburg, assignors to Bauer & Schaurte, Neuss-on-the-Rhine, Germany. Electrical gauge for measuring lengths. 2,215,148; Sept. 17.
Ehrlich, Irving J. (See Ehrlich, Joseph C. and I. J.)
Ehrlich, John C., Brooklyn, N. Y. Indexing device. 2,215,465; Sept. 24.
Ehrlich, John C., Brooklyn, N. Y. Indexing device. 2,215,466; Sept. 24.
Ehrlich, Joseph C., New York, N. Y. Specimen case. 2,205,686; June 25.
Ehrlich, Joseph C. and I. J., New York, N. Y. Cabinet for filing microscopic slides. 2,202,047; May 28.
Ehrlich, Leo, Bronx, N. Y. Adjustable floor squeegee. 2,197,927; Apr. 23.
Ehrlich, Maximilian, Cedarhurst, N. Y. Head hood sealing device. 2,214,017; Sept. 10.
Ehrlich, Rose, New York, N. Y. Sunglasses. 2,225,625; Dec. 24.
Ehrman, Herbert H., Canton, Ohio, assignor to York Ice Machinery Corporation, York, Pa. Distributor for baudelot coolers. 2,194,014; Mar. 19.
Ehrsam, J. B., & Sons Manufacturing Company, The. (See Rosenleaf, John R., assignor.)
Eiber, Harry E., and L. M. Druckenbrod, assignors to The Austin Company, Cleveland, Ohio. Building construction. 2,205,519; June 25.
Eibert, Fritz, Dresden, Germany. Motor driven carriage return mechanism for typewriters. 2,189,942; Feb. 13.
Eich, August L., Chicago, Ill. Shoe construction. 2,210,332; Aug. 6.
Eich, Frank A., Melrose, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Manufacture of shoes. 2,200,385; May 14.
Eich, Frank A., Melrose, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Apparatus for operating upon the heel portions of shoes. 2,200,386; May 14.
Eichberg, Friedrich, Keedysville, Md., assignor to General Electric Company. Electric power transmission system. 2,224,645; Dec. 10.
Eichberg, Glenn R., and S. M. Kerrison, San Francisco, Calif. Wrapper. 2,213,758; Sept. 3.
Eichel, Helmut. (See Hopff, H., Eichel, and Schoenherr.)
Eichelberg, Edmund, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Switching arrangement. 2,201,031; May 14.
Eichelberg, Gustav, Zurich, Switzerland. Air valve for compressors and the like. 2,199,307; Apr. 30.
Eichelberg, Gustav, Zurich, Switzerland. Cylinder head for four-stroke internal combustion engines. 2,215,579; Sept. 24.
Eichelberger, Edward, St. Louis, Mo. Piston for air compressors and gas engines. 2,208,898; July 23.
Eichelberger, Gilbert R., and C. D. Altick, Dayton, Ohio, and V. Wade, Fairmont, W. Va., assignors to The Weston Paper and Manufacturing Company, Dayton, Ohio. Insulating board and plaster base. 2,215,241; Sept. 17.
Eichelsdoerfer, Theodore P., Rock Island, Ill., and J. W. Beck, Cedar Rapids, Iowa. Flag and banner holder. 2,209,875; July 30.
Eicher, Pearl, near North Canton, Ohio. Curl clip. 2,201,719; May 21.
Eichholz, Bruno, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Neutralized amplifier. 2,207,788; July 16.
Eichhorn, Frank G., assignor to The Lehon Company, Chicago, Ill. Roofing. 2,190,654; Feb. 20.
Eichhorn, Frank G., assignor to The Lehon Company, Chicago, Ill. Making roofing. 2,199,660; May 7.
Eichler, Armin. (See Altwegg, H., and Eichler.)
Eichler, Ulrich, Glashutte, Germany. Motor driven calculating machine. 2,215,263; Sept. 17.
Eichner, Ferdinand R., assignor to Yellow Truck & Coach Manufacturing Company, Pontiac, Mich. Connector strip. 2,189,137; Feb. 6.
Eichner, Ferdinand R., assignor to Yellow Truck & Coach Manufacturing Company, Pontiac, Mich. Rubber mounting. 2,189,138; Feb. 6.
Eichthaler, Jennie, Broadwater, Nebr. Sectional spring mattress. 2,203,950; June 11.
Eichwald, Egon, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Manufacturing viscous products suitable for lubrication. 2,196,670; Apr. 9.
Eickemeyer, Adolf, and A. Behrens, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Coupling means for ultra-short waves. 2,194,696; Mar. 26.
Eickemeyer, Henry, Jersey City, N. J., assignor, by mesne assignments, to American Safety Razor Corporation, Brooklyn, N. Y. Electric motor for shaving devices. 2,212,858; Aug. 27.
Eicken, Hermann, Cologne-Lindenthal, Germany. Spraying appliance. 2,209,261; July 23.
Eickman, Walter C., Dayton, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Paper clamp. 2,186,136; Jan. 9.
Eickman, Walter C., Dayton, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Paper cutter. 2,187,827; Jan. 23.
Eickman, Walter C., Dayton, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Guard for paper cutters. 2,199,743; May 7.
Eickman, Walter C., Dayton, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Paper trimmer 2,208,966; July 23.
Eickman, Walter C., Dayton, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Power back gauge. 2,213,068; Aug. 27.
Eickman, Willis E., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,204,848; June 18.
Eickmeyer, Earl E., assignor to The Dayton Pump and Manufacturing Company, Dayton, Ohio. Plated storage tank and making. 2,186,285; Jan. 9.
Eickstaedt, Edwin A. C., West Allis, assignor to Chain Belt Company, Milwaukee, Wis. Water supply system for concrete mixers. 2,222,346; Nov. 19.
Eidco, Inc. (See Hokanson, Martin, assignor.)
Eigenbrot, John L., Upper Darby, assignor to Westmoreland Coal Company, Philadelphia, Pa. Preparing coal. 2,189,711; Feb. 6.
Eigenheer, Jakob, assignor to Belmag Zurich, Beleuchtungs- und Metallindustrie A.-G., Zurich, Switzerland. Ski binding. 2,216,662; Oct. 1.
Eilers, Charles A. (See Schwarz, H., and Eilers.)
Eilers, Fred G., Mooreland, Okla. Oiling system. 2,199,912; May 7.
Eilert, Walter O., Furly, Kans. Convertible rack for trucks or the like. 2,224,126; Dec. 10.

Eimco Corporation, The. (See Peterson, Clarence J., assignor.)
Eimco Corporation, The. (See Royle, Edwin B., assignor.)
Eimco Corporation, The. (See Stevens, John W., assignor.)
Einermann, Frederick, Ramsey, N. J. Flag holder. 2,225,103; Dec. 17.
Einfalt, George, Nuremberg, Germany. Toy dancing figure. 2,195,083; Mar. 26.
Einhorn, Nathan, Philadelphia, Pa. Musical instrument and valve action therefor. 2,211,770; Aug. 20.
Einig, Josef, Berlin-Friedrichshagen, Germany, assignor to Sherka Chemical Co. Inc., Bloomfield, N. J. Luminous material and intensifying screen for X-rays and manufacturing the same. 2,220,894; Nov. 12.
Einig, Josef, Berlin-Friedrichshagen, and G. Stahlberg, Berlin-Grunau, Germany, assignors, by mesne assignments, to Schering Corporation, Bloomfield, N. J. Luminous material and manufacturing the same. 2,202,048; May 28.
Eipper, Daniel C., assignor to The Moline Tool Company, Moline, Ill. Retractable tool holder. 2,211,321; Aug. 13.
Eirich, Gustav. (See Eirich, Joseph and G.)
Eirich, Joseph and G., Hardheim, Nordbaden, Germany. Disk mill. 2,218,876; Oct. 22.
Eischeid, Henry J. (See Westendorf, Henry, assignor.)
Eisele, Albert, Berlin-Charlottenburg, Germany. Magnet. 2,224,954; Dec. 17.
Eisele, Andrew, Detroit, Mich. Gauge. 2,192,900; Mar. 12.
Eisele, Felix, Rabenstein, near Chemnitz, assignor to Wanderer-Werke vorm. Winklhofer & Jaenicke Akt.-Ges., Siegmar-Schonau, Germany. Mechanism for eliminating backlash. 2,224,257; Dec. 10.
Eisele, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Tone control. 2,217,267; Oct. 8.
Eiselt, Willy, Siegmar, assignor to Wanderer-Werke vorm. Winklhofer & Jaenicke Akt.-Ges., Schonau-Chemnitz, Germany. Typewriter. 2,193,511; Mar. 12.
Eiseman, John K., Memphis, Tenn., assignor to Memphis Paper Company. Collar holder. 2,221,673; Nov. 12.
Eiseman-Kaye Company. (See Cline, Melvin H., assignor.)
Eisemann Magneto Corporation. (See Purdy, E. M., and Tabb, assignors.)
Eisemann Magneto Corporation. (See Tabb, W. T., and Purdy, assignors.)
Eisen, Carl, et al. (See Wright, Peter, assignor.)
Eisen, David, Hoboken, N. J. Combination chair and bed. 2,207,216; July 9.
Eisen, Florence, et al. (See Seinfeld, L., and Weiss.)
Eisen, Jay B., Yonkers, assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y. Container closure. 2,188,942; Feb. 6.
Eisenberg, Charles G., Jr., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Side dump vehicle. 2,194,068; Mar. 19.
Eisenberg, George M., assignor to American Decalcomania Company, Inc., Chicago, Ill. Stamp, label, and the like. 2,225,520; Dec. 17.
Eisenberg, Irwin W., assignor, by mesne assignments, to J. E. Johnson, Chicago, Ill. Lamp control circuit. 2,188,263; Jan. 23.
Eisenberg, Jack B., Bronx, N. Y. Corner fastening for beds. 2,206,602; July 2.
Eisenberg, Tobias, assignor of one-half to M. M. Marks, Philadelphia, Pa. Garment form. 2,205,136; June 18.
Eisenhand, Edna T., et al., coexecutor. (See Traylor, John A.)
Eisenhand, Edna T., et al., co-executors. (See Traylor, John A., assignor.)
Eisenhauer, Edward, Jr., Los Angeles, Calif. Treating lead oxidized ores. 2,225,626; Dec. 24.
Eisenhauer, Garth L. (See Boyd, J. B., and Eisenhauer.)
Eisenhūt, Aūgūst. (See Pier, M., Boente, and Eisenhūt.)
Eisenhūt, Aūgūst. (See Pier, M., Christmann, Eisenhūt, and Hirschberger.)
Eisenhut, Hugo, and H. Eales, assignors to the firm Carl Zeiss, Jena, Germany. Light modulating system. 2,206,169; July 2.
Eisenhut, Otto. (See von Weinberg, A., Rein, and Eisenhut.)
Eisenhut, Otto, Heidelberg, H. Rein, Bad Homburg, and C. Fratzer, Ludwigshafen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of threads. 2,198,962; Apr. 30.
Eisenreich, Hans. (See Sauerwald, F., and Eisenreich.)
Eisenschiml, Otto, et al. (See Lawson, H. W., and Gillerlain, assignors.)
Eisensmith, William F., Penns Grove, N. J. Load bracing device. 2,204,075; June 11.
Eisenstaedt, Edgar I., Chicago, Ill., now by judicial change of name E. I. Emerson. Organic compound and producing the same. 2,194,201; Mar. 19.
Eisenstein, Frieda P., et al. (See Hohman, C. J., and Riback, assignors.)
Eisenstein, Nathan, West Hempstead, Long Island, N. Y. Nailing machine. 2,214,738; Sept. 17.
Eisinga, Dirk, assignor to National Steel Construction Co., Seattle, Wash. Thermostatic switch and safety device. 2,223,359; Dec. 3.
Eisinga, Dirk, assignor to National Steel Construction Co., Seattle, Wash. Thermostatic switch. 2,224,015; Dec. 3.
Eisinger, Rudolph J., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooling apparatus. 2,190,171; Feb. 13.
Eisler Electric Corporation. (See Kurtz, Jacob, assignor.)
Eisler, Henry G., Wilmette, assignor of one-half to R. G. Richardson and one-half to G. A. Auer, Chicago, Ill. Oil filter. 2,193,480; Mar. 12.
Eisler, Joseph D., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Photoelectric inclinometer. 2,208,147; July 16.
Eisler, Paul, Vienna, Austria. Stereoscopic television. 2,209,747; July 30.
Eismann Magneto Corporation. (See Tabb, Warner T., assignor.)
Eissmann, Erich, assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Co., Dresden, Germany. Separation apparatus. 2,186,167; Jan. 9.
Eissmann, Oswald E., Richmond, Va., assignor to "Universelle" Cigarettenmaschinenfabrik J. C. Muller & Co., Dresden, Germany. Device to straighten out raw tobacco leaves. 2,192,518; Mar. 5.
Eissner, Erich. (See Deitrich, G. H., Verbeek, and Eissner.)
Eissner, Erich. (See Verbeek, A., and Eissner.)
Eitelman, Michael A., and L. H. Flett, Hamburg, assignors to National Aniline & Chemical Company, Inc., New York, N. Y. Wetting composition. 2,221,933; Nov. 19.
Eitzen, August D., Rockville Centre, assignor to New Projection Corporation, New York, N. Y. Page printer. 2,188,896; Feb. 6.
Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Stock quotation projection machine. 2,209,393; July 30.
Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Control mechanism for quotation projecting and similar apparatus. 2,226,555; Dec. 31.
Eix, Fritz A., Los Angeles, Calif. File holding device. 2,208,837; July 23.
Ekbom, Hilmer N., Chicago, Ill., and E. Korensky, Cedar Rapids, Iowa, assignors to Link-Belt Speeder Corporation. Dipper stick for power shovels or the like. 2,216,070; Sept. 24.
Ekbom, Hilmer N., Chicago, Ill., assignor to Link-Belt Speeder Corporation. Traveling tread drive. 2,218,258; Oct. 15.
Ekholm, Herbert W., and O. Jobson, assignors to Chicago Railway Equipment Company, Chicago, Ill. Railway brake beam third and fourth point support. 2,192,965; Mar. 12.
Eklund, Harry N., New York, N. Y. Elevator control apparatus. 2,195,084; Mar. 26.
Eklund, Ivar G., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Automobile frame. 2,194,356; Mar. 19.
Eklund, Torsten, Surahammar, assignor to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Arrangement for the balancing of electrodes of electrical arc furnaces. 2,201,483; May 21.
Ekman, Albert C., Minneapolis, Minn. Draft regulator. 2,193,274; Mar. 12.
Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake control mechanism. 2,192,966; Mar. 12.
Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Dual wheel mounting. 2,195,589; Apr. 2.
Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Wheel mounting. 2,195,590; Apr. 2.
Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake ring with cooling means. 2,208,525; July 16.
Eksergian, Carolus L., Detroit, Mich., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Brake. 2,214,762; Sept. 17.
Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Annular brake structure. 2,215,420; Sept. 17.
Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake disk. 2,215,421; Sept. 17.
Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Wheel mounting. 2,217,646; Oct. 8.
Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Antiwheel slide device. 2,226,557; Dec. 31.
Eksergian, Rupen. (See Horton, R. H., and Eksergian.)
Ekstedt, Henry V., assignor to E. F. Pohl, St. Louis, Mo. Electric steam iron. 2,218,324; Oct. 15.
Ekstedt, Henry V., assignor to E. F. Pohl, St. Louis, Mo. Electric steaming iron. 2,218,325; Oct. 15.
Ekstrand, Sture O. (See Clark, J. E., Ekstrand, and Ronci.)
Ekstrom, A. Ivar, Rockford, Ill. Sewing cabinet. 2,203,563; June 4.
Ekstrom, Carlson & Co. (See Carlson, George H., assignor.)

Ekström, Herman, L. Essingen, Stockholm, Sweden. Starting burner. 2,219,414; Oct. 29.
Elam, Frederick S. (See Dunn, Alfred W., assignor.)
Elam, Nelson, and J. D. Stone, assignors to White Way Laundry, Nashville, Tenn. Starching machine. 2,206,170; July 2.
Elastic Knitted Wire Co. (See Stephens, Frank C., assignor.)
Elastic Knitted Wire Co. Inc. (See De Millar, Floyd O., assignor.)
Elastic Manufacturing Co. Ltd. (See Cosman, Claus A., assignor.)
Elastic Rail Spike Corporation. (See Kuckuck, Berthold, assignor.)
Elastic Rail Spike Corporation. (See Rüping, Max, assignor.)
Elastic Stop Nut Corporation. (See Chambers, A. M., Jr., and Jenkinson, assignors.)
Elastic Stop Nut Corporation. (See Swanstrom, Carl A., assignor.)
Elastic Stop Nut Corporation. (See Thomas, Harold B., assignor.)
Elb Products, Inc. (See Benedict, Edward L., assignor.)
Elbel, Ernst, and F. Seebach, Erkner, near Berlin, Germany, assignors, by mesne assignments, to Behr-Manning Corporation, Troy, N. Y. Manufacture of abrasive articles. 2,188,341; Jan. 30.
Elberty, Robert S., Jr. (See Arnold, E. E., and Elberty.)
Elder, Flint C., Cleveland Heights, Ohio. Metal article and method of production. 2,192,901; Mar. 12.
Elder, Flint C., Cleveland Heights, Ohio. Composite transmission line. 2,193,090; Mar. 12.
Elder, Frank R., Schenectady, N. Y., assignor to General Electric Company. Electric power transmission system. 2,208,182; July 16.
Elder, Frederick, Valley City, Ill. Assembled engine piston. 2,221,966; Nov. 19.
Elder, John W., Binghamton, N. Y. Advertising band. 2,194,220; Mar. 19.
Elder, Thomas A., Scotia, N. Y., assignor to General Electric Company. Thermionic cathode structure. 2,201,720; May 21.
Elder, Thomas A., Scotia, N. Y., assignor to General Electric Company. Thermionic cathode structure. 2,201,721; May 21.
Elderkin, Clair T., Zamora, Calif., assignor, by mesne assignments, to Miller Manufacturing Company. Pulverizer. 21,523; Aug. 6.
Eldredge, Boynton, Seattle, Wash. Vending machine. 2,194,893; Mar. 26.
Eldridge, Robert W. (See ter Horst, W. P., and Eldridge.)
Electra Corporation. (See Wilson, Carroll L., assignor.)
Electric Arc Cutting & Welding Company. (See Holslag, Claude J., assignor.)
Electric Controller & Manufacturing Company, The. (See Szabo, William F., assignor.)
Electric Controller & Manufacturing Company, The. (See Ward, Arthur L., assignor.)
Electric Furnace Company, The. (See Cope, Frank T., assignor.)
Electric Household Utilities Corporation. (See Beattie, John P., assignor.)
Electric Household Utilities Corporation. (See Gerhardt, Andrew H., assignor.)
Electric Household Utilities Corporation. (See Hume, John T., assignor.)
Electric Household Utilities Corporation. (See Jensen, Joseph W., assignor.)
Electric Household Utilities Corporation. (See Lidseen, Gustave, assignor.)
Electric Household Utilities Corporation. (See Schroeder, Simon E., assignor.)
Electric Machinery Mfg. Company. (See Swanson, Edwin W., assignor.)
Electric Motor Control Co. (See Jensen, Raymond J., assignor.)
Electric & Musical Industries Limited. (See Banfield, Bernard J., assignor.)
Electric & Musical Industries, Ltd. (See Bentley, Lawrence C., assignor.)
Electric & Musical Industries, Limited. (See Blumlein, Alan D., assignor.)
Electric & Musical Industries Limited. (See Blumlein, A. D., and White, assignors.)
Electric & Musical Industries, Ltd. (See Bowman-Manifold, Michael, assignor.)
Electric and Musical Industries Limited. (See Broadway, L. F., and Klemperer, assignors.)
Electric & Musical Industries Limited. (See Broadway, L. F., and Tedham, assignors.)
Electric & Musical Industries Limited. (See Browne, C. O., and Blythen, assignors.)
Electric & Musical Industries Limited. (See Browne, C. O., Hardwick, Blythen, and White, assignors.)
Electric & Musical Industries Limited. (See Bull, Cabot S., assignor.)
Electric & Musical Industries Limited. (See Bull, C. S., and Keyston, assignors.)
Electric & Musical Industries Limited. (See Condliffe, George E., assignor.)
Electric & Musical Industries Limited. (See Cooper, Arthur H., assignor.)
Electric & Musical Industries Limited. (See Cork, E. C., Bowman-Manifold, and Faudell, assignors.)
Electric & Musical Industries Limited. (See Cork, E. C., Bowman-Manifold, and Pawsey, assignors.)
Electric & Musical Industries Limited. (See Cork, E. C., and Pawsey, assignors.)
Electric & Musical Industries Limited. (See Cox, Harold W., assignor.)
Electric & Musical Industries Limited. (See Faudell, Charles L., assignor.)
Electric & Musical Industries Limited. (See Faudell, C. L., Spencer, and James, assignors.)
Electric & Musical Industries Limited. (See Faudell, C. L., and White, assignors.)
Electric & Musical Industries Limited. (See Freeman, George S. P., assignor.)
Electric & Musical Industries Limited. (See Hardwick, J., Blythen, and White, assignors.)
Electric & Musical Industries Limited. (See Hardwick, J., and White, assignors.)
Electric & Musical Industries, Limited. (See Holman, Herbert E., assignor.)
Electric & Musical Industries, Ltd. (See Keyston, John E., assignor.)
Electric & Musical Industries Limited. (See Klemperer, Otto, assignor.)
Electric & Musical Industries Limited. (See Landmann, Alexander, assignor.)
Electric & Musical Industries Limited. (See Lett, Frederic T., assignor.)
Electric & Musical Industries Limited. (See Lubszynski, Hans G., assignor.)
Electric & Musical Industries Limited. (See Lubszynski, H. G., and Miller, assignors.)
Electric & Musical Industries Limited. (See McGee, J. D., Freeman, and Brown, assignors.)
Electric & Musical Industries Limited. (See McGee, J. D., Lubszynski, and Blythen, assignors.)
Electric & Musical Industries Limited. (See Metcalfe, Clifford, assignor.)
Electric & Musical Industries Limited. (See Miller, Harold, assignor.)
Electric & Musical Industries Limited. (See Nicoll, Frederick H., assignor.)
Electric & Musical Industries Limited. (See Nicoll, F. H., and Mayo, assignors.)
Electric & Musical Industries Limited. (See Percival, William S., assignor.)
Electric & Musical Industries Limited. (See Strange, J. W., and Connell, assignors.)
Electric & Musical Industries Limited. (See White, Eric L. C., assignor.)
Electric & Musical Industries Limited. (See White, E. L. C., and Blumlein, assignors.)
Electric & Musical Industries Limited. (See White, E. L. C., and Faudell, assignors.)
Electric & Musical Industries Limited. (See White, E. L. C., and Harker, assignors.)
Electric & Musical Industries Limited. (See White, E. L. C., and Ratsey, assignors.)
Electric & Musical Industries Limited. (See Willans, P. W., Percival, White, and Osborne, assignors.)
Electric Razor Corporation. (See Khalil, Seyed, assignor.)
Electric Selectors Limited. (See Horsfield, Walter R., assignor.)
Electric Service Supplies Company, The. (See McFarlin, John R., assignor.)
Electric Sorting Machine Company. (See Cox, David C., assignor.)
Electric Steel Foundry Company. (See Ehmann, Leslie G., assignor.)
Electric Steel Foundry Company. (See Younie, Lewis E., assignor.)
Electric Storage Battery Company, The. (See Galloway, Charles D., assignor.)
Electric Storage Battery Company, The. (See Hall, Clarence A., assignor.)
Electric Storage Battery Company, The. (See Hodge, Carroll, assignor.)
Electric Storage Battery Company, The. (See Longaker, Edgar, assignor.)
Electric Storage Battery Company, The. (See Phillips, Joseph L., assignor.)
Electric Storage Battery Company, The. (See Smith, Edward W., assignor.)
Electric Storage Battery Company, The. (See Smith, E. W., and Hall, assignors.)
Electric Storage Battery Company, The. (See West, George H. B., assignor.)
Electric Switch Corporation. (See Staley, Joseph H., assignor.)
Electric Tamper & Equipment Company. (See Swarthout, Gerald F., assignor.)
Electric Traps, Inc. (See Ford, Benjamin F., assignor.)
Electric Vacuum Cleaner Company. (See Dunbar, Ralph E., assignor.)
Electric Vacuum Cleaner Company. (See Lang, Henry T., assignor.)
Electrical Development Co. Inc. (See Hodges, Vera C., assignor.)
Electrical Development Co. Inc. (See Speer, Grant G., Jr., assignor.)
Electrical Engineering Equipment Co. (See Hoye, Peder B., assignor.)

Electrical Engineers Equipment Company. (See Farrell, Fred, assignor.)
Electrical Fono-Film Co., A/S. (See Schlegel, Karl H. F., assignor.)
Electrical and Musical Industries Limited. (See Blumlein, Alan D., assignor.)
Electrical & Musical Industries Limited. (See Bowman-Manifold, M., Cork, and Browne, assignors.)
Electrical & Musical Industries Ltd. (See Lubszynski, Hans G., assignor.)
Electrical & Musical Industries Limited. (See Percival, William S., assignor.)
Electrical Products Corporation. (See Owen, Harold R., assignor.)
Electrical Research Laboratories, Inc. (See De Vito, A., and Liessman, assignors.)
Electrical Research Laboratories Inc. (See Masters, Eugene W., assignor.)
Electrical Research Laboratories, Inc. (See Schnell, William J., assignor.)
Electrical Research Products, Inc. (See Albersheim, Walter J., assignor.)
Electrical Research Products, Inc. (See Frayne, John G., assignor.)
Electrical Research Products, Inc. (See Keith, Clyde R., assignor.)
Electrical Research Products, Inc. (See Marton, Otis C., assignor.)
Electrical Research Products, Inc. (See Stanton, G. T., and Tweeddale, assignors.)
Electrical Testing Laboratories. (See Little, William F., assignor.)
Electrical Testing Laboratories. (See Millar, P. S., and Gray, assignors.)
Electricitatsgesellschaft "Sanitas", G. m. b. H. (See Helbig, Adolf, assignor.)
Electricooker, Inc. (See Bushway, George H., assignor.)
Electricooker, Inc. (See Husk, Harry M., assignor.)
Electrix Corporation. (See Herman, William P., assignor.)
Electrix Corporation. (See Knapp, Andrew S., assignor.)
Electroacustic Gesellschaft mit beschränkter Haftung. (See Uhing, Joachim, assignor.)
Electro-Alloys Company, The. (See Miller, A. M., and Lightle, assignors.)
Electro-Chemical Engineering Corporation. (See Gunderson, L. O., and Carrick, assignors.)
Electro-Copyst, Inc. (See Szasz, Geza, assignor.)
Electro-Gas Corporation. (See Nolan, Frank J., assignor.)
Electrographic Corporation. (See Hungay, George W., assignor.)
Electrol Incorporated. (See Andler, Robert F., assignor.)
Electrol Incorporated. (See Andler, R. F., and Koeln, assignors.)
Electrol Incorporated. (See Andler, R. F., and Schroeder, assignors.)
Electrol S. A. (See Posada Zendejas, Eduardo, assignor.)
Electroline Company. (See Berndt, A. A., and Nycum, assignors.)
Electrolux Corporation. (See Barrner, Jacob E., assignor.)
Electrolux Corporation. (See Björkman, Gustaf E., assignor.)
Electrolux Corporation. (See Brown, Charles L., Jr., assignor.)
Electrolux Corporation. (See Bruce, Olov W., assignor.)
Electrolux Corporation. (See Cranmer, George H., assignor.)
Electrolux Corporation. (See Doughman, Ferman C., assignor.)
Electrolux Corporation. (See Edstrom, Johan E. V., assignor.)
Electrolux Corporation. (See Ell, Lars J. F., assignor.)
Electrolux Corporation. (See Ellis, Philip B., assignor.)
Electrolux Corporation. (See Eriksson-Jons, Anders, assignor.)
Electrolux Corporation. (See Forsberg, Axel A., assignor.)
Electrolux Corporation. (See Groth, Erland, assignor.)
Electrolux Corporation. (See Hansson, Erik O. H., assignor.)
Electrolux Corporation. (See Heuberger, Josef F., assignor.)
Electrolux Corporation. (See Kandetzki, Albert W., assignor.)
Electrolux Corporation. (See Karlström, Fredrik J. R., assignor.)
Electrolux Corporation. (See Lofgren, Gustaf E., assignor.)
Electrolux Corporation. (See Lofgren, G. E., and Brown, assignors.)
Electrolux Corporation. (See Lynger, Erik S., assignor.)
Electrolux Corporation. (See Stevens, C. E., and Brown, assignors.)
Electrolux Corporation. (See Thunberg, Sigurd F., assignor.)
Electro Metallurgical Company. (See Becket, F. M., and Franks, assignors.)
Electro Metallurgical Company. (See Brennan, Joseph H., assignor.)
Electro Metallurgical Company. (See Crafts, Walter, assignor.)
Electro Metallurgical Company. (See Critchett, J. H., and Crafts, assignors.)
Electro Metallurgical Company. (See Doom, Ernest F., assignor.)
Electro Metallurgical Company. (See Doom, E. F., and Priestley, assignors.)
Electro Metallurgical Company. (See Erasmus, H. W. B. de W., and Cormack, assignors.)
Electro Metallurgical Company. (See Franks, Russell, assignor.)
Electro Metallurgical Company. (See Kinzel, Augustus B., assignor.)
Electro Metallurgical Company. (See Murphy, A. J., and Wells, assignors.)
Electro Metallurgical Company. (See Seybolt, Alan U., assignor.)
Electro-Metallurgical Company. (See Valenta, Emanuel, assignor.)
Electro-Motive Manufacturing Co. (See Flanzer, Joseph A., assignor.)
Electronic Research Corporation. (See Bennett, Willard H., assignor.)
Electronic Research Corporation. (See Slayter, Games, assignor.)
Electrons, Inc. (See Edwards, Donald V., assignor.)
Electrons, Inc. (See Meyer, F., and Spanner, assignors.)
Electrons, Inc. (See Smith, Earl K., assignor.)
Electro-Refractories & Alloys Corporation. (See Borge, Johan, assignor.)
Elektro-Metallurgische Apparatebau Aktiengesellschaft. (See Maier, Rudolf, assignor.)
Elenbaas, Willem. (See de Boer, J. H., Elenbaas, Dorgelo, and Lemmens.)
Elenbaas, Willem. (See Dorgelo, E. G., Elenbaas, Lemmens, and Jansen.)
Elenbaas, Willem, Eindhoven, Netherlands, assignor to General Electric Company. Artificial illumination. 2,200,951; May 14.
Elevator Supplies Company. (See Bruestle, Carl O., assignor.)
Elf, J. E., C. E. Lucas, and T. Christie, Rochester, N. Y. Drilling machine. 2,214,665; Sept. 10.
Elf, J. E., C. E. Lucas, and T. Christie, Rochester, N. Y. Drilling machine. 2,214,666; Sept. 10.
Elgh, Stanley B., assignor to Koehring Company, Milwaukee, Wis. Collapsible A-frame structure for shovels, cranes, or the like. 2,186,372; Jan. 9.
Elgin Butter Tub Company. (See Schmidt, Robert E., assignor.)
Elgin Softener Corporation. (See McCanna, Edward P., assignor.)
Elgin Sweeper Company. (See Evans, Ronald C., assignor.)
Elian, Arthur J., and C. F. Parraga, Mexico, D. F., Mexico, assignors to Vacuum Process Extraction Corporation. Ore extraction. 2,226,164; Dec. 24.
Elias, Abraham. (See Anderton, James J., assignor.)
Eliason, Oscar C., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ventilator. 2,218,330; Oct. 15.
Elin A. G. für Elektrische Industrie. (See Weigner, Otto, assignor.)
"Elin" Aktiengesellschaft für Elektrische Industrie. (See Rosenberg, Emanuel, assignor.)
Eliot, Samuel, Newton, Mass. Motor vehicle. 2,202,689; May 28.
Elite-Diamantwerke Aktiengesellschaft. (See Mehnert, Volkhart W., assignor.)
Eljer Company. (See Kaufman, Tobias J., assignor.)
Elk Paper Manufacturing Company. (See Burrill, Harold G., assignor.)
Elkan, Fritz. (See Haffner, Hermann, assignor.)
Elkin, Manuel H., Elmira Heights, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Engine starter control. 2,202,550; May 28.
Elkin, Manuel H., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter control. 2,213,160; Aug. 27.
Elkin, Newton. (See Ayers, Fred L., assignor.)
Elkington, Vivian, Dover, England. Manhole cover and frame. 2,194,221; Mar. 19.
Elkins, Alvie L., and C. P. Edwards, Atlanta, Ga. Rug dusting machine. 2,209,647; July 30.
Ell, Lars J. F., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,204,128; June 11.
Ellars, Ralph B., University Heights, Ohio. Brake. 2,213,340; Sept. 3.
Elle, Eugen, assignor of one-half to C. Lowenstein, Milan, Italy. Advertising device. 2,225,442; Dec. 17.
Elledge, Rex J., Trenton, assignor of one-half to W. A. Martin, Trenton, Mo. Burial vault. 2,188,626; Jan. 30.
Ellen, Harry J., Gila Bend, and W. W. Martin, Phoenix, Ariz. Battery terminal clamp. 2,208,791; July 23.
Ellenberger, Clarence M., Pendleton, Ind. Jack. 2,185,804; Jan. 2.
Ellendale Corporation. (See Howeth, Harry H., assignor.)
Eller, Keith B. (See Rudd, M. A., and Eller.)
Eller, Wilhelm. (See Willeke, A., and Eller.)
Ellery Products Manufacturing Co. (See Kahn, George, assignor.)
Ellestad, Gerhard A., Rochester, N. Y. Adhesive tape dispenser. 2,214,763; Sept. 17.

Ellestad, Gerhard A., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,203,408; June 4.
Elley, Harold W., and H. W. Daudt, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coloring of petroleum distillates. 2,224,904; Dec. 17.
Ellingboe, Ellsworth K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitric acid oxidation of oleic and other fatty acids. 2,203,680; June 11.
Ellingboe, Ellsworth K., and P. L. Salzberg, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition of matter. 2,190,776; Feb. 20.
Ellingboe, Ellsworth K., and J. E. Kirby, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of carboxylic acids. 2,196,357; Apr. 9.
Ellington, Alvin M., Watertown, Wis. Extensible drop-leaf table. 2,213,695; Sept. 3.
Ellington, Alvin M., Watertown, Wis. Extension table. 2,213,696; Sept. 3.
Ellingwood, Finley F., Plainfield, and S. A. Mraz, Perth Amboy, N. J., assignors, by mesne assignments, to Union Carbide and Carbon Corporation, New York, N. Y. Arbor for and forming a cored mold. 2,214,098; Sept. 24.
Elliot, Charles, Diablo, Calif. Sprinkler head. 2,211,106; Aug. 13.
Elliot, Walter. (See Dunn, J. A., and Elliot.)
Elliott Addressing Machine Company, The. (See Elliott, Harmon P., assignor.)
Elliott, Arthur W., Kingston, Ontario, Canada. Storage battery lifter and carrier. 2,219,100; Oct. 22.
Elliott, B. K., Company. (See Hinkel, Gustav A., assignor.)
Elliott, Clifton K., Bellvue Hill, New South Wales, Australia. Hydraulic shock absorber. 2,199,880; May 7.
Elliott, Douglas A., Bronxville, N. Y. Apparatus for deflecting light. 2,213,307; Sept. 3.
Elliott, Edward O., Jenkintown, Pa. Combined frame and pedestal toe arrangement for locomotives. 2,208,792; July 23.
Elliott, Harmon P., Watertown, Mass. Record printing plate for addressing machines. 2,189,104; Feb. 6.
Elliott, Harmon P., Watertown, Mass. Tray follower. 2,198,004; Apr. 23.
Elliott, Harmon P., Watertown, Mass. Record stencil. 2,198,992; Apr. 30.
Elliott, Harmon P., Watertown, Mass. Addressing machine for multisection bills. 2,206,743; July 2.
Elliott, Harmon P., Watertown, Mass. Addressing machine. 2,213,341; Sept. 3.
Elliott, Harmon P., Watertown, Mass. Addressing and statistical printing machine. 2,213,490; Sept. 3.
Elliott, Harmon P., Watertown, Mass., assignor to The Elliott Addressing Machine Company. Printing apparatus. 2,193,064; Mar. 12.
Elliott, Harmon P., Watertown, Mass., assignor to The Elliott Addressing Machine Company. Card stencil. 2,210,712; Aug. 6.
Elliott, Harmon P., Watertown, Mass., assignor to The Elliott Addressing Machine Company. Double panel card stencil. 2,210,713; Aug. 6.
Elliott, Harold E., Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Fastening inserting machine. 2,194,592; Mar. 26.
Elliott, Harold F., Palo Alto, Calif. Preselector and remote control system. 2,190,832; Feb. 20.
Elliott, Harold F., Palo Alto, Calif. Electrical communication system. 2,201,162; May 21.
Elliott, Harry C., Cincinnati, Ohio, assignor to The Mississippi Valley Barge Line Company, St. Louis, Mo. Barge loading device. 2,212,064; Aug. 20.
Elliott, Henry J., Hopewell, Va. Electric direction indicator. 2,223,678; Dec. 3.
Elliott, Howard A., assignor to Essex Wire Corporation, Detroit, Mich. Machine for applying tips to electric conductors. 2,225,739; Dec. 24.
Elliott, John A. (See Monson, Fredric H., assignor.)
Elliott, John W. (See King, J. E., and Elliott.)
Elliott, Karl K. (See Allison, Douglas, assignor.)
Elliott, Louis D., New London, Iowa. Support structure. 2,200,690; May 14.
Elliott, Lyle E., Battle Creek, Mich. Toy. 2,218,394; Oct. 15.
Elliott, Morris A., Baltimore, Md. Adapter coupling. 2,185,725; Jan. 2.
Elliott, Morris A., Baltimore, Md. Adapter coupling. 2,185,726; Jan. 2.
Elliott, Morris A., Baltimore, Md. Adapter coupling 2,207,170; July 9.
Elliott, Phillip H. (See Buffington, R. L., and Elliott.)
Elliott, Ray H., Pittsburgh, Pa. Infant's bottle holder. 2,218,311; Oct. 15.
Elliott, Raymond D., Long Beach, assignor to Lane-Wells Company, Los Angeles, Calif. Water intrusion location in oil wells. 2,210,205; Aug. 6.
Elliott, Raymond D., Long Beach, assignor to Lane-Wells Company, Los Angeles, Calif. Electric cable. 2,216,340; Oct. 1.
Elliott, Raymond D., Long Beach, Calif., assignor, by mesne assignments, to Schlumberger Well Surveying Corporation, Houston, Tex. Electrical surveying in drill holes. 2,222,608; Nov. 26.
Elliott, Theodore, Winchester, Mass. Ski binding. 2,186,479; Jan. 9.
Elliott, Walter, Caledonia, Ontario, Canada, assignor to United States Gypsum Company, Chicago, Ill. Edging device for composition boards. 2,213,442; Sept. 3.
Elliott, William, assignor to Dempster Mill Manufacturing Company, Beatrice, Nebr. Dammer attachment for furrow seeders. 2,193,275; Mar. 12.
Elliott, William H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire. 2,225,042; Dec. 17.
Ellis, Alice B., Arlington, Va. Shampoo board. 2,212,016; Aug. 20.
Ellis, Carleton, Montclair, N. J., assignor to Ellis Laboratories, Inc. Plant box. 2,188,875; Jan. 30.
Ellis, Carleton, Montclair, N. J., assignor to Standard Oil Development Company. Refining of petroleum distillates. 2,190,471; Feb. 13.
Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Urea-formaldehyde type resinous product. 2,192,129; Feb. 27.
Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Resinified soya bean oil product and making same. 2,194,894; Mar. 26.
Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Glycol-maleic acid resin and making same. 2,195,362; Mar. 26.
Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Resin and making same. 2,197,855; Apr. 23.
Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Synthetic resin and certain uses therefor. 2,198,378; Apr. 23.
Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Water softening process. 2,198,379; Apr. 23.
Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Carbonized tannin material for water softening and making same. 2,198,380; Apr. 23.
Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Water softening process. 2,198,381; Apr. 23.
Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Laminated vitriform sheet. 2,200,691; May 14.
Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Unsaturated acid glycol resin complex and making same. 2,206,171; July 2.
Ellis, Carleton, Montclair, N. J., assignor to Ellis Laboratories, Inc. Printing ink. 2,220,621; Nov. 5.
Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Glycol esters. 2,221,674; Nov. 12.
Ellis, Carleton, Montclair, N. J., assignor to Standard Oil Development Company. Contact insecticide from petroleum. 2,224,723; Dec. 10.
Ellis, Carleton, Montclair, N. J., assignor to Standard Oil Development Company. Chemical composition. 2,227,128; Dec. 31.
Ellis, Carleton, Montclair, and F. Dannerth, East Orange, assignors to Ellis Laboratories, Inc., Montclair, N. J. Stabilization of foods. 2,204,728; June 18.
Ellis, Carleton, Montclair, and F. Dannerth, East Orange, assignors to Ellis Laboratories, Inc., Montclair, N. J. Treatment of partially rancid glycerides. 2,204,729; June 18.
Ellis, Carleton, Montclair, and M. W. Swaney, Bloomfield, N. J., assignors to Ellis Laboratories, Inc. Stabilized nutrient solution. 2,223,316; Nov. 26.
Ellis, Charles A., Natick, assignor to Warren Telechron Company, Ashland, Mass. Resetting timer. 2,223,207; Nov. 26.
Ellis, Clarence R. Sausalito, Calif. Sharpening device. 2,203,951; June 11.
Ellis Corporation Patents & Investments Limited. (See Futo, Andor, assignor.)
Ellis, Daniel G., New Orleans, La., assignor to Industrial Patents Corporation, Chicago, Ill. Splitting device. 2,218,232; Oct. 15.
Ellis, Delbert, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Enclosed circuit breaker. 2,191,523; Feb. 27.
Ellis, Delbert. (See Armstrong, G. C., and Ellis.)
Ellis, Dexter B., Ogden, Utah. Linotype machine accessory. 2,226,305; Dec. 24.
Ellis, Edgar, Lorain, Ohio. Traction splint hitch. 2,198,908; Apr. 30.
Ellis, Elmer A., Medford, Mass. Gemming machine. 2,193,584; Mar. 12.
Ellis-Foster Company. (See Burrell, Harry, assignor.)
Ellis-Foster Company. (See Ellis, Carleton, assignor.)
Ellis-Foster Company. (See Lougovoy, Boris N., assignor.)
Ellis-Foster Company. (See Weber, Harry M., assignor.)
Ellis, Frampton E., Jr., Chicago, Ill. Automobile door support. 2,213,461; Sept. 3.
Ellis, Francis C., Chicago, Ill. Electrode. 2,208,023; July 16.
Ellis, Francis C., Chicago, Ill. Electrode for measuring electrolytic effects. 2,215,213; Sept. 17.
Ellis, Fred G. (See Flanders, Ervin L., assignor.)
Ellis, Frederick E. (See Anthes, L. L., Ellis, and Pallister.)
Ellis, George H. (See Olpin, H. C., and Ellis.)
Ellis, George H. (See Wesson, A. J., and Ellis.)

Ellis, George H., Spondon, near Derby, England, assignor to Celanese Corporation of America. Treatment of textile materials. 2,207,789; July 16.
Ellis, George H., New Brighton, assignor to The Insulite Company, Minneapolis, Minn. Making dense wall panels. 2,208,511; July 16.
Ellis, George H., and H. C. Olpin, Spondon, near Derby, England. Azo dyestuffs and fiber dyed therewith. 2,195,390; Mar. 26.
Ellis, George H., C. F. Topham, and H. C. Olpin, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of textile materials. 2,196,984; Apr. 16.
Ellis, George H., and H. C. Olpin, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of textile and other materials. 2,202,902; June 4.
Ellis, George H., and R. W. Moncrieff, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of textile materials. 2,221,184; Nov. 12.
Ellis, George H., and A. J. Wesson, Spondon, near Derby, England, assignors to Celanese Corporation of America. Fugitive coloration of textile materials. 2,222,798; Nov. 26.
Ellis, Grace, Staines, England. Reservoir brush. 2,224,644; Dec. 10.
Ellis, Greer, Cambridge, Mass., assignor to Magnaflux Corporation, Chicago, Ill. Detecting flaws in rigid material. 2,186,014; Jan. 9.
Ellis, Grenville B., assignor to Control Instrument Company, Brooklyn, N. Y. Telephonic unit. 2,215,782; Sept. 24.
Ellis, Guy P. and J. T., Lake Cnarles, La. Pipe cutter. 2,203,011; June 4.
Ellis, H. E. (See Flores, Raymond M., assignor.)
Ellis, Harold O., Stoneleigh, and W. H. B. Cooper, Ruislip, England. Electrical communication system. 2,207,537; July 9.
Ellis, Herbert, Shanghai, China, assignor to Linotype and Machinery Limited, London, England. Typographical slug casting machine and matrix therefor. 2,188,999; Feb. 6.
Ellis, Horace D., assignor to Murphy Radio Limited, London, England. Variable coupling of electrical oscillatory circuits. 2,189,768; Feb. 13.
Ellis, James, Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Rotary staple cutting machine. 2,221,022; Nov. 12.
Ellis, James T. (See Ellis, Guy P., and J. T.)
Ellis, James T., Lake Charles, La. Pipe cutter. 2,202,985; June 4.
Ellis, James T., Lake Charles, La. Pipe cutter. 2,202,986; June 4.
Ellis, James T., Lake Charles, La. Pipe cutter. 2,215,638; Sept. 24.
Ellis, John W., and W. J. Davidson, assignors to A. G. Blanchard, Shreveport, La. Gauge cock. 2,190,938; Feb. 20.
Ellis Laboratories, Inc. (See Ellis, Carleton, assignor.)
Ellis Laboratories, Inc. (See Ellis, C., and Dannerth, assignors.)
Ellis Laboratories, Inc. (See Ellis, C., and Swaney, assignors.)
Ellis Laboratories, Inc. (See Slaughter, Charles E., assignor.)
Ellis Laboratories, Inc. (See Swaney, Miller W., assignor.)
Ellis Laboratories, Inc. (See Whitner, Thomas C., Jr., assignor.)
Ellis, Lacoste G., and J. W. Millington, Beaumont, Tex., assignors to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Electrical prospecting apparatus. 2,197,493; Apr. 16.
Ellis, Linus M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing ethylene. 2,212,155; Aug. 20.
Ellis, Philip B., Ridley Park, Pa., assignor to Electrolux Corporation, Dover, Del. Suction cleaner. 2,210,030; Aug. 6.
Ellis, Robert L. (See Jones, R. P., and Ellis.)
Ellis, Robert M. (See Wolters, C. F., and Ellis.)
Ellis, Roy H., Orlando, Fla. Insecticide, fungicide, and germicide. 2,207,482; July 9.
Ellis, Russell S., Vineland, N. J. Separating particles of solid material by flotation. 2,223,679; Dec. 3.
Ellis, Stuart, Fredericksburg, Va. Subirrigating seed and transplanting flat. 2,223,360; Dec. 3.
Ellis, Wallace T., Angleton, Tex. Thermal control for cooling system. 2,195,697; Apr. 2.
Ellis, Walter H., Detroit, Mich. Dipper for ice cream or other usage. 2,191,524; Feb. 27.
Ellisa Company. (See De Cesare, Matteo, assignor.)
Ellison, Leslie J. (See Elsome-Jones, R. J., and Ellison.)
Ellithorpe, Clarence D., Springfield Gardens, assignor to Duplex Electric Co., New York, N. Y. Protective window construction. 2,223,169; Nov. 26.
Ellner, Hans, Stuttgart, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Agents for aftertreating dyeings of insoluble azo dyestuffs. 2,222,285; Nov. 19.
Ellor, James E., assignor to Rolls-Royce Limited, Derby, England. Exhaust pipe for internal combustion engines of aircraft. 2,192,730; Mar. 5.
Ellis, Burdick R., assignor, by mesne assignments, to H. F. and H. N. Langlois, Los Angeles, Calif., copartners doing business as Langlois Bros. Oil reclaiming apparatus. 2,210,906; Aug. 13.
Ellsasser, Martin J., Syracuse, N. Y. Cuff fastener. 2,206,082; July 2.
Ellsworth, Deane C., deceased, by J. F. Haskins, administrator, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Regenerated cellulose ether product. 2,190,445; Feb. 13.
Ellsworth, Deane C., deceased, by J. F. Haskins, Wilmington, Del., administrator, and F. Schulze, Waynesboro, Va., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Xanthate of cellulose glycollic acid. 2,201,663; May 21.
Ellsworth, Esther W., New York, N. Y. Woman's footwear. 2,216,488; Oct. 1.
Ellsworth, Lincoln, assignor to McLoughlin Bros., Inc., Springfield, Mass. Sound device. 2,226,094; Dec. 24.
Ellwood, Walter B., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pneumatic device. 2,187,114; Jan. 16.
Ellwood, Walter B., New York, and W. H. T. Holden, Long Island City, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching device. 2,187,115; Jan. 16.
Elm, Charles, National, Wash. Boiler flue cleaner. 2,225,372; Dec. 17.
Elmendorf, Armin, Winnetka, Ill. Flooring material and floor. 2,196,387; Apr. 9.
Elmendorf, Armin, Winnetka, Ill. Shingle roof construction. 2,226,239; Dec. 24.
Elmer, Irwin C., Atlanta, Ga. Weather strip. 2,211,887; Aug. 20.
Elmer, Robert B., assignor of two-thirds to L. G. Mouchel & Partners, Limited, and P. J. Gerard, Westminster, London, England. Construction of water cooling towers. 2,197,970; Apr. 23.
Elmer, William E., Wells, Minn. Supporting device. 2,216,408; Oct. 1.
Elmore, Austin E. (See Lewis, H. B., Burns, Elmore, and Salsbury.)
Elmore, Floyd D., Washington, D. C., assignor of one-half to E. S. Shepard, Falls Church, Va. Tabulating machine. 2,225,598; Dec. 17.
Elmore, Neal, New York, N. Y. Motor driven toothbrush. 2,215,031; Sept. 17.
Elmquist, Francis, Kansas City, Mo. Surgical dressing. 2,221,758; Nov. 19.
Elmquist, Ruth E. (See Humfeld, H., Kettering, and Elmquist.)
Elmquist, Ruth E., Washington, D. C., and H. Humfeld, and J. H. Kettering, Arlington, Va. Protecting protein fibrous materials. 2,207,630; July 9.
Elms, Robert, London, England. Date indicator. 2,213,462; Sept. 3.
Elmstedt, Otto C., et al. (See Cox, Raymond E., assignor.)
Elöd, Egon, Karlsruhe, Germany, assignor to Chemical Marketing Company Inc., New York, N. Y. Tooth filling material. 2,208,967; July 23.
Elofson, Carl L. (See Jones, J. R., and Elofson.)
Elsaesser, Frank S., Cincinnati, Ohio. Antidrip device. 2,205,687; June 25.
Else, Harold D., Springfield, Mass. Ski binding. 2,199,153; Apr. 30.
Elset, Borger S., Amityville, N. Y., assignor to Seversky Aircraft Corporation. Ordnance mount. 2,215,580; Sept. 24.
Elsey, George W., La Grange, Ill., assignor to General Motors Corporation, Detroit, Mich. Casting apparatus. 2,192,787; Mar. 5.
Elsey, George W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Conductor bending die. 2,199,623; May 7.
Elsey, George W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Foil filming machine. 2,222,195; Nov. 19.
Elsey, Howard M., Oakmont, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Carbon brush and making. 2,224,724; Dec. 10.
Elsey, Warren R., Merion, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Spring rigging for bolster type trucks. 2,197,720; Apr. 16.
Elsome-Jones, Ronald J., Mill Hill, London, and L. J. Ellison, Aldwych, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Dry contact metal rectifier. 2,189,887; Feb. 13.
Elson, Harry E., Dallas, Tex. Sample pin ticket. 2,224,427; Dec. 10.
Elswick, John E., Steubenville, Ohio. Apparatus for coating metal sheets. 2,194,974; Mar. 26.
Eltgroth, George V. (See Sturm, R. E., and Eltgroth.)
Eltgroth, George V., assignor to Bendix Radio Corporation, Chicago, Ill. Tube tester. 2,201,764; May 21.
Elting, August O., Chicago, Ill. Lamp fixture. 2,197,887; Apr. 23.
Elvegård, Evert R., Stockholm, Sweden. Making layers sensitive to light. 2,223,909; Dec. 3.
Elvove, Elias, Washington, D. C., assignor to the Government of the United States of America, as represented by the Secretary of the Treasury. Removal of fluorides from drinking water. 2,207,725; July 16.
Elwa-Elektro Aktiengesellschaft. (See Müller, Willy, assignor.)

Elwell, Bess W., executrix. (See Finke, R. W., and Elwell.)
Elwell, Edwin L. (See Watts, W. S., and Elwell.)
Elwell, Jacques, Courbevoie, France, assignor to Maag Zahnraeder & Maschinen Aktiengesellschaft, Zurich, Switzerland. Electromagnetic transmission. 2,205,688; June 25.
Elwell, John J., Detroit, Mich. Reciprocatory tool. 2,211,741; Aug. 13.
Elwell, Otto R. (See Finke, R. W., and Elwell.)
Elwell-Parker Electric Company. (See Towson, Sheldon K., assignor.)
Ely, Roland C., Superior, Wis., assignor to C. G. Conn Ltd., Elkhart, Ind. Clarinet. 2,208,838; July 23.
Ely & Walker Dry Goods Company. (See Hauser, William M., assignor.)
Elze, Walter C., Forest Hills, and Irving McDowell, Valley Stream, assignors to Hauck Manufacturing Company, Brooklyn, N. Y. Liquid strainer. 2,197,971; Apr. 23.
Emanuel, Victor. (See Cullomer, F. J., and Emanuel.)
Ember, Max, et al. (See Axelrod, Solomon, assignor.)
Emblidge, Robert M., Buffalo, N. Y. High tension bushing. 2,187,116; Jan. 16.
Embossing Company, The. (See Fletcher, Walter J., assignor.)
Embree, Herbert, Hamilton, Ontario, Canada. Flanging machine. 2,194,114; Mar. 19.
Embree, Leland F. (See Embree, Vern W. and L. F.)
Embree, Vern W. and L. F., Onida, S. Dak. Air pressure control means for tires. 2,224,042; Dec. 3.
Embury, Frederick B., assignor to Embury Manufacturing Company, Warsaw, N. Y. Lantern. 2,206,560; July 2.
Embury Manufacturing Company. (See Embury, Frederick B., assignor.)
Emelianoff, Alexander A. (See Johnson, E. A., and Emelianoff.)
Emerson, Charles J. (See Hartnett, J. T., and Emerson.)
Emerson, Edgar I. (See Eisenstaedt, Edgar I.)
Emerson Electric Mfg. Co., The. (See Janca, Joseph J., assignor.)
Emerson Electric Mfg. Co., The. (See Sekyra, Raymond C., assignor.)
Emerson Electric Mfg. Co., The. (See Weber, Victor, assignor.)
Emerson, John. (See Malm, C. J., and Emerson.)
Emerson, John H., Cambridge, Mass. Artificial respirator. 2,195,744; Apr. 2.
Emerson, Kenneth W. (See Todd, F. N., and Emerson.)
Emerson Radio & Phonograph Corporation. (See Israel, D. D., and Willging, assignors.)
Emerson, Sam W. (See Jaworowski, Joseph F., assignor.)
Emerson, William J., assignor to Connecticut Paper Products Incorporated, Kensington, Conn. Dispensing. 2,206,838; July 2.
Emery, Albert H., Stamford, Conn., and H. J. Ruch, Woodbury Heights, N. J., assignors, by mesne assignments, to The Baldwin Locomotive Works. Materials testing machine. 2,193,673; Mar. 12.
Emery, Alfred H., assignor to Standard Gage Company, Inc., Poughkeepsie, N. Y. Dial indicator gauge. 2,226,756; Dec. 31.
Emery, Augustus B., Messina, Transvaal, Union of South Africa, assignor to Messina (Transvaal) Development Company, Limited. Flotation apparatus. 2,202,484; May 28.
Emery, Elliott G., Jr. (See Monteith, C. N., and Emery.)
Emery, Frederic H., Bedford, Ohio. Method and apparatus for sewage disposal and utilization. 2,222,310; Nov. 19.
Emery, George S., Tulsa, Okla. Faucet. 2,221,233; Nov. 12.
Emery, William M. (See Gould, A. S., Emery, and Hyde.)
Emery, William M., Cleveland Heights, assignor to The Oster Manufacturing Company, Cleveland, Ohio. Threading tool. 2,196,897; Apr. 9.
Emfo Corporation, The. (See Fougera, Edmond M., assignor.)
Emig, Frederick J., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Enamel composition. 2,216,234; Oct. 1.
Emmer, Charles E., assignor to Circla, Inc., Chicago, Ill. Binding device. Re. 21,344; Feb. 6.
Emmert, Kenneth L. (See Hensel, F. R., and Emmert.)
Emmert, Kenneth L. (See Hensel, F. R., Emmert, and Wiggs.)
Emmert, Kenneth L., and J. W. Wiggs, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Refractory metal composition. 2,197,376; Apr. 16.
Emmey, Charles, New York, N. Y. Apparatus for applying thermoplastic tape layers onto a base. 2,217,199; Oct. 8.
Emmons, Arthur N., Nedrow, assignor to The Porter-Cable Machine Company Inc., Syracuse, N. Y. Floor sanding machine. 2,218,703; Oct. 22.
Emmons, Elias S., Fort Worth, Tex., assignor to P. B. Barnett and J. E. Ashenfelder. Hydraulic pump. 2,185,727; Jan. 2.
Emmons, Eric L., Detroit, Mich. Method of and apparatus for making patterns. 2,188,502; Jan. 30.
Emmons, John M., Winnipeg, Manitoba, Canada. Combination kitchen utensil. 2,226,490; Dec. 24.
Emmons, Joseph V., Shaker Heights, assignor to The Cleveland Twist Drill Company, Cleveland, Ohio. Alloy compositions and articles made therefrom. 2,198,476; Apr. 23.
Emmons, Willard O. (See Nemmer, L. B., and Emmons.)
Emptage, Roy. (See Moskowitz, C. J., and Emptage.)
Emrick, George W., Brooklyn, N. Y. Variable multiple head. 2,213,579; Sept. 3.
Emsco Derrick & Equipment Company. (See Ashton, Albert, assignor.)
Emsco Derrick & Equipment Company. (See Hutchins, Hugh A., assignor.)
Emsco Derrick & Equipment Company. (See Smith, David M., assignor.)
Emsco Derrick & Equipment Company. (See Stahl, L. W., and Foster, assignors.)
Emulsions Process Corporation. (See Ditto, Marvin W., assignor.)
Emulsions Process Corporation. (See Torrington, William P., assignor.)
Emulsol Corporation, The. (See Cahn, Frank J., assignor.)
Emulsol Corporation, The. (See Cahn, F. J., and Katzman, assignors.)
Emulsol Corporation, The. (See Epstein, A. K., and Katzman, assignors.)
Emulsol Corporation, The. (See Harris, Benjamin R., assignor.)
Emulsol Corporation, The. (See Katzman, Morris B., assignor.)
Emulsol Corporation, The. (See Katzman, M. B., and Cahn, assignors.)
Enamelers Guild, Inc. (See Rosenberg, Jacob E., assignor.)
Enard, Hans. (See Kersting, B. H., and Enard.)
Enbusk, John, Astoria, Oreg. Material separator. 2,204,478; June 11.
Ender, Willibald. (See Faust, W., and Ender.)
Enderlein, Emanuel X., Grenloch, N. J. Propeller jig. 2,195,722; Apr. 2.
Endowment Foundation. (See Daines, Robert H., Jr., assignor.)
Endowment Foundation. (See Ginsburg, Joseph M., assignor.)
Endres, Rudolf, Dessau-Rosslau, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Dissolving, softening, and gelatinizing agent. 2,191,428; Feb. 20.
Endsley, Colson J., Los Angeles, Calif. Percussion drill. 2,218,528; Oct. 22.
Endsley, Louis E., Pittsburgh, assignor to Edgewater Steel Company, Oakmont, Pa. Treating metal wheels. 2,188,569; Jan. 30.
Endsley, Louis E., Pittsburgh, Pa., assignor to Fairbanks, Morse & Co., Chicago, Ill. Thermal control of internal combustion engines. 2,189,888; Feb. 13.
Endter, Waldemar A., Long Beach, Calif. Door latch. 2,224,512; Dec. 10.
Enemark, June C., et al. (See Clipston, Frank J., assignor.)
Enemark, Sigurd, et al. (See Clipston, Frank J., assignor.)
Engbert, Willi, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ultra short wave frequency multiplier. 2,200,330; May 14.
Engdahl, Seth M. F., Stockholm, Sweden. Cooling device for fan bearings. 2,223,847; Dec. 3.
Engel, Albert W., Chicago, Ill. Lantern slide construction kit. 2,186,827; Jan. 9.
Engel, Albert W., Chicago, Ill. Transparent holding device. 2,206,561; July 2.
Engel, Edwin H. (See Davenport, E. S., and Engel.)
Engel, Fritz F., New York, N. Y. Material for modeling sculpture work. 2,214,126; Sept. 10.
Engel, Henry J., et al., executor. (See Peyser, Joseph.)
Engel, John B. (See Krueger, A. G., Vaughan, Slye, and Engel.)
Engel, Joseph, New York, N. Y. X-ray exposure apparatus. 2,196,063; Apr. 2.
Engel, Karl, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe sewing machine. 2,190,355; Feb. 13.
Engel, Karl, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe machine and method. 2,198,866; Apr. 30.
Engel, Karl, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Manufacture of welt shoes. 2,204,669; June 18.
Engel, Karl, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe and shoe manufacture. 2,212,514; Aug. 27.
Engel, Karl, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Making shoes. 2,212,515; Aug. 27.
Engel, Karl, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe and making the same. 2,212,516; Aug. 27.
Engel, Kurt, St. Louis, Ht. Rhin, France, assignor to J. R. Geigy S. A., Basel, Switzerland. Sulphonated indole derivatives. 2,204,544; June 18.
Engel, Kurt, St. Louis, France, and K. Pfaehler, assignors to the firm J. R. Geigy A. G., Basel, Switzerland. Assistants for the textile and related industries and their manufacture. 2,199,789; May 7.

Engel, Kurt, St. Louis, France, and K. Pfaehler, assignors to the firm of J. R. Geigy A. G., Basel, Switzerland. Quaternary indole derivatives and their manufacture. 2,211,771; Aug. 20.
Engel, Kurt, St. Louis, France, and K. Pfaehler, assignors to the firm J. R. Geigy A. G., Basel, Switzerland. N-acylurethanes and their manufacture. 2,221,914; Nov. 19.
Engel, Leonard J., assignor of one-third to A. J. Ross, and one-third to E. J. Meyers, East Moline, Ill. Hydraulic jack for refrigerators and the like. 2,226,970; Dec. 31.
Engel, Walter, Friedrichsanfang, Germany. Molded article of synthetic resin. 2,189,889; Feb. 13.
Engel, Willem F., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Isomerization of hydrocarbons. 2,208,362; July 16.
Engelauf, Robert O. (See Sheeler, H. E., and Engelauf.)
Engelbaugh, Harold E., Youngstown, M. S. Gettig, Poland, and C. R. Coburn, Youngstown, assignors to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Automatic control system for pipe threading machines and the like. 2,210,531; Aug. 6.
Engelbrecht, Heinz-Joachim. (See Hueter, R., Nue, and Engelbrecht.)
Engelbreit. Joseph J., Chicago, Ill. Mouth hygiene kit. 2,223,484; Dec. 3.
Engelbretson, Iner O., et al. (See Sumner, John S., assignor.)
Engelhardt, Rudolf. (See Lommel, W., and Engelhardt.)
Engelmann, Max, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Surface active material. 2,199,397; May 7.
Engelmann, Max, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphation. 2,199,398; May 7.
Engelmann, Max, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphating aliphatic alcohols. 2,199,399; May 7.
Engels, Bernhard, Waldenburg, Altwasser, Schlesien, Germany. Braun tube. 2,222,197; Nov. 19.
Engels, Eugene O., assignor to Baker Perkins Company, Inc., Saginaw, Mich. Toasting discrete materials. 2,219,329; Oct. 29.
Engels, Herman L., Marshfield, and R. Buslaff, Waukesha, Wis. Milking machine washer. 2,213,069; Aug. 27.
Engels, William H. (See Weijlard, J., and Engels.)
Engels, William H. (See Weijlard, J., Engels, and Holland.)
Engels, William H., and J. Weijlard, assignors to Merck & Co. Inc., Rahway, N. J. Germicide. 2,209,769; July 30.
Engelson. David, New York, N. Y., deceased; Isaac Davidson, executor. Telephone lock. 2,194,521; Mar. 26.
Engelstein, Alvin. (See Swartwood, K., and Engelstein.)
Enger-Kress Company. (See Miller, Lee B., assignor.)
Engh, Walter B. (See Davis, C. W., and Engh.)
Engh, Walter B., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Chimney for liquid fuel burners. 2,227,251; Dec. 31.
Engineering Incorporated. (See House, Harvey W., assignor.)
Engineering Incorporated. (See McDonald, Dan, assignor.)
Engineering Projects, Inc. (See Blanchard, Werner J., assignor.)
Engineering Research Corporation. (See Barrett, William M., assignor.)
Engineering and Research Corporation. (See Berliner, Henry A., assignor.)
Engineering and Research Corp. (See Bertran, Edward M., assignor.)
Engineering and Research Corporation, The. (See Biach, J. L., and Wilcox, assignors.)
Engineering and Research Corporation, The. (See Haugh, Henry A., Jr., assignor.)
Engl, Josef. (See Vogt, H., Engl, and Massolle.)
England, Joseph L. (See Wright, F. E., and England.)
England, William E., assignor to The Ohio Rubber Company, Willoughby, Ohio. Manufacture of vehicle floor mats. 2,188,342; Jan. 30.
Englar, Lillian G., Crestwood, N. Y. Display device. 2,204,129; June 11.
Englar, Lillian G., Crestwood, N. Y. Display device. 2,206,772; July 2.
Engle, Don C., and G. J. Korfhage, Louisville, Ky. Hydromechanical brake connector. 2,219,518; Oct. 29.
Engle, Edgar W., Noroton, Conn., assignor to Carboloy Company, Inc., Detroit, Mich. Method and apparatus for making hot pressed hard metal compositions. 2,195,297; Mar. 26.
Engle, Edgar W., Noroton, and H. B. Duncan, Stamford, assignor to Carboloy Company, Inc., Detroit, Mich. Making drawing dies. 2,212,394; Aug. 20.
Engle, Edgar W., Noroton, and H. B. Duncan, Stamford, Conn., assignors to Carboloy Company, Inc., Detroit, Mich. Tube drawing nib mount. 2,220,757; Nov. 5.
Engle, Harry J., O. J. Gaedig, and R. T. Henneberry, St. Louis, and L. W. Uhles, assignors to Sefton Fibre Can Company, Maplewood, Mo. Machine for affixing opening threads to sealed containers. 2,195,085; Mar. 26.
Engle, Loy S., Harrington Park, N. J., assignor to Interchemical Corporation, New York, N. Y. Drying printing inks. 2,197,145; Apr. 16.
Engle, Ralph L., Oden, Mich. Nail for fastening sheeting. 2,203,294; June 4.
Engledow, Hiram M., et al. (See Blount, Hobart H., assignor.)
Engler, Max L., and W. J. Breth, assignors to The General Tire & Rubber Company, Akron, Ohio. Splicing machine. 2,186,286; Jan. 9.
Engler, Walter N. (See Kline, B. L., and Engler.)
Englert, Joseph B., Akron, Ohio. Detachable spout for containers. 2,203,133; June 4.
Englert, Walter J. (See Nagle, P. J., and Englert.)
Englesson, John E., Kristinehamn, Sweden. Swivel joint. 2,187,147; Jan. 16.
English, Aaron, Bellflower, Calif. Method and apparatus useful in drilling and producing wells. 2,214,226; Sept. 10.
English, Aaron, Bellflower, Calif. Method and apparatus for securing objects in wells. 2,214,227; Sept. 10.
English, Clarence C., San Francisco, Calif. Pump. 2,222,706; Nov. 26.
English Electric Company Limited, The. (See Baston, C. E., and Binney, assignors.)
English Electric Company Limited, The. (See Binney, E. A., Pound-Corner, and Sedgfield, assignors.)
English, Jackson P. (See Roblin, R. O., Jr., and English.)
English, Jackson P., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing 2-amino-4-chloropyrimidine. 2,224,811; Dec. 10.
English, Richard C. (See Coffey, J. M., and English.)
English, Solomon, London, England, assignor to Holophane Company, Inc., New York, N. Y. Luminaire. 2,201,860; May 21.
Englund, Ernst E. (See Simmons, C. M., and Englund.)
Engs, William, Oakland, H. P. A. Groll, Berkeley, and A. W. Fairbairn, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of unsaturated halogen-containing compounds. 2,189,890; Feb. 13.
Engst, Norbert K., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Computing system. 2,225,410; Dec. 17.
Engstrom, Birger, assignor to Forster Manufacturing Corporation, Pittsburgh, Pa. Pipe thread protector. 2,204,130; June 11.
Engstrom, Everett E., White Plains, N. Y., assignor to McKeesport Tin Plate Corporation. Cake package 2,191,610; Feb. 27.
Engstrom, Gustaf W., Riverside, Ill., assignor to International Harvester Company. Tractor. 2,224,955; Dec. 17.
Engstrom, Oscar L., New York, N. Y. Venetian blind slat. 2,217,217; Oct. 8.
Ennis, Charles E., Albuquerque, N. Mex. Auxiliary engine feeding device. 2,221,472; Nov. 12.
Ennis, Edward C., Chicago, Ill. Wax covering for food products. 2,187,734; Jan. 23.
Ennis, George H., assignor of one-half to R. V. Funk, Long Beach, Calif. Apparatus for determining pressure and temperature in a well. 2,190,260; Feb. 13.
Ennis, George H., assignor of one-half to R. V. Funk, Long Beach, Calif. Method and apparatus for inserting cores in cables. 2,216,189; Oct. 1.
Enoch, Walter S., New York, N. Y. Display device. 2,204,076; June 11.
Enos, Marguerite, Jerseyville, Ill. Berry pie drip pan. 2,211,261; Aug. 13.
Ensign, Darwin A., assignor to Ensign Electric and Manufacturing Company, Huntington, W. Va. Trolley guard support. 2,226,462; Dec. 24.
Ensign Electric & Manufacturing Company. (See Ensign, Darwin A., assignor.)
Ensign, J. W., et al. (See Darling, Louis H., assignor.)
Ensign, Paul W., San Marino, assignor to Ensign Carburetor Co. Ltd., Huntington Park, Calif. Carburetor. 2,186,480; Jan. 9.
Ensign, Roy F., San Marino, and H. N. Wade, assignors to Parkhill-Wade, Los Angeles, Calif. System for controlling vapor pressure in fuel supply tanks. 2,226,810; Dec. 31.
Ensign, William B., New Rochelle, N. Y. Ribbon burner. 2,210,069; Aug. 6.
Ensing Carburetor Co. Ltd. (See Ensign, Paul W., assignor.)
Ensminger, George R., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,214,127; Sept. 10.
Ensminger, George R., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,214,667; Sept. 10.
Ensminger, Harry, assignor to Cardox Corporation, Chicago, Ill. Fire extinguisher method and apparatus. 2,216,071; Sept. 24.
Ensminger, Harry, assignor to Cardox Corporation, Chicago, Ill. Extinguishing fires. 2,216,072; Sept. 24.
Ensor, Dorsey A. (See Martin, H. E., and Ensor.)
Enterprise Aluminum Company, The. (See Krause, R. F., and Sill, assignors.)
Enterprise Manufacturing Company, The. (See Khoenle, Herman F., assignor.)
Enterprise Manufacturing Company, The. (See Kreis, Joseph D., assignor.)
Enterprise Manufacturing Company, The. (See Pflueger, Charles T., assignor.)
Enterprise Manufacturing Company, The. (See Rief, Joseph W., assignor.)

Enterprise Railway Equipment Company. (See Batho, William F., assignor.)
Enterprise Railway Equipment Company. (See Campbell, Argyle, assignor.)
Entoleter Company. (See Conley, Kurt H., assignor.)
Entoleter Company, Inc. (See Haddad, Labeeb B., assignor.)
Entreprise Rouzaud et fils. (See Beschkine, Leon, assignor.)
Entreprises Electriques Fribourgeoises. (See Challet, Etienne, assignor.)
Entwisle & Kenyon Limited. (See Redfearn, John P., assignor.)
Entz, Justus B., New Rochelle, N. Y. Heat engine. 2,227,129; Dec. 31.
Enya, Hachiro, Tokyo, Japan. Grinding machine of injection needles. 2,215,752; Sept. 24.
Enz, Walter W. F. (See Norton, J. F., and Enz.)
Eonalf, John P. (See Straubel, W. E., and Eonalf.)
Epifano, Antonio, Wellesley, Mass. Convertible auto seat. 2,212,682; Aug. 27.
Epiphone, Inc. (See Stathopoulo, Frixo N., assignor.)
Epner, Daniel, New York, N. Y. Hand sander. 2,201,645; May 21.
Eppens, Ernest G., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Fluid actuated hammer. 2,193,166; Mar. 12.
Eppens, Smith Company. (See Heres, Martin, assignor.)
Eppenstein, Otto M. I., and C. Münster, assignors to the firm Carl Zeiss, Jena, Germany. Microscope for examining profiles of surfaces of bodies by the optical intersection method. 2,216,003; Sept. 24.
Eppensteiner, John J., St. Louis, Mo. Camera. 2,214,228; Sept. 10.
Epperly, Howell C. (See Dunkle, Ross N., assignor.)
Epperson, Frank W., et al. (See Browner, William, assignor.)
Epperson, Sidney E., Webster Groves, Mo. Speed regulating device. 2,226,425; Dec. 24.
Eppinger, Louis J., Detroit, Mich. Trolling spoon. 2,197,209; Apr. 16.
Eppler, Andrew, Jr., Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Welt cementing machine. 2,204,670; June 18.
Epstein, Albert K., Chicago, Ill. Emulsion. 2,223,558; Dec. 3.
Epstein, Albert K., and M. Katzman, assignors to The Emulsol Corporation, Chicago, Ill. Quaternary ammonium derivatives of alcohol amine compounds. 2,190,133; Feb. 13.
Epstein, Albert K., and M. Katzman, assignors to The Emulsol Corporation, Chicago, Ill. Sulphonic derivatives of amides. 2,198,806; Apr. 30.
Epstein, Albert K., and M. Katzman, assignors to The Emulsol Corporation, Chicago, Ill. Quaternary ammonium derivatives of alcohol amine compounds. 2,213,979; Sept. 10.
Epstein, Albert K., and B. R. Harris, Chicago, and M. C. Reynolds, deceased, by L. E. Reynolds, Hinsdale, and The First National Bank of Chicago, Chicago, Ill., co-executors. Margarine product and making same. 2,217,309; Oct. 8.
Epstein, David W. (See Maloff, I. G., Epstein, and Wendt.)
Epstein, David W., Merchantville, N. J., assignor to Radio Corporation of America. Cathode ray tube. 2,185,590; Jan. 2.
Epstein, David W., Merchantville, N. J., assignor to Radio Corporation of America. Cathode ray tube. 2,206,666;
Epstein, Harry, Johnstown, Pa. Mechanical burglar alarm. 2,196,961; Apr. 9.
Epstein, Herman. (See Adams, Arthur H., assignor.)
Epstein, Herman, Kansas City, Mo., assignor to Ideal Products Company. Hat holder. 2,191,934; Feb. 27.
Epstein, Hirsch, Chicago, Ill. Glow discharge device. 2,220,895; Nov. 12.
Equitable Paper Bag Co. Inc. (See Poppe, George W., assignor.)
Equitable Powder Manufacturing Company, The. (See Sherman, Harry E., assignor.)
July 2.
Erard, Georges L., Vincennes, assignor to Cartier, Societe Anonyme, Paris, France. Slide fastener. 2,221,759; Nov. 19.
Erard, Georges L., Vincennes, France, assignor to Cartier, Inc., New York, N. Y. Case for cosmetics, and especially lipsticks. 2,221,760; Nov. 19.
Eraser Company, The. (See Roesch, Rudolph G., assignor.)
Erasmus, Hendrik W. B. de W., Lewiston, and C. E. Cormack, Buffalo, N. Y., assignors to Electro Metallurgical Company. Ore treatment. 2,197,146; Apr. 16.
Erath, George F., Queens Village, N. Y., assignor to Pittsburgh Corning Corporation, Allegheny County, Pa. Application of securing means to glass doors. 2,200,387; May 14.
Erath, George F., Queens Village, N. Y., assignor to Pittsburgh Corning Corporation, Allegheny County, Pa. Suspension of glass doors. 2,219,683; Oct. 29.
Erb, Clarence F., Youngstown, Ohio. Automatic stoker. 2,197,428; Apr. 16.
Erb, George C., Forest Hills West, assignor to American Can Company, New York, N. Y. Container. 2,187,735; Jan. 23.
Erb, Jay, Green Springs, Ohio. Apparatus for slicing meat. 2,199,589; May 7.
Erb, John W., Martins Ferry, Ohio, assignor to Wheeling Steel Corporation. Making sheet metal. 2,213,759; Sept. 3.
Erb, Lewis G., et al. (See Dautrick, Owen L., assignor.)
Erbach, Fred R., assignor to General Refrigeration Corporation, Beloit, Wis. Sealing device for rotating shafts. 2,220,814; Nov. 5.
Erbach, Frederick R., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigeration apparatus. 2,186,782; Jan. 9.
Erban Patents Corporation. (See Erban, Richard, assignor.)
Erban, Richard, Vienna, Austria, assignor to Erban Patents Corporation. Driving energy consumer. 2,196,064; Apr. 2.
Erban, Richard, assignor to Erban Patents Corporation, New York, N. Y. Power transmission. 2,216,190; Oct. 1.
Erban, Richard, New York, N. Y., assignor to Erban Patents Corporation. Transmission device. 2,216,191; Oct. 1.
Erben, Dietrich, Berlin-Mariendorf, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Antenna system. 2,197,494; Apr. 16.
Erben, Dietrich, Berlin-Mariendorf, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Antenna arrangement, especially for radio beacons. 2,208,413; July 16.
Erbguth, Paul F. K. (See Sandberg, R. A. F., Erbguth, and Smith.)
Erbguth, Paul F. K., and R. A. F. Sandberg, Brooklyn, and E. S. Smith, Jr., St. Albans, assignors to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Safety control for vulcanizer presses. 2,204,531; June 11.
Erbguth, Paul F. K., and R. A. F. Sandberg, assignors to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Process control. 2,204,532; June 11.
Erby, Philip, Chicago, assignor of one-half to C. Statter, Crystal Lake, Ill. Web drying apparatus. 2,225,166; Dec. 17.
Erdeley, Zoltan. (See Thomson, G. M., and Erdeley.)
Erdle, Reiner W., Chicago, Ill., assignor to Dental Research Corporation. Molding dentures. 2,192,902; Mar. 12.
Erdle, Reiner W., Chicago, Ill., assignor, by mesne assignments, to Dental Research Corporation. Making articles of porcelain. 2,195,452; Apr. 2.
Erdle, Reiner W., Chicago, Ill., assignor to Dental Research Corporation. Molding ceramic articles. 2,196,258; Apr. 9.
Erdley, Martin B., Lewistown, Pa. Clamp. 2,212,156; Aug. 20.
Erdmann, Hans, Montclair, assignor to Schering Corporation, Bloomfield, N. J. Granular material separating machine. 2,200,472; May 14.
Erdmann, Hans, Montclair, and W. Voetter, West Orange, assignors to Schering Corporation, Bloomfield, N. J. Device for filling ampoules and the like. 2,219,544; Oct. 29.
Erdmann, Konrad, Radenthein, Germany, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Producing metallic magnesium. 2,200,772; May 14.
Erekson, John A., St. Paul, Minn. Sediment tester. 2,225,984; Dec. 24.
Erex Non-Allergic Products Company. (See De Woskin, Irvin S., assignor.)
Erhard, William, North Bergen, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Hypodermic unit. 2,219,301; Oct. 29.
Erich, Amelia, New York, N. Y. Height increasing shoe. 2,200,493; May 14.
Ericksen, Olaf, Brooklyn, assignor to John Chatillon & Sons, New York, N. Y. Scale. 2,210,399; Aug. 6.
Erickson, Anton C. (See Malarkey, J. A., and Erickson.)
Erickson, Arthur F., Chicago, Ill. Audible signal. 2,227,074; Dec. 31.
Erickson, Arvid M. (See Gray, H. E., and Erickson.)
Erickson, C. E., Company. (See Erickson, Ernest R., assignor.)
Erickson, Carl I., Glendale, Ariz. Automobile lighting system and control switch for the same. 2,186,911; Jan. 9.
Erickson, Charles, and E. Spellman, New York, N .Y. Continuous confection freezing apparatus. 2,191,344; Feb. 20.
Erickson, David. (See Le Bus, John E., assignor.)
Erickson, Edwin L. and G. H., Aitkin, Minn. Frost and ice remover for windshields. 2,212,095; Aug. 20.
Erickson, Einar W., Port Townsend, Wash. Handling freight. 2,226,294; Dec. 24.
Erickson, Ernest R., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Push bar. 2,225,211; Dec. 17.
Erickson, George H. (See Erickson, Edwin L. and G. H.)
Erickson, George V., Aberdeen, S. Dak. Map holding device. 2,211,559; Aug. 13.
Erickson, Ingemar, Mercer, Wis. Spoon hook. 2,214,668; Sept. 10.
Erickson, John A., Jackson, Mich. Coal spraying chute. 2,197,792; Apr. 23.
Erickson, John A., Jackson, Mich. Spraying insecticides. 2,201,995; May 28.

Erickson, John E., East Grand Forks, Minn. Damming attachment for cultivators. 2,193,065; Mar. 12.
Erickson, Leonard E., and B. W. Olson, assignors to Chas. Olson & Sons, Incorporated, Minneapolis, Minn. Extensible work tower. 2,204,671; June 18.
Erickson, Nels E., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Power lift tractor hitch. 2,210,907; Aug. 13.
Erickson, Prentis E., Minneapolis, Minn. Tooth brush supporting device for tooth massaging apparatus. 2,187,077; Jan. 16.
Erickson, Prentis E., assignor to J. B. Bradshaw, Minneapolis, Minn. Vibrating toilet apparatus. 2,187,076; Jan. 16.
Ericson, Alfred G. (See Granberg, B. R., and Ericson.)
Ericson, Anton F., Philipsburg, Pa., assignor to General Motors Corporation, Detroit, Mich. Fluid pump. 2,195,244; Mar. 26.
Ericson, Charles G., Toronto, Ontario, Canada. Rail retaining device. 2,204,849; June 18.
Ericson, Elmer W., assignor to The Barrett Bindery Co., Chicago, Ill. Display binder. 2,208,213; July 16.
Ericson, George R., assignor to Carter Carburetor Corporation, St. Louis, Mo. Windshield wiper. 2,187,876; Jan. 23.
Ericson, George R., Kirkwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Pump device. 2,188,503; Jan. 30.
Ericson, George R., assignor to Carter Carburetor Corporation, St. Louis, Mo. Internal combustion engine. 2,209,329; July 30.
Ericson, George R., assignor to Carter Carburetor Corporation, St. Louis, Mo. Pulsating pressure device. 2,214,922; Sept. 17.
Ericson, George R., assignor to Carter Carburetor Corporation, St. Louis, Mo. Fuel supply system. 2,216,703; Oct. 1.
Ericson, Walter M., Milwaukee, and E. H. Wenzel, Fox Point, Wis.; said Ericson assignor to said Wenzel. Building insulation and producing same. 2,200,713; May 14.
Ericson, Willard E., Highland Park, assignor to E. Edelmann & Co., Chicago, Ill. Antifreeze solution indicator. 2,212,809; Aug. 27.
Ericsson, Eric W., Brooklyn, N. Y. Doorknob spindle. 2,191,613; Feb. 27.
Ericsson, Gunnar, Philadelphia, Pa. Closure for pressure vessels. 2,213,161; Aug. 27.
Erie Meter Systems, Incorporated. (See Olsen, Louis R., assignor.)
Erie Resistor Corporation. (See Berry, Leland L., assignor.)
Erie Resistor Corporation. (See Mulcahy, Edward H., assignor.)
Erikson, Harry, and G. A. Harker, assignors to Binks Manufacturing Company, Chicago, Ill. Ventilating and accelerating delivery and stacking of printed sheets in a printing press. 2,191,881; Feb. 27.
Erikson, Henry A., Minneapolis, Minn. Rollback check. 2,216,566; Oct. 1.
Eriksson, Frans W., Vasteras, Sweden. Leg for furniture. 2,204,077; June 11.
Eriksson, Karl H. (See Bergkvist, E. R., and Eriksson.)
Eriksson-Jons, Anders, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,187,654; Jan. 16.
Erkel, Frank C., Hennepin County, Minn. Preparing shark and other hides for tanning. 2,222,656; Nov. 26.
Erlanger Cotton Mills Company. (See Wilson, Oscar C., assignor.)
Erlenbach, Michael. (See Pfaff, K., and Erlenbach.)
Erling, Ralph, Cranford, N. J. By-pass valve mechanism. 2,186,015; Jan. 9.
Ermold, Edward, Company. (See Creamer, Norman G., assignor.)
Ernest, Ralph D. (See Jirka, J. F., McCurdy, Slager, and Ernest.)
Ernesti, Walter, Berlin, and H. Herlach, Berlin-Frohnau, assignors to Rheinmetall-Borsig Aktiengesellschaft, Dusseldorf, Germany. Gun which fires during forward movement of the gun. 2,218,877; Oct. 22.
Ernst, Alfred F., Crestwood, assignor to Certain-Teed Products Corporation, New York, N. Y. Covering element and making the same. 2,197,972; Apr. 23.
Ernst, Allan M. and W. M., Cleveland, Ohio. Photographic printing machine. 2,223,341; Dec. 3.
Ernst, Arthur G., et al., executors. (See Ernst, Charles K.)
Ernst, Charles K., Buffalo, N. Y., deceased; C. F. Ernst, M. C. Lay, and A. G. Ernst, executors. Hoist. 2,208,968; July 23.
Ernst, Edward C. (See Ostand, D., Ernst, and Beckman.)
Ernst, Hans, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Machine tool control mechanism. 2,216,550; Oct. 1.
Ernst, Walter, Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Hydraulic system and control. 2,190,939; Feb. 20.
Ernst, Walter, assignor to The Hydraulic Press Corporation, Inc., Mount Gilead, Ohio. Surge valve. 2,193,248; Mar. 12.
Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Press Corp. Inc., Wilmington, Del. Pump or motor. 2,209,224; July 23.
Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Press Corp. Inc., Wilmington, Del. Metal drawing press. 2,214,635; Sept. 10.
Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Press Corp. Inc., Wilmington, Del. Press with floating connection between auxiliary rams and press platen. 2,219,385; Oct. 29.
Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corp. Inc., Wilmington, Del. Tonnage control device with indicator. 2,224,957; Dec. 17.
Ernst, Walter, and I. B. Lawyer, Mount Gilead, Ohio, assignors to The Hydraulic Press Corp. Inc., Wilmington, Del. Plastic extrusion molding machine. 2,191,882; Feb. 27.
Ernst, Walter, G. M. Geiger, and W. R. Tucker, Mount Gilead, Ohio, assignors to The Hydraulic Press Corp. Inc., Wilmington, Del. Hydraulic circuit. 2,211,370; Aug. 13.
Ernst, Walter, Mount Gilead, and L. S. Hubbert, Edison, Ohio, assignors to The Hydraulic Development Corp. Inc., Wilmington, Del. Press with rapid-closing upward-acting ram. 2,224,956; Dec. 17.
Ernst, Walter M. (See Ernst, Allan M. and W. M.)
Ernstoff, Harry, Brooklyn, N. Y. Wall construction and wall construction material. 2,223,721; Dec. 3.
Errett, John W., assignor to Capstan Glass Company, Connellsville, Pa. Glass machine. 2,192,302; Mar. 5.
Errig, William F., Philadelphia, and G. M. Pfundt, Churchville, assignors to Peco Manufacturing Corporation, Philadelphia, Pa. Automatic slotter for tires. 2,192,130; Feb. 27.
Erschen, Charles P., Milwaukee, Wis. Photographic film washer. 2,223,606; Dec. 3.
Erskine, Archibald M., Chatham, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Titanium pigment production. 2,218,704; Oct. 22.
Erskine, Arthur W., et al. (See Hoopes, Ernest A., assignor.)
Erskine, Linwood M. (See Coppus, Frans H. C., assignor.)
Ervin, John F., Ann Arbor, Mich. Metallic abrasive or blast material. 2,215,828; Sept. 24.
Erwin, Edson L. (See Busch, A. J., and Erwin.)
Es-B-Es-Co., "Ltd.". (See Dannheiser, Joseph M., assignor.)
Esch, Alfred, Landsberg-on-the-Warthe, Germany. Production of vermin killers. 2,189,730; Feb. 6.
Esch, Frederick W., Indianapolis, Ind. Oiling ring. 2,198,909; Apr. 30.
Esch, Rudolf E. (See Harrington, F. T., and Esch.)
Eschenbach, Benson. (See Rose, H. J., and Eschenbach.)
Eschert, Paul, and P. Kirchhoff, Berlin, Germany. Tree protector. 2,213,134; Aug. 27.
Eschner, Josef, Vienna, Austria. Pack parachute. 2,215,809; Sept. 24.
Escobales, Hilarión, Staten Island, N. Y. Package. 2,204,850; June 18.
Eserkaln, Theodore F., Wauwatosa, and R. E. Grobe, Neenah, assignors to Kearney & Trecker Corporation, West Allis, Wis. Grinding wheel dust hood. 2,219,444; Oct. 29.
Eshbaugh, Jesse E., Flint, assignor to General Motors Corporation, Detroit, Mich. Hydraulic lash adjuster. 2,203,952; June 11.
Eshbaugh, Jesse E., and N. Walker, Flint, assignors to General Motors Corporation, Detroit, Mich. Radiator overflow regulator. 2,191,611; Feb. 27.
Eshbaugh, Newton T., Phoenix, Ariz. Insect trapping electric fixture. 2,198,807; Apr. 30.
Eshleman, Charles I., et al. (See Chapman, Arthur J., assignor.)
Eshleman, Richard F., Shillington, assignor to Textile Machine Works, Wyomissing, Pa. Selective humidification. 2,207,998; July 16.
Eskilson, Nils, Huntington Park, Calif. Measuring cup. 2,204,730; June 18.
Eskimo Pie Corporation. (See Watts, W. S., and Elwell, assignors.)
Eskridge, Cecil V., Chicago, Ill., assignor to The Linde Air Products Company. Method of and apparatus for hardening rail ends. 2,198,808; Apr. 30.
Esnault-Pelterie, Robert, Boulogne-sur-Seine, France, assignor to Spladis Société pour l'Application d'Inventions Scientifiques, Luxemburg, Luxemburg. Centrifuging electrically heated furnace. 2,216,567; Oct. 1.
Espe, Albert O., Crookston, Minn. Foldable disk harrow. 2,211,560; Aug. 13.
Espelta, Manuel J., Franklinville, N. J. Nonskid and braking device for vehicles. 2,203,459; June 4.
Espley, Dennis C., North Wembley, and D. O. Walter, Pinner, assignors to The General Electric Company Limited, London, England. Apparatus including a scanning disk for transmitting television. 2,206,546; July 2.
Esposito, John, New York, N. Y. Ventilating device for automobile bodies. 2,189,000; Feb. 6.
Esposito, Thomas, Cincinnati, Ohio. Necktie. 2,207,119; July 9.
Esseling, Cornelis J., assignor to N. V. Gebr. Stork & Co's Fabriek van Hijschwerktuigen, Haarlem, Netherlands. Pipe grip. 2,202,446; May 28.

Esselmann, Paul, Wolfen, Kreis Bitterfeld, K. Kösslinger, Dessau, and P. Saffert, Wolfen, Kreis Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Crimping device. 2,187,567; Jan. 16.
Esselmann, Paul, Wolfen, K. Bitterfeld, K. Kösslinger, and J. Düsing, Dessau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing insoluble condensation products containing sulphur and nitrogen. 2,208,095; July 16.
Esselmann, Paul, Wolfen, Kreis Bitterfeld, and J. Düsing, Dessau, Germany, assignors, by mesne assignments, to W. H. Duisberg, New York, N. Y. Synthetic resinous composition. 2,220,441; Nov. 5.
Essen, Eric E., assignor to Economic Machinery Company, Worcester, Mass. Bottle registering device. 2,222,503; Nov. 19.
Essen, Eric E., assignor to Economic Machinery Company, Worcester, Mass. Registering device for labeling machines. 2,222,504; Nov. 19.
Esser, Franz. (See Bauer, W., and Esser.)
Essex, Guy N., and J. R. McCarty, Bloomington, Ill. Insect trap. 2,209,945; July 30.
Essex Rubber Company. (See Oakley, Laurence M., assignor.)
Essex Wire Corporation. (See Elliott, Howard A., assignor.)
Esson, Edwin, assignor to Walker & Pratt Manufacturing Company, Watertown, Mass. Stove. 2,196,724; Apr. 9.
Estate Stove Company, The. (See Kahn, B. B., and Hake, assignors.)
Estep, Arthur C., assignor to The Whitacre-Greer Fireproofing Company, Waynesburg, Ohio. Making ingot mold plugs. 2,221,130; Nov. 12.
Esterbrook Steel Pen Manufacturing Co., The. (See Ashmore, Leon H., assignor.)
Esterbrook Steel Pen Manufacturing Company. (See Frost, Albert G., assignor.)
Esterbrook Steel Pen Manufacturing Co., The. (See Klagges, Henry C., assignor.)
Estes, David N., Carlsbad, N. Mex. Sign. 2,196,200; Apr. 9.
Estes, James W., Travis County, Tex. Amusement device. 2,206,172; July 2.
Estes, Joseph C., Woonsocket, assignor to A. T. Levy, Harrisville, R. I. Prefabricated building. 2,186,460; Jan. 9.
Estes, Rufus B., Knoxville, Tenn. Burglar alarm. 2,205,945; June 25.
Estler, Louis E., Jamaica, N. Y. Surgical suction drainage cup. 2,195,771; Apr. 2.
Estoppey, Georges L., Dayton, Ohio. Sighting device. 2,194,141; Mar. 19.
Estoup, Jean, also known as Henri Estoup, Montrouge, France. Arrhythmic telewriter. 2,216,643; Oct. 1.
Esty, Alfred H., Santa Cruz, Calif. Container for perishable liquids. 2,201,524; May 21.
Esval, Orland E., Allendale, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. High speed alternating current driven gyroscope. 2,193,531; Mar. 12.
Esz, Frank. (See Dall, A. H., and Esz.)
Etablissements Ch. Faure-Roux. (See Faure-Roux, Charles, assignor.)
Etablissements Delostal Freres. (See Noble, Emile, assignor.)
Etablissements Edouard Belin. (See Constant, Roger E. R., assignor.)
Etablissements Weco S. A. R. L. (See Miesch, Camille, assignor.)
Etbauer, Theodore P., Hamburg, Germany. Screen. 2,210,806; Aug. 6.
Etchells, Horace I., Jr., Kingston, N. Y., assignor to Hercules Powder Company, Wilmington, Del. Ignition mixture. 2,190,777; Feb. 20.
Etchison, Carol L., Frederick, Md., assignor, by mesne assignments, to United Chromium, Incorporated, New York, N. Y. Apparatus for electroplating metallic articles. 2,199,487; May 7.
Eternod, Albert J., New Orleans, La. Belt buckle. 2,209,648; July 30.
Etheridge, Herbert, assignor to Imperial Typewriter Company Limited, Leicester, England. Transfer-sheet feed mechanism for typewriting, teleprinting, and like machines. 2,216,409; Oct. 1.
Etten, Nicholas L., Waterloo, Iowa. Wringer. 2,208,248; July 16.
Etten, Nicholas L., Waterloo, Iowa. Wringer. 2,208,249; July 16.
Etten, Nicholas L., Waterloo, Iowa. Gearshift roll stop wringer. 2,208,250; July 16.
Etten, Nicholas L., Waterloo, Iowa. Wringer. 2,215,639; Sept. 24.
Etten, Nicholas L., Waterloo, Iowa. Wringer release and reset. 2,223,512; Dec. 3.
Etten, Nicholas L., Waterloo, Iowa. Wringer reset. 2,225,611; Dec. 24.
Etten, Nicholas L., Waterloo, Iowa. Wringer mechanism. 2,227,130; Dec. 31.
Etten, Nicholas L., assignor to Chamberlain Corporation, Waterloo, Iowa. Safety release mechanism. 2,192,401; Mar. 5.
Etten, Nicholas L., assignor to Chamberlain Corporation, Waterloo, Iowa. Wringer release mechanism. 2,205,137; June 18.
Etten, Nicholas L., assignor to Chamberlain Corporation, Waterloo, Iowa. Wringer roll drive device. 2,210,657; Aug. 6.
Etten, Nicholas L., assignor to Chamberlain Corporation, Waterloo, Iowa. Wringer roll drive mechanism. 2,223,511; Dec. 3.
Etten, Nicholas L., Waterloo, Iowa, and A. J. Snow, Wilmette, Ill. Selective automatic overload release. 2,225,470; Dec. 17.
Ettinger, Joe J., Warsaw, Ind. Folding litter. 2,203,193; June 4.
Ettinger, Joe J., Warsaw, Ind. Invalid litter. 2,226,306; Dec. 24.
Ettinger, Joe J., Warsaw, Ind. Folding litter. 2,226,307; Dec. 24.
Etzel, Gastaõ. (See Henke, C. O., and Etzel.)
Etzold, Hellmuth. (See Schröter, F., Knoll, Klüge, and Etzold.)
Etzrodt, Adalbert, Berlin-Siemensstadt, assignor to Fides Gesellschaft fur die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschrankter Haftung, Berlin, Germany. Hot cathode for high power. 2,212,827; Aug. 27.
Etzrodt, Adalbert, Berlin-Siemensstadt, assignor to Fides Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung, Berlin, Germany. Grid-controlled discharge tube. 2,218,331; Oct. 15.
Etzrodt, Adalbert, Berlin-Siemensstadt, assignor to Fides Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung, Berlin, Germany. Oxide cathode 2,222,021; Nov. 19.
Euclid Road Machinery Company, The. (See Armington, Arthur P., assignor.)
Euclid Road Machinery Company, The. (See Armington, Stewart F., assignor.)
Euclid Road Machinery Company, The. (See Armington, S. F., and Snow, assignors.)
Eudaily, Luther M., Tatum, N. Mex. Powder dispenser. 2,188,627; Jan. 30.
Eugene, Ltd. (See Beike, Hans, assignor.)
Eugene, Ltd. (See Suter, E. F., and Korpacsy, assignors.)
Eula, Marte A. (See Medwick, M. P., and Eula.)
Eulenstein, Fritz, Cologne-on-the-Rhine, and A. Krus, Sturzelberg, assignors to Sachtleben Aktiengesellschaft für Bergbau und Chemische Industrie, Cologne-on-the-Rhine, Germany. Direct batch process for the production of iron and steel. 2,185,911; Jan. 2.
Euler, Ralph S. (See Worthing, A. G., and Euler.)
Euller, Richard B., Cleveland, assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Protector. 2,226,601; Dec. 31.
"Eumig" Elektrizitats- und Metallwaren-Industrie. (See Malek, Georg, assignor.)
Euwer, Herbert D., St. Louis, Mo., assignor to American Car and Foundry Company, New York, N. Y. All season air conditioning for railway cars. 2,201,765; May 21.
Euwer, Herbert D., St. Louis, Mo., assignor to American Car and Foundry Company, New York, N. Y. Reversible blower unit. 2,203,491; June 4.
Evangelista, Dominick, New York, assignor to Regent Appliance Corporation, Bronx, N. Y. Dump truck. 2,219,256; Oct. 22.
Evans, Benjamin, Albany, and H. L. Metzger, assignors to Fort Orange Paper Company, Castleton on Hudson, N. Y. Box forming machine. 2,189,105; Feb. 6.
Evans, Bernard A., assignor to Champion Machinery Company, Joliet, Ill. Automatic overhead proofer. 2,189,243; Feb. 6.
Evans, Carroll L., Tipton, Calif. Piston packing. 2,224,475; Dec. 10.
Evans Case Company. (See Irelan, Ellison S., assignor.)
Evans Case Company. (See Kun, Eugene, assignor.)
Evans Case Company. (See Tippett, John P., assignor.)
Evans, Charles S., Oakland, assignor to Fibreboard Products Inc., San Francisco, Calif. Fiberboard structure and making the same. 2,203,084; June 4.
Evans, Clyde, Portland, Oreg. Railroad crossing and danger signal. 2,200,739; May 14.
Evans, Donald E., assignor, by mesne assignments, to Boeing Aircraft Company, Seattle, Wash. Airplane wing flap. 2,226,811; Dec. 31.
Evans, Edwin R., Champaign, Ill. Brake mechanism. 2,214,900; Sept. 17.
Evans, Edwin R., Orchard Lake Village, Mich. Automatic clutch. 2,216,771; Oct. 8.
Evans, Edwin R., Orchard Lake, Mich. Clutch device. 2,218,379; Oct. 15.
Evans, Everett I., Washington, D. C. Isolating and purifying the lactogenic hormone. 2,211,411; Aug. 13.
Evans, Frank. (See Miller, J. H., and Evans.)
Evans, Frank E., Sr., Gretna, La. Barrel hoop measuring means. 2,201,135; May 21.
Evans, Franklin J., Hazleton, Pa., assignor to Oliver United Filters Incorporated, Oakland, Calif. Filter. 2,220,322; Nov. 5.
Evans, George, Corporation, The. (See Arnold, Louis E., assignor.)
Evans, George H., assignor of one-half to R. K. Stevens, Washington, D. C. Sign apparatus. 2,199,308; Apr. 30.

Evans, George H., assignor of one-half to R. K. Stevens, Washington, D. C. Display sign. 2,214,410; Sept. 10.
Evans, George H., assignor of one-half to R. K. Stevens, Washington, D. C. Display sign. 2,214,411; Sept. 10.
Evans, George H., assignor of one-half to R. K. Stevens, Washington, D. C. Display sign. 2,214,412; Sept. 10.
Evans, George S. (See Knowles, D. C., and Evans.)
Evans, George S., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Crater cathode. 2,189,629; Feb. 6.
Evans, George S., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrode-cathode (replenishing coating). 2,212,828; Aug. 27.
Evans, George S., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cathode for electron tubes. 2,217,436; Oct. 8.
Evans, Grover C., Little Rock, Ark. Water heating system for bottle washing machines. 2,186,860; Jan. 9.
Evans, Gwynne, St. Louis, Mo. Improving the flavor of coffee. 2,188,179; Jan. 23.
Evans, H. C., & Co. (See Collins, Edward J., assignor.)
Evans, Harry L., Newport, R. I., and G. I. Hohl, Brooklyn, N. Y. Packet making and filling machine. 2,189,729; Feb. 6.
Evans, Harry W., Anaheim, assignor of one-half to H. J. Eastman, Long Beach, Calif. Offset drilling tool. 2,212,594; Aug. 27.
Evans, Helen, Brooklyn, N. Y. Comb. 2,221,446; Nov. 12.
Evans, James M., Detroit, Mich., assignor, by mesne assignments, to Grade Crossing Guard Corporation, Memphis, Tenn. Hydraulic operating device. 2,187,513; Jan. 16.
Evans, James M., Detroit, Mich., assignor to Grade Crossing Guard Corp., Memphis, Tenn. Crossing protective system. 2,213,308; Sept. 3.
Evans, James M., O. V. Cardinal, and S. M. Nampa, Detroit, Mich, assignors, by mesne assignments, to Grade Crossing Guard Corporation, Memphis, Tenn. Hydraulic operating device. 2,193,125; Mar. 12.
Evans, James M., and E. J. Phillips, assignors to Evans Products Company, Detroit, Mich. Interlockng relay. 2,203,779; June 11.
Evans, James M., Detroit, Mich., and E. J. Phillips, Chicago, Ill., assignors to Evans Products Company, Detroit, Mich. Control system. 2,209,225; July 23.
Evans, James N. (See Adams, O. P., and Evans.)
Evans, James R., Indianapolis, Ind. Display and dispensing device. 2,199,196; Apr. 30.
Evans, Joe A., Heflin, Ala. Cultivator. 2,195,513; Apr. 2.
Evans, John, Indiana Harbor, Ind. Universally movable transport vehicle. 2,202,650; May 28.
Evans, John G., H. A. Piggott, and C. S. Woolvin, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Dyeing. 2,201,814; May 21.
Evans, John G., H. A. Piggott, R. J. W. Reynolds, J. D. Rose, and E. E. Walker, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Dyed cellulosic material. 2,203,492; June 4.
Evans, John G., H. A. Piggott, R. J. W. Reynolds, J. D. Rose, and E. E. Walker, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Treatment of cellulosic material. 2,203,493; June 4.
Evans, John Oaklyn, N. J., assignor to Radio Corporation of America. Radio transmitter. 2,192,967; Mar. 12.
Evans, John R., West Pittston, Pa. Exercising ball and support therefor. 2,186,016; Jan. 9.
Evans, Kelley D., assignor of one-half to C. E. Hooven, Hamilton, Ohio. Typewriter. 2,198,005; Apr. 23.
Evans', L. B., Son Company. (See Wilkinson, E. W., and Hurd, assignors.)
Evans, Leigh R., assignor to Hardinge Brothers, Inc., Elmira, N. Y. Feeding work in automatic screw machines. 2,221,734; Nov. 12.
Evans, Lionel F. (See Avery, H. A., Barkdoll, and Evans.)
Evans, Louis W., Salineville, Ohio. Dental impression mold. 2,202,577; May 28.
Evans, Maud E., Detroit, Mich. Auxiliary bag for vacuum cleaners. 2,188,428; Jan. 30.
Evans, Maynard B., Detroit, Mich., assignor to Westinghouse X-Ray Company, Inc., Long Island City, N. Y. Apparatus for identifying x-ray films. 2,222,022; Nov. 19.
Evans, Morris E. B. (See Quick, C. G. Skinner, and Evans.)
Evans, Morris S., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Work holder. 2,208,251; July 16.
Evans, Oscar G., Danville, Va. Flashlight attachment. 2,215,829; Sept. 24.
Evans, Paul. (See Zuck, P. E., and Evans.)
Evans Products Company. (See Brockenbrough, W. M., and Norris, assignors.)
Evans Products Company. (See Christman, John N. H., assignor.)
Evans Products Company. (See Davey, S. J., and Christman, assignors.)
Evans Products Company. (See Downs, William T., assignor.)
Evans Products Company. (See Evans, J. M., and Phillips, assignors.)
Evans Products Company. (See Lintern, Alfred R., assignor.)
Evans Products Company. (See Lintern, William and A. R.)
Evans, Ralph L., Bay Shore, N. Y. Hair clamp. 2,200,266; May 14.
Evans, Ralph L., Bay Shore, and E. G. McDonough, Yonkers, N. Y. Heat indicator. 2,196,201; Apr. 9.
Evans, Ralph M., assignor to Eastman Kodak Company, Rochester, N. Y. Integral mask for color film. 2,203,653; June 4.
Evans, Ralph M., and W. T. Hanson, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Photographic reversal process. 2,193,023; Mar. 12.
Evans, Richard J., Youngstown, Ohio. Rope and wire tie. 2,214,499; Sept. 10.
Evans, Robert D., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High speed presetting relay. 2,189,630; Feb. 6.
Evans, Robert D., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Relay system for eliminating direct-current effects of transients. 2,192,035; Feb. 27.
Evans, Robert D., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Rectifier connection for high voltage direct current circuits. 2,193,585; Mar. 12.
Evans, Robert D., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Excitation control apparatus. 2,208,414; July 16.
Evans, Ronald C., assignor to Elgin Sweeper Company, Elgin, Ill. Sweeper. 2,189,859; Feb. 13.
Evans, Russell. (See Mettler, J. W., Miller, and Evans.)
Evans, Sidley O., Pittsfield, Mass., assignor to General Electric Company. Transformer assembling method and apparatus. 2,221,687; Nov. 12.
Evans, Sylvester M., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Vulcanization of rubber. 2,222,867; Nov. 26.
Evans, Theodore W., Berkeley, and E. F. Bullard, Oakland, assignors to Shell Development Company, San Francisco, Calif. Secondary ethers of polyhydric alcohols. 2,197,467; Apr. 16.
Evans, Walter B. (See Hoppes, E. F., Garratt, and Evans.)
Evans, William E., Waterbury, assignor to The Waterbury Lock and Specialty Company, Milford, Conn. Rolling rule. 2,203,134; June 4.
Evans, William H., Chicago, Ill. Cutting tool. 2,218,380; Oct. 15.
Evans, William J., Akron, Ohio. Pinless curtain stretcher. 2,213,879; Sept. 3.
Evans, William J. R., and W. F. Smith, Blackley, England, assignors to Imperial Chemical Industries Limited. Colored rubberized fabrics. 2,192,705; Mar. 5.
Evans, William T. (See Millington, J. W., and Evans.)
Evarts, Ralph E., assignor to The Bastian-Blessing Co., Chicago, Ill. Pipe joint. 2,190,419; Feb. 13.
Eveleth, Clarence M., River Forst, Ill. Countersink. 2,223,485; Dec. 3.
Evelyn, Kenneth A., Montreal, Quebec, Canada. Photoelectric colorimeter. 2,193,315; Mar. 12.
Evelyn, Steven F., Holyoke, Mass., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Compressor unloader. 2,191,908; Feb. 27.
Even, Nicholas, Minneapolis, and A. Korsmo, Hopkins, assignors to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Implement hitch. 2,226,556; Dec. 31.
Evenson, Andrew, Canby, assignor of thirty percent to S. K. Nomeland, Porter, Minn. Grain sieve. 2,201,083; May 14.
Evenson, Edwin R., Fargo, N. Dak. Fishing tackle. 2,219,983; Oct. 29.
Evenstad, Sydney T., Alhambra, assignor to W. F. MacGlashan, Pasadena, Calif. Making lightweight concrete. 2,199,046; Apr. 30.
Everard, Frederick W., Willoughby, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Carrier for overhead tram rail systems. 2,196,065; Apr. 2.
Everest, Arthur E., and J. A. Wallwork, assignors to John W. Leitch & Company, Limited, Huddersfield, England. Dyestuff intermediate. 2,193,556; Mar. 12.
Everest, Arthur E., and J. A. Wallwork, assignors to John W. Leitch & Company, Limited, Huddersfield, England. Dyestuff intermediate. 2,193,557; Mar. 12.
Everett, Charles A., Huntington, W. Va., assignor to Owens-Illinois Glass Company. Method of and apparatus for facilitating inspection of glass articles. 2,219,572; Oct. 29.
Everett, Charles V., assignor to The Massey-Harris Co., Racine, Wis. Mower attachment for tractors. 2,198,910; Apr. 30.
Everett, Edward A., Long Island City, N. Y., assignor to M. H. Loughridge, Bogota, N. J. Bond for rail joints. 2,197,793; Apr. 23.
Everett, Edward A., Long Island City, N. Y., deceased; G. A. Nelson and W. R. Loughridge, executors, assignors to M. H. Loughridge, Bogota, N. J. Railway rail drilling machine. 2,201,032; May 14.
Everett, Edward A., assignor to Nande Corporation, New York, N. Y. Track drilling machine. 2,201,033; May 14.

Everett, Edward A., deceased, New York, N. Y.; G. A. Nelson and W. R. Loughridge, executors, assignors to M. H. Loughridge, Bogota, N. J. Attachment for securing a stranded conductor to a rail. 2,222,609; Nov. 26.
Everett, Elwin R., Conklin, N. Y., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for use in applying pressure to shoe bottoms. 2,189,943; Feb. 13.
Everett, George I., Jackson Heights, Long Island, and D. W. Colton, New York, N. Y. Nose protector. 2,197,973; Apr. 23.
Everett, Samuel J., Norbury, London, England. Hypodermic needle mount. 2,219,089; Oct. 22.
Everett, Zelma R. (See Nygaard, Karl F. V., assignor.)
Everheart, Eugene W., and V. A. Brussolo, Pachuca, Hidalgo, Mexico. Drill. 2,200,444; May 14.
Evering, Bernard L., and G. G. Lamb, assignors to Standard Oil Company, Chicago, Ill. Conversion of hydrocarbon products. 2,220,090; Nov. 5.
Evering, Bernard L., and G. G. Lamb, assignors to Standard Oil Company, Chicago, Ill. Conversion of hydrocarbon products. 2,220,091; Nov. 5.
Evering, Bernard L., and G. G. Lamb, assignors to Standard Oil Company, Chicago, Ill. Conversion of hydrocarbon products. 2,220,092; Nov. 6.
Everitt, William L., Columbus, Ohio, assignor to Collins Radio Company, Cedar Rapids, Iowa. Antenna system. 2,198,604; Apr. 30.
Evers, Fritz, Berlin-Wilmersdorf, W. Herrmann, Berlin-Charlottenburg, and P. Werner, Berlin-Neulichtenberg, Germany, assignors, by mesne assignments, to Radio Patents Corporation, New York, N. Y. Electrolytic condenser. 2,209,770; July 30.
Evers, Harry G., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,214,245; Sept. 10.
Evers, William L., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricant and producing same. 2,188,943; Feb. 6.
Eversharp Lawnmower Co. (See Bobbroff, James D., assignor.)
Everson, John L., Oakland, Calif. Animal harness. 2,187,021; Jan. 16.
Everson, Roy B., Chicago, Ill. Gas dispensing apparatus. 2,195,273; Mar. 26.
Everwear Manufacturing Company, The. (See Hoppes, Edwin F., assignor.)
Everwear Manufacturing Company, The. (See Hoppes, E. F., Garratt, and Evans, assignors.)
Evjen, Haakon M., and D. S. Muzzey, Jr., Houston, Tex., assignors to Shell Development Company, San Francisco, Calif. Gravity measuring instrument. 2,217,361; Oct. 8.
Evleth, Earl M., Inglewood, assignor to L. C. Roney, Inc., Los Angeles, Calif. Cylinder valve. 2,216,292; Oct. 1.
Evoy, Martin, Abington, Pa. Automatic weighing conveyer. 2,221,396; Nov. 12.
Evrell, Kaleb E., assignor to Aktiebolaget Bolinders-Munktell, Eskilstuna, Sweden. Adjusting apparatus in edging machines. 2,198,194; Apr. 23.
Ewald, Arno A., Oakfield, assignor to Romort Manufacturing Company, Fond du Lac, Wis. Charging apparatus for elastic fluids. 2,225,690; Dec. 24.
Ewald, Carl A., Seattle, Wash. Respirator. 2,201,690; May 21.
Ewald, Gustav, North Tonawanda, and B. T. McGary, Tonawanda, assignors to Remington Rand Inc., Buffalo, N. Y. Folder making machine. 2,186,901; Jan. 9.
Ewald, Kurt, Esslingen, Germany, assignor to Henschel & Sohn G. m. b. H., Kassel, Germany. Brake for vehicles operated by steam-driven piston engines. 2,210,363; Aug. 6.
Ewald, Mark, Olympia, Wash., assignor to Special Equipment Company, Portland, Oreg. Method and apparatus for treating fruit. Re. 21,540; Aug. 27.
Ewald, Mark, Olympia, Wash., assignor to Special Equipment Company, Portland, Oreg. Method of and apparatus for treating fruit. 2,197,794; Apr. 23.
Ewald, Mark, Olympia, Wash., assignor to Special Equipment Company, Portland, Oreg. Apparatus for treating fruit. 2,201,967; May 21.
Ewald, Mark, Olympia, Wash., assignor to Special Equipment Company, Portland, Oreg. Fruit treating apparatus. 2,210,908; Aug. 13.
Ewald, Mark, Olympia, Wash., assignor to Special Equipment Company, Portland, Oreg. Fruit treating apparatus. 2,210,909; Aug. 13.
Ewald, Mark, Olympia, Wash., assignor to Special Equipment Company, Portland, Oreg. Peel scavenging mechanism for fruit treating apparatus. 2,210,910; Aug. 13.
Ewald, Raymond, L., and H. A. Skog, Olympia, Wash., assignors to Special Equipment Company, Portland, Oreg. Method of and apparatus for pitting fruit. 2,216,165; Oct. 1.
Ewald, Warren, La Crosse, Wis. Air conditioning apparatus. 2,216,551; Oct. 1.
Ewald, Warren, assignor to Young Radiator Company, Racine, Wis. Cushion seal bearing. 2,196,388; Apr. 9.
Ewald, Wolfgang F., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Band-width indicator for receivers. 2,197,759; Apr. 23.
Ewaldson, Waldemar C., Millington, and H. Kress, North Plainfield, N. J., assignors to Western Electric Company, Inc., New York, N. Y. Apparatus for handling strands. 2,201,288; May 21.
Ewaldson, Waldemar C., Millington, and H. Kress, North Plainfield, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for treating strands. 2,217,337; Oct. 8.
Ewart, Elliott S. (See Sloman, C. M., and Ewart.)
Ewell, Elvin A., Bellevue, assignor of thirty-five one hundreds to R. J. Wimberley, Burkburnett, Tex. Tire tool. 2,226,757; Dec. 31.
Ewer, Roland G. (See Voorhees, E., and Ewer.)
Ewer, Roland G., East Orange, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Chilling machine. 2,191,909; Feb. 27.
Ewertz, Gordon E., Elizabeth, N. J. Gauge and control apparatus for liquid containers. 2,202,197; May 28.
Ewing Development Company. (See Ewing, Walkley B., assignor.)
Ewing, Edwin C., Jr., assignor of one-half to Aurex Corporation, Chicago, Ill. Vacuum tube filament. 2,226,281; Dec. 24.
Ewing, Frederick J., Pasadena, assignor to Union Oil Company of California, Los Angeles, Calif. Solvent extraction of oxygenated products. 2,222,215; Nov. 19.
Ewing, George W. (See Chandler, D. L., and Ewing.)
Ewing, George W., Peabody, and D. L. Chandler, assignors to Aresee Company Inc., Salem, Mass. Automobile window ventilator control. 2,198,911; Apr. 30.
Ewing, George W., Peabody, D. L. Chandler, and F. H. Walker, assignors to Aresee Company Inc., Salem, Mass. Electrically operated window. 2,220,323; Nov. 5.
Ewing, S. Q., St. Louis, Mo. Oiler. 2,206,173; July 2.
Ewing, Walkley B., Grand Rapids, assignor to Ewing Development Company, Bay City, Mich. Screen. 2,194,222; Mar. 19.
Ewing, Walkley B., Grand Rapids, assignor to Ewing Development Company, Bay City, Mich. Weaving machine. 2,223,317; Nov. 26.
Ewins, Arthur J., Gidea Park, Romford, and J. N. Ashley, Upminster, assignors to May & Baker, Limited, London, England. Diamidino stilbenes and making them. 2,204,983; June 18.
Ewins, Arthur J., Romford, and G. Newbery, Hutton, assignors to May & Baker, Limited, London, England. Oil soluble esters of phenyl-thioarsonites. 2,209,876; July 30.
Exact Weight Scale Company, The. (See Flanagan, Thomas B., assignor.)
Excel Auto Radiator Company. (See Fink, Henry W., assignor.)
Excel Auto Radiator Company. (See Sperry, Philmore F., assignor.)
Excel Curtain Company. (See Levan, John F., assignor.)
Ex-Cell-O Corporation. (See Alden, Carroll R., assignor.)
Ex-Cell-O Corporation. (See Snader, Ira J., assignor.)
Excello Hosiery Mills. (See Mendelsohn, L. H., and German, assignors.)
Excelsior Accordions, Inc. (See Pancotti, Roberto, assignor.)
Excelsior Hardware Company, The. (See Komenak, Albert J., assignor.)
Excelsior Pearl Works, Inc. (See Bacon, Leonard W., Jr., assignor.)
Excelsior Pearl Works, Inc. (See Knott, Warren E., assignor.)
Exercycle Corporation. (See Bergfors, Gordon, assignor.)
Exhibit Supply Company. (See Butterworth, Willoughby H., assignor.)
Exhibit Supply Company, The. (See Radtke, Bruno, assignor.)
Exhibit Supply Company, The. (See Solinski, Charles A., assignor.)
Ex Lax, Inc. (See Hubacher, Max, assignor.)
Exline, William, Inc. (See Maguire, William T., assignor.)
Exner, Donald W., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulator. 2,205,350; June 18.
Exner, Donald W., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Temperature compensation for voltage regulators. 2,217,473; Oct. 8.
Exner, Virgil M., assignor to General Motors Corporation, Detroit, Mich. Bumper. 2,193,229; Mar. 12.
Exolon Company, The. (See Ramsey, Dell M., assignor.)
Experimental Laboratories, Incorporated. (See Dunham, Clayton A. and A. R., assignors.)
Express Lift Company Limited, The. (See Wells, Lancelot E., assignor.)
Exter, Robert J., Oak Lawn, assignor to Wyman-Gordon Company, Harvey, Ill. Dynamic balance angle finding apparatus. 2,210,285; Aug. 6.
Extractol Process, Ltd. (See Bonotto, Michele, assignor.)
Eyerly, Lee U., Salem, Oreg. Amusement device. 2,221,215; Nov. 12.
Eyman, Frank H., Oak Park, assignor to Art Novelty Manufacturing Company, Chicago, Ill. Seal press. 2,187,773; Jan. 23.
Eytman, Frank A., Turlock, Calif. Circuit breaker for motor vehicles. 2,188,144; Jan. 23.

Fabart Instrument Company. (See Schick, Matt D., assignor.)
Fabbrica Automobili Isotta Fraschini. (See Tebaldi, Alessandro, assignor.)
Fabbrica Italiana Magneti Marelli Società Anonima (See Kamenarović, Leone, assignor.)
Fabbrica Italiana Magneti Marelli Soc. An. (See Monti-Guarnieri, Gaetano, assignor.)
Faber, Ernst, Stuttgart, Germany. Machine for operating on floors. 2,220,224; Nov. 5.
Faber, Herbert A., Cincinnati, Ohio. Composite sanitary fixture. 2,198,605; Apr. 30.
Faber, Herbert A., Cincinnati, Ohio. Roof construction. 2,211,371; Aug. 13.
Faber, Herbert A., Cincinnati, Ohio. Roofing structure. 2,213,519; Sept. 3.
Faber, Herbert A., Cincinnati, Ohio. Building construction. 2,218,705; Oct. 22.
Faber, John P., Dunellen, assignor to Ransome Concrete Machinery Company, Plainfield, N. J. Hydraulic water control and lock for concrete mixers. 2,191,072; Feb. 20.
Faber, John P., Dunellen, assignor to Ransome Concrete Machinery Company, Plainfield, N. J. Welding manipulator. 2,224,958; Dec. 17.
Faber, Marshall L., et al. (See Willing, M. S., Scribner, and Morders, assignors.)
Faber, Otto. (See Schwarz, E. A., and Faber.)
Faber, Philip, assignor to S. Faber, Brooklyn, N. Y. Game apparatus. 2,211,617; Aug. 13.
Faber, Stanley. (See Faber, Philip, assignor.)
Faberei-und Appretur-Gesellschaft Vorm. A. Clavel und Fritz Lindenmeyer. (See Clavel, R., and Stanisz, assignors.)
Fabriani, Silvio, New York, N. Y. Removable sliding window. 2,201,105; May 14.
Fabrica Utaliana Magneti Marelli Soc. An. (See Marzetti, Manlio, assignor.)
Fabrice, Edward H., Chicago, Ill. Sealed receptacle. 2,186,580; Jan. 9.
Fabrik Elektr. Apparate Fr. Suter A. G. (See Ninnelt, Alfred, assignor.)
Fabriksaktiebolaget Haldataxametern. (See Östberg, Karl G., assignor.)
Fabrin, Axel O., assignor to Layne and Bowler, Incorporated, Memphis, Tenn. Rubber bearing. 2,219,519; Oct. 29.
Fabriques de Produits de Chemie Organique de Laire. (See Langlois, G. A., and Deldoson, assignors.)
Fabry, William H. (See Bowdish, Meredith E., assignor.)
Facer, Leroy H., Phelps, N. Y., assignor to Facerform Corporation, Ridgewood, N. J. Producing superphosphate fertilizers. 2,213,243; Sept. 3.
Facerform Corporation. (See Facer, Leroy H., assignor.)
Fackt, George P., Palos Verdes Estates, Calif. Kiln. 2,215,581; Sept. 24.
Factor, Max, & Co. (See Ferentzy, Steven, assignor.)
Factor, Max, & Co. (See Jewel, P. W., and Pratt, assignors.)
Fader, William, Newark, N. J. Combined radiator cover and support. 2,225,104; Dec. 17.
Faessler, J., The. (See Maupin, Graves R., assignor.)
Fafnir Bearing Company, The. (See Betz, William C., assignor.)
Fafnir Bearing Company, The. (See Searles, Raymond R., assignor.)
Fafnir Bearing Company, The. (See Searles, R. R., and Smith, assignors.)
Fafnir Bearing Company, The. (See Stanley, Charles F., assignor.)
Fager, Eugene P., Winnetka, assignor to Dearborn Chemical Company, Chicago, Ill. Water treating apparatus. 2,190,060; Feb. 13.
Fagerholm, David R., San Francisco, Calif. Amusement device. 2,205,471; June 25.
Fagerholm, David R., San Francisco, Calif. Fish lure. 2,205,472; June 25.
Fagerholm, Erik, Stockholm, Sweden, assignor to Henry Wild Surveying Instruments Supply Co., Ltd., Heerbrugg, Switzerland. Nomomechanical calculating apparatus. 2,220,399; Nov. 5.
Fagg, John H., Chico, Calif. Transmission mechanism. 2,209,155; July 23.
Fagone, Anthony, East Brookfield, Mass. Gauge for pulling over machines. 2,201,646; May 21.
Fahland, Frank, assignor to Union Pacific Railroad Company, Omaha, Nebr. Supporting structure for railway cars and like vehicles. 2,198,155; Apr. 23.
Fahlberg-List Aktiengesellschaft Chemische Fabriken, (See Memminger, Karl, assignor.)
Fahlberg-List Aktiengesellschaft Chemische Fabriken. (See Memminger, K., and Gaudian, assignors.)
Fahlman, Everett G., Rocky River, assignor to The Permold Company, Cleveland, Ohio. Cooling internal combustion engine and cylinder head for same. 2,188,876; Jan. 30.
Fahlman, Everett G., Lakewood, Cleveland, assignor to The Permold Company, Cleveland, Ohio. Cylinder head. 2,205,646; June 25.
Fahner, Warren E., et al. (See Lamberth, George F., assignor.)
Fahnestock, Adam G., Lititz, Pa. Mower. 2,188,110; Jan. 23.
Fahnestock, Frank C. (See Sheldon, H. W., and Fahnestock.)
Fahrney, Delmer S., U. S. Navy. Wire propeller blade. 2,189,785; Feb. 13.
Failing, George E., Supply Company, The. (See Caldwell, Walter T., assignor.)
Failing, George E., Supply Company, The. (See Caldwell, W. T., and Lang, assignors.)
Failing, George E., Supply Company, The. (See Failing, T. E., and Caldwell, assignors.)
Failing, George E., Supply Company, The. (See Lang, John P., assignor.)
Failing, Tweed E., Houston, Tex., and W. T. Caldwell, assignors to The George E. Failing Supply Company, Enid, Okla. Piston packing. 2,211,454; Aug. 13.
Failor, Charles W. (See Kemmerer, R. R., and Failor.)
Fair, Gordon M., Cambridge, Mass., and W. F. Wells, Swarthmore, Pa. Method of and apparatus for preventing infection. 2,198,867; Apr. 30.
Fair, Irvin E. (See Lack, F. R., Willard, and Fair.)
Fairbairn, Alasdair W. (See Engs, W., Groll, and Fairbairn.)
Fairbairn, John J., Roosevelt, and S. D. Robins, Hewlett, N. Y., assignors to Robins Conveying Belt Company, Passaic, N. J. Idler roll. 2,207,790; July 16.
Fairbank, Carl S. (See Burdick, J. S., and Fairbank.)
Fairbanks, Clarence T., Chicago, Ill. Bottle collar. 2,221,761; Nov. 19.
Fairbanks, Morse & Co. (See Antonsen, Anker K., assignor.)
Fairbanks, Morse & Co. (See Brauer, Otto H., assignor.)
Fairbanks, Morse & Co. (See Budzien, Hugo F., assignor.)
Fairbanks, Morse & Co. (See Burbank, Wendell T., assignor.)
Fairbanks, Morse & Co. (See Davids, Hans, assignor.)
Fairbanks, Morse & Co. (See Dick, Robert I., assignor.)
Fairbanks, Morse & Co. (See Endsley, Louis E., assignor.)
Fairbanks, Morse & Co. (See Grutzner, Fritz P., assignor.)
Fairbanks, Morse & Co. (See Guthrie, Bernard M., assignor.)
Fairbanks, Morse & Co. (See Macnabb, Vernon C., assignor.)
Fairbanks Morse & Co. (See Schettler, Wesley W., assignor.)
Fairbanks, Morse & Co. (See Vogel, Edward A., assignor.)
Fairbanks, Morse & Co. (See Williams, Robert D., assignor.)
Fairbanks, Philip R., Ogden, Utah. Dump truck gate closing device. 2,226,901; Dec. 31.
Fairchild Aerial Camera Corporation. (See Gaty, J. P., and Doyle, assignors.)
Fairchild Aerial Camera Corporation. (See Lutz, F. W., and Peace, assignors.)
Fairchild, Charles O., St. Albans, assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Photoelectric indicating controller. 2,205,777; June 25.
Fairchild, Charles O., St. Albans, assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Recording potentiometer. 2,207,343; July 9.
Fairchild, Charles O., St. Albans, assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Recording potentiometer. 2,207,344; July 9.
Fairchild, Charles O., St. Albans, assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Throttling regulator for electric furnaces. 2,218,464; Oct. 15.
Fairchild, Charles O., and S. B. Osterlund, St. Albans, assignors to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Recording and controlling system. 2,209,717; July 30.
Fairey Aviation Company Limited. (See Hills, John L., assignor.)
Fairhurst, Isaac J. D., Cedar Falls, Iowa. Shower bathtub. 2,204,929; June 18.
Fairley, William, Oakland, Calif. Window. 2,200,692; May 14.
Fairlie, Andrew M., Atlanta, Ga. Filling material for reaction spaces. 2,212,932; Aug. 27.
Fairlie, Matthew, Hammond, Ind., assignor to Sinclair Refining Company, New York, N. Y. Lubricating oil. 2,222,938; Nov. 26.
Fairmont Glass Works, Incorporated. (See Figel, Jesse E., assignor.)
Fairweather, David A. W., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Dry dyestuff preparation. 2,203,257; June 4.
Faist, Jacob, Closter, N. J. Screw cutting nipper. 2,202,340; May 28.
Falco, John V., Everett, Mass. Electric unit heater. 2,221,703; Nov. 12.
Fales, Elisha N. (See Stuart, Harve R., assignor.)
Fales, William F. (See Fales, William H., and W. F.)
Fales, William H. and W. F., North Hempstead, N. Y. Casein component of water paints. 2,217,513; Oct. 8.
Falge, Robert N., and H. C. Mead, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Bulb supporting and sealing device. 2,219,770; Oct. 29.
Falk, Charles T., assignorto Washable Seat Cover Company, Kansas City, Mo. Reversible automobile seat cover. 2,227,180; Dec. 31.
Falk, Clarence E., et al. (See Rich, David, assignor.)

Falk Corporation, The. (See Bade, Alfred G., assignor.)
Falk Corporation, The. (See Parsons, Fred A., assignor.)
Falk Corporation, The. (See Schmitter, Walter P., assignor.)
Falk Corporation, The. (See Schmitter, W. P., and Bade, assignors.)
Falk Corporation, The. (See Slonneger, John C., assignor.)
Falk Corporation, The. (See Wiken, Ralph, assignor.)
Falk, Harry, Silver Spring, Md. Clothesline holder. 2,206,174; July 2.
Falk, Mark, Los Angeles, Calif. Roof truss. 2,214,049; Sept. 10.
Falk, Morris, Leominster, assignor to Independent Lock Company, Fitchburg, Mass. Lock. 2,200,714; May 14.
Falk, Morris, Leominster, assignor to Independent Lock Company, Fitchburg, Mass. Plastic doorknob construction. 2,216,467; Oct. 1.
Falkenberg, William F., Chicago, Ill. Interlock control system. 2,210,852; Aug. 6.
Falkenberg, William F., Chicago, Ill. Valve control system. 2,210,853; Aug. 6.
Falkenberg, William P. (See Hall, J. R., and Falkenberg.)
Falkenhagen, Fritz, Berlin-Friedenau, assignor to Steatit-Magnesia Aktiengesellschaft, Berlin-Pankow, Germany. Mechanical movement. 2,223,848; Dec. 3.
Falkovitz, Morris, assignor to The Nu Pocket Method Co., Philadelphia, Pa. Garment pocket. 2,209,197; July 23.
Falkovitz, Morris, assignor to The Nu Pocket Method Co., Philadelphia, Pa. Pocket construction for trousers. 2,209,718; July 30.
Faller, Ernest A., Brooklyn, assignor to International Business Machines Corporation, New York, N. Y. Electric plug. 2,199,560; May 7.
Fallon, Henry A., Kansas City, assignor to Hillyard Chemical Company, St. Joseph, Mo. Surface treating machine. 2,211,716; Aug. 13.
Fallon, John, Smethwick, near Birmingham, England. Sealing the charging and discharging apertures of continuous or intermittent furnaces. 2,200,619; May 14.
Fallon, William T., Douglaston, Long Island, N. Y. Tie former. 2,208,695; July 23.
Fallows, Leonard. (See Dreyfus, H., and Fallows.)
Fall River Curtain Company. (See Grundstein, Irving R., assignor.)
Falls, Herbert P., Vancouver, British Columbia, Canada. Concrete building construction. 2,204,583; June 18.
Falta, Wolfgang, Berlin; E. Gretener, Berlin-Siemensstadt; H. Neugebauer, Berlin-Charlottenburg; and H. Staude, Berlin-Tempelhof, Germany, assignors, by mesne assignments, to Kislyn Corporation, New York, N. Y. Varying the gradation of lenticulated color films. 2,216,004; Sept. 24.
Faltermayer, Frederick W., Philadelphia, Pa. Speed change device. 2,192,731; Mar. 5.
Faltz, William D. (See Isidore, R., and Faltz.)
Fanberg, Clemons J. Z., Kerkhoven, Minn. Rotary internal combustion motor. 2,215,096; Sept. 17.
Fanelli, Rocco. (See Bacon, R. F., and Fanelli.)
Fank, Herman, Alden, Iowa. Clover and alfalfa hulling attachment for threshing machines and combines. 2,202,760; May 28.
Fanning, Hubert D. and L. V., Bokoshe, Okla. Coal cutting machine. 2,200,419; May 14.
Fanning, Loyd V. (See Fanning, Hubert D. and L. V.)
Fansteel Metallurgical Corporation. (See Balke, Clarence W. and C. C.)
Fansteel Metallurgical Corporation. (See Balke, C. W., Hunter, and Haskell, assignors.)
Fansteel Metallurgical Corporation. (See Hunter, Frederick L., Jr., assignor.)
Farastan Company, The. (See Ebert, Joseph, assignor.)
Farbenindustrie Aktiengesellschaft. (See Kuhn, E., and Kallmann, assignors.)
Farber, S. W., Inc. (See Foster, Hoyt K., assignor.)
Faries Manufacturing Company. (See Cloutier, Paul N., assignor.)
Faries Manufacturing Company. (See Hansen, Jesper, assignor.)
Farina, Julius, Springfield, Mass. Footwear heel fastener. 2,224,476; Dec. 10.
Faris, Albert H., Lawrence, Kans. Wall unit for sliding doors. 2,220,400; Nov. 5.
Faris, Burt F. (See Coffman, D. D., and Faris.)
Faris, Harold P., Philadelphia, Pa., D. W. Yochum, and R. B. Logan, Trenton, N. J., assignors to National Automotive Fibres, Inc., Detroit, Mich. Carpet. 2,187,140; Jan. 16.
Farkas, Emil N. (See Farkas, Frank F., assignor.)
Farkas, Emil N., assignor of one-half to F. F. Farkas, Chicago, Ill. Loose-leaf binding method and apparatus. 2,200,877; May 14.
Farkas, Emil N., assignor of one-half to F. F. Farkas, Chicago, Ill. Loose-leaf binder. 2,202,097; May 28.
Farkas, Emil N., assignor of one-half to F. F. Farkas, Chicago, Ill. Loose-leaf binder. 2,202,518; May 28.
Farkas, Emil N., assignor of one-half to F. F. Farkas, Chicago, Ill. Leaf binding device. 2,206,394; July 2.
Farkas, Frank F. (See Farkas, Emil N., assignor.)
Farkas, Frank F., assignor of one-half to E. N. Farkas, Chicago, Ill. Spiral binder. 2,188,680; Jan. 30.
Farkas, Joseph, Robert, La. Roofing and fastening means therefor. 2,205,520; June 25.
Farley, Curtis M., San Diego, Calif. Holder. 2,221,704; Nov. 12.
Farley, Jesse K., Jr., Evanston, Ill. Candy. 2,221,373; Nov. 12.
Farlow, Mark W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of secondary alkyl sulphonic acds. 2,204,210; June 11.
Farlow, Thomas M., Manilla, Ind. Power generating unit. 2,221,185; Nov. 12.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Speed controlled brake. 2,191,822; Feb. 27.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Wheel brake device. 2,194,743; Mar. 26.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle brake system. 2,194,744; Mar. 26.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Drum brake. 2,194,745; Mar. 26.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Signal horn. 2,198,026; Apr. 23.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake ventilation control means. 2,198,027; Apr. 23.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,198,028; Apr. 23.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Wheel slip control means. 2,198,029; Apr. 23.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,198,030; Apr. 23.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle brake and sanding apparatus. 2,198,031; Apr. 23.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Antiskid device. 2,198,032; Apr. 23.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Inertia type brake control means. 2,198,033; Apr. 23.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Inertia type brake controller. 2,198,034; Apr. 23.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake cylinder device. 2,204,795; June 18.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Retaining valve device. 2,204,796; June 18.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle sanding device. 2,208,755; July 23.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressed air dehydrating apparatus. 2,208,756; July 23.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,211,888; Aug. 20.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Splash lubricated air compressor. 2,211,889; Aug. 20.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,211,916; Aug. 20.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Load brake mechanism. 2,215,350; Sept. 17.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake shoe mounting. 2,215,351; Sept. 17.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake valve device. 2,223,032; Nov. 26.
Farmer, George C., Chicago, Ill., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,211,890; Aug. 20.
Farmer, Horace E., Grosse Pointe Farms, Mich. Pretzel making apparatus. 2,210,864; Aug. 6.
Farmer, Horace V., Sault Ste. Marie, Ontario, Canada. Cigarette package holder. 2,195,514; Apr. 2.
Farmer, John A., Lancaster, assignor to A. H. Hoffman, Inc., Landisville, Pa. Foldable blank box. 2,187,304; Jan. 16.
Farmer, John A., Lancaster, assignor to A. H. Hoffman, Inc., Landisville, Pa. Sealing folded blank boxes. 2,187,305; Jan. 16.
Farmer, John A., Lancaster, assignor to A. H. Hoffman, Inc., Landisville, Pa. Sealing bags. 2,188,039; Jan. 16.
Farmer, John F., Indianapolis, Ind. Constant height adjustable grille. 2,225,167; Dec. 17.
Farmer, Joseph S., Junction, Tex. Portable circular saw. 2,216,971; Oct. 8.
Farmer, Richard O. (See Strang, E. S., Farmer, and Koenig.)
Farmer, Samuel J., Amigo, W. Va. Mining machine. 2,212,289; Aug. 20.
Farmer, Thomas, Mamaroneck, N. Y. Bottle capper. 2,204,851; June 18.

Farmer, William M. R., Wyandotte, Mich. Indicator. 2,189,631; Feb. 6.
Farm Tool, Inc. (See Warne, Frederick C., assignor.)
Farnstrom, Harry L., Erie, Pa., assignor to Talon, Inc. Slide fastener. 2,190,609; Feb. 13.
Farnsworth, Claude L. (See Deckard, Homer, assignor.)
Farnsworth, Harry A., Elkhart, Kans. Water gate for pneumatic tires. 2,203,564; June 4.
Farnsworth Mill. (See Bickford, George, assignor.)
Farnsworth, Philo T., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Image dissector. Re. 21,504; July 9.
Farnsworth, Philo T., Springfield Township, Montgomery County, Pa., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Diode oscillator tube construction. 2,189,358; Feb. 6.
Farnsworth, Philo T., Springfield Township, Montgomery County, Pa., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Two-stage oscillograph. 2,216,266; Oct. 1.
Farnsworth, Philo T., Springfield Township, Montgomery County, Pa., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Split cathode multiplier. 2,217,860; Oct. 15.
Farnsworth, Philo T., Springfield Township, Montgomery County, Pa., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. X-ray projection device. 2,221,374; Nov. 12.
Farnsworth, Philo T., Springfield Township, Montgomery County, Pa., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Amplifier. 2,221,473; Nov. 12.
Farnsworth, Philo T., San Francisco, Calif., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Producing electron multiplication. 2,204,479; June 11.
Farnsworth, Philo T., San Francisco, Calif., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Image source. 2,213,070; Aug. 27.
Farnsworth, Philo T., San Francisco, Calif., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Scanning current generator. 2,214,077; Sept. 10.
Farnsworth, Philo T., San Francisco, Calif., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Means and method of image analysis. 2,216,264; Oct. 1.
Farnsworth, Philo T., San Francisco, Calif., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Image dissector. 2,216,265; Oct. 1.
Farnsworth, Philo T., Philadelphia, Pa., assignor to Farnsworth Television & Radio Corporation, New York, N. Y. High efficiency amplifier. 2,223,001; Nov. 26.
Farnsworth, Philo T., Springfield Township, Montgomery County, Pa., and R. L. Snyder, Glassboro, N. J., assignors, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Shielded anode electron multiplier. 2,203,048; June 4.
Farnsworth Television & Radio Corporation. (See Bamford, Harry S., assignor.)
Farnsworth Television & Radio Corporation. (See Baxter, Joseph M., assignor.)
Farnsworth Television & Radio Corporation. (See Farnsworth, Philo T., assignor.)
Farnsworth Television & Radio Corporation. (See Farnsworth, P. T., and Snyder, assignors.)
Farnsworth Television & Radio Corporation. (See Gardner, Bernard C., assignor.)
Farnsworth Television & Radio Corporation. (See Lippincott, Donald K., assignor.)
Farnsworth Television & Radio Corporation. (See Snyder, Richard L., assignor.)
Farnsworth Television & Radio Corporation. (See Somers, Frank J., assignor.)
Farnsworth, William H., and C. H. Martin, Manistee, Mich., assignors to Morton Salt Company, Chicago, Ill. Preparation of magnesium products. 2,191,560; Feb. 27.
Farnsworth, William H., and C. H. Martin, Manistee, Mich., assignors to Morton Salt Company, Chicago, Ill. Recovery of usable values from brines. 2,191,561; Feb. 27.
Farnworth, Edwin, East Greenwich, and G. H. Wood, Jr., Cowesett, R. I., assignors to The Apponaug Company. Back grey for textile printing. 2,222,143; Nov. 19.
Farny, Cyril, St. Charles, assignor to The Rudolph Wurlitzer Company, De Kalb, Ill. Piano. 2,215,097; Sept. 17.
Farny, Cyril, St. Charles, Ill., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Piano construction. 2,220,225; Nov. 5.
Farquhar, A. B., Co. (See Murray, E. B., and Hollinger, assignors.)
Farquharson, June R. (See Nilson, Arthur N., assignor.)
Farr, George F., Luton, England. Machine for surface-finishing pilous materials. 2,219,128; Oct. 22.
Farr, Henry W., Royal Oak, Mich., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor device. 2,188,002; Jan. 23.
Farr, Henry W., Royal Oak, Mich., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor device. 2,208,864; July 23.
Farr, Herbert H., Alexander City, Ala., assignor to Ferro-Spun Corporation. Apparatus for spinning centrifugal molds. 2,217,837; Oct. 15.
Farr, Robert G., Pacific Grove, Calif. Cleaner and feeder for gins. 2,223,098; Nov. 26.
Farr, Willard H. (See Norman, H. M., Farr, Coxon, Paul, and Le Fevre.)
Farr, Willard H., Chicago, and G. E. Coxon, Cicero, assignors to Stewart-Warner Corporation, Chicago, Ill. Armature for electric speedometers. 2,188,570; Jan. 30.
Farr, William W., Penn Valley, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Bottom rail construction for vehicle bodies. 2,213,025; Aug. 27.
Farrall, Arthur W. (See Godfrey, J. H., and Farrall.)
Farrand, Burdette R., Toronto, Ontario, Canada. Carton for containing straws and the like. 2,205,158; June 18.
Farrand, Harry M., Cleveland, Ohio. Turn signaling means for vehicles. 2,210,619; Aug. 6.
Farrar, John F. P., Barrington, assignor to Chicago Metal Hose Corporation, Maywood, Ill. Making a coupling connection. 2,216,468; Oct. 1.
Farrar, Mercer G., Scarsdale, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Cylinder supporting and protecting means. 2,221,967; Nov. 19.
Farrel-Birmingham Company. (See Gasser, Emil R., assignor.)
Farrel-Birmingham Company. (See Kitchen, Harry E., assignor.)
Farrel-Birmingham Company. (See Kuhns, Austin, assignor.)
Farrel-Birmingham Company. (See Kuhns, A., and Gasser, assignors.)
Farrel-Birmingham Company. (See Schnuck, Carl F., assignor.)
Farrell, Fred, Elmwood Park, Ill., assignor to Electrical Engineers Equipment Company. Electric switch. 2,203,863; June 11.
Farrell, James E., Boylston, Ala., assignor to West Boylston M'f'g Company of Alabama. Cord and making same. 2,205,285; June 18.
Farrell, James E., Boylston, Ala., assignor to West Boylston M'f'g Company of Alabama. Making cotton spun yarn. 2,205,286; June 18.
Farrell, James H., High Point, N. C. Tenoning machine. 2,225,263; Dec. 17.
Farrell, James L. (See Miller, H., and Farrell.)
Farrell, Marjorie B., executrix. (See Miller, H., and Farrell, assignors.)
Farrell, Patrick, Irvington, N. J. Sanding device. 2,223,722; Dec. 3.
Farrell, Stephen A., Brooklyn, N. Y. Variable pitch propeller. 2,200,952; May 14.
Farrell, Walter A., Miamisburg, N. R. Williams, Dayton, and D. M. Calihan, West Carrollton, Ohio. Radio program timing clock. 2,195,298; Mar. 26.
Farrell, William E., Bethlehem, assignor to Easton Car & Construction Company, Easton, Pa. Dump body door actuating mechanism. 2,195,772; Apr. 2.
Farrens, Charles L. (See Stafford, Frank A., assignor.)
Farrington, Bruce B., and R. L. Humphreys, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compound lubricating oil. 2,201,484; May 21.
Farrington, Charles E., Phoenixville, Pa. Paint mixing apparatus. 2,203,135; June 4.
Farrington, Hastings M., London, England, assignor to Farrington, Rose & Company, Limited. Propelling pencil. 2,211,372; Aug. 13.
Farrington, John F. (See Curtis, L. F., and Farrington.)
Farrington, John F. (See Harnett, D. E., and Farrington.)
Farrington, John F. (See Wheeler, H. A., and Farrington.)
Farrington, John F., Flushing, N. Y., assignor to Hazeltine Corporation. Stabilized tuned system. 2,197,239; Apr. 16.
Farrington, John F., Flushing, N. Y., assignor to Hazeltine Corporation. Oscillation generator. 2,205,190; 18.
Farrington, John F., Flushing, N. Y., assignor to Hazeltine Corporation. Signal-translating stage. 2,209,394; July 30.
Farrington, John F., Flushing, N. Y., assignor to Hazeltine Corporation. Band-pass selector system. 2,216,998; Oct. 8.
Farrington Manufacturing Company. (See Vogt, Lucien E., assignor.)
Farrington, Rose & Company. (See Farrington, Hastings M., assignor.)
Farrior, John B., Jr., Washington, D. C. Book holder and protector. 2,225,264; Dec. 17.
Farris, Victor W., New York, N. Y. Clutch-operated control. 2,200,878; May 14.
Farval Corporation. (See Hillis, David R., assignor.)
Farwell, Claude C., Groton, Mass. Automobile radio antenna. 2,203,986; June 11.
Farwell, John V., 3rd, Chicago, and F. A. Ray, assignors to Sanitary Scale Company, Belvidere, Ill. Weighing scale. 2,193,167; Mar. 12.
Farwig, Bernard J., Chicago, Ill. Handling utensils and the like. 2,220,069; Nov. 5.

Fasig, Charles P., Honolulu, Hawaii. Automatic advertising apparatus. 2,192,072; Feb. 27.
Fass, Wilhelm, Madgeburg, assignor to Fried-Krupp, Grusonwerk, Aktiengesellschaft, Madgeburg, Buckau, Germany. Rolling mill. 2,200,837; May 14.
Fassman, Sam, Brooklyn, N. Y. Rat guard for naval ships. 2,210,658; Aug. 6.
Fassnacht, Hartwell H., Wenonah, N. J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Gelatinized high explosive compositions. 2,194,544; Mar. 26.
Fast Bearing Company, The. (See Fast, Gustave, assignor.)
Fast, Gustave, Annapolis, assignor to The Fast Bearing Company, Baltimore, Md. Bearing. 2,217,200; Oct. 8.
Fast, Gustave, Annapolis, assignor to The Fast Bearing Company, Baltimore, Md. Bearing structure. 2,217,201; Oct. 8.
Fasting, Johan S., Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y. Slurry classification. 2,206,721; July 2.
Fast, John E., & Company. (See Kile, E. M., and Kain, assignors.)
Fastpic Corporation. (See Reiter, Otis F., assignor.)
Fatland, Conrad, Mount Prospect, Ill. Wringer mop. 2,185,502; Jan. 2.
Fatur, James I., Culver City, Calif. Mailbox signal. 2,217,310; Oct. 8.
Faudell, Charles L. (See Cork, E. C., Bowman-Manifold, and Faudell.)
Faudell, Charles L. (See White, E. L. C., and Faudell.)
Faudell, Charles L., Acton, London, and E. L. C. White, Hillingdon, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electronic oscillation generator. 2,188,653; Jan. 30.
Faudell, Charles L., Acton, London, and E. L. C. White, Hillingdon, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electronic oscillation generator. 2,212,202; Aug. 20.
Faudell, Charles L., near Stoke Poges, England, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Television system. 2,212,933; Aug. 27.
Faudell, Charles L., Stoke Poges, R. E. Spencer, West Ealing, London, and I. J. P. James, Ealing, London, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Television system. 2,218,067; Oct. 15.
Faul, Alfred C. (See Reynolds, E. B., and Faul.)
Faulder, Leander J., Akron, Ohio. File or like grinding mechanism. 2,212,999; Aug. 27.
Faulder, Leander J., Akron, Ohio. Dressing or redressing files. 2,217,045; Oct. 8.
Faulds, George, Philadelphia, Pa. Flame-diffuser and heat-retainer device for furnaces. 2,186,374; Jan. 9.
Faulds, George, Philadelphia, Pa. Combined baffle and heat conserver means. 2,195,027; Mar. 26.
Faulds, George, Philadelphia, Pa. Baffle heat distributor means. 2,197,495; Apr. 16.
Faulds, George, Philadelphia, Pa. Heat-diffuser and water-back device. 2,200,985; May 14.
Faulds, George, assignor of one-half to E. A. Roth, Philadelphia, Pa. Baffle and heat retaining means for furnaces. 2,186,373; Jan. 9.
Faulhaber Company, The. (See Faulhaber, Roland W., assignor.)
Faulhaber, Roland W., assignor to The Faulhaber Company, Monroeville, Ohio. Saddle construction. 2,211,600; Aug. 13.
Faulkner, Harold C. (See Spaine, E. P., and Faulkner.)
Faulkner, Henry A., Shirley, and R. D. Wackrow, assignors to The Birmingham Small Arms Company Limited, Birmingham, England. Cartridge belt for automatic firearms. 2,222,812; Nov. 26.
Faulkner, Herschel C., Birmingham, Ala., assignor of one-half to J. W. Love, Monroe, N. C. Oil burner. 2,209,076; July 23.
Faulkner, James T., Jr., Carlton, Tex. Wire stretcher. 2,197,177; Apr. 16.
Faulkner, Leslie W., Champaign, Ill. Windshield wiper accessory. 2,187,117; Jan. 16.
Faulkner, Vivian J. (See Richardson, L. F., and Faulkner.)
Faultless Caster Corporation. (See Noelting, William H., assignor.)
Faultless Rubber Company, The. (See Hoffman, Herbert O., assignor.)
Faultless Rubber Company, The. (See Miller, Thomas W., assignor.)
Faunce, John H., Johnstown, Pa. Welding electrode holder. 2,204,545; June 18.
Faure-Roux, Charles, Saint-Chamond, assignor to Etablissements Ch. Faure-Roux, Saint Chamond, Loire, France. Shock absorber. 2,213,810; Sept. 3.
Faus, Harold T., Lynn, Mass., assignor to General Electric Company. Electric integrating device. 2,196,898; Apr. 9.
Faus, Harold T., Lynn, Mass., assignor to General Electric Company. Telemetering system. 2,197,636; Apr. 16.
Faus, Harold T., Lynn, Mass., assignor to General Electric Company. Temperature-compensated electrical device. 2,213,085; Aug. 27.
Fausek, Arthur J. and I. F., Clayton, Mo. Torch. 2,190,356; Feb. 13.
Fausek, Arthur J. and I. F., Clayton, Mo. Valve. 2,195,643; Apr. 2.
Fausek, Irwing F. (See Fausek, Arthur J. and I. F.)
Fausnaugh, Harold J., Three Rivers, Mich. Tool holder. 2,205,879; June 25.
Fausse, Joseph, Melrose, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoemaking means. 2,226,758; Dec. 31.
Faust, Willy, and W. Euder, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preventing the congealing of blood. 2,193,717; Mar. 12.
Fauth, Philipp L., Wiesbaden-Dotzheim, Germany. Process and apparatus for comminuting and washing whale meat. 2,199,088; Apr. 30.
Favary, Ethelbert, Burbank, Calif. Suspension for car wheels. 2,188,654; Jan. 30.
Faveluke, Eugene, Portland, Oreg. Electric razor. 2,223,410; Dec. 3.
Favre, George C., assignor to American Optical Company, Southbridge, Mass. Opthalmic instrument. 2,223,361; Dec. 3.
Faw, Wendell G. (See Jackson, W. T., and Faw.)
Faw, Wendell G., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Composition for the treatment of synthetic warp yarns. 2,191,033; Feb. 20.
Fawcett, Eric W. (See Perrin, M. W., Fawcett, Paton, and Williams.)
Fawcett, Eric W. and G. Burrows, Northwich, England, assignors to Imperial Chemical Industries Limited. Apparatus for high-vacuum distillation. 2,186,669; Jan. 9.
Fawcett, Eric W., Walton-upon-Thames, R. O. Gibson, Northwich, Cheshire, and M. W. Perrin, London, England, assignors to Imperial Chemical Industries Limited. Laminated product. 2,219,684; Oct. 29.
Fawcett, Thomas H., Philadelphia, and J. C. Maris, Glenholden, Pa. Locomotive. 2,185,403; Jan. 2.
Fawick Company, The. (See Fawick, Thomas L., assignor.)
Fawick General Company, The. (See Fawick, Thomas L., assignor.)
Fawick, Thomas L., Akron, Ohio. Reverse gear. Re. 21,630; Nov. 26.
Fawick, Thomas L., Akron, Ohio. Reverse gear. 2,187,967; Jan. 23.
Fawick, Thomas L., Akron, Ohio. Flexible coupling. 2,199,624; May 7.
Fawick, Thomas L., Akron, Ohio. Power transmission. 2,214,164; Sept. 10.
Fawick, Thomas L., Akron, Ohio, assignor to The Fawick Company, Inc., Wabash, Ind. Clutch. 2,193,481; Mar. 12.
Fawick, Thomas L., Akron, Ohio, assignor to The Fawick Company, Inc., Wabash, Ind. Assembly for brakes and the like. 2,205,521; June 25.
Fawick, Thomas L., assignor to The Fawick General Company, Inc., Akron, Ohio. Driving assembly. 2,213,000; Aug. 27.
Fawkes, Charles E. (See Gayer, F. H., and Fawkes.)
Fawley, Elmer H. (See Mueller, F. H., Bowan, and Fawley.)
Fawley, Elmer H., assignor to Mueller Co., Decatur, Ill. Tool. 2,204,303; June 11.
Fay, Horace B., Willoughby, assignor to The Gridiron Steel Company, Cleveland, Ohio. Ventilated ironing board. 2,215,918; Sept. 24.
Fay, James E., Middletown, Ohio. Arc welding apparatus. 2,190,150; Feb. 13.
Fay, Joseph W. (See Chambless, E. F., and Fay.)
Fay, Ray H., assignor to Aluminum Goods Manufacturing Co., Manitowoc, Wis. Coffee percolator. 2,185,840; Jan. 2.
Faye, Roy A., Watertown, and A. L. Draper, Dorchester, Mass. Combined clinical thermometer and sterilizer therefor. 2,189,061; Feb. 6.
Fayer, Elsie, and M. Gonick, New York, N. Y. Closure and reinforcer for cigarette and like packages. 2,219,179; Oct. 22.
Fayerweather, Bruce L. (See Mills, L. E., and Fayerweather.)
Fazel, Charles S., Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Controlling vapor phase hydrocarbon reactions. 2,215,498; Sept. 24.
Feagles, Ralph L. (See Raymond, G., Feagles, and Mason.)
Fear, Fred, & Co. (See Heden, Folke, assignor.)
Fearn, Richard L., Rockville, Md., assignor to Synchro Machine Company, Rahway, N. J. Temperature measuring apparatus. 2,204,797; June 18.
Feaster, Edward B., assignor to Universal Winding Company, Cranston, R. I. Tension device. 2,190,261; Feb. 13.
Featheredge Rubber Company. (See Hood, Harry M., assignor.)
Featherston, Edgar D., Richmond, Ind. Full flow full tank nozzle spout. 2,205,351; June 18.
Featherstone, Alfred I., J. E. Platt, and E. H. Merritt, assignors to Merritt Engineering & Sales Co. Inc., Lockport, N. Y. Vacuum cup and vacuum cup system. 2,198,765; Apr. 30.

Fechheimer, Carl J., assignor to The Louis Allis Company, Milwaukee, Wis. Dynamo-electric machine. 2,185,728; Jan. 2.
Fechner, Franz A. (See Mueller, G., Fechner, and Young.)
Fechner, Fritz W. (See Wussow, R., and Fechner.)
Fedden, Alfred H. R., and H. C. Mansell, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Lubrication of internal-combustion engines. 2,201,525; May 21.
Fedden, Alfred H. R., J. W. Copley, and P. Fortescue, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Air-cooled aircraft engine. 2,214,669; Sept. 10.
Fedders Manufacturing Company. (See Askin, Joseph, assignor.)
Fedders Manufacturing Company. (See Lear, Joseph D., assignor.)
Fedders Manufacturing Company. (See Przyborowski, Stanislaus, assignor.)
Fedders Manufacturing Company. (See Smith, Lawrence C., assignor.)
Fedeler, John H., Jr., Ridgewood, N. J., assignor to T. C. Stephens, Scarsdale, N. Y. Filter installation and filtering procedure. 2,197,610; Apr. 16.
Fedeler, John H., Jr., Ridgewood, N. J., assignor to T. C. Stephens, Scarsdale, N. Y. Filter cake reinforcement. 2,198,912; Apr. 30.
Federal Cutting Machine Company. (See Trantino, Samuel, assignor.)
Federal Electric Company. (See Duncan, Robert, assignor.)
Federal Glass Company, The. (See Beatty, Robert J., assignor.)
Federal Products Corporation. (See Street, Chauncey C., assignor.)
Federal Telegraph Company. (See Goodale, Lynn, assignor.)
Federal Telegraph Company. (See Lafitte, St. George, assignor.)
Federal Telegraph Company. (See Suydam, Clinton H., assignor.)
Federal Telegraph Company. (See Wheeler, C. M., and Dequevauviller, assignors.)
Federal Tin Company. (See Card, John L., assignor.)
Federer, Robert, Sheboygan, Wis. Bowling alley. 2,203,458; June 4.
Federighi, George J., and R. D. Coffman, San Francisco, Calif. Hamburger patty-forming device. 2,219,889; Oct. 29.
Federman, Albert G., Chester, Pa. Reclaiming reinforcing rings from tire beads. 2,223,362; Dec. 3.
Fedon, Fleming A., Pittsburgh, Pa. Tile scoring and breaking device. 2,205,717; June 25.
Feedex Corporation. (See Myers, Don D., assignor.)
Feedlander, Abraham L., and N. J. Ritzert, assignors to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt connector. 2,202,250; May 28.
Feedrail Corporation. (See Horn, Emil A., assignor.)
Feeley, Robert S., New York, N. Y., assignor to Brewer-Cantelmo Company, Inc. Portfolio. 2,224,539; Dec. 10.
Feen, Edward F., Corning, N. Y. Glass spinning ring. 2,194,930; Mar. 26.
Feeney, John D., Downers Grove, assignor to Sears, Roebuck and Co., Chicago, Ill. Venetian blind. 2,194,277; Mar. 19.
Fegley, Thomas J., Jenkintown, and G. O. Leopold, assignors to North Bro's M'f'g Co., Philadelphia, Pa. Ice crusher. 2,195,363; Mar. 26.
Fehrle, Alfred, Bad Soden in Taunus, and P. Fritzsche, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, New York, N. Y. Symmetrical di-hydroxyalkylated aminoarsenobenzenes. 2,191,740; Feb. 27.
Fehse, Hans, Brooklyn, N. Y. Exchangeable knife blade. 2,223,342; Dec. 3.
Feibelman, Erwin, New York, N. Y. Rack. 2,206,083; July 2.
Feibelmann, Richard, assignor to Aktivin Corporation, New York, N. Y. Lecithin product and making the same. 2,203,295; June 4.
Feigel, George R., Chicago, Ill. Automatic ratio selector for electrically controlled gear shifting mechanism. 2,220,996; Nov. 12.
Feigenbaum, Hermann. (See Cahn, Joseph, assignor.)
Feight, Oscar J. (See Ossing, S. F., and Feight.)
Feigl, Fritz, Vienna, Austria, assignor to Interpublic A.-G., Zurich, Switzerland. Substance containing gold and producing the same. 2,192,285; Mar. 5.
Feikert, Adrian H. (See Szegvari, A., and Feikert.)
Feikes, Josef, Schwarza, Saale, Germany. Spinning apparatus for cellulose solutions. 2,193,316; Mar. 12.
Feilcke, Karl, Galion, Ohio. Hydraulic hoist. 2,220,815; Nov. 5.
Feild, Alexander L., Baltimore County, assignor to Rustless Iron and Steel Corporation, Baltimore, Md. Rustless iron manufacture. 2,200,545; May 14.
Feiler, Paul, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Separation of propane and propylene from gas mixtures. 2,189,062; Feb. 6.
Fein, Jacob, New York, N. Y. Shoe. 2,200,080; May 7.

Feinberg, Allan A., assignor to United States Air Conditioning Corporation, Minneapolis, Minn. Portable air conditioning apparatus. 2,197,974; Apr. 23.
Feinberg, Allan A., assignor to United States Air Conditioning Corporation, Minneapolis, Minn. Air conditioning apparatus. 2,201,647; May 21.
Feinberg, Allan A., assignor to United States Air Conditioning Corporation, Minneapolis, Minn. Air conditioning apparatus. 2,225,740; Dec. 24.
Feinbloom, William, New York, N. Y. Contact lens. 2,196,066; Apr. 2.
Feinbloom, William, New York, N. Y. Contact lens. 2,198,868; Apr. 30.
Feindel, Abbott, Elizabeth, N. J., assignor to Arcturus Development Company, Newark, N. J. Multiple unit radio tube. 2,213,162; Aug. 27.
Feindel, Arthur, Beverly Hills, assignor of two-fifths to D. Pollock, Los Angeles, Calif. Nursing bottle holder. 2,211,227; Aug. 13.
Feiner, Jacob S., New York, N. Y. Animated figure clock. 2,185,805; Jan. 2.
Feingold, Samuel, Brooklyn, N. Y. Apparatus for intermittently operating gaseous electric devices. 2,208,125; July 16.
Feingold, Samuel, Brooklyn, N. Y. Apparatus for intermittently operating electrical load devices. 2,221,867; Nov. 19.
Feis, Louis, Brooklyn, N. Y. Bottle filler. 2,188,402; Jan. 30.
Feist, Erich, Berlin-Charlottenberg, and R. Nebelung, Berlin-Siemensstadt, assignors to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Measured service telephone system. 2,188,535; Jan. 30.
Feist, Harry J., assignor to Consolidated Outdoor Display Company, Fremont, Ohio. Accentuated visibility display. 2,208,024; July 16.
Felber, Anton. (See Marone, Richard, assignor.)
Felciano, La Verne J., Richmond, Calif. Tent frame for beds. 2,190,867; Feb. 20.
Feldman, Abraham G., assignor to Storkline Furniture Corporation, Chicago, Ill. Baby carriage. 2,208,252; July 16.
Feldman, Abraham G., assignor to Storkline Furniture Corporation, Chicago, Ill. Collapsible baby carriage. 2,210,071; Aug. 6.
Feldman, Fred H., Danville, Ill. Loose leaf binder. 2,185,404; Jan. 2.
Feldman, Jacob B., Philadelphia, Pa. Apparatus for determining the minimum light visible. 2,186,408; Jan. 9.
Feldman, Jacob C., Boston, assignor to New England Bedding Company, Medford, Mass. Couch. 2,214,078; Sept. 10.
Feldman, Joseph M., New York, N. Y., Portfolio case. 2,190,707; Feb. 20.
Feldmeier, Harvey, and W. Astle, Little Falls, N. Y., assignors to Cherry-Burrell Corporation, Wilmington, Del. Heat exchange device. 2,190,584; Feb. 13.
Feldspathic Research Corporation. (See Donahue, William B., assignor.)
Feldspathic Research Corporation. (See Peddrick, Charles H., Jr., assignor.)
Feldspathic Research Corporation. (See Peddrick, C. H., Jr., and Weis, assignors.)
Feldstein, Henry H. (See Grill, H. E., and Feldstein.)
Feldt, Adolf, Berlin-Charlottenburg, and K. Schöllkopf, Berlin-Dahlem, Germany, assignors to Schering Aktiengesellschaft. Manufacture of complex gold compounds of albumose-like keratin degradation products containing sulphhydryl groups. 2,186,694; Jan. 9.
Feldt, Adolf, Berlin-Charlottenburg, and A. Schmitz, Berlin-Friedenau, Germany, assignors to Schering Aktiengesellschaft. Alkaline earth metal gold keratinates and making same. 2,197,795; Apr. 23.
Feldtkeller, Carl L., Milwaukee, Wis., and A. D. Lund, Minneapolis, Minn., assignors to Solar Corporation, Milwaukee, Wis. Bonding machine. 2,195,723; Apr. 2.
Felger, Alfred W., Greensburg, Pa. Mixing valve. 2,202,249; May 28.
Felgner, Richard, Springfield, Long Island, assignor to T. Cohn, Inc., Brooklyn, N. Y. Horn. 2,198,993; Apr. 30.
Felix, Friedrich, and W. Zuercher, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of azo dyestuffs. 2,210,364; Aug. 6.
Felix, Friedrich, Basel, R. von Capeller, Riehen, and R. Sallmann, Arlesheim, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of aminoaryl sulphones. 2,221,915; Nov. 19.
Felix, Friedrich, and R. Ruegg, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Colored condensation products and making same. 2,226,054; Dec. 24.
Felix, Michael, Flushing, N. Y. Apparatus for preparing infusions. 2,216,738; Oct. 8.
Felker, Albert G. (See Miller, D. L., and Felker.)
Felkers, Pieter F., Dordrecht, assignor to Stikstofbindingsindustrie "Nederland" N. V., Kilkade, Zeehaven, Dordrecht, Netherlands. Acid solution. 2,203,649; June 4.
Fell, Arthur D. (See Flanagan, T. C., and Fell.)
Fell, Herbert J. (See Ingram, Arthur, assignor.)
Feil, William B., Rockford, Ill. Machinist's precision level. 2,211,201; Aug. 13.

Feller, Bernard, Yonkers, N. Y. Roofing construction. 2,222,939; Nov. 26.
Fellis, Preston A. (See King, B., and Fellis.)
Fellmer, Ernst, Leverkusen-I. G.-Werk, G. Mauthe, Cologne-Holweide, and H. Noerr, Leverkusen-I. G.-Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Leather dyed with monoazo dyestuffs. 2,188,774; Jan. 30.
Fellmer, Ernst, Leverkusen-I. G. Werk, Germany, assignor to General Aniline & Film Corporation. Azo dyestuffs containing a heavy metal in a complex form. 2,200,445; May 14.
Fellowes, Harry L., assignor to Bankers Box Company, Chicago, Ill. Collapsible filing drawer. 2,206,084; July 2.
Fellows Gear Shaper Company, The. (See Miller, Edward W., assignor.)
Fellows Gear Shaper Company, The. (See Stubbs, Everard, assignor.)
Fellows, Harrison E., Wauwatosa, assignor to Milwaukee Foundry Equipment Company, Milwaukee, Wis. Hydraulic jolt machine. 2,198,078; Apr. 23.
Fels & Company. (See Potter, Earl C., assignor.)
Felt, Clarence E., and L. J. Huber, Minneapolis, Minn., assignors to General Mills, Inc. Expanded farinaceous cereal and making the same. 2,188,180; Jan. 23.
Felt, George H., Jr., Roseburg, Oreg. Bulldozer blade tilting device. 2,224,725; Dec. 10.
Felt, Paul W., Minneapolis, assignor to Brown & Bigelow, St. Paul, Minn. Protective coating. 2,210,167; Aug. 6.
Felt & Tarrant Mfg. Co. (See Turck, Joseph A. V., assignor.)
Felt & Tarrant Mfg Co. (See Turck, J. A. V., and Clevenger, assignors.)
Felten & Guilleaume Carlswerk Actien-Gesellschaft. (See Meyer, U., Braun, Unterbusch, Lindlau, and Kern, assignors.)
Felten & Guilleaume Carlswerk Actien-Gesellschaft. (See Unterbusch, Franz, assignor.)
Felten & Guilleaume Carlswerk Eisen & Stahl A. G. (See Thiemer, Hans, assignor.)
Feltenberger, William F., assignor of fifty percent to V. Rhoads, Chester, Pa. Cable clamp. 2,194,647; Mar. 26.
Feltman, Alfred, Palm Beach, Fla. Amusement ride. 2,225,411; Dec. 17.
Feltner, Thesdie F., Boise, Idaho. Hand signal. 2,196,550; Apr. 9.
Felton, Augustus C. (See James, John W., assignor.)
Felton, George E. (See Schopmeyer, H. H., and Felton.)
Fenaroli, Albert. (See Isaacson, Harry H., assignor.)
Fender, Ferdinand E., Evanston, assignor to Vaughan Novelty Mfg. Co. Inc., Chicago, Ill. Fishing tackle. 2,189,979; Feb. 13.
Fener, Alfred, Brooklyn, and J. Alesi, New York, N. Y. Antenna unit with universal mounting. 2,215,810; Sept. 24.
Fenn, Emory W., Chicago, Ill. Control mechanism for elevator cars. 2,227,337; Dec. 31.
Fenn, Thomas L., Newton, and W. J. Turenne, Ashland, Mass. Switch. 2,185,433; Jan. 2.
Fennessy, Edward, London, England, assignor to International Standard Electric Corporation, New York, N. Y. Method of and apparatus for measuring far-end cross talk. 2,215,783; Sept. 24.
Fenske, Merrell R. (See Andrews, C. E., and Fenske.)
Fenske, Merrell R. (See McCluer, W. B., and Fenske.)
Fenske, Merrell R., assignor to The Pennsylvania Research Corporation, State College, Pa. Process and apparatus for fractional distillation. 2,208,573; July 23.
Fenske, Merrell R., State College, and W. B. McCluer, Bradford,Pa., assignors to Pennsylvania Petroleum Research Corporation. Treating mineral oils. Re. 21,556; Sept. 10.
Fenske, Merrell R., and W. B. McCluer, State College, Pa., assignors to Pennsylvania Petroleum Research Corporation. Treating mineral oils. 2,189,647; Feb. 6.
Fenton, Chester J., Milbury, Ohio. Thermobath cabinet. 2,199,285; Apr. 30.
Fenton, Frank, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Doll. 2,188,429; Jan. 30.
Fenton, George E. (See Bliss, H. N., and Fenton.)
Fenton, Paul E., Thomaston, and E. D. Janes, Middlebury, assignors to Scovill Manufacturing Company, Waterbury, Conn. Forming domed buttons. 2,211,322; Aug. 13.
Fenton, Ray M., Youngstown, Ohio. Method of and apparatus for making sheets. 2,204,984; June 18.
Fentress, David W., Hubbard Woods, Ill., and A. Dreyer, Lucerne, Switzerland, assignors to Chicago Metal Hose Corporation, Maywood, Ill. Diaphragm. 2,207,146; July 9.
Fentress, James, Hubbard Woods, assignor to Chicago Metal Hose Corporation, Maywood, Ill. Coupling and making same. 2,216,686; Oct. 1.
Fenzl, Rudolph A., Houston, Tex. Fuel burner. 2,192,996; Mar. 12.
Feragen, A. E., Inc. (See Bennett, Claude C., assignor.)
Fereday, Frederick T., Louisville, Ky. Interlocking relay. 2,186,670; Jan. 9.
Ferenci, Lester, Brooklyn, N. Y., assignor to International Cigar Machinery Company. Defective-cigar-bunch detector for cigar machines. 2,192,903; Mar. 12.
Ferentzy, Steven, assignor to Max Factor & Co., Los Angeles, Calif. Apparatus for and method of manufacturing lipsticks. 2,192,675; Mar. 5.
Fergueson, Arthur P., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield. 2,202,903; June 4.
Fergueson, Arthur P., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield and mounting. 2,202,904; June 4.
Fergueson, Arthur P., assignor to Houdille-Hershey Corporation, Detroit, Mich. Brake lever. 2,206,531; July 2.
Fergueson, Arthur P., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Ornamental fender skirt. 2,215,640; Sept. 24.
Fergueson, Arthur P., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Fender skirt latching mechanism. 2,217,046; Oct. 8.
Fergueson, Arthur P., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield and assembly. 2,217,838; Oct. 15.
Fergueson, Arthur P., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield and mounting. 2,222,610; Nov. 26.
Fergueson, Arthur P., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Concealed lever-operated fender shield latch. 2,224,428; Dec. 10.
Fergueson, Arthur P., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield and fender shield mounting. 2,226,857; Dec. 31.
Fergueson, Arthur P., and J. H. Gould, assignors to Houdaille-Hershey Corporation, Detroit, Mich. Flexible fender shield. 2,196,493; Apr. 9.
Ferguson, Alan C., assignor to Parker Wire Goods Company, Worcester, Mass. Handsaw. 2,213,135; Aug. 27.
Ferguson, Alexander D., Michigan City, Ind., assignor to Sullivan Machinery Company. Pumping apparatus. 2,221,789; Nov. 19.
Ferguson, Alexander D., Michigan City, Ind., assignor to Sullivan Machinery Company. Prime mover and controlling means therefor. 2,221,790; Nov. 19.
Ferguson, Alexander D., Michigan City, Ind., assignor to Sullivan Machinery Company. Controlling means for prime movers. 2,221,791; Nov. 19.
Ferguson, Allan W., East Aurora, assignor to Oxides, Inc., Buffalo, N. Y. Reduction of metals to a powder. 2,209,964; Aug. 6.
Ferguson, Bassett, Jr. (See Hill, M. L., and Ferguson.)
Ferguson Brothers Manufacturing Company. (See Boardman, Whitlock, assignor.)
Ferguson Brothers Manufacturing Company. (See Hanley, William, assignor.)
Ferguson, Edwin M., et al. (See Ferguson, E. M., and Barton, assignors.)
Ferguson, Edwin M., and A. W. Barton, assignors to E. M. Ferguson and E. Dulac, Minneapolis, Minn. Variable speed driving mechanism. 2,197,522; Apr. 16.
Ferguson, George E., Spring Valley, N. Y., assignor to Pyrene Manufacturing Company, Newark, N. J. Fire extinguisher. 2,204,798; June 18.
Ferguson, Henry G., Belfast, Northern Ireland. Ground engaging means for agricultural implements. 2,195,515; Apr. 2.
Ferguson, Henry G., Belfast, Northern Ireland. Steering means for agricultural implements. 2,195,516; Apr. 2.
Ferguson, Henry G., Belfast, Northern Ireland. Tractor implement. 2,223,002; Nov. 26.
Ferguson, J. L., Company. (See Ferguson, John L., assignor.)
Ferguson, James P., South Bend, Ind. Shaft truing device. 2,201,664; May 21.
Ferguson, James R., Royal Oak, assignor to Packard Motor Car Company, Detroit, Mich. Transmission control mechanism. 2,193,230; Mar. 12.
Ferguson, John, Cleveland, Ohio. Feeder for glass furnaces and feeding glass. 2,186,718; Jan. 9.
Ferguson, John H. (See Schorger, A. W., and Ferguson.)
Ferguson, John L., assignor to J. L. Ferguson Company, Joliet, Ill. Case loader. 2,206,279; July 2.
Ferguson, Ralph M., Dayton, Ohio. Synchronized control for machine guns. 2,220,014; Oct. 29.
Ferguson, Robert B., Plainfield, N. J., assignor to General Chemical Company, New York, N. Y. Boiler. 2,195,274; Mar. 26.
Ferguson, Thomas M. (See Neil, J. B., and O'Farrell, assignors.)
Ferguson, Walter G. (See Ferguson, Warren T. and W. G.)
Ferguson, Warren T., Waban, and W. G. Ferguson, Brookline, assignors to Anderson Products, Inc., Cambridge, Mass. Column splicer and splicing. 2,222,481; Nov. 19.
Ferguson, Wilbur R., Columbus, Ohio. Decorating glass article. 2,194,115; Mar. 19.
Ferguson, William G., as trustee. (See Schaefer, Louis C., assignor.)
Ferguson, William S. (See Bishop, R., and Ferguson.)
Ferioli, Joseph. (See Pacchetti, J., and Ferioli.)
Ferla, John, Chicago, Ill., assignor to L. H. Blouch, Marchantville, N. J. Method and means for producing pipes of cementitious material. 2,200,267; May 14.
Ferla, John, Chicago, Ill., assignor to L. H. Blouch, Merchantville, N. J. Apparatus for manufacturing pipes from a cementitious composition. 2,200,268; May 14.

Ferla, John, New York, N. Y., assignor of one-fourth to P. X. Blaettler, Oaklyn, N. J. Apparatus for treating composition boards. 2,207,726; July 16.
Ferling, George W., Indianapolis, Ind. Locomotive draft inducer. 2,225,412; Dec. 17.
Ferm, John F., Midland, assignor to Pittsburgh Crucible Steel Company, Pittsburgh, Pa. Apparatus for treating plated strip metal. 2,192,303; Mar. 5.
Fermanick, Joseph, Neopit, Wis. Chain locking means. 2,202,447; May 28.
Fermi, Enrico, E. Amaldi, B. Pontecorvo, F. Rasetti, and E. Segre, Rome, Italy, assignors to G. M. Giannini & Co., Inc., New York, N. Y. Production of radioactive substances. 2,206,634; July 2.
Fernandez, Alphonse, Washington, D. C. Concrete form. 2,208,302; July 16.
Fernandez, Frank, Phoenix, Ariz. Vegetable pack. 2,216,365; Oct. 1.
Fernandez, Joseph, Newark, N. J. Moving mechanism for pins, brooches, etc. 2,190,778; Feb. 20.
Fernandez, Manuel M., Habana, Cuba. Wooden roofing. 2,208,184; July 16.
Fernbach, Hans, London, England. Wrapping and presentation for use of bath salts, soap, and like personal toilet substances. 2,204,037; June 11.
Fernberg, Eric B., Pinner, England. Fastener. 2,192,344; Mar. 5.
Fernberg, Eric B., Pinner, England. Fastener. 2,207,374; July 9.
Fernelius, Willis C., Columbus, Ohio. Manufacture of sulphur nitride. 2,207,791; July 16.
Ferngren, Enoch T., Jackson Heights, Long Island, N. Y., assignor, by mesne assignments, to Plax Corporation, Hartford, Conn. Apparatus for coating articles. 2,195,670; Apr. 2.
Ferngren, Enoch T., Little Neck, Long Island, N. Y., assignor to Plax Corporation, Hartford, Conn. Coating articles. 2,195,671; Apr. 2.
Ferngren, Enoch T., Jackson Heights, Long Island, N. Y., assignor to Plax Corporation, Hartford, Conn. Forming hollow articles from plastic material. 2,209,877; July 30.
Fernholtz, Carl W., Los Angeles, Calif. Orchard heater and operating the same. 2,212,157; Aug. 20.
Fernholz, Erhard. (See Wallis, E. S., and Fernholz.)
Fernseh A. G. (See Schunack, J., and Ruska, assignors.)
Fernseh Aktiengesellschaft. (See Bähring, Herbert, assignor.)
Fernseh Aktiengesellschaft. (See Bünger, W., and Kosche, assignors.)
Fernseh Aktien-Gesellschaft. (See Colberg, Rolf, assignor.)
Fernseh Aktiengesellschaft. (See Flechsig, Werner, assignor.)
Fernseh Aktien-Gesellschaft. (See Hinderer, Heinrich, assignor.)
Fernseh Aktiengesellschaft. (See Knick, Ulrich, assignor.)
Fernseh Aktiengesellschaft. (See Langenwalter, Hans W., assignor.)
Fernseh Aktiengesellschaft. (See Langenwalter, H-W., and Ruska, assignors.)
Fernseh Aktien-Gesellschaft. (See Möller, R., and Below, assignors.)
Fernseh Aktien-Gesellschaft. (See Möller, Rolf, assignor.)
Fernseh Aktiengesellschaft. (See Möller, R., and Bähring, assignors.)
Fernseh Aktien-Gesellschaft. (See Ruska, Ernst, assignor.)
Fernseh Aktien-Gesellschaft. (See Ruska, E., Reichel, and Colberg, assignors.)
Fernseh Aktiengesellschaft. (See Schunack, Johannes, assignor.)
Fernseh Aktiengesellschaft. (See Schwartz, Erich, assignor.)
Fernseh Aktiengesellschaft. (See Schwartz, E., and Ruska, assignors.)
Fernseh Aktien-Gesellschaft. (See Schwartz, E., and Strübig, assignors.)
Féron, Börje, Enkoping, Sweden. Electric dental furnace. 2,210,483; Aug. 6.
Ferracute Machine Company. (See Meyers, L, C., and Hersam, assignors.)
Ferrall, Thomas L. (See Roberts, E. W., and Ferrall.)
Ferrall, Wilbur E., and D. M. Cramer, Tiffin, Ohio. Clamp. 2,216,073; Sept. 24.
Ferranti Electric Inc. (See Norris, E. D. T., and Newton, assignors.)
Ferranti Electric Inc. (See Taylor, Maurice K., assignor.)
Ferrara, John, Rochester, N. Y. Channel cutter attachment. 2,197,796; Apr. 23.
Ferrari, Ambrose, et al. (See Aillaud, Lawrence A.)
Ferrari, Arthur M., Klamath Falls, Oreg. Saw shaper. 2,201,766; May 21.
Ferrary, Ferdinand F., assignor to J. Pressman & Co., Inc., Brooklyn, N. Y. Toy. 2,204,078; June 11.
Ferrel, Clyde B., assignor to Ferrel Ordnance, Inc., San Francisco, Calif. Gun sight. 2,208,452; July 16.
Ferrel Ordnance, Inc. (See Ferrel, Clyde B., assignor.)
Ferrell, Enoch B., assignor Oakhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplifier circuit. 2,207,976; July 16.
Ferri, Henry J., Port Richmond, Staten Island, assignor to The Lionel Corporation, New York, N. Y. Toy vehicle. 2,210,752; Aug. 6.
Ferri, Henry J., Port Richmond, Staten Island, assignor to The Lionel Corporation, New York, N. Y. Toy dump car. 2,222,311; Nov. 19.
Ferrigno, Cataldo P., Brooklyn, N. Y. Changeable sign. 2,185,249; Jan. 2.
Ferrill, Thomas M., Jr., West Hartford, Conn., assignor to Western Electric Company, Incorporated, New York, N. Y. Distributing apparatus. 2,203,258; June 4.
Ferrin, Frank, Minneapolis, Minn. Combined harvesting and loading machine. 2,199,257; Apr. 30.
Ferrini, Ernest, Santa Monica, Calif. Knee bracket. 2,194,648; Mar. 26.
Ferris, Carlton R., Charleston, and E. T. Carte, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Spray drying thermoplastic resins. 2,187,877; Jan. 23.
Ferris, Ernest E., Cohoes, assignor to Ramsey Chain Company, Inc., Albany, N. Y. Flexible coupling. 2,222,023; Nov. 19.
Ferris, Marion R., La Grange, Ill. Fish lure. 2,202,519; May 28.
Ferris, Reed. (See Hymer, H. E., and Ferris.)
Ferris, Robert G., assignor to Starline Inc., Harvard, Ill. Making pipe connections. 2,192,904; Mar. 12.
Ferris, Robert G., assignor to Starline Inc., Harvard, Ill. Tilting diffusing plate. 2,212,468; Aug. 20.
Ferris, Robert G., assignor to Starline, Inc., Harvard, Ill. Pipe connection. 2,221,934; Nov. 19.
Ferris, Walter, Milwaukee, Wis. Speed controller. 2,198,035; Apr. 23.
Ferris, Walter, Milwaukee, Wis. Chronometric mechanism. 2,212,140; Aug. 20.
Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic transmission. 2,186,409; Jan. 9.
Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Surface broaching machine. 2,190,642; Feb. 20.
Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic transmission. 2,205,647; June 25.
Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Hold-down system. 2,211,692; Aug. 13.
Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Controller for hydrodynamic machines. 2,214,552; Sept. 10.
Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Automotive drive. 2,222,144; Nov. 19.
Ferris, William D., assignor to Frantz Manufacturing Co., Sterling, Ill. Latch. 2,203,817; June 11.
Ferris, William D., assignor to Frantz Manufacturing Co., Sterling, Ill. Garage door construction. 2,204,852; June 18.
Ferris, William D., Sterling, and C. R. Wolf, Rock Falls, assignors to Frantz Manufacturing Co., Sterling, Ill. Door lock. 2,198,079; Apr. 23.
Ferris, William D., Sterling, and C. R. Wolf, Rock Falls, assignors to Frantz Manufacturing Co., Sterling, Ill. Garage door construction. 2,217,437; Oct. 8.
Ferro Enamel Corporation. (See McIntyre, G. H., Bahnsen, and Sweo, assignors.)
Ferrocart Corporation of America. (See Fill, John V., assignor.)
Ferrocart Corporation of America. (See O'Callaghan, Jerome J., assignor.)
Ferro-Spun Corporation. (See Farr, Herbert H., assignor.)
Ferruggia, Joseph, New York, N. Y. Metallic window construction. 2,217,248; Oct. 8.
Ferrughelli, Bartolomeo, New York, N. Y. Proportional slide rule. 2,190,472; Feb. 13.
Ferry, Frank, assignor of one-half to E. W. Bilger, Bristol, Pa. Sanitary hair-catching mantle. 2,199,334; Apr. 30.
Ferry, John T., Ilion, assignor to Remington Rand Inc., Buffalo, N. Y. Tabulating machine. 2,185,841; Jan. 2.
Ferry, John T., Ilion, assignor to Remington Rand Inc., Buffalo, N. Y. Tabulating machine. 2,203,327; June 4.
Ferry, Joseph D., deceased, Harrisburg, Pa.; S. O. Ferry, executrix. Handling and cooking food particles in liquid cooking baths. 2,207,316; July 9.
Ferry-Morse Seed Company. (See Carpenter, James R., assignor.)
Ferry, Sylvia O., executrix. (See Ferry, Joseph D.)
Ferry, William E., Sharon, Pa. Magnetic gun. 2,214,297; Sept. 10.
Fersing, Leif, Springfield, Vt. Variable speed transmission. 2,219,984; Oct. 29.
Fesefeldt, Otto, assignor to Kommandit-Gesellschaft in Firma Peter Kolln, Elmshorn, Germany. Feed trough for grading machines. 2,204,480; June 11.
Fessler, Albra H. (See McDougal, T. G., Fessler, and Barlett.)
Fessler, Albra H. (See McDougal, T. G., Fessler, and Schwartzwalder.)
Fessler, Albra H., K. Schwartzwalder, and R. W. Ehlers, Flint, assignors to General Motors Corporation, Detroit, Mich. Resistor. 2,189,515; Feb. 6.
Fessler Machine Company. (See Tyrrell, Emmet R., assignor.)
Fessman, Alfred J. (See McAlvay, Budd D., assignor.)

Festervan, Benjamin J., and N. F. Henderson, Monroe City, Tex. Stop for oil well casing and tubing. 2,213,580; Sept. 3.
Festervan, Benjamin J., and N. F. Henderson, Monroe, Tex. Paraffin scraper. 2,225,413; Dec. 17.
Fetter, Charles H., Maplewood, N. J. Photographic projection device. 2,216,512; Oct. 1.
Fetter, Charles H., Maplewood, N. J. Photography. 2,222,257; Nov. 19.
Fetterling, Howard H., and E. V. Simon, Pomona, Calif. Shoe sole protector. 2,207,091; July 9.
Fettig, Arthur J., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,202,948; June 4.
Fetzer, Walter R., Clayton, Mo., assignor to Union Starch and Refining Company, Columbus, Ind. Starch hydrolysis. 2,210,659; Aug. 6.
Feucht, Albert. (See Smith, W. A., Jr., and Feucht.)
Feucht, Albert, Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Feeding mechanism for rock drills. 2,203,953; June 11.
Feucht, Albert, Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Rock drill. 2,203,954; June 11.
Feucht, Albert, Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Feeding mechanism for rock drills. 2,207,792; July 16.
Feucht, Albert, Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Supporting means for rock drills. 2,208,025; July 16.
Feucht, Albert, Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Rock drill. 2,210,532; Aug. 6.
Feucht, Albert, Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Feeding mechanism for rock drills. 2,210,660; Aug. 6.
Feucht, Albert, Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Valve assembly. 2,221,081; Nov. 12.
Feuerherd, F. W. (See Haislip, Albert S.)
Feurtado, Leopold C. A., Kingston, Island of Jamaica, British West Indies. Producing refined sugar. 2,194,195; Mar. 19.
Fewings, David J., Chelmsford, England, assignor to Radio Corporation of America. Electronic generator. 2,205,760; June 25.
Fewings, David J., Chelmsford, England, assignor to Radio Corporation of America. Electrical oscillation generator. 2,207,509; July 9.
Fewings, David J., Chelmsford, England, assignor to Radio Corporation of America. Television synchronizing impulse separator circuit. 2,215,175; Sept. 17.
Fezzey, Chester T., et al. (See Ackerman, Edward L., assignor.)
Ffolliott, Charles F. (See Lomax, C. E., and Ffolliott.)
Fiala-Fernbrugg, Benno, Vienna, Germany. Double-piston internal combustion engine. 2,199,625; May 7.
Fiat Società Anomima. (See Valletta, Vittorio, assignor.)
Fibre Can and Machinery Company, The. (See Bronson, Fred L., assignor.)
Fibre Can Machinery Corporation. (See Hatch, Alexander G., assignor.)
Fibreboard Products, Inc. (See Anderson, Nels A., assignor.)
Fibreboard Products Inc. (See Evans, Charles S., assignor.)
Fibreboard Products Inc. (See Goodyear, Charles H., assignor.)
Fibreboard Products Inc. (See Stitt, C. M. and Harry C., and F. B. Stone, assignors.)
Fibre-Metal Products Company, The. (See Bowers, Frederick M., assignor.)
Fich, Benjamin F., Z. M. Lane, Fairfield County, Conn., and R. A. Norbom, Nutley, N. J., assignors to Motor Terminals, Inc., Cleveland, Ohio. Freight container. 2,218,706; Oct. 22.
Fichter, Julius, Cleveland, Ohio. Gauge. 2,219,180; Oct. 22.
Fickenwirth, Edward E. (See Mertes, E. P., Kellogg, and Fickenwirth.)
Ficklin, John M. V., Washington, D. C. Valve latch. 2,187,118; Jan. 16.
Fidelity Machine Company. (See Larkin, Walter, assignor.)
Fidelity Union Trust Company, executor and trustee. (See Wenzel, Albert W.)
Fidelity Union Trust Company et al., executors. (See Laise, Clemens A.)
Fidelman, Paul, New York, N. Y., assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Coloring material and applying same. 2,206,722; July 2.
Fides Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung. (See Böhme, Joachim, assignor.)
Fides Gesellschaft fur die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschrankter Haftung. (See Etzrodt, Adalbert, assignor.)
"Fides" Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung. (See Hailer, Curt, assignor.)
Fides Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung. (See Harnisch, Martin, assignor.)
Fides Gesellschaft für die Verwaltung und Verwertung von Gewerblichen Schutzrechten mit beschränkter Haftung. (See Kosack, Hans, assignor.)
"Fides" Gesellschaft fur die Verwaltung und Verwertung von gewerblichen Schutzrechten m. b. H. (See Krenzien, Otto, assignor.)
"Fides" Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung. (See Langer, Max, assignor.)
Fides Gesellschaft fur die Verwaltung und Verwertung von gewerblichen Schutzrachten mit beschrankter Haftung. (See Lorenz, Hermann, assignor.)
"Fides" Gesellschaft fur die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung. (See Maurer, Georg, assignor.)
"Fides" Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung. (See Müller, Heinz O., assignor.)
"Fides Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung." (See Otto, Rudolf, assignor.)
"Fides" Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung. (See Schuchmann, Hans, assignor.)
Fides Gesellschaft für de Verwaltung and Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung. (See Schuhmacher, Paul, assignor.)
"Fides Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung." (See Steffens, Eugen, assignor.)
Fides Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten m. b. H. (See Tamm, Rudolf, assignor.)
Fides Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung. (See von Borries, B., and Ruska, assignors.)
"Fides" Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung. (See Waldschmidt, Ernst, assignor.)
Fides Gesellschaft für Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung. (See Zapf, Georg, assignor.)
Fidler, Charles E., and W. B. Morse, assignors to Wm. B. Morse Lumber Co., Inc., Rochester, N. Y. Scoring machine. 2,193,864; Mar. 19.
Fieber, Karl W., Berlin-Charlottenburg, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Apparatus for measuring fluid pressure. 2.203.460; June 4.
Fiedler, Edmond F., Adams, Mass., assignor to General Electric Company. Resinous composition and making the same. 2,227,219; Dec. 31.
Fiedler, Edmond F., Adams, and A. F. Shepardson, Pittsfield, Mass., assignors to General Electric Company. Resinous composition and making the same. 2,221,511; Nov. 12.
Fiedler, Max G., Media, Pa. Internal combustion engine. 2,202,761; May 28.
Fiedler, Max G., Media, assignor to Fiedler-Sellers Corporation, Philadelphia, Pa. Lapping machine. 2,208,499; July 16.
Fiedler-Sellers Corporation. (See Fiedler, Max G., assignor.)
Fieg, Joseph F., La Grange, assignor to United Screw and Bolt Corporation, Chicago, Ill. Screw. 2,206,085; July 2.
Field, Alfred L., Batavia, N. Y. Boat. 2,203,565; June 4.
Field, Crosby, Brooklyn, N. Y., assignor to Flakice Corporation, Wilmington, Del. Making a flexible cylinder. 2,210,070; Aug. 6.
Field, Crosby, assignor to Flakice Corporation, Brooklyn, N. Y. Ice storage bin. 2,222,024; Nov. 19.
Field, David, Auburn, N. Y. Adjustable cutoff stop. 2,226,055; Dec. 24.
Field, Edgar F., Sutton Coldfield, assignor to Dunlop Rubber Company, Limited, London, England. Apparatus for protecting surfaces from ice formation. 2,200,838; May 14.
Field, Edmund, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azeotropic distillation. 2,212,810; Aug. 27.
Field, Frank H., Jamestown, N. Y. Vehicle delivery body. 2,187,419; Jan. 16.
Field, Joseph C., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call transmitter. 2,189,944; Feb. 13.
Field, Joseph C., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call transmitter. 2,206,224; July 2.
Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Time element relay. 2,199,335; Apr. 30.
Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Thermal operated circuit controlling device. 2,204,481; June 11.
Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Direct current motor. 2,206,667; July 2.
Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Light signal for railroads. 2,217,218; Oct. 8.

Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Detachable plug coupler for electrical connections. 2,217,219; Oct. 8.
Field, Walter P., Brockton, Mass. Shoe and making the same. 2,194,788; Mar. 26.
Field, Walter P., Brockton, Mass. Shoemaking method. 2,210,753; Aug. 6.
Fielder, Harold S., La Grange, Ill., and L. O. Ott, San Francisco, Calif., assignors to Cherry-Burrell Corporation, Wilmington, Del. Production of artificially cultured buttermilk. 2,209,516; July 30.
Fields, Chris J. (See Renno, D. G., and Fields.)
Fields, David E., Tulsa, Okla. Heat exchanger. 2,198,529; Apr. 23.
Fields, Elmer W., Columbus, Ohio. Control system. 2,195,954; Apr. 2.
Fields, J Arthur, Ophir, Utah. Animal trap. 2,218,746; Oct. 22.
Fields, James J., North Canton, Ohio. Lifting and transporting apparatus. 2,187,198; Jan. 16.
Fields, Milo J., Bluffton, and C. Zuercher, Berne, Ind. Music note pitch teaching device. 2,189,359; Feb. 6.
Fields, Ollie L., Stockton, Calif. Strap buckle. 2,192,640; Mar. 5.
Fields, William E., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,201,612; May 21.
Fierce, Donald C., St. Albans, N. Y. Remote control for radio receivers. 2,219,919; Oct. 29.
Fiesel, Hermann, deceased, by H. A. S. Fiesel, executor, Frankfort-on-the-Main, Germany, assignor to Western Precipitation Corporation, Los Angeles, Calif. Electrode structure for electric precipitators. 2,208,289; July 16.
Fieser, Frank J., Bronx, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Filtering device. 2,192,968; Mar. 12.
Fiesel, Hildegard A. S., executor. (See Fiesel, Hermann,
Fife, Harvey R. (See Russ, J. M., Jr., and Fife.)
Fife, Harvey R., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Hydraulic brake fluid. 2,200,494; May 14.
Fife, Harvey R., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Fluid pressure transmission media. 2,200,495; May 14.
Figel, Jesse E., assignor to Fairmont Glass Works, Incorporated, Indianapolis, Ind. Lehr feeder. 2,203,385; June 4.
Figenbaum, Karl. (See Larson, J. M., and Figenbaum.)
Figg, Louis J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Denatured alcohol containing dimethallyl ether. 2,191,031; Feb. 20.
Figg, Louis J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Denatured alcohol containing monochlorobenzene. 2,193,024; Mar. 12.
Figg, Louis J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Denatured alcohol containing diamylene. 2,193,025; Mar. 12.
Figg, Louis J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Denatured alcohol containing 1:4-dioxan. 2,196,760; Apr. 9.
Figg, Louis J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Denatured alcohol containing an alkylene dichloride. 2,196,761; Apr. 9.
Figg, Louis J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Denatured alcohol containing a chloroethylene. 2,196,762; Apr. 9.
Figg, Louis J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Liquid antiseptic soap. 2,196,763; Apr. 9.
Figg, Louis J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Denatured alcohol containing an acetylated hardwood oil. 2,200,879; May 14.
Figg, Louis J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Denatured alcohol containing aldol. 2,202,845; June 4.
Figg, Louis J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Denatured alcohol containing a primary amine and chloroform. 2,213,760; Sept. 3.
Figg, Louis J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Denatured alcohol. 2,218,233; Oct. 15.
Figg, Louis J., Jr., and J. W. Rhea, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Denatured alcohol containing a dibutyl ether. 2,191,032; Feb. 20.
Figge, Carroll C., Chicago, Ill. Roof structure and insulating element. 2,215,811; Sept. 24.
Fihe, Albert J. (See Holly, Harry H., assignor.)
Fike, Linus R., Washington, D. C. Holding device. 2,212,859; Aug. 27.
Filatex Corporation. (See Tobias, Fred J., assignor.)
Filben, William M., St. Paul, Minn. Toaster. 2,223,486; Dec. 3.
Filbert, Clyde L., North Sacramento, Calif. Swingable bracket for cabinets. 2,210,235; Aug. 6.
Filby, Carlton W., Jefferson, Ohio. Anchor. 2,204,799; June 18.
Filer & Stowell Co., The. (See Read, Everett C., assignor.)
Files, Adino F., Maumee, Ohio. Container. 2,211,498; Aug. 13.
Files, Cora W. (See Files, Frank P., and C. W.)
Files, Frank P., and C. W., Corpus Christi, Tex. Tie for cotton bales. 2,213,628; Sept. 3.
Files, Glenn W., Oak Park, assignor to General Electric X-Ray Corporation, Chicago, Ill. Radiographic method and apparatus. 2,204,347; June 11.
Filho, Louiz G. (See Gomes, B. C., and Filho.)
Filia, George J., Bridgeport, Conn., assignor to General Electric Company. Clothes wringer. 2,211,599; Aug. 13.
Filipiak, Walter, Chicago, Ill. Golf ball retriever. 2,204,482; June 11.
Filippa, Italo, Alessandria, Italy. Device to modify the wave length range in radio sets. 2,191,562; Feb. 27.
Filko, John, Chicago, Ill. Switch mechanism for motor vehicle signals. 2,209,599; July 30.
Filko, John, Chicago, Ill. Breaker arm for ignition devices. 2,211,412; Aug. 13.
Fill, John V., assignor to Ferrocart Corporation of America, New York, N. Y. Transformer. 2,206,250; July 2.
Filler, Carl G., Knoxville, Tenn. Distributor. 2,190,655; Feb. 20.
Fillmore, Ralph S., Bakersfield, Calif. Door fastener. 2,194,789; Mar. 26.
Filsinger, Erich. (See Becker, H., Brosche, and Filsinger.)
Filsinger, Erich. (See Becker, H., and Filsinger.)
Filsinger, Erich, Wetzlar, Germany, assignor, by mesne assignments, to F. Dumur, Lausanne, Switzerland. Camera flashlight synchronizer. 2,224,674; Dec. 10.
Filter Tips Limited. (See Bernd, Adolf, assignor.)
Filter Tips Limited. (See Edwards, William F. M., assignor.)
Filtration Equipment Corp. (See Fraser, Charles E., assignor.)
Filtration Equipment Corporation. (See Laughlin, William C., assignor.)
Finch, Arthur, et al. (See Vanderhoof, F. E., assignor.)
Finch, James L., Patchogue, N. Y., assignor to Radio Corporation of America. Rectifier system. 2,186,239; Jan. 9.
Finch, James L., Patchogue, N. Y., assignor to Radio Corporation of America. Modulation system. 2,205,880; June 25.
Finch, James L., Patchogue, N. Y., assignor to Radio Corporation of America. Vacuum tube filament supply. 2,215,521; Sept. 24.
Finch, James L., Patchogue, N. Y., assignor to Radio Corporation of America. Frequency modulation. 2,225,691; Dec. 24.
Finch, Laurence W. (See Letourneau, D. H., and Finch.)
Finch, Percy R., and J. M. Johnson, assignors, by mesne assignments, to Beacon Meters, Inc., Chicago, Ill. Parking meter. 2,227,181; Dec. 31.
Finch, Percy R., and O. J. Herb, assignors, by mesne assignments, to Beacon Meters, Inc., Chicago, Ill. Parking meter. 2,227,182; Dec. 31.
Finch, Raymond C., assignor to Art Metal Construction Company, Jamestown, N. Y. Index and signal arrangement. 2,194,083; Mar. 19.
Finch, Raymond J., Schenectady, assignor to American Locomotive Company, New York, N. Y. Rod grease cup. 2,194,931; Mar. 26.
Finch, William G. H., Spuyten Duyvill, N. Y. Color picture transmission system. 2,185,806; Jan. 2.
Finch, William G. H., Spuyten Duyvil, N. Y. Unitary system for transmitting color and black-white pictures. 2,187,374; Jan. 16.
Finch, William G. H., Spuyten Duyvill, N. Y. Continuous sheet facsimile system. 2,203,461; June 4.
Finch, William G. H., Spuyten Duyvil, N. Y. Facsimile synchronizing system. 2,212,968; Aug. 27.
Finch, William G. H., Spuyten Duyvil, N. Y. Continuous facsimile radio recorder. 2,212,969; Aug. 27.
Finch, William G. H., Spuyten Duyvil, N. Y. Multistylus facsimile recorder. 2,212,970; Aug. 27.
Finch, William G. H., Spuyten Duyvil, N. Y. Facsimile synchronizing system. 2,212,971; Aug. 27.
Finch, William G. H., New York, N. Y. Facsimile scanning system. 2,204,271; June 11.
Fincher, John L., assignor to Lufkin Foundry & Machine Company, Lufkin, Tex. Combination swing and knockout for cranking units. 2,210,661; Aug. 6.
Finck, Joseph L., Brooklyn, N. Y. Insulating building and like structures. 2,205,829; June 25.
Finckel, William H., Jr. (See Kee, Charles L., assignor.)
Finder, George, New York, N. Y. Belt. 2,219,556; Oct. 29.
Findlater, Stevenson, McKeesport, Pa., assignor to National Tube Company. Wiping device. 2,220,643; Nov. 5.
Findlay, Albert, Montreal, assignor to J. B. Frosst, Westmount, Quebec, Canada. Electrical transmitting means for speaking announcements. 2,191,612; Feb. 27.
Findley, Howard J., Euclid, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Air intake device for vehicles. 2,198,156; Apr. 23.
Findley, Howard J., Euclid, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Heat exchanger. 2,200,620; May 14.
Findra, George, New Brunswick, N. J. Eraser feeding device. 2,204,038; June 11.
Fine, David S., New York, and H. D. Hussey, Mount Vernon, N. Y. Derrick pedestal. 2,198,281; Apr. 23.
Fines, Leonard M., Gunton, Manitoba, Canada. Hand controlled braking mechanism. 2,223,800; Dec. 3.

Finger, Clinton H., Milford, Conn., assignor to General Electric Company. Electrical connector. 2,209,814; July 30.
Finger, Paul E., assignor to Standard Railway Equipment Manufacturing Company, New Kensington, Pa. Car roof. 2,198,432; Apr. 23.
Finger, Paul E., assignor to Standard Railway Equipment Manufacturing Company, New Kensington, Pa. Car roof. 2,198,433; Apr. 23.
Finger, Paul E., assignor to Standard Railway Equipment Manufacturing Company, New Kensington, Pa. Freight car construction. 2,204,348; June 11.
Fink, Fred B., Davenport, Iowa, assignor to Wafi-Berger, Inc., Moline, Ill. Cooking meat and apparatus therefor. 2,191,275; Feb. 20.
Fink, Fred W., Fort Peck, Mont. Bookmark. 2,211,497; Aug. 13.
Fink, Heinrich. (See Maier, W., Plepp, and Fink.)
Fink, Henry W., assignor to Tropic-Aire, Incorporated, Minneapolis, Minn. Combination heater and defroster. 2,213,463; Sept. 3.
Fink, Henry W., Minneapolis, Minn., assignor, by mesne assignments, to Excel Auto Radiator Company, Chicago, Ill. Windshield defroster. 2,214,165; Sept. 10.
Fink, Henry W., assignor to Tropic-Aire, Incorporated, Chicago, Ill. Heater unit. 2,225,985; Dec. 24.
Fink-Roselieve Co. (See Schwartzmann, Harry, assignor.)
Finke, Arno, Lengerich, Westphalia, Germany. Machine for making paper bags. 2,205,718; June 25.
Finke, Ralph W., Olympia, Wash. Lift bridge. 2,198,810; Apr. 30.
Finke, Ralph W., and O. R. Elwell, deceased, by B. W. Elwell, Olympia, Wash., executrix. Bridge cable anchorage. 2,198,809; Apr. 30.
Finkelstein, William, Philadelphia, Pa. Handle and loop. 2,195,028; Mar. 26.
Finlayson, Donald. (See Dreyfus, H., Finlayson, and Perry.)
Finlayson, Donald. (See Wylde, J. R., and Finlayson.)
Finlayson, Donald, Spondon, near Derby, England, assignor to Celanese Corporation of America. Traverse mechanism for yarn-winding machines. 2,200,388; May 14.
Finlayson, Donald, and R. G. Perry, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture and treatment of textile materials. 2,195,564; Apr. 2.
Finlayson, Donald, and L. Latham, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of yarns containing staple fiber from yarns composed of continuous filaments. 2,197,856; Apr. 23.
Finlayson, Donald, and L. Latham, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of yarns containing staple fiber from yarns composed of continuous filaments. 2,197,857; Apr. 23.
Finlayson, Donald, and J. F. Levers, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile product. 2,199,428; May 7.
Finlayson, Donald, and J. F. Levers, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile material. 2,199,429; May 7.
Finlayson, Donald, and J. R. Wylde, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production and treatment of textile fabrics. 2,200,389; May 14.
Finlayson, Donald, and R. G. Perry, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treating fabrics and other materials. 2,224,293; Dec. 10.
Finley, Albert E., Raleigh, N. C. Tamping roller tooth. 2,206,349; July 2.
Finley, Frank W. (See Morris, Jolly L., assignor.)
Finley, Sam E., Atlanta, Ga. Constructing bituminous-bound wearing surfaces for roadways and streets. 2,220,149; Nov. 5.
Finley, Thomas M., Irondale, Mo. Aeromarine boat. 2,215,919; Sept. 24.
Finn, Charles. (See Kramer, Robert C., assignor.)
Finn, Robert R. (See Beardsley, R. O., and Finn.)
Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Gauge for shoe pressing machines. 2,186,961; Jan. 16.
Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Sole pressing machine. 2,187,828; Jan. 23.
Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Method of and apparatus for pounding shoes. 2,196,204; Apr. 9.
Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Making shoes. 2,197,928; Apr. 23.
Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Sole laying machine. 2,201,996; May 28.
Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Pressure-applying pad. 2,205,400; June 25.
Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Fluid motor for pressing soles on shoes. 2,213,244; Sept. 3.
Finn, William, Chelsea, assignor to A. S. Guterman, Brookline, and H. N, Guterman, Newton, Mass., and G. G. Werman and H. N. Werman, Brooklyn, N. Y., trustees. Making imitation moccasins. 2,207,977; July 16.
Finne, Jacob von S., Norrkoping, Sweden, assignor to International Harvester Company. Fertilizer distributor. 2,200,773; May 14.
Finnegan, George B., Jr., and G. D. Creelman, Mountain Lakes, N. J.; said Creelman assignor to said Finnegan and H. N. Durham, Munsey Park, Long Island, N. Y. Photographic camera. 2,224,726; Dec. 10.
Finnegan, Martin J. (See Baer, H., and Finnegan.)
Finnegan, Patrick. (See Bishop, F. L., Du Bois, and Finnegan.)
Finnegan, Wilfred A. (See Chapman, Ralph W., as-
Finnell System, Inc. (See Sarber, Ira C., assignor.)
Finney, John H. V. (See Gates, J. G., and Finney.)
Finney, John H. V., Denver, Colo., assignor to H. C. Hirsch, El Paso, Tex. Material classifier. 2,189,418; Feb. 6.
Finney, John H. V., Denver, Colo., assignor to H. C. Hirsch, El Paso, Tex. Material classifier. 2,189,419; Feb. 6.
Finnigan, Charles W. (See Mountjoy, G., and Finnigan.)
Finnigan, Lawrence L., Seattle, Wash. Air control means for oil burners. 2,214,246; Sept. 10.
Finucan, William R., Cleveland, Ohio. Fish lure. 2,218,259; Oct. 15.
Finwall, Nelson J., Oakland, Calif. Oil filter circuit. 2,219,101; Oct. 22.
Finzel, Theron G., Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Transparent moistureproof pellicle and making same. 2,209,965; Aug. 6.
Fiore, Alphonse T. (See Kunz, E. C., and Fiore.)
Fioritto, Michael, Ottowa Hills, Ohio. Stair tread. worth, George P., assignor.)
Fire-Gard Corporation. (See Stover, Paul A., assignor.)
Firestone Tire & Rubber Company, The. (See Alderfer, Sterling W., assignor.)
Firestone Tire & Rubber Company, The. (See Bosom-2,190,446; Feb. 13.
Firestone Tire & Rubber Company, The. (See Brink, Winfield S., assignor.)
Firestone Tire & Rubber Company, The. (See Brown, Archibald M., assignor.)
Firestone Tire & Rubber Company, The. (See Brown, Roy W., assignor.)
Firestone Tire & Rubber Company, The. (See Coats, Harry P., assignor.)
Firestone Tire & Rubber Company, The. (See Dunbrook, R. F., and Humphrey, assignors.)
Firestone Tire & Rubber Company, The. (See Edwards, T. W., and Nagel, assignors.)
Firestone Tire & Rubber Company, The. (See Greenup, Harold W., assignor.)
Firestone Tire & Rubber Company, The. (See Hale, James E., assignor.)
Firestone Tire & Rubber Company, The. (See Hatch, J. W., and Burman, assignors.)
Firestone Tire & Rubber Company, The. (See Hulslander, Ray D., assignor.)
Firestone Tire & Rubber Company, The. (See Ickes, Howard C., assignor.)
Firestone Tire & Rubber Company, The. (See Kuhn, John W., assignor.)
Firestone Tire & Rubber Company, The. (See Kuhn, Max O., assignor.)
Firestone Tire & Rubber Company, The. (See Saurer, Curt, assignor.)
Firestone Tire & Rubber Company, The. (See Soper, Cleveland C., assignor.)
Firestone Tire & Rubber Company, The. (See Welch, William H., assignor.)
Firetone, Harold E., assignor to C. G. Conn, Ltd., Elkhart, Ind. Musical instrument. 2,194,545; Mar. 26.
Firma Kreidler's Metall & Drahtwerke Gesellschaft mit beschränkter Haftung. (See Staiger, Karl assignor.)
Firmenich and Cie. (See Firmenich, Roger, assignor.)
Firmenich & Cie. (See Stoll, Max, assignor.)
Firmenich, Roger, assignor to firm Firmenich and Cie., successors of Societe Anonyme M. Naef & Cie., Geneva, Switzerland. Preparing higher lactones containing at least 11 carbon atoms and at least 2 heterocyclically bound oxygen atoms in the lactone ring. 2,202,448; May 28.
First Caisson Machinery & Boring Co. (See Satre, Hilmar E., assignor.)
First National Bank, executor. (See De Long, Frank E.)
First National Bank in Bartlesville, administrator. (See Frey, F. E., and Fitch.)
First National Bank in Bartlesville, administrator. (See Frey, F. E., Snow, and Fitch.)
First National Bank of Chicago, The, et al., co-executors. (See Epstein, A. K., Harris, and Reynolds.)
Firth, David, Flint, Mich., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Carburetor. 2,190,314; Feb. 13.
Firth, David, Flint, Mich., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Carburetor. 2,223,987; Dec. 3.
Firth, Lewis G. (See Welch, E. B., and Firth.)
Firth-Sterling Steel Company. (See Welch, E. B., and Firth. assignors.)

Firth, Thos. & John Brown Limited. (See Hatfield, William H., assignor.)
Fisch, Willi. (See Widmer, G., and Fisch.)
Fisch, Willi. (See Widmer, G., Fisch, and Jakl.)
Fischbeck, John F., et al. (See Atkins, H. J., and Bennett, assignors.)
Fischel, Eduard, Berlin-Tempelhof, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin Germany. System for the automatic control of airplanes. 2,191,250; Feb. 20.
Fischel, Eduard, Berlin-Charlottenburg, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung, Berlin, Germany. Gyroscope. 2,219,985; Oct. 29.
Fischel, Eduard, Berlin-Charlottenburg, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung, Berlin, Germany. Damping means for indicating instruments. 2,226,902; Dec. 31.
Fischel, Eduard, Berlin-Charlottenburg, and J. Thiry, Berlin-Sudende, assignors to Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung, Berlin, Germany. Control apparatus for vehicles. 2,188,834; Jan. 30.
Fischel, Eduard, Berlin-Charlottenburg, and F. Lauck, Berlin-Spandau, assignors to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Course indicator for aircraft. 2,220,055; Oct. 29.
Fischer, Albert, assignor to the firm Erwin Behr, Mobelfabrik, Wendlingen, Wurtemberg, Germany. Hinge. 2,201,968; May 21.
Fischer, Albert C., Chicago, Ill. Structural member. 2,185,335; Jan. 2.
Fischer, Albert C., Chicago, Ill. Perfumed sponge rubber article. 2,194,649; Mar. 26.
Fischer, Albert C., Chicago, Ill. Sheet forming apparatus and method. 2,200,269; May 14.
Fischer, Albert C., Chicago, Ill. Expansion joint. 2,224,148; Dec. 10.
Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Constructional material. 2,204,523; June 11.
Fischer, Albert C., and R. D. Moyers, Chicago, Ill. Bracketing device. 2,223,680; Dec. 3.
Fischer, Alfred L., Portland, Maine. Traction apparatus for motor vehicles. 2,205,689; June 25.
Fischer, Anthony J., Jackson Heights, Long Island, assignor to The Dorr Company, Inc., New York, N. Y. Digestion of sewage sludge. 2,190,598; Feb. 13.
Fischer, Anton, North Bergen, N. J. Smoker's appliance. 2,216,166; Oct. 1.
Fischer, Arnold F., Bronx, assignor to Minco Products Corporation, New York, N. Y. Safety control mechanism for a wire stitching machine. 2,199,286; Apr. 30.
Fischer, Arnold F., Bronx, assignor to Minco Products Corporation, New York, N. Y. Safety control. 2,226,903; Dec. 31.
Fischer, Aubrey D. (See Luchs, F. J., and Fischer.)
Fischer, Charles, Newark, N. J. Attaching tool for sectional skid chains. 2,216,469; Oct. 1.
Fischer, Edward L., Davenport, Iowa. Flow meter. 2,221,943; Nov. 19.
Fischer, Edwin L., Binghamton, N. Y., assignor to Radio Corporation of America. Film reel. 2,189,547; Feb. 6.
Fischer, Emanuel M. (See Fischer, Sidney, assignor.)
Fischer, Erich, Bad Soden in Taunus, Germany, assignor to General Aniline & Film Corporation. Monoazo dyestuffs soluble in water. 2,205,848; June 25.
Fischer, Erich, Bad Soden in Taunus, and O. Lang, and A. Siebert, Frankfort-on-the-Main, Germany, assignors to General Aniline & Film Corporation. Azo dyestuffs soluble in water. 2,205,849; June 25.
Fischer, Erich, and W. Gmelin, Bad Soden in Taunus, R. Huss, Frankfort-on-the-Main-Hochst, and H. Krzikalla and H. Pardon, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation. Nitro-dyestuffs and preparing them. 2,221,131; Nov. 12.
Fischer, Ernst, Offenbach-on-the-Main, Germany, assignor to General Aniline & Film Corporation. Monoazo dyestuffs insoluble in water. 2,201,648; May 21.
Fischer, Ernst, Offenbach-on-the-Main, Germany, assignor to General Aniline & Film Corporation. Monoazo dyestuffs insoluble in water. 2,204,958; June 18.
Fischer, Ernst, Offenbach-on-the-Main, Germany, assignor to General Aniline & Film Corporation. Monoazo dyestuffs insoluble in water. 2,208,363; July 16.
Fischer, Ernst, Offenbach-on-the-Main, Germany, assignor to General Aniline & Film Corporation. Monoazo dyestuffs insoluble in water. 2,208,925; July 23.
Fischer, Ernst, Offenbach-on-the-Main, Germany, assignor to General Aniline & Film Corporation. Monoazo dyestuffs insoluble in water. 2,210,072; Aug. 6.
Fischer, Ernst, Offenbach-on-the-Main, Germany, assignor to General Aniline & Film Corporation. Mono-azo dyestuffs insoluble in water. 2,220,598; Nov. 5.
Fischer, Ernst, Offenbach-on-the-Main, Germany, assignor to General Aniline & Film Corporation. Monoazo dyestuffs insoluble in water. 2,222,763; Nov. 26.
Fischer, Ernst, Berlin-Lichterfelde, J. Fischer and W. Gabriel, Berlin-Spandau, H. Lintzel, Berlin-Siemensstadt, and H. Menke, Berlin-Spandau, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Air spaced coaxial high-frequency cable. 2,210,400; Aug. 6.
Fischer, Franz. (See Langgasser, H., and Fischer.)
Fischer, Franz, and H. Pichler, Mulheim-Ruhr, Germany, assignors, by mesne assignments, to Hydrocarbon Synthesis Corporation, Linden, N. J. Preparing solid paraffins. 2,206,500; July 2.
Fischer, Franz G., Freiburg, assignor to Schering Aktiengesellschaft, Berlin, Germany. Separation of acylatable substances from mixtures containing same. 2,208,808; July 23.
Fischer, Frederick G. (See Coffman, Samuel M., assignor.)
Fischer, Frederick J. (See Malmquist, O. V., and Fischer.)
Fischer, Friedrich E., Erlenbach, Switzerland. Structural composition of anodes for electro-thermically modulable radiators. 2,189,786; Feb. 13.
Fischer, Friedriech C., De Witt, Nebr. Wrench. 2,206,251; July 2.
Fischer, Hans, Goggingen, near Augsburg, assignor to Maschinenfabrik Augsburg-Nuremberg A. G., Augsburg, Germany. Observation apparatus for printing presses and the like. 2,214,500; Sept. 10.
Fischer, Howard L. (See Franzmeier, Alvin W., assignor.)
Fischer, Howard L. (See Vadnais, Charles L., assignor.)
Fischer, Howard L., St. Paul, Minn. Key case. 2,198,109; Apr. 23.
Fischer, Howard L., St. Paul, Minn. Key case. 2,198,110; Apr. 23.
Fischer, Hyman D. (See Bayless, H. S., Bauer, and Fischer.)
Fischer, Johann R., Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. High frequency system. 2,207,246; July 9.
Fischer, Johannes. (See Fischer, Ernst and J., and Gabriel, Lintzel, and Menke.)
Fischer, Johannes, Berlin-Siemensstadt, and W. Richter, Berlin, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Producing protective coatings on magnesium and the alloys thereof. 2,197,611; Apr. 16.
Fischer, Julius W. (See Kelton, W., and Fischer.)
Fischer, Karl W., Hyde Park, and J. Kadis-Ohlen, Roxbury, Mass. Window cleaning device. 2,196,551; Apr. 9.
Fischer & Krecke G. m. b. H. (See Kruger, K., and Koop, assignors.)
Fischer, Morris, Pittsburgh, Pa. Bedspring. 2,226,165; Dec. 24.
Fischer, Norman C. (See Littlefield, V. D., and Fischer.)
Fischer, Oskar. (See Kuppenbender, H., Fischer, Henkel, Peters, and Mende.)
Fischer, Oskar, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic camera. 2,209,156; July 23
Fischer, Oswald. (See Beyer, E., and Fischer.)
Fischer, Paul E., assignor to E. G. Staude Manufacturing Company, St. Paul, Minn. Rapid change reel for paper fabricating machines. 2,218,352; Oct. 15.
Fischer, Paul F., Streeter, assignor of one-third to F. H. Jahnke, Alfred, and one-third to O. Olson, Streeter, N. Dak. Railroad track gauge, level, and aligning tool. 2,216,436; Oct. 1.
Fischer, Roger, Geneva, Switzerland. Condensation product and manufacturing the same. 2,194,468; Mar. 26.
Fischer, Sidney, assignor of one-half to E. M. Fischer, New York, N. Y. Camera cable release. 2,205,648; June 25.
Fischer, Stefan, Prague-Dejvice, assignor to A. Selig, Prague, Czechoslovakia. Springing system of vehicles. 2,186,065; Jan. 9.
Fischer, Waldo F., assignor to C. E. Kimball, Chattanooga, Tenn. Chain. 2,222,025; Nov. 19.
Fischer, Werner. (See Miescher, K., and Fischer.)
Fischer, Werner. (See Miescher, K., Wettstein, and Fischer.)
Fischer, William, Chicago, Ill. Urinal screen. 2,211,970; Aug. 20.
Fischer, William H., assignor to Knapp-Monarch Company, St. Louis, Mo. Appliance base. 2,204,930; June 18.
Fischer, William H., assignor to Knapp-Monarch Company, St. Louis, Mo. Electrical appliance base. 2,212,065; Aug. 20.
Fischer, William H., assignor to Knapp-Monarch Company, St. Louis, Mo. Washing machine. 2,215,032; Sept. 17.
Fischer, William L., Philadelphia, Pa. Torsional vibration damper. 2,205,401; June 25.
Fischett, Vincent, assignor to National Fabricating Company, South Ozone Park, N. Y. Manufacturing plastic objects of contrasting colors. 2,193,586; Mar. 12.
Fish, Carl C., assignor to The Murray Corporation of America, Detroit, Mich. Vehicle top. 2,193,091; Mar. 12.
Fish, Eugene B., assignor to West Coast Pipe & Steel Company, Los Angeles, Calif. Irrigation pipe and coupling. 2,187,119; Jan. 16.
Fish, John R., West Springfield, Mass. Carburetor. 2,214,273; Sept. 10.
Fish Oven & Equipment Company. (See Fonken, Martin E., assignor.)
Fishbein, Fred, and J. Harr, assignors to H. Cohen, Newark, N. J. Rotatively oscillatable hair clipper. 2,191,073; Feb. 20.

Fishburn, Otto E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Transmission. 2,198,662; Apr. 30.
Fishburn, Otto E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,205,473; June 25.
Fishel, John B. (See Anderson, G. K., Taylor, and Fishel.)
Fishel, Milton A., New York, N. Y. Christmas tree ornament. 2,220,568; Nov. 5.
Fisher, Alan R., New York, N. Y. Apparatus for freezing berries. 2,200,331; May 14.
Fisher, Albert, Bronx, N. Y. Toy railroad. 2,198,306; Apr. 23.
Fisher, Albert A., assignor to The Insulite Company, Minneapolis, Minn. Display device. 2,200,446; May 14.
Fisher, Alfred J., C. Rehbein, and F. Coates, assignors to General Motors Corporation, Detroit, Mich. Metal body. 2,210,533; Aug. 6.
Fisher, Allan W., St. Petersburg, Fla. Acoustical apparatus. 2,193,398; Mar. 12.
Fisher, Allan W., St. Petersburg, Fla. Acoustical apparatus. 2,193,399; Mar. 12.
Fisher, Bergie L., Martinsville, Va. Noise suppression apparatus for telephones. 2,191,375; Feb. 20.
Fisher, Bernard J., New Orleans, La. Escapement operating mechanism for typographical composing machines. 2,215,033; Sept. 17.
Fisher, Charles C., executor. (See Fisher, Charles E.)
Fisher, Charles E., deceased, Baltimore, by C. C. Fisher, executor, Ellicott City, Md., and M. Fisher, executrix. Machine for making cylindrical brushes. 2,223,681; Dec. 3.
Fisher, Charles W., Coffeyville, Kans., assignor to Robinson Packer Company, Tulsa County, Okla. Formation packer for oil wells. 2,223,099; Nov. 26.
Fisher, Clarence E., Baltimore, Md. Opposed twin cylinder engine. 2,212,595; Aug. 27.
Fisher, Clayton F., Spencer, and E. E. Franks, Jr., assignors to Sleeper & Hartley, Inc., Worcester, Mass. Wire coiling machine. 2,192,260; Mar. 5.
Fisher, Daniel B., Los Angeles, Calif. Garment. 2,202,341; May 28.
Fisher, Donald, Elizabeth, G. B. Parker, East Orange, L. L. Parker, Ridgewood, and J. P. Meehan, Harrington Park, N. J., assignors to American Telephone and Telegraph Company. Apparatus for transferring cable circuits. 2,212,290; Aug. 20.
Fisher, Edwin J., Kirkersville, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Apparatus for coating strands. 2,224,149; Dec. 10.
Fisher, Emil G. (See Hellwig, A. P., and Fisher.)
Fisher, Ernest F., Springfield, Ill. Wet type dust collector. 2,224,429; Dec. 10.
Fisher, Foster H., Cleveland, Ohio. Electric float. 2,205,352; June 18.
Fisher, Frederick E., Scotia, N. Y., assignor to General Electric Company. Clutch mechanism. 2,212,395; Aug. 20.
Fisher, George N. (See Sheldon, L. M., Goff, Alderson, and Fisher.)
Fisher, Gerhard R. (See Miller, H. B., and Fisher.)
Fisher, Glenn, Junction City, Kans. Portable foldable seat. 2,198,157; Apr. 23.
Fisher, Harry C., and J. F. Thompson, Cincinnati, and W. E. Sooy, assignors to The Gardner-Richardson Company, Middletown, Ohio. Waterproof and greaseproof paper. 2,205,557; June 25.
Fisher, Herman G., assignor to Fisher-Price Toys, Inc., East Aurora, N. Y. Action toy. 2,186,936; Jan. 16.
Fisher, Herman W., Philadelphia, Pa. Automatic fluid dispenser. 2,210,206; Aug. 6.
Fisher, Howard T., Winnetka, assignor to General Houses, Inc., Chicago, Ill. Building system. 2,187,148; Jan. 16.
Fisher, James B. (See DeLong, J. E., and Fisher.)
Fisher, John S., assignor to The General Metals Powder Company, Akron, Ohio. Article of manufacture. 2,191,460; Feb. 27.
Fisher, John S., assignor to The General Metals Powder Company, Akron, Ohio. Producing metal powders. 2,216,167; Oct. 1.
Fisher, Lawrence E. (See Frank, W. H., and Fisher.)
Fisher, Lawrence E. (See Frank, W. H., Fisher, and Messing.)
Fisher, Lawrence E., Detroit, Mich. Switch. 2,225,692; Dec. 24.
Fisher, Lawrence E., and W. H. Frank, Detroit, Mich. Switch. 2,211,107; Aug. 13.
Fisher, Louis D., Aberdeen, assignor to Grays Harbor Chair & Mfg. Company, Hoquiam, Wash. Furniture. 2,199,238; Apr. 30.
Fisher, Lyman C., Detroit, Mich. Circuit breaker. 2,212,732; Aug. 27.
Fisher, Mollie, executrix. (See Fisher, Charles E.)
Fisher, Norman, Eagle Grove, Iowa. Pneumatic cushion. 2,199,047; Apr. 30.
Fisher-Price Toys, Inc. (See Fisher, Herman G., assignor.)
Fisher, Richard D., and C. Riley, assignors to White Manufacturing Company, Elkhart, Ind. Loading device. 2,190,061; Feb. 13.
Fisher, Robert P., Los Angeles, assignor to Rudolph Pageman, Compton, Calif. Rotary drill bit. 2,215,264; Sept. 17.
Fisher Scientific Company. (See Warren, William B., assignor.)
Fisher, Sol, Cleveland Heights, Ohio. Hair curling device. 2,196,524; Apr. 9.
Fisher, Sol, Cleveland Heights, Ohio. Device for and method of curling hair. 2,196,525; Apr. 9.
Fisher, Sol, Cleveland Heights, Ohio. Hair curling device. 2,201,613; May 21.
Fisher, Webster E. (See Malm, C. J., and Fisher.)
Fisher, Webster E., assignor to Eastman Kodak Company, Rochester, N. Y. Recovery of ethylene glycol from aqueous solutions. 2,218,234; Oct. 15.
Fishwick, Albert B., Cincinnati, Ohio. Bag and handle. 2,192,131; Feb. 27.
Fishwick, Walter E. (See Derbyshire, J., and Fishwick.)
Fisk, Ernest T., Sydney, New South Wales, Australia. Sound-excluding ventilating window. 2,206,175; July 2.
Fisk, Frank B., Indianapolis, Ind., assignor, by mesne assignments, to Allied Laboratories, Inc., Kansas City, Mo. Amine hydriodides. Re. 21,528; Aug. 13.
Fisk, John W., Independence, Mo. Adjustable gun sight. 2,192,544; Mar. 5.
Fiske Brick & Granule Company. (See Colbert, Clarence L., assignor.)
Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals, Inc., Cleveland, Ohio. Demountable tank body. 2,189,787; Feb. 13.
Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals, Inc., Cleveland, Ohio. Demountable tank body. 2,189,945; Feb. 13.
Fitch, Cecil R., St. Paul, Minn. Electrode holder. 2,220,783; Nov. 5.
Fitch, Clifford E., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Impact wrench. 2,219,865; Oct. 29.
Fitch, Clifford E., Detroit, Mich., assignor to Ingersoll-Rand Company, Jersey City, N. J. Impact tool. 2,220,711; Nov. 5.
Fitch, Clyde J. (See Schneider, K. R., and Fitch.)
Fitch, Clyde J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Signal generator. 2,195,853; Apr. 2.
Fitch, Clyde J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Signaling system. 2,195,855; Apr. 2.
Fitch, Clyde J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Signaling system. 2,195,856; Apr. 2.
Fitch, Clyde J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Signaling system. 2,195,857; Apr. 2.
Fitch, Clyde J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Signaling system. 2,209,395; July 30.
Fitch, Clyde J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Signaling system. 2,210,574; Aug. 6.
Fitch, Clyde J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Signaling system. 2,210,575; Aug. 6.
Fitch, Clyde J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Signaling system. 2,210,576; Aug. 6.
Fitch, Clyde J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Signaling system. 2,210,577; Aug. 6.
Fitch, Clyde J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Signaling system. 2,213,563; Sept. 3.
Fitch, Clyde J., and K. R. Schneider, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Signal transmitting means. 2,195,854; Apr. 2.
Fitch, Edward W., University Heights, Ohio, assignor to Bailey Meter Company. Control system. 2,202,485; May 28.
Fitch, Ellery, Bogue, Kans. Endgate latch. 2,210,286; Aug. 6.
Fitch, Hurshel H., assignor to Auburn Foundry, Inc., Auburn, Ind. Line drive and feed for stokers. 2,208,757; July 23.
Fitch, Jason A. (See Anderson, A. H., Fitch, and Straubel.)
Fitch, Louis H., Jr. (See Frey, F. E., and Fitch.)
Fitch, Louis H., Jr. (See Frey, F. E., Snow, and Fitch.)
Fitchett, Thomas S., assignor to F. X. Hooper Company, Inc., Glen Arm, Md. Steam shower for paper corrugators. 2,208,126; July 16.
Fites, Cyril B., Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Compressor shut-off valve mechanism. 2,200,598; May 14.
Fitting, George. (See Corey, Neil, assignor.)
Fitts, George M., Washington, D. C. Resilient spacing means for valve-actuating mechanisms. 2,225,265; Dec. 17.
Fitzgerald, Donald V. (See Watermann, W., and Fitzgerald.)
Fitzgerald, Edward A., San Francisco, Calif. Control method and device for radio sets and the like. 2,225,043; Dec. 17.
Fitzgerald, Harold R., Rocky River, assignor to The Midland Steel Products Company, Cleveland, Ohio. Vacuum power brake. 2,197,075; Apr. 16.

Fitzgerald, James H., Westfield, N. J. Regulating gate. 2,209,115; July 23.
Fitzgerald, John C., Pittsburgh, Pa. Telltale. 2,210,807; Aug. 6.
Fitzgerald, John R., Columbus, Ohio. Copying, tracing, and reproducing apparatus. 2,186,330; Jan. 9.
Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,201,432; May 21.
Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Tuning dial. 2,203,723; June 11.
Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,203,724; June 11.
Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,207,092; July 9.
Fitz Gerald John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Dynamometer. 2,211,108; Aug. 13.
Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Tuning dial. 2,211,539; Aug. 13.
Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,217,047; Oct. 8.
Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Coincidental lock. 2,221,082; Nov. 12.
Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,221,083; Nov. 12.
Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,221,084; Nov. 12.
Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,221,085; Nov. 12.
Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Radio tuning device. 2,226,858; Dec. 31.
Fitzgerald, Joseph M., executrix. (See Fitzgerald, William H. J. and R. P., assignors.)
Fitzgerald, Josephine M., executrix. (See Fitzgerald, William H. J. and R. P.)
Fitzgerald, Louis A., Bodie, assignor to The Merrill Company, San Francisco, Calif. Filter bag head. 2,202,049; May 28.
Fitzgerald, M. C., et al. (See McKinney, E. L., and Eagle, assignors.)
Fitzgerald, Reginald P. (See Fitzgerald, William H. J. and R. P., assignors.)
Fitzgerald, Reginald P., assignor to Pneumatic Drop Hammer Company, Braintree, Mass. Double-acting drop hammer. 2,220,037; Oct. 29.
Fitzgerald, William H. J., deceased, by J. M. Fitzgerald, executrix, and R. P. Fitzgerald, assignors to Pneumatic Drop Hammer Company, Braintree, Mass. Drop hammer die and forming same. 2,106,812; July 2.
Fitzgerald, William H. J. and R. P., Braintree, assignors to Pneumatic Drop Hammer Company, Roxbury, Mass. Piston rod connection for drop hammers. 2,195,644; Apr. 2.
Fitzgerald, William H. J., deceased, by J. M. Fitzgerald, executrix, and R. P. Fitzgerald, assignors to Pneumatic Drop Hammer Co., Braintree, Mass. Piston rod assembly. 2,211,717; Aug. 13.
Fitzgerald William H. J., deceased, by J. M. Fitzgerald, executrix, and R. P. Fitzgerald, assignors to Pneumatic Drop Hammer Company, Braintree, Mass. Double lift drop hammer. 2,220,036; Oct. 29.
Fitzgerald, William R., and A. Docken, Chicago, Ill. Cleaning machine. 2,205,249; June 18.
Fitzhugh, William W., Inc. (See Hornecker, George, assignor.)
Fitzky, Wilhelm. (See Friedrichsen, W., and Fitzky.)
Fitzmeyer, William M., Omaha, Nebr. Bottle wiper 2,198,698; Apr. 30.
Fitzner, Ernst, Stuttgart-Wangen, assignor to Dr. Ing. h. c. F. Porsche, K.-G., Stuttgart-Zuffenhausen, Germany. Power vehicle. 2,226,759; Dec. 31.
Fitz-On Sales Corporation. (See Critchley, James V., assignor.)
Fitzpatrick, Walter G., Houston, Tex. Hydrodynamic brake resistance control and cooling system. 2,226,558; Dec. 31.
Fitz-Randolph, William P., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive article. 2,223,063; Nov. 26.
Fitz Simons, Ogden, assignor to Floridin Company, Warren, Pa. Reactivating bauxite. 2,191,592; Feb. 27.
Fivecoate, Edward D., St. Louis, and T. H. Fleming, Brentwood, Mo.; said Fivecoate assignor to said Fleming. Portable hoist. 2,207,053; July 9.
Five-Way Expansion Joint Co. (See Krumholtz, Fred L., assignor.)
Fix, Earl L., New Kensington, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Safety glass. 2,202,690; May 28.
Fix, Earl L., New Kensington, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Double glazing unit. 2,205,522; June 25.
Flack, Walter E. (See Harrison, J. K. M., and Flack.)
Flader, Fredric E., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Gusseted fitting. 2,189,201; Feb. 6.
Fladmark, Thor, Aalesund, Norway. Nautical course corrector. 2,185,912; Jan. 2.
Fladoos, Gertrude. (See Hansen, Henry C., assignor.)
Flagstad, Cornell, Minneapolis, Minn. Ironing table. 2,220,896; Nov. 12.
Flagstad, Oscar A., Minneapolis, Minn. Ironing table 2,198,606; Apr. 30.
Flagstad, Oscar A., Minneapolis, Minn. Ironing table 2,198,607; Apr. 30.
Flagstad, Oscar A., Minneapolis, Minn. Ironing table 2,198,608; Apr. 30.
Flaharty, Arthur L., Winslow, Ariz. Cushion cover for seat boxes of railway locomotives. 2,218,951; Oct. 22.
Flaherty, Charles J., Bronx, N. Y. Sacroiliac supporter. 2,219,475; Oct. 29.
Flaherty, Franklin T., Swarthmore, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of glycolic acid esters. 2,211,693; Aug. 13.
Flaherty, Mark, and R. S. Holmes, Haddonfield, N. J., assignors to Radio Corporation of America. Television receiver. 2,207,510; July 9.
Flakice Corporation. (See Field, Crosby, assignor.)
Flaks, Julius, Oradell, N. J., assignor, by mesne assignments, to American Cyanamid Company, New York, N. J. 1.4 alkyamino anthraquinone. 2,205,191; June 18.
Flamm, Alexander L., Fairfield, Conn. Toaster or grill. 2,209,677; July 30.
Flamm, Alexander L., Fairfield, Conn. Refrigerator. 2213,274; Sept. 3.
Flammang, John, University City, assignor to The Sterling Corporation, St. Louis, Mo. Piston. 2,186,375; Jan. 9.
Flammang, John, and P. L. Bowser, assignors to The Sterling Corporation, St. Louis, Mo. Molding machine. 2,204,407; June 11.
Flammang, John, University City, P. L. Bowser, St. Louis, W. M. Venner, Richmond Heights, and P. L. Bowser, Jr., University City, assignors to The Sterling Corporation, St. Louis, Mo. Piston. 2,217,541; Oct. 8.
Flammang, John, University City, P. L. Bowser, St. Louis, W. M. Venner, Richmond Heights, and P. L. Bowser, Jr., University City, assignors to The Sterling Corporation, St. Louis, Mo. Piston. 2,217,542; Oct. 8.
Flanagan, Anthony, Ardmore, Pa. Pea sheller. 2,212,637; Aug. 27.
Flanagan, James J., Port Arthur, Tex. Combined cargo loading and trimming device. 2,216,704; Oct. 1.
Flanagan, Thomas B., assignor to The Exact Weight Scale Company, Columbus, Ohio. Weighing scale. 2,224,812; Dec. 10.
Flanagan, Thomas C., and A. D. Fell, assignors to Community Educational Clubs, Inc., Chicago, Ill. Changeable exhibitor. 2,209,517; July 30.
Flanders, Ervin L., assignor of one-half to F. G. Ellis, Oklahoma City, Okla. Gas engine safety attachment. 2,211,971; Aug. 20.
Flanders, Fred L., Muskegon, and J. J. McGerry, East Grand Rapids, assignors to Hygienic Arts Corporation, Muskegon, Mich. Gum massaging device. 2,193,249; Mar. 12.
Flanders, Ralph E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Grinding machine. 2,187,227; Jan. 16.
Flanders, Ralph E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Wheel truing mechanism. 2,187,228; Jan. 16.
Flanders, Ralph E., and L. M. Davis, assignors to Jones & Lamson Machine Company, Springfield, Vt. Wheel-truing mechanism. 2,187,229; Jan. 16.
Flanders, Warren B., Philadelphia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Blade shrouding. 2,211,851; Aug. 20.
Flanigan, George E. (See Ansbacher, S., Flanigan, and Supplee.)
Flanigan, John J., Oak Park, Ill., assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Duplicating machine. 2,185,188; Jan. 2.
Flannelly, Eugene, New York, N. Y. Telephone wire winder. 2,211,561; Aug. 13.
Flannery, William C., Washington, D. C. Car coupler. 2,205,830; June 25.
Flanzer, Joseph A., Laurelton, Long Island, assignor to Electro-Motive Manufacturing Co., Inc., New York, N. Y. Condenser. 2,209,546; July 30.
Flasskamp, Willi. (See Holler, H., and Flasskamp.)
Flater, Donald T. (See Smila, W. H., and Flater.)
Flath, Otto S., Chicago, Ill. Parkway cable outlet head. 2,196,698; Apr. 9.
Flat Light Screen Co. (See Bodde, Bernard M., assignor.)
Flatow, Max W. (See Schimmel, Wilhelm, assignor.)
Flatz, Ira F. (See Riebel, F., Jr., and Flatz.)
Flavin, Edward J., Grand Coulee, Wash. Air jet for sandblasting apparatus. 2,212,158; Aug. 20.
Flaws, John, Jr., East Cleveland, Ohio, assignor to General Electric Company. Alarm and control mechanism. 2,227,303; Dec. 31.
Flax and Linen, Inc. (See Cochrane, Robert B., assignor.)
Flaxman, Marcellus T., Wilmington, assignor to Union Oil Company of California, Los Angeles, Calif. Anhydrous lubricant. 2,199,695; May 7.

Flaxman, Marcellus T., Wilmington, assignor to Union Oil Company of California, Los Angeles, Calif. Sulphurized lubricating oil. 2,212,899; Aug. 27.
Flechsig, Werner, Berlin-Charlottenburg, assignor to Fernseh Aktiengesellschaft, Berlin-Zehlendorf, Germany. Treating luminescent materials. 2,187,022; Jan. 16.
Flechsig, Werner, Berlin-Charlottenburg, assignor to the firm Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. Multistage electron multiplier. 2,192,770; Mar. 5.
Flechsig, Werner, Berlin-Charlottenburg, assignor to the firm Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Electrical oscillator for generation of high frequencies. 2,203,085; June 4.
Flechsig, Werner, Berlin-Charlottenburg, assignor to the firm of Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. Device for reproduction of instantaneous occurrences. 2,213,761; Sept. 3.
Flechsig, Werner, Berlin-Charlottenburg, assignor to the firm of Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. Electron discharge tube. 2,213,762; Sept. 3.
Flechsig, Werner, Berlin-Charlottenburg, assignor to Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. Electron multiplier. 2,216,267; Oct. 1.
Flechsig, Werner, Berlin-Charlottenburg, assignor to Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Electron multiplier. 2,221,447; Nov. 12.
Fleck, Herman, deceased, Santa Monica, Calif.; H. S. Fleck, administrator of said H. Fleck. Recovery of uranium and vanadium from carnotite ores. 2,199,696; May 7.
Fleck, Herman, deceased, Santa Monica, Calif.; H. S. Fleck, administrator of said H. Fleck. Concentrating radium bearing ores. 2,199,697; May 7.
Fleck, Herman S., administrator. (See Fleck, Herman.)
Fleck, Louis C., Appleton, assignor to Paper Patents Company, Neenah, Wis. Water-resistant laminated paper and method of manufacture. 2,200,839; May 14.
Fleck, Louis C., Appleton, assignor to Paper Patents Company, Neenah, Wis. Paper manufacture. 2,208,574; July 23.
Fleck, Louis C., Appleton, assignor to Paper Patents Company, Neenah, Wis. Aluminum phosphate pigmented paper. 2,222,198; Nov. 19.
Fleck, Louis C., Appleton, assignor to Paper Patents Company, Neenah, Wis. Pigmented paper and making same. 2,222,199; Nov. 19.
Fleckenstein, George A., Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Reversible feeding mechanism for sewing machines. 2,215,068; Sept. 17.
Fleckenstein, George A., Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,217,895; Oct. 15.
Fleckenstein, Raymond H., Wilmington, and A. T. Mertes, Newport, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Precipitation. 2,213,211; Sept. 3.
Fleckenstein, Raymond H., and A. T. Mertes, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Precipitation. 2,213,907; Sept. 3.
Fleckenstine, Joe P., Glendale, Calif. Razor cleaning device. 2,187,491; Jan. 16.
Fleer, Egbert, Fond Du Lac, Wis. Knitting elastic tubes. 2,211,228; Aug. 13.
Fleer, Frank H., Corporation. (See Mahle, Louis W., assignor.)
Fleer, Frank H., Corporation. (See Mustin, G. B., and Pittaluga, assignors.)
Fleet, Reuben H., W. B. Wheatley, and I. M. Laddon, San Diego, Calif. Apparatus for arresting launching devices for airplanes. 2,197,299; Apr. 16.
Fleet, Reuben H., W. B. Wheatley, and I. M. Laddon, San Diego, Calif. Airplane launching. 2,197,300; Apr. 16.
Fleet, Reuben H., W. B. Wheatley, and I. M. Laddon, San Diego, Calif. Take-off control and method. 2,202,449; May 28.
Fleet, Reuben H., W. B. Wheatley, and I. M. Laddon, San Diego, Calif. Device for handling aircraft. 2,204,546; June 18.
Fleet, Reuben H., W. B. Wheatley, and I. M. Laddon, San Diego, Calif. Apparatus for arresting launching devices for airplanes. 2,210,449; Aug. 6.
Fleet, Reuben H., W. B. Wheatley, and I. M. Laddon, San Diego, Calif. Device for handling aircraft. 2,217,362; Oct. 8.
Fleet, Thurman G., assignor of one-half to J. L. Price, San Antonio, Tex. Anatomical demonstrating device. 2,197,975; Apr. 23.
Flegel, Benjamin F., Racine, Wis. Automatic electric time switch. 2,219,589; Oct. 29.
Fleischel, Gaston, Bleneau, France. Variable speed and automatically driven transmission. 2,197,301; Apr. 16.
Fleischel, Gaston, Bleneau, France. Device for control and operation by fluid servo-motor. 2,203,296; June 4.
Fleischer, Gerhard A. (See Schwenk, E., Whitman, and Fleischer.)
Fleischer, Joseph, Godfrey Township, Madison County, Ill., assignor to General Motors Corporation, Dayton, Ohio. Refrigerants and methods of transferring heat. 2,191,196; Feb. 20.
Fleischer, Joseph, Clifton Terrace, Ill., and W. A. Bailey, Jr., Baltimore, Md., assignors to The Cellulose Research Corporation, East Alton, Ill. Preparation of cellulose derivatives. 2,191,525; Feb. 27.
Fleischer, Max, Miami Beach, Fla. Making motion picture cartoons. 2,201,649; May 21.
Fleischer, Max, New York, and J. E. Burks, Great Neck, N. Y.; said Burks assignor to said Fleischer. Motion picture apparatus. 2,200,953; May 14.
Fleischer Mills Inc., The. (See Fleischer, N. I., and Peerless, assignors.)
Fleischer, Nathan, New York, N. Y. Paper dispensing pack. 2,207,917; July 16.
Fleischer, Nathan I., and A. Peerless, assignors to The Fleischer Mills Inc., Cincinnati, Ohio. Garment hanger cover. 2,218,816; Oct. 22.
Fleischhauer, Richard, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. Azo dyestuffs. 2,189,262; Feb. 6.
Fleischhauer, Richard, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline & Film Corporation. Dyestuffs of the anthraquinone series. 2,213,188; Sept. 3.
Fleischhauer, Richard, and A. Müller, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline & Film Corporation. Azo dyestuffs. 2,191,823; Feb. 27.
Fleischhauer, Richard, and H. Ritter, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline & Film Corporation. Azo dyestuffs. 2,203,818; June 11.
Fleischhauer, Richard, Frankfort-on-the-Main, and A. Müller, Fechenheim, Germany, assignors to General Aniline & Film Corporation. Monoazo dyestuffs. 2,213,697; Sept. 3.
Fleischhauer, Richard, and E. Korten, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline & Film Corporation. Azo dyestuffs. 2,225,443; Dec. 17.
Fleischman, George B., et al. (See Hurley, Walter G., assignor.)
Fleischman, John, Uniontown, Wash. Nail driver. 2,199,833; May 7.
Fleischmann, Lester K., Chicago, Ill. Billing carbon. 2,225,212; Dec. 17.
Fleischmann, Martin, assignor to The Timken Roller Bearing Company, Canton, Ohio. Ferrous bearing member. 2,207,289; July 9.
Fleischmann, Richard. (See Sturm, E., and Fleischmann.)
Fleisher, Harry, assignor to Princeton Incorporated Watertown, Conn. Knitted fabric. 2,191,883; Feb. 27
Fleisher, Harry, assignor to Princeton Knitting Mills, Inc., Watertown, Mass. Knitted pile tucked fabric. 2,207,397; July 9.
Fleishman, Myron, New York, N. Y. Toy. 2,195,621; Apr. 2.
Fleming, Alexander M. (See Wallace, D. A., Smith, and Fleming.)
Fleming, Alexander M., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Finishing and polishing apparatus. 2,215,692; Sept. 24.
Fleming, Alexander M., Grosse Pointe, and A. B. Canales, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Welding apparatus. 2,215,693; Sept. 24.
Fleming, Augustine L. N., Rutherford, N. J. Split unit. 2,191,444; Feb. 27.
Fleming, David T., Lahaina, Hawaii. Agricultural machine. 2,223,559; Dec. 3.
Fleming, George W., Loganville, and F. A. Graham, York, Pa., assignors to American Chain & Cable Company, Inc., Bridgeport, Conn. Traffic boom. 2,197,406; Apr. 16.
Fleming, Howard M., West Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Listing machine. 2,200,201; May 7.
Fleming, James L., Los Angeles, Calif. Valve. 2,186,481; Jan. 9.
Fleming Manufacturing Company. (See Aldham, Thomas E., assignor.)
Fleming, Raymond E., assignor to National Fiberstok Envelope Co., Philadelphia, Pa. Shipping tag. 2,194,697; Mar. 26.
Fleming, Robert B., Kenmore, assignor to E. J. Brunner, Buffalo, N. Y. Display sign. 2,202,417; May 28.
Fleming, Robert G., Chico, Calif. Combine harvester. 2,199,488; May 7.
Fleming, Thomas H. (See Fivecoate, E. D., and Fleming.)
Fleming, Walter R., Tulsa, Okla. Irrigation tile making machine. 2,209,726; July 30.
Flemming, Walter. (See Jacobi, H., and Flemming.)
Flemming, Walter, Ludwigshafen-on-the-Rhine, and W. Baumeister, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Conversion of olefins into valuable higher molecular products. 2,185,405; Jan. 2.
Flender, A., Friedr., & Co. (See Flender, Alfred F., assignor.)
Flender, Alfred F., Bocholt in Westphalia, assignor to the firm A. Friedr. Flender & Co., Bocholt, Germany. Friction gearing. 2,209,878; July 30.
Flenner, Albert L. (See Tisdale, W. H., and Flenner.)

Flenner, Albert L., R. B. Flint, and F. H. Kaufert, Wilmington, Del., and L. Spiegler, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Insecticidal and fungicidal composition. 2,208,253; July 16.

Flents Products Co. Inc. (See Low, Clarence H., assignor.)

Flesh, Edward M., Ferguson, Mo., assignor to Curtiss-Wright Corporation. Gun mount. 2,212,489; Aug. 20.

Fletcher, Charles L., and G. A. Kirton, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Preparing cellulose pigment. 2,218,235; Oct. 15.

Fletcher, David A., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Modified polymers of methacrylic acid esters and preparation of the same. 2,201,395; May 21.

Fletcher, David A., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic composition. 2,217,163; Oct. 8.

Fletcher, Ed. (See Slayter, G., Atkinson, and Fletcher.)

Fletcher, Ed. (See Thomas, J. H., Fletcher, and Atkinson.)

Fletcher, Frank, et al. (See Ragland, Elbert L., assignor.)

Fletcher, Fred W., G. E. Lynn, and F. B. Smith, assignors to The Dow Chemical Company, Midland, Mich. Insecticide. 2,190,656; Feb. 20.

Fletcher, Henry O., Manchester, N. H. Milling machine. 2,193,193; Mar. 12.

Fletcher, Irving J., assignor to The American Hardware Corporation, New Britain, Conn. Lock. 2,199,336; Apr. 30.

Fletcher, James, Detroit, Mich. Cuprous alloy. 2,212,017; Aug. 20.

Fletcher, James, Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Digester apparatus. 2,185,962; Jan. 2.

Fletcher, James, Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Separator. 2,194,698; Mar. 26.

Fletcher, James L. (See Atchison, L. W., and Fletcher.)

Fletcher, James L., Schenectady, N. Y., assignor to General Electric Company. Refrigerating apparatus. 2,222,707; Nov. 26.

Fletcher, Joseph H., Southgate, Calif. Glare shield. 2,226,056; Dec. 24.

Fletcher, Marjorie W., West Los Angeles, Calif. Brush. 2,223,783; Dec. 3.

Fletcher, Pearle L., San Francisco, Calif. Guard for cooking utensils. 2,198,158; Apr. 23.

Fletcher, Richard H., Hamburg, N. Y. Ventilated crate. 2,224,016; Dec. 3.

Fletcher, Walter J., assignor to The Embossing Company, Albany, N. Y. Educational toy. 2,197,976; Apr. 23.

Fletcher Works. (See Schaum, Fletcher, assignor.)

Flett, Lawrence H. (See Eitelman, M. A., and Flett.)

Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Electrodeposition. 2,195,409; Apr. 2.

Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Alkyl hydroxy aromatic sulphonates. 2,196,985; Apr. 16.

Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Manufacture of side-chain aromatic compounds. 2,199,131; Apr. 30.

Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Product possessing sterilizing properties and method of application. 2,205,558; June 25.

Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Alkyl phenol sulphonates. 2,205,946; June 25.

Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Nuclear alkyl derivatives of phenol compounds. 2,205,947; June 25.

Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Primary alkyl phenol sulphonates. 2,205,948; June 25.

Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Emulsions, suspensions, and like dispersions. 2,205,950; June 25.

Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Alkylhydroxy-diphenyl sulphonates and producing them. 2,223,363; Dec. 3.

Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Producing higher alkyl aromatic sulphonates. 2,223,364; Dec. 3.

Fleury-Bissell Limited. (See Miller, Samuel J., assignor.)

Fleury, Jack E. (See Dillman, E. J., and Fleury.)

Flexible Company, The. (See Neiderhiser, Ralph D., assignor.)

Flexible Steel Lacing Company. (See Olsen, John C., assignor.)

"Flexitallic" Gasket Company. (See Bohmer, H., Jr., and Lippincott, assignors.)

Flex-O-Tube Company, The. (See Miller, William H., assignor.)

Flierl, Harrington. (See Grimm, Royce, assignor.)

Flight Refuelling Limited. (See Cobham, A. J., Allison, and Tripp, assignors.)

Flight Refuelling Limited. (See Cobham, A. J., Johnson, and Allison, assignors.)

Flinchum, William W., Oklahoma City, Okla. Piston. 2,199,950; May 7.

Flindt, Albert O., assignor to General Electric Company, Schenectady, N. Y. Surface cooler. 2,187,555; Jan. 16.

Flinn, Hugo V., Cooleen, Rushbrooke, Cobh, Eire. Track and vehicle therefor, particularly for use as toys. 2,193,687; Mar. 12.

Flint, George W. (See Brunstrum, L. C., Flint, MacLaren, and Adams.)

Flint, Louis J. (See Weathers, Warren F., assignor.)

Flint, Robert B. (See Flenner, A. L., Flint, Kaufert, and Spiegler.)

Flint, Robert B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproof sheet material and moistureproofing composition. 2,216,812; Oct. 8.

Flint, Robert B., and H. S. Rothrock, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Copolymers of styrene with frosting drying oil varnishes. 2,225,534; Dec. 17.

Floating Stations Limited. (See Creed, Frederick G., assignor.)

Floch, Raymond C., Ananconda, Mont. Hanger. 2,193,718; Mar. 12.

Flocks, Karl W., et al. (See Dolgoff, Marion H., assignor.)

Flogaus, Howard A., Lansing, Mich., assignor to Reo Motor Car Company. Motor vehicle. 2,185,842; Jan. 2.

Flogaus, Howard A., assignor to Reo Motor Car Company, Lansing, Mich. Motor vehicle. 2,191,526; Feb. 27.

Flogaus, Howard A., assignor, by mesne assignments, to Reo Motors, Inc., Lansing, Mich. Vehicle heater. 2,208,669; July 23.

Flogaus, Howard A., Pleasant Ridge, and H. E. Fox, Pontiac, assignors to General Motors Corporation, Detroit, Mich. Automatic transmission and control. 2,193,317; Mar. 12.

Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Pin ticket. 2,199,968; May 7.

Flood, Joseph V., Southbridge, Mass. Container. 2,226,340; Dec. 24.

Flood, Leslie W., and E. B. Hagar, Chicago, Ill. Vacuum molding. 2,186,331; Jan. 9.

Flood, Thomas A., Los Angeles, Calif. Corelator for blood specimens. 2,215,118; Sept. 17.

Flood, William E. (See Thompson, W. R., and Flood.)

Flora, James L. (See De Boer, R. F., Gillisse, and Flora.)

Floraday, Burton S., Toledo, Ohio, assignor to Detroit Harvester Company, Detroit, Mich. Door handle mounting. 2,185,295; Jan. 2.

Florence Pipe Foundry & Machine Company. (See Billings, H. J., Buron, and Petty, assignors.)

Florence Pipe Foundry & Machine Company. (See Camerota, Louis A., assignor.)

Florence Stove Co. (See Berry, H. O., and Kappler, assignors.)

Florence Stove Company. (See Reeves, Herbert M., assignor.)

Flores, Raymond M., assignor of one-half to H. E. Ellis, Mineral Wells, Tex. Apparatus for making tiles from clay products. 2,200,270; May 14.

Florian, Otto, Stuttgart, Germany, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Variable orbital drive gear for dough rounders or the like. 2,188,501; Jan. 30.

Floridin Company. (See Fitz Simons, Ogden, assignor.)

Florin, Philip, New York, N. Y. Wallet. 2,187,375; Jan. 16.

Florio, Louis, New York, N. Y. Margin stencil for polishing fingernails. 2,220,758; Nov. 5.

Florman, Irving, New York, N. Y. Cigarette pack closure. 2,222,743; Nov. 26.

Florman, Irving, New York, N. Y. Cigarette lighter. 2,203,681; June 11.

Florman, Irving, New York, N. Y. Cigarette lighter. 2,224,258; Dec. 10.

Florman, Irving, New York, N. Y. Toilet device. 2,224,259; Dec. 10.

Florman, Irving, New York, N. Y. Lighter. 2,224,341; Dec. 10.

Florman, Irving, New York, N. Y. Electric dry shaver. 2,227,339; Dec. 31.

Floro, Martiniano, Manila, P. I. Fountain pen. 2,223,487; Dec. 3.

Florsheim, Francis F. (See Gordon H. R., and Florsheim.)

Florsheim, Harold M. (See White, J. J., and Florsheim.)

Florsheim Shoe Company. (See White, J. J., and Florsheim, assignors.)

Flory, Leslie E. (See Morton, G. A., and Flory.)

Flory, Leslie E., Oaklyn, N. J., assignor to Radio Corporation of America. Photoelectric cathode. 2,189,322; Feb. 6.

Flory, Ray E., Eaton, Ohio. Board game. 2,215,352; Sept. 17.

Flosdorf, Earl W., Ardmore, Pa. Apparatus for the concentration and preservation of food products and biological substances. 2,215,265; Sept. 17.

Flosdorf, Earl W., Ardmore, assignor to The Trustees of the University of Pennsylvania, Philadelphia, Pa. Apparatus for the treatment of biologically active products. 2,199,815; May 7.
Flosdorf, Earl W., Ardmore, assignor to The Trustees of the University of Pennsylvania, Philadelphia, Pa. Preservation of biologically active substances. 2,199,816; May 7.
Flosdorf, Earl W., Ardmore, assignor to The Trustees of the University of Pennsylvania, Philadelphia, Pa. Preservation of biologically active substances. 2,199,817; May 7.
Flosdorf, Earl W., Ardmore, Pa., assignor to F. J. Stokes Machine Company. Concentration and preservation of food products and biological substances. 2,225,627; Dec. 24.
Flosdorf, Earl W., Ardmore, assignor to The Trustees of the Unniversity of Pennsylvania, Philadelphia, Pa. Treatment of biologically active products. 2,225,774; Dec. 24.
Floss, Carl W., assignor to Robbins Engineering Company, Detroit, Mich. Magnetic work holder. 2,217,048; Oct. 8.
Floten, Donald W., assignor to Chicago Roller Skate Company, Chicago, Ill. Fuse. 2,198,663; Apr. 30.
Flour City Ornamental Iron Company, The. (See Grady, G. M., and Ruberg, assignors.)
Flournoy, Addison H., Washington, D. C. Rotating tooth brush. 2,189,891; Feb. 13.
Flournoy, Algernon F., Monroe, La. One-hand paddle. 2,188,343; Jan. 30.
Flower, Cyril H. C., Melbourne, Victoria, Australia. Instrument for use in the practice of iridiagnoscopy. 2,218,086; Oct. 15.
Flower, George, Sparrows Point, Md. Fastener. 2,217,249; Oct. 8.
Flower, Harry B., Bayville, N. Y. Method and apparatus for shellfish dredging. 2,204,584; June 18.
Flower City Specialty Company. (See Nagle, Reginald A., assignor.)
Flowers, Ernest A., Jr., et al. (See Swope, John W., assignor.)
Flowers, Henry F., Findlay, Ohio. Dump vehicle. 2,200,271;
Floyd, Francis M., assignor to F. M. Kannenstine, Houston, Tex. Seismic surveying. 2,207,398; July 9.
Floyd, Frank B., Wheatridge, Colo. Screen wire stretching device. 2,216,880; Oct. 8.
Floyd, Frederick K., Scotia, N. Y., assignor to General Electric Company. Electric measuring apparatus. 2,217,220; Oct. 8.
Floyd, Henry G., assignor to McWane Cast Iron Pipe Co., Birmingham, Ala. Horizontal core machine. 2,205,035; June 18.
Floyd, Leland H., Woodbridge, assignor of one-half to C. M. Hunsberger, Spring Lake Heights, N. J. Beer cooling keg. 2,193,318; Mar. 12.
Flückiger, André, Saint-Imier, Switzerland. Manufacturing watch dials with numerals in relief and having chamfered edges. 2,224,043; Dec. 3.
Flude, John W., San Antonio, Tex., assignor, by mesne assignments, to The Hercules Powder Company, Wilmington, Del. Casing for boreholes. 2,224,565; Dec. 10.
Fluellen, Robert L., Houston, Tex. Slip. 2,208,926; July 23.
Fluhr, Philip H., Hollywood, Fla. Planking clamp. 2,221,397; Nov. 12.
Fluidpoise Manufacturing Company, The. (See Parenti, Joseph S., assignor.)
Fluke, David, et al. (See Zide, Samuel, assignor.)
Fluker, Robert H. See Carr, A. B., and Fluker.)
Fluor Corporation, The. (See Meyer, G. W., and Fluor, assignors.)
Fluor, Peter E. (See Meyer, G. W., and Fluor.)
Flury, William J., et al. (See Brandel, Lewis P., assignor.)
Flutsch, Robert H., and S. L. Marton, Menard, Tex. Float valve. 2,197,686; Apr. 16.
Fluvario, Limited. (See Guinness, Edward E., assignor.)
Fly, Paul C., Ventura, Calif. Line adjuster. 2,220,366; Nov. 5.
Fly Fish Kit Company. (See Schumann, William H., assignor.)
Flygare, Carl G. (See Garside, J. I., and Flygare.)
Flygare, Carl G., assignor to Norton Company, Worcester, Mass. Indexing attachment for grinding machines. 2,185,546; Jan. 2.
Flygare, Carl G., assignor to Norton Company, Worcester, Mass. Grinding machine. 2,201,954; May 21.
Flygare, Carl G., assignor to Norton Company, Worcester, Mass. Hydraulically operated grinding machine. 2,217,618; Oct. 8.
Flygare, Carl G., and C. C. Alvord, assignors to Norton Company, Worcester, Mass. Grinding wheel truing apparatus. 2,194,422; Mar. 19.
Flynn, Benjamin H., Alexandria, La. Tamping and/or mixing machine. 2,196,205; Apr. 9.
Flynn, Benjamin H., Alexandria, La. Road constructing and/or reconditioning machine. 2,211,262; Aug. 13.
Flynn, Benjamin H., Alexandria, La. Road making machine. 2,211,263; Aug. 13.
Flynn, Benjamin H., Alexandria, La. Tamping and/or mixing machine. 2,219,986; Oct. 29.
Flynn, Charles F., Harrison, N. Y. Indoor storm window and sunray member. 2,205,353; June 18.
Flynn & Emrich Company. (See Turner, J. F., and Breidenbaugh, assignors.)
Flynn, Edward D., Oakland, Calif., and F. E. Kurz, Glen Ellyn, Ill., assignors to Oliver United Filters Incorporated, San Francisco, Calif. Apparatus for filtration. 2,220,324; Nov. 5.
Flynn, John A., New York, N. Y. Electric storage battery. 2,210,450; Aug. 6.
Flynn, Joseph T., et al. (See Beers, George H., Sr., assignor.)
Flynn, Oscar R., East Orange, and F. S. Richardson, Rutherford, assignors to Waldrich Company, Delawanna, N. J. Photographically dye-printed fabrics and making same. 2,214,365; Sept. 10.
Flynn, Owen E., Los Angeles, Calif. Bandage. 2,196,296; Apr. 9.
Flynn, Perry F., et al. (See Beers, George H., Sr., assignor.)
Flynn, Theodore P., and R. E. Neils, Portland, Oreg., dedicated to the free use of the People of the United States of America. Snow tractor. 2,196,458; Apr. 9.
Flynn, Theodore P., and R. E. Neils, Portland, Oreg., dedicated to the free use of the Public in the Territory of the United States of America. Cable lift bulldozer. 2,200,447; May 14.
Flynn, Theodore P., and R. E. Neils, Portland, Oreg., dedicated to the free use of the People of the United States of America. Convertible brush buster-bulldozer moldboard. 2,219,159; Oct. 22.
Flynt, Louis W. G., East Orange, assignor to Breeze Corporation, Inc., Newark, N. J. Making spark plugs. 2,225,105; Dec. 17.
Foard, Robert F., Los Angeles, Calif. Screen printing apparatus. 2,206,176; July 2.
Focht, Nevin S., East Cleveland, Ohio. Stabilizing means for vehicle bodies. 2,208,969; July 23.
Focke, Henrich, Bremen, Germany. Rotating wing aircraft. 2,209,879; July 30.
Focke, Henrich, Bremen, Germany. Rotor for rotating-wing aircraft. 2,217,106; Oct. 8.
Focke, Henrich, Bremen, Germany. Rotor device for rotating-wing aircraft. 2,217,107; Oct. 8.
Focke, Henrich, Bremen, Germany. Rotating-wing aircraft. 2,217,108; Oct. 8.
Focke, Heinrich, Bremen, Germany. Control means for rotating wing aircraft. 2,225,002; Dec. 17.
Fockler, Theodore C. (See Harding, W. R., and Fockler.)
Fockler, Theodore C., Wilkinsburg, and A. Martens, Murrysville, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Brush holder. 2,186,240; Jan. 9.
Fodor, Joseph, London, England. Electric discharge device. 2,207,217; July 9.
Foerste, William, Pelham Manor, N. Y., assignor to Monarch Neon Sign Co., Newark, N. J. Circuit make and break device. 2,218,879; Oct. 22.
Foerster, Charles V. (See Cape, A. T., and Foerster.)
Fog, Ivar K. (See Anderson, C. G. H., and Fog.)
Fogarty, Lillian C., Glen Cove, N. Y. Cord attachment. 2,198,664; Apr. 30.
Fogg, Jesse W., Barrington, Ill., and F. H. Fruhling, Little Falls, N. Y., assignors to Cherry-Burrell Corporation, Chicago, Ill. Milk bottle washer. 2,196,389; Apr. 9.
Fogg, Robert E., Lynn, Mass. Machine for flocking. 2,187,617; Jan. 16.
Fogle, Arnold B., Shelbyville, Ind. Storage battery box clamp. 2,216,663; Oct. 1.
Fogle, Pearl L., Dayton, Ohio. Grade line finder. 2,190,779; Feb. 20.
Fogler, Ben B. (See Stevenson, E. P., and Fogler.)
Fogler, Ben B., Belmont, and H. E. Grier, assignors to A. D. Little, Incorporated, Cambridge, Mass. Analyzing motion. 2,223,849; Dec. 3.
Fogwell, Harrison H., assignor to Thermador Electrical Mfg. Co., Los Angeles, Calif. Electric water heater unit. 2,213,464; Sept. 3.
Fogwell, Herschel J. (See Branstrator, Clem G., assignor.)
Folberth, Frederick G. and W. M., Cleveland, Ohio. Windshield wiper arm. 2,202,311; May 28.
Folberth, Frederick G. and W. M., Cleveland, Ohio. Automotive vehicle control mechanism. 2,204,672; June 18.
Folberth, William M. (See Folberth, Frederick G. and W. M.)
Folda, Bert, Jr., Los Angeles, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Stabilized zinc dust lubricant. 2,211,373; Aug. 13.
Fol-Gaf Limited. (See Darling, Louis H.)
Foley, Charles A. (See Brady, Walter W., assignor.)
Foley-Irish Corporation, The. (See Foley, Jerome J., assignor.)
Foley, James R., Manchester, Conn. Skate. 2,203,278; June 4.
Foley, Jerome J., Rockville Centre, N. Y., assignors to The Foley-Irish Corporation. Machine for washing silverware. 2,212,560; Aug. 27.
Foley, John W., Chicago, Ill. Ball or roller bearing. 2,221,512; Nov. 12.
Foley, John W., Chicago, Ill. Ball or roller bearing. 2,221,513; Nov. 12.
Foley, John W., Chicago, Ill. Roller bearing. 2,221,514; Nov. 12.

Foley, L. T., et al. (See Leopold, Henry, assignor.)
Foley, Theodore L., Red Bluff, Calif. Trailer hitch and brake. 2,198,159; Apr. 23.
Folgmann, August, Falkensee, Kreis Ost-Havelland, Germany, assignor to Westinghouse Electric & Manufacturing Company. Governing apparatus. 2,217,268; Oct. 8.
Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine mechanism. 2,196,725; Apr. 9.
Folkers, Karl, Plainfield, assignor to Merck & Co. Inc., Rahway, N. J. Hydrogenated di-naphthyl ether resins and preparing the same. 2,224,865; Dec. 17.
Folkers, Karl, Plainfield, assignor to Merck & Co., Rahway, N. J. Alkaloid of species of erythrina and production. 2,226,528; Dec. 24.
Folland, Donald. (See Potapenko, G., and Folland.)
Follen, James H., Spring Lake, Mich., assignor to Gem Hammock & Fly Net Company, Milwaukee, Wis. Mop. 2,214,691; Sept. 10.
Follender, Otto. (See Kriss, Rose, assignor.)
Follman, Ervin R. and G., Bridgewater, Iowa. Swivel adapter for hay carriers. 2,186,783; Jan. 9.
Follman, Gus. (See Follman, Ervin R. and G.)
Folmer Graflex Corporation, The. (See Hendrickson, Henry M., assignor.)
Folmer Graflex Corporation. (See Hineline, Edson S., assignor.)
Folmer Graflex Corporation, The. (See Steiner, Oscar, assignor.)
Folmsbee, Clyde H., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Tank cradle. 2,226,713; Dec. 31.
Folsom, Edgar R. (See Poole, N. L., and Folsom.)
Folsom, Elwood E., Trumbull, Conn., assignor to General Electric Company. Plug cap. 2,192,737; Mar. 5.
Folsom, Elwood E., Trumbull, Conn., assignor to General Electric Company. Connector plug. 2,204,408; June 11.
Folsom, Robert H., Los Angeles, Calif. Air conditioning plant. 2,188,811; Jan. 30.
Folsom, Robert L., Haverhill, Mass. Window fastener. 2,196,726; Apr. 9.
Folsom, Rolfe A., Burlingame, assignor to W. R. Ames Company, San Francisco, Calif. Pipe coupling. 2,221,284; Nov. 12.
Folwell, John H., assignor to Eastman Kodak Company, Rochester, N. Y. Silver recovery using an alkali hydroxide. 2,196,764; Apr. 9.
Folzenlogen, Robert G. (See Eckey, E. W., and Folzenlogen.)
Fomeen, Basil N., New York, N. Y. Musical instrument. 2,222,223; Nov. 19.
Fomenko, Sergei M., Palo Alto, Calif. Automatic line justification means. 2,215,119; Sept. 17.
Fones, Frank, assignor to Whiting Corporation, Harvey, Ill. Drop pit apparatus. 2,191,710; Feb. 27.
Fonken, Martin E., Beloit, Wis., assignor of one-half to L. E. Caster, Rockford, Ill. Apparatus for twisting dough. 2,188,536; Jan. 30.
Fonken, Martin E., assignor to Fish Oven & Equipment Company, Beloit, Wis. Apparatus for making cinnamon rolls and the like. 2,217,896; Oct. 15.
Fonseca, Edward L., deceased, by R. V. Fonseca, executrix, assignor to The Wilcolator Company, Newark, N. J. Snap switch. 2,218,908; Oct. 22.
Fonseca, Ruth V., executrix. (See Fonseca, Edward L.)
Fontaine, Robert A., Martinsville, Va. Grab fork. 2,211,499; Aug. 13.
Fontaine, Robert A., Martinsville, Va. Brick stack grab. 2,213,629; Sept. 3.
Fontaine, Robert A., Martinsville, Va. Coupling for trucks and trailers. 2,219,415; Oct. 29.
Fontana, Marsello G., Lancaster Village, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition of matter. 2,214,128; Sept. 10.
Fontanesi, Americo, Wierton, W. Va. Motor vehicle stabilizing device. 2,193,688; Mar. 12.
Food Devices Incorporated. (See Snelling, Henry B. W., assignor.)
Food Display Cover Company. (See Rouse, Arthur E., assignor.)
Food Machinery Corporation. (See Bauer, Edward G., assignor.)
Food Machinery Corporation. (See Coons, Burton C., assignor.)
Food Machinery Corporation. (See Hait, James M., assignor.)
Food Machinery Corporation. (See Holmes, Herbert G., assignor.)
Food Machinery Corporation. (See Jones, Lloyd E., assignor.)
Food Machinery Corporation. (See Magnuson, Roy M., assignor.)
Food Machinery Corporation. (See Marsden, George P., assignor.)
Food Machinery Corporation. (See McFee, Max, assignor.)
Food Machinery Corporation. (See Sharma, Jagan N., assignor.)
Food Machinery Corporation. (See Stebler, Fred, assignor.)
Food Machinery Corporation. (See Thompson, Albert R., assignor.)
Food Machinery Corporation. (See Twomley, Herbert E., assignor.)
Foord, Stanley G., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Stabilization of styrene. 2,225,471; Dec. 17.
Foord, Stanley G., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Stabilization of styrene. 2,226,714; Dec. 31.
Foot Balance, Inc. (See Downing, Carter H., assignor.)
Foote Bros. Gear and Machine Corporation. (See Markoe, James, assignor.)
Foote, Thomas W., Cleveland, Ohio. Rubber scuff plate. 2,193,719; Mar. 12.
Forbes, Frank T., Roanoke, Va. Washer sizer. 2,198,609; Apr. 30.
Forbes, Henry C. (See Cutting, F., Forbes, and Tittle.)
Forbes, Henry C., assignor to Colonial Radio Corporation, Buffalo, N. Y. Electrical sound reproducing system. 2,186,103; Jan. 9.
Forbes, James B., Oak Park, assignor to J. L. Wright, Inc., Chicago, Ill. Toy molding apparatus. 2,218,260; Oct. 15.
Forbes, Lewis J.-B., St. Helens, England, assignor to The American Securit Company, Wilmington, Del. Heating plates of glass for tempering. 2,198,622; Apr. 30.
Forbes Lithograph Manufacturing Company. (See Little, John W., assignor.)
Forbes, William C. (See Neville, H. A., and Forbes.)
Force, William A., III. (See Muller, William F., assignor.)
Forcey, George W. (See Abrams, A., Forcey, and Sheldon.)
Ford Amusement Devices, Inc. (See Squire, Nathen E., assignor.)
Ford, Ben K., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling strands. 2,222,286; Nov. 19.
Ford, Ben K., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling strands. 2,222,287; Nov. 19.
Ford, Ben K., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Cover forming apparatus. 2,222,288; Nov. 19.
Ford, Ben K., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for assembling strands. 2,223,954; Dec. 3.
Ford, Benjamin, F., assignor to Electric Traps, Inc., Los Angeles, Calif. Exterminating apparatus. 2,191,229; Feb. 20.
Ford, Charles A., assignor to Charles A. Ford Co., Inc., Newark, N. J. Typewriter table. 2,206,004; June 25.
Ford, Charles A., Co. (See Ford, Charles A., assignor.)
Ford, David O., assignor to J. M. Hanson, Colonial Heights, Va. Holder for looped match books. 2,212,498; Aug. 27.
Ford, Eugene A., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Perforated record sensing device. 2,203,013; June 4.
Ford, Frank R., Small Heath, Birmingham, England. Duplicating machine. 2,197,036; Apr. 16.
Ford, Frank R., Sparkbrook, Birmingham, assignor to Frank R. Ford Limited, Birmingham, England. Manifolding machine. 2,221,634; Nov. 12.
Ford, Frank R., Limited. (See Ford, Frank R., assignor.)
Ford, George E. (See Hastings, H., and Ford.)
Ford, Harold P., Seattle, Wash. Construction surfacing system. 2,191,461; Feb. 27.
Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Tractor power unit. 2,211,413; Aug. 13.
Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Motor vehicle. 2,214,456; Sept. 10.
Ford, Henry, and R. A. Boyer, assignors to Ford Motor Company, Dearborn, Mich. Soy bean crusher. 2,186,066; Jan. 9.
Ford, Henry, Hospital. (See Hartman, Frank W., assignor.)
Ford Instrument Company. (See Crooke, Raymond E., assignor.)
Ford Instrument Company. (See Newell, William H., assignor.)
Ford Instrument Company. (See Ross, Elliott P., assignor.)
Ford Instrument Company. (See Steward, John L., assignor.)
Ford Instrument Company. (See Tear, James D., assignor.)
Ford, J. B., Company, The. (See Sodeberg, Paul W., assignor.)
Ford, James G., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bushing. 2,189,632; Feb. 6.
Ford, James G., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Spacer for transformer coils. 2,201,005; May 14.
Ford, John L., assignor to The Ford Meter Box Company, Wabash, Ind. Registering mechanism. 2,191,140; Feb. 20.
Ford, Keith, Long Beach, assignor of two-thirds to E. B. Hall, Los Angeles, and A. L. Armentrout, Long Beach, and one-third to V. P. Baker, Los Angeles, Calif. Liner hanger. 2,201,433; May 21.
Ford Meter Box Company, The. (See Ford, John L., assignor.)
Ford Motor Company. (See Crawford, John, assignor.)
Ford Motor Company. (See Ford, Henry, assignor.)

Ford Motor Company. (See Ford, H., and Boyer, assignors.)
Ford Motor Company. (See Groven, Frederick J., assignor.)
Ford Motor Company. (See Hanson, Harry B., assignor.)
Ford Motor Company. (See Johansson, John O. E., assignor.)
Ford Motor Company. (See McCarroll, R. H., Reams, and Powers, assignors.)
Ford Motor Company. (See Olsen, Niels H. F., assignor.)
Ford Motor Company. (See Sheldrick, Laurence S., assignor.)
Ford Motor Company. (See Wharam, John J., assignor.)
Ford, William H., Williamsville, N. Y. Propeller finishing machine. 2,211,562; Aug. 13.
Ford, William R., and W. Dewhirst, assignors to Haskell-Dawes Machine Company, Inc., Philadelphia, Pa. Sizing die for twisters. 2,222,505; Nov. 19.
Fordham University. (See Assmuth, J., and Mullen, assignors.)
Fordon, William J., New York, assignor to R. Gringer, Bronx, N. Y. Pipe clamp. 2,222,289; Nov. 19. Nov. 19.
Fordyce, Charles R., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resins and the preparation thereof. 2,188,344; Jan. 30.
Fordyce, Charles R., assignor to Eastman Kodak Company, Rochester, N. Y. Vinyl acetal resin photographic coating. 2,211,323; Aug. 13.
Fordyce, Rufus G., Chicago, Ill., assignor to Luminous Processes, Inc., New York, N .Y. Self-luminous keyhole locator. 2,188,264; Jan. 23.
Fordyce, Rufus G., Glencoe, Ill., assignor to Luminous Processes, Inc., New York, N. Y. Self-luminous locator. 2,221,375; Nov. 12.
Fore, Jesse B., Graham, Tex. File holder. 2,193,400; Mar. 12.
Forecast, Cecil A. (See Henderson, A. J., Forecast, and Coates.)
Forehand, Thomas H., Nashville, Tenn. Automobile wheel jack. 2,205,719; June 25.
Foreman, John C., Grand Island, and L. J. Overman, Omaha, Nebr. Railway tie bed shaping machine. 2,207,854; July 16.
Foreman, John F. (See Hammond, John V., assignor.)
Foret, Edmund, assignor to Cartier, Inc., New York, N. Y. Article of jewelry. 2,220,442; Nov. 5.
Foretich, Julius C., et al. (See Combs, Chester A., assignor.)
Forgaard, Harcourt L., Birmingham, England. Household article. 2,196,450; Apr. 9.
Forges de Strasbourg (Societe Anonyme). (See Fould, Maurice, assignor.)
Forgrove Machinery Company Limited, The. (See Gregory, H. E., and Turner, assignors, and Henkel and Thürlings.)
Forman, George J., Montville, Conn. Paper making machine. 2,185,913; Jan. 2.
Forman, Loren V., assignor of one-half to The Munising Paper Company, Munising, Mich. Removal of dirt from pulp. 2,207,218; July 9.
Formhals, Anton, assignor of forty-five one hundredths to R. Schreiber-Gastell, Mainz, Germany. Artificial thread and producing same. 2,187,306; Jan. 16.
Formrite Bacon Press Corporation. (See Pierson, Benjamin J., assignor.)
Formway, William E. (See Gruenberg, R. J., and Formway.)
Forney, William E., Merchantville, assignor to Power Patents Company, Hillside, N. J. Catalytic conversion of hydrocarbons. 2,216,470; Oct. 1.
Foron, Alphonse D., Centralia, Wash. Colostomy appliance. 2,221,321; Nov. 12.
Forrest, Frank R., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Waste paper stock pump. 2,202,790; May 28.
Forrest, Henry O. (See Livingston, M. J., Forrest, and Keith.)
Forrest, John W., Brighton, and H. W. Straat, Irondequoit, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Color comparator. 2,221,916; Nov. 19.
Forrest, Mark L., Portland, Oreg. Chain saw. 2,197,210; Apr. 16.
Forrest, Mark L., Portland, Oreg. Drive sprocket for chain saws. 2,197,211; Apr. 16.
Forrest, William J., Ilford, England. Filtering or straining or like treatment of fluids. 2,204,349; June 11.
Forrester, Jay H. (See Thiele, E. W., and Forrester.)
Forrester, Jesse W., Marshfield, Oreg. Device for hanging trip line corner blocks. 2,204,211; June 11.
Forrester, Jesse W., Marshfield, and J. V. Sheridan, Powers, Oreg. Fluid displacement mechanism. 2,202,520; May 28.
Forrester, Washington E., Baltimore County, Md. Pipe bowl lining filterer. 2,201,526; May 21.
Forsberg, Axel A., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,192,224; Mar. 5.
Forsberg, Axel A., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Extensible vacuum cleaner conduit. 2,196,459; Apr. 9.
Forsberg, Axel A., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,203,650; June 4.
Forsberg, Axel A., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Hose coupling. 2,220,480; Nov. 5.
Forsberg, Erik A., Nockeby, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Pulsator of bellows type. 2,219,952; Oct. 29.
Forsblade, Albin, Pasadena, Calif. Holder for sandpaper and the like. 2,189,980; Feb. 13.
Forschner, Conrad. (See Risien, G. W., and Forschner.)
Forse, Harry D., Anderson, Ind. Starching machine. 2,219,920; Oct. 29.
Forse, William H. (See Howser, Walter M., assignor.)
Forshee, James K., E. S. Humphreys, and E. J. Hasney, assignors to H. G. Bentson, Aurora, Ill. Therapeutic method and apparatus. 2,223,669; Dec. 3.
Forsling, Bengt E. G. (See Graham, D. H., Tabberer, and Forsling.)
Forsling, Oscar E., Kimball, Nebr. Full view rifle front sight. 2,204,483; June 11.
Forsman, Fred, assignor to Teletype Corporation, Chicago, Ill. Spring contact. 2,187,023; Jan. 16.
Forss, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Tool retainer. 2,201,485; May 21.
Forss, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Electric drill. 2,212,342; Aug. 20.
Forster, Ernest. (See Sellinger, C., and Forster.)
Forster, Guy E., Cincinnati, Ohio. Artificial leg connection. 2,194,116; Mar. 19.
Forster, H. J., trustee. (See Cooper, L. H., and Nightingale, assignors.)
Forster, H. J., trustee. (See Nightingale, William J., assignor.)
Forster, Harry L., Buffalo, N. Y. Electrically operated razor. 2,224,342; Dec. 10.
Forster, James T., et al. (See Lampkin, Elbert H., assignor.)
Forster Manufacturing Co. (See Forster, Percy M., assignor.)
Forster Manufacturing Corporation. (See Engstrom, Birger, assignor.)
Forster, Percy M., Berkeley, Calif. Burner head. 2,215,176; Sept. 17.
Forster, Percy M., assignor to Forster Manufacturing Co., Ltd., Berkeley, Calif. Expansible field stove. 2,211,924; Aug. 20.
Forster, Thomas E., Jr., Wichita, Kans. Apparatus for vapor-conditioning wheat. 2,205,814; June 25.
Forster, Werner, assignor to Maag-Zahnräder und-Maschinen A. G., Zurich, Switzerland. Machine for producing gears. 2,222,708; Nov. 26.
Forsthoefel, Gregg F., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerator cabinet construction. 2,205,778; June 25.
Forsthoefel, Gregg F., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerator cabinet construction. 2,205,779; June 25.
Forsthoefel, Gregg F., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cabinet construction. 2,205,780; June 25.
Forstner Chain Corporation. (See Forstner, William, assignor.)
Forstner Chain Corporation. (See Schoeninger, Adolf O., assignor.)
Forstner, William, Irvington, N. J., assignor to Forstner Chain Corporation. Identification ornament. 2,192,883; Mar. 12.
Forstrom, Edward W., Stratford, Conn., assignor to General Electric Company. Tuning system. 2,186,828; Jan. 9.
Forstrom, Edward W., Stratford, Conn., assignor to General Electric Company. Drive mechanism. 2,208,453; July 16.
Forter, Teichmann Company. (See Teichmann, Henry F., assignor.)
Fortescue, Peter. (See Fedden, A. H. R., Copley, and Fortescue.)
Forton, Harold R., Detroit, Mich. Metal spraying apparatus. 2,225,168; Dec. 17.
Fort Orange Chemical Co. (See Popp, Harry E., assignor.)
Fort Orange Paper Company. (See Evans, B., and Metzger, assignors.)
Fortt, Dario G., Los Angeles, Calif. Time control device. 2,197,687; Apr. 16.
Fortune, Harold G., Scarborough, N. Y. Ski attachment. 2,208,214; July 16.
Fortune, J. Ray. (See Zoder, Orren E., assignor.)
Fortune, James C., assignor to Reed Roller Bit Company, Houston, Tex. Back pressure valve. 2,185,173; Jan. 2.
Fortune, James C., assignor to Reed Roller Bit Company, Houston, Tex. Blowout preventer. 2,213,309; Sept. 3.
Fortune, James C., and W. R. Walne, Houston, Tex. Stuffing box and tool joint combination. 2,193,587; Mar. 12.
Fortune, James C., and W. R. Walne, Houston, Tex. Rotary drilling equipment. 2,221,376; Nov. 12.

Fortune, William B., assignor to Eli Lilly and Company, Indianapolis, Ind. Urine acetone test. 2,186,902; Jan. 9.
Fortune, William B., assignor to Eli Lilly and Company, Indianapolis, Ind. Test for amino-benzene compounds in body fluids. 2,208,096; July 16.
Foshee, Mason, Kissimmee, Fla. Wire working tool. 2,195,773; Apr. 2.
Foshie, Edgar, Detroit, Mich. Drill machine control apparatus. 2,190,284; Feb. 13.
Foss, Adam G., Detroit, Mich. Radio station control system. 2,187,851; Jan. 23.
Foss, Benjamin S., Brookline, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Vacuum cleaner. 2,219,810; Oct. 29.
Foss, Ferdinand H. H., Chicago, Ill. Charging machine. 2,206,177; July 2.
Foss, Fred G., Hillside, N. J., assignor to American Can Company, New York, N. Y. Container. 2,186,962; Jan. 16.
Foss, Fred G., Hillside, N. J., assignor to American Can Company, New York, N. Y. Container. 2,196,206; Apr. 9.
Foss, George F. (See Barnes, Howard T., assignor.)
Foss, Wilhelm, Zella-Mehlis, Germany. Air pistol. 2,194,142; Mar. 19.
Fossa, Joseph, Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Speed controlling device. 2,205,622; June 25.
Fossa, Joseph, Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Cutting tool. 2,219,476; Oct. 29.
Fossati, Francis N. (See Gipson, W. W., Fossati, and Long.)
Foster, Benjamin, and C. J. Seydel, assignors to Benjamin Foster Company, Philadelphia, Pa. Sound deadening composition. 2,193,401; Mar. 12.
Foster, Benjamin, Company. (See Foster, B., and Seydel, assignors.)
Foster, Boutwell H., Maplewood, N. J., and K. J. Ruprecht, Barrington, R. I., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Processing rubber thread. 2,211,324; Aug. 13.
Foster Brothers Manufacturing Company. (See Foster, Townsend, assignor.)
Foster, Charles E., et al., trustees. (See Frame, Alfred P., assignor.)
Foster, Charles W., Kansas City, Mo. Ballot. 2,190,019; Feb. 13.
Foster, Dudley E., South Orange, N. J., assignor to Radio Corporation of America. Signal coupling network. 2,189,063; Feb. 6.
Foster, Dudley E., Orange, N. J., assignor to Radio Corporation of America. Receiver tuning control. 2,189,282; Feb. 6.
Foster, Dudley E., South Orange, N. J., assignor to Radio Corporation of America. Superheterodyne receiver. 2,196,259; Apr. 9.
Foster, Dudley E., South Orange, N. J., assignor to Radio Corporation of America. Push-pull audio amplifier circuit. 2,217,269; Oct. 8.
Foster, Dudley E., South Orange, N. J., assignor to Radio Corporation of America. Automatic volume control circuit. 2,221,086; Nov. 12.
Foster, Dudley E., South Orange, N. J., assignor to Radio Corporation of America. Converter automatic gain control. 2,221,087; Nov. 12.
Foster, Edwin E., Austin, Tex. Internal combustion engine. 2,223,100; Nov. 26.
Foster, George H. (See Christmann, L. J., and Foster.)
Foster, George H., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Production of aminotriazines. 2,206,603; July 2.
Foster, Harold B., and J. H. Crowell, Buffalo, assignors to National Aniline & Chemical Company, Inc., New York, N. Y. Manufacture of maleic anhydride. 2,205,402; June 25.
Foster, Harold J., trustee. (See Mussey, William H., assignor.)
Foster, Henry D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Forming films from synthetic linear polymers. 2,212,770; Aug. 27.
Foster, Herbert V., Providence, assignor to Crompton & Knowles Jacquard & Supply Company. Pawtucket, R. I. Mounting for Jacquard cylinders. 2,204,484; June 11.
Foster, Herbert V., Providence, assignor to Crompton & Knowles Jacquard & Supply Company, Pawtucket, R. I. Jacquard for terry looms. 2,206,178; July 2.
Foster, Herbert V., Providence, assignor to Crompton & Knowles Jacquard & Supply Company, Pawtucket, R. I. Control for Jacquard needles. 2,207,093; July 9.
Foster, Herbert V., Providence, assignor to Crompton & Knowles Jacquard & Supply Company, Pawtucket, R. I. Drive for jacquards for terry looms. 2,219,771; Oct. 29.
Foster, Herbert V., Providence, assignor to Crompton & Knowles Jacquard & Supply Company, Pawtucket, R. I. Cylinder motion for double cylinder jacquard. 2,226,240; Dec. 24.
Foster, Hoyt K., Hollis, assignor to S. W. Farber, Inc., Brooklyn, N. Y. Control for electrically heated appliances. 2,217,474; Oct. 8.
Foster, Hugh. (See Coleman, G. C., and Foster.)
Foster, James D., Kansas City, Mo., assignor to W. J. Krebs and E. T. Chester. Pressing system. 2,190,868; Feb. 20.
Foster, James L. (See Cannon, G. E., and Foster.)
Foster, John S., Westmount, Quebec, Canada, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Method and apparatus for measuring spectrograms. 2,195,168; Mar. 26.
Foster, John S., Sr., assignor of one-third to J. W. Rudder, Toxey, Ala. Rupture truss. 2,226,509; Dec. 24.
Foster, John W., Ridgewood, N. J., assignor to Tingue Brown & Co. Printer's blanket. 2,207,999; July 16.
Foster, Levin W. (See Welch, A. U., Jr., and Foster.)
Foster, Norman M., Muncie, assignor to Western Products, Incorporated, Newcastle, Ind. Valve. 2,218,606; Oct. 22.
Foster, Ralph F., and R. S. Poole, assignors to Kellogg Company, Battle Creek, Mich. Filling machine. 2,225,336; Dec. 17.
Foster, Ralph L. (See Stahl, L. W., and Foster.)
Foster, Robert B., assignor to J. B. Smiley, Los Angeles, Calif. Control apparatus for radio receiving sets. Re. 21,463; May 28.
Foster, Robert B., assignor to J. B. Smiley, Los Angeles, Calif. Time control switch mechanism. 2,186,964; Jan. 16.
Foster, Robert B., Los Angeles, Calif., assignor to J. B. Smiley, New York, N. Y. Radio starting and control switch circuit. 2,209,084; July 23.
Foster, Robert B., Los Angeles, Calif., assignor to J. B. Smiley, New York, N. Y. Volume control apparatus for radio receivers. 2,219,302; Oct. 29.
Foster, Roy W., Red Bank, Tenn. Door operating mechanism. 2,194,650; Mar. 26.
Foster, Townsend, New Hartford, N. Y. Mattress and manufacturing the same. 2,215,784; Sept. 24.
Foster, Townsend, New Hartford, assignor to Foster Brothers Manufacturing Company, Utica, N. Y. Couch bed. 2,189,946; Feb. 13.
Foster, Warren D. (See Oswald, C. L., and Foster.)
Foster, Warren D., Ridgewood, N. J. Film magazine and apparatus for use therewith. 2,206,032; July 2.
Foster, Warren D., Washington Township, Bergen County, assignor to Kinatome Patents Corporation, Ridgewood, N. J. Magazine and film handling apparatus. 2,216,909; Oct. 8.
Foster, Warren D., Washington Township, Bergen County, assignor to Kinatome Patents Corporation, Ridgewood, N. J. Apparatus for feeding material. 2,220,997; Nov. 12.
Foster, Warren D., Washington township, Bergen County, N. J., and E. L. Parmelee, deceased, late of Pittsburgh, Pa., Peoples-Pittsburgh Trust Company, executor, Pittsburgh, Pa., assignors to Kinatome Patents Corporation, Ridgewood, N. J. Light responsive control mechanism. 2,213,212; Sept. 3.
Foster Wheeler Corporation. (See Blizard, John, assignor.)
Foster Wheeler Corporation. (See Dean, Dion K., assignor.)
Foster Wheeler Corporation. (See Denney, Courtlandt F., assignor.)
Foster Wheeler Corporation. (See Frisch, Martin, assignor.)
Foster Wheeler Corporation. (See McClammy, Herbert, Jr., assignor.)
Foster Wheeler Corporation. (See Stedman, Donald F., assignor.)
Foster Wheeler Corporation. (See Wexler, Meyer, assignor.)
Foster, William M., and T. W. Drury, assignors to H. A. Douglas Mfg. Co., Bronson, Mich. Electric switch. 2,226,850; Dec. 31.
Fothergill, Robert E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical composition. 2,218,146; Oct. 15.
Fotheringham, John R. (See Cook, Daniel F., assignor.)
Föttinger, Hermann, Berlin-Charlottenburg, Germany. Power transmission device. 2,226,760; Dec. 31.
Fouch, James R., Inglewood, Calif. Phonograph recorder. 2,198,080; Apr. 23.
Fougera, Edmond M., assignor to The Emfo Corporation, New York, N. Y. Liquid container. 2,222,290; Nov. 19.
Fouke, George W., assignor to D. Hughes, St. Louis, Mo. Device for cleaning surfaces. 2,220,401; Nov. 5.
Fould, Maurice, assignor to Forges de Strasbourg (Societe Anonyme), Paris, France. Construction of composite walls. 2,218,675; Oct. 22.
Foulds, Andrew K., Grosse Pointe Park, assignor to Detroit Lubricator Company, Detroit, Mich. Liquid level control means. 2,189,662; Feb. 6.
Foulds, William C., et al. (See Kuzmann, Alexander J., assignor.)
Foulke, Ted E., Nutley, N. J., assignor, by mesne assignments, to General Electric Company. Luminescent material and producing the same. 2,203,682; June 11.
Foulke, Ted E., Nutley, N. J., assignor, by mesne assignments, to General Electric Company. Luminescent compound and making the same. 2,205,815; June 25.
Foulke, Willing B. (See Alexander, H. L., and Foulke.)

Foulke, Willing B., Media, Pa., assignor, by mesne assignments, to Delaware Chemical Engineering and Development Company, Wilmington, Del. Classification system. 2,202,418; May 28.
Foulke, Willing B., Media, Pa., and O. H. Greager, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Classifying minerals. 2,208,758; July 23.
Foulke, Willing B., Media, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Classification system. 2,221,538; Nov. 12.
Found, Clifton G., Schenectady, N. Y., assignor to General Electric Company. Vapor lamp and method of operation. 2,194,300; Mar. 19.
Foundaminsky, Israel J. (See Loevenstein, Hirsch, assignor.)
Fournaux, Walthère, Waterloo, Belgium. Preselector device for change speed gears. 2,190,062; Feb. 13.
Fourness, Charles A., Appleton, and K. J. Harwood, assignors to Paper Patents Company, Neenah, Wis. Cellulosic product. 2,194,301; Mar. 19.
Fourness, Charles A., Appleton, and K. J. Harwood, Neenah, Wis., assignors to International Cellucotton Products Company, Chicago, Ill. Tissue packet. 2,195,622; Apr. 2.
Foute, Albert J., Chicago, Ill. Bayonet type lamp socket. 2,190,403; Feb. 13.
Foute, Albert J., Chicago, Ill. Pilot light assembly. 2,192,345; Mar. 5.
Foute, Albert J., assignor to Drake Manufacturing Co., Chicago, Ill. Pilot light assembly. 2,220,515; Nov. 5.
Foute, Albert J., assignor to Drake Manufacturing Co., Chicago, Ill. Pilot light assembly. 2,220,516; Nov. 5.
Foweraker, Thomas S., assignor to E. S. & A. Robinson, Limited, Bristol, England. Automatic sheet feeding apparatus. 2,204,985; June 18.
Fowle, Frank F., Winnetka, Ill., assignor to Indiana Steel & Wire Company, Muncie, Ind. Overhead line-conductor tap. 2,216,705; Oct. 1.
Fowler, Albert A., North Hollywood, and R. M. Otis, Pasadena, Calif. Making lightweight glasslike material. 2,209,678; July 30.
Fowler, Albert A., North Hollywood, and R. M. Otis, Pasadena, Calif. Manufacturing molded bodies. 2,209,679; July 30.
Fowler, Alfred C. (See Clark, H. A., Miller, Fowler, Anderson, and Brenner.)
Fowler, Bert F., South Bend, Ind. Sanding machine. 2,199,069; Apr. 30.
Fowler, Chester L., Oakland, Calif. Vehicle transporting car. 2,190,708; Feb. 20.
Fowler, Fred D., Newton, assignor to Hood Rubber Company, Inc., Watertown, Mass. Compacting articles. 2,187,024; Jan. 16.
Fowler, Gilbert, Bayonne, N. J. Pearl edge attachment for sewing machines. 2,196,962; Apr. 9.
Fowler, Harry R., Toledo, Ohio. Electric current converter. 2,220,897; Nov. 12.
Fowler, Herman J., Chicago, Ill. Animated slide projector. 2,214,050; Sept. 10.
Fowler, John, Long Beach, Calif. Dog toy. 2,185,547; Jan. 2.
Fowler, John, & Co. (Leeds) Limited. (See Sanders, Arthur F., assignor.)
Fowler, Leonard E., Detroit, Mich. Internal combustion engine. 2,218,332; Oct. 15.
Fowler, Owen H., Detroit, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Brake tester. 2,190,833; Feb. 20.
Fowler, Owen H., Detroit, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Brake tester. 2,203,136; June 4.
Fowler, Owen H., assignor to Hydraulic Brake Company, Detroit, Mich. Brake. 2,206,604; July 2.
Fowler, Owen H., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure braking system. 2,211,651; Aug. 13.
Fowler, Robert E. (See Wallis, C. T., and Fowler.)
Fowles, Reginald W. (See Quick, C. G., and Fowles.)
Fox, Alexander P. (See Barks, F. S., Fox, Rotter, and Linders.)
Fox, Alexander P., and V. G. Klein, assignors to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 2,187,684; Jan. 16.
Fox, Alexander P., University City, and V. G. Klein, assignors to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 2,201,163; May 21.
Fox, Ansley H., Pleasantville, N. J., assignor to Inventions Holding Corporation, Philadelphia, Pa. Machine for attaching ignition bands to cigarettes. 2,200,420; May 14.
Fox, Arthur L. (See Calcott, W. S., and Fox.)
Fox, Arthur L. (See Chambers, I. F., and Fox.)
Fox, Arthur L., Upper Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Supporting aerial cable. 2,209,518; July 30.
Fox, Arthur L., Woodstown, N. J., C. O. Henke and W. H. Lockwood, Wilmington, Del., and J. M. Tinker, Pennsgrove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Reaction of hydrocarbon compounds with gaseous chlorine and sulphur dioxide. 2,202,791; May 28.
Fox, Charles A., assignor to James R. Kearney Corporation, St. Louis, Mo. Fuse cut-out 2,200,496; May 14.
Fox, Charles A., assignor to James R. Kearney Corporation, St. Louis, Mo. Surge arrester. 2,203,349; June 4.
Fox, Charles A., assignor to James R. Kearney Corporation, St. Louis, Mo. Repeater fuse switch. 2,209,396; July 30.
Fox, Charles A., assignor to James R. Kearney Corporation, St. Louis, Mo. Repeater fuse switch. 2,217,589; Oct. 8.
Fox, Cyril S., Calcutta, assignor to The Laterite Syndicate Limited, Calcutta, Bengal, British India. Producing a cement-forming material. 2,197,688; Apr. 16.
Fox, Frank S., Jr., and G. C. Walsh, assignors to The Foxboro Company, Foxboro, Mass. Circuit element mounting unit for electrical measuring apparatus. 2,201,106; May 14.
Fox, Frederick L., Washington, D. C. Machine for training student pilots in handling airplanes. 2,216,489; Oct. 1.
Fox, Frederick L., Washington, D. C., assignor to Dictaphone Corporation, New York, N. Y. Phonograph. 2,223,723; Dec. 3.
Fox, George E., Chicago, Ill. Bulletin board. 2,195,985; Apr. 2.
Fox, Gerald B. (See Rataiczak, T. F., and Fox.)
Fox, Gordon, assignor to Freyn Engineering Company, Chicago, Ill. Tuyère. 2,200,497; May 14.
Fox, Gordon, assignor to Freyn Engineering Company, Chicago, Ill. Cooling tuyères or the like. 2,215,871; Sept. 24.
Fox, Gordon, A. J. Whitcomb, and O. R. Rice, assignors to Freyn Engineering Company, Chicago, Ill. Blast furnace construction. 2,215,872; Sept. 24.
Fox, Harold D., Pontiac, Mich. Head protector. 2,189,892; Feb. 13.
Fox, Harold E. (See Flogaus, H. A., and Fox.)
Fox, Harold E., assignor to Yellow Truck & Coach Manufacturing Company, Pontiac, Mich. Coach construction. 2,189,139; Feb. 6.
Fox, Harry S., and K. W. Emerson, assignors to Hawaiian Pineapple Company, Limited, Honolulu, Hawaii. Apparatus for sealing cartons. 2,203,900; June 11.
Fox, Hiram W., and H. D. Corwin, Jackson, Mich. Bed and column construction. 2,215,287; Sept. 17.
Fox, Hiram W., and H. D. Corwin, Jackson, Mich. Machine tool construction. 2,218,984; Oct. 22.
Fox, Joseph C., Seattle, Wash. Decoy. 2,201,164; May 21.
Fox, Kent R., St. Louis, and I. Hatfield, Webster Groves, assignors to Monsanto Chemical Company, St. Louis, Mo. Tableted polychlorophenol salts. 2,188,944; Feb. 6.
Fox, Leo J., Keewatin, Minn. Fish lure. 2,205,773; June 25.
Fox, Martin, assignor to The Seng Company, Chicago, Ill. Sofa bed. 2,209,880; July 30.
Fox, Martin, assignor to The Seng Company, Chicago, Ill. Office desk with typewriter attachment. 2,214,526; Sept. 10.
Fox, Otto, Cleveland, Ohio. Pressure regulating automatic cut-off valve for gas lines. 2,226,761; Dec. 31.
Fox, Raymond S., assignor to Niles-Bement-Pond Company, Hartford, Conn. Manually operated thickness gauge. 2,200,880; May 14.
Fox, Richard. (See Thompson, A. R., and Fox.)
Fox, Rudolph H., et al. (See Rust, Edgar H., assignor.)
Fox, Sereck H., Birmingham, Mich., assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Nasal drops. 2,222,976; Nov. 26.
Foxboro Company, The. (See Brown, Cuthbert J., assignor.)
Foxboro Company, The. (See Fox, F. S. Jr., and Walsh, assignors.)
Foxboro Company, The. (See Frymoyer, Webster W., assignor.)
Foxboro Company, The. (See Howe, Wilfred H., assignor.)
Foxboro Company, The. (See Macdonald, Waldron S., assignor.)
Foxboro Company, The. (See Macdonald, W. S., and Frymoyer, assignors.)
Foxboro Company, The. (See Mason, Clesson E., assignor.)
Foxboro Company, The. (See Moore, Frank, assignor.)
Foxboro Company, The. (See Rost, Bhertel C., assignor.)
Foxboro Company, The. (See Young, Claude D., assignor.)
Fox River Paper Corporation. (See Bellack, Richard F., assignor.)
Fox River Tractor Company. (See Saiberlich, Erwin W., assignor.)
Foy, Bernard J., assignor of one-half to L. H. Troshinsky, Washington, D. C. Photographic apparatus. 2,187,709; Jan. 16.
Fracker, Henry E., Pasadena, Calif. Multiunit tube. 2,219,590; Oct. 29.
Fradenburgh, John. (See Kellogg, W. D., and Fradenburgh.)
Fraenckel, Victor H., Schenectady, N. Y., assignor to General Electric Company. Modulation system. 2,200,986; May 14.
Fraenckel, Victor H., Schenectady, N. Y., assignor to General Electric Company. High-frequency apparatus. 2,222,898; Nov. 26.

Fraenckel, Victor H., Schenectady, N. Y., assignor to General Electric Company. Frequency multiplier. 2,222,899; Nov. 26.
Fraenckel, Victor H., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Making composite glass-metal articles. 2,219,573; Oct. 29.
Fraenckel, Victor H., Wyndmoor, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Composite glass-metal article. 2,219,574; Oct. 29.
Fraim, Freeman W. (See Little, R. Fraim, and Tholl
Fram Corporation. (See Wilson, Steven B., assignor.)
Frame, Alfred P., Haddonfield, N. J., assignor to C. E. Foster and E. V. Moncrieff, New York, N. Y., acting as trustees under the name of Oil Specialties Trustees. Liquid mineral oil sulphonates and process of manufacture. 2,205,924; June 25.
Frame, Alfred P., Haddonfield, and W. H. Price, Camden, assignors to Power Patents Company, Hillside, N. J. Converting mineral oils. 2,216,471; Oct. 1.
Frame, William M., Ben Avon, assignor to The National Supply Company, Pittsburgh, Pa. Threaded joint. 2,204,754; June 18.
Frampton, Russell D. (See Tullberg, C. O., and Frampton.)
France Sporting Inc. (See Todrys, Otto, assignor.)
Frances, Joseph E., Oakland, Calif. Fitting. 2,202,312; May 28.
Frances, Joseph E., Oakland, Calif. Combination drain and strainer. 2,225,693; Dec. 24.
Franceway, James A., Jr., deceased; J. A. Franceway, Sr., Madisonville, Ky., administrator, and G. H. B. Davis, Elizabeth, N. J., assignors to Standard Oil Development Company. Lubricating oil. 2,201,767; May 21.
Franceway, James A., Jr., deceased; J. A. Franceway, Sr., Madisonville, Ky., administrator, and G. H. B. Davis, Elizabeth, N. J., assignors to Standard Oil Development Company. Preparing synthetic oils. 2,201,768; May 21.
Franceway, James A., Sr., administrator. (See Franceway, J. A., Jr., and Davis.)
Franchi, Aldo M. (See Chartock, S. M., and Franchi.)
Francis, Alfred W. (See Sachanen, A. N., and Francis.)
Francis, Alfred W., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Hydration of olefines. Re. 21,314; Jan. 9.
Francis, Charles B., Pittsburgh, Pa., and H. J. Wolthorn, Hubbard, and T. S. Woodward, Youngstown, Ohio. Method and apparatus for the chemical analysis of materials by thermal decomposition. 2,224,044; Dec. 3.
Francis, George W., Sr., Mason City, Iowa, assignor of one-half to C. W. Sloan, C. J. McMonagle, G. A. Bower, A. Lewis, B. Gibson, M. Yerrow, G. Witt, E. Raoder, A. Thomas, W. Wilson, L. Sturges, and Johnson and Geer. Register. 2,209,494; July 30.
Francis, Joel B., Collegeville, assignor to Collegeville Flag & Mfg. Co., Collegeville, Pa. Shoe covering. 2,203,429; June 4.
Francis, John C. (See Newman, A. E., and Francis.)
Francis, John G., assignor to Chamberlain, Inc., Chicago, Ill. Strainer fastener for percolators. 2,211,414; Aug. 13.
Francis, Louis, Miami, Fla. Woodworking plane. 2,198,530; Apr. 23.
Francis, Paul R., assignor to Alloy Steel & Metals Company, Los Angeles, Calif. Bit grinding jig. 2,215,694; Sept. 24.
Francis, Victor J., North Wembley, England, assignor to General Electric Company. Electric discharge lamp adapted for use as source in optical projection apparatus. 2,187,774; Jan. 23.
Francis, Victor J., North Wembley, England, assignor to General Electric Company. Electrode for high-pressure mercury-vapor discharge device. 2,217,438; Oct. 8.
Franck, George E., Berwyn, assignor to Imperial Brass Manufacturing Company, Chicago, Ill. Charging mechanism. 2,226,851; Dec. 31.
Franck, George T. (See Plessman, John J., assignor.)
Franck, Siegfried, Stein, near Nuremberg, and G. Mohr, Nuremberg, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Induction meter. 2,208,415; July 16.
Francke, Werner. (See Hoffmann, O., and Francke.)
Franclare Company. (See Miller, Frank W., assignor.)
Franco, Sebastian J., and H. Bergren, Omaha, Nebr. Hairpin. 2,194,826; Mar. 26.
Franco-Ferreira, Edgard C., Chicago, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Making heat exchange devices. 2,211,813; Aug. 20.
François, Auguste E., Choisy-le-Roi, France. Treatment of grain, especially wheat. 2,204,039; June 11.
Frangeo Company, The. (See Batchell, G. W., Mayers, and Schwalbe, assignors.)
Frangeo Company, The. (See Mayers, Wilbur S., assignor.)
Frank, Charles S. (See Lorenzen, Ben L., assignor.)
Frank, Charles W., Harrisonburg, Va. Table service. 2,185,942; Jan. 2.
Frank, Frederick C., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,185,250; Jan. 2.
Frank, Frederick C., Beverly, N. J., assignor to Beaunit Mills, Inc., New York, N. Y. Knitting machine. 2,192,969; Mar. 12.
Frank, Frederick C., assignor to Bendix Products Corporation, South Bend, Ind. Master cylinder for brakes. 2,208,575; July 23.
Frank, Harlow G., Wolf Point, Mont. Automobile signaling device. 2,211,264; Aug. 13.
Frank, Harrison J. L., and J. A. Messing, Detroit, Mich. Trolley and current collector means. 2,186,376; Jan. 9.
Frank Harrison, J. L., and J. A. Messing, Detroit, Mich. Trolley and current collector means. 2,193,961; Mar. 19.
Frank, Harry S., New York, N. Y. Continuous sachet device. 2,200,840; May 14.
Frank, Harry S., assignor to Prince Matchabelli Inc., New York, N. Y. Bath mitt. 2,210,754; Aug. 6.
Frank, Harry S., assignor to Prince Matchabelli Inc., New York, N. Y. Purse kit. 2,210,755; Aug. 6.
Frank, Horace J., Pittsburgh, Pa. Automatic fuel injection valve. 2,192,884; Mar. 12.
Frank, Karl. (See Dietz, K., and Frank.)
Frank, Karl. (See Wolff, Paul H.)
Frank, Karl. (See Wolff, P. H., and Frank.)
Frank, Louis, assignor of one-third to A. Reader, Taft, Calif. Wire or rod connector. 2,187,230; Jan. 16.
Frank, Louis C., assignor to Trackson Company, Milwaukee, Wis. Frame structure. 2,199,089; Apr. 30.
Frank, Matthew B., St. Helens, Oreg. Apparatus for automatically spraying lumber with preservative fluid. 2,206,179; July 2.
Frank, Milton A., San Anselmo, Calif. Bumper for motor vehicles. 2,194,459; Mar. 26.
Frank, Robert J., Pittsburgh, Pa., assignor to Copperweld Steel Company. Ground rod. 2,186,482; Jan. 9.
Frank, Samuel K., et al., trustees. (See Ice, James N., assignor.)
Frank, Walter. (See Guenther, F., Haussmann, and Frank.)
Frank, William H. (See Fisher, L. E., and Frank.)
Frank, William H., Detroit, Mich. Electrical distribution system. 2,186,377; Jan. 9.
Frank, William H., Detroit, Mich. Circuit breaker. 2,202,626; May 28.
Frank, William H., Detroit, Mich. Circuit breaker. 2,203,462; June 4.
Frank, William H., and L. E. Fisher, Detroit, Mich. Electrical distribution system. 2,211,109; Aug. 13.
Frank, William H., L. E. Fisher, and J. A. Messing, Detroit, Mich. Switching apparatus. 2,191,615; Feb. 27.
Frank, William R., Moline, Ill., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Steering mechanism for agricultural implements. 2,205,403; June 25.
Franke, August J., Harrison, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Stem machine. 2,195,483; Apr. 2.
Franke, Edward P., Baltimore, Md. Ornamental article of manufacture. 2,212,638; Aug. 27.
Franke, Ernst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Circuit arrangement for reducing interference. 2,201,337; May 21.
Franke, Karl. (See Hertel, Franz, assignor.)
Franke, Kenneth S., New York, N. Y. Trick device. 2,199,818; May 7.
Franke, Peter, West Haven, Conn. Popcorn cutter. 2,225,106; Dec. 17.
Franke, Robert. (See Zahn, R., Süs, and Franke.)
Frankel, Jack, Brooklyn, N. Y. Suspending device for a lifesaving rope and belt. 2,195,299; Mar. 26.
Frankel, Jacob W. (See Saffir, Jacob A., assignor.)
Frankenberg, Julius, Chicago, Ill.; L. Frankenberg, administrator of estate of J. Frankenberg, decreased, assignor, by mesne assignments, to L. Frankenberg. Air conditioning system. 2,187,492; Jan. 16.
Frankenberg, Lester, administrator. (See Frankenberg, Julius, assignor.)
Frankenberry, Elizabeth, et al. (See Staubly, Alan M., assignor.)
Frankenberry, Lucy, et al. (See Staubly, Alan M., assignor.)
Frankenburger, Walter and H. Hammerschmid, Ludwigshafen-on-the-Rhine, and G. Roessler, Oppau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing aldehyde resins. 2,190,184; Feb. 13.
Frankford, Frank P., Ridgefield Park, N. J. Fuel tank closure. 2,206,948; July 9.
Frankfurter Maschinenbau-Akt.-Ges. vorm. Pokorny & Wittekind. (See Oeckl, O., Weinhold, Pleines, and Kessler, assignors.)
Frankl, Mathias, Ausgburg, Germany, assignor to American Oxythermic Corporation, New York, N. Y. Producing hydrogen. 2,202,374; May 28.
Frankland, William H., Tampa, Fla. Oil burner. 2,209,649; July 30.
Frankley, Lawrence W., Hermosa Beach, assignor to Frankley-Smith Mfg. Co., Torrance, Calif. Fluid control device. 2,214,194; Sept. 10.
Frankley, Lawrence W., Hermosa Beach, assignor to Frankley-Smith Mfg. Co., Torrance, Calif. Flow control means. 2,214,195; Sept. 10.
Frankley-Smith Mfg. Co. (See Frankley, Lawrence W., assignor.)
Franklin, Albert W., New York, N. Y. Bushing. 2,225,472; Dec. 17.

Franklin, Bennie V., Danville, Va. Blood transfusion board. 2,194,651; Mar. 26.
Franklin, Bernard S. (See Case, N. L., and Franklin.)
Franklin, Charles S., London, England, assignor to Radio Corporation of America. Radio and other high frequency feeder arrangements. 2,205,250; June 18.
Franklin, David J., York, Pa. Flexible plywood construction. 2,220,898; Nov. 12.
Franklin, James A., et al. (See Bittick, James E., assignor.)
Franklin, John L., Atlanta, Ga. Phonographic announcing mechanism and system. 2,207,855; July.
Franklin, Lawrence W. (See d'Humy, F. E., and Franklin.)
Franklin, Lawrence W., Hasbrouck Heights, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Telegraph transmitting system. 2,216,772; Oct. 8.
Franklin Machine Company. (See Seymour, William I., assignor.)
Franklin Process Company. (See Wood, John M., assignor.)
Franklin Railway Supply Company. (See Washburn, Edgar, assignor.)
Franklin, Ralph E. (See Usselman, G. L., and Franklin.)
Franklin, Ralph E., Patchogue, N. Y., assignor to Radio Corporation of America. Piezoelectric crystal holder. 2,197,858; Apr. 23.
Franklin, Raymond J., North Bergen, N. J., assignor to Chicago Hardware Foundry Company, North Chicago, Ill. Welding electrode. 2,213,390; Sept. 3.
Franklin, Robert M., Brooklyn, N. Y., assignor of one-third to E. C. Pomeroy, Hopewell, N. J., and one-third to R. C. Johnson, Washington, D. C. Motor vehicle headlight control system. 2,187,648; Jan. 16.
Frankman, Leroy, Fairmont, W. Va. Rail-clamp chock. 2,209,881; July 30.
Franks, Edward E., Jr. (See Fisher, C. F., and Franks.)
Franks, Gerald N., Leland, Miss. Cotton fan. 2,225,397; Dec. 17.
Franks, Harry H., assignor to Franks Manufacturing Corporation, Tulsa, Okla. Derrick structure. 2,215,920; Sept. 24.
Franks, James B., Jr. (See Alborn, F. G., and Franks.)
Franks, James B., Jr., Philadelphia, Pa., and F. G. Alborn, Norwalk, Conn., assignors to A. R. McCown, Esquire, trustee, Philadelphia, Pa. Motor vehicle control mechanism. 2,193,865; Mar. 19.
Franks Manufacturing Corporation. (See Franks, Harry H., assignor.)
Franks Manufacturing Corporation. (See Hornbrook, John W., assignor.)
Franks Manufacturing Corporation. (See White, Carl, Jr., assignor.)
Franks Manufacturing Corporation. (See Woody, Wayland B., assignor.)
Franks, Roye W., Portland, Oreg. Stoker air control. 2,206,033; July 2.
Franks, Russell. (See Becket, F. M., and Franks.)
Franks, Russell, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Steels and electrical resistance elements. 2,191,790; Feb. 27.
Franks, Russell, Niagara Falls, N. Y., assignor to Haynes Stellite Company. Nickel base alloy. 2,196,699; Apr. 9.
Franks, Russell, Niagara Falls, N. Y., assignor to Haynes Stellite Company. Nickel-base alloy. 2,219,445; Oct. 29.
Fransson, Frans, assignor to Aga-Baltic Radio Aktiebolag, Stockholm, Sweden. Radio direction finder. 2,223,513; Dec. 3.
Frantz, Elmer R., Chicago, Ill. Smoker's article. 2,202,342; May 28.
Frantz Manufacturing Co. (See Ferris, William D., assignor.)
Frantz Manufacturing Co. (See Ferris, W. D., and Wolf, assignors.)
Frantz, Paul E. (See McCabe, J. J., and Frantz.)
Frantz, Ralph S., assignor to General Motors Corporation Detroit, Mich. Radiator filler cap. 2,191,614; Feb. 27
Frantz, Samuel G., Princeton, N. J., assignor to Radio Corporation of America, New York, N. Y. Remote indicating system. 2,188,145; Jan. 23.
Franz, Alwin F. (See Chambers, T. A., Davis, Franz and Whiting.)
Franz, Ehrhart, Leipzig, Germany. Temporarily marking textile fiber. 2,198,994; Apr. 30.
Franz, Erwin E., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Mechanical motion. 2,224,905; Dec. 17.
Franz, Frederick, New Haven, A. H. Boesch, Danbury, Conn., and R. Pash, Roselle, N. J., said F. Franz and R. Pash assignors to said A. H. Boesch. Apparatus for and method of treating hat bodies. 2,203,409; June 4.
Fränz, Kurt, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Beacon aerial. 2,189,283; Feb. 6.
Fränz, Kurt, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna supervisory system. 2,205,881; June 25.
Fränz, Kurt, Berlin-Charlottenburg, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna array. 2,218,707; Oct. 22.
Franzmeier, Alvin W., Rosemount, assignor of one-fourth to H. L. Fischer, St. Paul, Minn. Milk strainer. 2,199,698; May 7.
Frasch, Jean, assignor of one-half to S. Fratkine, Paris, France. Protecting magnesium and its alloys. 2,196,161; Apr. 2.
Frasch, Otto T., Los Angeles, Calif. Counterbalancing actuator for doors and the like. 2,214,229; Sept. 10.
Fraser, Alexander W., assignor to National Steel Car Corporation, Limited, Hamilton, Ontario, Canada. Forming corrugated car ends. 2,213,648; Sept. 3.
Fraser, Charles E., Kew Gardens, assignor to Filtration Equipment Corp., New York, N. Y. Seal for sand filter cleaning mechanism. 2,204,534; June 11.
Fraser, Edwin J., Riverside, assignor to Keeshin Motor Express Co., Inc., Chicago, Ill. Trailer. 2,211,229; Aug. 13.
Fraser, Edwin J., Riverside, assignor to Keeshin Motor Express Co., Inc., Chicago, Ill. Coupling device. 2,212,708; Aug. 27.
Fraser, George H., Brooklyn, N. Y. Air or other current separator. 2,188,345; Jan. 30.
Fraser, George H., Brooklyn, N. Y. Pulverizing and separating machine. 2,188,346; Jan. 30.
Fraser, George H., Brooklyn, N. Y. Air or current separator. 2,188,430; Jan. 30.
Fraser, George H., Brooklyn, N. Y. Air and other separator. 2,188,431; Jan. 30.
Fraser, George H., Brooklyn, N. Y. Air and other separator. 2,188,432; Jan. 30.
Fraser, George H., Brooklyn, N. Y. Air and other separator. 2,188,474; Jan. 30.
Fraser, George H., Brooklyn, N. Y. Dust guard for pulverizers and other devices. 2,194,746; Mar. 26.
Fraser, George H., Brooklyn, N. Y. Clutch for speed change and other gearing. 2,195,410, Apr. 2.
Fraser, George H., Brooklyn, N. Y. Coupling or clutch. 2,197,797; Apr. 23.
Fraser, George H., Brooklyn, N. Y. Air and other filters and conditioners. 2,225,628; Dec. 24.
Fraser, J. B. (See Johnsen, Holger A. E., assignor.)
Fraser, John, London, assignor to Avery-Hardoll Limited, London, England. Liquid measuring and dispensing apparatus. 2,224,540; Dec. 10.
Fraser, Kenneth G., assignor of forty-five one-hundredths to J. A. Roche and one-tenth to M. Isaacson, Dayton, Ohio. Propeller. 2,219,303; Oct. 29.
Fraser, Neal M., Charleston, W. Va. Novelty gun. 2,225,629; Dec. 24.
Fraser, Thomas. (See Ruddell, S. G., and Fraser.)
Fraser, Warren F., Westboro, Mass. Watchmaker's poising tool. 2,185,843; Jan. 2.
Fraser, William, Liverpool, England. Hydraulic coupling. 2,204,261; June 11.
Fraser, William H., Reno, Nev. Refrigerated open display rack. 2,209,690; July 30.
Fraser, William H., Reno, Nev. Parking time key. 2,209,691; July 30.
Fraseur, Roscoe E. (See Axtell, W. G., and Fraseur.)
Frasier, Mary, Hoboken, N. J. Pick for stringed instruments. 2,221,234; Nov. 12.
Fratis, John F., Represa, Calif. Cooking utensil. 2,214,129; Sept. 10.
Fratis, Joseph E. (See Davis, W. N., Cushman, and Fratis.)
Fratkine, Samuel. (See Frasch, Jean, assignor.)
Fratzer, Conrad. (See Eisenhut, O., Rein, and Fratzer.)
Frauenthal, Harold. (See Street, Chauncey C., assignor.)
Frauenthal, Harold, South Bend, Ind., and S. R. Thomas, Lyons, Mich., assignors to Bantam Bearings Corporation, South Bend, Ind. Bearing construction. 2,219,031; Oct. 22.
Fraula, William S., Suffern, N. Y., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Machine for manufacturing brake shoe inserts. 2,188,146; Jan. 23.
Fraula, William S., Suffern, assignor to The American Brake Shoe and Foundry Company, New York, N. Y. Production of expanded metal inserts for brake shoes and similar castings. 2,215,549; Sept. 24.
Fraula, William S., Suffern, assignor to The American Brake Shoe and Foundry Company, New York, N. Y. Pouring ladle. 2,224,906; Dec. 17.
Frayer, Lee A., and R. S. Salter, Kent, assignors to The Lamson & Sessions Company, Cleveland, Ohio. Production of castle nuts. 2,226,399; Dec. 24.
Frayne, John G., Pasadena, Calif., assignor to Electrical Research Products, Inc., New York, N. Y. Translating device. 2,199,070; Apr. 30.
Frazier, Adolph F. (See Newby, W., and Frazier.)
Frazier, Radford K., assignor to Bendix Radio Corporation, Chicago, Ill. Remote control apparatus. 2,190,447; Feb. 13.
Frazier, Robert T., assignor to Cavalier Corporation, Chattanooga, Tenn. Calculator. 2,203,194; June 4.
Frazier-Simplex, Inc. (See Killingsworth, William M., assignor.)
Frazier-Simplex, Inc. (See Wilson, John N., assignor.)
Frear, Hugo P., New York, N. Y., assignor, by mesne assignments, to Bethlehem Steel Company. Ship construction. Re. 21,359; Feb. 20.
Frear, Jenness B., Caruthersville, Mo., assignor to Signode Steel Strapping Company, Chicago, Ill. Transportation of merchandise. 2,226,373; Dec. 24.

Frech, Charles. (See Nilsson, J. E., and Frech.)
Frech, Charles, and J. E. Nilsson, London, England. Articles of furniture, such as bed chair and bed settee. 2,193,402; Mar. 12.
Frechtling, Walton H., and J. P. Ahlbrandt, assignors to Borg-Warner Corporation, Chicago, Ill. Rotary hoe wheel. 2,196,857; Apr. 9.
Fredcraft Corporation. (See New, Fred M., assignor.)
Fredell, Bror A., San Jose, Calif. Step support. 2,197,266; Apr. 16.
Fredell, Bror A., San Jose, Calif. Wire fastening device. 2,223,101; Nov. 26.
Frederick, Donald S. (See Marvel, C. S., and Frederick.)
Frederick, Emile, Jr. (See Swenson, G. E., and Frederick.)
Frederick Iron and Steel Company, The. (See Brice, Albert L., assignor.)
Frederick, Joseph M., assignor of one-half to J. L. Rosenfield, Baltimore, Md. Applying and attaching metallic end closures to cartons. 2,203,955; June 11.
Frederick, Laurence D., and O. T. Bloom, assignors to Industrial Patents Corporation, Chicago, Ill. Calf feeder. 2,190,420; Feb. 13.
Frederick, William J., Battle Creek, Mich. Compact, knockless, cockless, pin piston. 2,193,920; Mar. 19.
Fredericks, John D., Jr. (See Dickson, James T., assignor.)
Frederiksen, Carl J. (See Coultas, W. J., and Frederiksen.)
Fredericksen Company. (See Wishart, Harold W., assignor.)
Fredericksen, James P., Wollaston, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Flexing soles. 2,198,699; Apr. 30.
Frederickson, Clayton E., Chicago, Ill. Differential mechanism. 2,203,683; June 11.
Fredlund, August R., Santa Barbara, Calif. Fireplace. 2,185,788; Jan. 2.
Fredman, F. Haskell, Rochester, N. Y. Frame. 2,192,545; Mar. 5.
Fredrickson, Edward A. (See Andersen, L., Fredrickson, Newman, Van Sciver, and Zinkil.)
Fredrickson, Edward A. (See Andersen, L., Fredrickson, and Zinkil.)
Fredrickson, Edward A. (See Zinkil, R. H., and Fredrickson.)
Fredrickson, Edward A. (See Zinkil, R. H., Fredrickson, and Kovarik.)
Fredrickson, Edward A., and L. Andersen, Chicago, Ill., H. R. Van Sciver, Trenton, N. J., and R. H. Zinkil, Oak Park, Ill. Swiveling closet bowl. 2,202,486; May 28.
Freeborn, Albert G., Wimbledon, England. Electrical treatment of water to prevent the effects of hardness. 2,207,583; July 9.
Freeborn, James E., assignor to Freeborn Power Converters Limited, London, England. Variable speed power transmission apparatus. 2,204,800; June 18.
Freeborn Power Converters Limited. (See Freeborn, James E., assignor.)
Freeburg, Walter S., assignor to Allen-Bradley Company, Milwaukee, Wis. Packaging means for small resistor units. 2,214,230; Sept. 10.
Freed, Harry. (See Main, Lewis, assignor.)
Freed, Harry M. (See Freed, William N., assignor.)
Freed, John M., Perkasie, Pa. Package. 2,197,859; Apr. 23.
Freed, William N., Richlandtown, Pa. Package numbering or lettering machine. 2,202,762; May 28.
Freed, William N., Richlandtown, assignor of one-half to H. M. Freed, Philadelphia, Pa. Stamping head. 2,212,438; Aug. 20.
Freedland, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. V-belt with small grooves on underside. 2,210,073; Aug. 6.
Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt. 2,211,202; Aug. 13.
Freedman, Benjamin H., Asbury Park, N. J. Theater ticket. 2,187,685; Jan. 16.
Freedman, Paul, London, assignor to Crompton Parkinson Limited, Guiseley, near Leeds, England. Metallic vapor discharge lamp. 2,194,652; Mar. 26.
Freedman, Paul, London, assignor to Crompton Parkinson Limited, Guiseley, near Leeds, England. Electrical discharge lamp. 2,197,760; Apr. 23.
Freedman, Samuel, New York, N. Y. Safety lock protector. 2,196,899; Apr. 9.
Freeland, Charles. (See Leyburn, H., and Freeland.)
Freeland, Charles E., Butler, Pa., assignor to The American Rolling Mill Company, Middletown, Ohio. Annealing base. 2,204,889; June 18.
Freeland, John W. (See Byck, H. T., Freeland, and Lawton.)
Freeland, John W., San Francisco, and H. T. Byck, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Drilling fluid composition. 2,214,366; Sept. 10.
Freeman, Alpheus J., assignor to Freeman, Incorporated, Chicago, Ill. Marking of casings. 2,207,793; July 16
Freeman, Alpheus J., assignor to Freeman, Incorporated, Chicago, Ill. Method and machine for laminating strips in casings. 2,222,611; Nov. 26.
Freeman, Alpheus J., assignor to Freeman, Incorporated, Chicago, Ill. Food marking and reinforcing. 2,225,694; Dec. 24.
Freeman, Benjamin W., Cincinnati, Ohio. Method of and apparatus for ornamenting shoe parts. Re. 21,321; Jan. 16.
Freeman Daughaday Company. (See Lindquist, Albert W., assignor.)
Freeman, Frank L., Detroit, Mich. Vehicle drive mechanism. 2,213,981; Sept. 10.
Freeman Furniture Factories, Inc. (See Wokosin, Louis W., assignor.)
Freeman, George A., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrode sealing-in. 2,215,641; Sept. 24.
Freeman, George S. P. (See McGee, J. D., Freeman, and Brown.)
Freeman, George S. P., Hammersmith, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Mosaic electrode structure. 2,222,940; Nov. 26.
Freeman, Glenn M. (See Gear, Walter J., assignor.)
Freeman, Howard L., Alma, Mich. Target and projectile receiver. 2,201,527; May 21.
Freeman, Incorporated. (See Freeman, Alpheus J., assignor.)
Freeman, Joel S., et al. (See Dulberg, Jasper, assignor.)
Freeman, John R., Jr., Middlebury, and A. W. Tracy, assignors to The American Brass Company, Waterbury, Conn. Corrosion resistant copper-zinc alloy. 2,188,681; Jan. 30.
Freeman, John V., Bellerose, N. Y. Paint removing composition. 2,196,111; Apr. 2.
Freeman, Louis G., Company, The. (See Schneider, John, assignor.)
Freeman, Malcolm H., Maryville, Tenn., assignor to Aluminum Company of America, Pittsburgh, Pa. Work handling device. 2,222,941; Nov. 26.
Freeman, Maurice, and C. Ragovin, Brooklyn, N. Y. Electric circuit breaker. 2,222,291; Nov. 19.
Freeman, Michael W., Detroit, Mich. Lubricant. 2,189,788; Feb. 13.
Freeman, Nat H., London, England. Apparatus for producing gas from carbon containing materials. 2,203,137; June 4.
Freeman, Raymond A., assignor to V. & O. Press Company, Inc., Hudson, N. Y. Adjustable slide for punch presses. 2,198,333; Apr. 23.
Freeman, Raymond A., Mount Vernon, assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Web roll controlling mechanism for printing machines. 2,203,014; June 4.
Freeman, Richard D. (See Collings, W. R., Freeman, and Upright.)
Freeman, Richard D. (See Gibb, D. L., and Freeman.)
Freeman, Robert L., Great Neck, N. Y., assignor to Hazeltine Corporation. High-frequency signal-translating stage. 2,188,504; Jan. 30.
Freeman, Robert L., assignor to The Crosley Corporation, Cincinnati, Ohio. Compensation for distortion in sharply tuned circuits. 2,205,007; June 18.
Freeman, Robert L., Great Neck, N. Y., assignor to Hazeltine Corporation. Ultra-high-frequency signal-translating stage. 2,211,718; Aug. 13.
Freeman, Samuel, New York, N. Y. Developing tank for developing photographic films. 2,214,581; Sept. 10.
Freeman, Stanley C., Mount Vernon, assignor to R. Hoe & Co., Inc., New York, N. Y. Renewing web rolls in a printing machine. 2,214,719; Sept. 10.
Freeman, Stanley C., Mount Vernon, assignor to R. Hoe & Co., Inc., New York, N. Y. Web feeding mechanism. 2,217,897; Oct. 15.
Freeman, Stephen E., Racine, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Extracting and refining glycerides and products resulting therefrom. 2,200,390; May 14.
Freeman, Stephen E., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Solvent extraction of glyceride oils. 2,200,391; May 14.
Freeman, Walter B., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanizing apparatus. 2,198,493; Apr. 23.
Freeman, Walter R. (See Boldt, W. F., and Freeman.)
Freeman, Walter R., University City, assignor, to Wagner Electric Corporation, St. Louis, Mo. Braking mechanism. 2,186,332; Jan. 9.
Freeman, Walter R., University City, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid braking system. 2,190,981; Feb. 20.
Freeman, Walter R., University City, assignor to Wagner Electric Corporation, St. Louis, Mo. Clutch and brake mechanism. 2,201,125; May 14.
Freeman, Walter R., University City, assignor to Wagner Electric Corporation, St. Louis, Mo. Manually controlled ratio changing device. 2,218,194; Oct. 15.
Freeman, Wayne E., and C. C. Henderson, Spring Valley, Minn. Grease seal. 2,195,774; Apr. 2.
Freeman, Will. (See Lipman, Carl E. L., assignor.)
Freeman, William S., Leeds, England. Stopper for carboys, bottles, cans, and like containers. 2,208,899; July 23.
Freeman, William S., Leeds, England. Stopper for carboys, bottles, cans, and like containers. 2,215,392; Sept. 17.

Freese, Gerald J., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,199,626; May 7.
Frei, John, Jr., Chicago, Ill. Sharpening device. 2,187,231; Jan. 16.
Frei, John, Jr., assignor to The Glolite Corporation, Chicago, Ill. Forming a light diffusing element. 2,189,860; Feb. 13.
Freidman, Leo, New York, N. Y., assignor to Gold Seal Importers, Inc. Handbag. 2,202,651; May 28.
Freidman, Leo, Bronx, N. Y., assignor to Gold Seal Importers, Inc., New York, N. Y. Handbag frame and bag. 2,213,835; Sept. 3.
Freiler, Kurt, Chelsea, assignor to Hy-sil Manufacturing Company, Revere, Mass. Display device. 2,211,110; Aug. 13.
Freilich, Jacob, New York, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Manufacture of baked goods. 2,215,957; Sept. 24.
Freitag, Willy, and M. Reger, Berlin, Germany, assignors to General Electric Company. Electric lamp device. 2,219,890; Oct. 29.
Frelin, Fritjof, Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Oiling device. 2,199,699; May 7.
Fremd, Fredrick W., Jr., deceased, West Palm Beach, Fla.; O. Fremd, administratrix. Carburetor. 2,216,664; Oct. 1.
Fremd, Oddetta, administratrix. (See Fremd, Fredrick W., Jr.)
Fremon, Jules A., St. Louis, Mo. Pin tumbler lock. 2,194,469; Mar. 26.
Fremont, Wynne O., Ann Arbor, Mich. Joint construction. 2,196,727; Apr. 9.
French, Alfred W., Jr., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Spacing means for the cage bars of presses. 2,223,514; Dec. 3.
French, Dudley K., Winnetka, assignor to The Dole Valve Company, Chicago, Ill. Compound for treating water in boilers. 2,219,416; Oct. 29.
French, George F., Manchester, England. Curtain heading tape and the like. 2,202,627; May 28.
French, George F., assignor to Thomas French & Sons Limited, Manchester, England. Ladder web with double weft. 2,194,440; Mar. 19.
French, Gordon W., assignor to Beasley, French and Company Limited, Bristol, England. Manufacture of paper and like bags, envelopes, and the like. 2,212,469; Aug. 20.
French & Hecht, Incorporated. (See Cain, Joseph I., assignor.)
French & Hecht, Incorporated. (See Hoffmann, William H., assignor.)
French & Hecht, Incorporated. (See Matheson, Alexander D., assignor.)
French & Hecht, Incorporated. (See Ploehn, John H., assignor.)
French, Henry C., assignor to The Heil Co., Milwaukee, Wis. Scraper. 2,216,235; Oct. 1.
French, Henry C., assignor to The Heil Co., Milwaukee, Wis. Scraper. 2,226,859; Dec. 31.
French, Herbert J. (See Brophy, G. R., and French.)
French, Hubert, Brooklyn, N. Y. Interstation communication system. 2,199,220; Apr. 30.
French, J. Conner, et al., executors. (See McCann, John J.)
French, James W., Anniesland, Glasgow, assignor to Barr and Stroud, Limited, Glasbow, Scotland. Range finder and like optical measuring instrument. 2,190,541; Feb. 13.
French, James W., Anniesland, Glasgow, assignor to Barr and Stroud, Limited, Glasgow, Scotland. Range finder and like optical observation instruments. 2,219,224; Oct. 22.
French, John E. (See Cox, Joseph F., assignor.)
French, John W., and A. J. Andre, Warren, and L. A. Teachout, Youngstown, assignors, by mesne assignments, to Mullins Manufacturing Corporation, Salem, Ohio. Drawing metal. 2,199,627; May 7.
French, Kieth M., Watertown, N. Y. Wrist-attached camera. 2,187,449; Jan. 16.
French Oil Mill Machinery Company, The. (See French, Alfred W., Jr., assignor.)
French Oil Mill Machinery Co., The. (See Robinson, Harry S., assignor.)
French Oil Mill Machinery Co., The. (See Stacy, Thomas F., assignor.)
French, Thomas, & Sons Limited. (See French, George F., assignor.)
French, Walter D. (See Long, R. G., and French.)
Freng, Johannes, Oslo, Norway. Apparatus for adding extracts or the like to shower baths. 2,201,528; May 21.
Frenkel, Arnold. (See Goldhammer, Helene, assignor.)
Frenkel, Gerhard, Rudersdorf, near Berlin, Germany. Sintered binding agent of the Portland cement type and manufacturing same. 2,204,959; June 18.
Frenkel, Isaac. (See Nau-Touron, Albert, assignor.)
Frenkiel, Joseph. (See Petitcolas, P., Goupil, Frenkiel, and Senti.)
Frentzel, Herman C., Jr., Shorewood, and C. G. Novotny, assignors to The Heil Co., Milwaukee, Wis. Dumping mechanism. 2,190,869; Feb. 20.
Frentzel, Herman C., Jr., Shorewood, and C. G. Novotny, assignors to The Heil Co., Milwaukee, Wis. Body dumping mechanism. 2,190,870; Feb. 20.
Frentzel, Wallmuth R., Chehalis, Wash. Cleaner's garment sizing form. 2,189,789; Feb. 13.
Frenze, Bernard M., Garden City, N. Y., assignor to American Fixture & Showcase Manufacturing Co., St. Louis, Mo. Bracket. 2,201,529; May 21.
Freudenberg, Carl, a firm. (See Freudenberg, H., Becker and Braun.)
Freudenberg, Hans, Weinheim, Baden, O. W. Becker, Heidelberg, and E. Braun, assignors to W., H., O., and R. Freudenberg, trading as the firm Carl Freudenberg, Weinheim, Baden, Germany. Apparatus for the manufacture of threads, bands, films, flexible tubes, and the like. 2,220,226; Nov. 5.
Freudenberg, Herman O., Boulder, Colo. Spinning bowl. 2,199,309; Apr. 30.
Freudenberger, Heinrich. (See Hopff, H., Steinbrunn, and Freudenberger.)
Freudenhammer, Klaus, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control scheme for frequency changers. 2,214,610; Sept. 10.
Freudiger, John, et al. (See Ragland, Elbert L., assignor.)
Freund, Ernst, and F. Deutsch, Vienna, Austria, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial structure and preparing same. 2,186,452; Jan. 9.
Freund, Herman R., assignor to Intertype Corporation, Brooklyn, N. Y. Matrix slide block for typographical machines. 2,196,148; Apr. 2.
Freund, Herman R., assignor to Intertype Corporation, Brooklyn, N. Y. Typographical slug casting machine. 2,201,084; May 14.
Freund, Morris, Cleveland, Ohio, assignor to John C. Lincoln, Scottsdale, Ariz. Wire spring for cushioned seats. Re. 21,621; Nov. 12.
Freund, Morris, Cleveland, assignor of one-half to J. Kronheim, Shaker Heights, Ohio, and one-half to J. C. Lincoln, Scottsdale, Ariz. Spring unit for spring cushions. 2,201,997; May 28.
Freund, Morris, Cleveland, assignor of one-half to J. Kronheim, Shaker Heights, Ohio, and one-half to J. C. Lincoln, Scottsdale, Ariz. Spring structure for cushioned seats. 2,207,054; July 9.
Freund, Nicklous N., McHenry, Ill. Tank gauge. 2,209,262; July 23.
Freundlich, Albert, assignor to Kamket Corporation, New York, N. Y. Book. 2,216,706; Oct. 1.
Frey, Albert A., Forest Hills, and E. J. Parsons, Vandergrift, Pa. Metallurgic weighing apparatus. 2,213,982; Sept. 10.
Frey, Charles N. (See Freilich, J., and Frey.)
Frey, Charles N. (See Schultz, A. S., and Frey.)
Frey, Charles N., New York, N. Y., and S. Jozsa, Chicago, Ill., assignors to Standard Brands Incorporated, New York, N. Y. Treatment of textile material. 2,194,932; Mar. 26.
Frey, Cullen G. (See Graham, D. P., and Frey.)
Frey, Edward, Modesto, Calif. Extension bit. 2,226,762; Dec. 31.
Frey, Elmer E., assignor to Kittle Manufacturing Co., Los Angeles, Calif. Arm rest. 2,201,261; May 21.
Frey, Elmer E., assignor to Kittle Manufacturing Co., Los Angeles, Calif. Liquid flow control device. 2,217,947; Oct. 15.
Frey, Frederick E., M. P. Matuszak, and R. D. Snow, assignors to Phillips Petroleum Company, Bartlesville, Okla. Increasing the concentration of olefins in a mixture containing olefins and paraffins. 2,186,524; Jan. 9.
Frey, Frederick E., and L. H. Fitch, Jr., deceased, by First National Bank in Bartlesville, administrator, assignors to Phillips Petroleum Company, Bartlesville, Okla. Preparation of resinous reaction products of sulphur dioxide and olefins. 2,192,466; Mar. 5.
Frey, Frederick E., R. D. Snow, and L. H. Fitch, Jr., deceased, by First National Bank in Bartlesville, administrator, assignors to Phillips Petroleum Company, Bartlesville, Okla. Polymerization product and producing the same. 2,192,467; Mar. 5.
Frey, Frederick E., R. D. Snow, and L. H. Fitch, Jr., deceased, by First National Bank in Bartlesville, administrator, assignors to Phillips Petroleum Company, Bartlesville, Okla. Polymerization product of sulphur dioxide and allyl cyanide. 2,198,936; Apr. 30.
Frey, Frederick E., P. V. McKinney, and W. H. Wood, Bartlesville, Okla., assignors to Phillips Petroleum Company. Converting hydrocarbons. 2,198,937; Apr. 30.
Frey, Frederick E., and H. J. Hepp, Bartlesville, Okla., assignors to Phillips Petroleum Company. Producing hydrocarbons. 2,209,450; July 30.
Frey, Frederick E., R. D. Snow, and L. H. Fitch, Jr., deceased, (by First National Bank in Bartlesville, administrator), assignors to Phillips Petroleum Company, Bartlesville, Okla. Polymerization product and producing the same. 2,225,266; Dec. 17.
Freygang, Hans-Günther, Berlin-Friedrichshagen, Germany, assignor to General Electric Company. Broadband transformer for push-pull circuits. 2,190,448; Feb. 13.
Freyn Engineering Company. (See Clemmitt, W. B., and Hayes, assignors.)

Freyn Engineering Company. (See Fox, Gordon, assignor.)
Freyn Engineering Company. (See Fox, G., Whitcomb, and Rice, assignors.)
Freyn Engineering Company. (See Rice, O. R., and Schofield, assignors.)
Freyn Engineering Company. (See Tau, Bruce E., assignor.)
Freysinger, John B., assignor to North and Judd Manufacturing Company, New Britain, Conn. Clasp. 2,186,410; Jan. 9.
Freysinger, John B., assignor to North and Judd Manufacturing Company, New Britain, Conn. Clasp. 2,192,738; Mar. 5.
Freysinger, John B., assignor to North & Judd Manufacturing Company, New Britain, Conn. Clasp. 2,212,096; Aug. 20.
Freyssinet, Eugene, Neuilly-Sur-Seine, France. Jack apparatus. 2,226,201; Dec. 24.
Freystedt, Erich, Berlin-Siemensstadt, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung, Berlin, Germany. Measuring instrument. 2,188,628; Jan. 30.
Frick, Charles E., Jr., et al. (See Jensen, James A., assignor.)
Frick Company. (See Shenton, Francis, assignor.)
Frick, Frederick F., and F. W. Woodman, Anaconda, Mont., assignors to Anaconda Copper Mining Company, New York, N. Y. Recovery of vanadium. 2,193,092; Mar. 12.
Frick, William H. (See Meacham, B. E., and Frick.)
Fricke, William J., assignor to E. D. Bullard Company, San Francisco, Calif. Air purifier. 2,195,565; Apr. 2.
Friday, James D., Cherryville, N. C. Yarn tension device. 2,185,890; Jan. 2.
Friddle, William D., Greenville, S. C. Fracture nail and fracture nail driver. 2,187,852; Jan. 23.
Fridenstine, Frederick H., Ogden, Utah. Stoker. 2,205,061; June 18.
Fridlund, Reynold J., Detroit, Mich. Slide rest mechanism. 2,185,630; Jan. 2.
Fridolph, Annette, New York, N. Y. Bed sheet. 2,186,965; Jan. 16.
Fridolph, Annette, assignor to A. B. A. Specialties Company, Inc., New York, N. Y. Connecting means to be used for tufting mattresses and similar operations 2,192,161; Feb. 27.
Fridolph, Annette, assignor to A. B. A. Specialties Company, Inc., New York, N. Y. Fastening device. 2,210,287; Aug. 6.
Fridolph, Maude C., Los Angeles, Calif. Pantie construction. 2,205,745; June 25.
Fried, John, Peoria, Ill. Towing reach for automobiles. 2,189,393; Feb. 6.
Fried, John, Peoria, Ill. Apparatus for truing wheels. 2,189,394; Feb. 6.
Fried, John, Peoria, Ill. Machine for straightening axles and frames of automobiles. 2,198,434; Apr. 23.
Fried-Krupp, Grusonwerk, Aktiengesellschaft. (See Fass, Wilhelm, assignor.)
Friedberg, Albert, et al. (See Gilowitz, Benjamin, assignor.)
Friede, Vladimir M., New Orleans, La. Wall bed construction. 2,224,727; Dec. 10.
Friedel, Arthur C., assignor to J. F. Friedel Paper Box Company, Syracuse, N. Y. Knockdown box or crate. 2,203,625; June 4.
Friedel, J. F., Paper Box Company. (See Friedel, Arthur C., assignor.)
Friedell, Philip A., Oakland, Calif. Photographic measuring and calculating scale. 2,207,375; July 9.
Fridén, John H., Maplewood, assignor to The Sun Tube Corporation, Hillside, N. J. Extrusion press. Re. 21,378; Mar. 5.
Frieder, Leonard P., New York, N. Y. Manufacture of parachutes. 2,221,322; Nov. 12.
Friedl, Joseph, Milwaukee, Wis. Clothes wringer. 2,220,093; Nov. 5.
Friedländer, Erich, Berlin-Seimensstadt, and O. Schmutz, Berlin-Haselhorst, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Excitation of synchronous generators. 2,208,416; July 16.
Friedlaender, Walther, assignor to Eagle Pencil Company, New York, N. Y. Combination kit. 2,223,560; Dec. 3.
Friedler, Max H., Lewiston, Maine. Hat protector. 2,205,062; June 18.
Friedman, Bertalan, New York, N. Y. Rainproof and adjustable two-in-one suitcase. 2,205,118; June 18.
Friedman, Daniel, Chicago, Ill. Adjustable chimney cowl. 2,188,709; Jan. 30.
Friedman, Daniel, Chicago, Ill. Chimney cowl. 2,223,003; Nov. 26.
Friedman, Edward I. (See Weiner, H., and Friedman.)
Friedman, Harris L. (See Tisza, E. T., Duesel, and Friedman.)
Friedman, Harry, assignor to Automotive Devices Company, Cleveland, Ohio. Clutch plate. 2,210,074; Aug. 6.
Friedman, Irving, assignor to Efco Manufacturing Company, Newark, N. J. Watch cleaning machine. 2,212,317; Aug. 20.
Friedman, Jacob J. (See Kunold, E. T., and Friedman.)
Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Air loaded valve. 2,210,236; Aug. 6.
Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Rod straightening and handling mechanism for headers. 2,219,811; Oct. 29.
Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Clutch control for braking flywheels. 2,220,517; Nov. 5.
Friedman, Max, High Point, N. C. Cigarette maker and holder. 2,203,864; June 11.
Friedman, Morris, New York, N. Y. Waterproof and sandproof watch protector. 2,227,131; Dec. 31.
Friedman, Ruth. (See (Kunold, E. T., assignor), and Friedman.)
Friedman, Samuel M., Brooklyn, N. Y. Transmission mechanism. 2,187,968; Jan. 23.
Friedman, William F., Washington, D. C., and V. E., Whitman, Bayside, Long Island, N. Y. Electric control system for tabulating cards, documents, and the like. 2,224,646; Dec. 10.
Friedmann, Alex. (See Deutsch, Hans, assignor.)
Friedmann, Alex. (See Nemetz, Gustav, assignor.)
Friedmann, Alex. (See Urschler, Franz, assignor.)
Friedmann, Herbert, New York, N. Y. Rust remover. 2,221,968; Nov. 19.
Friedmann, Louis M., Chicago, Ill. Combination ice and roller skate. 2,209,116; July 23.
Friedrich, Hermann, Wuppertal-Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Stable suspension of hormone preparations. 2,190,183; Feb. 13.
Friedrich, Karl, Berlin-Wilmersdorf, Germany. Fire extinguishing compound. 2,212,470; Aug. 20.
Friedrich, Kurt, Munich, and E. Seibold, Heidenheim-on-the-Brenz, Wurtemberg, assignors to J. M. Voith, Heidenheim-on-the-Brenz, Germany. Hydraulic circuit brake and its application in rail and road vehicles. 2,201,165; May 21.
Friedrichs, Werner. (See Hübner, G., and Friedrichs.)
Friedrichs, Wilhelm, Berlin-Reinickendorf-Ost, Germany. Coin-controlled prepaying machine for mail. Re. 21,586; Oct. 1.
Friedrichsen, Heinrich, Berlin-Sudende, and H. Straehler, Berlin-Zehlendorf, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,224,597; Dec. 10.
Friedrichsen, Wilhelm, Ludwigshafen-on-the-Rhine, and W. Fitzky, Frankfort-on-the-Main-Unterliederbach, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Production of aliphatic hydrocarbons of the diolefin series. 2,218,640; Oct. 22.
Friel, Arnold J., and J. H. Retz, Helena, Mont. Casket receiving and placing device. 2,218,878; Oct. 22.
Friemel, Hans, assignor to Klangfilm Gesellschaft mit beschrankter Haftung, Berlin, Germany. Strip feeding for sound and sound picture systems. 2,223,033; Nov. 26.
Friemering, Clarence A., Dayton, Ohio. Coin controlled vending apparatus. 2,202,578; May 28.
Friend, August E., Riverside, Calif. Chromatic harmonica. 2,190,633; Feb. 13.
Friend, Gordon H., Jr., Bryn Mawr, assignor to Thomas M. Royal & Company, Philadelphia, Pa. Apparatus for making composite wrapping material. 2,213,957; Sept. 10.
Friend, J. Don, Hawthorne, N. J. Bearing. 2,187,307; Jan. 16.
"Friend" Manufacturing Company. (See Allgrunn, Carl G., assignor.)
Friend Manufacturing Co. (See Vosler, Arthur E., assignor.)
Fries, Nestor, Fort Wayne, Ind. Fishline reel. 2,196,765; Apr. 9.
Friese, George M., Plainfield, N. J., assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y. Organic black pigment. 2,194,423; Mar. 19.
Friese, Kurt P., Norwalk, Conn. Work holding device. 2,188,433; Jan. 30.
Friestedt, Arthur A., assignor of one-half to S. Maurer, Chicago, Ill. Aligning vehicle wheels. 2,190,709; Feb. 20.
Friestedt, Arthur A., Chicago, assignor of one-fourth to I. J. Wilson, Winnetka, Ill. Automobile body. 2,193,416; Mar. 12.
Frilseth, Ole P. (See Reiter, R. G., and Frilseth.)
Frink, Carl H., Clayton, N. Y. Wing control for snow plows. 2,193,532; Mar. 12.
Frins, Maximilian, C., Plainfield, N. J. Can opener. 2,190,940; Feb. 20.
Frisbie, Lewis E., Iuka, Kans. Tractor wheel lug. 2,200,791; May 14.
Frisbie, Marshall H., Hamden, assignor to The A. C. Gilbert Company, New Haven, Conn. Wheel hub construction. 2,189,464; Feb. 6.
Frisby, Floyd J. (See Stone, G. A., and Frisby.)
Frisby, Frank D., St. Louis, Mo. Variable speed transmission mechanism for automobiles and the like. 2,188,403; Jan. 30.
Frisby, Frank D., St. Louis, Mo. Air inlet device for automobile bodies. 2,225,827; Dec. 24.

Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Pulverization system. 2,189,312; Feb. 6.
Frisch, Martin, Cranford, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Steam generator. 2,204,350; June 11.
Frisch, Martin, Cranford, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Firing steam generators. 2,204,351; June 11.
Frisch, Martin, Cranford, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Steam generator. 2,207,247; July 9.
Frischeisen, Fritz, Berlin-Charlottenburg, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Car type radio station. 2,212,561; Aug. 27.
Frisk, Carl V., Los Angeles, Calif. Overhead door. 2,211,230; Aug. 13.
Frisk, Ernest T., Hibbing, Minn. Amusement device. 2,218,333; Oct. 15.
Frisk, Ernest T., and C. A. Aura, Hibbing, Minn. Needle and thread end holder and cutter. 2,223,248; Nov. 26.
Frisk, Oscar E., Minneapolis, Minn. Mason's line anchoring device. 2,215,663; Sept. 24.
Fritch, William M., Jasper, Ind. Typewriter desk mount. 2,200,919; May 14.
Frith, Basil M., and G. E. Gwynne-Craig, Vancouver, British Columbia, Canada. Vending machine. 2,201,722; May 21.
Fritsch, Frederick P. (See Olin, J. F., and Fritsch.)
Fritsche, Albert C., assignor of one-half to G. L. Ratcliffe, Los Angeles, Calif. Method and means for testing wells. 2,216,268; Oct. 1.
Fritschi, Charles, Riverside, Conn. Method and apparatus for producing stereotype matrices. 2,210,578; Aug. 6.
Fritts, Kenneth M., Franklin, Pa., assignor to Joy Fastener Company. Coiling and nesting device for flexible strip material. 2,220,481; Nov. 5.
Fritz, A. E. (See Jungbauer, Frank L., assignor.)
Fritz, John J., Bradford, Pa. Antislipping shoe. 2,189,489; Feb. 6.
Fritz, Karl, Neubabelsberg, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Magnetron. 2,187,149; Jan. 16.
Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Push-pull tube arrangement. 2,187,775; Jan. 23.
Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Adjustable two-pole capacitive coupler. 2,189,284; Feb. 6.
Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electromagnetic microwave system. 2,197,338; Apr. 16.
Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge device. 2,198,334; Apr. 23.
Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulation. 2,216,940; Oct. 8.
Fritz, Walter. (See Wilcken, K., Kliempt, Fritz, and Heck.)
Fritz, William A., Columbus, Ohio. Closure for collapsible tubes. 2,189,343; Feb. 6.
Fritz, William D., assignor of one-half to Quality Park Envelope Co., St. Paul, Minn. Adjustable envelope fastener. 2,192,374; Mar. 5.
Fritz, William D., Minneapolis, assignor of one-half to Quality Park Envelope Co., St. Paul, Minn. Adjustable lock for expandible portfolios. 2,216,910; Oct. 8.
Fritze, Otto, Berin, and A. Ruttenauer, Berlin-Halensee, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,195,517; Apr. 2.
Fritzinger, George H., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph record resurfacing machine. 2,192,597; Mar. 5.
Fritzinger, George H., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph record resurfacing machine. 2,209,834; July 30.
Fritzinger, George H., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electrical control system. 2,222,173; Nov. 19.
Fritzsch, Theodore N., Johnstown, Pa. Resilient car wheel. 2,199,287; Apr. 30.
Fritzsch, Theodore N., Johnstown, Pa. Truck. 2,218,261; Oct. 15.
Fritzsch, Theodore N., Johnstown, Pa. Truck. 2,218,262; Oct. 15.
Fritzsche, Paul. (See Bockmühl, M., Middendorf, and Fritzsche.)
Fritzsche, Paul. (See Fehrle, A., and Fritzsche.)
Friz, Adolf, Stuttgart, Germany. Machine for the gluing together of the edges of veneer sheets. Re. 21,593; Oct. 8.
Friz, Clyde N., Baltimore, Md. Garage construction. 2,218,676; Oct. 22.
Froehlich, Alfred. (See Wilmanns, G., Schneider, and Froehlich.)
Froelich, George E., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Mobile dental unit. 2,209,294; July 23.
Froelich, George E., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Stirrup device for physician's examining table or the like. 2,223,784; Dec. 3.
Froelich, Herman C. (See Swinehart, C. F., and Froelich.)
Froelich, Herman C., Cleveland, assignor to The Harshaw Chemical Company, Elyria, Ohio. Manufacture of luminescent materials. 2,206,280; July 2.
Froeschl, Otto P. and P. A., Kansas City, Mo. Ratchet mechanism. 2,201,827; May 21.
Froeschl, Paul A. (See Froeschl, Otto P. and P. A.)
Fröhlich, Alfred. (See Eggert, J., and Fröhlich.)
Fröhlich, Alfred. (See Schneider, W., and Fröhlich.)
Fröhlich, Alfred. (See Wilmanns, G., Kumetat, Frölich, Schneider, and Brodersen.)
Frohmann, Ernst. (See Krams, Josef, assignor.)
Frohnert, Gustav, Washington, D. C. Paint brush attachment. 2,199,154; Apr. 30.
Froio, Giuseppe. (See Klein, P. J., and Froio.)
Froland, Olav, assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical switch. 2,185,729; Jan. 2.
Froland, Olav, assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical switch. 2,203,350; June 4.
Froland, Olav, assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical switch. 2,203,351; June 4.
Frölich, Alfred. (See Wilmanns, G., Schneider, and Fröhlich.)
Frölich, Alfred. (See Wilmanns, G. Seiglitz, and Fröhlich.)
Frölich, Alfred and W. Schneider, Dessau, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Photographic silver halide emulsions. 2,186,719; Jan. 9.
Frolich, Per K., Westfield, N. J., assignor to Standard Oil Development Company. Naphthenic acid-modified alkyd resin. 2,209,198; July 23.
Frolich, Per K., Westfield, N. J., assignor to Standard Oil Development Company. Lubricating composition. 2,224,541; Dec. 10.
Frolov, Boris A., assignor to Shell Development Company, San Francisco, Calif. Sweetening of hydrocarbon distillates. 2,213,801; Sept. 3.
Fromm, Herbert, Hamburg, Wis. Fruit juice extractor. 2,186,671; Jan. 9.
Fromm, Herbert, Hamburg, Wis. Juice extractor. 2,186,672; Jan. 9.
Fromm, Herbert, London, England. Apparatus for applying medicaments, particularly into cavities of the human body. 2,197,689; Apr. 16.
Frommer, Bernard. (See Golub, S., and Frommer.)
Frosst, John B. (See Findlay, Albert, assignor.)
Frost, Albert G., Philadelphia, Pa., assignor to The Esterbrook Steel Pen Manufacturing Company, Camden, N. J. Manufacture of metal writing pens. 2,196,207; Apr. 9.
Frost, Alfred W., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Roll for handling paper. 2,218,817; Oct. 22.
Frost, Clayton H. (See Lozier, M., and Frost.)
Frost, Edward J., trustee. (See Koppen, Otto C., assignor.)
Frost, George E. (See Berkley, E. E., and Frost.)
Frost Insecticide Company. (See Twombly, William A., assignor.)
Frost, Norman B. (See Vickers, H. F., and Frost.)
Frost, Paul. (See Lingg, A., and Frost.)
Frost, Paul, Munich-Neuharlaching, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Automatic setting device for shutters and diaphragms of photographic apparatus. 2,226,602; Dec. 31.
Frost, Paul, Munich-Neuharlaching, and F. Biedermann, Munich, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Camera with exposure meter. 2,217,861; Oct. 15.
Frost, Russell E., Oakland, Calif. Signal controlling means. 2,191,563; Feb. 27.
Frost, Sidney S., Eastport, Maine, assignor of forty-one-hundredths to M. K. Murphy, Detroit, Mich. Heat treating steel. 2,216,192; Oct. 1.
Frova, Giovanni, Milan, Italy. Fruit pitting machine. 2,188,181; Jan. 23.
Frucht, Nathaniel, Providence, R. I. Binder. 2,193,168; Mar. 12.
Fruedenberger, Heinrich. (See Starck, W., and Freudenberger.)
Frueh, Lloyd W., Lakewood, Ohio. Saddle. 2,208,303; July 16.
Fruehauf Trailer Company. (See Reid, Frederick M., assignor.)
Fruhling, Fred H. (See Fogg, J. W., and Fruhling.)
Fruit Growers Express Company. (See Sweeley, Edward A., assignor.)
Fruit Treating Corporation. (See Willard, Charles A., assignor.)
Fruns, José, Mexico, D. F., Mexico. Locking device for motor vehicles. 2,222,900; Nov. 26.
Frush, Roy C., Adel, Iowa. Weed removing attachment for lawn mowers. 2,193,276; Mar. 12.
Fruth, Hal F., assignor, by mesne assignments, to P. R. Mallory & Co., Indianapolis, Ind. Electrolytic condenser. 2,224,150; Dec. 10.
Fry, Benjamin W. (See Gottfried, J., and Fry.)
Fry, Benjamin W., University City, Mo. Magazine. 2,205,192; June 18.

Fry, Benjamin W. and J. Gottfried, assignors to National Slug Rejectors, Inc., St. Louis, Mo. Vending machine. 2,186,861; Jan. 9.
Fry, Benjamin W. and J. Gottfried, assignors to National Slug Rejectors, Inc., St. Louis, Mo. Coin selector. 2,186,862; Jan. 9.
Fry, Lawrence A., assignor to Bireley's Incorporated, Los Angeles, Calif. Temperature control means. 2,190,232; Feb. 13.
Fry, Lawrence A., assignor to Bireley's Incorporated, Los Angeles, Calif. Method and apparatus for recovering valuable constituents from citrus fruit. 2,212,066; Aug. 20.
Fry, Murrel B., Dayton, Ohio. Eave trough protector. 2,219,953; Oct. 29.
Fry, William A., assignor to The Dow Chemical Company, Midland, Mich. Treatment of wells. 2,217,676; Oct. 15.
Fry, William H., Kansas City, Mo. Swing. 2,200,881; May 14.
Fryar, Paul J., Berkeley Park, assignor to Union Oil Company of California, Los Angeles, Calif. Asphalt and producing the same. 2,201,396; May 21.
Frye, Robert S. (See Tabern, D. L., Moore, Robinson, Frye, and Rundell.)
Fryer, Arthur L., Laguna Beach, Calif. Friction catch. 2,185,503; Jan. 2.
Fryer, Charles M., Piedmont, Calif. Bit. 2,193,451; Mar. 12.
Fryer, Louis S., Cleveland, and L. E. Lovett, Cleveland Heights, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Tension controlling apparatus. 2,217,862; Oct. 15.
Fryfogle, George, Mount Pleasant, Mich. Reversible clutch mechanism. 2,194,015; Mar. 15.
Frymoyer, Webster W. (See Macdonald, W. S., and Frymoyer.)
Frymoyer, Webster W., assignor to The Foxboro Company, Foxboro, Mass. Telemetric system. 2,188,100; Jan. 23.
Fuchs, Anton, assignor to H. Rommler Aktiengesellschaft, Nieder-Lautitz, Spremberg Germany. Device for heating tablets of resinous molding compositions. 2,223,034; Nov. 26.
Fuchs, Harry B., Brooklyn, N. Y. Automatic volume control. 2,222,432; Nov. 19.
Fuchs, Henry O. (See Rossman, E. F., Fuchs, and Burton.)
Fuchs, Henry O., assignor to General Motors Corporation, Detroit, Mich. Steering linkage. 2,186,287; Jan. 9.
Fuehrer, George H., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Centralizer for drill steels. 2,204,352; June 11.
Fuehrer, George H., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Centralizer for drill steels. 2,214,789; Sept. 17.
Fuel Refining Corporation. (See Otto, Carl, assignor.)
Fuel Refining Corporation. (See (Otto, C., assignor) and Grasshoff.)
Fuel Refining Corporation. (See Staeckel, Walter, assignor.)
Fuel Research Development Corporation. (See Snyder, Frederick T., assignor.)
Fuhrer, Raymond A., Penn Township, Allegheny County, Pa. Automobile control. 2,210,237; Aug. 6.
Fuhringer, Marie. (See Burian, Henry, assignor.)
Fuhrman, Albert C., Canton, Ohio. Floating wheel. 2,194,975; Mar. 26.
Fuhrman, Albert C., Canton, Ohio. Dual wheel assembly. 2,214,457; Sept. 10.
Fuhringer, Joseph. (See Seitz, John H., assignor.)
Fuhrmann, Philip H. (See Giles, William T., assignor.)
Fujimoto, Saburo, Honolulu, Hawaii. Inclinometer. 2,189,516; Feb. 6.
Fulcher, Gordon S., assignor to Corhart Refractories Company, Louisville, Ky. Cast refractory block and producing the same. 2,201,723; May 21.
Fuld, Melvin, Baltimore, Md. Receptacle and manner of supporting the same. 2,201,530; May 21.
Fulenwider, Vance, assignor of fifty-one one-hundredths to J. E. Parr, Jonesboro, Ark. Safety razor. 2,198,531; Apr. 23.
Fulk, George L., deceased, by M. L. Fulk, executrix, San Francisco, Calif., assignor, by mesne assignments, to J. B. Fulk. Machine and method for making manifold forms. 2,209,692; July 30.
Fulk, James B. (See Fulk, George L., assignor.)
Fulk, James B., Norwalk, Ohio. Maintaining manifold forms in registration. 2,188,347; Jan. 30.
Fulk, Minnie L., executrix. (See Fulk, George L.)
Fulkerson, Elmer M. and J. C., Sonora, Ky. Motor truck lime spreader. 2,200,165; May 7.
Fulkerson, Jesse C. (See Fulkerson, Elmer M. and J. C.)
Fuller Brush Company, The. (See Cave, Henry, assignor.)
Fuller Company. (See Vogel-Jorgensen, Mikael, assignor.)
Fuller, Cyril C., Toronto, Ontario, Canada. Display card. 2,212,596; Aug. 27.
Fuller, Everett W. (See Hamilton, L. A., and Fuller.)
Fuller, Everett W. (See Story, B. W., and Fuller.)
Fuller, Everett W., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Stabilized mineral oil composition. 2,196,963; Apr. 9.
Fuller, Everett W., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Stabilized mineral oil composition. 2,218,283; Oct. 15.
Fuller, Everett W., Woodbury, and L. A. Hamilton, Wenonah, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,223,411; Dec. 3.
Fuller, Frank. (See Kroenke, R. J., and Fuller.)
Fuller, Frederick L., West Orange, N. J., assignor to International Business Machines Corporation, New York, N. Y. Printing and punching machine. 2,189,027; Feb. 6.
Fuller, Frederick L., West Orange, N. J., assignor to International Business Machines Corporation, New York, N. Y. Stop device for sorting drums. 2,195,858; Apr. 2.
Fuller, Frederic B. (See Guibert, F. W., and Fuller.)
Fuller, Frederick L., West Orange, N. J., and H. S. Beattie, assignors to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,199,561; May 7.
Fuller, George, Buffalo, N. Y. Golf club. 2,217,338; Oct. 8.
Fuller, Hester P., et al. (See Parker, George M., assignor.)
Fuller, John S., Tulsa, Okla., assignor to Oil Well Supply Company, Dallas, Tex. Pumping apparatus. 2,189,893; Feb. 13.
Fuller, Leslie L., Goldfields, Saskatchewan, Canada. Oral massaging device. 2,217,439; Oct. 8.
Fuller, Parrish, et al. (See Parker, George M., assignor.)
Fuller, Richard B., assignor to Phelps Dodge Corporation, New York, N. Y. Prefabricated bathroom. 2,220,482; Nov. 5.
Fuller, Richard S., Jr., Monahans, Tex. Crab and minnow trap. 2,218,843; Oct. 22.
Fuller, Thomas J. D., Jr., Cambridge, Mass. Hanging type of edge illuminated signs. 2,206,866; July 9.
Fuller, Wayne C., Seattle, Wash. Sweatproof masonry wall. 2,205,404; June 25.
Fullerton, Herbert S., Philadelphia, Pa., assignor, by mesne assignments, to The Baldwin Locomotive Works. Fatigue testing machine. 2,215,958; Sept. 24.
Fullerton, Robert H., assignor, by mesne assignments, to International Photo Copy Inc., St. Paul, Minn. Portable photocopy machine. 2,223,148; Nov. 26.
Fullerton, Robert H., assignor, by mesne assignments, to International Photo Copy Inc., St. Paul, Minn. Developer for photocopying machines. 2,223,208; Nov. 26.
Fullerton, William O., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Swithboard cord reel. 2,194,933; Mar. 26.
Fullgage Deflecting Tool Company. (See Brock, J. D., Leissler, and Warren, assignors.)
Fullilove, Jack P., Shreveport, La. Insecticide dispenser. 2,213,491; Sept. 3.
Fulton, Claude C., St. Louis, Mo. Weed fender or guard for mowing machines and the like. 2,216,313; Oct. 1.
Fulton Company, The. (See Thorp, Joel R., assignor.)
Fulton, Donald A., Santa Monica, Calif. Rotary pump. 2,198,382; Apr. 23.
Fulton, George J. (See Raney, Arthur M., assignor.)
Fulton, James W., Waukegan, Ill. Rule gauge. 2,204,353; June 11.
Fulton, Karl H., Jackson Heights, N. Y., and G. L. Ball, Pittsburgh, Pa., assignors to Combustion Utilities Corporation, New York, N. Y. Varnish and making the same. 2,207,432; July 9.
Fulton Manufacturing Corporation. (See Williams, Robert G., assignor.)
Fulton, Mervin J., Tulare, Calif. Pumping mechanism. 2,210,401; Aug. 6.
Fulton Novelty Co. (See Megdall, Sanford B., assignor.)
Fulton, Stewart C., Elizabeth, N. J., assignor to Standard Oil Development Company. Lubricating oil composition. 2,225,430; Dec. 17.
Fulton, Stewart C., Elizabeth, N. J., and T. Cross, Jr., Baton Rouge, La., assignors to Standard Oil Development Company. Treating hydrocarbons. 2,204,673; June 18.
Fulton Sylphon Company, The. (See Barnes, Norman W., assignor.)
Fulton Sylphon Company, The. (See Dube, John E., assignor.)
Fulton Sylphon Company, The. (See Dube, J. E., and Barnes, assignors.)
Fulton Sylphon Company, The. (See Giesler, Jean V., assignor.)
Fulton Sylphon Company, The. (See Reeder, Frank C., assignor.)
Fumagalli, Charles, Guatemala City, Guatemala. Controller for battery charging apparatus. 2,204,101; June 11.
Funcke, Carl, Osterronfeld, near Kiel, assignor of one-half to M. Muller, Ottweiler-Saar, Germany. Perforating device. 2,202,198; May 28.
Funderburk, Otis C. (See Reichhelm, G. L., Holm, Kane, and Funderburk.)
Funk, Carl W., Minneapolis, Minn. Dishwashing apparatus. 2,211,007; Aug. 13.
Funk, Robert V. (See Ennis, George H., assignor.)
Funk, Truman B., assignor to "Yard-Man", Inc., Jackson, Mich. Antiwind construction for lawn mower reels. 2,196,149; Apr. 2.

Funk, William H. (See Schratz, G. J., and Funk.)
Fuqua, Clara L. W., Brownsville, Tex. Sanitary applicator for dogs. 2,190,115; Feb. 13.
Furay, Carl N., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Liquid cooled engine cylinder. 2,186,784; Jan. 9.
Furber, Henry J., Washington, D. C. Calculating mechanism. 2,190,710; Feb. 20.
Furby, Robert L., Oswego, Oreg. Automatic liquid proportioner. 2,188,040; Jan. 23.
Furgiuele, Richard, Mentcle, Pa. Nut for stringed musical instruments. 2,214,957; Sept. 17.
Furman, Eugene C., assignor of one-half to E. F. Heard, Hampton, Va. Metal gasket and provision for extending the life thereof. 2,200,546; May 14.
Furman, Frank J. (See Mills, A. W., and Furman.)
Furman, Harry A. (See Polin, Herbert S., assignor.)
Furnace Controls Limited. (See Trethewey, William B., assignor.)
Furnas Electric Company. (See (Furnas, W. C., assignor), and Hansen.)
Furnas, William C., West Allis, Wis. Switch mechanism. 2,193,126; Mar. 12.
Furnas, William C., and G. H. Hansen; said Hansen assignor to said Furnas, a sole trader doing business as Furnas Electric Company, West Allis, Wis. Switch assembly. 2,193,127; Mar. 12.
Furness, Reginald, and H. J. Wheaton, Lower Walton, assignors to Joseph Crosfield & Sons Limited, Warrington, England. Lime-zeolite water-softening process. 2,206,691; July 2.
Furness, William H., assignor to American Rayon Company, Inc., Riverton, N. J. Treating cotton materials. 2,201,262; May 21.
Furness, William H., assignor to American Rayon Company, Inc., Riverton, N. J. Cuproammonium rayon manufacture. 2,225,431; Dec. 17.
Furr, Dewey O. (See Hill, H., and Furr.)
Furr, Walter E., Franklin, N. C. Sterilizer for hypodermic syringes. 2,219,417; Oct. 29.
Fürst, Stefan. (See Reiners, W., Kahlisch, and Fürst.)
Fusca, Emil A. (See Bole, R. D., and Fusca.)
Fuscaldo, Frank, Chicago, Ill. Hair curler. 2,195,300; Mar. 26.
Fusco, Carlo. (See Garzilli, F., and Fusco.)
Fuse Indicator Corporation. (See Linton, William C., assignor.)
Fusella, Joseph A., New York, N. Y. Remote control. 2,208,364; July 16.
Fuss, Conrad, Lincoln, Nebr. Adjustable stadium-seat bracket. 2,211,374; Aug. 13.
Fuss, George R., Philadelphia, Pa. Illumination means for handbags and the like. 2,187,308; Jan. 16.
Fussell, Thomas D., Jr., Atlanta, Ga. Hydraulic brake. 2,197,452; Apr. 16.
Fuston, Edith. (See Kirby, Isaac, assignor.)
Futo, Andor, Budapest, Hungary, assignor to Ellis Corporation Patents & Investments Limited, London, England. Making fuel briquettes, and binding agent suitable therefor. 2,207,459; July 9.
Futran, Simon, Berlin-Neuenhagen, assignor to A. Hirschberg, Berlin, Germany. Locking system. 2,219,866; Oct. 29.
Futter, Charles J. (See Herzog, E. W., and Futter.)
Fyfe, Charles E., Cedarhurst, N. Y. Lock. 2,203,819; June 11.
Fyler, George W., Stratford, Conn., assignor to General Electric Company. High frequency circuits. 2,190,513; Feb. 13
Fyler, George W., Stratford, Conn., assignor to General Electric Company. Radio receiver. 2,222,709; Nov. 26.
Fyler, George W., Stratford, Conn., assignor to General Electric Company. Tone control. 2,225,337; Dec. 17.
Fyr-Fyter Company, The. (See Iddings, Roscoe C., assignor.)
Fyske, Mitchell L. (See Bager, W. M., Fyske, and Mork.)
G & A Laboratories, Inc. (See Hasselstrom, Torsten, assignor.)
G. B. G. Corporation. (See Graf, Elmer J., assignor.)
G. C. A. Manufacturing Co., The. (See Grinnell, Harold D., assignor.)
G. & G. Precision Works, Inc. (See Goldberg, G., and Graf, assignors.)
G-M Laboratories, Inc. (See McMaster, Archie J., assignor.)
G. M. S. Corporation. (See Sloan, Theodore H., assignor.)
G & W Electric Specialty Co. (See Papp, A. E., and Winks, assignors.)
Gaal, Andreas. (See Lorenz, A., and Gaal.)
Gabel, Arnold R. (See Stoesser, S. M., and Gabel.)
Gabel, John, Manufacturing Company, The. (See Mueller, Emil C., assignor.)
Gable, Charles E., Detroit, Mich. Toy block and puzzle. 2,201,724; May 21.
Gabler, Johann, deceased; S. Gabler, sole heir, Ettlingen, Germany, assignor to F. C. Huyck & Sons, Rensselaer N. Y. Flexible gripper member for needle looms. 2,191,376; Feb. 20.
Gabler, Johann, deceased; S. Gabler, sole heir, Ettlingen, Germany, assignor to F. C. Huyck & Sons, Rensselaer, N. Y. Cutter mechanism for needle looms. 2,205,623; June 25.
Gabler, Sophie, sole heir. (See Gabler, Johann.)
Gabor, Dennis, Rugby, England, assignor to General Electric Company. Cathode ray tube. 2,197,523; Apr. 16.
Gabor, Dennis, Rugby, England, assignor to General Electric Company. Cathode ray tube. 2,212,396; Aug. 20.
Gabor, Dennis, and L. Rushforth, Rugby, England, assignors to General Electric Company. Cathode ray tube. 2,185,807; Jan. 2.
Gabriel Company, The. (See Beecher, Eugene L., assignor.)
Gabriel, Gustave O., assignor to Taylor-Winfield Corporation, Warren, Ohio. Metal working machine and method. 2,215,369; Sept. 17.
Gabriel, John. (See Berndt, Alexander J., assignor.)
Gabriel, Wilhelm. (See Fischer, Ernst and J., and Gabriel, Lintzel, and Meuke.)
Gabriel, William A., Oakland, assignor to Sanitary Vending Company. San Francisco, Calif. Liquid dispenser. 2,198,811; Apr. 30.
Gabrielsen, Christian, Belleville, N. J., assignor to Rowe Manufacturing Co., Inc., New York, N. Y. Coin operated vending machine. 2,215,642; Sept. 24.
Gabrielson, Samuel, South Lynnfield, Mass., assignor to General Electric Company. Parking meter. 2,221,578; Nov. 12.
Gabrilovitch, Leonide, Paris, France. Antiparasite filter for radio receivers. 2,220,443; Nov. 5.
Gabritsch, Martin, Canon City, Colo. Lighter. 2,211,500; Aug. 13.
Gadd, Edward, et al. (See Hazey, George W., assignor.)
Gadd, William E., East Orange, N. J., assignor to Poor & Company, New York, N. Y. Bolt tension measuring instrument. 2,224,782; Dec. 10.
Gaddoni, Louis, New Rochelle, N. Y. Hydraulic transmission mechanism. 2,207,538; July 9.
Gaddoni, Louis, New Rochelle, N. Y. Automatic hydraulic clutch mechanism. 2,213,836; Sept. 3.
Gade, Harald F., Philadelphia, assignor to Standard Pressed Steel Co., Jenkintown, Pa. Socketed cap screw and producing same. 2,213,630; Sept. 3.
Gadke, William, Philadelphia, Pa. Marble shooter. 2,195,838; Apr. 2.
Gadoux, Eugéne, La Frette, and L. Crousse, Paris, France. Engine and propeller. 2,201,893; May 21.
Gaebel, Alfred. (See Baier, P., Gaebel, and Löpp.)
Gaebel, Arthur H., Larchmont, N. Y. Apparatus for preparing photoengraving plates. 2,218,165; Oct. 15.
Gaebel, George T., assignor of seventy-five per cent to S. Herbrick, Omaha, Nebr. Polishing means. 2,208,793; July 23.
Gaede, Wolfgang, Karlsruhe, assignor to E. Leybold's Nachfolger Kommandit-Gesellschaft, Cologne-Bayental, Germany. Method of and apparatus for drawing gaseous fluids from receptacles. 2,191,345; Feb 20
Gaedig, Otto J. (See Engle, H. J., Gaedig, Henneberry, and Uhles.)
Gaertner, Frederick J., Maplewood, N. J. Jewelry setting. 2,200,841; May 14.
Gaertner, Moritz, New York, N. Y. Method of and apparatus for purifying oil. 2,207,399; July 9.
Gaess, Albert H., Waterbury, Conn. Apparatus for forming metal slugs. Re. 21,315; Jan. 9.
Gaffney, Charles E., Lexington, Mass. Electric door latch opener. 2,218,038; Oct. 15.
Gage, Frederick. (See Muskat, I. E., and Gage.)
Gage, William P., Deer Park, Tex., assignor to Shell Development Company, San Francisco, Calif. Removal of sulphuric acid compounds from hydrocarbon oils. 2,193,417; Mar. 12.
Gage, William P., Deer Park, Tex., and R. M. Deanesly, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Phosphoric polymerization in the absence of oxygen. 2,216,552; Oct. 1.
Gagen, Thomas H., assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Locking box. 2,185,764; Jan. 2
Gagen, Thomas H., assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Fastener. 2,226,603; Dec. 31.
Gagne, Alfred, Hartford, Conn. Tappet adjusting tool. 2,194,069; Mar. 19.
Gagné, Augustin. (See Lawson, R. H., and Gagné.)
Gagne, Gideon R., assignor to Snap-On Tools, Inc., Kenosha, Wis. Tool handle joint and the like. 2,196,297; Apr. 9.
Gagnebin, Albert P., Fair Haven, N. J., assignor to The International Nickel Company, Inc., New York, N. Y. Producing cast steels. 2,204,585; June 18.
Gagnier, George E. (See Place, Bion C., assignor.)
Gagnon, Joseph X., Aldenville, assignor to The Standard Corset Company, Holyoke, Mass. Corset or the like. 2,218,747; Oct. 22.
Gagnon, Louis L., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,216,613; Oct. 1.
Gagnon, Louis L., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,223,607; Dec. 3.
Gahagan, Andrew J., assignor to The Beryllium Corporation, New York, N. Y. Production of alloys of beryllium and copper. 2,193,482; Mar. 12.
Gahagan, John. (See Wagner, H. A., and Gahagan.)
Gahm, Frank, Pasadena, Calif. Transmission for invalid beds. 2,185,296; Jan. 2.
Gahm, S. Bernard. (See Bittson, Anthony J., assignor.)

Gahm, Samuel B., Queens Village, N. Y. Motor driven pump. 2,215,873; Sept. 24.
Gahm, Samuel B., Queens Village, N. Y. Motor and transmission therefor. 2,218,573; Oct. 22.
Gaidos, Alonzo F., Redwood City, Calif. Support. 2,204,013; June 11.
Gaimari, Angelo, Chicago, Ill. Eraser feeding mechanism. 2,198,335; Apr. 23.
Gaines, Earl F., and W. C. Lippert, Milwaukee, Wis. Window. 2,217,543; Oct. 8.
Gaines, Edmund P., Columbia, S. C. Air conditioning device. 2,209,263; July 23.
Gaines, Eugene F., deceased, by J. S. Gaines, administratrix, Bala, Pa. Stocking. 2,190,560; Feb. 13,
Gaines, Eugene F., deceased, Bala, Pa.; J. S. Gaines, administratrix. Fastener. 2,199,913; May 7.
Gaines, Frederick W., 3rd, Cleveland Heights, assignor to The Ajax Manufacturing Company, Euclid, Ohio. Wire-drawing machine. 2,226,400; Dec. 24.
Gaines, Jean S., administratrix. (See Gaines, Eugene F.)
Gaines, John M., Jr. (See Vaughn, T. H., Lytle, and Gaines.)
Gaines, John M., Jr., Kenmore, N. Y., assignor to The Linde Air Products Company. Removing metal from metallic bodies. 2,210,402; Aug. 6.
Gair, Robert, Company. (See Backert, Earl W., assignor.)
Gair, Robert, Company. (See Weiss, A. J., and Rossi, assignors.)
Gairing, Emil, assignor to The Gairing Tool Company, Detroit, Mich. Automatic nonstop longitudinal and lateral multiple-operation tool. 2,195,645; Apr. 2.
Gairing Tool Company, The. (See Gairing, Emil, assignor.)
Gaiser, John, near Centerville, Ohio. Tractor plow. 2,198,869; Apr. 30.
Gaitzsch, Friedrich, Chemnitz, Germany. Machine tool. 2,204,485; June 11.
Galante, Ermanno, Woburn, Mass. Corner piece for frames. 2,203,987; June 11.
Galat, Alexander, Bronx, assignor to The Denver Chemical Manufacturing Company, New York, N. Y. Dry reagent for testing. 2,210,579; Aug. 6.
Galatas, Richard T., et al. (See Madsen, Carl A., assignor.)
Galban y Carlo, Juan, Habana, Cuba. Frying apparatus. 2,196,353; Apr. 9.
Galber, Harry, assignor to I. F. Laucks, Inc., Seattle, Wash. Apparatus for grooving rubber applicator rolls. 2,188,456; Jan. 30.
Galbraith, Ralph A., L. H. Sampson, and D. E. F. Thomas, assignors to The Detroit Edison Company, Detroit, Mich. Tester for insulation tracking. 2,192,286; Mar. 5.
Galbreath, Frank R. (See Maynard, James, assignor.)
Galbrecht, Frank I. (See Sabel, E. R., and Galbrecht.)
Gale, Leonard, Jackson Heights, N. Y. Golf teeing device. 2,212,877; Aug. 27.
Gale, Rowland A., New York, N. Y. Temperature control apparatus. 2,199,071; Apr. 30.
Galey, Henry J., Tarentum, Pa., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Window construction. 2,205,523; June 25.
Galey, Henry J., Tarentum, assignor to Norbert S. Garbisch, Butler, Pa. Forming ceramic bodies. 2,215,214; Sept. 17.
Galindo, Luis, Santiago, Chile. Vehicle wheel. 2,210,451; Aug. 6.
Galinis, Joseph W. (See Moir, W. B., and Galinis.)
Galion Iron Works & Manufacturing Company, The. (See Arndt, Franklin E., assignor.)
Galion Iron Works and Manufacturing Company, The. (See Keeler, Raymond W., assignor.)
Galion Metallic Vault Company, The. (See Biszantz, Fred, assignor.)
Galkin, Arthur S., Providence, R. I. Mat structure. 2,225,107; Dec. 17.
Galkin, Joseph, New York, N. Y. Pinking and stitching machine. 2,197,496; Apr. 16.
Gall, Bernardus O. M., and J. B. Hugenholtz, Eindhoven, Netherlands, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge tube. 2,191,884; Feb. 27.
Gall, Robert L. B. (See Webb, Kevin W. C., assignor.)
Gallagher, Charles J. (See Reese, Myron W., assignor.)
Gallagher, Clarence C., Detroit, Mich. Rope clamp. 2,217,400; Oct. 8.
Gallagher, Clarence C., Detroit, Mich. Wire rope clamp. 2,225,169; Dec. 17.
Gallagher, Clarence J., Gridley, Kans. Fishing tool. 2,201,434; May 21.
Gallagher, Francis E., assignor to Behr-Manning Corporation, Troy, N. Y. Making flexible abrasives. 2,198,766; Apr. 30.
Gallagher, Frank, Youngstown, Ohio. Steam applying device. 2,226,426; Dec. 24.
Gallagher, John J., Denver, Colo., assignor to Poor & Company, New York, N. Y. Joint equalizer spring. 2,204,304; June 11.
Gallagher, John P., Jersey City, N. J., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Apparatus for die pressing metal plates. 2,186,288; Jan. 9.
Gallagher, John P., Jersey City, N. J., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Car end interlock. 2,187,776; Jan. 23.
Gallagher, Michael J., Kingston, N. Y. Outlet box securing means. 2,223,910; Dec. 3.
Galland-Henning Mfg. Co. (See Peterman, William A., assignor.)
Gallant, Louis C., and C. Nouvellon, Paris, France, assignors to International Standard Electric Corporation, New York, N. Y. Radio direction finder. 2,215,785; Sept. 24.
Gallasch, George B. (See Diggins, B. A., and Gallasch.)
Gallasch, George B., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Microscope. 2,214,367; Sept. 10.
Gallasch, George B., H. F. Kurtz, Rochester, and C. H. O. Wittig, Irondequoit, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Microscope. Re. 21,587; Oct. 1.
Gallasch, George B., and H. F. Kurtz, Rochester, and C. H. O. Wittig, Irondequoit, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Microscope. 2,208,839; July 23.
Gallay, Wilfred. (See Pitt, N. P., and Gallay.)
Galle, Jean B. P. H., Sceaux, assignor to Société Anonyme: Jaeger-Aviation, Levallois-Perret (Seine), France. Aerial navigation means. 2,199,819; May 7.
Gallien, Napoleon, Jr., Opelonsas, La. Ring removing device. 2,222,744; Nov. 26.
Galligan, James J., Providence, R. I., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Rubber article. 2,191,910; Feb. 27.
Galligan, Thomas E., assignor to Knapp-Monarch Company, St. Louis, Mo. Heating element winding machine. 2,187,267; Jan. 16.
Gallinger, Hiram B., Superior, Wis. Combination door catch and lock. 2,192,261; Mar. 5.
Gallinger, Hiram B., Superior, Wis. Door closer. 2,199,628; May 7.
Gallinger, Milo O., Hartland, Mich., assignor to J. R. Crouse, Cleveland Heights, Ohio, doing business as Cromaine Crafts, Hartland, Mich. Hand loom. 2,193,558; Mar. 12.
Galliot, Norbert J. A., Vaucresson, France. Propelling device for vehicles. 2,224,260; Dec. 10.
Galliot, Norbert J. A., Vaucresson, and J. A. V. A. Chable, Paris, France. Recoil absorber for firearms. 2,191,648; Feb. 27.
Galliot, Norbert J. A., Vaucresson, and J. A. V. A. Chable, Paris, France. Recoil absorber for firearms. 2,223,014; Nov. 26.
Gallo, John W., Mineola, N. Y., assignor of one-half to L. H. Segel, Everett, Mass. Velocipede. 2,197,658; Apr. 16.
Gallo, Salvatore F., et al. (See Morrone, William, assignor.)
Gallot, Charles, and A. Alpaugh, Milwaukee, Wis. Fence charging device. 2,202,691; May 28.
Galloway, Cecil M. (See Mills, L. E., and Galloway.)
Galloway, Cecil M., assignor to The Dow Chemical Company, Midland, Mich. Nitro-tertiary-alkyl-phenols. 2,207,727; July 16.
Galloway, Charles D., Wyndmoor, Pa. Pressure-casting apparatus. 2,209,882; July 30.
Galloway, Charles D., Wyndmoor, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Casting. 2,210,544; Aug. 6.
Galloway, Clarence T., assignor to Gleason Works, Rochester, N. Y. Cutter sharpener. 2,224,959; Dec. 17.
Galloway, James W., Cedar Falls, Iowa. Thermostat. 2,193,588; Mar. 12.
Gallup, George B., Bradenton, Fla., assignor of one-half to E. S. Lang, Rome, N. Y. Astronomical device. 2,188,041; Jan. 23.
Gallusser, Hans, Geneva, Switzerland. Reduction of oxides. 2,191,377; Feb. 20.
Gálocsy, Zsigmond. (See Koller, K., and Gálocsy.)
Galson, Henry L., assignor to Carrier Corporation, Syracuse, N. Y. Gas and liquid contact apparatus. 2,224,221; Dec. 10.
Galstaun, Lionel S. (See Lazar. A., and Galstaun.)
Galter, Jack. (See Pollock, Gordon B., assignor.)
Galter, Jack. (See Wiggins, Edward J., assignor.)
Galter, Jack, Chicago, Ill. Camera. 2,196,604; Apr. 9.
Galter, Jack, Chicago, Ill. Shutter mechanism for cameras. 2,206,532; July 2.
Galter, Jack, Chicago, Ill. Turnable means for camera take-up spools. 2,213,492; Sept. 3.
Galter, Jack, Chicago, Ill. Preventing reverse rotation of camera winding knobs. 2,220,599; Nov. 5.
Galvin Manufacturing Corporation. (See Mydlil, Gus L., assignor.)
Galyon, John W., Springfield, Ill., assignor to Eastman Kodak Company, Rochester, N. Y. Camera lens diaphragm. 2,206,086; July 2.
Gambao, Joseph M. (See Maynard, A. H., and Gambao.)
Gambardella, Vincent, New Haven, Conn. Floor scrubbing, brushing, and polishing machine. 2,222,835; Nov. 26.
Gambill, Raymond C. (See Gambill, William M., assignor.)
Gambill, William M., assignor to R. C. Gambill, Abilene, Tex. Fish lure. 2,219,225; Oct. 22.

Gamble, Edward F., Palo Alto, and F. N. Towle, Los Altos, Calif. Device for automatically maintaining the carbonating agent in carbonated beverages. 2,199,661; May 7.
Gamble, Helen C., New York, N. Y. Multiple bubble blower. 2,213,391; Sept. 3.
Gamble, Hugh A. (See Berry, Charles R., assignor.)
Gamble, John D. (See Lent, L. B., and Gamble.)
Gamble, John D., Forest Hills, N. Y. Lens manufacture. 2,213,958; Sept. 10.
Gamboa, Melquiades J., Manila, P. I. Vehicle tire. 2,208,670; July 23.
Gamewell Company, The. (See Bridges, Frank R., assignor.)
Gamewell Company, The. (See Bridges, F. R., and Weld, assignors.)
Gamewell Company, The. (See Donovan, Arthur C., Jr., assignor.)
Gammeter, John R., assignor of one-half to S. G. Gammeter, Akron, Ohio. Milk bottle capper. 2,193,128; Mar. 12.
Gammeter, John R., Akron, Ohio. Making golf ball cores. 2,201,691; May 21.
Gammeter, John R., Akron, Ohio. Apparatus and method for testing and assorting thin rubber goods. 2,221,323; Nov. 12.
Gammeter, John R., Akron, Ohio, assignor to General Sports, Inc., Chicago, Ill. Apparatus for making playing ball centers. 2,223,019; Nov. 26.
Gammeter, John R., Akron, Ohio. Golf ball. 2,225,213; Dec. 17.
Gammeter, Susan G. (See Gammeter, John R., assignor.)
Gammeter, William F., Cadiz, Ohio. Stock shell. 2,223,682; Dec. 3.
Gamradt, Otto, and A. Magnan, Brainerd, Minn. Trailer hitch. 2,212,517; Aug. 27.
Gams, Alphonse, and G. Widmer, Basel, Switzerland, assignors to firm of Ciba Products Corporation. Manufacture of molded products. 2,199,155; Apr. 30.
Gamzon, Robert. (See Roux, B., Sollima, and Gamzon.)
Ganci, Charles J., Ridgewood, N. Y., assignor to Ward Leonard Electric Company. Resistor unit. 2,221,235; Nov. 12.
Gandini, Alessandro, Monza, Italy. Treatment of silk, and product. 2,196,986; Apr. 16.
Gandrud, Bennie W., Tuscaloosa, Ala. Egg tester. 2,209,077; July 23.
Gandrud, Ebenhard S., Owatonna, Minn. Animal stall. 2,221,046; Nov. 12.
Gandy, Leon, Detroit, Mich. Smoking pipe. 2,222,657; Nov. 26.
Gane and Ingram, Inc. (See Rice, R. V., and Beal, assignors.)
Ganger, Jesse R. (See Williams, P. H., Ganger, Petit, and Davidson.)
Ganger, Jesse R., assignor to The National Cash Register Company, Dayton, Ohio. Carriage for accounting machines. 2,217,221; Oct. 8.
Gangneux, René. (See Kopp, G., and Gangneux.)
Ganner, Gunnar, Lidingo, assignor to Svenska Aktiebolaget Gasaccumulator, Stockholm, Sweden. Apparatus for burning solid fuel. 2,185,581; Jan. 9.
Gannestad, Thor, Pittsburgh, Pa. Valve. 2,209,397; July 30.
Gannett, Chauncey W., assignor to Wellington Machine Company, Wellington, Ohio. Wheel. 2,187,777; Jan. 23.
Gannett, Danforth K., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coupling circuits. 2,199,820; May 7.
Gannon, Russell R. (See Metzger, G., Gannon and Jensen.)
Gano, Harlan S. (See Runke, G. R., and Gano.)
Gano, Harlan S., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,195,004; Mar. 26.
Gano, Harlan S., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,204,409; June 11.
Gano, Orville, Burley, Idaho, assignor to Potato Corporation of Idaho, Garwood, N. J. Steam cooker. 2,185,372; Jan. 2.
Gano, Orville, Burley, Idaho, assignor to Potato Corporation of Idaho, Garwood, N. J. Treatment of potatoes to produce dried mashed potatoes. 2,190,063; Feb. 13.
Ganoung, Florance S., Olean, N. Y. Gaseous tube sign. 2,188,294; Jan. 23.
Gans, Henry B., Jr., Uniontown, Pa., and A. B. Holton, Olmsted Falls, Ohio. Producing esters. 2,197,798; Apr. 23.
Ganter, Edward F., Utica, N. Y. Container. 2,194,143; Mar. 19.
Gantt, T. Kelly. (See Scott, Hallas K., assignor.)
Gantz, William O., Los Angeles, Calif. Method and means for cracking nuts. 2,218,607; Oct. 22.
Ganzer, Hugo, Berlin, Germany. Shoe with a device for preventing and treating flat-footedness. 2,204,410; June 11.
Ganzer, John H., assignor to The Coolerator Company, Duluth, Minn. Refrigerator. 2,201,998; May 28.
Gaquinto, Jerry J., Passaic, N. J. Wheel mounting. 2,227,340; Dec. 31.
Garabrant, Joseph E., Montclair, N. J., assignor to Kearfott Engineering Co., Inc. Dead light. 2,223,170; Nov. 26.
Garabrant, Perry M., Scotch Plains, N. J. Flower bed edging implement. 2,199,072; Apr. 30.
Garand, John C., Springfield, Mass. Extractor for firearms. 2,198,610; Apr. 30.
Garand, John C., Springfield, Mass., assignor to the Government of the United States of America, as represented by the Secretary of War and his successors in office. Gun sight. 2,208,576; July 23.
Garbacz, Albert, Harvey, Ill. Endless chain conveyer. 2,226,853; Dec. 31.
Garbell, Max, assignor to Victor Adding Machine Company, Chicago, Ill. Adding machine. 2,211,891; Aug. 20.
Garbell, Max, assignor to Victor Adding Machine Company, Chicago, Ill. Tens transfer mechanism. 2,212,639; Aug. 27.
Garbisch, Norbert. (See Bair, G. J., and Miller, assignors.)
Garbisch, Norbert S. (See Galey, Henry J., assignor.)
Garbisch, Norbert S., Butler, Pa. Manufacture of ceramic products. 2,215,215; Sept. 17.
Garbisch, Norbert S., Butler, Pa. Compounding material for rubber. 2,220,759; Nov. 5.
Garbsch, Paul. (See Krzikalla, H., Garbsch, and Schoeller.)
Garbutt, Frank A. (See Hatherell, George A., assignor.)
Garbutt, Frank A., Los Angeles, Calif. Apparatus for forming sticks or ribbons of chewing gum or the like. 2,224,430; Dec. 10.
Garcia, Alvaro H., Mexico, D. F., Mexico. Explosive composition. 2,215,608; Sept. 24.
Garcia, Joseph B., San Francisco, Calif. Chair. 2,209,650; July 30.
Garcia, Salvador, Somerset, Mass. Automatic belt turner mechanism. 2,197,659; Apr. 16.
Gard, Earle W., Palos Verdes Estates, and B. G. Aldridge, assignors to Union Oil Company of California, Los Angeles, Calif. Apparatus for mixing fluids. 2,205,089; June 18.
Gard, Earle W., Palos Verdes Estates, and B. G. Aldridge, assignors to Union Oil Company of California, Los Angeles, Calif. Apparatus for mixing fluids. 2,205,090; June 18.
Gard, Earle W., Palos Verdes Estates, and B. G. Aldridge, assignors to Union Oil Company of California, Los Angeles, Calif. Producing asphalt. 2,222,347; Nov. 19.
Gard, Robert A., Charlton City, Mass. Mule spinning device. 2,219,685; Oct. 29.
Garden City Envelope Co. (See Roloff, Arthur L., assignor.)
Garden City Plating & Mfg. Co. (See Krauss, Carl, assignor.)
Garden City Plating & Mfg. Co. (See Kurtzon, George B., assignor.)
Garden Hose Spray Co. (See Gifford, Frank J., assignor.)
Gardiner Coating Machine Company. (See Cummings, James D., assignor.)
Gardiner, Elmslie W. (See Lyman, A. L., and Gardiner.)
Gardiner, Elmslie W., and G. H. Denison, Jr., Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded mineral oil. 2,211,972; Aug. 20.
Gardiner's Conveyors Limited. (See Williams, John L., assignor.)
Gardner, Alfred T. (See Massey, P. J., Gardner, and Piepenburg.)
Gardner, Allen F., Detroit, Mich., assignor to Chicago Rawhide Manufacturing Company, Chicago, Ill. Tie rod boot. 2,197,037; Apr. 16.
Gardner, Anthony J., Barrington, Ill. Filter. 2,187,514; Jan. 16.
Gardner, Bernard C., Springfield Township, Montgomery County, Pa., assignors, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Image analyzing and dissecting tube. 2,200,166; May 7.
Gardner, Bernard C., Philadelphia, Pa., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Depositing fluorescent material. 2,221,474; Nov. 12.
Gardner, Charles H., Jr., Pleasant Grove, Calif. Drill. 2,196,208; Apr. 9.
Gardner, Clarence V., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure producing device. 2,211,652; Aug. 13.
Gardner, Cummings, Los Angeles, Calif., assignor to Rotomotor Corporation, Washington, D. C. Cutting device. 2,198,266; Apr. 23.
Gardner, Cummings, Los Angeles, Calif. Shaving device. 2,218,312; Oct. 15.
Gardner, Daniel, Rueil-Malmaison, France, assignor to Maatschappij voor Thermo-Chemie N. V., Arnheim, Netherlands. Electric furnace. 2,195,453; Apr. 2.
Gardner, David S. (See Gardner, Joseph A. and D. S.)
Gardner, Delbert G., East Millinocket, assignor to Great Northern Paper Company, Millinocket, Maine. Paper calendering apparatus. 2,190,941; Feb. 20.
Gardner-Denver Company. (See Gustafson, Hjalmaer C., assignor.)
Gardner-Denver Company. (See Huffman, Mervin C., assignor.)

Gardner-Denver Company. (See Pearson, Gustav C., assignor.)
Gardner, Edward J., assignor to Gardner Manufacturing Company, Horicon, Wis. Humidifier. 2,187,778; Jan. 23.
Gardner, Edward J., assignor to Gardner Manufacturing Company, Horicon, Wis. Atomizing nozzle. 2,187,779; Jan. 23.
Gardner, Grandison, March Field, Calif., and H. G. Crocker, Langley Field, Va. Sextant. 2,189,790; Feb. 13.
Gardner, Henry A., Chevy Chase, Md., and A. Kirkpatrick, assignors to Monsanto Chemical Company, St. Louis, Mo. Resin composition. 2,187,199; Jan. 16.
Gardner, Howard, and J. F. Jaworowski, Cleveland, Ohio; said Jaworowski assignor to said Gardner. Oscillating motor for signaling devices. 2,226,166; Dec. 24.
Gardner, John, New York, N. Y. Fare registering apparatus. 2,198,611; Apr. 30.
Gardner, Joseph A., Memphis, and D. S. Gardner, Bolivar, Tenn. Knife. 2,191,276; Feb. 20.
Gaudet, Joseph E., Boston, Mass. Curtain fixture. 2,200,740; May 14.
Gardner, Leah L. (See Dawson, James C., Jr., assignor.)
Gardner, Leah L. (See Koelling, Edward A., assignor.)
Gardner, Leland A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alarm system. 2,193,093; Mar. 12.
Gardner Manufacturing Company. (See Gardner, Edward assignor.)
Gardner-Richardson Company, The. (See Fisher, H. C., Thompson, and Sooy, assignors.)
Garner, Russell H., Pasadena, Calif. Drafting apparatus. 2,217,008; Oct. 8.
Gardner, Stephen A., assignor to Dough-King, Inc., Minneapolis, Minn. Doughnut machine. 2,207,584; July 9.
Gardner, William, Manchester, England. Marking or setting out tool. 2,221,088; Nov. 12.
Gardner, William T., et al., as trustees. (See Peltz, Gordon M., assignor.)
Gardner, William T., assignor to Woodall-Duckham (1920) Limited, London, England. Device for viewing the interiors of heated enclosures. 2,205,952; June 25.
Gareis, Walter J., New Ulm, Minn. Paper clip or the like. 2,205,524; June 25.
Garelli, Adalberto, Milan, Italy. Apparatus for compressing and cooling air. 2,215,266; Sept. 17.
Garey, Charles Q. (See Drissner, A. E., Hogg, Barkinen, and Garey.)
Garey, John P., Elmira Heights, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Creel board cleaner. 2,211,265; Aug. 13.
Garfield Manufacturing Company. (See Pellerano, Silvio, assignor.)
Garforth, Edward. (See Bentley, L., and Garforth.)
Gariepy, Louis, Gardner, Mass. Boat. 2,195,745; Apr. 2.
Garity, William E., assignor to Walt Disney Productions, Los Angeles, Calif. Control device for animation. 2,198,006; Apr. 23.
Garland Company, The. (See Namet, Julius, assignor.)
Garland Company, The. (See Sabin, Herbert B., assignor.)
Garland, Edward E., Belleville, N. J. Automatic firearm. 2,189,202; Feb. 6.
Garland, Isaac W., H. W. Hull, and H. C. Seaton, Johnson City, Tenn. Baseball score game. 2,210,452; Aug. 6.
Garland, James E. (See Smithson, Clinton N., assignor.)
Garland, Mather, and E. Greer; said Greer assignor to Rotary Snow Plow Company, Minneapolis, Minn. Snowplow structure. 2,199,723; May 7.
Garlick, Walter J., Jr., Glen Ridge, assignor to American Transformer Company, Newark, N. J. Electromagnetic controlling means. 2,207,248; July 9.
Garlinghouse, Leslie H., Los Angeles, Calif. Wheelbarrow. 2,221,834; Nov. 19.
Garlock Packing Company, The. (See Armstrong, Francis W., assignor.)
Garlock Packing Company, The. (See Hubbard, Cecil R., assignor.)
Garlock Packing Company, The. (See Salisbury, Maxwell E., assignor.)
Garloff, William H. F., Chicago, Ill. Flashing block. 2,196,552; Apr. 9.
Garman, George W., Scotia, N. Y., assignor to General Electric Company. Electric valve circuits. 2,190,514; Feb. 13.
Garman, George W., Scotia, N. Y., assignor to General Electric Company. Electric translating apparatus. 2,202,732; May 28.
Garner, Bess A., et al. (See Garner, Herman H., assignor.)
Garner, Ernest P., Charlotte, N. C. Disappearing stairway. 2,203,086; June 4.
Garner, Herman H., et al. (See Garner, Herman H., assignor.)
Garner, Herman H., assignor, by mesne assignments, to H. H. Garner and B. A. Garner, Claremont, Calif. Air cleaner. 2,198,963; Apr. 30.
Garner, Lloyd P. (See Smith, P. T., and Garner.)
Garner, Lloyd P. (See Tykociner, J. T., Kunz, and Garner.)
Garner, Lue O., and F. Montesi, Memphis, Tenn. Dispensing apparatus. 2,187,232; Jan. 16.
Garner, Lue O., and F. Montesi, Memphis Tenn. Dispensing apparatus. 2,187,233; Jan. 16.
Garnett, Stanley I., Providence, R. I., assignor to American Cyanamid Company, New York, N. Y. Desizing. 2,185,548; Jan. 2.
Garnette, James L., San Francisco, Calif. Stepladder. 2,223,911; Dec. 3.
Garrard Engineering and Manufacturing Company Limited. (See Downs, Arthur R., assignor.)
Garratt, Fred C., Jr. (See Hoppes, E. F., Garratt, and Evans.)
Garrett, David L., Denver, Colo. Apparatus for deparaffining oil wells. 2,225,775; Dec. 24.
Garrett, E. Doyle, et al. (See Swope, John W., assignor.)
Garrett, Edward L., Zanesville, Ohio. Game board. 2,209,117; July 23.
Garrett, Harold S., Normandy, assignor to Wagner Electric Corporation, St. Louis, Mo. Foundry flask. 2,218,195; Oct. 15.
Garrett, Joseph E., assignor to Artcraft Silk Hosiery Mills, Inc., Philadelphia, Pa. Yarn tension device for knitting machines. 2,209,398; July 30.
Garrett, Neal, Glendale, Calif. Apparatus for solving mathematical problems. 2,210,938; Aug. 13.
Garrett, Neal, Glendale, Calif. Apparatus for use in solving mathematical problems. 2,210,939; Aug. 13.
Garrett, Robert V., Cheyenne, assignor to Inland Air Lines, Incorporated, Casper, Wyo. Navigational instrument. 2,216,490; Oct. 1.
Garriga, Juan B., Igualada, Barcelona, Spain. Beehive. 2,223,561; Dec. 3.
Garrigus & Co. Inc. (See Garrigus, Horace T., assignor.)
Garrigus, Horace T., Millburn Township, Essex County, assignor to Garrigus & Co. Inc., Newark, N. J. Cuff link. 2,188,505; Jan. 30.
Garrison, Allen D., Houston, and C. F. Teichmann, Beaumont, Tex., assignors to The Texas Company, New York, N. Y. Treating a well. 2,218,025; Oct. 15.
Garrison, Allen D., Houston, Tex., assignor to The Texas Company, New York, N. Y. Treatment of oil wells. 2,223,933; Dec. 3.
Garrison, Clay, and A. Bice, Fort Worth, Tex. Instruction chart for first aid. 2,196,298; Apr. 9.
Garrison, George M., and L. C. G. Huhn, Washington, D. C., and H. S. Allison, Brentwood, Md. Direction indicating lights for profile tracers. 2,213,959; Sept. 10.
Garrison, Jack W., assignor to Transparent Package Company, Chicago, Ill. Viscose cement. 2,206,692; July 2.
Garrison, Morris, assignor of one-half to H. Blank, Newark, N. J. Slide fastener. 2,226,095; Dec. 24.
Garrison, Ranald M. (See Sharp, D. C., and Garrison.)
Garrison, Ranald M. (See Sharp, D. C., James, and Garrison.)
Garriss, Thurman W., Watha, N. C. Animal trap. 2,186,864; Jan. 9.
Garrity, Annie, et al. (See Sullivan, Martin E., assignor.)
Garside, John I., West Boylston, and C. G. Flygare, assignors to Norton Company, Worcester, Mass. Grinding machine. 2,190,134; Feb. 13.
Garson, Thomas N., and F. C. Melchior, New York, N. Y. Heat transfer apparatus. 2,189,532; Feb. 6.
Garstka, Walter U., Washington, D. C., and R. C. Burt, Pasadena, Calif., dedicated to the free use of the people of The United States of America. Float switch. 2,218,500; Oct. 22.
Garthe, Heinrich, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Rotary pump. 2,225,908; Dec. 24.
Garthe, John, Northport, assignor of one-fourth to E. H. Rude and one-fourth to O. M. Rude, Suttons Bay, Mich. Automatic receptacle lock. 2,191,251; Feb. 20.
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. Re. 21,548; Sept. 3.
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Pressure fluid motor. 2,195,203; Mar. 26.
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Pressure fluid motor. 2,195,204; Mar. 26.
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Percussive mechanism. 2,199,337; Apr. 30.
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,225,588; Dec. 17.
Gartley, Jessie R. (See Reading, Aulden C., assignor.)
Gartner, Joseph A., Elkins Park, Pa. Floor dressing machine. 2,204,178; June 11.
Gartner, Samuel. (See Snipischki, Karl, assignor.)
Gartz, George W., Newark, N. J., assignor to Burton-Dixie Corporation, Chicago, Ill. Comforter anchor. 2,223,412; Dec. 3.
Garve, Alexander. (See Kurtz, O., and Garve.)
Garve, Alexander. (See Leser, O., Garve, and Kurtz.)
Garve, Alexander and O. Kurtz, assignors to Maschinenfabrik Augsburg-Nurnberg A. G., Augsburg, Germany. Internal combustion engine. 2,189,106; Feb. 6.
Garve, Alexander, and O. Kurtz, assignors to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Internal combustion engine. 2,216,074; Sept. 24.
Garverick, Ralph A. (See Ehrick, W. F., and Garverick.)
Garvey, Benjamin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Reclaiming rubber. 2,193,624; Mar. 12.

Garvey, Benjamin S., Akron, and C. H. Alexander, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Copolymers of polyallyl esters and polymerizable unsaturated compounds. 2,202,846; June 4.
Garvey, Edward S., Clayton, Mo. Protective covering for crayons. 2,190,942; Feb. 20.
Garvey, Edward S., Clayton, Mo. Writing instrument. 2,210,662; Aug. 6.
Garvin, Frank, Pittsburgh, Pa. Water heater. 2,190,871; Feb. 20.
Garwood, Charles B., Linthicum Heights, assignor to Carr-Lowrey Glass Co., Baltimore, Md. Making hollow glassware. 2,205,382; June 25.
Gary, Edwin B., Kenmore, N. Y. Vibrating screen. 2,225,444; Dec. 17.
Gary, Wright W., Manhasset, N. Y., assignor to The Polymerization Process Corporation, Jersey City, N. J. Treating hydrocarbon fluids. 2,224,631; Dec. 10.
Gary, Wright W., Great Neck, N. Y., and J. S. Carey, Cranford, assignors to The Polymerization Process Corporation, Jersey City, N. J. Manufacture of gasoline-like hydrocarbons. 2,190,624; Feb. 13.
Garzilli, Frederico, and C. Fusco, New Britain, Conn. Shoemaker's tool. 2,223,064; Nov. 26.
Gasca, Albin, Paris, France. Automatic machine for applying stamps or the like. 2,196,792; Apr. 9.
Gase, George A., assignor of forty per cent to H. J. Boiardi, Cleveland, Ohio. Method and apparatus for rough surfacing brick. 2,196,067; Apr. 2.
Gaskell & Chambers, Limited. (See Weightman, John S., assignor.)
Gas Light & Coke Company, The. (See Griffith, R. H., and Plant, assignors.)
Gas Machinery Company. (See Hamlink, Lazenby C., assignor.)
Gas Machinery Company, The. (See Steinwedell, William E., assignor.)
Gasolaire Corporation, The. (See Curioni, Aldo, assignor.)
Gasoline Antioxidant Company. (See Rogers, T. H., and Voorhees, assignors.)
Gasoline Products Company. (See Armistead, George, Jr., assignor.)
Gasoline Products Company. (See Atwell, Harold V., assignor.)
Gasoline Products Company. (See Baker, Albert L., assignor.)
Gasoline Products Company. (See Dimmig, Howard, assignor.)
Gasoline Products Company. (See Jewell, J. W., and Diener, assignors.)
Gasoline Products Company. (See Keith, Percy C., Jr., assignor.)
Gasoline Products Company, et al. (See Keith, P. C., Jr., and Roberts, assignors.)
Gasoline Products Company. (See Lobo, Walter E., assignor.)
Gasoline Products Company. (See Nofsinger, Charles W., assignor.)
Gasoline Products Company. (See Nofsinger, C. W., and Shaw, assignors.)
Gasoline Products Company. (See Rubin, Louis C., assignor.)
Gaspar, Béla. (See Goldfinger, Paul, assignor.)
Gaspar, Bela. (See Michaelis, Walter, assignor.)
Gáspár Béla. (See Schwarc, László assignor.)
Gáspár, Béla, Brussels, Belgium. Method of and material for indirectly producing color photographs. Re. 21,513; July 23.
Gáspár, Béla, Hollywood, Calif. Colored photographic multilayer material. 2,219,304; Oct. 29.
Gáspár, Béla, Hollywood, Calif. Photographic multilayer material for color photographic purposes. 2,219,305; Oct. 29.
Gáspár, Béla, Hollywood, Calif. Photographic material. 2,219,306; Oct. 29.
Gáspár, Béla, Hollywood, Calif. Multilayer material for color photography and making the same. 2,219,987; Oct. 29.
Gáspár, Béla, Hollywood, Calif. Light-sensitive multilayer photographic material and making the same. 2,219,988; Oct. 29.
Gáspár, Béla, Hollywood, Calif. Producing photographic dyestuff pictures. 2,221,793; Nov. 19.
Gáspár, Béla, Hollywood, Calif., and L. Schwarc, Brussels, Belgium; said Schwarc assignor to said Gáspár. Photographic material and making same. 2,221,792; Nov. 19.
Gaspar, Emeric, assignor to Omes Limited, London, England. Electric forging and apparatus therefor. 2,195,775; Apr. 2.
Gaspar, Emeric, London, assignor to Omes Limited, Barnes, London, England. Machine for welding and forging metals. 2,219,279; Oct. 29.
Gasper, Lester R., Chicago, Ill. Glass decorating. 2,207,585; July 9.
Gas Products Corporation. (See Parker, Claude E., assignor.)
Gasque, Rupert B., et al. (See Jordan, Cedric R., Sr., assignor.)
Gass, Harold, New York, N. Y. Valve stem packing. 2,207,400; July 9.
Gasser, Emil R. (See Kuhns, A., and Gasser.)
Gasser, Emil R., Buffalo, N. Y., assignor to Farrel-Birmingham Company, Incorporated, Ansonia, Conn. Geared transmission coupling. 2,223,413; Dec. 3.
Gassner, Sebastian. (See Bienert, B., and Gassner.)
Gassner, Sebastian, and B. Bienert, Leverkusen-I. G. Werk, Germany, assignors to General Aniline & Film Corporation. Phthalocyanine dyestuffs. 2,197,860; Apr. 23.
Gassner, Sebastian, and B. Bienert, Leverkusen-I. G. Werk, Germany, assignors to General Aniline & Film Corporation. 3'-halogen-benzoyl-2-benzoic acid-4'-sulphonic acids and making the same. 2,204,960; June 18.
Gaston County Dyeing Machine Company. (See Rankin, Fred C., assignor.)
Gaston, Ernest, New Haven, Conn. Typewriting, typesetting, and similar machines. 2,196,987; Apr. 16.
Gaston, Ralph M., Chicago, Ill. High-duty enclosed electric motor. 2,222,764; Nov. 26.
Gas Tool Patents Corporation. (See Charles, Carl L., assignor.)
Gastreich, Joseph. (See Cordts, Karl, assignor.)
Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Renewable element yarn guide construction. 2,198,081; Apr. 23.
Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Yarn feeding mechanism for straight knitting machines. 2,202,521; May 28.
Gastrich, Gustav, Wyomissing, and H. E. Haehnel, West Reading, assignors to Textile Machine Works, Wyomissing, Pa. Producing knitted elastic fabrics. 2,185,844; Jan. 2.
Gaswirth, Sol. (See Langerman, Jonas, assignor.)
Gatchell, Eugene J. (See Lerch, W. B., Mathis, and Gatchell.)
Gatchell, Eugene J. (See Lerch, W. B., White, and Gatchell.)
Gaterman, William, Manitowoc, Wis. Attachment for mowing machines. Re. 21,481; June 11.
Gates, Church E., and Company. (See Eaton, Henry B., II, assignor.)
Gates, Frederic P., Toronto, Ontario, Canada, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Electric switch. 2,208,500; July 16.
Gates, Geoffrey R. G. (See Brock, D. T., and Gates.)
Gates, Geoffrey R. G., assignor to Automotive Products Company Limited, London, England. Brake for vehicles. 2,212,934; Aug. 27.
Gates, George A., Dixon, Ill. Elevator for grain or the like. 2,196,390; Apr. 9.
Gates, Gilbert J., Arlington, Va. Drying apparatus. 2,197,178; Apr. 16.
Gates, John Earl, Oakwood, assignor to The National Cash Register Company, Dayton, Ohio. Cash register and accounting machine. Re. 21,442; May 7.
Gates, John G., and J. H. V. Finney, assignors to The Gates Rubber Company, Denver, Colo. Machine for uniformly spacing parallel cords. 2,220,760; Nov. 5.
Gates, Major E., Crystal Lake, Ill. Pump. 2,188,003; Jan. 23.
Gates Paper Company. (See Hunter, Leo S., assignor.)
Gates, Renfrew W., Gainesville, Fla., assignor to Cushion Filler Company. Egg case filler. 2,226,904; Dec. 31.
Gates Rubber Company, The. (See Gates, J. G., and Finney, assignors.)
Gates Rubber Company, The. (See Nassimbene, Ernest, assignor.)
Gates Rubber Company, The. (See Yelm, Charles W., assignor.)
Gates, William E. F. (See Renfrew, A., and Gates.)
Gatfield, Duerson N., Detroit, Mich. Winterfront for motor vehicles. 2,219,386; Oct. 29.
Gathercole, Mearl W., Los Angeles, Calif. Thermally governed control. 2,204,890; June 18.
Gathmann, Emil, assignor to Gathmann Research Incorporated, Catonsville, Md. Producing ingots. 2,190,116; Feb. 13.
Gathmann Research Incorporated. (See Gathmann, Emil, assignor.)
Gatke, Thomas L., Chicago, Ill. Spinning bucket. 2,199,197; Apr. 30.
Gatto, Nicholas, North Caldwell, N. J. Earth boring machine. 2,196,260; Apr. 9.
Gattoni, John, Union City, assignor to Seederer-Kohlbusch, Inc., Jersey City, N. J. Precision balance. 2,192,905; Mar. 12.
Gattoni, John, Union City, assignor to Seederer-Kohlbusch, Inc., Jersey City, N. J. Precision balance. 2,222,658; Nov. 26.
Gaty, John P., Wichita, Kans., and I. W., Doyle, Amityville, N. Y., assignor to Fairchild Aerial Camera Corporation. Synchronizing system for airplane machine guns. 2,225,599; Dec. 17.
Gatz, Leo B., Chicago, Ill. Tennis table. 2,203,780; June 11.
Gatzweiler, Josef, Aachen, Germany. Apparatus for the evaporation of liquid dairy products. 2,224,076; Dec. 3.
Gaubatz, Arthur W., Flint, assignor to General Motors Corporation, Detroit, Mich. Vibration suppressor. 2,207,376; July 9.
Gaudet, Julien P. M., Chaville, France. Equatorial precision sundial. 2,207,195; July 9.
Gaudian, Bernhard. (See Memminger, K., and Gaudian.)

Gaudin, Antoine M., Butte, Mont., and J. D. Vincent, Whittier, Calif. Ore concentration. 2,195,724; Apr. 2.
Gaudy, Robert A. (See Greterman, Lambert L., assignor.)
Gauger, Frank A., Milwaukee, Wis., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic valve and system of control therefor. 2,207,978; July 16.
Gauger, Frank A., Milwaukee, Wis., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heating system. 2,207,979; July 16.
Gaul, George M. (See Hirsch, S. G., and Gaul.)
Gaul, Max, Eppstein, assignor of one-half to M. Goldschmidt, Frankfort-on-the-Main, Germany. Thermostat. 2,185,914; Jan. 2.
Gault, Henry, Paris, France. Generating a combustible gas mixture. 2,185,549; Jan. 2.
Gausmann, Carl, assignor to Junkers Flugzeug-und Motorenwerke Aktiengesellschaft, Dessau, Germany. Adjustable screw propeller. 2,202,813; June 4.
Gaussoin, Julius, Portland, Oreg. Trailer construction. 2,189,170; Feb. 6.
Gaut, Geoffrey C., Worcester, and B. F. Huggins, Forest Gate, London, England. Manufacture of electric resistance elements. 2,195,531; Apr. 2.
Gaut, Geoffrey C., Romford, and D. J. P. Phillips, Croydon, England, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electrolytic cell. 2,190,285; Feb. 13.
Gaut, Geoffrey C., Romford, D. J. P. Phillips, Croydon, and B. F. Huggins, Barkingside, England, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electrolytic cell. 2,190,286; Feb. 13.
Gauthier, Crosby, South Pasadena, Calif. Fishing tool. 2,211,973; Aug. 20.
Gauthier, Gaston, Chambery, assignor to "Compagnie de Produits Chimiques et Electrometallurgiques Alais, Froges et Camarque", Paris, France. Magnesium alloys. 2,224,151; Dec. 10.
Gauthier, Leonard J. (See Whitcomb, Loren W., assignor.)
Gauthier, Theodore J., Springfield, Mass. Alarm. 2,193,452; Mar. 12.
Gautier, Trevor R., assignor to Nashua Gummed and Coated Paper Company, Nashua, N. H. Tape serving apparatus. 2,192,132; Feb. 27.
Gautier, Trevor R., assignor to Nashua Gummed and Coated Paper Company, Nashua, N. H. Tape dispensing means. 2,224,100; Dec. 3.
Gauvreau, Victor. (See Broders, Claude E., assignor.)
Gavin, Gordon P., Kohler, Wis. Urinal seam cover fastening device. 2,220,057; Oct. 29.
Gavin, Thomas A., et al., executors. (See Peirce, J. R., and Torkelson.)
Gawthrop, Donald B. (See Cook, M. A., Gawthrop, Wahl, and Woodbury.)
Gay, Cecil H. (See Ebbets, G. D., and Gay.)
Gay, Cecil H., Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Branch connection. 2,220,899; Nov. 12.
Gay, Gilman M., Cheshire, Conn., assignor to United States Rubber Company, New York, N. Y. Slider for separable fasteners. 2,197,690; Apr. 16.
Gay, Jacob D., Jr., Pine Grove, Ky. Elevator cover. 2,221,236; Nov. 12.
Gay, Norman N., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Fabric waterproofing composition. 2,199,933; May 7.
Gay, Norman N., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Impregnation of leather and products thereof. 2,219,867; Oct. 29.
Gay, Samuel M., Ann Arbor, Mich. Inkwell. 2,213,465; Sept. 3.
Gayer, Frederick H., and C. E. Fawkes, Chicago, assignors to Continental Research Corporation, Chicago Heights, Ill. Refining and obtaining valuable products from tall oil. 2,223,850; Dec. 3.
Gaylor, Peter J. (See Baldschwieler, E. L., and Wiezevich.)
Gaylor, Peter J. (See Wiezevich, Peter J.)
Gaylor, Peter J. (See Wiezevich, P. J., and Sparks.)
Gaylor, Peter J. (See Wiezevich, P. J., Zimmer, and Morway.)
Gaylor, Peter J., Union, N. J., assignor to Standard Oil Development Company. Fluorinated compound and producing same. 2,186,917; Jan. 9.
Gaylor, Peter J., Unionville, N. J., assignor to Standard Oil Development Company. Wetting agent, detergent, and emulsifier. 2,214,051; Sept. 10.
Gaylor, Peter J., Staten Island, N. Y., assignor to Standard Oil Development Company. Rubber substitute. 2,223,171; Nov. 26.
Gaylord Container Corporation. (See Beaman, George B., assignor.)
Gaylord Container Corporation. (See Beaman, G. B., and Williams, assignors.)
Gaylord Container Corporation. (See Stute, Henry C., assignor.)
Gaymer, John R. (See Baker, Anthony P., assignor.)
Gaynon, Claude E., Jacksonville, Fla. Stop signal. 2,188,835; Jan. 30.
Gaynor, Edwin G., Fairfield, Conn. Refrigerator control. 2,200,599; May 14.
Gayter, Eric, Timperley, and A. S. Hayward, Altrincham, assignors to Linotype and Machinery Limited, London, England. Typographical composing machine. 2,195,146; Mar. 26.
Gazelle, Michel S., assignor, by mesne assignments, to Insulfoil Corporation of America, Detroit, Mich. Insulating element. 2,221,309; Nov. 12.
Gazelle, Michel S., assignor, by mesne assignments, to Insulfoil Corporation of America, Detroit, Mich. Fabricated insulation. 2,221,310; Nov. 12.
Gazette, Marshall E., assignor to Boothby Fibre Can Company, Boston, Mass. Closure of paper and the like for containers made of paper and the like. 2,217,619; Oct. 8.
Gear Grinding Machine Company. (See Gruenberg, Ivor J., assignor.)
Gear Grinding Company Limited, The. (See Orcutt, Arthur H., assignor.)
Gear Grinding Machine Company. (See Ward, Frederick A., assignor.)
Gear Specialties, Incorporated. (See Hale, Charles B., assignor.)
Gear, Walter J., assignor of one-half to G. M. Freeman, Madera, Calif. Centrifugal pump. 2,207,317; July 9.
Gearing, Harry. (See Leonard, R. E., and Gearing.)
Geary, Frederick L., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rail car threshold construction. 2,193,194; Mar. 12.
Geary, John W., Jr. (See Luhn, Hans P., assignor.)
Geb, Fred A., Dallas, Tex. Spring stabilizer. 2,201,531; May 21.
Gebauer Chemical Company, The. (See Benner, James J., assignor.)
Gebauer, Ferenc, assignor of one-half to "Danuvia" Ipari és Kereskedelmi R. T., Budapest, Hungary. Gas-operated firearm. 2,186,582; Jan. 9.
Gebauer-Fuelnegg, Erich, deceased, by M. Gebauer-Fuelnegg, administratrix, Evanston, and E. W. Moffett, assignors to Marbon Corporation, Chicago, Ill. Rubber hydrochloride composition. 2,201,034; May 14.
Gebauer-Fuelnegg, Marie, administratrix. (See Gebauer-Fuelnegg, E., and Moffett.)
Gebert, Albert E. (See Richardson, M. H., Black, and Gebert.)
Gebert, Albert E., and M. H. Richardson, Wilmette, and F. C. Black, assignors to Advance Machine Co., Chicago, Ill. Vending machine. 2,223,515; Dec. 3.
Gebhardt, George M. (See Ludwig, J., and Gebhardt.)
Company, Springfield, Ohio. Compact egg turning mechanism. 2,215,664; Sept. 24.
Gebs, Ernest C., New York, N. Y. Ornamental flower holder. 2,187,450; Jan. 16.
Gedde, Andrew A. (See Kenney, M. W., and Gedde.)
Geddes, John A., Baltimore, Md., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Titanium oxide pigment and producing same. 2,219,129; Oct. 22.
Gedge, Charles F., assignor to The Buckeye Incubator
Gee, Albert H., assignor to Schering & Glatz, Inc., New York, N. Y. Blood transfusion apparatus. 2,212,318; Aug. 20.
Gee, Govan, Winchmore Hill, London, assignor to Safety Ashtrays Limited, London, England. Extinguishing cigarettes, matches and the like. 2,220,784; Nov. 5.
Gee, Ira G., Flint, Mich. Coaster brake. 2,224,907; Dec. 17.
Gee, Norman E., Elkins Park, Pa. Resilient drive unit for locomotives. 2,188,042; Jan. 23.
Gee, Victor, Whitestone, assignor of sixty per cent to D. Alavidze, New York, N. Y. Device for permanent hair waving. 2,202,146; May 28.
Gee, William P., Plainfield, N. J., assignor to The Texas Company, New York, N. Y. Rotary drum filter. 2,186,289; Jan. 9.
Geer, Johnson and, et al. (See Francis, George W., Sr.,
Geer, William E., assignor to A. R. Wilfley and Sons, Incorporated, Denver, Colo. Power-drive mounting. 2,224,813; Dec. 10.
Geeraert, Leon J. L., and W. Lush, New York, N. Y. Power actuated device. 2,211,814; Aug. 20. assignor.)
Geerpres Wringer, Inc. (See Bard, Elmer H., assignor.)
Geers, John B. (See Colley, A. R., and Geers.)
Geers, John B., and A. R. Colley, assignors to The National Cash Register Company, Dayton, Ohio. Cash register. 2,209,771; July 30.
Geertz, Eric, Aurora, assignor to Cardox Corporation, Chicago, Ill. Fire extinguishing apparatus. 2,202,343; May 28.
Geertz, Eric, Aurora, Ill., assignor to Cardox Corporation. Apparatus for blasting coal. 2,207,191; July 9.
Geertz, Eric, Aurora, Ill., assignor to Cardox Corporation. Method of and apparatus for discharging fire extinguishing mediums. 2,209,264; July 23.
Geffner, Samuel H., New York, N. Y. Foot covering. 2,205,091; June 18.
Geha Aktiengesellschaft. (See Kampczyk, Leonhard, assignor.)
Gehnrich, Charles L., Elmhurst, N. Y. Oven wall construction. 2,206,693; July 2.
Gehret, Edward F., Jersey Shore, assignor to Aviation Manufacturing Corporation, Williamsport, Pa. Manufacture of propeller blades. 2,192,008; Feb. 27.

Gehret, Edward F., Jersey Shore, assignor to Aviation Manufacturing Corporation, Williamsport, Pa. Apparatus for handling propeller blade blanks. 2,221,539; Nov. 12.
Gehrke, Friedrich W., Munich, and R. Tiedeken, Grosshadern, near Munich, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Lens system. 2,187,780; Jan. 23.
Gehrke, Max. (See Schoeller, W., Gehrke, and Hildebrandt.)
Gehrke, Max. (See Schwenk, E., Holdebrandt, and Gehrke.)
Gehrmann, Chas. F., et al., executors. (See Voelkel, John F., assignor.)
Gehron, Daniel W., North Star, Ohio. Hog feeder. 2,216,410; Oct. 1.
Geib, Charles A., and C. B. Geib, assignor to The Norwood Company, Chicago, Ill. Structural set. 2,226,763; Dec. 31.
Geib, Clarence B. (See Geib, Charles A., and C. B.)
Geib, Ervin R., Cleveland, and S. W. Orne, and D. B. Joy, Fostoria, Ohio, assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Alternating current light-producting system and operating same. 2,195,329; Mar. 26.
Geiber, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Blocking oscillator apparatus. 2,211,852; Aug. 20.
Geier, Ernest C., White Plains, assignor to Duplan Silk Corporation, New York, N. Y. Loom attachment. 2,192,997; Mar. 12.
Geier, Ernest C., White Plains, N. Y., and J. Haesler, Teaneck, N. J., assignors to Duplan Silk Corporation, New York, N. Y. Fabric construction. 2,199,400; May 7.
Geier, P. A., Company, The. (See Martinet, Eugene F., assignor.)
Geier, P. A., Company, The. (See Martinet, E. F., and Kasper, assignors.)
Geigel, Kenwood. (See Johnson, J. A., and Geigel.)
Geiger, Charles F., Metuchen, C. P. Clapp, Woodbridge Township, Middlesex County, and W. C. Kempf, Metuchen, N. J., assignors to The Carborundum Company, Niagara Falls, N. Y. Apparatus for distributing granular material and method of distribution. 2,219,954; Oct. 29.
Geiger, David F., assignor of one-half to Carl J. Nyquist, Los Angeles, and one-half to Rudolph Shuhart, Summit City, Calif. Acetylene generator. 2,202,847; June 4.
Geiger, David F., assignor of one-half to Carl J. Nyquist, Los Angeles, and one-half to Rudolph Shuhart, Summit City, Calif. Acetylene generator. 2,202,848; June 4.
Geiger, Ernö, L. Vargha, and L. Richter, assignors to Chemical Works of Gedeon Richter, Ltd. Hydroxy mercury compound and method for the production thereof. 2,208,941; July 23.
Geiger, George M. (See Ernst, W., Geiger, and Tucker.)
Geiger, Max. (See Andrieu, R., and Geiger.)
Geiger, Max. (See Roosenstein, H.-O. and Geiger.)
Geiger, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Circuit arrangement for producing an impulse series. 2,193,868; Mar. 19.
Geiger, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Oscillator. 2,196,825; Apr. 9.
Geiger, Max., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Signaling system. 2,203,865; June 11.
Geiger, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Oscillation generator. 2,207,511; July 9.
Geiger, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Distortion correction circuits. 2,216,168; Oct. 1.
Geiger, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Sawtooth wave generator. 2,217,401; Oct. 8.
Geiger, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Saw-tooth wave generator. 2,220,712; Nov. 5.
Geiger, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Sawtooth wave generator. 2,225,300; Dec. 17.
Geiger, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Sawtooth current generator. 2,227,075; Dec. 31.
Geiger, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Circuit arrangement for electrostatic deflection of cathode rays. 2,227,076; Dec. 31.
Geiger, Walter J., and R. J. Ayres, Cleveland Heights, Ohio, assignors to General Electric Company. Filament mounting apparatus. 2,208,970; July 23.
Geiger, Walter J., Cleveland Heights, and W. Davidson, Cleveland, Ohio, assignors to General Electric Company. Exhausting and sealing method and apparatus. 2,219,891; Oct. 29.
Geiger, Walter J., Cleveland Heights, and W. Davidson, Cleveland, Ohio, assignors to General Electric Company. Glass-to-metal seal. 2,221,868; Nov. 19.
Geigy, J. R., A. G. (See Agthe, Carl A., assignor.)
Geigy, J. R., A. G. (See Becherer, Fritz, assignor.)
Geigy, J. R., A. G. (See Conzetti, Achille, assignor.)
Geigy, J. R., A. G. (See Engel, K., and Pfaehler, assignors.)
Geigy, J. R., A. G. (See Krebser, Adolf, assignor.)
Geigy, J. R., A. G. (See Martin, H., and Hirt, assignors.)
Geigy, J. R., A. G. (See Müller, Paul, assignor.)
Geigy, J. R., A. G. (See Schäfer, J., and Biedermann, assignors.)
Geigy, J. R., S. A. (See Engel, Kurt, assignor.)
Geigy, J. R., S. A. (See Martin, H., and Hirt, assignors.)
Geigy, J. R., S. A. (See Treboux, Jules, assignor.)
Geijo, Manuel, Ensenada, and A. Barreda, La Plata, Argentina. Device for indicating changes of direction in vehicles. 2,227,338; Dec. 31.
Geimer, William J., assignor to Bemis Bro. Bag Co., Minneapolis, Minn. Carrying handle for bags. 2,210,937; Aug. 13.
Geis, George F. (See Holmes, C. H., and Geis.)
Geise, Fritz, Berlin-Karlshorst, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Differential protective relaying system. 2,196,411; Apr. 9.
Geiser, Charlie E., Wichita Falls, Tex. Hydraulically operated clutch. 2,190,542; Feb. 13.
Geiser, Hans D., Chemnitz, assignor to Wanderer-Werke vorm. Winklhofer & Jaenicke Akt.-Ges., Siegmar-Schonau, Germany. Typewriting machine. 2,200,693; May 14.
Geiser, Nikolaus, Oberhausen-Holten, and H. Goethel, Hamborn, assignors to Ruhrchemie Aktiengesellschaft, Oberhausen-Holten, Germany. Producing lubricating oils. 2,187,704; Jan. 16.
Geiser, Walter W., Philadelphia, Pa. Flow visualizer. 2,200,060; May 7.
Geisheimer, Valentin, Chicago, Ill. Turn signal apparatus. 2,195,776; Apr. 2.
Geisler, Otmar, assignor to Suddeutsche Apparate-Fabrik G. m. b. H., Nuremberg, Germany. Manufacturing selenium valve disk for rectifiers and photoelectric cells. 2,203,328; June 4.
Geisler, Otmar, assignor to Suddeutsche Apparate-Fabrik G. m. b. H., Nuremberg, Germany. Rectifier device. 2,226,715; Dec. 31.
Geisler, Otmar, assignor to Süddeutsche Apparate-Fabrik G. m. b. H., Nuremberg, Germany. Photoelectric cell. 2,226,716; Dec. 31.
Geisler, Otmar, and E. Kipphan, assignors to Süddeutsche Apparate Fabrik G. m. b. H., Nuremberg, Germany. Selenium rectifier and producing same. 2,197,497; Apr. 16.
Geisler, Ottmar, assignor to Süddeutsche Apparate-Fabrik, G. m. b. H., Nuremberg, Germany. Photocell. 2,217,402; Oct. 8.
Geiss, Eugen, Berlin, Germany, assignor to General Electric Company. Immersion pump arrangement. 2,225,338; Dec. 17.
Geisselsöder, Albrecht. (See Gottschalk, A., and Geisselsöder.)
Geissmann, Gladys W., New York, N. Y. Glove. 2,194,934; Mar. 26.
Geissmann, Gladys W., New York, N. Y. Glove. 2,226,604; Dec. 31.
Geist, Adolf, Hazen, N. Dak. Shaker pan. 2,190,262; Feb. 13.
Geitgey, Irvin, Elyria, Ohio, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,203,725; June 11.
Geitz, Fred, Jr., St. Louis, Mo. Vitaminizing coffee. 2,206,319; July 2.
Gelardi, August J., Mount Vernon, N. Y. Smoker's pocket receptacle. 2,208,971; July 23.
Gelb, Joseph, New York, N. Y. Lamp. 2,203,410; June 4.
Gelb, Joseph, New York, N. Y. Arc lamp. 2,204,079; June 11.
Gelder, Raymond H., Alameda, and R. R. Gordon, Piedmont, Calif. Safety device for oil heaters. 2,202,098; May 28.
Geldhof, Peter E., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Ironing machine. 2,208,097; July 16.
Geldhof, Peter E., St. Joseph, Mich., and L. Ringer, assignors to Easy Washing Machine Corporation, Syracuse, N. Y. Automatic control mechanism. 2,227,077; Dec. 31.
Gelius, Siegfried. (See Goldhammer, L., and Gelius.)
Gell, George F., East Cleveland, assignor to The Maier Products Company, Inc., Cleveland Heights, Ohio. Floor mat. 2,194,653; Mar. 26.
Geller, Isaac, Portland, Oreg. Fish spearing gaff. 2,194,016; Mar. 19.
Geller, Isaac, Portland, Oreg. Key support and holder therefor. 2,197,217; Apr. 16.
Geller, Isaac, Portland, Oreg. Key-retaining and supporting member. 2,197,218; Apr. 16.
Gellman, Israel C. (See Petskeyes, C. H., and Gellman.)
Gellman, Israel C., assignor to Gellman Manufacturing Co., Rock Island, Ill. Bread wrapping machine. 2,220,367; Nov. 5.
Gellman Manufacturing Co. (See Gellman, Israel C., assignor.)
Gellman Manufacturing Company. (See Petskeyes, C. H., and Gellman, assignors.)
Gelman, Harry, Chicago, Ill. Chair. 2,206,533; July 2.
Gelpcke, Alfred W., Brooklyn, assignor to The Rawlplug Company, Inc., New York, N. Y. Percussion drill 2,217,202; Oct. 8.

Gelzer, John R., Haddonfield, N. J., assignor to Radio Corporation of America. Noise reduction system. 2,194,499; Mar. 26.
Gem Hammock & Fly Net Company. (See Follen, James H., assignor.)
Gemberling, Cameron H. (See Altgelt, R. J., and Gemberling.)
Gemex Company. (See Haeffner, Emil, assignor.)
Gemex Company. (See Prestinari, Eugen, assignor.)
Gemmer Manufacturing Company. (See Hammond, Charles F., assignor.)
Gemmill, Walter F., assignor to The Peerless Equipment Company, Hanover, Pa. Portable lifting apparatus. 2,217,898; Oct. 15.
Genco, Inc. (See Gensburg, Louis W., assignor.)
Genco, Inc. (See Gensburg, Myer, assignor.)
Genecand, Felix. (See Mattheé, D., and Genecand.)
Genecand, Félix, assignor to Tricouni Société Anoyme, Geneva, Switzerland. Iron-fitting particularly for mountain footwear. 2,207,401; July 9.
General American Precooling Corporation. (See Killingstad, Ralph, assignor.)
General American Precooling Corporation. (See Reilly, Frank J., assignor.)
General American Precooling Corporation. (See Reilly, F. J., and Connell, assignors.)
General American Precooling Corporation. (See Stebbins, Harry Y., assignor.)
General American Transportation Corporation. (See Thompson, Rea W., assignor.)
General Aniline & Film Corporation. (See Albers, F., and Nitze, Schaum, and Weyde, assignors.)
General Aniline & Film Corporation. (See Albers, F., Trabert, Sack, Jessien, Dieterle, and Riester, assignors.)
General Aniline & Film Corporation. (See Andrussow, L., and Stein, assignors.)
General Aniline & Film Corporation. (See Arens, H., and van Briessen, assignors.)
General Aniline & Film Corporation. (See Balle, G., and Schild, assignors.)
General Aniline & Film Corporation. (See Baumann, F., Krause, Schwechten, and Zell, assignors.)
General Aniline & Film Corporation. (See Beck, H., and Dorrer, assignors.)
General Aniline & Film Corporation. (See Benade, Walther, assignor.)
General Aniline & Film Corporation. (See Berthold, E., and Mueller, assignors.)
General Aniline & Film Corporation. (See Berthold E., and Rohland, assignors.)
General Aniline & Film Corporation. (See Biedermann, Friedrich, assignor.)
General Aniline & Film Corporation. (See Bienert, B., and Gassner, assignors.)
General Aniline & Film Corporation. (See Braun, Willy, assignor.)
General Aniline & Film Corporation. (See Braun, W., and Koeberle, assignors.)
General Aniline & Film Corporation. (See Bröker, Walter, assignor.)
General Aniline & Film Corporation. (See Busse, Ferdinand, assignor.)
General Aniline & Film Corporation. (See Chwala, August, assignor.)
General Aniline & Film Corporation. (See Daimler, K., Platz, Bücking, and Rosenbach, assignors.)
General Aniline & Film Corporation. (See Delfs, Detlef, assignor.)
General Aniline & Film Corporation. (See Delfs, D., and Stüsser, assignors.)
General Aniline & Film Corporation. (See Dierichs, Alfred, assignor.)
General Aniline & Film Corporation. (See Dieterle, W., and Riester, assignors.)
General Aniline & Film Corporation. (See Drossbach, Otto, assignor.)
General Aniline & Film Corporation. (See Ebel, F., and Koeberle, assignors.)
General Aniline & Film Corporation. (See Eckert, W., and Quint, assignors.)
General Aniline & Film Corporation. (See Eckert, W., and Schilling, assignors.)
General Aniline & Film Corporation. (See Eggert, J., and Heymer, assignors.)
General Aniline & Film Corporation. (See Eggert, J., Heymer, and Schultze, assignors.)
General Aniline & Film Corporation. (See Eggert, J., and Nissen, assignors.)
General Aniline & Film Corporation. (See Eggert, J., von Biehler, and Heymer, assignors.)
General Aniline & Film Corporation. (See Ellner, Hans, assignor.)
General Aniline & Film Corporation. (See Fellmer, Ernst, assignor.)
General Aniline & Film Corporation. (See Fischer, Erich, assignor.)
General Aniline & Film Corporation. (See Fischer, Ernst, assignor.)
General Aniline & Film Corporation. (See Fischer, E., Gmelin, Huss, Krzikalla, and Pardon, assignors.)
General Aniline & Film Corporation. (See Fischer, E., Lang, and Siebert, assignors.)
General Aniline & Film Corporation. (See Fleischhauer, Richard, assignor.)
General Aniline & Film Corporation. (See Fleischhauer, R., and Korten, assignors.)
General Aniline & Film Corporation. (See Fleischhauer, R., and Müller, assignors.)
General Aniline & Film Corporation. (See Fleischhauer, R., and Ritter, assignors.)
General Aniline & Film Corporation. (See Friedrichsen, W., and Fitzky, assignors.)
General Aniline & Film Corporation. (See Frost, Paul, assignor.)
General Aniline & Film Corporation. (See Frost, P., and Biedermann, assignors.)
General Aniline & Film Corporation. (See Gassner, S., and Bienert, assignors.)
General Aniline & Film Corporation. (See Goldhammer, Leo, assignor.)
General Aniline & Film Corporation. (See Guenther, F., Haussmann, and Frank, assignors.)
General Aniline & Film Corporation. (See Hagge, W., and Bach, assignors.)
General Aniline & Film Corporation. (See Hagge, W., and Haagen, assignors.)
General Aniline & Film Corporation. (See Hennig, Bruno, assignor.)
General Aniline & Film Corporation. (See Hess, F., and Pardon, assignors.)
General Aniline & Film Corporation. (See Heyna, H., Schumacher, and Scherer, assignors.)
General Aniline & Film Corporation. (See Hoffmann, O., and Lange, assignors.)
General Aniline & Film Corporation. (See Honold, E., Neresheimer, Schubert, Stein, and Saftien.)
General Aniline & Film Corporation. (See Hopff, H., Eichel, and Schoenherr, assignors.)
General Aniline & Film Corporation. (See Hopff, H., and Schoenherr, assignors.)
General Aniline & Film Corporation. (See Horst, K., and Schild, assignors.)
General Aniline & Film Corporation. (See Hubert, F. E., Heisenberg, Steindorff, and Orthner, assignors.)
General Aniline & Film Corporation. (See Huismann, Johann, assignor.)
General Aniline & Film Corporation. (See Jahrstorfer, M., and Aschenbrenner, assignors.)
General Aniline & Film Corporation. (See Jellinek, Karl, assignor.)
General Aniline & Film Corporation. (See Jordan, O., and Rossmann, assignors.)
General Aniline & Film Corporation. (See Kaemmerer, H., Neumann, and Schweizer, assignors.)
General Aniline & Film Corporation. (See Kirst, Werner, assignor.)
General Aniline & Film Corporation. (See Kleiner, H., Diefenbach, and Eggert, assignors.)
General Aniline & Film Corporation. (See Knoefel, Julius, assignor.)
General Aniline & Film Corporation. (See Kobbe, Heinrich, assignor.)
General Aniline & Film Corporation. (See Koeberle, K., Rohland, and Steigerwald, assignors.)
General Aniline & Film Corporation. (See Koeberle, K., and Schlichting, assignors.)
General Aniline & Film Corporation. (See Kollmann, Theodor, assignor.)
General Aniline & Film Corporation. (See König, Walter, assignor.)
General Aniline & Film Corporation. (See Kracker, H., and Schumacher, assignors.)
General Aniline & Film Corporation. (See Kracker, H., Zitscher, and Schmitt, assignors.)
General Aniline & Film Corporation. (See Kranzlein, G., and Bestian, assignors.)
General Aniline & Film Corporation. (See Kränzlein, G. Delfs, and Bayer, assignors.)
General Aniline & Film Corporation. (See Kränzlein, G., Diefenbach, and Eggert, assignors.)
General Aniline & Film Corporation. (See Kranzlein, G., Kirst, and Müller, assignors.)
General Aniline & Film Corporation. (See Kränzlein, G., and Roemer, assignors.)
General Aniline & Film Corporation. (See Krause, A., Kuehne, and Mieg, assignors.)
General Aniline & Film Corporation. (See Krzikalla, Hans, assignor.)
General Aniline & Film Corporation. (See Krzikalla, H., and Alt, assignors.)
General Aniline & Film Corporation. (See Krzikalla, H., and Limbacher, assignors.)
General Aniline & Film Corporation. (See Krzikalla, H., and Wenning, assignors.)
General Aniline & Film Corporation. (See Kunze, Wilhelm, assignor.)
General Aniline & Film Corporation. (See Kuppe, Karl, assignor.)
General Aniline & Film Corporation. (See Kurtz, Peter, assignor.)
General Aniline & Film Corporation. (See Lange, Hans, assignor.)
General Aniline & Film Corporation. (See Lange, H., and Hoffman, assignors.)
General Aniline & Film Corporation. (See Lehmann, Erich, assignor.)
General Aniline & Film Corporation. (See Lessler, L. W., and Polhemus, assignors.)

General Aniline & Film Corporation. (See Lingg, A., and Frost, assignors.)
General Aniline & Film Corporation. (See Lommel, W., and Engelhardt, assignors.)
General Aniline & Film Corporation. (See Matthaeus, Georg, assignor.)
General Aniline & Film Corporation. (See Mieg, W., and Wieners, assignors.)
General Aniline & Film Corporation. (See Morschel, H., Nüssler, Krzikalla, and Alt, assignors.)
General Aniline & Film Corporation. (See Morschel, H., and Wolff, assignors.)
General Aniline & Film Corporation. (See Muehlbauer, Fritz, assignor.)
General Aniline & Film Corporation. (See Müller, W., and Berres, assignors.)
General Aniline & Film Corporation. (See Müller, W., and Schepss, assignors.)
General Aniline & Film Corporation. (See Müller, W., Wahl, and Teupel, assignors.)
General Aniline & Film Corporation. (See Muth, Friedrich W., assignor.)
General Aniline & Film Corporation. (See Nadler, F., Hoyer, and Bayer, assignors.)
General Aniline & Film Corporation. (See Nawiasky, P., and Sprenger, assignors.)
General Aniline & Film Corporaton. (See Neresheimer, H., and Vilsmeier, assignors.)
General Aniline & Film Corporation. (See Nicodemus, O., Lange, and Kranz, assignors.)
General Aniline & Film Corporation. (See Orthner, L., Balle, and Horst, assignors.)
General Aniline & Film Corporation. (See Orthner, L., Balle, Rosenbach, and Bonstedt, assignors.)
General Aniline & Film Corporation. (See Otto, G., and Immendoerfer, assignors.)
General Aniline & Film Corporation. (See Petersen, Siegfried, assignor.)
General Aniline & Film Corporation. (See Petersen, S., Bayer and Taube, assignors.)
General Aniline & Film Corporation. (See Rabe, P., and Roos, assignors.)
General Aniline & Film Corporation. (See Reddelien, Gustav H., assignor.)
General Aniline & Film Corporation. (See Reddelien, G., and Matthaeus, assignors.)
General Aniline & Film Corporation. (See Reppe, W., Hoelscher, Menger, and Bock, assignors.)
General Aniline & Film Corporation. (See Riester, Oskar, assignor.)
General Aniline & Film Corporation. (See Riester, O., and Wilmanns, assignors.)
General Aniline & Film Corporation. (See Ritter, Heinrich, assignor.)
General Aniline & Film Corporation. (See Robl, Rudolf, assignor.)
General Aniline & Film Corporation. (See Rohm, Alfred, assignor.)
General Aniline & Film Corporation. (See Roos, Hans, assignor.)
General Aniline & Film Corporation. (See Rösch, Georg, assignor.)
General Aniline & Film Corporation. (See Schepss, W., and Bayer, assignors.)
General Aniline & Film Corporation. (See Scheyer, H., and Schwamberger, assignors.)
General Aniline & Film Corporation. (See Schimmelschmidt, K., and Schneider, assignors.)
General Aniline & Film Corporation. (See Schindhelm, H., and Schultis, assignors.)
General Aniline & Film Corporation. (See Schlack, Paul, assignor.)
General Aniline & Film Corporation. (See Schlichenmeier, Hans, assignor.)
General Aniline & Film Corporation. (See Schlichenmaier, H., and Berlin, assignors.)
General Aniline & Film Corporation. (See Schlichting, Otto, assignor.)
General Aniline & Film Corporation. (See Schmidt, Karl, assignor.)
General Aniline & Film Corporation. (See Schmidt, W., and Manchen, assignors.)
General Aniline & Film Corporation. (See Schneider, W., and Fröhlich, assignors.)
General Aniline & Film Corporation. (See Schneider, W., and Heymer, assignors.)
General Aniline & Film Corporation. (See Schneider, W., and Lohaus, assignors.)
General Aniline & Film Corporation. (See Schoeller, C., Ulrich, and Ploetz, assignors.)
General Aniline & Film Corporation. (See Schowalter, W., Haussmann, Neber, Keppler, and Schroeter, assignors.)
General Aniline & Film Corporation. (See Schrader, G., and Bayer, assignors.)
General Aniline & Film Corporation. (See Schultis, C. T., and Schindhelm, assignors.)
General Aniline & Film Corporation. (See Schumacher W., Scherer, and Müller, assignors.)
General Aniline & Film Corporation. (See Schweitzer, Hugo, assignor.)
General Aniline & Film Corporation. (See Seary, Eugene G., assignor.)
General Aniline & Film Corporation. (See Starck, W., and Freudenberger, assignors.)
General Aniline & Film Corporation. (See Starck, W., and Heuer, assignors.)
General Aniline & Film Corporation. (See Stein, Gerhard, assignor.)
General Aniline & Film Corporation. (See Steindorff, A., Balle, Horst, and Michel, assignors.)
General Aniline & Film Corporation. (See Steindorff, A., Balle, Horst, and Rosenbach, assignors.)
General Aniline & Film Corporation. (See Streng, Franz, assignor.)
General Aniline & Film Corporation. (See Taube, C., Stüsser, and Müller, assignors.)
General Aniline & Film Corporation. (See Teupel, E., and Wahl, assignors.)
General Aniline & Film Corporation. (See Ulrich, Heinrich, assignor.)
General Aniline & Film Corporation. (See van Briessen, K., and Eggert, assignors.)
General Aniline & Film Corporation. (See von Biehler, Arpad, assignor.)
General Aniline & Film Corporation. (See von Glahn, William H., assignor.)
General Aniline & Film Corporation. (See von Kujawa, Gerhard, assignor.)
General Aniline & Film Corporation. (See von Meister, F. W., and Andrew, assignors.)
General Aniline & Film Corporation. (See Voss, A., and Pense, assignors.)
General Aniline & Film Corporation. (See Waldmann, E., and Chwala, assignors.)
General Aniline & Film Corporation. (See Walsh, W. L., and von Glahn, assignors.)
General Aniline & Film Corporation. (See Weihe, Adolf, assignor.)
General Aniline & Film Corporation. (See Weinand, K., and Bamberger, assignors.)
General Aniline & Film Corporation. (See Weinand, K., and Modersohn, assignors.)
General Aniline & Film Corporation. (See Weyde, Edith, assignor.)
General Aniline & Film Corporation. (See Wieners, F., and Mieg, assignors.)
General Aniline & Film Corporation. (See Wilmanns, G., Dieterle, and Kobs, assignors.)
General Aniline & Film Corporation. (See Wilmanns, G., and Schneider, assignors.)
General Aniline & Film Corporation. (See Wilmanns, G., Schneider, and Froehlich, assignors.)
General Aniline & Film Corporation. (See Wilmanns, G., Schneider, and von Kujawa, assignors.)
General Aniline & Film Corporation. (See Winkeler, Hermann, assignor.)
General Aniline & Film Corporation. (See Wolff, Paul H.)
General Aniline & Film Corporation. (See Wolff, P., and Beniers, assignors.)
General Aniline & Film Corporation. (See Wolff, P., and Heim, assignors.)
General Aniline & Film Corporation. (See Wolff, P., and Moehrke, assignors.)
General Aniline & Film Corporation. (See Wolff, P. H., and Frank.)
General Aniline & Film Corporation. (See Zervas, Paul, assignor.)
General Aniline & Film Corporation. (See Zerweck, W., and Hechtenberg, assignors.)
General Aniline & Film Corporation. (See Zerweck, W., and Keller, assignors.)
General Aniline & Film Corporation. (See Zerweck, W., and Kunze, assignors.)
General Aniline & Film Corporation. (See Zerweck, W., and Riedmair, assignors.)
General Aniline & Film Corporation. (See Ziese, Walter, assignor.)
General Aniline & Film Corporation. (See Zitscher, A., Schmitt, and Kracker, assignors.)
General Aniline Works, Inc. (See Baumann, F., and Schwechten, assignors.)
General Aniline Works, Inc. (See Brodersen, K., and Quaedvlieg, assignors.)
General Aniline Works, Inc. (See Burneleit, W., Mieg, and Wieners, assignors.)
General Aniline Works, Inc. (See Corell, M., Vollmann, and Becker, assignors.)
General Aniline Works, Inc. (See Fellmer, E., Mauthe, and Noerr, assignors.)
General Aniline Works, Inc. (See Greune, H., Thiele, and Langhein, assignors.)
General Aniline Works, Inc. (See Hartmann, E., and Moll, assignors.)
General Aniline Works, Inc. (See Koeberle, K., and Schlichting, assignors.)
General Aniline Works, Inc. (See Munz, Ferdinand, assignor.)
General Aniline Works, Inc. (See Neresheimer, H., Honold, Stein, Schubert, and Anton, assignors.)
General Aniline Works, Inc. (See Richter, Wolfgang, assignor.)
General Aniline Works, Inc. (See Schmitt, R., and Albert, assignors.)
General Aniline Works, Inc. (See Zerweck, W., and Heinrich, assignors.)
General Arts, Incorporated. (See Tait, Wilfred E., assignor.)

General Bandages, Inc. (See Hinkamp, J. A., and Brasel, assignors.)
General Cable Corporation. (See Aken, James N., assignor.)
General Cable Corporation. (See Atkinson, Ralph W., assignor.)
General Cable Corporation. (See Borgeson, Sidney E., assignor.)
General Cable Corporation. (See Buchanan, W. B., and Tebo, assignors.)
General Cable Corporation. (See Goss, Floyd L., assignor.)
General Cable Corporation. (See Mueller, Paul M., assignor.)
General Cable Corporation. (See Pirk, Gustav W., assignor.)
General Cable Corporation. (See Potter, Frank M., assignor.)
General Cable Corporation. (See Robertson, Edwin A., assignor.)
General Cable Corporation. (See Szilard, Julius A., assignor.)
General Ceramics Company. (See Kingsbury, Percy C., assignor.)
General Chemical Company. (See Carter, Bernard M., assignor.)
General Chemical Company. (See Ferguson, Robert B., assignor.)
General Chemical Company. (See Merriam, H. F., and Cupit, assignors.)
General Chemical Company. (See Park, Ralph S., assignor.)
General Chemical Company. (See Park, R. S., and Simpson, assignors.)
General Chemical Company. (See Smith, Lee B., assignor.)
General Chemical Company. (See Swaine, James W., assignor.)
General Chemical Company. (See Watson, William E., assignor.)
General Dry Batteries. (See Knable, O. A., and Martes, assignors.)
General Dyestuff Corporation. (See Williams, Sumner H., assignor.)
General Electric Company. (See Abbott, Charles C., assignor.)
General Electric Company. (See Abbott, W. E., and Smith, assignors.)
General Electric Company. (See Adams, Elliot Q., assignor.)
General Electric Company. (See Addink, Nicolaas, W. H., assignor.)
General Electric Company. (See Ahnell, Karl J., assignor.)
General Electric Company. (See Alexander, George, assignor.)
General Electric Company. (See Alexander, James R., assignor.)
General Electric Company. (See Alexanderson, Ernst F. W., assignor.)
General Electric Company. (See Allenby, William F., assignor.)
General Electric Company. (See Alterthum, H. and Pirani, assignors.)
General Electric Company. (See Amsden, Ralph D., assignor.)
General Electric Company. (See Andersen, Herbert H., assignor.)
General Electric Company. (See Anderson, Arvid E., assignor.)
General Electric Company. (See Anderson, Robert G., assignor.)
General Electric Company. (See Andreatta, Alfons, assignor.)
General Electric Company. (See Andrews, Paul D., assignor.)
General Electric Company. (See Arey, Ralph G., assignor.)
General Electric Company. (See Arnold, August, assignor.)
General Electric Company. (See Atchison, Leonard W., assignor.)
General Electric Company. (See Atchison, L. W., and Fletcher, assignors.)
General Electric Company. (See Atwood, Winfield A., assignor.)
General Electric Company. (See Aydelott, John C., assignor.)
General Electric Company. (See Ayers, Edgar H., assignor.)
General Electric Company. (See Bailey, Carl A., assignor.)
General Electric Company. (See Bailey, Edward A., assignor.)
General Electric Company. (See Bainbridge, Kenneth T., assignor.)
General Electric Company. (See Baker, Edward B., assignor.)
General Electric Company. (See Balachowsky, Georges, assignor.)
General Electric Company. (See Bany, Herman, assignor.)
General Electric Company. (See Bariffi, Herbert F., assignor.)

General Electric Company. (See Bauerschmidt, Kuno, assignor.)
General Electric Company. (See Bean, Robert F., assignor.)
General Electric Company. (See Beck, Francis M., assignor.)
General Electric Company. (See Bedford, Burnice D., assignor.)
General Electric Company. (See Bedford, B. D., and Moyer, assignors.)
General Electric Company. (See Beeman, Donald L., assignor.)
General Electric Company. (See Beeson, Eric J. G., assignor.)
General Electric Company. (See Beggs, James E., assignor.)
General Electric Company. (See Benton, Kenneth H., assignor.)
General Electric Company. (See Benz, Werner, assignor.)
General Electric Company. (See Bergman, Sven R., assignor.)
General Electric Company. (See Bergmans, J., Lamberts, and van Werd, assignors.)
General Electric Company. (See Berry, Theodore, M., assignor.)
General Electric Company. (See Best, Myron A., assignor.)
General Electric Company. (See Bigalke, Alfred, assignor.)
General Electric Company. (See Bireley, Arthur W., assignor.)
General Electric Company. (See Bivens, Maurice E., assignor.)
General Electric Company. (See Bixler, Harley H., assignor.)
General Electric Company. (See Black, Willy, assignor.)
General Electric Company. (See Blake, Harold D., assignor.)
General Electric Company. (See Blake, Winchester G., assignor.)
General Electric Company. (See Blodgett, Katharine B., assignor.)
General Electric Company. (See Bloomberg, David J., assignor.)
General Electric Company. (See Blowney, Walter E., assignor.)
General Electric Company. (See Blume, Louis F., assignor.)
General Electric Company. (See Boehne, Eugene W., assignor.)
General Electric Company. (See Boeker, Walter, assignor.)
General Electric Company. (See Boggild, A., and Duch, assignors.)
General Electric Company. (See Bork, Otto, assignor.)
General Electric Company. (See Boyer, Ralph V., assignor.)
General Electric Company. (See Breadner, R. L., Randall, and Ryde, assignors.)
General Electric Company. (See Brehob, Frederick H., assignor.)
General Electric Company. (See Brieger, Ferdinand, assignor.)
General Electric Company. (See Brody, Imre, assignor.)
General Electric Company. (See Brown, C. A., and Hahn, assignors.)
General Electric Company. (See Brown, C. A., and Van Sickle, assignors.)
General Electric Company. (See Brown, G. R., and Cowe, assignors.)
General Electric Company. (See Brown, George R., assignor.)
General Electric Company. (See Bruche, Ernst, assignor.)
General Electric Company. (See Brunke, Fritz, assignor.)
General Electric Company. (See Bryant, F. D., and Young, assignors.)
General Electric Company. (See Buell, Roy C., assignor.)
General Electric Company. (See Burat, H., and Eggers, assignors.)
General Electric Company. (See Burmeister, Hermann, assignor.)
General Electric Company. (See Burnett, Robert E., assignor.)
General Electric Company. (See Butler, John W., assignor.)
General Electric Company. (See Butler, William L., assignor.)
General Electric Company. (See Cage, John M., assignor.)
General Electric Company. (See Cain, Basil S., assignor.)
General Electric Company. (See Cameron, Donald G., assignor.)
General Electric Company. (See Camilli, Guglielmo, assignor.)
General Electric Company. (See Carl, Leonhard, assignor.)
General Electric Company. (See Carpenter, Robert J., assignor.)
General Electric Company. (See Carson, Ralph B., assignor.)
General Electric Company. (See Champlin, Franklin J., assignor.)

General Electric Company. (See Champlin, F. J., and West, assignors.)
General Electric Company. (See Chapman, Verni J., assignor.)
General Electric Company. (See Charlton, Ernest E., assignor.)
General Electric Company. (See Christensen, Everett F., assignor.)
General Electric Company. (See Clark, Frank M., assignor.)
General Electric Company. (See Clements, William K., assignor.)
General Electric Company. (See Cockrell, William D., assignor.)
General Electric Company. (See Cole, Fred H., assignor.)
General Electric Company, The. (See Collyer, John E., assignor.)
General Electric Company. (See Cook, Leonard W., assignor.)
General Electric Company. (See Cooper, Franklin S., assignor.)
General Electric Company. (See Cooper, Kenneth K., assignor.)
General Electric Company. (See Cordray, Richard E., assignor.)
General Electric Company. (See Corson, Almon J., assignor.)
General Electric Company. (See Coulson, Bevis P., Jr., assignor.)
General Electric Company. (See Cox, Vernon L., assignor.)
General Electric Company. (See Cox, William R., assignor.)
General Electric Company. (See Crago, Harry R., assignor.)
General Electric Company. (See Cramer, Theron A., assignor.)
General Electric Company. (See Crandall, Eugene L., assignor.)
General Electric Company. (See Crowell, O. B., and McGregor, assignors.)
General Electric Company. (See Currier, Philip M., assignor.)
General Electric Company. (See Dahl, O., and Pawlek, assignors.)
General Electric Company. (See Dahl, O., Pfaffenberger, and Mechior, assignors.)
General Electric Company. (See D'Alelio, Gaetano F., assignor.)
General Electric Company. (See Dalton, William, assignor.)
General Electric Company. (See Darke, Leonard, assignor.)
General Electric Company. (See Davis, W. G., and Atkins, assignors.)
General Electric Company. (See Dawihl, W., and Schröter, assignors.)
General Electric Company. (See Dawihl, W., and Thouret, assignors.)
General Electric Company. (See Dazley, Frederick C., assignor.)
General Electric Company. (See de Boer, J. H., Elenbaas, Dorgelo, and Lemmens, assignors.)
General Electric Company. (See Deerhake, Franklin M., assignor.)
General Electric Company. (See de Graaff, Antonius, assignor.)
General Electric Company. (See De Reamer, Frank C., assignor.)
General Electric Company. (See Deshachelles, Alexandre, assignor.)
General Electric Company. (See De Tar, Donald R., assignor.)
General Electric Company. (See de Vries, Reinier W. P., assignor.)
General Electric Company. (See Diedrich, Günther, assignor.)
General Electric Company. (See Dierstein, Roy H., assignor.)
General Electric Company. (See Dietloff, Walter, assignor.)
General Electric Company. (See Dodge, William P., assignor.)
General Electric Company. (See Dome, Robert B., assignor.)
General Electric Company. (See Donovan, J. F., and Malloy, assignors.)
General Electric Company. (See Doran, John H., assignor.)
General Electric Company. (See Dorgelo, Eduard G., assignor.)
General Electric Company. (See Dorgelo, E. G., Elenbaas, Lemmens, and Jansen, assignors.)
General Electric Company. (See Dozler, Ernst, assignor.)
General Electric Company. (See Dreisch, Theodore W., assignor.)
General Electric Company. (See Dunham, George W., assignor.)
General Electric Company. (See Dunham, G. W., and Wardwell, assignors.)
General Electric Company. (See Eaton, John, assignor.)
General Electric Company. (See Eaton, Reginald O., assignor.)
General Electric Company. (See Eby, Eugene D., assignor.)
General Electric Company. (See Edgar, Robert F., assignor.)
General Electric Company. (See Edwards, Evan A., assignor.)
General Electric Company. (See Edwards, Martin A., assignor.)
General Electric Compauy. (See Edwards, M. A., and Porter, assignors.)
General Electric Company. (See Eggers, Hermann R., assignor.)
General Electric Company. (See Eichberg, Friedrich, assignor.)
General Electric Company. (See Elder, Frank R., assignor.)
General Electric Company. (See Elder, Thomas A., assignor.)
General Electric Company. (See Elenbaas, Willem, assignor.)
General Electric Company. (See Evans, Sidley O., assignor.)
General Electric Company. (See Faus, Harold T., assignor.)
General Electric Company. (See Fiedler, Edmond F., assignor.)
General Electric Company. (See Fiedler, E. F. and Shepardson, assignors.)
General Electric Company. (See Filia, George J., assignor.)
General Electric Company. (See Finger, Clinton H., assignor.)
General Electric Company. (See Fisher, Frederick E., assignor.)
General Electric Company. (See Flaws, John, Jr., assignor.)
General Electric Company. (See Fletcher, James L., assignor.)
General Electric Company. (See Flindt, Albert O., assignor.)
General Electric Company. (See Floyd, Frederick K., assignor.)
General Electric Company. (See Folsom, Elwood E., assignor.)
General Electric Company. (See Forstrom, Edward W., assignor.)
General Electric Company. (See Foulke, Ted E., assignor.)
General Electric Company. (See Found, Clifton G., assignor.)
General Electric Company. (See Fraenckel, Victor H., assignor.)
General Electric Company. (See Francis, Victor J., assignor.)
General Electric Company. (See Freitag, W., and Reger, assignors.)
General Electric Company. (See Freygang, Hans-Günther, assignor.)
General Electric Company. (See Friedrichsen, H., and Straehler, assignors.)
General Electric Company. (See Fritze, O., and Ruttenauer, assignors.)
General Electric Company. (See Fyler, George W., assignor.)
General Electric Company. (See Gabor, Dennis, assignor.)
General Electric Company. (See Gabor, D., and Rushforth, assignors.)
General Electric Company. (See Gabrielson, Samuel, assignor.)
General Electric Company. (See Garman, George W., assignor.)
General Electric Company. (See Geieger, W. J., and Ayres, assignors.)
General Electric Company. (See Geiss, Eugen, assignor.)
General Electric Company. (See Germeck, Carl W., assignor.)
General Electric Company. (See Germer, Edmund, assignor.)
General Electric Company. (See Gibson, Hal, assignor.)
General Electric Company. (See Gilbert, Ralph A., assignor.)
General Electric Company. (See Gildersleeve, W. E., and Beachler, assignors.)
General Electric Company. (See Gillette, Robert T., assignor.)
General Electric Company. (See Glaser, A., Koch, Neidhardt, and Brunke, assignors.)
General Electric Company. (See Glaser, A., Koch, and Voigt, assignors.)
General Electric Company. (See Goff, Robert W., assignor.)
General Electric Company. (See Gooskens, Henricus, assignor.)
General Electric Company. (See Goss, J. H., and McCune, assignors.)
General Electric Company. (See Goss, W. R., and Merrill, assignors.)
General Electric Company. (See Graham, D. H., Tabberer, and Forsling, assignors.)
General Electric Company. (See Granfield, John C., assignor.)
General Electric Company. (See Grave, Hans F., assignor.)
General Electric Company. (See Greenwald, Willard F., assignor.)

General Electric Company. (See Greer, Lanier, assignor.)
General Electric Company. (See Greiner, Alfred, assignor.)
General Electric Company. (See Grobel, Lloyd P., assignor.)
General Electric Company. (See Grosse, Vitaly, assignor.)
General Electric Company. (See Grothouse, Frank T., assignor.)
General Electric Company. (See Gwathmey, Lomax, assignor.)
General Electric Company. (See Hahn, William C., assignor.)
General Electric Company. (See Haigh, Frederick A., assignor.)
General Electric Company. (See Hall, Chester I., assignor.)
General Electric Company. (See Hall, C. I., and Edwards, assignors.)
General Electric Company. (See Hall, William D., assignor.)
General Electric Company. (See Hamilton, Claude P., assignor.)
General Electric Company. (See Handrick, Erich, assignor.)
General Electric Company. (See Hänlein, Walter, assignor.)
General Electric Company. (See Hanna, Max R., assignor.)
General Electric Company. (See Hannum, John A., assignor.)
General Electric Company. (See Hara, El, assignor.)
General Electric Company. (See Harbison, George C., assignor.)
General Electric Company. (See Harrington, Richards H., assignor.)
General Electric Company. (See Hässler, Gerhard, assignor.)
General Electric Company. (See Hathaway, Claude M. assignor.)
General Electric Company. (See Hauffe, Friedrich, assignor.)
General Electric Company. (See Hausler, George M., assignor.)
General Electric Company. (See Hays, David, assignor.)
General Electric Company. (See Heckman, Walter C., assignor.)
General Electric Company. (See Heinrich, Kurt, assignor.)
General Electric Company. (See Hemphill, Lawrence F., assignor.)
General Electric Company. (See Hendricks, Allen B., Jr., assignor.)
General Electric Company. (See Hennelly, Edward F., assignor.)
General Electric Company. (See Hermann, Benjamin R., assignor.)
General Electric Company. (See Hermann, Peter-Konrad, assignor.)
General Electric Company. (See Herskind, Carl C., assignor.)
General Electric Company. (See Herzog, K., and Vafiadis, assignors.)
General Electric Company. (See Hewlett, Clarence W., assignor.)
General Electric Company. (See Hinnüber, Josef, assignor.)
General Electric Company. (See Hirose, M., and Kamogawa, assignors.)
General Electric Company. (See Hobart, Henry M., assignor.)
General Electric Company. (See Hoffmann, Bruno, assignor.)
General Electric Company. (See Hoffman, Daniel C., assignor.)
General Electric Company. (See Holm-Hansen, Osmund. assignor.)
General Electric Company. (See Holm-Hansen, O., and Dowell, assignors.)
General Electric Company. (See Hölters, Fritz, assignor.)
General Electric Company. (See Hopper, Arthur J. assignor.)
General Electric Company. (See Hornfeck, Anthony J., assignor.)
General Electric Company. (See Hotchkiss, Allen G., assignor.)
General Electric Company. (See Howard, Alan, assignor.)
General Electric Company. (See Howe, Goodwin H., assignor.)
General Electric Company. (See Hull, Albert W., assignor.)
General Electric Company. (See Hurst, Orion H., assignor.)
General Electric Company. (See Hutt, Philip, assignor.)
General Electric Company. (See Iden, Fred B., assignor.)
General Electric Company. (See Illingworth, George, assignor.)
General Electric Company. (See Jahde, W., and Plass.)
General Electric Company. (See Jenkins, Henry G., assignor.)
General Electric Company. (See Jenkins, H. G., and McKeag, assignors.)
General Electric Company. (See Jennings, Clair E., assignor.)
General Electric Company. (See Johnson, E. S., Kilander, and Reid, assignors.)
General Electric Company. (See Jones, Benjamin W., assignor.)
General Electric Company. (See Jones, B. W., and Lauder, assignors.)
General Electric Company. (See Kaar, Ira J., assignor.)
General Electric Company. (See Kalsing, H., Krefft, and Rössler, assignors.)
General Electric Company. (See Karsten, Walter F. R., assignor.)
General Electric Company. (See Kaufmann, Otto, assignor.)
General Electric Company. (See Kearsley, William K., assignor.)
General Electric Company. (See Keep, O. A., and Aydelott, assignors.)
General Electric Company. (See Kergel, H., and Christiansen, assignors.)
General Electric Company. (See Kiltie, Ordean, assignor.)
General Electric Company. (See Kimball, Donald G., assignor.)
General Electric Company. (See Kingdon, Kenneth H., assignor.)
General Electric Company. (See Kjolseth, Ole K., assignor.)
General Electric Company. (See Klemperer, Hans, assignor.)
General Electric Company. (See Kling, August J., assignor.)
General Electric Company. (See Klopprogge, Martin, assignor.)
General Electric Company. (See Knowlton, Paul H., assignor.)
General Electric Company. (See Knowlton, Paul H., Jr., assignor.)
General Electric Company. (See Köchling, Wilhelm, assignor.)
General Electric Company. (See Konn, Felix, assignor.)
General Electric Company. (See Kostka, Friedrich, assignor.)
General Electric Company. (See Kraft, Hans, assignor.)
General Electric Company. (See Krämer, Werner, assignor.)
General Electric Company. (See Krefft, H., Larché, and Thomas, assignors.)
General Electric Company. (See Krines, Oskar, assignor.)
General Electric Company. (See Kuehni, Hans P., assignor.)
General Electric Company. (See Kühne, J., and Dresler, assignors.)
General Electric Company. (See Lait, J. R., and Pirani, assignors.)
General Electric Company. (See Langmuir, Irving, assignor.)
General Electric Company. (See La Pierre, Cramer W., assignor.)
General Electric Company. (See La Roque, Harold B., assignor.)
General Electric Company. (See Larrecq, Anthony J., assignor.)
General Electric Company. (See Latta, Isaac R., assignor.)
General Electric Company. (See Lauder, Arthur H., assignor.)
General Electric Company. (See Lautsch, Werner, assignor.)
General Electric Company. (See Lecorguillier, Jean, assignor.)
General Electric Company. (See Lederer, Anton, assignor.)
General Electric Company. (See Ledig, W., Trebbin, and Seffert, assignors.)
General Electric Company. (See Leeds, Laurance M., assignor.)
General Electric Company. (See Leegard, Clifford W., assignor.)
General Electric Company. (See Lemmens, H. J., Uyterhoeven, and Smelt, assignors.)
General Electric Company. (See Lenk, Wilhelm, assignor.)
General Electric Company. (See Lennox, Thomas C., assignor.)
General Electric Company. (See Lennox, T. C., and Minneci.)
General Electric Company. (See Lenz, Kurt, assignor.)
General Electric Company. (See Leonard, Vincent W., assignor.)
General Electric Company. (See Letteron, Henry A., assignor.)
General Electric Company. (See Levoy, Louis G., Jr., assignor.)
General Electric Company. (See Lincks, George F., assignor.)
General Electric Company. (See Linde, Leonard J., assignor.)
General Electric Company. (See Linde, L. J., and Andersen, assignors.)
General Electric Company. (See Lindemann, Charles A., assignor.)
General Electric Company. (See Lohausen, Karl A., assignor.)
General Electric Company. (See Loveland, Robert P., assignor.)

General Electric Company. (See Lowe, James D., assignor.)
General Electric Company. (See Ludbrook, Leslie C., assignor.)
General Electric Company. (See Lukens, Alan F., assignor.)
General Electric Company. (See Lund, Wilfrid H., assignor.)
General Electric Company. (See MacDonald, C., and McNairy, assignors.)
General Electric Company. (See Mahl, Hans, assignor.)
General Electric Company. (See Malloy, Frank J., assignor.)
General Electric Company. (See Marshall, Myron B., Jr., assignor.)
General Electric Company. (See Marshaus, Anthony J., assignor.)
General Electric Company. (See Mason, Charles R., assignor.)
General Electric Company. (See Maycock, William H., assignor.)
General Electric Company. (See Mayer, Harry F., assignor.)
General Electric Company. (See McArthur, Elmer D., assignor.)
General Electric Company. (See McArthur, E. D., and Rowe, assignors.)
General Electric Company. (See McCarty, Orin P., assignor.)
General Electric Company. (See McCune, Francis K., assignor.)
General Electric Company. (See McKeag, Alfred H., assignor.)
General Electric Company. (See McKeag, A. H., and Randall, assignors.)
General Electric Company. (See McLachlan, Willard J., assignor.)
General Electric Company. (See McLachlan, W. J., and Birchard, assignors.)
General Electric Company. (See McMahan, Kenton D., assignor.)
General Electric Company. (See McNairy, Jacob W., assignor.)
General Electric Company. (See Melchior, P., Pohl, and Cordes, assignors.)
General Electric Company. (See Merrill, Frank W., assignor.)
General Electric Company. (See Mershon, Alfred V., assignor.)
General Electric Company. (See Metcalf, George F., assignor.)
General Electric Company. (See Mey, Karl, assignor.)
General Electric Company. (See Mikelson, Walter, assignor.)
General Electric Company. (See Miles, Lawrence D., assignor.)
General Electric Company. (See Miller, Robert H., assignor.)
General Electric Company. (See Miller, William H., assignor.)
General Electric Company. (See Miner, James H., assignor.)
General Electric Company. (See Minneci, Salvatore, assignor.)
General Electric Company. (See Mittag, Albert H., assignor.)
General Electric Company. (See Modlinger, Richard, assignor.)
General Electric Company. (See Moe, William W., assignor.)
General Electric Company. (See Moehler, Otto J., assignor.)
General Electric Company. (See Moffett, Guy A., assignor.)
General Electric Company. (See Moore, Roy W., assignor.)
General Electric Company. (See Morack, Marvin M., assignor.)
General Electric Company. (See Moriarty, Charles D., assignor.)
General Electric Company. (See Morrill, Wayne J., assignor.)
General Electric Company. (See Morrill, Weston, assignor.)
General Electric Company. (See Morrill, W. J., and Horning, assignors.)
General Electric Company. (See Morse, Harold F., assignor.)
General Electric Company. (See Mortimer, George W., assignor.)
General Electric Company. (See Moyer, Elmo E., assignor.)
General Electric Company. (See Moyer, E. E., and Livingston, assignors.)
General Electric Company. (See Muir, Walter, assignor.)
General Electric Company. (See Müller, Gustav, assignor.)
General Electric Company. (See Müllner, Friedrich, assignor.)
General Electric Company. (See Murad, Walter, assignor.)
General Electric Company. (See Mynall, Dennis J., assignor.)
General Electric Company. (See Navias, Louis, assignor.)
General Electric Company. (See Nerad, Anthony J., assignor.)
General Electric Company. (See Newell, Heber L., assignor.)
General Electric Company. (See Newman, Delbert F., assignor.)
General Electric Company. (See Nordlander, Birger W., assignor.)
General Electric Company. (See Nordlander, B. W., and Burnett, assignors.)
General Electric Company. (See Norgaard, Donald E., assignor.)
General Electric Company. (See Nowak, P., Hofmeier, and Tobias, assignors.)
General Electric Company. (See Nowak, P., and Triantaphyllides, assignors.)
General Electric Company. (See Ogden, Harold S., assignor.)
General Electric Company. (See O'Neil, James A., assignor.)
General Electric Company. (See Palmer, Harry L., assignor.)
General Electric Company. (See Partington, Robert M., assignor.)
General Electric Company. (See Partridge, John H., assignor.)
General Electric Company. (See Patnode, Winton I., assignor.)
General Electric Company. (See Peters, Leo R., assignor.)
General Electric Company. (See Peterson, Carl U., assignor.)
General Electric Company. (See Peterson, Harold A., assignor.)
General Electric Company. (See Phillips, Lester L., assignor.)
General Electric Company. (See Pieplow, Hans W., assignor.)
General Electric Company. (See Piercy, Carl A., assignor.)
General Electric Company. (See Piercy, C. A., and Crandall, assignors.)
General Electric Company. (See Pipkin, Marvin, assignor.)
General Electric Company. (See Pirani, Marcello, assignor.)
General Electric Company. (See Pirani, M., and Partridge, assignors.)
General Electric Company. (See Pohler, Georg, assignor.)
General Electric Company. (See Powers, James H., assignor.)
General Electric Company. (See Pratt, William H., assignor.)
General Electric Company. (See Price, David C., assignor.)
General Electric Company. (See Price, Thomas W., assignor.)
General Electric Company. (See Prideaux, Gwilym F., assignor.)
General Electric Company. (See Prince, David C., assignor.)
General Electric Company. (See Puppe, Heinz, assignor.)
General Electric Company. (See Race, Hubert H., assignor.)
General Electric Company. (See Ramo, Simon, assignor.)
General Electric Company. (See Randall, John T., assignor.)
General Electric Company. (See Rankin, William K., assignor.)
General Electric Company. (See Rasmussen, T. J., and Humberstone, assignors.)
General Electric Company. (See Read, John C., assignor.)
General Electric Company. (See Reardon, Robert T., assignor.)
General Electric Company. (See Reese, Rudolf, assignor.)
General Electric Company. (See Reinker, Gerald E., assignor.)
General Electric Company. (See Remscheid, Emil J., assignor.)
General Electric Company. (See Renner, William E., assignor.)
General Electric Company. (See Reynolds, Abram M., assignor.)
General Electric Company. (See Rhea, Thomas R., assignor.)
General Electric Company. (See Rice, Chester W., assignor.)
General Electric Company. (See Rich, Theodore A., assignor.)
General Electric Company. (See Rich, T. A., Meahl, and Michel, assignors.)
General Electric Company. (See Richardson, Ernest L., assignor.)
General Electric Company. (See Richardson, Lycurgus W., assignor.)
General Electric Company. (See Rietsch, Eberhard, assignor.)
General Electric Company. (See Roberts, Willard A., assignor.)
General Electric Company. (See Robinson, Ernest L., assignor.)
General Electric Company. (See Robinson, Thomas F., assignor.)

General Electric Company. (See Roder, Hans, assignor.)
General Electric Company. (See Rogers, Harold W., assignor.)
General Electric Company. (See Rogers, James J., assignor.)
General Electric Company. (See Rogers, S. E., and Whiteley, assignors.)
General Electric Company. (See Root, Charles S., assignor.)
General Electric Company. (See Rosch, Arthur, assignor.)
General Electric Company. (See Rowe, William H., assignor.)
General Electric Company. (See Rowell, Ralph M., assignor.)
General Electric Company. (See Runaldue, Lewis R., assignor.)
General Electric Company. (See Russell, John J., assignor.)
General Electric Company. (See Ryde, John W., assignor.)
General Electric Company. (See Ryder, Clifford, assignor.)
General Electric Company. (See Safford, Moyer M., assignor.)
General Electric Company. (See St. Palley, Zoltan O., assignor.)
General Electric Company. (See Sambleson, R. F., and Brown, assignors.)
General Electric Company. (See Sampson, James M., assignor.)
General Electric Company. (See Sanders, Homer M., assignor.)
General Electric Company. (See Schaefer, Edward J., assignor.)
General Electric Company. (See Scheldorf, Marvel W., assignor.)
General Electric Company. (See Schmidt, Alfred M., assignor.)
General Electric Company. (See Schmidt, August, Jr., assignor.)
General Electric Company. (See Schmidt, Hellmuth O., assignor.)
General Electric Company. (See Schmitt, Richard H., assignor.)
General Electric Company. (See Schuhmann, Hans, assignor.)
General Electric Company. (See Schulze, Richard, assignor.)
General Electric Company. (See Schulze, Walter, assignor.)
General Electric Company. (See Schurig, Otto R., assignor.)
General Electric Company. (See Scott, William J., assignor.)
General Electric Company. (See Scott, W. J., and Bourne, assignors.)
General Electric Company. (See Scoville, Merritt E., assignor.)
General Electric Company. (See Seaman, Joseph W., assignor.)
General Electric Company. (See Seeley, Harold T., assignor.)
General Electric Company. (See Severin, Carl, assignor.)
General Electric Company. (See Shaw, Hubert R., assignor.)
General Electric Company. (See Shaw, Roscoe D., assignor.)
General Electric Company. (See Shepherd, Thomas C. R., assignor.)
General Electric Company. (See Shofstall, Norton F., assignor.)
General Electric Company. (See Shoults, David R., assignor.)
General Electric Company. (See Sittel, Alfred, assignor.)
General Electric Company. (See Skeats, Wilfred F., assignor.)
General Electric Company. (See Skinner, Charles K., assignor.)
General Electric Company. (See Smith, Arthur R., assignor.)
General Electric Company. (See Smith, Charles C., assignor.)
General Electric Company. (See Smith, Donald R., assignor.)
General Electric Company. (See Smith, Henry M., assignor.)
General Electric Company. (See Smith, Sidney R., assignor.)
General Electric Company. (See Sohles, Leroy P., assignor.)
General Electric Company. (See Somes, Arthur D., assignor.)
General Electric Company. (See Spencer, George A., assignor.)
General Electric Company. (See Spielhagen, Walter, assignor.)
General Electric Company. (See Sprenger, Richard, assignor.)
General Electric Company. (See Sprong, Severn D., assignor.)
General Electric Company. (See Stansel, Numan R., assignor.)
General Electric Company. (See Starr, Frank M., assignor.)
General Electric Company. (See Statz, W., and Malsch, assignors.)
General Electric Company. (See Steenstrup, Christian, assignor.)
General Electric Company. (See Steudel, Eberhard, assignor.)
General Electric Company. (See Steyskal, Herbert, assignor.)
General Electric Company. (See Stiles, Harry L., assignor.)
General Electric Company. (See Stonehill, Cyrus, assignor.)
General Electric Company. (See Strauss, Ferdinand E., assignor.)
General Electric Company. (See Stroebel, George W., assignor.)
General Electric Company. (See Stubbs, Albert, assignor.)
General Electric Company. (See Suits, Chauncey G., assignor.)
General Electric Company. (See Taylor, Hamilton D., assignor.)
General Electric Company. (See Teker, John W., assignor.)
General Electric Company. (See Thearle, Ernest L., assignor.)
General Electric Company. (See Thieme, Paul, assignor.)
General Electric Company. (See Thomas, Henry P., assignor.)
General Electric Company. (See Thompson, Louis W., assignor.)
General Electric Company. (See Thompson, L. W., and Mohler, assignors.)
General Electric Company. (See Thorson, Harry L., assignor.)
General Electric Company. (See Toda, Yoshiaki, assignor.)
General Electric Company. (See Tonks, Lewi, assignor.)
General Electric Company. (See Townsend, George R., assignor.)
General Electric Company. (See Traver, Oliver C., assignor.)
General Electric Company. (See Travers, Fred H., assignor.)
General Electric Company. (See Trebbin, G., Ledig, and Helwig, assignors.)
General Electric Company. (See Treubert, Ludwig, assignor.)
General Electric Company. (See Tröger, Richard, assignor.)
General Electric Company. (See Troy, Matthew O., assignor.)
General Electric Company. (See Truesdell, Henry P., assignor.)
General Electric Company. (See Twiss, Robert H., assignor.)
General Electric Company. (See Uhlrig, Harry W., assignor.)
General Electric Company. (See Umansky, Leonid A., assignor.)
General Electric Company. (See Underhill, George H., assignor.)
General Electric Company. (See Unger, Magnus, assignor.)
General Electric Company. (See Uyterhoeven, W., Verburg, Schouwstra, and Mutsaers, assignors.)
General Electric Company. (See van Alphen, P. M., Dorgelo, and Lemmens, assignors.)
General Electric Company. (See van Liempt, Johannes A. M., assignor.)
General Electric Company. (See Van Nest, Francis H. assignor.)
General Electric Company. (See Ver Planck, D. W., and Brink, assignors.)
General Electric Company. (See Verse, Hansheinrich, assignor.)
General Electric Company. (See Veszi, Gâbor, assignor.)
General Electric Company. (See Vienneau, Jacob J., assignor.)
General Electric Company. (See von Hoorn, Fred G., assignor.)
General Electric Company. (See Wade, Allan J., assignor.)
General Electric Company. (See Wall, Horace, assignor.)
General Electric Company. (See Walle, Ludwig S., assignor.)
General Electric Company. (See Wardwell, George W., Jr., assignor.)
General Electric Company. (See Wardwell, G. W., Jr., and Arnett, assignors.)
General Electric Company. (See Warner, Donald F., assignor.)
General Electric Company. (See Warren, Glenn B., assignor.)
General Electric Company. (See Warrington, Albert R. van C., assignor.)
General Electric Company. (See Wasmund, Reinhard, assignor.)
General Electric Company. (See Watts, George V., assignor.)
General Electric Company. (See Watts, Noble H., assignor.)
General Electric Company. (See Weder, William J., assignor.)

General Electric Company. (See Welch, Alanson U., Jr., assignor.)
General Electric Company. (See Welch, A. U., Jr., and Foster, assignors.)
General Electric Company. (See West, Harry R., assignor.)
General Electric Company. (See Westendorp, Willem F., assignor.)
General Electric Company. (See Weston, Frederick H., assignor.)
General Electric Company. (See White, L. D., and Stewart, assignors.)
General Electric Company. (See Whiteley, Austyn L., assignor.)
General Electric Company. (See Whiteman, C. F., and Halliday, assignors.)
General Electric Company. (See Whiting, Max A., assignor.)
General Electric Company. (See Wieseman, Robert W., assignor.)
General Electric Company. (See Williams, Edwin A., assignor.)
General Electric Company. (See Willis, Clodius H., assignor.)
General Electric Company. (See Winter, Fred H., assignor.)
General Electric Company. (See Wood, Alexander P., assignor.)
General Electric Company. (See Wood, Orla L., assignor.)
General Electric Company. (See Woodson, Thomas T., assignor.)
General Electric Company. (See Woodward, Bernard, assignor.)
General Electric Company. (See Woodworth, John L., assignor.)
General Electric Company. (See Wright, Daniel K., assignor.)
General Electric Company. (See Wright, D. K., and Weston, assignors.)
General Electric Company. (See Wyer, Richard F., assignor.)
General Electric Company. (See Young, W. R., and Bryant, assignors.)
General Electric Company. (See Zecher, G., and Uyterhoeven, assignors.)
General Electric Company. (See Zelt, Elmer J., assignor.)
General Electric Company. (See Ziegenbein, Wilhelm, assignor.)
General Electric Company. (See Zupanec, William, assignor.)
General Electric Company Limited, The. (See Coates, Herbert J., assignor.)
General Electric Company Limited, The. (See Espley, D. C., and Walter, assignors.)
General Electric Company Limited, The. (See Johnson, W. A., and Turner, assignors.)
General Electric Company Limited. (See Jones, Arthur F., assignor.)
General Electric Company Limited. (See Price, George H. S., assignor.)
General Electric Company Limited, The. (See Puckette, C. C., and Warrington, assignors.)
General Electric Company Limited, The. (See Ramsay, Henry T., assignor.)
General Electric Signal Company. (See Phinney, Robert M., assignor.)
General Electric X-Ray Corporation. (See Atlee, Zed J., assignor.)
General Electric X-Ray Corporation. (See Files, Glenn W., assignor.)
General Electric X-Ray Corporation. (See Grobe, Julius J., assignor.)
General Electric X-Ray Corporation. (See Kent, Henry A., assignor.)
General Electric X-Ray Corporation. (See Kizaur, Arthur J., assignor.)
General Electronics Corporation. (See Clark, Dudley B., assignor.)
General Engineering Company, The. (See Heginbotham, J. H., and Stanley, assignors.)
General Engineering Company, The. (See Lowe, Richard H., assignor.)
General Fire Extinguisher Company. (See Knight, Ira W., assignor.)
General Fire Extinguisher Company. (See Roberts, Arthur, assignor.)
General Fire Extinguisher Company. (See Weston, William D., assignor.)
General Fireproofing Company, The. (See Gibson, George R., assignor.)
General Fireproofing Company, The. (See Herold, Walter F., assignor.)
General Foods Corporation. (See Rector, T. M., and Stagmeier, assignors.)
General Houses, Inc. (See Fisher, Howard T., assignor.)
General Ice Cream Corporation. (See White, H. L., and Keenan, assignors.)
General Industries Company, The. (See Borchers, Alwin C., assignor.)
General Industries Company. (See Catucci, Pliny, assignor.)
General Industries Company, The. (See Lannerd, Paul U., assignor.)
General Industries Company, The. (See Rich, Russell H., assignor.)
General Luminescent Corporation. (See Isenberg, Sampson, assignor.)
General Luminescent Corporation. (See Isenberg, S., and Hultgren, assignors.)
General Metals Powder Company, The. (See Fisher, John S., assignor.)
General Metalware Company. (See Damkroger, H. A., and Niggeler, assignors.)
General Mill Equipment Company. (See Stoltzfus, Sylvanus H., assignor.)
General Mills, Inc. (See Andrews, John S., assignor.)
General Mills, Inc. (See Borchardt, Lester F., assignor.)
General Mills, Inc. (See Felt, C. E., and Huber, assignors.)
General Mills Inc. (See Jakobsen, Jakob L., assignor.)
General Mills, Inc. (See James, Thomas R., assignor.)
General Mills, Inc. (See Parrish, M., Jr., and James, assignors.)
General Motors Corporation. (See Alexander, D. F., Henney, and Paulus, assignors.)
General Motors Corporation. (See Almen, John O., assignor.)
General Motors Corporation. (See Anderson, Edmund E., assignor.)
General Motors Corporation. (See Anibal, Benjamin H., assignor.)
General Motors Corporation. (See Antonidis, John E., assignor.)
General Motors Corporation. (See Arthur, James L., assignor.)
General Motors Corporation. (See Babitch, Abraham M., assignor.)
General Motors Corporation. (See Bacon, Elbridge F., assignor.)
General Motors Corporation. (See Bailey, Charles S., assignor.)
General Motors Corporation. (See Baillio, Alexander F., assignor.)
General Motors Corporation. (See Bartels, Raymond H., assignor.)
General Motors Corporation. (See Bichowsky, Francis R., assignor.)
General Motors Corporation. (See Biederman, Edward G., assignor.)
General Motors Corporation. (See Birt, H. B., and Pritchard, assignors.)
General Motors Corporation. (See Birt, H. B., Pritchard, and Daily, assignors.)
General Motors Corporation. (See Blackmore, L., and Seelinger, assignors.)
General Motors Corporation. (See Blomberg, Martin P., assignor.)
General Motors Corporation. (See Boegehold, Alfred L., assignor.)
General Motors Corporation. (See Brackett, Tracy F., assignor.)
General Motors Corporation. (See Brian, William S., assignor.)
General Motors Corporation. (See Brogren, Erik R., assignor.)
General Motors Corporation. (See Brouwer, Rodger D., assignor.)
General Motors Corporation. (See Bychinsky, Wilfred A., assignor.)
General Motors Corporation. (See Campbell, Andrew G., assignor.)
General Motors Corporation. (See Candor, Robert R., assignor.)
General Motors Corporation. (See Carlson, Wilbur L., assignor.)
General Motors Corporation. (See Carmichael, Thomas J., assignor.)
General Motors Corporation. (See Carnegie, William L., assignor.)
General Motors Corporation. (See Chambers, Jewel C., assignor.)
General Motors Corporation. (See Chaminade, Leon A., assignor.)
General Motors Corporation. (See Chase, Theron P., assignor.)
General Motors Corporation. (See Chayne, C. A., and Dolza, assignors.)
General Motors Corporation. (See Chayne, C. A., and Reynolds, assignors.)
General Motors Corporation. (See Chilton, William D., assignor.)
General Motors Corporation. (See Claytor, Edward M., assignor.)
General Motors Corporation. (See Collins, Harry A., assignor.)
General Motors Corporation. (See Conlon, James L., assignor.)
General Motors Corporation. (See Conwell, Scott R., assignor.)
General Motors Corporation. (See Corbin, Douglas H., assignor.)
General Motors Corporation. (See Cotter, Bart, assignor.)
General Motors Corporation. (See Coughtry, William R., assignor.)
General Motors Corporation. (See Cramer, Raymond H., assignor.)

General Motors Corporation. (See Cramer, R. H., and Hutchinson, assignors.)
General Motors Corporation. (See Crane, Henry M., assignor.)
General Motors Corporation. (See Criswell, Carmer, assignor.)
General Motors Corporation. (See Critchfield, Robert M., assignor.)
General Motors Corporation. (See Critchfield, R. M., and Phelps, assignors.)
General Motors Corporation. (See Critchfield, R. M., and White, assignors.)
General Motors Corporation. (See Dasher, Don E., assignor.)
General Motors Corporation. (See Davis, James H., assignor.)
General Motors Corporation. (See Davis, J. H., Koehring, and Marvin, assignors.)
General Motors Corporation. (See Delaval-Crow, Thomas C., assignor.)
General Motors Corporation. (See De Roo, W. C., Schwarz, and Agramonte, assignors.)
General Motors Corporation. (See Dick, H. J., and Gibson, assignors.)
General Motors Corporation. (See Dickey, Ernest, assignor.)
General Motors Corporation. (See Dilworth, Richard M., assignor.)
General Motors Corporation. (See Dolza, John, assignor.)
General Motors Corporation. (See Dyer, John B., assignor.)
General Motors Corporation. (See Edwards, William C., assignor.)
General Motors Corporation. (See Ehlers, Russell W., assignor.)
General Motors Corporation. (See Elsey, George W., assignor.)
General Motors Corporation. (See Ericson, Anton F., assignor.)
General Motors Corporation. (See Eshbaugh, Jesse E., assignor.)
General Motors Corporation. (See Eshbaugh, J. E., and Walker, assignors.)
General Motors Corporation. (See Exner, Virgil M., assignor.)
General Motors Corporation. (See Falge, R. N., and Mead, assignors.)
General Motors Corporation. (See Fessler, A. H., Schwartzwalder, and Ehlers, assignors.)
General Motors Corporation. (See Fisher, A. J., Rehbein, and Coates, assignors.)
General Motors Corporation. (See Fleischer, Joseph, assignor.)
General Motors Corporation. (See Flogaus, H. A., and Fox, assignors.)
General Motors Corporation. (See Frantz, Ralph S., assignor.)
General Motors Corporation. (See Fuchs, Henry O., assignor.)
General Motors Corporation. (See Gaubatz, Arthur W., assignor.)
General Motors Corporation. (See Georgiev, Alexander M., assignor.)
General Motors Corporation. (See Geyer, Harvey D., assignor.)
General Motors Corporation. (See Geyer, H. D., and Wolfram, assignors.)
General Motors Corporation. (See Gibbons, Harold R., assignor.)
General Motors Corporation. (See Goodman, William, assignor.)
General Motors Corporation. (See Gordon, J. F., and Bouvy, assignors.)
General Motors Corporation. (See Gould, Richard E., assignor.)
General Motors Corporation. (See Graham, Charles D., assignor.)
General Motors Corporation. (See Green, John T., assignor.)
General Motors Corporation. (See Green, Sven E., assignor.)
General Motors Corporation. (See Grooms, Albert O., assignor.)
General Motors Corporation. (See Hallenbeck, R. W., and Stees, assignors.)
General Motors Corporation. (See Hardy, Vaughn H., assignor.)
General Motors Corporation. (See Harry, Gordon W., assignor.)
General Motors Corporation. (See Hartzell, Herman L., assignor.)
General Motors Corporation. (See Hartzell, H. L., and Hittle.)
General Motors Corporation. (See Hazen, R. M., and McCrae, assignors.)
General Motors Corporation. (See Helgeby, Ralph O., assignor.)
General Motors Corporation. (See Henney, Charles F., assignor.)
General Motors Corporation. (See Henney, C. F., Alexander, and Paulus, assignors.)
General Motors Corporation. (See Hildabolt, John M., assignor.)
General Motors Corporation. (See Hildabolt, J. M., and Shaw, assignors.)
General Motors Corporation. (See Hill, Robert H., assignor.)
General Motors Corporation. (See Hill, R. H., and Schwarz, assignors.)
General Motors Corporation. (See Hills, Arthur W., assignor.)
General Motors Corporation. (See Holliday, Herbert E., assignor.)
General Motors Corporation. (See Hughes, Frederick G., assignor.)
General Motors Corporation. (See Hull, Harry B., assignor.)
General Motors Corporation. (See Hull, H. B., and McCormack, assignors.)
General Motors Corporation. (See Hunt, George, assignor.)
General Motors Corporation. (See Hutchins, W. H., and Rohr, assignors.)
General Motors Corporation. (See Hutchins, W. H., and Wallis, assignors.)
General Motors Corporation. (See Hutchinson, Philip H., assignor.)
General Motors Corporation. (See Jacobs, James W., assignor.)
General Motors Corporation. (See Jennings, C. S., and Gerard, assignors.)
General Motors Corporation. (See Jominy, Walter E., assignor.)
General Motors Corporation. (See Jorgensen, Clarence H., assignor.)
General Motors Corporation. (See Kamrath, Herbert G., assignor.)
General Motors Corporation. (See Karmazin, John, assignor.)
General Motors Corporation. (See Kauffman, Jesse S., assignor.)
General Motors Corporation. (See Kaufman, Daniel L., assignor.)
General Motors Corporation. (See Keiper, Francis P., assignor.)
General Motors Corporation. (See Keller, Clarence J., assignor.)
General Motors Corporation. (See Kelley, Oliver K., assignor.)
General Motors Corporation. (See Keper, Francis P., assignor.)
General Motors Corporation. (See King, Jesse G., assignor.)
General Motors Corporation. (See Klas, Harold W., assignor.)
General Motors Corporation. (See Koehring, Roland P., assignor.)
General Motors Corporation. (See Koubek, J. L., and Taylor, assignors.)
General Motors Corporation. (See Kucher, Andrew A., assignor.)
General Motors Corporation. (See Kurtz, Lee L., assignor.)
General Motors Corporation. (See Lawson, John W., assignor.)
General Motors Corporation. (See Lenel, Fritz V., assignor.)
General Motors Corporation. (See Lewis, Carroll E., assignor.)
General Motors Corporation. (See Lex, Joseph R., assignor.
General Motors Corporation. (See Lex, J. R., and Heupel, assignors.)
General Motors Corporation. (See Lignian, Jean A., assignor.)
General Motors Corporation. (See Long, George R., assignor.)
General Motors Corporation. (See MacPherson, Earle S., assignor.)
General Motors Corporation. (See Mann, C. A., and Stansel, assignors.)
General Motors Corporation. (See May, Lawrence J., assignor.)
General Motors Corporation. (See McCarty, Verle E., assignor.)
General Motors Corporation. (See McCormick, Francis H., assignor.)
General Motors Corporation. (See McDougal, T. G., Fessler, and Barlett, assignors.)
General Motors Corporation. (See McDougal, T. G., Fessler and Schwartzwalder, assignors.)
General Motors Corporation. (See McKinley, C. W., Smith, and Dinsmore, assignors.)
General Motors Corporation. (See McWhorter, J. F., and Geyer, assignors.)
General Motors Corporation. (See Mersheimer, Hans, assignor.)
General Motors Corporation. (See Michel, Clarence A., assignor.)
General Motors Corporation. (See Muller, Lloyd E., assignor.)
General Motors Corporation. (See Murden, William T., assignor.)
General Motors Corporation. (See Nemmer, L. B., and Emmons, assignors.)
General Motors Corporation. (See Newill, Edward B., assignor.)
General Motors Corporation. (See Newill, E. B., McCormack, Wolcott, and Smith, assignors.)

General Motors Corporation. (See Nichols, Charles A., assignor.)
General Motors Corporation. (See Nichols, C. A., and Bish, assignors.)
General Motors Corporation. (See Nyland, Edward R., assignor.)
General Motors Corporation. (See Olley, Maurice, assignor.)
General Motors Corporation. (See Patch, Earl S., assignor.)
General Motors Corporation. (See Pearce, George C., assignor.)
General Motors Corporation. (See Pedder, James F., assignor.)
General Motors Corporation. (See Peet, William H., assignor.)
General Motors Corporation. (See Penn, Melvin P., assignor.)
General Motors Corporation. (See Perrine, Lester E., assignor.)
General Motors Corporation. (See Phelps, A. W., and Weinberg, assignors.)
General Motors Corporation. (See Pierce, E. R., and Hause, assignors.)
General Motors Corporation. (See Pontis, William G., assignor.)
General Motors Corporation. (See Pontis, W. G., and Koehly, assignors.)
General Motors Corporation. (See Poole, Lora E., assignor.)
General Motors Corporation. (See Pritchard, W. C., and Daily, assignors.)
General Motors Corporation. (See Rabezzana, Hector, assignor.)
General Motors Corporation. (See Rabezzana, H., and Bychinsky, assignors.)
General Motors Corporation. (See Rady, William J., assignor.)
General Motors Corporation. (See Ramsaur, Walter R., assignor.)
General Motors Corporation. (See Ramsaur, W. R., and O'Brien, assignors.)
General Motors Corporation. (See Randolph, Donald W., assignor.)
General Motors Corporation. (See Randolph, D. W., and Bigler, assignors.)
General Motors Corporation. (See Randolph, D. W., and McCulloch, assignors.)
General Motors Corporation. (See Rasmussen, Olaf, assignor.)
General Motors Corporation. (See Rasmussen, O., and Pierce, assignors.)
General Motors Corporation. (See Rataiczak, Francis I., assignor.)
General Motors Corporation. (See Reeves, Donald H., assignor.)
General Motors Corporation. (See Reibel, Herman G., assignor.)
General Motors Corporation. (See Rohr, Henry C., assignor.)
General Motors Corporation. (See Rossman, E. F., Fuchs, and Burton, assignors.)
General Motors Corporation. (See Rutherford, Paul H., assignor.)
General Motors Corporation. (See Schjolin, Eric O., assignor.)
General Motors Corporation. (See Schutt, Arthur J., assignor.)
General Motors Corporation. (See Schwartzwalder, K., and Bigler, assignors.)
General Motors Corporation. (See Schwarz, B. A., and De Roo, assignors.)
General Motors Corporation. (See Schweller, Edmund F., assignor.)
General Motors Corporation. (See Seelinger, Horace D., assignor.)
General Motors Corporation. (See Short, Charles R., assignor.)
General Motors Corporation. (See Shutts, Leroy W., assignor.)
General Motors Corporation. (See Shutts, L. W., and Rosenberg, assignors.)
General Motors Corporation. (See Simpson, Emory G., assignor.)
General Motors Corporation. (See Sittler, Edwin C., assignor.)
General Motors Corporation. (See Sleeter, E. B., and Hrust, assignors.)
General Motors Corporation. (See Smith, Harry F., assignor.)
General Motors Corporation. (See Smith, Nelson J., assignor.)
General Motors Corporation. (See Smith, Rolf M., assignor.)
General Motors Corporation. (See Snyder, George, assignor.)
General Motors Corporation. (See Starr, Frank F., assignor.)
General Motors Corporation. (See Stickel, Carl A., assignor.)
General Motors Corporation. (See Stief, Karl, assignor.)
General Motors Corporation. (See Stuerzl, Henry C., assignor.)
General Motors Corporation. (See Summers, Otto M., assignor.)
General Motors Corporation. (See Swarthout, Stanley H., assignor.)
General Motors Corporation. (See Tarleton, Frederic L., assignor.)
General Motors Corporation. (See Taub, Alex, assignor.)
General Motors Corporation. (See Teeter, Wilford H., assignor.)
General Motors Corporation. (See Tetens, Raymond E., assignor.)
General Motors Corporation. (See Thompson, Earl A., assignor.)
General Motors Corporation. (See Thorne, Maurice A., assignor.)
General Motors Corporation. (See Trigg, C. S., and Schweller, assignors.)
General Motors Corporation. (See Tucker, Guy L., assignor.)
General Motors Corporation. (See Upson, Charles A., assignor.)
General Motors Corporation. (See Van Degrift, Thomas C., assignor.)
General Motors Corporation. (See Waeschle, A., and Allan, assignors.)
General Motors Corporation. (See Walker, Nelson, assignor.)
General Motors Corporation. (See Wallis, Cyril T., assignor.)
General Motors Corporation. (See Wallis, C. T., and Fowler, assignors.)
General Motors Corporation. (See Waring, Charles E., assignor.)
General Motors Corporation. (See Webb, Hartwell W., assignor.)
General Motors Corporation. (See Werner, Calvin J., assignor.)
General Motors Corporation. (See Wescott, F., and Norwood, assignors.)
General Motors Corporation. (See White, Joe, assignor.)
General Motors Corporation. (See White, J., and Bertsche, assignors.)
General Motors Corporation. (See Wilkerson, Daniel C., assignor.)
General Motors Corporation. (See Williams, Harry M., assignor.)
General Motors Corporation. (See Wilson, Ernest E., assignor.)
General Motors Corporation. (See Winkler, Wynne G., assignor.)
General Motors Corporation. (See Wolcott, Glenn W., assignor.)
General Motors Corporation. (See Wolcott, Leslie C., assignor.)
General Motors Corporation. (See Wolfram, William S., assignor.)
General Motors Corporation. (See Woodling, George V., assignor.)
General Motors Corporation. (See Youngren, Harold T., assignor.)
General Motors Corporation. (See Zink, George A., assignor.)
General Plastics, Inc. (See Dent, H. M., and Shepard, assignors.)
General Plastics, Inc. (See Shepard, A. F., Boiney, and Sontag, assignors.)
General Printing Ink Corporation. (See Guillo, Harry P., assignor.)
General Printing Ink Corporation. (See Koppe, Alexander T., assignor.)
General Printing Ink Corporation. (See Wilson, Leon R., assignor.)
General Railway Signal Company. (See Branson, Edward H., assignor.)
General Railway Signal Company. (See Brixner, F. W., and Coley, assignors.)
General Railway Signal Company. (See Brown, N. C. L., and Morgan, assignors.)
General Railway Signal Company. (See Brown, N. C. L., and Nilson, assignors.)
General Railway Signal Company. (See Callahan, George T., assignor.)
General Railway Signal Company. (See Dicke, O. H., and Hitchcock, assignors.)
General Railway Signal Company. (See Field, Oscar S., assignor.)
General Railway Signal Company. (See Hailes, William D., assignor.)
General Railway Signal Company. (See Hoppe, Walter H., assignor.)
General Railway Signal Company. (See Howe, Winthrop K., assignor.)
General Railway Signal Company. (See Howe, W. K., and Lindner, assignors.)
General Railway Signal Company. (See Lindner, John C., assignor.)
General Railway Signal Company. (See Mackey, Stuart J., assignor.)
General Railway Signal Company. (See Merkel, Joseph F., assignor.)
General Railway Signal Company. (See Morcom, Thomas H., assignor.)
General Railway Signal Company. (See Phinney, Robert M., assignor.)
General Railway Signal Company. (See Phinney, R. M., and Hitchcock, assignors.)

General Railway Signal Company. (See Preston, Neil D., assignor.)
General Railway Signal Company. (See Preston, N. D., and Hitchcock, assignors.)
General Railway Signal Company. (See Reichard, W. H., and Bushnell, assignors.)
General Railway Signal Company. (See Smith, Percy W., assignor.)
General Railway Signal Company. (See Twitchell, Morton C., assignor.)
General Railway Signal Company. (See Wight, Sedgwick N., assignor.)
General Railway Signal Company. (See Wight, S. N., and Langdon, assignors.)
General Railway Signal Company. (See Willing, Joseph E., assignor.)
General Refractories Company. (See Miller, Fred M., assignor.)
General Refrigeration Corporation. (See Erbach, Fred R., assignor.)
General Refrigeration Corporation. (See Swart, Richard H., assignor.)
General Register Corporation. (See Helsel, Reuben H., assignor.)
General Research, Inc. (See Kamborian, Albert, assignor.)
General Research, Inc. (See Kamborian, J. S., and Movsesian, assignors.)
General Scientific Corporation. (See Kaspar, Frank, assignor.)
General Shoe Corporation. (See Bumpous, Earle T., assignor.)
General Sports, Inc. (See Gammeter, John R., assignor.)
General Spring Corporation. (See Wood, Joseph K., assignor.)
General Steel Castings Corporation. (See Pflager, Harry M., assignor.)
General Steel Castings Corporation. (See Sheehan, William M., assignor.)
General Theatres Equipment Corporation. (See Wall, J. M., and (Thorn, assignors.)
General Thermostat Corporation. (See Reingruber, Frank and J., assignors.)
General Timber Service, Inc. (See Payzant, Henry H., assignor.)
General Time Instruments Corporation. (See Jackson, Edward B., assignor.)
General Time Instruments Corporation. (See Long, Albert E., assignor.)
General Time Instruments Corporation. (See Ostler, Ernest S., assignor.)
General Time Instruments Corporation. (See Schlenker, Max, assignor.)
General Tire & Rubber Company, The. (See Bender, Charles P., assignor.)
General Tire & Rubber Company, The. (See Clough, Lee E., assignor.)
General Tire & Rubber Company, The. (See Dodge, Howard M., assignor.)
General Tire & Rubber Company, The. (See Engler, M. L., and Breth, assignors.)
General Tire & Rubber Company, The. (See Kraft, Herman T., assignor.)
General Tire & Rubber Company. (See Maranville, Harvey F., assignor.)
General Tire & Rubber Company, The. (See McCoy, William C., assignor.)
General Tire & Rubber Company, The. (See Orr, Glenn H., assignor.)
General Tire & Rubber Company, The. (See Smith, Wiley, assignor.)
Geng, Charles J., Nutley, assignor to Wilson-Imperial Company, Newark, N. J. Cleaning composition. 2,186,017; Jan. 9.
Gensburg, David. (See Myers, Louis, assignor.)
Gensburg, Louis W., assignor to Genco, Inc., Chicago, Ill. Rebound switch. 2,212,097; Aug. 20.
Gensburg, Myer, assignor to Genco, Inc., Chicago, Ill. Free-play device. 2,207,617; July 9.
Gent, Edgar W., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Remote control. 2,189,548; Feb. 6.
Gent, Edgar W, Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Reeling system and method. 2,195,859; Apr. 2.
Genter, Albert H., Ross Township, Allegheny County, assignor to Duquesne Mine Supply Company, Pittsburgh, Pa. Trolley wire support. 2,187,309; Jan. 16.
Genter, Albert H., Ross Township, Allegheny County, assignor to Duquesne Mine Supply Company, Pittsburgh, Pa. Section switch. 2,187,310; Jan. 16.
Genter, Albert H., Ross Township, Allegheny County, assignor to Duquesne Mine Supply Company, Pittsburgh, Pa. Trolley wire support. 2,187,311; Jan. 16.
Genter, Albert H., Ross Township, Allegheny County, assignor to Duquesne Mine Supply Company, Pittsburgh, Pa. Trolley wire safety device. 2,225,559; Dec. 17.
Gentil, Henri L., assignor to Société d'Electrochimie, d'Electrometallurgie et des Acieries Electriques d'Ugine, Paris, France. Manufacture of aluminum. 2,206,562; July 2.
Gentile, Scipio S., North College Hill, Ohio. Venetian blind. 2,218,508; Oct. 22.
Gentry, Hermond G., Lake Providence, La. Combination Steering and propulsion system. 2,213,520; Sept. 3.
Gentry, Rabron T., Winston-Salem, N. C. Grinding grain. 2,223,931; Dec. 3.
Geo-Frequenta Corporation. (See Peterson, Glen, assignor.)
Geo-Frequenta Corporation. (See Potapenko, Gennady, assignor.)
Geo-Frequenta Corporation. (See Potapenko, G., and Folland, assignors.)
Geohegan, William A., assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Amplifier. 2,208,254; July 16.
Geohegan, William A., assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Amplifier. 2,221,398; Nov. 12.
Geometric Tool Company, The. (See Breitenstein, Albert F., assignor.)
Geophysical Research Corporation. (See Hawthorn, David G., assignor.)
Geophysical Research Corporation. (See Hawthorn, D. G., and Owen, assignors.)
Geophysical Research Corporation. (See Innes, Arland I., assignor.)
Geophysical Research Corporation. (See Owen, John E., assignor.)
Georg. Henning Chem. Pharm. Werk G. m. b. H. (See Wolf, Emil, assignor.)
George, Achilles N., Detroit, Mich. Fish bait. 2,217,677; Oct. 15.
George, Charles L., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Boom type excavator. 2,223,608; Dec. 3.
George, Earl B., Dayton, assignor to Robbins & Myers, Inc., Springfield, Ohio. Combined motor and pump. 2,212,417; Aug. 20.
George, Edgar E., assignor to Dura-Products Manufacturing Company, Canton, Ohio. Tire stand. 2,193,169; Mar. 12.
George, Edward B., Chicago, Ill. Surfacing machine. 2,193,418; Mar. 12.
George, Edward B., Chicago, Ill. Portable surfacing machine. 2,193,419; Mar. 12.
George, Edward B., Chicago, Ill. Surfacing machine abrasive sheet holder. 2,204,486; June 11.
George, Edwin S., Bloomfield Hills, assignor to The Moto-Mower Company, Detroit, Mich. Lawn mower. 2,209,309; July 30.
George, Everett D. (See Anderson, M. G., and George.)
George, Fred, Lakewood, Ohio, assignor to Interchemical Corporation, New York, N. Y. Two-tone gravure printing method. 2,187,420; Jan. 16.
George, Fred, Lakewood, Ohio, assignor, by mesne assignments, to Interchemical Corporation, New York, N. Y. Doctor blade. 2,187,421; Jan. 16.
George, Fred J., Los Angeles, Calif. Mouse trap. 2,195,484; Apr. 2.
George, Glenn C., Omaha, Nebr. Refrigerating system. 2,193,170; Mar. 12.
George, Harry O., Vestal, and T. R. Skofteland, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Control card blank. 2,195,860; Apr. 2.
George, Harry S., Massapequa, N. Y. Producing rails. 2,186,966; Jan. 16.
George, Harry S., Massapequa, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Treating steel rail and the resulting rail and joint. 2,206,839; July 2.
George, Harry S., New York, N. Y. Repaired railroad rail. 2,186,967; Jan. 16.
George, Ralph D. (See Bradley, R. A., and George.)
George, Ralph W., Riverhead, New York, assignor to Radio Corporation of America. Receiving means. Re. 21,473; June 4.
George, Ralph W., Riverhead, N. Y., assignor to Radio Corporation of America. Method of and apparatus for making measurements at ultra high frequencies. 2,191,277; Feb. 20.
George, Ralph W., Riverhead, N. Y., assignor to Radio Corporation of America. Ultra high frequency signal generator. 2,204,179; June 11.
George, Ralph W., Riverhead, N. Y., assignor to Radio Corporation of America. Tube mounting and by-pass condenser. 2,223,172; Nov. 26.
George, Richard S. (See Berger, H. G., George, and Bygaard.)
George, Richard S., State College, Pa., and D. E. Badertscher, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Stabilized mineral oil. 2,226,427; Dec. 24.
George, Roscoe H., West Lafayette, Ind. Ultra high frequency oscillator. 2,216,170; Oct. 1.
George, Roscoe H., West Lafayette, Ind. Electronic indicating system. 2,216,707; Oct. 1.
George, Roscoe H., West Lafayette, Ind., assignor to Radio Corporation of America. Oscillograph apparatus. 2,185,373; Jan. 2.
George, Roscoe H., West Lafayette, Ind., assignor to Radio Corporation of America. Television system. 2,194,278; Mar. 19.

George, Roscoe H., West Lafayette, Ind., assignor to Radio Corporation of America. Cathode ray tube. 2,222,942; Nov. 26.
George, Roscoe H., West Lafayette, Ind., assignor to Radio Corporation of America. Electron switching circuit. 2,222,943; Nov. 26.
George, Roscoe H., West Lafayette, Ind., assignor to Radio Corporation of America. Method and means for producing infrared images. 2,225,044; Dec. 17.
George, Roscoe H., La Fayette, Ind., assignor to Radio Corporation of America. Oscillograph. 2,211,325; Aug. 13.
George, Roscoe H., and H. J. Heim, West Lafayette, Ind. Oscillator. 2,216,169; Oct. 1.
George, Simon C., and J. J. Weber, Pittsburgh, Pa. Safety device for hydraulic brake systems. 2,190,872; Feb. 20.
George, Thomas J., assignor to Hammond Instrument Company, Chicago, Ill. Electrical musical instrument. 2,203,432; June 4.
George, Thomas J., Cincinnati, Ohio, assignor to Hammond Instrument Company, Chicago, Ill. Electrical musical instrument. 2,211,540; Aug. 13.
George Valve Company, The. (See Sifkovitz, George, assignor.)
George, William H. (See Crook, H. L., George, and Kleinsmith.)
Georgi, Willy. (See Westenberger, R., Hauffe, and Georgi.)
Georgiev, Alexander M., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Electrolyte. 2,198,494; Apr. 23.
Georgiev, Alexander M., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Container for electrolytic condensers. 2,203,902; June 11.
Gerard, Frank W. (See Jennings, C. S., and Gerard.)
Gerard, Ludwig, Mannheim-Feudenheim, Germany. Platen printing machine. 2,200,920; May 14.
Gerard, Pierre J., et al. (See Elmer, Robert B., assignor.)
Gerard, Roy H. (See Schwager, A. C., Brock, and Gerard.)
Gerardi, Gennard V., Boston, Mass. Radio receiving system. 2,185,336; Jan. 2.
Gerber, Addington W., St. Louis Park, Minn. Grain distribution. 2,219,226; Oct. 22.
Gerber, Addington W., St. Louis Park, Minn. Joint for flexible spouting. 2,219,227; Oct. 22.
Gerber, Dale C., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,203,463; June 4.
Gerber, Dale C., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,218,166; Oct. 15.
Gerber, Erwin G., West Allis, and C. Wiesendanger, Jr., Milwaukee, Wis. Self-impregnating pad. 2,209,914; July 30.
Gerber, Gottlieb, Newark, N. J. Building structure. 2,208,671; July 23.
Gerber, Isidor. (See Brownstein, Louis, assignor.)
Gerber, Louis, Peoria, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Separation of amino acids from protein. 2,194,302; Mar. 19.
Gerber, Paul D., Woodlynne, N. J., assignor to Radio Corporation of America. Piezoelectric crystal. 2,218,489 Oct. 15.
Gerber, Sidney, Seattle, Wash. Ski pole grip. 2,208,365; July 16.
Gerber, Walter H., assignor to Schutte & Koerting Company, Philadelphia, Pa. Rotameter. 2,218,789; Oct. 22.
Gerber, William L., Jr., assignor to Verbury, Inc., Kansas City, Mo. Sewing machine lighting attachment. 2,217,863; Oct. 15.
Gerdau, Henry J., San Francisco, Calif. Cooking appliance. 2,187,515; Jan. 16.
Gerdes, August G., Clinton, Iowa. Automobile repair tool. 2,185,550; Jan. 2.
Gerdes, Daniel, Astoria, Long Island, N. Y. Two-way ladder. 2,192,830; Mar. 5.
Gerdts, Gustav F., Bremen, Germany. Timing device. 2,212,319; Aug. 20.
Gerecke, Eduard, and O. Deutschbein, Berlin-Grunewald, and W. Schulze, Berlin-Wilmersdorf, assignors to Julius Pintsch Kommanditgesellschaft, Berlin, Germany. Annular fusion joint. 2,200,694; May 14.
Gerhard, Ernst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio beacon system. 2,187,618; Jan. 16.
Gerhard, Ernst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Heterodyne receiver for ultra-short waves. 2,227,078; Dec. 31.
Gerhardt, Andrew H., assignor to Electric Household Utilities Corporation, Chicago, Ill. Hose attachment for washing machines. 2,213,698; Sept. 3.
Gerhold, Clarence G. (See Pyzel, R., and Gerhold, assignors.)
Gerity-Adrian Mfg. Co., The. (See Hunlock, William W., assignor.)
Gerkens, John F. (See Pelikan, K. A. F., Schuelke, and Gerkens.)
Gerlach, Clair S., Slippery Rock, Pa. Building block. 2,206,350; July 2.
Gerlach, Erwin, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Microphone arrangement. 2,197,691; Apr. 16.
Gerlach, Erwin, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Apparatus for cultivating crystals. 2,204,180; June 11.
Gerlach, Erwin, Berlin-Siemenesstadt, assignor to Siemens & Halske Aktiengesellschaft Siemensstadt, near Berlin, Germany. Making sound films. 2,206,547; July 2.
Gerlach, Erwin, Berlin-Siemenstadt, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Switch with visible indicating means. 2,212,829; Aug. 27.
Gerlach, Frank A., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Control and operating mechanism for unloading washers. 2,203,781; June 11.
Gerlach, Norman H. (See Weber, Max, assignor.)
Gerlach, Richard, Leuna, Germany, assignor, by mesne assignments, to W. E. Currie, New York, N. Y. Simultaneous drying of gases and liquids. 2,225,045; Dec. 17.
Gerland, Harry A., Baltimore, Md. Door and window sash. 2,190,263; Feb. 13.
Germain, Daniel J., Haverhill, Mass. Binding attachment for sewing machines. 2,224,261; Dec. 10.
Germain, Edward A., New York, N. Y. Cool smoke pipe. 2,223,302; Nov. 26.
Germain, Peter O., East Greenwich, assignor to Boston Wire Stitcher Company, Warwick, R. I. Fastener-applying implement. 2,218,934; Oct. 22.
German, Freddie H. (See Mendelsohn, L. H., and German.)
German, Maurice D., assignor to Sno-Flake Products Company, Detroit, Mich. Finishing coated metal surfaces. 2,222,562; Nov. 19.
Germann, Frank A., Ripley, Ohio. Automatic jack or safety device. 2,219,686; Oct. 29.
Germany, James H., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pit furnace. 2,215,322; Sept. 17.
Germeck, Carl W., Pittsfield, Mass., assignor to General Electric Company. Radio noise testing equipment. 2,194,303; Mar. 19.
Germer, Edmund, Berlin-Wannsee, Germany. Electrical discharge device. 2,187,736; Jan. 23.
Germer, Edmund, Berlin-Wannsee, Germany. Discharge device. 2,190,657; Feb. 20.
Germer, Edmund, Berlin-Wannsee, Germany. Electrical discharge device. 2,213,245; Sept. 3.
Germer, Edmund, Berlin-Wannsee, Germany. Electrical discharge device. 2,225,495; Dec. 17.
Germer, Edmund, Berlin-Wannsee, Germany, assignor to General Electric Company. Discharge device. 2,202,199; May 28.
Germeshausen, Kenneth J., Cambridge, Mass. Gaseous discharge tube. 2,185,189; Jan. 2.
Germeshausen, Kenneth J., Cambridge, Mass. Electric circuit. 2,201,166; May 21.
Germeshausen, Kenneth J., Cambridge, Mass. Gaseous-discharge device. 2,201,167; May 21.
Germonprez, John A., Grosse Pointe Park, Mich., assignor to Barber-Colman Company, Rockford, Ill. Grille. 2,195,411; Apr. 2.
Germonprez, John A., Detroit, Mich., assignor, by mesne assignments, to Barber-Colman Company. Grille. 2,195,412; Apr. 2.
Germ-proof Cap, Inc. (See Curtin, M. T., and Browne, assignors.)
Gernhardt, Berthold, San Francisco, Calif. Treating food. 2,219,772; Oct. 29.
Gerold, George E. (Se Sjogren, O. W., and Gerold.)
Gerosa, Lawrence, and G. P. Wagner, Bronx, assignors to Speed-Dump, Inc., New York, N. Y. Transporting and dumping vehicle. 2,211,719; Aug. 13.
Gerosa, Lawrence, and G. P. Wagner, assignors to Speed-Dump, Inc., Bronx, N. Y. Transporting and dumping vehicle. 2,211,720; Aug. 13.
Gerosa, Lawrence, and G. P. Wagner, Bronx, assignors to Speed-Dump, Inc., New York, N. Y. Transporting and dumping vehicle. 2,211,721; Aug. 13.
Gerrard Company, The. (See Harvey, L. M., and Allen, assignors.)
Gerrard Company, The. (See Rowe, Martin L., assignor.)
Gerrard Company, The. (See Zaremba, V. F., and Osuch, assignors.)
Gerrard, John M., Chicago, Ill. Band cutter and tensioning device. 2,199,744; May 7.
Gerrells, Maude J., San Antonio, Tex. Automatic dial illuminator. 2,195,672; Apr. 2.
Gerriets, Fred, Alexandria, Va. Emplacement former. 2,202,147; May 28.
Gersbach, Herbert A., Flushing, assignor to Perey Manufacturing Company, Inc., New York, N. Y. Coin or token mechanism. 2,193,962; Mar. 19.
Gerson, Gerhard, Essen-Rellinghausen, and F. W. Nagel, Bochum, Germany. Pressure regulator. 2,201,894; May 21.
Gerson, Joseph, Newark, N. J., assignor to Harry Rubin, New York, N. Y. Knitted fabric and making same. 2,222,944; Nov. 26.
Gersten, William, Brooklyn, N. Y. Fireplace. 2,210,580; Aug. 6.
Gerstenberger, Bruno, M. Hübschmann, and R. Richter, assignors to the firm Carl Zeiss, Jena, Germany. Device for illuminating microscopic objects. 2,206,180; July 2.
Gerstenblith, Irving, New York, N. Y. Safety catch for wrist watch straps. 2,220,642; Nov. 5.

Gerstner, Franz. (See Schuermann, M. O., and Gerstner.)
Gerth, Felix, assignor to C. Lorenz, Aktiengesellschaft, Berlin-Tempelhof, Germany. Condenser. 2,219,921; Oct. 29.
Gertler, Samuel E., assignor of one-half to H. I. Stein, New York, N. Y. Obtaining pure chromium, titanium, and certain other metals and alloys thereof. 2,206,395; July 2.
Gesellschaft fur Linde's Eismaschinen A. G. (See Hausen, Helmuth, assignor.)
Gesellschaft für Lindes Eismaschinen A.-G. et al. (See Steinbacher, Friedrich, assignor.)
Gesellschaft für Linde's Eismaschinen A. G. (See Zerkowitz, Guido, assignor.)
Gesellschaft zur Förderung Zerstörungsfreier Prüfverfahren e. V. (See Trost, Adolf, assignor.)
Gesellschaft Zur Konstruction und Verwertung Automatisch-Mechanischer Getriebe m. b. H. (See Kreis, Friedrich, assignor.)
Gesellschaft Zur Verwertung Chemisch Technischer Verfahren. (See Müller, Robert, assignor.)
Gesellschaft zur Verwertung Chemishtechnischer Verfahren A. G. (See Opatowski, Remo S., assignor.)
Gessin, Emanuel M., et al. (See Gessin, Harry P., assignor.)
Gessin, Harry P., assignor of one-third to M. H. Gessin and one-third to E. M. Gessin, both of Allentown, Pa. Rotary valve for engines and the like. 2,214,726; Sept. 17.
Gessin, Morris H., et al. (See Gessin, Harry P., assignor.)
Gessler, Albert E., assignor to Interchemical Corporation, New York, N. Y. Method and apparatus for drying coated and decorated webs. 2,204,801; June 18.
Gessler, Albert E., assignor to Interchemical Coorporation, New York, N. Y. Controlling web temperatures in printing. 2,204,802; June 18.
Gessler, Samuel, Chicago, Ill., assignor to Chicago Sales and Building Supply Co. Building structure. 2,192,814; Mar. 5.
Getaz, James L., Maryville, Tenn. Knitting. 2,188,295; Jan. 30.
Getaz, James L., Maryville, Tenn. Radio volume control. 2,194,935; Mar. 26.
Getaz, James L., Maryville, Tenn. Automobile transmission. 2,195,365; Mar. 26.
Getaz, James L., Maryville, Tenn. Plain knit ornamented fabric. 2,201,557; May 21.
Getaz, James L., Maryville, Tenn. Plain knitted ornamented fabric having elastic thread incorporated therein and making same. 2,204,731; June 18.
Getaz, James L., Maryville, Tenn. System for transmitting electrical signals. 2,207,794; July 16.
Getaz, James L., Maryville, Tenn., assignor to Scott & Williams, Incorporated, Laconia, N. H. Circular rib knitting machine and operating same. 2,191,378; Feb. 20.
Getaz, James L., Maryville, Tenn., assignor to Servel, Inc., New York, N. Y. System for heating and refrigeration. 2,196,911; Apr. 9.
Getaz, James L., Maryville, Tenn., assignor to Scott & Williams, Incorporated, Laconia, N. H. Fabric. 2,215,393; Sept. 17.
Getaz, James L., New York, N. Y. Control of volume in radio receivers. 2,207,094; July 9.
Getaz, James L., New York, N. Y. Knitting ornamental fabric having elastic thread incorporated therein. 2,210,075; Aug. 6.
Getchell, Benjamin E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Switch rating indicator. 2,192,586; Mar. 5.
Getchell, Raymond E., assignor to B. F. Perkins & Son, Inc., Holyoke, Mass. Spindle. 2,186,525; Jan. 9.
Getefo, Gesellschaft für technischen Fortschritt m. b. H. (See Barényi Béla, assignor.)
Gethin, Ernest L., Morden, and G. D. Worthington, New Malden, England. Marking device for road surfaces. 2,225,496; Dec. 17.
Gette, John O., Jr., Yonkers, N. Y. Torque multiplying device. 2,196,585; Apr. 9.
Gette, John O., Jr., Greens Farms, Conn., assignor to Jalma West, New York, N. Y. Automatic clutch operation for motor vehicles. 2,208,865; July 23.
Gettig, Joseph H., and G. Spatta, assignors to Clark Equipment Company, Buchanan, Mich. Apparatus for reducing tubular blanks. 2,203,956; June 11.
Gettig, Martin S. (See Engelbaugh, H. E., Gettig, and Coburn.)
Gettinger, Joseph, Chicago, Ill. Air cooled internal combustion engine. 2,209,078; July 23.
Gettwart, Klaus, and H. Schmidt, Berlin, Germany. Portable pump and electric motor unit. 2,221,635; Nov. 12.
Geuder, Paeschke & Frey Company. (See Hois, L. J., and Sladky, assignors.)
Geuder, Richard A. (See Harrell, F. E., and Geuder.)
Geuder, Richard A., Cleveland, Ohio, assignor to Reliance Electric and Engineering Company. Induction motor control system. 2,202,419; May 28.
Gevaert Photo-Producten N. V. (See Merckx, P. L. J. R., and Körber, assignors.)
Gevaert Photo-Producten, N. V. (See Robijns, Willem P. M. J., assignor.)
Gevaert Photo-Producten N. V. (See Stevens, Renè, assignor.)
Gewerkschaft Auguste. (See Slatineanu, Eulampiu, assignor.)
Gewin, William M., Dupo, assignor to W. G. Wilson, East St. Louis, Ill. Journal wiper. 2,214,727; Sept. 17.
Gey, William H., Boston, Mass. Holder for electric irons. 2,191,649; Feb. 27.
Geyer, Ernest H., assignor of one-half to H. A. Taubensee, Chicago, Ill. Joint for concrete slabs. 2,208,000; July 16.
Geyer, Ernest H., and H. A. Taubensee, Chicago, Ill. Joint for concrete slabs. 2,186,104; Jan. 9.
Geyer, Ernest H. and M. R., Chicago, Ill. Joint for concrete slabs. 2,193,129; Mar. 12.
Geyer, Ernest H., and H. A. Taubensee, Chicago, Ill. Joint for concrete slabs. 2,208,454; July 16.
Geyer, Harvey D. (See McWhorter, J. F., and Geyer.)
Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Bearing having a nonmetallic fabric lining. 2,188,722; Jan. 30.
Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Michigan. Refrigerator door. 2,190,233; Feb. 13.
Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Acoustic cement. 2,209,451; July 30.
Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Clutch. 2,221,399; Nov. 12.
Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Friction clutch facing. 2,221,400; Nov. 12.
Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Weather strip and scuff strip for automobile body doors. 2,222,200; Nov. 19.
Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Fluid seal assembly. 2,227,304; Dec. 31.
Geyer, Harvey D., and W. S. Wolfram, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Pneumatic cushion. 2,226,605; Dec. 31.
Geyer, Leon E., Washington, D. C., assignor of seventeen and one-half per cent to G. A. Brace, Chicago, Ill. Signal device for vehicles. 2,222,765; Nov. 26.
Geyer, Marion R. (See Geyer, Ernest H. and M. R.)
Geyer, Walter, Berlin, Germany. Circulation of liquid in chemical baths. 2,222,224; Nov. 19.
Geyer, William O., Bloomfield, N. J. Adapter for reagent bottles. 2,224,222; Dec. 10.
Geyger, Wilhelm, Berlin-Schmargendorf, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Apparatus for simultaneously measuring two magnitudes through a common line section. 2,210,936; Aug. 13.
Geyser, Emil K., Pittsburgh, Pa. Window sash. 2,201,577; May 21.
Gezelius, Roy A. (See Canfield, R. H., Kaiser, Gezelius, and Jerabek.)
Gialloreto, Frank. (See Gialloreto, Theodore and F., and Montalbano.)
Gialloreto, Theodore and F., and M. Montalbano, Chicago, Ill.; said Montalbano assignor to said T. and said F. Gialloreto. Grease dispenser. 2,208,840; July 23.
Giambalvo, Vito, Brooklyn, assignor to Interchemical Corporation, New York, N. Y. Purification of aromatic nitriles. 2,186,754; Jan. 9.
Giambra, Cataldo, New York, N. Y. Convertible type bicycle. 2,227,252; Dec. 31.
Giammaria, John J. (See Reiff, O. M., Giammaria, and Redman.)
Giammaria, John J. (See Reiff, O. M., Otto, Giammaria, and Oberright.)
Giannini, G. M., & Co. (See Fermi, E., Amaldi, Pontecorvo, Rasetti, and Segre, assignors.)
Giannini, Gabriel M., Plandome, N. Y., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Sound translating device. 2,194,070; Mar. 19.
Giannone, Angelo J. (See Smythe, Roy, assignor.)
Giansetto, Eugenio, Buenos Aires, Argentina. Valve mechanism for water closets. 2,188,457; Jan. 30.
Giant Grip Manufacturing Company. (See Altendorf, George A., assignor.)
Giardina, Vincent J., Baton Rouge, La. Safety lock. 2,212,771; Aug. 27.
Gibb, Donald L., and R. D. Freeman, assignors to The Dow Chemical Company, Midland, Mich. Manufacture of uniform resinous articles. 2,215,733; Sept. 24.
Gibb, John A. (See Berkeley, F. D., and Gibb.)
Gibb, John A. (See Kraft, W. W., Zimmerman, and Gibb.)
Gibb, John A., New Rochelle, assignor to The Lummus Company, New York, N. Y. Heat exchanger. 2,223,318; Nov. 26.
Gibbens, William J., Jr., New Orleans, La. Basket for centrifugal machines. 2,226,463; Dec. 24.
Gibbins, Leslie B. (See Taylor, W. I., and Gibbins.)
Gibbons, Harold R., Chatham, N. J., assignor to General Motors Corporation, Detroit, Mich. Roller bearing. 2,218,985; Oct. 22.
Gibbons, John, Brooklyn, N. Y. Cushioned bumper. 2,202,050; May 28.
Gibbons, Vincent J., Columbus, Ohio. Rolling metallic sheet and plate materials. 2,193,231; Mar. 12.
Gibbons, Walter E., Kenmore, N. Y. Insulator. 2,193,921; Mar. 19.

Gibbons, Willis A., Montclair, and J. McGavack, Leonia, N. J., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Treatment of latex. 2,203,866; June 11.
Gibbs, Alec J. G., Luton, England. Production of colored or pictorial designs. 2,217,270; Oct. 8.
Gibbs, Curtis W., assignor to Bottlers Equipment Company, Fort Worth, Tex. Mixing machine. 2,190,421; Feb. 13.
Gibbs, Edward F-G., Detroit, Mich. Live center. 2,186,921; Jan. 9.
Gibbs, Frank C., Oak Park, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system. 2,196,494; Apr. 9.
Gibbs, Harry F., Warren, and G. A. Braun, Cortland, Ohio. Removable air-cooled and insulated slag pot. 2,193,403; Mar. 12.
Gibbs, John C., Brooklyn, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Closure cap. 2,200,081; May 7.
Gibbs, Martin L., Flagstaff, Ariz. Material hoist or elevator. 2,192,546; Mar. 5.
Gibbs, Oscar C., Lakeview, Oreg. Telescope sight. 2,224,783; Dec. 10.
Gibbs, Walter A., Holly Oak, Del. Removing bones from fish. 2,203,566; June 4.
Gibbs, Walter A., Holly Oak, Del. Animal trap. 2,216,665; Oct. 1.
Gibbs, Walter A., Holly Oak, Del. Apparatus for boning fish. 2,224,045; Dec. 3.
Gibbs, Walter M., Chicago, Ill. Waste grab preventer. 2,195,814; Apr. 2.
Gibbs, William J., Brooklyn, N. Y. Apparatus for storing stacked articles. 2,226,308; Dec. 24.
Gibello, Henri, assignor to Societe Nobel Francaise, Paris, Seine, France. Textile sizing. 2,211,266; Aug. 13.
Gibney, James L., Buffalo, N. Y. Producing high tensile strength iron. 2,224,185; Dec. 10.
Gibson, Albert, Chicago, Ill. Pushbutton switch. 2,221,047; Nov. 12.
Gibson, B., et al. (See Francis, George W., Sr., assignor.)
Gibson Electric Refrigerator Corporation. (See Rutenber, Edwin A., assignor.)
Gibson, George A., Jr., New York, N. Y. Sheet feeding mechanism. 2,219,892; Oct. 29.
Gibson, George D., Andover, Mass. Game or chance device. 2,206,458; July 2.
Gibson, George R., Brookfield, assignor to The General Fireproofing Company, Youngstown, Ohio. Locking mechanism for cabinet drawers. 2,209,727; July 30.
Gibson, Hal, Dallas, Tex., assignor to General Electric Company. Air conditioning system. 2,196,011; Apr. 2.
Gibson, Hal, Dallas, Tex., assignor to General Electric Company. Air conditioning apparatus. 2,221,688; Nov. 12.
Gibson, Inc. (See Miller, George E., assignor.)
Gibson, J. Lowell. (See Dick, H. J., and Gibson.)
Gibson, James H. (See Jacquerod, H. R., and Gibson.)
Gibson, John, et al. (See Kelsen, Augie J., assignor.)
Gibson, Joseph A., Kimball, Nebr. Arch file. 2,207,192; July 9.
Gibson, Kirkland H., Dedham, Mass. Making yarn. 2,213,793; Sept. 3.
Gibson, Le Roy E., Pontiac, Mich. Therapeutic table. 2,209,310; July 30.
Gibson, Oliver E., and W. Keen, assignors to United States Gypsum Company, Chicago, Ill. Wall clip building structure. 2,227,079; Dec. 31.
Gibson, Reginald O. (See Fawcett, E. W., Gibson, and Perrin.)
Gibson, William, New York, N. Y. Track for toy trains. 2,207,171; July 9.
Gibson, William C., and L. R. Hurst, Louisville, Ky. Combination freight truck with changeable container. 2,216,972; Oct. 8.
Gibson, William G., Newtonbrook, Ontario, and F. A. McDonald and P. Chatterley, Toronto, Ontario, Canada. Dispensing container. 2,195,922; Apr. 2.
Giddings, Horace, San Francisco, Calif. Corrugated ice compartment. 2,191,462; Feb. 27.
Gidwitz, Gerald. (See Corbin, David, assignor.)
Gieleghem, Maurice J., assignor to National Stamping Company, Detroit, Mich. Sliding seat latch. 2,198,532; Apr. 23.
Gieleghem, Maurice J., assignor to National Stamping Company, Detroit, Mich. Seat slide construction. 2,226,374; Dec. 24.
Gienger, Fred, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Mounting for hand telephones. 2,215,874; Sept. 24.
Giersch, Ewald A., Seattle, Wash. Tack puller. 2,186,333; Jan. 9.
Giese, Otto E., New York, N. Y. Flushing filter tubes. 2,211,892; Aug. 20.
Gieselman, Paul E. (See Maack, A. F., and Gieselman.)
Giesen, Edward E., Chicago, Ill. Automatic change speed transmission. 2,222,766; Nov. 26.
Gieser, John C., Cardington, Ohio. Window screen. 2,207,856; July 16.
Giesey, Dorothy E., executrix. (See Giesey, R. H., and Behnke.)
Giesey, Russell H., and G. E. Behnke, Oklahoma City, Okla.; said Giesey assignor of one-half of his right to C. E. Reed, Wichita, Kans., D. E. Giesey, executrix of said R. H. Giesey, deceased. Burnishing machine. 2,188,629; Jan. 30.
Gieskieng, Paul F., assignor of one-half to W. A. Gieskieng, Denver, Colo. Lubrication system. 2,195,209; Mar. 26.
Gieskieng, William A. (See Gieskieng, Paul F., assignor.)
Giesler, Jean V., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Hydraulic press. 2,217,799; Oct. 15.
Giesler, Jean V., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Thermostatic liquid transmission system. 2,221,347; Nov. 12.
Giessler, Curtis F., Bridgewater, assignor of one-half to E. M. Thompson, Brockton, Mass. Shoe heel. 2,198,938; Apr. 30.
Gietmann, Anton, assignor to Rheinmetall-Borsig Aktiengesellschaft, Dusseldorf, Germany. Ward-Leonard drive for gun turrets. 2,220,644; Nov. 5.
Giezendanner, Emil, assignor to G. Bühler, Uzwil, Switzerland. Drier for dough strings fed thereto and cut into portions looped on bars. 2,208,900; July 23.
Giezendanner, Emil, Oberuzwil, assignor to Buhler Brothers, Uzwil, Switzerland. Press for producing flour paste articles. 2,215,149; Sept. 17.
Giffoniello, Emile, and E. Bamberg, Buffalo, N. Y. Window operating means. 2,194,747; Mar. 26.
Gifford, Emerson W., Teaneck, N. J., assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,220,483; Nov. 5.
Gifford, Frank J., Dedham, assignor to Garden Hose Spray Co., Cambridge, Mass. Sprayer. 2,218,790; Oct. 22.
Gifford, Frank J., Dedham, assignor to Garden Hose Spray Co., Cambridge, Mass. Sprayer. 2,220,227; Nov. 5.
Gifford, Lincoln S., Greencastle, Ind., and H. L. Maxwell, Wilmington, Del., assignors to The American Zinc Products Company, Greencastle, Ind. Zinc base alloy. 2,195,566; Apr. 2.
Giger, Walter A., Zurich, assignor to Maschinenfabrik Oerlikon, Oerlikon, Switzerland. Locomotive. 2,188,749; Jan. 30.
Gigliotti, William, North Adams, Mass. Straightening machine. 2,187,649; Jan. 16.
Gihon, Harry D., III, Trenton, N. J. Golf bag. 2,185,706; Jan. 2
Gilbert, A. C., Company, The. (See Frisbie, Marshall H., assignor.)
Gilbert, A. C. Company, The. (See Gilbert, A. C., and Lanz, assignors.)
Gilbert, A. C., Company, The. (See McLoughlin, James E., assignor.)
Gilbert, Alfred C., Hamden, and J. Lanz, assignors to The A. C. Gilbert Company, New Haven, Conn. Air impeller. Re. 21,443; May 7.
Gilbert & Barker Manufacturing Company. (See Hope, Stanley C., assignor.)
Gilbert & Barker Manufacturing Company. (See Neal, Chester T., assignor.)
Gilbert & Barker Manufacturing Company. (See Tapp, H. F., Grimmeisen, and Duemler, assignors.)
Gilbert, Clyde L., assignor to The Craftsman Equipment Corporation, Elkhart, Ind. Scoring device for sample paper boxes. 2,225,630; Dec. 24.
Gilbert, Earl R., Houston, Tex. Mounting for telescope sights. 2,193,094; Mar. 12.
Gilbert, Frank B., Hinsdale, assignor to The Creamery Package Mfg. Company, Chicago, Ill. Heat-transfer apparatus. 2,196,012; Apr. 2.
Gilbert, Frederick A. (See Bretschger, M. E., Kauffmann, and Gilbert.)
Gilbert, Harvey N., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Refining lead. 2,194,441; Mar. 19.
Gilbert, Harvey N., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Potassium-sodium-lead alloy. 2,211,415; Aug. 13.
Gilbert, Harvey N., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electrolytic production of metals. 2,224,814; Dec. 10.
Gilbert, Herman W., New York, N. Y. Unwinding machine. 2,220,230; Nov. 5.
Gilbert, Irving. (See Gladstone, A., Gilbert, and Bryda.)
Gilbert, Jarvis B., Spokane, Wash. Aircraft propulsion. 2,208,156; July 16.
Gilbert, John J., Douglaston, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,208,417; July 16.
Gilbert, Joseph N., deceased, Oxboro; S. Sommer, administrator; assignor to M. J. Gilbert, Minneapolis, Minn. Automatic variable pitch aircraft propeller. 2,215,609; Sept. 24.
Gilbert, Lloyd A., Billings, Okla., assignor to Phillips Petroleum Company. Gripping device. 2,189,244; Feb. 6.
Gilbert, Mary J. (See Gilbert, Joseph N., assignor.)
Gilbert, Maurice W. (See Blum, R. J., and Gilbert.)
Gilbert, Max, New York, N. Y. Adjustable shoe upper. 2,193,355; Mar. 12.
Gilbert & Parker Manufacturing Company. (See Logan, Joseph A., assignor.)

Gilbert, Ralph A., Pittsfield, Mass., assignor to General Electric Company. Resistance line welding machine. 2,200,112; May 7.
Gilbert, Ralph A., Pittsfield, Mass., assignor to General Electric Company. Quick change electrodes. 2,224,598; Dec. 10.
Gilbert, Vaughn, et al. (See Davidson, Ashley A., assignor.)
Gilbert, Walter E., Philadelphia, Pa., assignor, by mesne assignments, to Pennsylvania Patents, Inc., Carson City, Nev. Remote control for radio receivers. 2,206,181; July 2.
Gilbert, Walter, Sr., assignor of one-half to E. F. Walker, Johnstown, Pa. Refrigerating apparatus. 2,214,298; Sept. 10.
Gilbert, William H., Los Angeles, and F. F. Hosmer, Glendale, Calif. Bath sandal. 2,190,982; Feb. 20.
Gilbert, William L., Clock Corporation. (See Wright, William F., assignor.)
Gilbertson, Gordon A., assignor to Pines Winterfront Company, Chicago, Ill. Radiator shutter unit. 2,207,147; July 9.
Gilbertson, Isaac H., Middleton, England. Machine for polishing rollers, such as used in printing machines. 2,203,567; June 4.
Gilbraith, John S., Ira, Ohio. Doll. 2,196,912; Apr. 9.
Gilcord Shoe Company. (See Gillis, George H., assignor.)
Gildersleeve, Charles T., Hudson, Ill. One-man corn picking unit. 2,221,762; Nov. 19.
Gildersleeve, William E., and E. D. Beachler, Schenectady, N. Y., assignors to General Electric Company. Control system. 2,210,756; Aug. 6.
Giles, Alfred O. (See Nicoll, J. S., Giles, Maruoka, Butler, and Countryman.)
Giles, Aquila, assignor to Trans-Lux Corporation, New York, N. Y. Picture indicia projection system. 2,220,094; Nov. 5.
Giles, Hugh L., Bristow, Okla. Foldable bed. 2,226,606; Dec. 31.
Giles, Joseph W. and W. J., Philadelphia, Pa., assignors, by mesne assignments, to Jersey Cigar Machines, Inc., Belleville, N. J. Cigar wrapping machine. 2,226,224; Dec. 24.
Giles, Louis E., et al. (See Murphy, Joseph M., assignor.)
Giles, Thomas F., Greenford, England, assignor to The Mantle Lamp Company of America, Chicago, Ill. Pressure lamp or stove. 2,206,949; July 9.
Giles, William J. (See Giles, Joseph W. and W. J.)
Giles, William T., assignor of one-half to P. H. Fuhrmann, Shamokin, Pa. Container. 2,224,632; Dec. 10.
Gilfillan, Paul M., assignor to Shellmar Products Company, Mount Vernon, Ohio. Tobacco pouch and making same. 2,220,231; Nov. 5.
Giliasso, Louis, New Orleans, La., assignor to The Texas Company, New York, N. Y. Floating breakwater. 2,185,458; Jan. 2.
Giliberty, James V., Hempstead, N. Y. Ship stabilizer. 2,210,935; Aug. 13.
Giliberty, James V., Hempstead, N. Y. Antirolling device for ships. 2,223,562; Dec. 3.
Gilinson, Philip J. (See Stevens, B. J., and Gilinson.)
Gilinson, Philip J., assignor to Heinze Electric Company, Lowell, Mass. Signaling device. 2,213,493; Sept. 3.
Gilkerson, Vernon M., Oakley, Kans. Attachment for tractor wheels. 2,188,221; Jan. 23.
Gilkey, Edward W. (See Peyton, L. T., and Gilkey.)
Gill, Charles A., Reading, Pa. Car loading device for ballast cleanings. 2,194,144; Mar. 19.
Gill, Edward H., assignor to A. A. Kramer, Kansas City, Mo. Gas storage and dispensing apparatus. 2,193,066; Mar. 12.
Gill, Edwin R., Jr., Yonkers, assignor to Prismo Holding Corporation, New York, N. Y. Making reflecting devices. 2,218,909; Oct. 22.
Gill, Harry L., Urbana, Ill. Track hurdle. 2,206,501; July 2.
Gill, John O., Barnesboro, Pa. Switch for block signal systems. 2,197,692; Apr. 16.
Gill, Joseph W. (See King, G. D., and Gill.)
Gill, Joseph W. (See Linzell, H. K., and Gill.)
Gill, Joseph W., Elmhurst, assignor to United States Gypsum Company, Chicago, Ill. Consolidated fiber product. 2,215,246; Sept. 17.
Gill, Joseph W., Elmhurst, assignor to United States Gypsum Company, Chicago, Ill. Making fiberboard. 2,215,353; Sept. 17.
Gill, Lester M., New Rochelle, N. Y. Child's eating dish. 2,213,837; Sept. 3.
Gill, Lowell O., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Paper sizing. 2,214,018; Sept. 10.
Gill, Michael J., Secaucus, N. J. Highway guard. 2,187,556; Jan. 16.
Gill, Ray H., Akron, Ohio, assignor to The Diamond Match Company, New York, N. Y. Mechanism for assembling match packets and the like. 2,222,026; Nov. 19.
Gill, Thomas H., Brooklyn, N. Y. Automatic gas cap and hood locking device. 2,227,253; Dec. 31.
Gillan, Francis L., Highland Park, assignor to Philadelphia Lawn Mower and Mfg. Co., Philadelphia, Pa. Lawn mower. 2,208,577; July 23.
Gille, Raymond G., St. Paul, Minn. Wood carving tool. 2,202,251; May 28.
Gille, Willis, H. (See Denison, F. S., and Gille.)
Gille, Willis H., St. Paul, Minn. Automotive brake construction. 2,206,182; July 2.
Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic reset mechanism. 2,208,560; July 23.
Gille, Willis H., St. Paul, and G. A. Bouvier, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermostatic element. 2,196,671; Apr. 9.
Gille, Willis H., St. Paul, and S. W. Nickells, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Color wheel centering device. 2,214,728; Sept. 17.
Gillean, Charles. (See Surprenant, G. H., Gillean, and Loprich.)
Gillen, Daniel A., Flushing, N. Y. Vacuum breaker for flushometers. 2,202,099; May 28.
Gillen, George A., New York, N. Y. Throttling pump. 2,187,151; Jan. 16.
Gillen, George A., Bronx, N. Y. Electrical machine. 2,202,051; May 28.
Gillenwaters, M. Elizabeth. (See Sparling, Elliott W.)
Gillenwaters, Theodore R., et al., trustees. (See Sparling, Elliott W., assignor.)
Gillerlain, John L. (See Lawson, H. W., and Gillerlain.)
Gilles, Franz F. R. A., Uccle-Brussels, assignor to "Société Générale de Fours à Coke, Systèmes Lecocq", Scoiété Anonyme, Brussels, Belgium. Coke oven. 2,193,000; Mar. 12.
Gillespie, Harry G., Mason, Mich. Adjustable delivery container. 2,226,105; Dec. 24.
Gillespie, James F. (See Nowell, W. M., and Gillespie.)
Gillespie, Jayson E., Lincoln, Nebr. Wheel and tire mount. 2,187,557; Jan. 16.
Gillespie, Joseph C., Washington, D. C. Game. 2,219,675; Oct. 29.
Gillespie, Leonard W., Greensburg, Ind. Time delay mercury switch. 2,208,841; July 23.
Gillespie, Percy J., London, England. Blotting device. 2,203,195; June 4.
Gillett, Leslie H., South Omaha, Nebr. Clothes fastener. 2,220,601; Nov. 5.
Gillette, Elmon C. (See Mitereff, Sergei D., assignor.)
Gillette, Elmon C. (See Roessel, Louis O. E., assignor.)
Gillette, Robert T., Scotia, N. Y., assignor to General Electric Company. Resistance line welding. 2,205,251; June 18.
Gillette Rubber Company. (See Storrs, George D., assignor.)
Gillette Safety Razor Company. (See Gustafson, Henry A., assignor.)
Gillette Safety Razor Company. (See Hill, John H., assignor.)
Gillette Safety Razor Company. (See Muros, Joseph, assignor.)
Gillette Safety Razor Company. (See Testi, Nicholas, assignor.)
Gillette, William R., Maywood, assignor to Illinois Iron & Bolt Company, Carpentersville, Ill. Cutter bar. 2,217,741; Oct. 15.
Gillette, William R., Maywood, assignor to Illinois Iron & Bolt Company, Carpentersville, Ill. Pitman. 2,217,742; Oct. 15.
Gilli, Paul, Vienna, Austria. Accumulator plant. 2,207,035; July 9.
Gillian, Herman A., assignor to The Boss Manufacturing Company, Kewanee, Ill. Glove. 2,210,484; Aug. 6.
Gillice, Freeman A., assignor to Eastman Kodak Company, Rochester, N. Y. Multiple compartment container. 2,211,326; Aug. 13.
Gillick, Lawrence H. (See Van Vulpen, J., and Gillick.)
Gilliland, Edwin R., Cambridge, Mass., assignor to Standard Oil Development Company. Separation and segregation of olefins. 2,209,452; July 30.
Gilliland, Virgil H., and J. J. Graham, assignors of one-fifth to T. F. Green, Jr., Conroe, Tex. Apparatus for producing oil. 2,194,017; Mar. 19.
Gillings, Charles. (See Taylor, R., Baker, and Gillings.)
Gillis, George H., assignor to Gilcord Shoe Company, Fitchburg, Mass. Detachable heel. 2,195,128; Mar. 26.
Gillis, Randall, La Grange, and C. T. Prendergast, Chicago, Ill., assignors to Western Electric Company Incorporated, New York, N. Y. Hard lead alloys and making such alloys. 2,189,064; Feb. 6.
Gillis, Randall, Westfield, N. J., and S. V. Wilson, Washington, D. C., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for extruding metals. 2,213,699; Sept. 3.
Gillisse, Edward. (See De Boer, R. F., Gillisse, and Flora.)
Gilliver, Gilbert, Enfield, England, assignor to Sangamo Electric Company, Springfield, Ill. Electric motor. 2,192,304; Mar. 5.
Gillman, Joseph L., Jr., assignor to The Commercial Shearing & Stamping Company, Youngstown, Ohio. Tunnel liner. 2,206,825; July 2.
Gillmet, Thomas. (See Lahiere, E. A., and Gillmet.)
Gillmor, Bowen S., Port Angeles, Wash. Weed root puller. 2,217,109; Oct. 8.
Gillmor, Bowen S., Port Angeles, Wash. Furnace. 2,222,533; Nov. 19.
Gillon, John W., assignor to Eastman Kodak Company, Rochester, N. Y. Light measuring apparatus for enlargers. 2,218,236; Oct. 15.

Gillon, John W., assignor to Eastman Kodak Company, Rochester, N. Y. Exposure tablet. 2,226,167; Dec. 24.
Gillott, Raymond. (See Miller, Alfred G., assignor.)
Gillson, Joseph L. (See Kirby, J. E., and Gillson.)
Gilman Fanfold Corporation. (See Hope, William H., Jr., assignor.)
Gilman Fanfold Corporation. (See Mabon, Carl R., assignor.)
Gilman, George H., Newark, N. J. Tool. 2,209,079; July 23.
Gilman, George P., assignor to Rotary Seal Company, Chicago, Ill. Seal for rotating shafts. 2,192,305; Mar. 5.
Gilman, George W., London, England, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave filter. 2,199,221; Apr. 30.
Gilman, Martin J., Gilman, Conn. Portable dummy. 2,203,259; June 4.
Gilman, Morris A. (See Loeb, C., Gilman, and Anderson.)
Gilman, Turner W. (See Herrick, R. H., and Gilman.)
Gilman, Wilbert M. (See Rose, E. L., Gilman, and Grosser.)
Gilmore, Delbert B., Erie, Pa., assignor to Talon, Inc. Slider for separable fasteners. 2,193,761; Mar. 12.
Gilmore, Folliard F., Wellesley Hills, and F. W. Kotler, Watertown, Mass.; said Kotler assignor to said Gilmore. Abrasive surface and preparing the same. 2,226,607; Dec. 31.
Gilmore, Folliard F., Wellesley Hills, and F. W. Kotler, Watertown, Mass.; said Kotler assignor to said Gilmore. Reproducing form tools. 2,226,608; Dec. 31.
Gilmore, George J., Chicago, Ill. Strap fastener. 2,185,891; Jan. 2
Gilmore, Jackson G., and M. D. Huston, assignors, by mesne assignments, to Columbus Metal Products, Inc., Columbus, Ohio. Apparatus for burning hydrocarbon oils. 2,214,670; Sept. 10.
Gilmore, John L., Kansas City, Mo. Trailer coupler. 2,197,267; Apr. 16.
Gilmore, John L., Kansas City, Mo. Trailer hitch. 2,219,955; Oct. 29.
Gilmore, William E., Lyndhurst, N. J. Refrigerator truck and operating the same. 2,210,975; Aug. 13.
Gilowitz, Benjamin, assignor of one-quarter to A. Friedberg, Bronx, N. Y., twelve and one-half per cent to H. D. Minter, and twelve and one-half per cent to R. J. Guilfoyle. Composition top sole. 2,221,675; Nov. 12.
Gilpin, Garth G., Riverside, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. End wall for railway cars. 2,187,025;
Gilpin, Garth G., Riverside, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Refrigerator car floor rack. 2,188,860; Jan. 30.
Jan. 16.
Gilpin, Garth G., Riverside, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Panel construction. 2,200,240; May 14.
Gilpin, Garth G., Riverside, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car construction. 2,204,674; June 18.
Gilpin, Garth G., Riverside, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Refrigerator car. 2,207,678; July 9.
Gilpin, Garth G., Riverside, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Refrigerator car floor rack. 2,207,679; July 9.
Gilpin, Garth G., Riverside, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Refrigerator car wall. 2,211,618; Aug. 13.
Gilpin, Garth G., Riverside, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car construction. 2,217,110; Oct. 8.
Gilpin, Garth G., Riverside, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car construction. 2,223,609; Dec. 3.
Gilpin, Garth G., Riverside, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Side plate construction for freight cars. 2,225,170; Dec. 17.
Gilpin, Garth G., Riverside, Ill., assignor, by mesne assignments, to Standard Railway Refrigerator Company. Refrigerator car construction. 2,226,764; Dec. 31.
Gilpin, Harry C., Huntington, W. Va. Boot and shoe cleaner. 2,210,365; Aug. 6.
Gilson, Donald E., Maplewood, N. J. Folder. 2,187,451; Jan. 16.
Gilson, Edwin C., Lexington, Ky. Support for floor screeds. 2,221,048; Nov. 12.
Gilson, John J., Jr. (See Wiemer, Edward G., assignor.)
Gilson, Leon H., Washington, D. C. Footrest structure. 2,196,913; Apr. 9.
Gilson, Michael. (See Maxon, G., Jr., and Gilson.)
Gilson, Robert M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,206,563; July 2.
Gilson, Robert M., and G. W. Baughman, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic-controlling apparatus. 2,216,614; Oct. 1.
Gilson, William B., Naugatuck, Conn., assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,203,015; June 4.
Gilt Edge Safety Glass Limited. (See Perry H. and Grotefeld, assignors.)
Gilvarry, James H. (See Troeger, Ernest A., assignor.)
Giménez, Delfor A., and M. Urbandt, Buenos Aires, Argentina. Coupling device for tubular members. 2,213,310; Sept. 3.
Gimm, Alfred, Dessau-Ziebigk, assignor to Junkers Flugzeug-und-Motorwerke Aktiengesellschaft, Dessau, Germany. Piston. 2,219,989; Oct. 29.
Ginder, William H., Haddonfield, N. J., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Retractable support for flatirons. 2.185.915; Jan. 2.
Ginn, Earl, North Muskegon, assignor, by mesne assignments, to Reconstruction Finance Corporation, Detroit, Mich. Gasket. 2,210,453; Aug. 6.
Ginnaty, John R., Villa Park, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Sprinkler control system. 2,203,138; June 4.
Ginori Conti, Piero, Florence, Italy. Vaporizer. 2,199,216; Apr. 30.
Ginsberg, Bernard. (See Brown, A. B., Croxton, and Ginsberg.)
Ginsberg, Charles, Shaker Heights, Ohio. Squeegee. 2,225,432; Dec. 17.
Ginsberg, Hans. (See Wiedbrauck, E., and Ginsberg.)
Ginsberg, Jack, Dallas, Tex. Merchandise shipping container. 2,215,695; Sept. 24.
Ginsburg, Joseph M., assignor to Endowment Foundation, New Brunswick, N. J. Combined insecticide and larvicide. 2,202,148; May 28.
Ginter, Charles W., assignor to The Aro Equipment Corporation, Bryan, Ohio. Replaceable needle point adapter for lubricating devices. 2,190,357; Feb. 13.
Ginter, Charles W., assignor to The Aro Equipment Corporation, Bryan, Ohio. Pumping apparatus for grease and the like. 2,221,763; Nov. 19.
Gioiosa, Joseph, East Milton, Mass. Machine for making match fuses and the like. 2,197,407; Apr. 16.
Giovanini, John A., and P. J. Wallace, Port Richmond, Staten Island, N. Y. Pipe line identification device. 2,188,710; Jan. 30.
Gipson, Willard W., Taft, F. N. Fossati, Richmond, and R. H. Long, Oakland, Calif. Fishing tool for wells. 2,181,131; Oct. 15.
Girard, Byron P. (See Barrans, W. T., Cole, and Girard.)
Girard, Byron P., Baltimore, W. T. Barrans, Towson, and V. S. Martin, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Take-up mechanism. 2,196,900; Apr. 9.
Girard, Norman E., Windsor, Ontario, Canada. Internal combustion engine piston. 2,201,085; May 14.
Girardi, Augsto, Indian Orchard, Mass. Sole construction for shoes. 2,221,132; Nov. 12.
Girardi, Frank, and S. Cipullo, assignors to R. A. Dublin and A. Torretta, Chicago, Ill., as trustees. Gearshift mechanism. 2,202,949; June 4.
Girardi, Frank, and S. Cipullo, assignors to R. A. Dublin and A. Torretta, Chicago, Ill., as trustees. Gearshift mechanism. 2,202,950; June 4.
Girardin, Louis, Paris, France, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Signal transmitting apparatus. 2,189,171; Feb. 6.
Girdler Corporation, The. (See Miller, Bruce De H., assignor.)
Girdler Corporation, The. (See Vogt, Clarence W., assignor.)
Girdler Corporation, The. (See Wood, William R., assignor.)
Girdlestone, Frances G. (See Keats, Harold B., assignor.)
Girerd, Victor E., De Witt, Ark. Oil pump for popcorn machines. 2,220,645; Nov. 5.
Giroux, Aime. (See Bacon, Edgar, assignor.)
Giroux, Charles. (See Hobson, C. H., and Giroux.)
Giroux, Godfrey, Ottawa, Ontario, Canada. Hammer leverage. 2,223,801; Dec. 3.
Giroux, Joseph E., Flint, Mich. Hand accelerator for motor vehicles. 2,196,553; Apr. 9.
Giroz, Henri E., Boulogne-Billancourt, France, assignor to International Standard Electric Corporation, New York, N. Y. Tension control device. 2,212,229; Aug. 20.
Girstenbrei, Roy M., Madison, Wis. Air conditioning apparatus. 2,204,732; June 18.
Girvan, Ian W., Shilla, Denham, England. Seal for overlapping metal bands. 2,199,198; Apr. 30.
Girvan, Ian W., executor. (See King, William.)
Girvin, Richard W., Jackson Heights, N. Y. Finger guard. 2,219,446; Oct. 29.
Gisholt Machine Company. (See Senger, Werner I., assignor.)
Giskes, Willem, and H. A. G. Hazeu, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electric generator. 2,192,073; Feb. 27.
Gisslander, Sven G., and R. R. Sterrett, Naugatuck, Conn., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Expansion joint. 2,220,444; Nov. 5.
Githens, Otto W., and G. Kende, New York, and E. M. Porter, Brooklyn, assignors, by mesne assignments, to Universal Camera Corporation, New York, N. Y. Motion picture projector. 2,190,658; Feb. 20.
Githens, Otto W., and G. Kende, New York, and E. M. Porter, Brooklyn, assignors to Universal Camera Corporation, New York, N. Y. Motion picture projector. 2,221,089; Nov. 12.

Githens, Otto W., and G. Kende, New York, and E. M. Porter, Brooklyn, assignors to Universal Camera Corporation, New York, N. Y. Film footage indicator. 2,224,383; Dec. 10.
Gits, Joseph A., and J. P., Chicago, Ill. Cutting implement. 2,215,216; Sept. 17.
Gits, Jules P. (See Gits, Joseph A., and J. P.)
Givaudan-Delawanna, Inc. (See Carpenter, Marion S., assignor.)
Givaudan-Delawanna, Inc. (See Kunz, E. C., and Fiore, assignors.)
Given, Fred H., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring expander. Re. 21,557; Sept. 10.
Given, Fred H., assignor to The Perfect Circle Company, Hagerstown, Ind. Bearing member. 2,202,773; May 28.
Givens, John H., H. W. Biddulph, and L. Rose, Coventry, assignors to Courtaulds Limited, London, England. Manufacture and production of artificial threads, filaments, and the like by the viscose process. 2,192,074; Feb. 27.
Gladfelter, Wiltie I. (See Stewart, R. J., and Gladfelter.)
Gladics, John, Harvey, Ill. Blowhole eliminator. 2,220,816; Nov. 5.
Gladish, John M., assignor of one-half to R. B. Cannon, and one-fourth to W. M. Gladish, Chattanooga, Tenn. Tufting machine. 2,224,866; Dec. 17.
Gladish, Willie M., et al. (See Gladish, John M., assignor.)
Gladitz, Walter J., assignor to Keller & Knappich G. m. b. H., Augsburg, Germany. Electric welding pliers. 2,213,136; Aug. 27.
Gladstone, Arthur, and I. Gilbert, Hartford, and J. M. Bryda, Bristol, assignors to The Han-Dee Spring Company, Hartford, Conn. Tie rack. 2,210,120; Aug. 6.
Gladstone, Benjamin, Lynn, Mass. Handle for mattresses. 2,206,087; July 2.
Gladville, Glenn V., Massillon, Ohio. Scaffold. 2,221,133; Nov. 12.
Glaenzer, Jules, assignor to Cartier, Inc., New York, N. Y. Article of jewelry. 2,199,222; Apr. 30.
Glamb, Stanley L., Detroit, Mich. Control for radio receivers. 2,214,458; Sept. 10.
Glancy, Anna E., assignor to American Optical Company, Southbridge, Mass. Size testing system. 2,191,107; Feb. 20.
Glanzer, Clarence J. (See Schaaf, A. E., Walton, and Glanzer.)
Glapat Corporation, The. (See Stewart, Charles T. and C. O., assignors.)
Glascock Brothers Mfg. Co. (See Baker, Robert E., assignor.)
Glascock, Edward P., Monroe City, Mo. Combination garden implement. 2,225,108; Dec. 17.
Glascodine, Richard T., Westminster, London, England. 2,224,223; Dec. 10.
Glaser, August, Berlin-Frohnau, W. Koch, Berlin-Glienicke, H. Neidhardt, Berlin, and F. Brunke, Berlin-Steglitz, Germany, assignors to General Electric Company. Electric valve and manufacturing it. 2,195,245; Mar. 26.
Glaser, August, Berlin-Frohnau, W. Koch, Berlin-Glienicke Nordbahn, and H. Voigt, Berlin-Nikolassee, Germany, assignors to General Electric Company. Dry plate electrode system having a control electrode. 2,208,455; July 16.
Glaser, Mark A., and L. C. Isom, Los Angeles, Calif. Clip applicator. 2,194,748; Mar. 26.
Glaser, William F., Eastchester, assignor to Otis Elevator Company, New York, N. Y. Elevator system. 2,215,098; Sept. 17.
Glasgow, Chester W., assignor to M. E. Glasgow, and one-half to A. F. Jackson, Detroit, Mich. Swinging sign. 2,186,241; Jan. 9.
Glasgow, Ernest M., Towaco, N. J., assignor to Russell & Stoll Company, Inc., New York, N. Y. Marker light for airports. 2,191,379; Feb. 20.
Glasgow, Margaret E. et al. (See Glasgow, Chester W., assignor.)
Glaskowsky, Nicholas A., assignor to Stanley Home Products, Inc., Westfield, Mass. Cleaning device. 2,195,364; Mar. 26.
Glasner, Rudolph W., Chicago, Ill. Slide locking means for presses and the like. 2,198,767; Apr. 30.
Glasner, Rudolph W., Chicago, Ill. Mechanism for holding and controlling the feeding of coiled material. 2,207,663; July 9.
Glasner, Rudolph W., and E. K. Johansen, Chicago, Ill.; said Johansen assignor to said Glasner. Safety locking mechanism for presses and the like. 2,185,551; Jan. 2.
Glass, John V. S., Sutton Weaver, near Warrington, England, assignor to Imperial Chemical Industries Limited. Manufacture of gelatin. 2,201,168; May 21.
Glass, Jules H., and M. Lezy, Paris, France. Photographic reproducing apparatus. 2,206,396; July 2.
Glass, Thomas G. (See Loggins, Jack C., assignor.)
Glass, William H. (See Bush, R. J., and Glass.)
Glass, Willie D., Hopewell, Va. Closure device for mailing tubes. 2,222,366; Nov. 19.
Glassberg, Jacob, Hillside, N. J., assignor to Samson Investment Co. Lamp holder. 2,190,834; Feb. 20.
Glassberg, Jacob, Hillside, N. J., assignor, by mesne assignments, to Radiant Lamp Corporation. Electric device. 2,200,954; May 14.
Glassberg, Morris, B. Chester, and J. E. Honig, Kingston, N. Y. Marking drill. 2,227,254; Dec. 31.
Glassey, Philip P., Manlius, assignor of one-third to T. E. Simonton, Cazenovia, N. Y. Copyholder. 2,214,692; Sept. 10.
Glassford, Gordon L. (See Beattie, C. A., Glassford, and Dick.)
Glassine Paper Company, The. (See Nelson, Robert F., assignor.)
Glassoloid Manufacturing Co. (See Di Bella, Joseph, assignor.)
Glauber Brass Manufacturing Company, The. (See Smith, Horace S., assignor.)
Glauber, John, West Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Insulator for electron discharge devices. 2,201,289; May 21.
Glaum, John C., Jr., Chicago, Ill., assignor to Compressed Industrial Gases, Inc. Gas cutting machine. 2,189,140; Feb. 6.
Glaxner, Daniel, Pampa, Tex., assignor to Columbian Carbon Company, New York, N. Y. Nodulizing. 2,187,601; Jan. 16.
Glaxner, Herman J., deceased, Monroe, Ouachita Parish, La., by Columbian Carbon Company, New York, N. Y. Making aggregates of carbon black. Re. 21,379; Mar. 5.
Glazier, Arthur J. (See Haley, R. V., Glazier, and Tietig.)
Gleaner Harvester Corporation. (See Pierson, Torvald N., assignor.)
Gleasman, Vernon, Boonville, N. Y. Clutch means for transmission means. 2,226,309; Dec. 24.
Gleason, Alton E., Springfield, Mass. Spraying mechanism. 2,210,934; Aug. 13.
Gleason, Anthony H. (See Wasson, J. I., and Gleason.)
Gleason, Anthony H., Elizabeth, N. J., assignor to Standard Oil Development Company. Resin and its preparation. 2,216,941; Oct. 8.
Gleason, Daniel H., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call transmitter. 2,204,181; June 11.
Gleason, George A. (See Brickman, A. E., and Gleason.)
Gleason, George A. (See Hayden, A. P., and Gleason.)
Gleason, George A., and A. P. Hayden, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Bracket for mounting guardrails. 2,193,689; Mar. 12.
Gleason, George H., Montclair, N. J., and A. C. Loonam, Brooklyn, assignors to Guggenheim Brothers, New York, N. Y. Recovery of sulphur dioxide. 2,186,453; Jan. 9.
Gleason, Joseph P. Lynbrook, N. Y., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Latch. 2,186,903; Jan. 9.
Gleason, Stanley F., Philadelphia, Pa. Meat molding and processing device. 2,192,225; Mar. 5.
Gleason, Thomas C., Ferndale, assignor to Chrysler Corporation, Higland Park, Mich. Distributor head. 2,196,858; Apr. 9.
Gleason, William G., et al. (See Hostetler, Elden L., assignor.)
Gleason, William W., assignor to Nachman Springfilled Corporation, Chicago, Ill. Spring assembly for upholstery. 2,196,526; Apr. 9.
Gleason, William W., assignor to Nachman Springfilled Corporation, Chicago, Ill. Upholstery spring structure. 2,202,052; May 28.
Gleason, William W., assignor to Nachman Springfilled Corporation, Chicago, Ill. Spring insert for spring assemblies. 2,211,925; Aug. 20.
Gleason Works. (See Candee, A. H., and Richmond, assignors.)
Gleason Works. (See Candee, A. H., and Wildhaber, assignors.)
Gleason Works. (See Carlsen, Leonard O., assignor.)
Gleason Works. (See Earl, S. H., and Carlsen, assignors.)
Gleason Works. (See Galloway, Clarence T., assignor.)
Gleason Works. (See Johanson, Magnus H., assignor.)
Gleason Works. (See Richmond, George O., assignor.)
Gleason Works. (See Slayton, E. T., and Moyer, assignors.)
Gleason Works. (See Wildhaber, Ernest, assignor.)
Gleason Works. (See Wildhaber, E., Candee, and Witham, assignors.)
Gledhill, Edward C., Galion, Ohio. Runner. 2,215,830; Sept. 24.
Gledhill, Edward C., assignor to The Gledhill Road Machinery Company, Galion, Ohio. Air conditioned building. 2,219,837; Oct. 29.
Gledhill Road Machinery Company, The. (See Gledhill, Edward C., assignor.)
Glen, Lauchlan M., Durban, Union of South Africa. Rotary plug valve with spherical plugs. 2,201,895; May 21.
Glen, Robert R., Biarritz, Basses-Pyrenees, France, assignor to Glen's Patents and Holdings Inc., New York, N. Y. Loudspeaker and the like. 2,188,655; Jan. 30.
Glendenning, Ames J., and G. S. Dunlay, Estes Park, Colo. Electric foul detector for bowling alleys. 2,214,274; Sept. 10.
Glen's Patents and Holdings Inc. (See Glen, Robert R., assignor.)

Glerum, Irvin L., assignor to Edwin I. Guthman & Co. Inc., Chicago, Ill. Coil mounting. 2,215,422; Sept 17.
Glezen, William M, assignor to Chrysler Corporation, Highland Park, Mich. Shock absorber. 2,225,986; Dec. 24.
Glick, Zalman, New York, N. Y. Garment pattern grading implement. 2,215,499; Sept. 24.
Glidden, Arthur R., Seattle, Wash. Milk container. 2,202,652; May 28.
Glidden, Arthur R., Seattle, Wash. Closure device. 2,202,653; May 28.
Glidden Company, The. (See Cherry, Oscar A., assignor.)
Glidden Company, The. (See Drapeau, J. E., Jr., and Klinker, assignors.)
Glidden Company, The. (See Ingraham, D. C., and Wong, assignors.)
Glidden Company, The. (See Julian, P. L., Meyer, and Krause, assignors.)
Glidden Company, The. (See Miles, Herbert E., assignor.)
Glidden Company, The. (See Mowlds, Kenneth S., assignor.)
Glidden Company, The. (See O'Brien, James J., assignor.)
Glidden Company, The. (See Turnbull, Edward D., assignor.)
Glidden, Raymond B. and R. L., and N. Nelson, assignors to Kewanee Machinery & Conveyor Co., Kewanee, Ill. Elevator. 2,195,567; Apr. 2.
Glidden, Robert L. (See Glidden, Raymond B. and R. L., and Nelson.)
Glidewell, John T., Memphis, Tenn. Toy. 2,201,532; May 21.
Glimann, Ludwig. (See Wahl, A., and Glimann.)
Glines, Frederick S., Lynn, assignor to The Peerless Machinery Company, Boston, Mass. Pinking machine. 2,195,485; Apr. 2.
Glitsch, Fritz W., & Sons. (See Glitsch, Hans C., assignor.)
Glitsch, Hans C., assignor to Fritz W. Glitsch & Sons, Dallas, Tex. Bubble tower. 2,210,808; Aug. 6.
Glitsch, Hans C., and C. S. Crickmer, assignors to Mirla Tool Company, Dallas, Tex. Flow valve. 2,203,957; June 11.
Globe American Corporation. (See Hill, Dewey H., assignor.)
Globe Hoist Company. (See Thompson, Elmer B., assignor.)
Globe Knitting Works. (See Pray, Gordon D., assignor.)
Globe Oil Tools Company. (See Catland, Alfred C., assignor.)
Globe Oil Tools Company. (See Maxwell, Robert W., assignor.)
Globe Oil Tools Company. (See Stovall, James B., assignor.)
Globe Steel Abrasive Company, The. (See Harder, Oscar E., assignor.)
Globe-Union Inc. (See Buening, Charles R., assignor.)
Globe-Union Inc. (See Ehlers, George M., assignor.)
Globe-Union Inc. (See King, Carl H., assignor.)
Globe-Union Inc. (See Rubinstein, Harry W., assignor.)
Globe-Union Inc. (See Stoekle, Erwin R., assignor.)
Globe-Union Inc. (See Stoekle, E. R., and Ehlers, assignors.)
Globe-Wernicke Company, The. (See Butterfield, Charles, assignor.)
Globe-Wernicke Company, The. (See Hearn, Thomas, assignor.)
Globe-Wernicke Company, The. (See Link, Forest, assignor.)
Globe-Wernicke Company. (See Link, Forest L. W., assignor.)
Glocker, Gustave, Capitol Heights, Md. Container key. 2,187,395; Jan. 16.
Glocker, Gustave, Capitol Heights, Md. Container. 2,187,396; Jan. 16.
Glocker, Gustave, assignor to Super-Seal Vacuum Glass Container Corporation, Washington, D. C. Jar. 2,187,394; Jan. 16.
Glocksine, John R., and A. Zucker, Bay City, Mich. Guard and road-light protective device. 2,197,038; Apr. 16.
Gloess, Paul F. M. (See Clavier, A. G., Gloess and Le Boiteux.)
Gloess, Paul F. M. (See Lalande, M. A., and Gloess.)
Gloess, Paul F. M., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Television system. 2,186,542; Jan. 9.
Gloess, Paul F. M., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Thermionic valve circuits. 2,202,522; May 28.
Gloess, Paul F. M., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Electrical oscillation generator. 2,213,275; Sept. 3.
Glolite Corporation, The. (See Frei, John, Jr., assignor.)
Glolite Corporation, The. (See Koonz, John C., assignor.)
Gloor, Walter E., Parlin, N. J., assignor to Hercules Powder Company, Wilmington, Del. Organic esters and their production. 2,185,297; Jan. 2.
Gloor, Walter E., South River, N. J., assignor to Hercules Powder Company, Wilmington, Del. Lacquers containing cellulose acetobutyrate and cellulose acetopropionate. 2,186,454; Jan. 9.
Gloor, Walter E., South River, N. J., assignor to Hercules Powder Company, Wilmington, Del. Mixed acetate butyrate ester of a polyglycol. 2,198,665; Apr. 30.
Glorfield, Edward, assignor of one-half to A. R. Dawson, Burley, Idaho. Two way plow. 2,204,487; June 11.
Glover, John, Chicago, Ill., assignor, by mesne assignments, to Midway Chemical Co., Jersey City, N. J. Collapsible mop. 2,192,547; Mar. 5.
Glover, Ruel G., Cromwell, Okla. Tire tool. 2,212,059; Aug. 20.
Glover, W. T., & Company Limited. (See Beaver, C. J., and Davey, assignors.)
Glover, William C., Jr., Raytown, assignor to Cleaners Specialties, Inc., Kansas City, Mo. Garment shaping and drying machine. 2,214,923; Sept. 17.
Glück, Jenö, Budapest, Hungary. Artificial tooth and crown of tooth. 2,194,790; Mar. 26.
Glunt, Omer M., Rutherford, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Educational apparatus. 2,209,157; July 23.
Glunz, Henry F., Long Island, N. Y. Sterilizing liquids and filling containers. 2,196,299; Apr. 9.
Glunz, Henry F., Astoria, Long Island, N. Y. Sterilizing liquids and filling containers. 2,204,131; June 11.
Glunz, Henry F., Saratoga Springs, N. Y., assignor to Heat Seal Corporation. Closure preparing and feeding mechanism. 2,196,209; Apr. 9.
Glunz, Huck V., Duncan Falls, and E. C. Painter, Zanesville, assignors to Ohio Ferro-Alloys Corporation, Philo, Ohio. Ferro-alloys and producing them. 2,197,660; Apr. 16.
Gluyas, Thomas M., Jr., Kansas City, Mo., assignor, by mesne assignments, to Pennsylvania Patents, Inc., Carson City, Nev. Energy absorbing device. 2,213,103; Aug. 27.
Gluyas, Thomas M., Jr., Kansas City, Mo., assignor, by mesne assignments, to Pennsylvania Patents, Inc., Carson City, Nev. Controllable energy dissipator. 2,213,104; Aug. 27.
Glycofrides, Eustace, Philadelphia, Pa. Urea-formaldehyde condensation product and method of production. 2,208,290; July 16.
Glycofrides, Eustace, Philadelphia, Pa., assignor to Owens-Illinois Glass Company. Silica resins and manufacture. 2,224,815; Dec. 10.
Glynn, Clifford H., Jr., Albany, N. Y. Fluid drive for vehicle wheels. 2,221,705; Nov. 12.
Glynn, Edwin A., assignor to Super Mold Corporation of California, Lodi, Calif. Tire buffer. 2,189,203; Feb. 6.
Glynn, Thomas E., Saskatoon, Saskatchewan, Canada. Cinematograph projector fire trap. 2,213,466; Sept. 3.
Gmelin, Walter. (See Fischer, E., Gmelin, Huss, Krzikalla, and Pardon.)
Gmöhling, Karl. (See Schmidt, M., and Gmöhling.)
Gnepper, Dewey I. (See Coe, O. E., and Gnepper.)
Goat, Fred Co., The. (See Mansbendel, Fritz P., assignor.)
Goat, Fred Co. Inc., The. (See Swab, Jay G., assignor.)
Gobel, Charles, Philadelphia, Pa. Drafting instrument. 2,222,407; Nov. 19.
Gochnauer, Walter E., Dover, N. H., assignor to American Sales Book Company, Inc., Niagara Falls, N. Y. Strip advancing device for autographic registers. 2,219,956; Oct. 29.
Godat, Edmond, Los Angeles, Calif. Weighing apparatus. 2,191,711; Feb. 27.
Godbe, Hampton C. (See Cook, R. N., and Godbe.)
Goddard, Arch N., et al. (See Upton, Richard C., assignor.)
Goddard, Chester S., et al. (See Upton, Richard C., assignor.)
Goddard, De Witt R., Riverhead, N. Y., assignor to Radio Corporation of America. Transmission line transposition. 2,192,494; Mar. 5.
Goddard, De Witt R., Riverhead, N. Y., assignor to Radio Corporation of America. Transmission line transposition. 2,195,986; Apr. 2.
Goddard, De Witt R., Riverhead, N. Y., assignor to Radio Corporation of America. Transparent electrostatic shield. 2,221,944; Nov. 19.
Goddard & Goddard Company. (See Besaw, Clarence R., assignor.)
Goddard & Goddard Company. (See Davidson, Clarence W., assignor.)
Goddard, Robert H., Roswell, N. Mex. Combustion chamber for rocket apparatus. 2,217,649; Oct. 8.
Goddu, Lloyd W., assignor to American Optical Company, Southbridge, Mass. Measuring device. 2,226,428; Dec. 24.
Goddu, Lloyd W., and W. J. Wrighton, assignors to American Optical Company, Southbridge, Mass. Diamond lap. 2,194,546; Mar. 26.
Godfrey, Albert F., and R. Wedgwood, assignors of thirty per cent to A. E. Shaw and thirty per cent to G. M. Wilkins, Buffalo, N. Y. Signal flare. 2,199,990; May 7.
Godfrey, Bert O., Brooklyn, N. Y. Dredge for mining. 2,196,859; Apr. 9.
Godfrey, Earl V., Girard Township, Erie County, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,211,563; Aug. 13.
Godfrey, Harold C. (See Agerell, W. C., and Godfrey.)

Godfrey, Joseph H., Elmhurst, and A. W. Farrell, Wilmette, assignors to The Creamery Package Mfg. Company, Chicago, Ill. Congelation and agitation apparatus. 2,210,366; Aug. 6.
Godfrey, Truman M., Winchester, Mass., and V. Serbell, Leonia, N. J., assignors to Lever Brothers Company. Shortening and producing the same. 2,223,724; Dec. 3.
Godfrey, Walter E., et al., executors. (See Stone, Andrew J.)
Godlewicz, Marian. (See Pilat, S., and Godlewicz.)
Godley, Charles E. (See Arbuckle, S. F., Coulter, and Godley.)
Godowsky, Leopold, Jr. (See Mannes, L. D., and Godowsky.)
Godschall, Charles H., Glenside, assignor to Philco Corporation, Philadelphia, Pa. Nonskid tire track. 2,225,828; Dec. 24.
Godsey, Frank W., Jr., assignor to Sprague Specialties Co., North Adams, Mass. Electrical device. 2,201,725; May 21.
Godstrey, William, assignor of one-half to H. N. Rhino, New York, N. Y. Brake assembly for motor vehicles. 2,199,199; Apr. 30.
Goebel, Edward F., Grand Rapids, Mich. Combustion regulator. 2,205,649; June 25.
Goebel, George. (See McManus, C. E., and Goebel.)
Goebel, George. (See McManus, C. E., Stewart, and Goebel.)
Goebel, George, and S. A. Chantland, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Sheet handling mechanism for sheet feeders. 2,199,170; Apr. 30.
Goebel, George, and E. A. Wilckens, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Printing press. 2,205,720; June 25.
Goebel, Hans. (See Schoeller, W., and Goebel.)
Goebel, Max T. (See McQueen, D. M., and Goebel.)
Goebels, Lina, executrix. (See Goebels, Paul.)
Goebels, Paul, Dessau, Germany. Apparatus for feeding finely divided materials. 2,192,287; Mar. 5.
Goebels, Paul, deceased; by L. Goebels, executrix, Dessau, Germany. Apparatus for mixing farinaceous or pulverous materials by means of compressed air. 2,205,525; June 25.
Goedike, John G. (See Lukesh, G. R., and Goedike.)
Goehring, Francis R., assignor to H. Belfield Company, Philadelphia, Pa. Three-way valve. 2,212,343; Aug. 20.
Goehring, Sr., Frank E., Denver, Colo. Attachment for eyeglasses. 2,217,475; Oct. 8.
Goeke, Otto, Wissen, Sieg, assignor to Hüttenwerke Siegerland Aktiengesellschaft, Siegen, Germany. Apparatus for the smelting out of zinc from dusts containing metallic zinc. 2,208,418; July 16.
Goeller, Joseph A., assignor to E. Prentiss, Chicago, Ill. Display device. 2,206,281; July 2.
Goeller, Robert A., Larchmont, N. Y. Connector. 2,205,474; June 25.
Goeller, Robert A., Larchmont, N. Y. Differential gearing. 2,209,966; Aug. 6.
Goepel, Carl P. (See Saleh, Gabriel E. R., assignor.)
Goepfrich, George A., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,201,999; May 28.
Goepfrich, Rudolph A. (See White, J. W., and Goepfrich.)
Goepfrich, Rudolph A., South Bend, Ind. Transmission and clutch control. 2,197,721; Apr. 16.
Goepfrich, Rudolph A., South Bend, Ind. Brake. 2,222,836; Nov. 26.
Goepfrich, Rudolph A., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,185,434; Jan. 2.
Goepfrich, Rudolph A., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,185,435; Jan. 2.
Goepfrich, Rudolph A., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,191,987; Feb. 27.
Goepfrich, Rudolph A., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,207,172; July 9.
Goepfrich, Rudolph A., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,207,173; July 9.
Goepfrich, Rudolph A., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,221,090; Nov. 12.
Goepfrich, Rudolph A., South Bend, Ind., and C. Press, Frankfort-on-the-Main, Germany, assignors to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,209,772; July 30.
Goerg, Bernard. (See Daly, R. E., and Goerg.)
Goerg, Bernard, Scarsdale, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Heating apparatus. 2,186,802; Jan. 9.
Goerg, Bernard, Scarsdale, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Heating apparatus. 2,186,803; Jan. 9.
Goerg, Bernard, Scarsdale, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Heating apparatus. 2,197,612; Apr. 16.
Goerg, Bernard, Scarsdale, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Boiler. 2,216,236; Oct. 1.
Goering, Charles D., Hawesville, Ky. Stool. 2,197,302; Apr. 16.
Goering, Hans, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Crystal filter of variable band width. 2,218,087; Oct. 15.
Goerk, Edward, New York, N. Y. Thin colored fishskin. 2,210,581; Aug. 6.
Goerke, Henry, New York, N. Y. Racket. 2,206,548; July 2.
Goertzen, William S., Newton, Kans. Fishing line bob. 2,193,404; Mar. 12.
Goertzen, William S., Newton, Kans. Fishing bob. 2,225,214; Dec. 17.
Goethel, Herbert. (See Clar, C., and Goethel.)
Goethel, Herbert. (See Geiser, N., and Goethel.)
Goethel, Herbert, Duisburg, H. Tramm, Oberhausen-Holten, and P. Schaller, Oberhausen-Sterkrade, assignors to Ruhrchemie Aktiengesellschaft, Oberhausen-Holten, Germany. Improving lubricating oils. 2,190,918; Feb. 20.
Goethel, Herbert, Duisburg-Hamborn, P. Schaller, Oberhausen-Sterkrade, and H. Tramm, Oberhausen-Holten, Germany. Manufacture of lubricating oils. 2,199,200; Apr. 30.
Goettsch, Karl O. (See Bing, J., and Block, assignors.)
Goettsche, Roy C., assignor to Colorplate Corporation, Chicago, Ill. Moistening device. 2,188,296; Jan. 30.
Goetz, Henry G. (See Kidwell, Harry S., assignor.)
Goetz, Jules A., assignor to John Zimmerman & Sons, Incorporated, Philadelphia, Pa. Pile gauge. 2,209,265; July 23.
Goetz, Lawrence R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Contact cleaning. 2,223,516; Dec. 3.
Goetz, Otto, assignor to R. E. Chapin Manufacturing Works, Inc., Batavia, N. Y. Dispensing device. 2,188,682; Jan. 30.
Goetz, Richard, Brooklyn, N. Y. Cord cutter. 2,215,813; Sept. 24.
Goetz, Wilhelm, assignor to A. Weiner, Providence, R. I. Clip brooch. 2,227,184; Dec. 31.
Goetze, Frederick W., Plainfield, N. J. Retainer for gaskets. 2,192,739; Mar. 5.
Goetzmann, Albert L. (See Johnson, A. J., and Goetzmann.)
Goff, G. A. (See Valane, Ernest O., assignor.)
Goff, Harold E., assignor to Watson-Williams Manufacturing Company, Millbury, Mass. Loom shuttle. 2,227,183; Dec. 31.
Goff, Leonard D., Three Rivers, assignor to The Johnson Corporation, Three Rivers, Mich. Fluid seal construction. 2,222,612; Nov. 26.
Goff, Lionel E. (See Sheldon, L. M., and Goff.)
Goff, Lionel E. (See Sheldon, L. M., Goff, Alderson, and Fisher.)
Goff, Lionel E. (See Sheldon, L. M., Goff, Herzog, and Olsen.)
Goff, Lionel E., L. M. Sheldon, M. L. Herzog, and F. Olsen, assignors to The Cellulose Research Corporation, East Alton, Ill. Wood cellulose and producing same. 2,187,710; Jan. 16.
Goff, Robert W., Schenectady, N. Y., assignor to General Electric Company. Control device. 2,216,588; Oct. 1.
Goff, Robert W., Schenectady, N. Y., assignor to General Electric Company. Timing device. 2,217,440; Oct. 8.
Goff, Robert W., Schenectady, N. Y., assignor to General Electric Company. Control device. 2,221,324; Nov. 12.
Goff, William F., Akron, assignor to The Ohio Injector Company, Wadsworth, Ohio. Pneumatic tire valve. 2,194,850; Mar. 26.
Goff, William T. (See Kroeger, J. L., and Goff.)
Goggins, James P., assignor to Interstate Transit Lines, Omaha, Nebr. Air conditioning apparatus. 2,187,397; Jan. 16.
Goggins, James P., assignor to Interstate Transit Lines, Omaha, Nebr. Air conditioning assembly for vehicles. 2,187,398; Jan. 16.
Gohn, Russell S., San Diego, Calif. Illuminated lock keyhole means. 2,226,854; Dec. 31.
Gohorel, Fernand P., Antony, assignor to Compagnie des Telephones Thomson-Houston, Paris, France. Remote control system. 2,209,883; July 30.
Göhre, Ernst, assignor to Concordia Elektrizitäts-Aktiengesellschaft, Dortmund, Germany. Foam producer for fire extinguishers. 2,213,122; Aug. 27.
Göhre, Kurt R., and P. Jordan, Frankfort-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Displaceable rotary furnace. 2,198,870; Apr. 30.
Goin, George R., Detroit, Mich., assignor to Peninsular Metal Products Corporation. Vehicle running gear. 2,189,204; Feb. 6.
Going, George G., Stamford, Conn., assignor, by mesne assignments, to Remington Rand Inc., Buffalo, N. Y. Electric dry shaver. 2,215,099; Sept. 17.
Goit, Laurance E., Los Angeles, Calif., and E. C. Brisbane, assignors to S. Morgan Smith Company, York, Pa. Control system. 2,219,359; Oct. 29.
Goit, Laurance E., Los Angeles, Calif., and E. C. Brisbane, assignors to S. Morgan Smith Company, York, Pa. Control system. 2,220,327; Nov. 5.
Gold, Bruce E. (See Gold, Samuel B. and B. E.)
Gold, Morris, et al. (See Kramer, Irving, assignor.)

Gold, Sam, Chicago, Ill., assignor to American Advertising & Research Corporation. Animating apparatus. 2,197,268; Apr. 16.
Gold, Samuel, Chicago, Ill. Toy. 2,201,486; May 21.
Gold, Samuel B., and B. E., Independence, assignors, to Weber Engine Company, Kansas City, Mo. Fuel injection nozzle. 2,213,928; Sept. 3.
Goldammer, Clarence L., Milwaukee, Wis. Artificial fish bait. 2,190,449; Feb. 13.
Goldberg, Aaron S., assignor to Bunting Glider Company, Philadelphia, Pa. Glider. 2,210,076; Aug. 6.
Goldberg, David D., Springfield, assignor to Chapman Valve Manufacturing Company, Indian Orchard, Mass. Valve. 2,214,324; Sept. 10.
Goldberg, Elias, New York, N. Y. Vehicle wheel. 2,219,069; Oct. 22.
Goldberg, Emanuel, Paris, France. Photographic camera for flexible materials sensitive to light. 2,225,433; Dec. 17.
Goldberg, George, and E. Graf, New York, N. Y., assignors to G. & G. Precision Works, Inc. Portable mixer. 2,203,430; June 4.
Goldberg, Isaac R., St. Louis, Mo. Plant protector. 2,226,812; Dec. 31.
Goldberg, Israel, New York, N. Y. Jack. 2,200,392; May 14.
Goldberg, Jacob M., Denver, Colo. Separable moving picture film reel. 2,225,987; Dec. 24.
Goldberg, Martin J., Philadelphia, Pa. Hose coupling attaching apparatus. 2,211,008; Aug. 13.
Goldberg, Maurice H., Chicago, Ill. Color wave projector. 2,197,637; Apr. 16.
Goldberg, Maurice H., Chicago, Ill., assignor to I. J. London, L. London, and B. W. London, as joint tenants, Detroit, Mich. Sign projection apparatus. 2,222,837; Nov. 26.
Goldberg, Max, New York, N. Y. Apparatus for sewing mattresses. 2,185,251; Jan. 2.
Goldberg, Max, New York, N. Y. Stuffing and packing machine. 2,208,255; July 16.
Goldberg, Morris L., Kiamesha, N. Y. Indicator for night driving of automobiles. 2,200,167; May 7.
Goldberg, Morris L., Kiamesha, N. Y. Reflector device for indicating the position of a car. 2,200,168; May 7.
Goldberg, Morris L., Kiamesha, N. Y. Detachable clamp for sponge brushes and the like. 2,213,732; Sept. 3.
Goldberger, Franz. (See Bloch, R., and Goldberger.)
Goldblatt, Henry J. (See Landgraf, Myron J., assignor.)
Golden, A. W., et al. (See Berstler, Carl E., assignor.)
Golden, Abraham H., and C. Ledin, assignors to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock. 2,222,027; Nov. 19.
Golden Belt Manufacturing Company. (See Dalton, John T., assignor.)
Golden, Louis J., Highland Park, and P. Aronov, assignors to B and B Shoe Company, Chicago, Ill. Child's shoe. 2,199,338; Apr. 30.
Goldenberg, Claire, Brooklyn, N. Y. Adjustable fastening construction. 2,208,026; July 16.
Goldenberg, Harry, Philadelphia, Pa. Window construction. 2,221,515; Nov. 12.
Goldenberg, Michael, Philadelphia, Pa. Ice skate and shoe. 2,206,397; July 2.
Goldenberg, Seymour, Grantwood, N. J. Tire chain anchor device. 2,201,397; May 21.
Golden Gate Mfg. Co. Limited. (See MacMillan, Frank R., assignor.)
Golden State Supply Co. (See Bower, Howard W., assignor.)
Goldfarb, Jacob A., Frankfort, Ky., assignor to Union Underwear Company, Inc., Indianapolis, Ind. Undergarment. 2,194,791; Mar. 26.
Goldfield, Edwin R., University Heights, Ohio, and C. B. Horsley, Toronto, Ontario, Canada, assignors to Picker X-Ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio. X-ray tube current metering means. 2,189,894; Feb. 13.
Goldfinger, Isidoro, Milan, Italy. Circuit control device for motor vehicles. 2,209,118; July 23.
Goldfinger, Paul, Brussels-Uccle, assignor to B. Gaspar, Brussels, Belgium. Producing color selection pictures from multicolor master images. 2,207,631; July 9.
Goldfinger, Paul, Brussels-Uccle, assignor to B. Gaspar, Brussels, Belgium. Treating photographic material to obtain colored pictures. 2,217,544; Oct. 8.
Goldfinger, Paul, Brussels-Uccle, assignor to B. Gaspar, Brussels, Belgium. Light-sensitive multilayer material. 2,217,899; Oct. 15.
Goldhammer, Helene, assignor to A. Frenkel, Vienna, Austria. Disinfectant and wound remedy and the production thereof. 2,189,564; Feb. 6.
Goldhammer, Leo, Munich, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Photographic camera. 2,204,488; June 11.
Goldhammer, Leo, Munich, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Motion picture camera. 2,226,971; Dec. 31.
Goldhammer, Leo, and S. Gelius, Munich, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Roll film camera with exposure meter. 2,188,711; Jan. 30.
Golding, Julius, Whippany, assignor to Unity Machine Corporation, Newark, N. J. Fur-unhairing machine. 2,196,672; Apr. 9.
Goldkamp, Otto B., assignor of one-half to San Diego Consolidated Gas and Electric Company, San Diego, Calif. Valve. 2,205,774; June 25.
Goldman, David, New York, N. Y. Sewing case for thread braids. 2,190,873; Feb. 20.
Goldman, Joseph, Woodmere, N. Y. Hanger. 2,198,768; Apr. 30.
Goldman, Lawrence E., St. Louis, Mo. Pediatric appliance. 2,211,203; Aug. 13.
Goldman, Sylvan N., Oklahoma City, Okla. Folding basket carriage for self-service stores. 2,196,914; Apr. 9.
Goldman, Sylvan N., Oklahoma City, Okla. Store service truck. 2,201,533; May 21.
Goldman, Sylvan N., Oklahoma City, Okla. Folding store service truck. 2,220,150; Nov. 5.
Goldman, Yehuda, New York, N. Y. Foldable, portable shelving. 2,205,193; June 18.
Goldmann, Joachim, Berlin-Wilmersdorff, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Tuning arrangement for high frequency apparatus. 2,203,329; June 4.
Goldmann, Joachim, Berlin-Wilmersdorf, Germany, assignor to International Telephone Development Co., Inc., New York, N. Y. Airplane guiding beacon. 2,212,230; Aug. 20.
Goldmark, Peter C., New York, N. Y. Method and apparatus for signal translation. 2,203,353; June 4.
Goldmark, Peter C., assignor to Markia Corporation, New York, N. Y. Sound and television receiving system. 2,186,455; Jan. 9.
Goldmark, Peter C., assignor to Markia Corporation, New York, N. Y. Method and apparatus for producing echo effects. 2,203,352; June 4.
Goldmark, Peter C., assignor to Markia Corporation, New York, N. Y. Television-facsimile system. 2,211,926; Aug. 20.
Goldner, George W., assignor to James R. Kearney Corporation, St. Louis, Mo. Sectionalizing cutout. 2,203,330; June 4.
Goldrick, Paul M. and W. C. Otto, assignors to J. I. Holcomb Manufacturing Company, Indianapolis, Ind. Fountain brush. 2,215,610; Sept. 24.
Golds, Lionel B. S. (See Whitby, E., and Golds.)
Goldsborough, John B., Croton on Hudson, N. Y. Skeleton frame work structure and constructing the same. 2,194,279; Mar. 19.
Goldsby, Arthur R., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Conversion of lower molecular weight hydrocarbons into higher molecular weight hydrocarbons. 2,221,165; Nov. 12.
Goldsby, Arthur R., Beacon, and C. W. Watson, Dobbs Ferry, assignors to The Texas Company, New York, N. Y. Combination polymerization and alkylation of hydrocarbons. 2,211,747; Aug. 13.
Goldschmid, Rudolph, and C. Hammerschmidt, Milwaukee, Wis. Eyeglass. 2,224,784; Dec. 10.
Goldschmidt, Frank P., Sr., Chicago, Ill., assignor to The Ruberoid Co., New York, N. Y. Siding unit. 2,221,475; Nov. 12.
Goldschmidt, Friedrich. (See Kafowi, Johann, assignor.)
Goldschmidt, Hans, deceased, Berlin, Grunewald, and O. Neuss, Berlin-Charlottenburg, Germany, M. I. Goldschmidt, administratrix of said H. Goldschmidt, assignors, by mesne assignments, to American Cyanamid Company. Making artificial bodies from urea and formic aldehyde. 2,222,028; Nov. 19.
Goldschmidt, Marie I., administratrix. (See Goldschmidt, H., and Neuss.)
Goldschmidt, Max. (See Gaul, Max, assignor.)
Goldschmidt, Max, London, England. Water circulation thermostat. 2,222,710; Nov. 26.
Goldschmidt, Victor M., Holmenkollen, Per Oslo, Norway. Metal cased refractory. 2,216,813; Oct. 8.
Goldschmidt, Th. A.-G., et al. (See Wiedbrauck, E., and Ginsberg, assignors.)
Goldschmidt, Th., A.-G., Chemische Fabriken. (See Schwabe, K., and Büche, assignors.)
Gold Seal Importers, Inc. (See Freidman, Leo, assignor.)
Goldsmith, Alfred N., New York, N. Y. Television control. 2,193,869; Mar. 19.
Goldsmith, Alfred N., New York, N. Y. Nested remote and local control units. 2,199,371; Apr. 30.
Goldsmith, Alfred N., New York, N. Y. Television system. 2,219,149; Oct. 22.
Goldsmith, Alfred N., New York, N. Y. Television system. 2,221,091; Nov. 12.
Goldsmith, Alfred N., New York, N. Y., assignor to Radio Corporation of America. Recording and reproducing of sound. 2,207,249; July 9.
Goldsmith, Alfred N., New York, N. Y., assignor to Radio Corporation of America. Production of sound picture records. 2,211,416; Aug. 13.
Goldsmith, Alfred N., assignor to Radio Corporation of America, New York, N. Y. Television scanning device. 2,227,080; Dec. 31.
Goldsmith, Bertram J., Neshanic, N. J. Narrow fabric. 2,200,882; May 14.
Goldsmith, Bertram J., Neshanic, N. J. Making pockets. 2,208,256; July 16.

Goldsmith, Elmer L., Indianapolis, assignor to Zone-O-Trol-Pierce, Inc., Anderson, Ind. Automatic speed control for automotive vehicles. 2,209,158; July 23.
Goldsmith, Louis R. (See Greensfelder, B. S., and Goldsmith.)
Goldsmith, Thomas T., Jr., Montclair, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Mosaic screen. 2,190,020; Feb. 13.
Goldsmith, Thomas T., Jr., Montclair, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Method and system for television communications. 2,201,309; May 21.
Goldsmith, William M., and W. H. Kappes, Cincinnati, Ohio; said Kappes assignor to said Goldsmith. Notching machine. 2,227,185; Dec. 31.
Goldstein, David, et al. (See Levine, Dave, assignor.)
Goldstein, Jonah J., et al. (See Levine, Dave, assignor.)
Goldstein, Lewis W., New York, N. Y. Adjustable stop for tape dispensing machines. 2,213,908; Sept. 3.
Goldstein, Lewis W., assignor to Lipton Manufacturing Co., Inc., New York, N. Y. Presser plate for tape dispensing machines. 2,209,266; July 23.
Goldstein, Morris L., Brooklyn, N. Y. Convertible spoon and fork. 2,216,005; Sept. 24.
Goldstein, Richard F. (See Baird, W., Goldstein, Jones, and Meade.)
Goldstein, Samuel, New York, N. Y. Pressing machine. 2,197,613; Apr. 16.
Goldstein, Simon I., Baltimore, Md. Umbrella carrier. 2,190,264; Feb. 13.
Goldstine, Hallan E. (See Hansell, C. W., and Goldstine.)
Goldstine, Hallan E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Resonant line and associated circuit. 2,215,582; Sept. 24.
Goldsworthy, Marion C., Takoma Park, Md.; dedicated to the free use of the People in the Territory of the United States. Fungicide. 2,203,431; June 4.
Goldthwaite, George R., South Easton, assignor to B. F. Sturtevant Company, Boston, Mass. Apparatus for rolling sheet metal. 2,219,207; Oct. 22.
Goldup, Cecil E., Ashford, England. Raising and lowering of agricultural implements. 2,198,196; Apr. 23.
Goldvogel, Louis, and G. St. John, assignors to D. A. Schulte, Inc., New York, N. Y. Tobacco pipe. 2,188,712; Jan. 30.
Goldwyn Brothers. (See Goldwyn, George I.)
Goldwyn, George I., et al. (See Goldwyn, George I., assignor.)
Goldwyn, George I., et al. (See Waldman, N., and Polimac, assignors.)
Goldwyn, George I., assignor to G. I. and H. Goldwyn, Chicago, Ill., copartners doing business under the name and style of Goldwyn Brothers. Treating used bags. 2,226,855; Dec. 31.
Goldwyn, Herman, et al. (See Goldwyn, George I., assignor.)
Goldwyn, Herman, et al. (See Waldman, N., and Polimac, assignors.)
Goll, Richard, Dresden, Germany. Refining machine for cocoa-containing and like masses. 2,213,811; Sept. 3.
Göllner, Detlev, Aachen, Germany. Apparatus for raising liquids. 2,207,318; July 9.
Gollnick, Walter, Chicago, Ill. Accordion. 2,198,160; Apr. 23.
Gollwitzer, Walter T., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,211,772; Aug. 20.
Golod, Maurice P., New York, assignor of one-half to H. Zeidner, Edgemore, and one-half to M. M. Meyers, New York, N. Y. Automobile wheel. 2,209,967; Aug. 6.
Golub, Samuel, and B. Frommer, New York, N. Y. Physician's head mirror. 2,190,473; Feb. 13.
Gomes, Benedicto C., and L. G. Filho, Sao Paulo, Brazil. Lipstick display package. 2,212,397; Aug. 20.
Gomez, Florencio, et al. (See Yanes, Francisco G., assignor.)
Gommel, Dewey E., assignor to E. C. Atkins and Company, Indianapolis, Ind. Insertable tooth metal saw. 2,221,735; Nov. 12.
Gomonet, Edouard, assignor to Societe Anonyme pour les Applications de l'Electricité et des Gaz Rares, Etablissements Claude-Paz et Silva, Paris, France. Double-walled electric incandescent lamp. 2,188,945; Feb. 6.
Gomonet, Eugene, Paris, France, assignor to Air Reduction Company, Incorporated, New York, N. Y. Recovery of krypton and xenon from the atmosphere. 2,195,987; Apr. 2.
Gong Bell Manufacturing Company, The. (See Allen, Harold D., assignor.)
Gongolsky, Chris, Brooklyn, N. Y. Producing facsimiles. 2,217,164; Oct. 8.
Gonick, Max. (See Fayer, E., and Gonick.)
Gonser, Bruce W., and A. U. Seybolt, Columbus, and D. A. McArthur, Warren, Ohio, assignors, by mesne assignments, to The Wean Engineering Company, Inc. Apparatus for coating strip. 2,223,355; Dec. 3.
Gonsor, John, Chicago, Ill. Dehairing device. 2,204,755; June 18.
González, Alberto A., Mexico, D. F., Mexico. Illimunable attachment for automotive vehicles. 2,196,915; Apr. 9.
Gonzalez, Augusto C., Manila, P. I. Steam and air engine. 2,221,969; Nov. 19.
González, José N., Salamanca, Mexico. Apparatus to mechanize the conjugation of English verbs. 2,204,931; June 18.
Gonzalez-Rincones, Pedro, Caracas, Venezuela. Method and apparatus for stereoscopic fluoroscopy. 2,208,215; July 16.
Good, Harry L., Reading, Pa. Exercising boot. 2,214,052; Sept. 10.
Good, Joseph H., Newark, and W. F. Dester, West Orange, N. J. Control device for radio receiving apparatus. 2,192,706; Mar. 5.
Good, Paul J. (See Brown, W. J., and Good.)
Goodaire, Edwin W., Shaker Heights, assignor, by mesne assignments, to Cleveland Frog & Crossing Co., Cleveland, Ohio. Switch clip. 2,223,867; Dec. 3.
Goodale, Lynn, assignor to Federal Telegraph Company, Newark, N. J. Grid electrode support. 2,192,375; Mar. 5.
Goodale, Lynn, assignor to Federal Telegraph Company, Newark, N. J. Metal to glass seal. 2,198,769; Apr. 30.
Goodall, Leonard, Warrensburg, Mo. Rotary grass cutter. 2,208,972; July 23.
Goodall, Richard B., Aldan, assignor to Dixon Valve & Coupling Company, Philadelphia, Pa. Rotary hose coupling construction. 2,220,785; Nov. 5.
Goodell, Leslie W., Dowagiac, Mich. Pack of business forms and making the same. 2,226,765; Dec. 31.
Gooden, Walter, New York, N. Y. Brace mounting. 2,222,408; Nov. 19.
Goodenough, Ernest F. (See Myers, L. M., and Goodenough.)
Goodenough, Ernest F. (See Rust, N. M., and Goodenough.)
Gooder, Seth M., Deerfield, Ill. Material lock for tunnels. 2,190,064; Feb. 13.
Goodfellow, Isaac. (See De Witt, W. J., Goodfellow, and Sims.)
Goodfellow, Joseph P., Bellingham, Wash. Weather strip. 2,206,183; July 2.
Goodfellow, Sampson J., Regina, Saskatchewan, Canada. Grain dusting machine. 2,197,693; Apr. 16.
Goodhart, Charles I., Chicago, Ill. Furnace regulating system. 2,211,501; Aug. 13.
Goodheart, Marshall F., Chicago, Ill. Cabinet. 2,206,225; July 2.
Goodhue, Albert E., Quincy, Mass. Display device. 2,220,228; Nov. 5.
Good Humor Corporation of America. (See Otken, Edwin J., assignor.)
Goodin, Robert L. (See Holloway, A. F., and Goodin.)
Gooding, Chester M., Jersey City, and H. W. Vahlteich, Edgewater, N. J., assignors to The Best Foods, Inc., New York, N. Y. Preparation of fatty acid esters of polyhydroxy alcohols. 2,197,339; Apr. 16.
Gooding, Chester M., Jersey City, and H. W. Vahlteich, Edgewater, N. J., assignors to The Best Foods, Inc., New York, N. Y. Preparation of fatty acid esters of polyhydroxy alcohols. 2,197,340; Apr. 16.
Gooding, Francis H., Lodi, assignor to The Okonite-Callender Cable Company, Incorporated, Peterson, N. J. Apparatus for electrically measuring the wall thickness of metal tubing and for controlling the wall thickness. 2,213,983; Sept. 10.
Goodlake, Clyde, Wenatchee, Wash. Meat table. 2,187,312; Jan. 16.
Goodling, George G., Jr., Woodlynne, and A. C. Stocker, Haddon Heights, N. J., assignors to Radio Corporation of America. Switching circuit. 2,207,055; July 9.
Goodloe, Alfred M., Roanoke, Va., and R. L. Hartwell, Orange, assignors to Metal Textile Corporation, West Orange, N. J. Padding for ironing boards, pressing machine bucks and rolls, and the like. 2,215,467; Sept. 24.
Goodloe, Kenneth V., assignor to Clarke and Courts, Houston, Tex. Copyholder. 2,221,237; Nov. 12.
Goodman, Abraham H. (See Walsh, J. F., Kinzinger, and Goodman.)
Goodman, Emil, assignor, by mesne assignments, to J. E. Johnson, Chicago, Ill. Coin or token handling apparatue. 2,204,853; June 18.
Goodman, Harry, and V. S. Dillingham, assignors to R. M. Wolfe, Oklahoma, City, Okla. Air cooling unit and atomizer therefor. 2,215,753; Sept. 24.
Goodman, Hugh F. (See Seligman, R., and Goodman.)
Goodman, Hugh F., London, assignor to The Aluminium Plant & Vessel Company Limited, Point Pleasant, Wandsworth, London, England. Plate-type heat exchanger. 2,193,405; Mar. 12.
Goodman, John H. (See Jones, C. R., Goodman, and Cowley.)
Goodman, John S., near Wichita Falls, Tex. Pruning apparatus for trees and the like. Re. 21,347; Feb. 13.
Goodman Manufacturing Company. (See Andershock, Chester E., assignor.)
Goodman Manufacturing Company. (See Bergmann, Ernst R., assignor.)
Goodman Manufacturing Company. (See Biedess, Anthony R., assignor.)
Goodman Manufacturing Company. (See Bigelow, Roy S., assignor.)
Goodman Manufacturing Company. (See Cartlidge, Frank, assignor.)
Goodman Manufacturing Company. (See Doberstein, Edward J., assignor.)

Goodman Manufacturing Company. (See Jarrett, Luther E., assignor.)
Goodman Manufacturing Company. (See McCullough, William T., assignor.)
Goodman Manufacturing Company. (See Packer, Glenn W., assignor.)
Goodman Manufacturing Company. (See Pray, Thomas E., assignor.)
Goodman Manufacturing Company. (See Rankin, Robert E., assignor.)
Goodman Manufacturing Company. (See Sloane, William W., assignor.)
Goodman Manufacturing Company. (See Stoltz, Charles E., assignor.)
Goodman Manufacturing Company. (See Wood, Frank J., assignor.)
Goodman, Martin, New York, and D. Lance, Brooklyn, assignors to The Neatform Co. Inc., New York, N. Y. Adjustable garment. 2,213,669; Sept. 3.
Goodman, Reuben E., Lowell, Mass. Card table. 2,216,171; Oct. 1.
Goodman, Samuel, Chicago, Ill. Stick handling apparatus. 2,190,943; Feb. 20.
Goodman, Willard B., Radburn, N. J., assignor to Wright Aeronautical Corporation. Aircraft propeller drive. 2,225,109; Dec. 17.
Goodman, William, La Crosse, Wis. Air conditioning. 2,207,728; July 16.
Goodman, William, La Crosse, Wis. Air conditioning. 2,207,729; July 16.
Goodman, William, La Crosse, Wis., assignor to General Motors Corporation, Dayton, Ohio. Air conditioning system. 2,212,983; Aug. 27
Goodman, William V., Brooklyn, assignor to Master Venetian Blind Hardware Corporation, New York, N. Y. Venetian blind bracket. 2,207,250; July 9.
Goodrich, B. F., Company, The. (See Alexander, Claude H., assignor.)
Goodrich, B. F. Company, The. (See Allen, Raymond P., assignor.)
Goodrich, B. F., Company, The. (See Alward, G. L., and Lear, assignors.)
Goodrich, B. F., Company, The. (See Anderson, John F., assignor.)
Goodrich, B. F., Company, The. (See Bedell, James R., assignor.)
Goodrich, B. F., Company, The. (See Beebe, John D., assignor.)
Goodrich, B. F., Company, The. (See Browne, Arthur W., assignor.)
Goodrich, B. F., Company, The. (See Busse, Warren F., assignor.)
Goodrich, B. F., Company, The. (See Busse, W. F., and Cunningham, assignors.)
Goodrich, B. F., Company, The. (See Cadden, Charles C., assignor.)
Goodrich, B. F., Company, The. (See Calkins, Albert E., assignor.)
Goodrich, B. F., Company, The. (See Castello, Allen D., assignor.)
Goodrich, B. F., Company, The. (See Colley, Russell S., assignor.)
Goodrich, B. F., Company, The. (See Craig, David, assignor.)
Goodrich, B. F., Company, The. (See Crawford, Richard A., assignor.)
Goodrich, B. F., Company, The. (See Cunningham, Edward N., assignor.)
Goodrich, B. F., Company, The. (See Elliott, William H., assignor.)
Goodrich, B. F., Company, The. (See Fenton, Frank, assignor.)
Goodrich, B. F., Company, The. (See Freeman, Walter B., assignor.)
Goodrich, B. F., Company, The. (See Garvey, Benjamin S., assignor.)
Goodrich, B. F., Company, The. (See Garvey, B. S., and Alexander, assignors.)
Goodrich, B. F., Company, The. (See Grinter, Hershel W., assignor.)
Goodrich, B. F., Company, The. (See Haushalter, Fred L., assignor.)
Goodrich, B. F., Company, The. (See Japs, Archie B., assignor.)
Goodrich, B. F., Company, The. (See Jones, Paul C., assignor.)
Goodrich, B. F., Company, The. (See Kmentt, Waldemar D., assignor.)
Goodrich, B. F., Company, The. (See Krotz, Alvin S., assignor.)
Goodrich, B. F., Company, The. (See L'Hollier, Leslie H., assignor.)
Goodrich, B. F., Company, The. (See Maclachan, Andrew D., assignor.)
Goodrich, B. F., Company, The. (See Martin, Frederick H., assignor.)
Goodrich, B. F., Company, The. (See Mathes, Rogeer A., assignor.)
Goodrich, B. F., Company, The. (See Nathan, Tracy D., assignor.)
Goodrich, B. F., Company. (See Partridge, Edward G., assignor.)
Goodrich, B. F., Company. (See Rader, Persons C., assignor.)
Goodrich, B. F., Company, The. (See Reimel, Samuel R., assignor.)
Goodrich, B. F., Company. (See Schoenfeld, Frank K., assignor.)
Goodrich, B. F., Company, The. (See Seaton, John H., assignor.)
Goodrich, B. F., Company, The. (See Semon, Waldo L., assignor.)
Goodrich, B. F., Company, The. (See Sloan, Arthur W., assignor.)
Goodrich, B. F., Company, The. (See Sloan, A. W., and Jones, assignors.)
Goodrich, B. F., Company, The. (See Slucher, Frank, assignor.)
Goodrich, B. F., Company, The. (See Snyder, Clarence E., assignor.)
Goodrich, B. F., Company, The. (See Sternad, Frank S., assignor.)
Goodrich, B. F., Company, The. (See Suprenant, Leonard C., assignor.)
Goodrich, B. F., Company, The. (See Taylor, Myron L., assignor.)
Goodrich, B. F., Company. (See Trumbull, Harlan L., assignor.)
Goodrich, B. F., Company, The. (See Waner, Harry E., assignor.)
Goodrich, B. F., Company, The. (See Wellman, Victor E., assignor.)
Goodrich, B. F., Company, The. (See Wellman, V. E., and Semon, assignors.)
Goodrich, B. F., Company, The. (See Yohe, Robert V., assignor.)
Goodrich, Coy C., San Francisco, Calif. Heater. 2,219,557; Oct. 29.
Goodrich, Howard C., McDonald, Ohio. Slide rule. 2,221,476; Nov. 12.
Goodrich, Norris E., assignor to Battle Creek Equipment Company, Battle Creek, Mich. Therapeutic lamp. 2,198,770; Apr. 30.
Good Roads Machinery Corporation. (See Abbe, George C., assignor.)
Goodson, C. C., et al. (See Atkins, H. J., and Bennett, assignors.)
Goodson, Jack. (See Thorne, Harold, assignor.)
Goodstein, Charles B., Brooklyn, N. Y. Staple blank. 2,202,905; June 4.
Goodstein, William L., Pittsburgh, Pa. Wet sanding machine. 2,221,448; Nov. 12.
Goodwin, Edwin W., New Rochelle, assignor to Dexter Folder Company, Pearl River, N. Y. Sheet feeding apparatus. 2,208,304; July 16.
Goodwin, Eugene W., Bethesda, Md. Radiator, valve, and trap. 2,188,836; Jan. 30.
Goodwin, George R., assignor to Royal Electric Company, Incorporated, Pawtucket, R. I. Electric lamp switch cover. 2,213,649; Sept. 3.
Goodwin, Herbert S., Bushnell, Fla. Butcher's sanitary knife and saw rack. 2,215,923; Sept. 24.
Goodwin, Norris, Long Beach, assignor, by mesne assignments, to Hewlings Mumper and Lewis Cruickshank, Los Angeles, Calif. Making magnesium silicate products. 2,203,614; June 4.
Goodyear, Charles H., Stockton, assignor to Fibreboard Products Inc., San Francisco, Calif. Carton. 2,218,509; Oct. 22.
Goodyear Footwear Corporation. (See Chace, C. H., Lingley, and McCarthy, assignors.)
Goodyear, Robert G., New York, N. Y. Electrical switch. 2,198,336; Apr. 23.
Goodyear, Robert G., New York, N. Y. Connector. 2,198,964; Apr. 30.
Goodyear-Zeppelin Corporation. (See Donnell, Lloyd H., assignor.)
Goodyear-Zeppelin Corporation. (See Loudenslager, O. W., and Donnell, assignors.)
Gooris, Albert, Chestnut Hill, Pa. Smoking device. 2,194,699; Mar. 26.
Gooskens, Henricus, Eindhoven, Netherlands, assignor to General Electric Company. Thermionic cathode. 2,218,381; Oct. 15.
Goosmann, Justus C., Chicago, Ill., assignor to The S. S. White Dental Manufacturing Company. Solidification of gases. 2,217,678; Oct. 15.
Gora, Henry Z., assignor to Jenkins Bros., Bridgeport, Conn. Valve core, container, and stem. 2,188,713; Jan. 30.
Gora, Henry Z., assignor to Jenkins Bros., Bridgeport, Conn. Valve stem. 2,194,895; Mar. 26.
Gora, Henry Z., Bridgeport, Conn., assignor to Jenkins Bros., New York, N. Y. Stopper for drains. 2,226,464; Dec. 24.
Goranson, Roy W., and W. A. Zisman, assignors to Carnegie Institution of Washington, Washington, D. C. Electric field sensitive device. 2,187,541; Jan. 16.
Gorbatenko, Dimitri L., assignor to Dimgor Corp., San Francisco, Calif. Multiroll tape dispenser unit. 2,226,282; Dec. 24.
Gorbatenko, Dimitri L., and A. Allgoewer, assignors of two-thirds to M. Ditlow, San Francisco, Calif., and one-third to said Gorbatenko. Shoe vise. 2,190,983; Feb. 20.
Gorbatenko, Dimitri L., and A. J. Allgoewer, assignors to Dimgor Corp., San Francisco, Calif. Fur knife. 2,198,111; Apr. 23.

Gorbea, Adolfo I. (See Gorbea, Juan I. and A. I.)
Gorbea, Juan I. and A. I., San Juan, P. R. Doll. 2,185,190; Jan. 2.
Gordenstein, Harry. (See de Verry, George, assignor.)
Gorder, Frank L. (See Tuoro, J. B., Van Gorder, and Anderson.)
Gordon, Aaron, Berkeley, Calif. Impregnating material for preserving wood. 2,194,827; Mar. 26.
Gordon, Alexander G., and J. T. Ebert, assignors to L. R. Gordon, Winston-Salem, N. C. Apparatus for attaching binder strings. 2,226,766; Dec. 31.
Gordon, Arthur, Chicago, Ill. Dispensing apparatus. 2,220,877; Nov. 12.
Gordon, Charles, assignor to Transit Research Corporation, New York, N. Y. Rail wheel construction. 2,222,337; Nov. 19.
Gordon, Charles W., Glen Ellyn, Ill., assignor to Combustion Engineering Company, Inc., New York, N. Y. Combined filter and press. 2,226,926; Dec. 31.
Gordon, Chester S. (See Dixon, J. B., and Gordon.)
Gordon, Claud T., Company. (See Noble, Charles E., assignor.)
Gordon, Donald, New York, N. Y. Splint. 2,186,456; Jan. 9.
Gordon, Harold R., Flossmoor, and F. F. Florsheim, Chicago, assignors to Diamond Wire & Cable Co., Chicago Heights, Ill. Strain relief. 2,219,545; Oct. 29.
Gordon, Jack C., assignor to Allen Industries, Inc., Detroit, Mich. Making dies. 2,206,088; July 2.
Gordon, Jack J., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose organic acid ester composition containing acyl amides. 2,211,327; Aug. 13.
Gordon, Jack J., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin composition containing acyl amides. 2,213,763; Sept. 3.
Gordon, Jack J., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin compositions containing the butyl ether of diethylene glycol benzoate. 2,218,237; Oct. 15.
Gordon, Jack J., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheets containing methoxyethyl maleate. 2,218,238; Oct. 15.
Gordon, Jack J., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheets containing di-isoamyl maleate. 2,218,239; Oct. 15.
Gordon, Jacob, Washington, D. C. Lead pencil. 2,223,249; Nov. 26.
Gordon, John F., and C. H. Bouvy, assignors to General Motors Corporation, Detroit, Mich. Generator drive. 2,186,290; Jan. 9.
Gordon, Joseph P., Rockford, Ill. Seat cushion. 2,204,449; June 11.
Gordon, Libby. (See Love, H., and Gordon.)
Gordon, Lillian R. (See Gordon, A. G., and Ebert, assignors.)
Gordon, Raymond A., Hyattsville, Md. High frequency transmitter. 2,192,187; Mar. 5.
Gordon, Robert H., assignor to Parker Rust-Proof Company, Detroit, Mich. Conveyer mechanism. 2,209,915; July 30.
Gordon, Robert H., assignor to Parker Rust-Proof Company, Detroit, Mich. Conveyer mechanism. 2,209,916; July 30.
Gordon, Russell R. (See Gelder, R. H., and Gordon.)
Gordon, Samuel H., and W. F. Young, Inverness, Scotland. Electric flash welding machine. 2,187,452; Jan. 16.
Gordon, Sidney D., Des Moines, Iowa. Daily reminder. 2,193,277; Mar. 12.
Gordon-Stables, Ida, London, England. Cosmetic container. 2,201,035; May 14.
Gordon, Sumner S., Brookline, assignor to Bandaway, Inc., Boston, Mass. Strip severing device. 2,209,453; July 30.
Gordon, Taylor, New York, N. Y. Game apparatus. 2,187,493; Jan. 16.
Gordon, Tulane. (See Alley, Thomas R., assignor.)
Gordon, William R., assignor to The Atwood Machine Company, Stonington, Conn. Gear transmission for textile machines. 2,197,361; Apr. 16.
Gordon, William S., Jr., North Tonawanda, assignor to Roberts-Gordon Appliance Corporation, Buffalo, N. Y. Thermostatic device. 2,185,436; Jan. 2.
Gore, William W., Hewett, W. Va. Lawn mower. 2,192,468; Mar. 5.
Gorham, Ralph B., assignor to Mid-West Production Engineering, Inc., Detroit, Mich. Hydraulic hold-down stripper. 2,215,643; Sept. 24.
Görlich, Paul. (See Sauer, H., and Görlich.)
Görlich, Paul, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Cathode ray tube. 2,186,636; Jan. 9.
Görlich, Paul, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Producing a photoelectric tube. 2,187,234; Jan. 16.
Görlich, Paul, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photoelectric exposure meter. 2,208,027; July 16.
Görlich, Paul, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photoelectric exposure meter. 2,222,292; Nov. 19.
Görlich, Paul, and M. Ploke, assignors to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Cathode ray tube. 2,209,159; July 23.
Görlich, Paul, and M. Ploke, assignors to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Glow cathode for cathode ray tubes. 2,216,942; Oct. 8.
Gorman, Earl F., assignor to The Selas Company, Philadelphia, Pa. Gas burner. 2,199,951; May 7.
Gorman, James C., Mansfield, Ohio. Shaft sealing means. 2,215,034; Sept. 17.
Gorman, Marvin H., Corbin, Ky. Packing retainer. 2,191,851; Feb. 27.
Gorman, Vincent J., assignor to The International Elevator Company, Brooklyn, N. Y. Door operating mechanism. 2,225,003; Dec. 17.
Gorman, William W. (See Augustine, J. R., and Gorman.)
Gorochov, Iedidia, Vaucresson, France. Method and apparatus for the post-synchronization of films. 2,209,267; July 23.
Gorrell, John, Charleston, W. Va. Numbering device. 2,224,046; Dec. 3.
Gorrie, Harvard H., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Control system. 2,202,286; May 28.
Gorrie, Harvard H., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Apparatus for desuperheating vapor. 2,222,348; Nov. 19.
Gorse, William H. (See Scott, R. H., Gorse, and Hayward.)
Gorsuch, Howard F., P. Dupre, and C. B. Dupre, Mansfield, Ohio. Dump wagon. 2,226,465; Dec. 24.
Goserud, Chester O., St. Paul, Minn. Sash hanger. 2,203,049; June 4.
Goslin-Birmingham Manufacturing Company. (See Hunter, Henry M., assignor.)
Goss and De Leeuw Machine Company, The. (See Goss, S. T., and Spring, assignors.)
Goss, Floyd L., Los Angeles, Calif., assignor to General Cable Corporation, New York, N. Y. Damping cable vibration. 2,219,893; Oct. 29.
Goss, James H., and F. K. McCune, Swampscott, Mass., assignors to General Electric Company. Photometer. 2,209,815; July 30.
Goss, Marshall J. (See Phillips, M., and Goss.)
Goss, Norman P., Youngstown, Ohio. Method and apparatus for casting metal. 2,225,373; Dec. 17.
Goss, Oliver P. M. and W. C., Seattle, Wash. Manufacturing lumber. 2,198,245; Apr. 23.
Goss Printing Press Company, The. (See Crafts, Curtis S., assignor.)
Goss Printing Press Company, The. (See Harless, Charles A., assignor.)
Goss Printing Press Company, The. (See Nolan, William J., assignor.)
Goss Printing Press Company, The. (See Pollock, Willard M., assignor.)
Goss Printing Press Company, The. (See Taylor, Auburn, assignor.)
Goss Printing Press Company, The. (See Worthington, Emory W., assignor.)
Goss, Stanley T., New Britain, and J. J. Spring, Kensington, assignors to the Goss and De Leeuw Machine Company, New Britain, Conn. Metal working machine. 2,206,011; July 2.
Goss, Wesley R., and F. W. Merrill, Fort Wayne, Ind., assignors to General Electric Company. Dynamo-electric machine. 2,193,406; Mar. 12.
Goss, Worth C. (See Goss, Oliver P. M. and W. C.)
Goss, Worth C., Seattle, Wash. Lumber. 2,217,311; Oct. 8.
Gossard, H. W., Co., The. (See Wipperman, Hildegard, assignor.)
Gossel, Erich, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Directional antenna system. 2,213,276; Sept. 3.
Gossel, Erich, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Radio transmitting and receiving system. 2,219,922; Oct. 29.
Gossel, Erich, and W. Puhlmann, Berlin, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. High frequency system. 2,202,487; May 28.
Gossel, Erich, and W. Puhlmann, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Ultra short wave device. 2,212,231; Aug. 20.
Gossett, Edward D. (See Rateau, H., and Gossett.)
Gosslau, Fritz, Berlin-Charlottenburg, and J. Schmidt, Berlin-Eichkamp, assignors to Seimens Apparate und Maschinen (Gesellschaft mit beschrankter Haftung), Berlin, Germany. Aircraft engine control. 2,187,120; Jan. 16.
Gössler, Dietrich, Heidenheim, Brenz, Germany, assignor to American Voith Contact Company, Inc., New York, N. Y. Torque converter with two couplings. 2,213,342; Sept. 3.
Gossman, Mathias, assignor to L. G. Legorreta, Mexico, D. F., Mexico. Protective device for electric circuits. 2,203,867; June 11.
Gostkowski, Bedri H., Geneva, Switzerland. Pneumatic relooping machine. 2,186,603; Jan. 9.
Gotez, Oscar H., Chicago, Ill., assignor to American Chain & Cable Company, Inc. Nonlocking bumper guard. 2,207,918; July 16.
Gotham Pressed Steel Corporation. (See Konikoff, Robert H., assignor.)

Gotham Pressed Steel Corporation. (See Weidemann, Svend, assignor.)
Göthberg, Karl E. A., assignor to Aktiebolaget Svenska Kullagerfabrieken, Goteborg, Sweden. Making cages for roller bearings. 2,202,792; May 28.
Gothe, Albrecht. (See Kümmich, R., and Gothe.)
Gothe, Albrecht. (See Runge, W., and Gothe.)
Gothe, Albrecht, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. High frequency energy line. 2,187,584; Jan. 16.
Gothe, Albrecht, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio goniometer. 2,189,517; Feb. 6.
Gothe, Hermann, Potsdam, Germany. Shaping of ice cream. 2,214,325; Sept. 10.
Gott, Gordon E., Cambridge, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Supporting wrapped meat cuts. 2,202,375; May 28.
Gotterba, Clarence E., Long Beach, and A. R. Layer, Walnut Park, Calif., assignors, by mesne assignments, to said A. R. Layer. Spark plug. 2,214,958; Sept. 17.
Gottesman, Herman, Hillsdale, N. J. Frame for counters and tables. 2,205,376; June 18.
Gottfried, Charles, New York, N. Y. Baking oven. 2,217,312; Oct. 8.
Gottfried, John. (See Fry, B. W., and Gottfried.)
Gottfried, John, and B. W. Fry, St. Louis, Mo. Coin selector. 2,186,863; Jan. 9.
Gottfried, Siegfried, Budapest, Hungary. Fur or skin and its production. 2,225,267; Dec. 17.
Gottheim, Benjamin, Brooklyn, N. Y. Waste receptacle. 2,202,523; May 28.
Gottlieb, Bernard N., Brooklyn, N. Y. Timing device for telephones. 2,202,149; May 28.
Gottlieb, David E., New York, N. Y. Dog leash. 2,222,409; Nov. 19.
Gottlieb, Herbert, Brunn, Czechoslovakia. Making appliances for mechanical cosmetic treatment. 2,207,730; July 16.
Gottlieb, Joseph A., San Francisco, Calif. Line designating machine. 2,204,305; June 11.
Gottlieb, Leo. (See Nussbaum, Franz, assignor.)
Gottlieb, Oscar F., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Brazing and casehardening. 2,197,039; Apr. 16.
Gottlieb, Oscar F., Milwaukee, I. M. Jones, Thiensville, and E. E. Kohls, assignors to Briggs & Stratton, Corporation, Milwaukee, Wis. Engine starter. 2,201,310; May 21.
Gottlieb, Manious, Philadelphia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pressure regulating valve. 2,214,459; Sept. 10.
Gottlob Widmann K.-G. Elektro-und Radiofabrik. (See Herbst, Richard, assignor.)
Gottschalk, Albert, and A. Geisselsöder, Berlin, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Rectifier device. 2,188,079; Jan. 23.
Gottschalk, Norman F., Cleveland, Ohio. Mercury switch. 2,220,232; Nov. 5.
Gottschalt, Nellie M. (See Sacha, Nelson E., assignor.)
Gottwald, Donald, et al. (See Hosterman, Harry L., assignor.)
Goudge, Monson F., Ottawa, Ontario, assignor to Canadian Refractories Limited, Montreal, Quebec, Canada. Granular magnesia product. 2,208,185; July 16.
Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric toaster. 2,194,223; Mar. 19.
Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric iron construction. 2,201,107; May 14.
Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Handle and base construction for an electrical appliance. 2,204,212; June 11.
Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Oscillating electric fan. 2,210,865; Aug. 6.
Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric iron. 2,215,959; Sept. 24.
Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric iron. 2,215,960; Sept. 24.
Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Foot and base construction. 2,225,953; Dec. 24.
Gougler, C. L., Machine Company, The. (See Beckwith, G. R., and Propper, assignors.)
Gouin, Louis J., East Orange, N. J. Combination latch opening and window pane actuating mechanism. 2,222,659; Nov. 26.
Gouinlock, William S., and H. Truax, assignors to Climax Corporation, Batavia, N. Y. Stone picker for self-feeders of threshing machines. 2,209,268; July 23.
Goulard & Olena, Inc. (See Pierson, I. R., and Amrhyn, assignors.)
Gould, Andrew, Seattle, Wash. Toy. 2,217,111; Oct. 8.
Gould, Arthur S., Lakewood, W. M. Emery, Cleveland Heights, and R. E. Hyde, assignors to The Oster Manufacturing Company, Cleveland, Ohio. Pipe working tool. 2,191,692; Feb. 27.
Gould, Clarence W., Waltham, assignor, by mesne assignments, to Birdseye Electric Corporation, Gloucester, Mass. Electric lamp. 2,198,007; Apr. 23.
Gould, David F., Riverton, N. J., assignor to The Barrett Company, New York, N. Y. Refining hydrocarbon oils. 2,185,406; Jan. 2.
Gould & Eberhardt. (See Zimmermann, William F., assignor.)
Gould, George, assignor to Wolseley Motors Limited, Birmingham, England. Appliance for rolling screw threads. 2,204,182; June 11.
Gould, George, assignor to Wolseley Motors Limited, Birmingham, England. Appliance for rolling screw threads. 2,218,574; Oct. 22.
Gould, Herman. (See Ackerman, F., and Gould.)
Gould, Horace P., Boston, Mass. Arch supporting shoe. 2,188,182; Jan. 23.
Gould, Jack E., and P. D. Nielsen, Lorain, Ohio, assignors to National Tube Company. Manufacture of Bessemer steel seamless tubes. 2,209,968; Aug. 6.
Gould, James, Jr., assignor to The Miller Company, Meriden, Conn. Portable lamp. 2,204,986; June 18.
Gould, Jay H. (See Fergueson, A. P., and Gould.)
Gould, Jay H. (See Keegin, Curtis W., assignor.)
Gould, Merle E., White Plains, N. Y., assignor to Photoelectric Business Machines, Inc., Washington, D. C. Light-responsive commutator or switchboard. 2,189,001; Feb. 6.
Gould, Robert E., and D. A. Deaderick, Norris, Tenn. Forming ceramic ware. 2,221,794; Nov. 19.
Gould, Robert H., Johannesburg, Transvaal, Union of South Africa. Indicating apparatus. 2,189,107; Feb. 6.
Gould, Robert H., Johannesburg, Transvaal, Union of South Africa. Electrical meter. 2,206,252; July 2.
Gould, Richard E., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,191,198; Feb. 20.
Gould, Richard E., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,205,138; June 18.
Gould, Stephen P. (See Whittier, E. O., and Gould.)
Gould, Stephen P., and E. O. Whittier, Washington, D. C., dedicated to the free use of the People in the Territory of the United States. Fiber. 2,204,535; June 11.
Gouldbourn, Joseph, and T. A. Kestell, Leicester, England, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Sewing machine. 2,186,604; Jan. 9.
Gouldbourn, Joseph, and T. A. Kestell, Leicester, England, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Sewing machine. 2,188,093; Jan. 23.
Gouldbourn, Joseph, and T. A. Kestell, Leicester, England, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Nail-attaching machine. 2,193,195; Mar. 12.
Goulds Pumps, Inc. (See Mann, John, assignor.)
Goupil, Rene. (See Petitcolas, P., Goupil, Frenkiel, and Senti.)
Govan, William A. J., Beechhurst, Long Island, assignor of one-half to J. Marks, College Point, N. Y. Coupling or locking device. 2,196,013; Apr. 2.
Gove, Emery T., San Francisco, Calif. Scraper. Re. 21,626; Nov. 19.
Government and people of the United States and Territories. (See Avery, George S., Jr., assignor.)
Government and the People of the United States, Dedicated and assigned to the. (See Boyce, Alfred M.)
Government of the United States as represented by the Secretary of Commerce. (See Dunmore, Francis W., assignor.)
Government of the United States, as represented by the Secretary of the Interior. (See Ralston, Oliver C., assignor.)
Government of the United States as represented by the Secretary of the Interior, and his successors in office. (See St. Clair, Hillary W., assignor.)
Government of the United States as represented by the Secretary of the Treasury, and his successors. (See Hudson, C. S., Richtmyer, and Hann, assignors.)
Government of the United States of America, The. (See Proffitt, Max J., assignor.)
Government of the United States of America, as represented by the Secretary of the Treasury. (See Elvove, Elias, assignor.)
Government of the United States of America as represented by the Secretary of War. (See Conlon, Thomas A., assignor.)
Government of the United States of America, as represented by the Secretary of War and his successors in office. (See Garand, John C., assignor.)
Government of the United States of America, as represented by the Secretary of War and his successors in office. (See Skinner, Leslie A., assignor.)
Government of the United States of America, as represented by the Secretary of War and his successors in office. (See Summerbell, William, assignor.)
Government of the United States of America, represented by the Secretary of Commerce and his successors in office. (See Waters, Campbell E., assignor.)
Government of the United States represented by the Secretary of Commerce. (See Isbell, Horace S., assignor.)
Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Manufacture of lubricating oil. 2,198,575; Apr. 23.

Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Production of lubricating oils. 2,198,576; Apr. 23.
Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Manufacture of lubricating oil. 2,210,866; Aug. 6.
Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Manufacture of lubricating oil. 2,210,867; Aug. 6.
Gow, James T. (See Harder, O. E., and Gow.)
Gowland, Russell H., et al. (See Hayes, Cartlton Z., assignor.)
Grabe, Fred W., South Omaha, Nebr. Insect catching apparatus. 2,188,094; Jan. 23.
Grabenstein, Leo, Long Beach, N. Y. Apparel label. 2,223,610; Dec. 3.
Grace Hosiery Mills, Inc. (See Scott, Earnest H., assignor.)
Grace, Jack, Brooklyn, N. Y. Temperature warning signal. 2,187,346; Jan. 16.
Grace, Nathaniel H., assignor to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada. Stimulation of plant growth by the treatment of seeds. 2,204,213; June 11.
Grace, Nathaniel H., assignor to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada. Stimulation of growth from plant cuttings. 2,204,214; June 11.
Graceform-Camlin Corset Co. (See Imershein, Matthias, assignor.)
Gracey, Robert G., Oak Park, Ill., assignor to Crane Co., Cook County, Ill. Pump. 2,213,927; Sept. 3.
Grad, Adolf R., Wauwatosa, assignor to The Oilgear Company, Milwaukee, Wis. Lubricating apparatus. 2,224,502; Dec. 10.
Grad, Harold, assignor to Axelson Manufacturing Co., Los Angeles, Calif. Pump plunger. 2,220,822; Nov. 5.
Grade Crossing Guard Corporation. (See Evans, James M., assignor.)
Grade Crossing Guard Corporation. (See Evans, J. M., Cardinal, and Nampa, assignors.)
Grade Crossing Guard Corporation. (See Nampa, Sulo M., assignor.)
Grady, Benjamin, Washington, D. C. Punch press. 2,192,531; Mar. 5.
Grady, George M., Browndale Park, and H. F. Ruberg, assignors to The Flour City Ornamental Iron Company, Minneapolis, Minn. Lock for double-hung windows. 2,198,161; Apr. 23.
Grady, George M., Browndale Park, and H. F. Ruberg, assignors to The Flour City Ornamental Iron Company, Minneapolis, Minn. Check rail sealing construction. 2,200,547; May 14.
Grady, George M., Browndale Park, and H. F. Ruberg, assignors to The Flour City Ornamental Iron Company, Minneapolis, Minn. Window sash guiding and sealing means. 2,200,548; May 14.
Graebner, Otto F., assignor to The Murray Corporation of America, Detroit, Mich. Cowl ventilator structure. 2,191,650; Feb. 27.
Graef, Russell C., Westfield, N. J. Air conditioning means for automotive vehicles. 2,198,337; Apr. 23.
Graenacher, Charles, Riehen, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Producing dyeings. 2,187,453; Jan. 16.
Graenacher, Charles, Riehen, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Producing dyeings. 2,204,932; June 18.
Graenacher, Charles, Riehen, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Producing dyeings. 2,204,933; June 18.
Graenacher, Charles, Riehen, and R. Sallmann, Bottmingen, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Hydroxythioethers and producing same. 2,191,564; Feb. 27.
Graenacher, Charles, Riehen, F. Ackermann, Binningen, and H. Bruengger, Basel, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Acyl derivatives of azo dyestuffs and preparing same. 2,199,048; Apr. 30.
Graenacher, Charles, Riehen, J. Gyr and O. Kaiser, Basel, F. Ackermann, Binningen, and H. Bruengger, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Amide like derivatives of dyestuffs and making same. 2,218,952; Oct. 22.
Graenacher, Charles, Riehen, and R. Sallmann, Bottmingen, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Dyestuffs and making same. 2,219,280; Oct. 29.
Graenacher, Charles, Riehen, and P. Streuli, Basel, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Printing colors and process of printing. 2,220,402; Nov. 5.
Graenacher, Charles, Riehen, and P. Streuli, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Printing paste for printing textiles. 2,225,004; Dec. 17.
Graenacher, Charles, Riehen, and M. Matter, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Printing colors and process of printing. 2,225,384; Dec. 17.
Graenacher, Charles, Riehen, and J. Meyer, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Dehydrogenating heterocyclic bases. 2,226,057; Dec. 24.
Graf, Alois W. (See Ulrich, Raymond, M., assignor.)
Graf, Elmer J., Roselle Park, assignor to G. B. G. Corporation, Newark, N. J. Illuminated decorative unit. 2,197,040; Apr. 16.
Graf, Emil. (See Goldberg, G., and Graf.)
Graf, Vincent J., assignor to Briggs Manufacturing Company, Detroit, Mich. Making lavatories. 2,210,933; Aug. 13.
Graf, Walter, Berlin-Konradshohe, assignor to Rheinmetall-Borsig Aktiengesellschaft, Dusseldorf, Germany. Apparatus for maintaining a desired speed relation between two shafts. 2,219,838; Oct. 29.
Gräfe, Albert R. H. (See Kautter, C. T., and Gräfe.)
Graff, Frederick W., Sheboygan, Wis. Universal cutting machine. 2,195,108; Mar. 26.
Graff, John H., and C. H. Root, assignors to The Institute of Paper Chemistry, Appleton, Wis. Microscope. 2,208,882; July 23.
Graff, Theobald, assignor to Emil Busch Aktien-Gesellschaft, Optische-Industrie, Rathenow, Germany. Ophthalmoscope. 2,195,169; Mar. 26.
Graffunder, Walter, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ultra short wave tube circuit. 2,192,306; Mar. 5.
Grafton, Albert K. (See Smith, G. R., and Grafton.)
Gragg, Ralph M., Portales, N. Mex., assignor to K. D. Leftwich, Lubbock County, Tex. Vacuum pump for liquid fuels. 2,192,681; Mar. 5.
Graham, Carl H., Houston, Tex. Road roller. 2,221,764; Nov. 19.
Graham, Charles D., assignor to General Motors Corporation, Dayton, Ohio. Switch for refrigerating apparatus. 2,201,769; May 21.
Graham, Donald P., assignor to E. I. du Pont De Nemours & Company, Wilmington, Del. Vat dyestuffs of the benzanthrone-anthraquinone-acridine series. 2,188,538; Jan. 30.
Graham, Donald P., Wilmington, Del., and C. G. Frey, West Chester Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Di-benzanthrone-anthraquinone-di-acridines. 2,188,537; Jan. 30.
Graham, Douglas H., and G. Tabberer, Coventry, and B. E. G. Forsling, Rugby, England, assignors to General Electric Company. Starting apparatus for internal combustion engines. 2,206,723; July 2.
Graham, Edward S., Jr., Pasadena, Calif., assignor to Talon, Inc. Garment. 2,198,577; Apr. 23.
Graham, Esther, Dallas, Tex. Note paper holder. 2,223,250; Nov. 26.
Graham, Eugene, Jr. (See Burt, C. E., and Graham.)
Graham, Frank A. (See Fleming, G. W., and Graham.)
Graham, Frank B., Kansas City, Mo. Breeding capsule. 2,219,181; Oct. 22.
Graham, Floyd E., Akron, Ohio. Dispensing device. 2,198,383; Apr. 23.
Graham, Fred. (See Trout, W. C., and Graham.)
Graham, Frederic L., New York, N. Y. Mathematical instrument. 2,216,172; Oct. 1.
Graham, Frederick O., Longview, Wash. Briquette machine. 2,194,593; Mar. 26.
Graham, George E. G. (See Dovaston, G., and Graham.)
Graham, George M., Detroit, and A. E. Price, assignors to Hinckley-Myers Company, Jackson, Mich. Wheel measuring device. 2,197,468; Apr. 16.
Graham, Harold J., Boston, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,189,603; Feb. 6.
Graham, Harold J., Boston, assignor, by mesne assignments, to Signaling Systems Incorporated, Winthrop, Mass. Signaling system. 2,223,868; Dec. 3.
Graham, James B., Mount Lebanon, and R. G. Mayer, Wilkinsburg, Pa., assignors to National Tube Company. Stabbing guide. 2,206,184; July 2.
Graham, James B., Mount Lebanon, and R. G. Mayer, Wilkinsburg, Pa., assignors to National Tube Company. Apparatus for guiding and stabbing successive sections of oil or gas well casing. 2,206,185; July 2.
Graham, James E., Needham, and E. M. Lines, Dedham, assignors to Bird & Son, Inc., East Walpole, Mass. Floor covering. 2,202,488; May 28.
Graham, James E., Needham, and E. M. Lines, Dedham, assignors to Bird & Son, Inc., East Walpole, Mass. Sound-deadening material. 2,217,165; Oct. 8.
Graham, John J. (See Gilliland, V. H., and Graham.)
Graham, Matthew P. (See Hufferd, G. H., and Graham.)
Graham, Matthew P., assignor to Crawford Door Company, Detroit, Mich. Lock and closing unit for upward acting doors. 2,224,675; Dec. 10.
Graham, Maurice H., Minneapolis, Minn. Food processing vessel. 2,194,117; Mar. 19.
Graham, Maurice H., Minneapolis, Minn. Food processing vessel. 2,194,118; Mar. 19.
Graham, Oliver B. (See White, C., and Graham.)
Graham-Paige Motors Corporation. (See Kishline, F. F., and Sanger, assignors.)
Graham, Philip J., Worcester, Mass., assignor to Delamere Company, Inc., Jersey City, N. J. Hair curler. 2,203,050; June 4.
Graham, Quentin, Oakmont, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Induction-motor braking. 2,205,252; June 18.
Graham, Robert M., Justice, Ill., assignor to Corn Products Refining Company, New York, N. Y. Continuous oiler for centrifugal separators. 2,194,304; Mar. 19.

Graham-White Sander Corporation. (See Parrish, Dudley T., assignor.
Graham-White Sander Corporation. (See Riccio, S., and Johnson, assignors.)
Graham, William A., assignor of thirty-nine per cent to F. S. Henshaw and ten per cent to B. Patterson, Houston, Tex. Toasting machine. Re. 21,336; Jan. 30.
Graham, William S., Canton, Ill., assignor to International Harvester Company. Ground working implement. 2,194,202; Mar. 19.
Graham, William S., Canton, Ill., assignor to International Harvester Company. Tractor attached implement. 2,217,900; Oct. 15.
Graham, William S., and F. E. Hand, Canton, Ill., assignors to International Harvester Company. Basin planting attachment. 2,197,429; Apr. 16.
Graham, William S., and F. E. Hand, Canton, Ill., assignors to International Harvester Company. Beet puller. 2,221,765; Nov. 19.
Grahman, Frederick P., Port Orange, Fla. Internal combustion engine. 2,188,630; Jan. 30.
Grainger, Hampton, Detroit, Mich. Self-serve and check by key lock. 2,220,786; Nov. 5.
Gram, Thomas, and N. Testrup, assignors to Techno-Chemical Laboratories Limited, London, England. Drying of peat and the like. 2,192,831; Mar. 5.
Gramann, Heinrich F. M. (See Huenlich, C., and Gramann.)
Gramann, Heinrich F. M., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,223,414; Dec. 3.
Gramelspacher, Clarence U., Jasper, Ind. Waterproof wooden receptacle. Re. 21,524; Aug. 6.
Gramelspacher, Clarence U., Jasper, Ind. Rubber coated plywood for road material. 2,199,700; May 7.
Granat, Elie, assignor of one-half to Compagnie des Forges et Acieries de la Marine et d' Homecourt, Paris, France. Electric variable pitch log. 2,201,896; May 21.
Granatstein, Nathan. (See Jacobson, J., and Granatstein.)
Granberg, Albert J., Berkeley, Calif., assignor to Granberg Equipment Incorporated, Oakland, Calif. Rotary pump. 2,211,417; Aug. 13.
Granberg, Bengt R., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Control mechanism. 2,203,297; June 4.
Granberg, Bengt R., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Machine tool. 2,203,298; June 4.
Granberg, Bengt R., and A. G. Ericson, assignors to Sundstrand Machine Tool Co., Rockford, Ill. Machine tool. 2,206,886; July 9.
Granberg Equipment Incorporated. (See Granberg, Albert J., assignor.)
Granberg Meter Corporation. (See Siebecker, W. P., and Saarinen, assignors.)
Grandinetti, Dominic, Elberon, N. J. Liner. 2,188,111; Jan. 23.
Grandone, Guiseppe, New York, N. Y. Safety clothes and wash line. 2,185,845; Jan. 2.
Grand Rapids Blow Pipe & Dust Arrester Co. (See Lauer, Oscar G., assignor.)
Grand Rapids Brass Company. (See Lickteig, Albert F., assignor.)
Grand Rapids Brass Company. (See Roedding, Gordon E., assignor.)
Grand Rapids Fibre Cord Company. (See Sackner, W. E., and Millett, assignors.)
Grand Rapids Store Equipment Company. (See Carter, Thomas A., Jr., assignor.)
Grand Rapids Store Equipment Company. (See Vanderveld, Anthony, assignor.)
Grand Rapids Store Equipment Company. (See Vanderveld, Charles F., assignor.)
Grand Rapids Store Equipment Co. (See Welch, Kenneth C., assignor.)
Grand Rapids Store Equipment Company. (See Williams, P. G., and Welch, assignors.)
Granell, George P., Toronto, Ontario, Canada. Grinding machine for plastic flooring. 2,200,921; May 14.
Granett, Philip, New Brunswick, N. J., assignor to National Carbon Company, Inc. Insect repellent. 2,213,156; Aug. 27.
Granfield, John C., Pittsfield, Mass., assignor to General Electric Company. Core winding arrangement. 2,219,182; Oct. 22.
Grange, Edward R., et al. (See Delamere, Rudolf D., assignor.)
Granger, Louis, Fils, Paris, France. Device for protection against poison gases. 2,195,563; Apr. 2.
Granite City Steel Company. (See Randolph, Nathaniel B., assignor.)
Granite City Steel Company. (See Veeder, Nicholas P., assignor.)
Grannan, William D., and W. J. Kelly, Flint, Mich., assignors to Borg-Warner Corporation, Chicago, Ill. Air valve vacuum control. 2,223,821; Dec. 3.
Granqvist, Carl-Erik, Stockholm, Sweden, assignor to Hazeltine Corporation. Frequency stabilizing arrangement. 2,201,770; May 21.
Granstedt, Karl E., assignor to Aktiebolaget Formator, Stockholm, Sweden. Method and mechanism for wrapping cigars. 2,204,132; June 11.
Granstrom, Sigfrid, North Bend, Oreg. Chimney. 2,219,281; Oct. 1.
Grant, Arthur C., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heating apparatus. 2,191,141; Feb. 20.
Grant, Arthur C., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,226,510; Dec. 24.
Grant, Arthur C., St. Paul, Minn., and C. W. Nessell, Dayton, Ohio, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,223,283; Nov. 26.
Grant, Carroll B., Dallas, Tex. Slatted awning. 2,205,721; June 25.
Grant, Charles. H., et al. (See Lawler, Frank P., assignor.)
Grant, Garnet P., Jr., Plandome, N. Y., assignor to Grant Photo Corporation. Apparatus for producing photographs. 2,196,586; Apr. 9.
Grant, Garnet P., Jr., Plandome, assignor to Grant Photo Corporation, New York, N. Y. Holder for composite photographs. 2,208,001; July 16.
Grant, Harry C., Jr., New York, N. Y. Sound recording and reproducing apparatus. 2,201,614; May 21.
Grant, Harry C., Jr., New York, N. Y., assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Aircraft flotation gear. 2,194,442; Mar. 19.
Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Dispensing device. 2,203,626; June 4.
Grant, James L. (See Balch, R. H., Campbell, and Grant.)
Grant, John. (See Santiago, James J., assignor.)
Grant, Jordan W., Portsmouth, Va. Nozzle. 2,190,561; Feb. 13.
Grant, Jesse, assignor to Corning Glass Works, Corning, N. Y. Glass cooling apparatus. 2,202,100; May 28.
Grant, Jesse R., assignor of one-eighth to Self-Locking Carton Co., Chicago, Ill. Egg case flat and filler assembly. 2,216,193; Oct. 1.
Grant Photo Corporation. (See Grant, Garnet P., Jr., assignor.)
Grant, Rudolph R., assignor of one-fourth to M. Isaacson, Dayton, Ohio, and one-fourth to S. Shappirio, Washington, D. C. Resins, gums, and balsams. 2,202,849; June 4.
Grant, Stewart. (See Brown, H. E., and Grant.)
Grant, William F., Cleveland, Ohio, assignor to Philip Kaplan, Teaneck, N. J. Container. 2,223,343; Dec. 3.
Grantham, Frederick W., Winnetka, assignor of one-half to A. S. Holway, Wilmette, Ill. Ash tray. 2,210,207; Aug. 6.
Grantz, Siegfried. (See Lindner, W., and Grantz.)
Grantz, Siegfried, and W. Lindner, assignors to Maschinenfabrik Augsburg-Nurnberg, A. G., Augsburg, Germany. Internal combustion engine. 2,216,491; Oct. 1.
Granville, Harry, Jr. (See Iacobelli, F., and Cassella, assignors.)
Granville, Harry, Sr., assignor of forty one-hundredths to T. C. Cary and twenty one-hundredths to R. J. Bourke, Scranton, Pa. Carbon saver. 2,207,664; July 9.
Grapp, George L., Seattle, Wash. Closure for bottles. 2,200,600; May 14.
Grapp, Herbert L., Minneapolis, Minn. Indirect air heater. 2,200,549; May 14.
Grapp, Herbert L., Minneapolis, Minn. Oven panel. 2,209,816; July 30.
Graser, F. A., et al. (See Brown, Lawrence L., assignor.)
Graser, Fred H. (See Uecker, R. A., Rambo, Beatty, and Graser.)
Grasshoff, Eberhard. (See Otto, C., and Grasshoff.)
Grassmann, Edward C., Maplewood, assignor to Harry C. Schick, Inc., Newark, N. J. Necklace clasp. 2,222,410; Nov. 19.
Grasso, Nicholas Z., Hollis, N. Y. Emergency wheel. 2,220,518; Nov. 5.
Gratiot, Chester A., Portland, Oreg. Tweezer. 2,224,384; Dec. 10.
Graton & Knight Company. (See Chandler, Robert W., assignor.)
Grau, Herbert E., Vernon, assignor to Byron Jackson Co., Huntington Park, Calif. Pumping apparatus. 2,186,968; Jan. 16.
Grau, Herbert E., Vernon, assignor to Byron-Jackson Co., Huntington Park, Calif. Safety tool joint. 2,204,586; June 18.
Grau, Herbert E., Pasadena, and J. D. Chesnut, San Marino, assignors to Byron Jackson Co., Huntington Park, Calif. Drilling system. 2,187,969; Jan. 23.
Grau, Herbert E., and R. K. Hertel, Vernon, assignors to Byron Jackson Co., Huntington Park, Calif. Drilling hook. 2,203,139; June 4.
Grau, Herbert E., Pasadena, and G. F. Nicolson, Los Angeles, assignors to Byron-Jackson Co., Huntington Park, Calif. Rod elevator. 2,218,000; Oct. 15.
Grau, Max. (See Bauer, J., and Grau.)
Graumann, Erich, Premnitz, and G.-A. Schröter, Rathenow, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Artificial filament capable of being dyed with wool and chrome dyestuffs. 2,195,210; Mar. 26.
Grave, H. C. (See Young, Charles R., assignor.)
Grave, Hans F., Hanover, Germany, assignor to General Electric Company. Current responsive instrument. 2,213,086; Aug. 27.

Gravenor, James, and E. L. Armitage, Weydon Hill, Farnham, England. Lubricating system and pump for use therein. 2,196,916; Apr. 9.
Graves Company. (See Wheeler, Fred A., assignor.)
Graves, Earl R., Riverside, and C. S. Powell, and F. J. Kubalanza, Chicago, and W. H. Voigt, Maywood, Ill., assignors to International Harvester Company. Heat treating device. 2,197,430; Apr. 16.
Graves, Edward B., South Euclid, assignor to Picker X-Ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio. X-ray apparatus. 2,203,279; June 4.
Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Phenol carboxylic acid amide-formaldehyde resins. 2,190,829; Feb. 20.
Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing delustered synthetic fibers and the like. 2,205,722; June 25.
Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Tanning. 2,205,882; June 25.
Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Tanning. 2,205,883; June 25.
Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Spinnerette. 2,211,946; Aug. 20.
Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic polymers and shaped articles therefrom. 2,212,772; Aug. 27.
Graves, Rebecca, Spokane, Wash. Bathtub appliance. 2,222,070; Nov. 19.
Graves, Samuel A., Jr., Worcester, Mass. Game apparatus. 2,215,696; Sept. 24.
Graves, Thomas A., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Venetian blind slat. 2,187,121; Jan. 16.
Graviner Manufacturing Company Limited. (See Mathisen, Anders, assignor.)
Gravley, Charles K., assignor to The Brush Development Company, Cleveland, Ohio. Piezoelectric apparatus. 2,207,539; July 9.
Gray, Alanson M., Jr., Elizabeth, and J. S. Parkinson, Somerville, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Vibration isolator. 2,216,814; Oct. 8.
Gray, Albert C., Jackson Heights, N. Y. Ice shaving machine. 2,191,756; Feb. 27.
Gray, Alvin N., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Insulated conductor and making the same. 2,189,395; Feb. 6.
Gray, Arthur W., Pueblo, Colo. Stop and turn signal. 2,215,921; Sept. 24.
Gray, Benjamin F., Jr., Norfolk, Va. Shears. 2,189,791; Feb. 13.
Gray, C. E. (See Turnbow, Grover D., assignor.)
Gray, Charles B., Millbourne, Pa. Metal shearing tool. 2,226,241; Dec. 24.
Gray, Charles B., Millbourne, Pa. Metal cutting apparatus. 2,227,081; Dec. 31.
Gray, Charles J., Pinner, assignor to Arthur Guinness Son & Company Limited, London, England. Hop picking machine. 2,222,767; Nov. 26.
Gray, Charles J., Pinner, assignor to Arthur Guinness Son & Company Limited, London, England. Hop picking machine. 2,226,813; Dec. 31.
Gray, Chester E., Oakland, and D. D. Peebles, Berkeley, Calif. Method of and apparatus for filling containers. 2,185,191; Jan. 2.
Gray, Clarence E., St. Petersburg, Fla. Match package. 2,212,773; Aug. 27.
Gray, Elmer E., Cliftondale, Mass. Separating and feeding mechanism for envelopes. 2,200,842; May 14.
Gray, Floyd E., assignor to A. A. Kucher, Dayton, Ohio. Making a joint. 2,205,008; June 18.
Gray, Frank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electro-optical system. 2,195,486; Apr. 2.
Gray, Frank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,197,041; Apr. 16.
Gray, Frank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,197,042; Apr. 16.
Gray, Frank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrostatic recording and reproducing. 2,200,741; May 14.
Gray, Frank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cathode ray sweep circuit. 2,209,199; July 23.
Gray, Frank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic switching device. 2,214,019; Sept. 10.
Gray, Frank L., Bridgeport, Conn. Traction applying device for splints. 2,198,995; Apr. 30.
Gray, G. A., Company, The. (See Doran, John E., assignor.)
Gray, G. A., Company, The. (See Walter, John M., assignor.)
Gray, George W., assignor, by mesne assignments, to Texaco Development Corporation, New York, N. Y. Treatment of hydrocarbon oils. 2,193,625; Mar. 12.
Gray, Harry Z., Lebanon, Ohio. Bottle carrier. 2,187,494; Jan. 16.
Gray, Harry Z., Lebanon, Ohio. Making bottle carriers. 2,191,197; Feb. 20.
Gray, Herbert E., and A. M. Erickson, assignors to Barron-Gray Packing Company, San Jose, Calif. Apparatus for preparing artichokes. 2,217,679; Oct. 15.
Gray, Herbert E., and A. M. Erickson, assignors to Barron-Gray Packing Company, San Jose, Calif. Process and apparatus for peeling freestone peaches. 2,218,466; Oct. 15.
Gray, John C., Washington, D. C. Telescope sight mounting. 2,202,000; May 28.
Gray, John E., assignor to Mueller Brass Co., Port Huron, Mich. Dehydrator. 2,199,258; Apr. 30.
Gray, John E., A. P. Devereaux, and W. M. Parker, assignors to Mueller Brass Co., Port Huron, Mich. Apparatus for making wrought metal tubes. 2,203,868; June 11.
Gray, Joseph H., St. Joseph, Mo. Expansion tire wheel. 2,227,220; Dec. 31.
Gray, Leonard C., Omak, Wash. Lifesaving device. 2,210,809; Aug. 6.
Gray, Lyndon P., Kansas City, Mo. Liquid treating apparatus. 2,206,089; July 2.
Gray Processes Corporation, The. (See Cooke, Horace B., assignor.)
Gray Processes Corporation, The. (See Mandelbaum, Malvin R., assignor.)
Gray, Raymond A., Rock, Kans. Sign. 2,215,550; Sept. 24.
Gray, Robert L., Brooklyn, N. Y. Windowed article and making the same. 2,198,246; Apr. 23.
Gray, Rollin L., assignor to The Illinois Lock Company, Chicago, Ill. Key-operated latch. 2,197,103; Apr. 16.
Gray, Samuel M. (See Millar, P. S., and Gray.)
Gray Tool Company. (See Roye, Richard T., assignor.)
Gray Tool Company. (See Yancey, John R., assignor.)
Gray, William. (See Hall, Floyd N., assignor.)
Gray, William W., Colorado Springs, Colo. Placer gold mining device. 2,204,489; June 11.
Graybill, Hershey R. (See Van Cleve, H., and Graybill.)
Graybill, Hershey R., Manheim, assignor to Animal Trap Company of America, Lititz, Pa. Animal trap. 2,188,297; Jan. 30.
Graybill, Hershey R., Manheim, assignor to Animal Trap Company of America, Lititz, Pa. Animal trap. 2,196,862; Apr. 9.
Grays Harbor Chair & Mfg. Company. (See Fisher, Louis D., assignor.)
Grayson, Harry, assignor to Baird Television Limited, London, England. Radio receiver. 2,195,301; Mar. 26.
Grayson Heat Control, Ltd. (See Grayson, John H., assignor.)
Grayson Heat Control, Ltd. (See Jackson, Wilbur F., assignor.)
Grayson Heat Control, Ltd. (See Jeffers, Thomas H., assignor.)
Grayson, John H., assignor to Grayson Heat Control, Ltd., Lynwood, Calif. Safety control for gas burning appliances. 2,201,398; May 21.
Greager, Oswald H. (See Foulke, W. B., and Greager.)
Great Northern Paper Company. (See Gardner, Delbert G., assignor.)
Great Western Cordage, Inc. (See Russell, F., and Wimpey, assignors.)
Greaves, Valentine F., Oakland, Calif. Combination container and ejector. 2,194,828; Mar. 26.
Greaves, Valentine F., Oakland, Calif. Steady rest for cameras. 2,199,662; May 7.
Greaves-Walker, Arthur M. (See Paddock, O. H., and Greaves-Walker.)
Grebe, Wallace E. (See Beckwith, L. B., Grebe, and Scott.)
Greco, Andy, and C. S. Jordan, Culver City, Calif., assignors to A. G. Jordan Manufacturing Company. Former for garments. 2,206,605; July 2.
Greed, William M., assignor of two-thirds to J. A. Weirich, Washington, Pa. Glass mold. 2,212,984; Aug. 27.
Greegor, Ralph H., and W. K. Page, assignors to The Kinnear Manufacturing Co., Columbus, Ohio. Air operated device. 2,221,216; Nov. 12.
Greek, C. Glenn. (See Smith, Silas R., assignor.)
Green, Arthur G., Walton-on-Thames, England. Method of and compositions for influencing the growth of plants. 2,222,225; Nov. 19.
Green, Arthur G., Walton-on-Thames, and Myer Coplans, Hendon, London, England. Alkali metal salts of the acetaldehyde bisulphite compound of sulphanilamide. 2,214,527; Sept. 10.
Green, Berry W., and H. L. Nalley, Easley, S. C. Loom attachment. 2,226,283; Dec. 24.
Green, Buford L., Charlotte, N. C., assignor to Semagraph Company, Dover, Del. Preparing a control record. Re. 21,505; July 9.
Green, Carl, assignor of one-half to T. J. Green, Eversole, Ky. Airplane propulsion means. 2,192,469; Mar. 5.
Green, Charles H., and R. E. McAdam, assignors to Eastman Kodak Company, Rochester, N. Y. Rapid processing machine. 2,186,637; Jan. 9.
Green, Charles W., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,187,200; Jan. 16.

Green, Charles W., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,209,773; July 30.
Green, Clarence J., assignor to Norton Company, Worcester, Mass. Machine tool. 2,222,563; Nov. 19.
Green, Clifford H., deceased, by automatic Instrument Co., Grand Rapids, Mich., assignee. Automatic phonograph. Re. 21,514; July 23.
Green Co. Inc., The. (See Smith, L. G., and Green, assignors.)
Green, Douglas H. (See Dell, C., and Read, assignors.)
Green, E., & Son, Limited. (See Parris, Cyril W., assignor.)
Green, Edith S., San Francisco, Calif. Protector for mixing bowls. 2,193,356; Mar. 12.
Green, Ernest. (See Clough, N. H., and Green.)
Green, Ernest. (See Davis, N. E., Green, and Hall.)
Green, Estill I., Short Hills, N. J., and N. Monk, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Measurement of phase change and envelope delay of a transmission line. 2,214,130; Sept. 10.
Green, Floyd S., St. Louis, assignor to F. Adam, St. Louis County, Mo. Circuit breaker. 2,222,312; Nov. 19.
Green, Francis K., Rahway, N. J., assignor to Research Corporation, New York, N. Y. Control for air conditioning apparatus. 2,202,763; May 28.
Green, Frank M., Andover, Ohio. Carton. 2,192,307; Mar. 5.
Green, George E., Plainview, Tex. Machine for slitting well casings and the like. 2,185,337; Jan. 2.
Green, George F., Toronto, Ontario, Canada. Book and index unit. 2,195,646; Apr. 2.
Green, Isaac H. C. (See Lawson, R. H., and Green.)
Green, Isaac H. C. (See Lawson, R. H., Cloutier, and Green.)
Green, Isaac H. C. (See Lawson, R. H., Green, and Langley.)
Green, Jack, assignor to The J. E. Mergott Company, Newark, N. J. Handbag frame. 2,227,390; Dec. 31.
Green, Jack I. (See Groo, E. R., and Green.)
Green, James F. (See Smith, L. G., and Green.)
Green, James H., West Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Constant current electrical system. 2,194,357; Mar. 19.
Green, James H., West Orange, aand H. K. Richardson, Bloomfield, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Wire drawing furnace. 2,197,524; Apr. 16.
Green, John T., assignor to General Motors Corporation, Detroit, Mich. Hog ring clinching tool. 2,205,690; June 25.
Green, Leslie H. (See Pyle, Leon N., assignor.)
Green, Louis F. (See Mitchell, Rudyard K., assignor.)
Green, Martin J., assignor of one-fourth to J. C. Suess, Chicago, Ill. Waste disposal unit. 2,200,061; May 7.
Green, Norval H., Wood-Ridge, N. J., assignor to Radio Corporation of America. Electrode assembly. 2,225,445; Dec. 17.
Green, Oby L., et al. (See Ragland, Elbert L., assignor.)
Green, Roscoe B., Peoria, and A. V. Pennington, East Peoria, Ill. Heat detector. 2,203,051; June 4.
Green, Samuel G., Gray, Ga. Machine gun structure. 2,186,969; Jan. 16.
Green, Samuel G., Gray, Ga. Gearing. 2,192,188; Mar. 5.
Green, Samuel G., Gray, Ga. Coupling for flexible shafting. 2,222,613; Nov. 26.
Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Multielement watthour meter. 2,199,991; May 7.
Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Pivot for watthour disks and the like. 2,203,411; June 4.
Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Watt-hour meter with gap centering adjustments. 2,206,887; July 9.
Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Adjustable damping assembly for watt-hour meters. 2,209,969; Aug. 6.
Green, Sven E., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Chucking machine and method. 2,190,208; Feb. 13.
Green, T. F., Jr. (See Gilliland, V. H., and Graham, assignors.)
Green, Thomas L., deceased, by J. W. Noel, executor, and C. H. Williams, Indianapolis, Ind.; said Williams assignor to said J. W. Noel, executor. Biscuit machinery. 2,212,860; Aug. 27.
Green, Tilmon J. (See Green, Carl, assignor.)
Green, Vernon L., Milwaukee, Wis. Truck bolster stabilizing means. 2,219,360; Oct. 29.
Green, Walter H. (See Koupal, R. J., and Green.)
Green, William D., assignor to Combined Metals Reduction Company, Bauer, Utah. Differential flotation of mixed sulphide ore. 2,205,194; June 18.
Green, William G., Tulsa, Okla. Seismic prospecting. 2,203,140; June 4.
Green, Willie D. T., Edinburgh, assignor to The United Wire Works, Limited, Granton, Edinburgh, Scotland. Manufacture of paper maker's wire cloth. Re. 21,360; Feb. 20.
Greenawalt, John E., Bronxville, N. Y. Furnace for burning fuel consisting of combustible and incombustible material. 2,191,712; Feb. 27.
Greenawalt, John E., New York, N. Y. Sintering. 2,191,911; Feb. 27.
Greenawalt, William E., Denver, Colo. Metallurgical process and apparatus. 2,194,454; Mar. 19.
Greenbaum, Bernard, New York, N. Y. Convertible crib and bed. 2,223,955; Dec. 3.
Greenbaum, Frederick R., assignor to The National Drug Company, Philadelphia, Pa. Isopropanolamine salts of theophylline and making them. 2,196,495; Apr. 9.
Greenbaum, Martin, Newark, N. J., assignor of one-third to W. Stevenson, Buffalo, N. Y., and one-third to C. Handler, Newark, N. J. Cigarette dispenser and lighter. 2,220,445; Nov. 5.
Greenberg, Arthur D., West Hartford, Conn. Changeable figure toy. 2,199,049; Apr. 30.
Greenberg, Charles B., New York, N. Y. Fastening device. 2,208,257; July 16.
Greenberg, Charles B., New York, N. Y. Watch crown. 2,208,419; July 16.
Greenberg, Elmer H., Philadelphia, Pa. Apparataus for treating metals. 2,214,611; Sept. 10.
Greenberg, Elmer H., Philadelphia, Pa. Chlorinating device and lining therefor. 2,214,612; Sept. 10.
Greenberg, Louis, Chicago, Ill. Health and body developing machine. 2,209,160; July 23.
Greenberg, Samuel, Chicago, Ill. Self-locking tank cap. 2,224,385; Dec. 10.
Greene, Daniel A., Flint, and J. M. Gaughey, assignors to Stubnitz-Greene Spring Corporation, Adrian, Mich. Spring and air cushion. 2,199,489; May 7.
Greene, Edgeworth, Upper Montclair, N. J., assignor to Inter-Seal Corporation, New York, N. Y. Bottle closure. 2,187,619; Jan. 16.
Greene, Grover C., assignor of one-half to P. N. De Vere, Marion, Mich. Eyeglass temple connection. 2,191,252; Feb. 20.
Greene, Harold, Williams, Ariz. Wire recoater. 2,213,670; Sept. 3.
Greene, Harry M., Altoona, Pa. Emergency braking device. 2,224,785; Dec. 10.
Greene, Haskell M., Whittier, Calif. Perforating well casings. 2,201,290; May 21.
Greene, Irving H., New York, N. Y. Flowerpot saucer. 2,206,694; July 2.
Greene, James G., and M. R. Hull, Connersville, Ind., assignors, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Trailer. 2,216,553; Oct. 1.
Greene, John M., Waukesha, Wis. Bottle hanger. 2,216,366; Oct. 1.
Greene, Joseph F., assignor to Kimble Glass Company, Vineland, N. J. Apparatus for forming thermometer scales. 2,220,096; Nov. 5.
Greene, Otto W., Elyria, Ohio, assignor to The Pfaudler Co., Rochester, N. Y. Refrigerating apparatus and method. 2,210,031; Aug. 6.
Greenerd Arbor Press Company. (See Doherty, Henry A., assignor.)
Greenewalt, Crawford H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Process and apparatus for separating gases. 2,214,790; Sept. 17.
Greenewalt, Crawford H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus. 2,217,743; Oct. 15.
Greenfield Tap and Die Corporation. (See Ashley, Robert L., assignor.)
Greenfield Tap and Die Corporation. (See Stimson, Glen H., assignor.)
Greenhalgh, Richard, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Preparation of aliphatic acid nitriles. 2,206,351; July 2.
Greenhill, Harold, Chicago, Ill. Cup holder and dispenser. 2,203,494; June 4.
Greenidge, Charles T., Columbus, Ohio, assignor, by mesne assignments, to E. R. and J. L. C. Williams, as joint tenants with right of survivorship. Continuous metal casting. 2,206,888; July 9.
Greening, Clarence E., Houston, assignor of one-half to A. Bailey, Harris County, Tex. Tank packing. 2,191,142; Feb. 20.
Greenleaf, John W., Hamden, Conn., assignor to Rockbestos Products Corporation. Reinforced asbestos sliver. 2,217,049; Oct. 8.
Greenlee Bros. & Co. (See Abramson, J. H., and Swanson, assignors.)
Greenlee Bros. & Co. (See Alverson, Albert E., assignor.)
Greenlee, Eli M., Newport, Ky., and J. S. Knittel, Hartwell, Ohio. Centrifugal pump. 2,203,958; June 11.
Greenlee, Theodore K., assignor to Barber-Colman Company, Rockford, Ill. Control for conditioning systems. 2,218,529; Oct. 22.
Greenlund, Arthur H., et al. (See Laursen, Thorvald K., assignor.)
Greenman, Allen, Bay City, Mich. Electrical cooking device. 2,205,884; June 25.
Greenpoint Metallic Bed Company. (See Raduns, Solomon, assignor.)
Greensfelder, Bernard S., Martinez, and R. N. Shiras, Long Beach, assignors to Shell Development Company, San Francisco, Calif. Manufacture of motor fuel. 2,204,215; June 11.
Greensfelder, Bernard S., and L. R. Goldsmith, assignors to Shell Development Company, San Francisco, Calif. Recovery of liquids. 2,214,368; Sept. 10.

Greensfelder, Edward, et al, cotrustee. (See Johnston, Harry.)
Greensfelder, Edward, co-trustee. (See Rubinstein, Wilton, assignor.)
Greenspan, Lawrence, assignor to Louis Weisberg, Inc., New York, N. Y. Electrodeposition of copper. 2,195,454; Apr. 2.
Greenspoon, Reuben, Los Angeles, Calif. Orthoptic training. 2,213,467; Sept. 3.
Greenstein, William, New York, N. Y. Multitube pipe. 2,220,761; Nov. 5.
Greenstreet, Oliver P., San Diego, and T. C. Hall, La Mesa, Calif. Method and solution for preventing freezing of plants. 2,185,663; Jan. 2.
Greenup, Harold W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Cellular rubber and making the same. 2,217,606; Oct. 8.
Greenview Manufacturing Company. (See Siemund, Herman, assignor.)
Greenwald, Willard F., New York, assignor to General Electric Company, Schenectady, N. Y. Identifying mark. 2,198,162; Apr. 23.
Greenwood & Batley Limited. (See Maclagan, John C. M., assignor.)
Greenwood, George C., Lorain, Ohio, assignor to National Tube Company. Chamfering tool. 2,218,147; Oct. 15.
Greenwood, George W., Wilmington, Del., assignor to Stephen F. Whitman & Son, Inc., Philadelphia, Pa. Package. 2,227,341; Dec. 31.
Greenwood, Henry B., assignor to F. X. Hooper Company, Inc., Glen Arm, Md. Printer slotter. 2,191,988; Feb. 27.
Greer, Agnes F. R., Morgantown, W. Va. Method and apparatus for recoiling metal coils. 2,191,463; Feb. 27.
Greer, Agnes J. R. (See Nyberg, Stone, assignor.)
Greer, Agnes J. R. (See Nyberg, S., and Cappel, assignors.)
Greer, Agnes J. R. (See Shoemaker, Robert W., assignor.)
Greer, Agnes J. R., Morgantown, W. Va. Method and apparatus for pickling metal coils. 2,196,210; Apr. 9.
Greer, Agnes J. R, Morganson, W. Va. Transfer arm. 2,220,097; Nov. 5.
Greer, Edward. (See Garland, M., and Greer.)
Greer, Edward R. (See Bemis, M. H., Greer, and Morrison.)
Greer, Edward R., Minneapolis, Minn. Trailer hitch. 2,187,970; Jan. 23.
Greer, Lanier, Lawrence Park, P., assignor to General Electric Company. Vehicle drive system. 2,187,781: Jan. 23.
Gregg, David, Caldwell, assignor to Eclipse Aviation Corporation, East Orange, N. J. Pressure regulator. 2,194,749; Mar. 26.
Gregg, David, Caldwell, and R. Daalder, Paterson, N. J., assignors to Bendix Aviation Corporation, South Bend, Ind. Internal combustion engine control. 2,205,354; June 18.
Gregg, Harold E., Sebastopol, Calif. Toothbrush handle. 2,226,814; Dec. 31.
Gregg, Marjorie T., Tamworth, N. H. Toy. 2,206,950; July 9.
Gregoire, Jean A., Paris, France. Motor vehicle and its manufacture. 2,192,075; Feb. 27.
Gregory, Alfred T., assignor to Ranger Engineering Corporation, Farmingdale, N. Y. Variable speed supercharger drive. 2,187,737; Jan. 23.
Gregory, Alva E., Nashville, Tenn. Bottle cooling rack. 2,190,474; Feb. 13.
Gregory, Eli E., Stirling, N. J. Gun sight. 2,207,857; July 16.
Gregory, Eli E., Stirling, N. J., and H. E. Comings, Manhasset, N. Y.; said Comings assignor to said Gregory. Electromotor. Re. 21,579; Sept. 24.
Gregory, Hubert E., and R. Turner, Leeds, England, and A. A. Henkel and H. Thürlings, Viersen, Rhineland, Germany; said Gregory and said Turner assignors to The Forgrove Machinery Company Limited, Leeds, England. Molding and wrapping apparatus. 2,188,837; Jan. 30.
Gregory, James, and L. A. Babcock, assignors to Oakes & Burger Co., Cattaraugus, N. Y. Milk cooler. 2,213,671; Sept. 3.
Gregory, Jesse H. (See Davis, C. C., and Gregory.)
Gregory, Jesse H. (See Drill, D. C., Whitenack, and Gregory.)
Gregory, Kenneth, Watsonville, assignor to California Spray-Chemical Corporation, Richmond, Calif. Protection of vegetation. 2,214,326; Sept. 10.
Gregory, Lon S., Tulsa, Okla., assignor to Phillips Petroleum Company. Apparatus for the treatment of hydrocarbons. 2,197,799; Apr. 23.
Gregory, Victor, Martins Ferry, Ohio. Gauge. 2,216,615; Oct. 1.
Greicius, Peter P., Chicago, Ill. Book support and line indicator. 2,195,777; Apr. 2.
Greider, Harold W. (See Marc, H., and Greider.)
Greider, Harold W. (See Moeller, W. J., Greider, and Smith.)
Greider, James B., Racine, Wis. Footwear. 2,198,338; Apr. 23.
Greif, Alfred S., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Two-direction movement regulator. 2,194,700; Mar. 26.
Greif Bros. Cooperage Corporation, The. (See Schmidtke, Albert H., assignor.)
Greif, Edward J., assignor to Borg-Warner Corporation, Chicago, Ill. Apparatus for forming metal parts. 2,225,988; Dec. 24.
Greig, Ethel M., executrix. (See Greig, John W.)
Greig, James W., Grosse Pointe Park, assignor to Hudson Motor Car Company, Detroit, Mich. Adjustable seat. 2,189,396; Feb. 6.
Greig, James W., Grosse Pointe Park, assignor to Hudson Motor Car Company, Detroit, Mich. Battery housing. 2,196,578; Apr. 9.
Greig, John W., deceased, Dayton, Ohio; E. M. Greig executrix. Aerial navigation system. 2,226,860; Dec. 31.
Greig, Paul, Hempstead, Tex. Canister. 2,207,120; July 9.
Greiner, Alfred, Cleveland Heights, Ohio, assignor to General Electric Company. Electric lamp or similar device and manufacture. 2,191,346; Feb. 20.
Greiner, Anton F., Detroit, Mich. Universal joint. 2,207,980; July 16.
Greiner, Anton F., Detroit, Mich. Universal joint. 2,207,981; July 16.
Greiner, Carl F., assignor to The Buffalo-Springfield Roller Co., Springfield, Ohio. Asphalt trimmer. 2,191,958; Feb. 27.
Greiner, Clement F., London, England, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Valve for bottle filling machines. 2,186,526; Jan. 9.
Greiner, Frank, Detroit, Mich., C. L. Ott and R. E. Price, assignors to Landis Tool Company, Waynesboro, Pa. Grinding wheel dresser. 2,192,308; Mar. 5.
Greiner, Walter A. (See Smith, Albert A., assignor.)
Greis, Henry N. (See McElwaine, Clayton B., assignor.)
Greis, Theodor, Cologne-Dellbruck, Germany. Roof covering. 2,188,147; Jan. 23.
Greiser, Melvin R., Cincinnati, assignor to Carthage Mills Incorporated, Carthage, Ohio. Method and apparatus for treating printed rugs. 2,225,497; Dec. 17.
Greist Manufacturing Company, The. (See Hinman, George L., assignor.)
Grembecki, Elmer C., assignor to Roberts & Porter, Inc., Chicago, Ill. Dampener for printing presses. 2,196,412; Apr. 9.
Gremp, Henry E. (See Treiber, Theodore R., assignor.)
Grendanin, Anthony. (See Huerta, R., and Grendanin.)
Greneker, Lillian L., New York, N. Y. Display form. 2,215,500. Sept. 24.
Grennon, Eugene G., Wyandotte, Mich. Checking and measuring device. 2,185,808; Jan. 2.
Gresham, William F. (See Loder, D. J., Gresham, and Killian.)
Gress, Clem L., Marshall, Mo. Direction signal. 2,220,646; Nov. 4.
Gretener, Edgar. (See Falta, W., Gretener, Neugebauer, and Staude.)
Gretener, Edgar, Berlin-Siemensstadt, Germany, assignor, by mesne assignments, to Kislyn Corporation, New York, N. Y. Arrangement for avoiding colored fringes when taking images on lenticulated films. 2,201,487; May 21.
Greterman, Lambert L., Santa Monica, Calif. Screw driver. 2,205,167; June 18.
Greterman, Lambert L., Santa Monica, Calif. Braking mechanism. 2,210,757; Aug. 6.
Greterman, Lambert L., Santa Monica, Calif., assignor of fifty-one percent to R. A. Gaudy. Razor. 2,194,387; Mar. 19.
Greth, Arthur, and J. Reese, Wiesbaden, Germany, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Conversion products of rubber. 2,200,715; May 14.
Greth, Artur, and F. Lemmer, Weisbaden, Germany, assignors to The Resinous Products & Chemical Company, Philedalphia, Pa. Producing fatty acids and resinous materials from fatty glycerides. 2,217,363; Oct. 8.
Greth, August S., Santa Cruz, Calif. Investment ring. 2,193,357; Mar. 12.
Grether, Ernest F., and R. B. Du Vall, assignors to The Dow Chemical Company, Midland, Mich. Carbonates of hydroxybenzoic acid esters. 2,189,205; Feb. 6.
Grether, Ernest F., and R. B. Du Vall, assignors to The Dow Chemical Company, Midland, Mich. Ether esters of para hydroxy benzoic acid. 2,198,582; Apr. 23.
Grether, Ernest F., and R. B. Du Vall, assignors to The Dow Chemical Company, Midland, Mich. Ether esters of nuclear substituted salicylic acids. 2,198,583; Apr. 23.
Gretsch, Fred, Jr., Forest Hills, N. Y. Bridge for string instruments. 2,190,475; Feb. 13.
Grettie, Donald P., Chicago, Ill. Gelatin. 2,196,300; Apr. 9.
Grettie, Donald P., assignor to Industrial Patents Corporation, Chicago, Ill. Stabilization of shortening. 2,201,692; May 21.
Gretz, George J., Glenshaw, Pa. Carburetor. 2,224,152; Dec. 10.
Greulich, Gerald G., Mount Lebanon, Pa. Bearing pile construction. 2,187,313; Jan. 16.
Greulich, Gerald G., Mount Lebanon, Pa. Bearing pile splice clamp. 2,187,314; Jan. 16.
Greulich, Gerald G., Mount Lebanon, Pa. Bearing pile construction. 2,187,315; Jan. 16.

Greulich, Gerald G., Mount Lebanon, Pa. Bearing pile construction. 2,187,316; Jan. 16.
Greulich, Gerald G., Mount Lebanon, Pa. Bearing pile construction. 2,187,317; Jan. 16.
Greulich, Gerald G., Mount Lebanon, Pa. Concrete bearing pile. 2,187,318; Jan. 16.
Greulich, Gerald G., Mount Lebanon, Pa. Bearing pile construction. 2,187,319; Jan. 16.
Greulich, Gerald G., Mount Lebanon, Pa. Safety band guardrail for highways. 2,189,792; Feb. 13.
Greulich, Gerald G., Mount Lebanon, Pa. Splice for steel bearing piles. 2,211,375; Aug. 13.
Greune, Heinrich, and M. Thiele, Frankfort-on-the-Main-Hochst, and G. Langbein, Hofheim in Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuff-sulphonic acids of the dioxazine series. 2,187,853; Jan. 23.
Greve, Edgar E., Dallas, Tex. Pump valve. 2,226,972; Dec. 31.
Greve, Friedrich H., La Salle, Ill. Pocketknife. 2,199,430; May 7.
Greve, Louis W., Cleveland, Ohio. Making skates. 2,209,490; July 30.
Greve, Louis W., assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Shock absorber. 2,196,068; Apr. 2.
Grewe, Edward H., et al. (See Rich, David, assignor.)
Grey, Ralph E., Osborn, Ohio. Rotary fluid motor and the like. 2,220,095; Nov. 5.
Gribbin, William J., Silver Spring, Md. Automatic oiling mechanism. 2,214,528; Sept. 10.
Grid Flat Slab Corporation. (See Allbright, Edwin F., assignor.)
Gridiron Steel Company, The. (See Fay, Horace B., assignor.)
Griemsmann, Henry E. (See Sayles, T. C., and Griemsmann.)
Griepenstroh, Arthur W., assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Shock absorber. 2,224,676; Dec. 10.
Grier, Herbert E. (See Fogler, B. B., and Grier.)
Grier, Homer H., New Holland, Ga. Slasher. 2,216,006; Sept. 24.
Grier, Virginia H., Pleasantville, N. J. Blood test tube. 2,204,547; June 18.
Griesedieck, Carl A., St. Louis, Mo. Emergency cut-out for automobile ignition circuits. 2,192,262; Mar. 5.
Griesedieck, Henry C., Richmond Heights, assignor to American Pulverizer Company, St. Louis, Mo. Crushing machine. 2,205,850; June 25.
Griesel, Heinrich, Berlin, Germany. Reinforced-concrete structure. 2,189,108; Feb. 6.
Grieshaber, Fritz. (See Wenk, H., and Grieshaber.)
Griesinger, William K., Lansdowne, assignor to The Atlantic Refining Company, Philadelphia, Pa. Preventing rusting of ferrous metal surfaces. 2,186,018; Jan. 9.
Griesinger, William K., Lansdowne, assignor to The Atlantic Refining Company, Philadelphia, Pa. Insecticide. 2,212,519; Aug. 27.
Griessbach, Robert. (See Wassenegger, H., and Griessbach.)
Griessbach, Robert, Wolfen, Kreis Bitterfeld, E. Meier, Bitterfeld, and H. Wassenegger, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Amine resins. 2,223,930; Dec. 3.
Grieten, Frederick M., Miami, Fla. Fishing reel mechanism. 2,220,519; Nov. 5.
Grieve, George T. W., Woolwich, London, assignor to Henley Extrusion Machine Company Limited, London, England. Metal extrusion machine. 2,204,961; June 18.
Griff, Robert D. (See Tuft, M. H., and Griff.)
Griffin, Dana A., Irvington, N. J., assignor to A. N. Mann, Scarsdale, N. Y. Radio and telegraph receiver. 2,186,291; Jan. 9.
Griffin, Dan C., Jackson, Miss., assignor to Cen-Tennial Cotton Gin Company, Columbus, Ga. Cotton gin and cleaner. 2,204,803; June 18.
Griffin, Eustace C. (See Sosnik, N. Y., and Griffin.)
Griffin, Francis D., assignor to United Steel & Wire Company, Battle Creek, Mich. Display rack. 2,190,065; Feb. 13.
Griffin, George G., Indianapolis, Ind. Apparatus for electrically roasting coffee berries. 2,189,206; Feb. 6.
Griffin, Herbert, Jersey City, N. J., assignor to International Projector Corporation, New York, N. Y. Motion picture apparatus. 2,187,803; Jan. 23.
Griffin, Herbert, Jersey City, N. J., assignor to International Projector Corporation, New York, N. Y. Power drive clutch. 2,214,901; Sept. 17.
Griffin, Herbert, Jersey City, N. J., and A. Kindelmann, Floral Park, assignors to the International Projector Corporation, New York, N. Y. Motion picture apparatus. 2,192,641; Mar. 5.
Griffin, Ira L., Charlotte, N. C. Treating yarn. 2,185,747; Jan. 2.
Griffin, James H., St. Helens, assignor to Pilkington Brothers Limited, Liverpool, England. Method and apparatus for polishing traveling flat glass. 2,197,104; Apr. 16.
Griffith, John C., and W. O. Winston, Dallas, Tex. Elevating grader attachment for crawler type tractors. 2,199,239; Apr. 30.
Griffin Manufacturing Company. (See Aste, Anthony L., assignor.)
Griffin, Michael G., Cincinnati, assignor to The Tenacity Manufacturing Company, Lockland, Ohio. Loose-leaf binder. 2,218,105; Oct. 15.
Griffin, Nicholas E., South Pasadena, Calif. Window construction. 2,199,562; May 7.
Griffin, Pauline T., Kinston, N. C. Evacuant receptacle. Re. 21,644; Dec. 3.
Griffin, Roger L., Marblehead, and N. Y. Moore, Danvers, assignors to A. C. Lawrence Leather Company, Peabody, Mass. Tack pulling machine. 2,206,253; July 2.
Griffin, Sheldon, et al. (See Schatz, Frederick M., assignor.)
Griffin, Thomas S. P., Woods Hole, Mass. Ash tray and insert therefor. 2,208,072; July 16.
Griffins, Morris E., Western Springs, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Signaling system. 2,211,111; Aug. 13.
Griffins, Morris E., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telegraph switching system. 2,211,927; Aug. 20.
Griffith, Carroll L., assignor to The Griffith Laboratories Inc., Chicago, Ill. Apparatus for canning meat. 2,224,908; Dec. 17.
Griffith, Carroll L., and L. A. Hall, assignors to The Griffith Laboratories, Inc., Chicago, Ill. Sterilization process. 2,189,947; Feb. 13.
Griffith, Carroll L., and L. A. Hall, assignors to The Griffith Laboratories, Inc., Chicago, Ill. Sterilization of pancreatin. 2,189,948; Feb. 13.
Griffith, Carroll L., and L. A. Hall, assignors to The Griffith Laboratories, Inc., Chicago, Ill. Sterilizing colloid materials. 2,189,949; Feb. 13.
Griffith, Charles H., Parsons, Kans. Air intake device for passenger vehicles. 2,209,817; July 30.
Griffith, Clement P. (See Grosvenor, B. W., and Griffith.)
Griffith, Clement P., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Pumping and separating mechanism. 2,213,857; Sept. 3.
Griffith, Earl G., Los Angeles, Calif. Fruit washing apparatus. 2,221,676; Nov. 12.
Griffith, Earl W., Dalhart, Tex. Inflation signaling device. 2,190,117; Feb. 13.
Griffith, Francis, Glen Rock, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Discharge deflector for belt conveyer systems. 2,213,392; Sept. 3.
Griffith-Hope Company. (See Hope, Samuel N., assignor.)
Griffith, James E., Denver, Colo. Support for automobile accessories. 2,210,147; Aug. 6.
Griffith, John B., Jamestown, N. Y. Renewable fuse structure. 2,195,147; Mar. 26.
Griffith Laboratories Inc., The. (See Griffith, Carroll L., assignor.)
Griffith Laboratories, Inc., The. (See Griffith, C. L., and Hall, assignors.)
Griffith Laboratories, Inc., The. (See Komarik, Stephan L., assignor.)
Griffith, Raymond E., Mount Lebanon, assignor to E. J. Lavino and Company, Philadelphia, Pa. Furnace construction. 2,192,642; Mar. 5.
Griffith, Roland H., and J. H. G. Plant, London, assignors to The Gas Light & Coke Company, Westminster, London, England. Purification of combustible gases. 2,193,278; Mar. 12.
Griffith, Ronald G., and K. L. Wood, Embankment, London, England. Start-stop telegraph receiving apparatus. 2,217,864; Oct. 15.
Griffith, William B., Audubon, N. J. Automatic sprinkler system. 2,212,562; Aug. 27.
Griffiths, Arthur D. L., et al. (See Anderson, A. J., and Hill, assignors.)
Griffiths, Edgar J., et al. (See Matthews, Percy W., assignor.)
Griffiths, John B., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Railway signaling system. 2,225,473; Dec. 17.
Griffiths, John B., and A. Brown, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Railway signaling system. 2,214,924; Sept. 17.
Grigas, Anthony, Worcester, Mass. Ceiling washing implement. 2,187,585; Jan. 16.
Grigsby, Claude E., Galesburg, Ill. Twin sash. 2,187,078; Jan. 16.
Grigsby, Gail G., Desloge, Mo. Valve. 2,212,733; Aug. 27.
Grigsby, George P., Portland, Oreg. Cement carrier for trucks. 2,218,106; Oct. 15.
Grigsby, Marion W., Chicago, Ill. Card instruction game board. 2,226,973; Dec. 31.
Grill, Harry E., Willoughby, and H. H. Feldstein, Cleveland, Ohio. Filter. 2,207,618; July 9.
Grill, W. L., et al. (See Hinsch, Albert O., assignor.)
Grilli, John P. (See Mohr, A., Jr., Wille, and Grilli.)
Grilz, Alois. (See Alder, J., and Grilz.)
Grim, John M., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Production of aminotriazines. 2,206,005; June 25.
Grimaldi, Nicholas, Springfield, Mass. Swivel connection. 2,224,343; Dec. 10.
Grimditch, William H., Rydal, Pa., assignor to Philco Corporation. Storage battery. 2,221,677; Nov. 12.

Grimes, Thaddeus S., Columbus, Ga., assignor to Lummus Cotton Gin Company. Automatic feed for cotton gins. 2,196,728; Apr. 9.
Grimison, Harry W., Trenton, N. J. Railway switch heater. 2,196,014; Apr. 2.
Grimm, Albert P., Raritan, N. J. Boiler. 2,206,398; July 2.
Grimm, Hans, Heidelberg, and P. Huppert, deceased, by J. Knapp, administrator, Mannheim, Germany, assignors, by mesne assignments, to W. H. Duisberg, New York, N. Y. Phosphate glass. 2,227,082; Dec. 31.
Grimm, Otto, and H. Rauch, Darmstadt, Germany, assignors to Röhm & Haas Company, Philadelphia, Pa. Treatment of leather. 2,205,355; May 18.
Grimm, Royce, Snyder, assignor to Harrington Flierl, Buffalo, N. Y. Monorunner coasting device. 2,188,080; Jan. 23.
Grimm, William C., Jersey City, N. J. Food-making machinery. 2,207,795; July 16.
Grimmeisen, Herman O. (See Tapp, H. F., Grimmeisen, and Duemler.)
Grimshaw, Sydney, assignor to The F. B. Shuster Company, New Haven, Conn. Wire working machine. 2,213,650; Sept. 3.
Grimshaw, William, Oak Park, Ill. Piping for fire extinguishing sprinkler systems. 2,190.944; Feb. 20.
Grimsley, Leopold C. (See Rothenberg, H., and Grimsley.)
Grimson, Samuel B., assignor to Color Research Corporation, New York, N. Y. Color photography. 2,220,233; Nov. 5.
Grimwood, Walter K. (See McLeod, J. H., and Grimwood.)
Gringer, Rose. (See Fordon, William J., assignor.)
Grinnell, Harold D., assignor to The G. C. A. Manufacturing Co., Pittsfield, Mass. Lamp replacer. 2,223,344; Dec. 3.
Grinnell, Reginald J. (See Addy, C. W., Riley, and Grinnell.)
Grinspun, Isac. (See Cerny, J., and Grinspun.)
Grinter, Hershel W., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Adhering rubber to metal. 2,188,434; Jan. 30.
Grip, Carl A. O., Newton, assignor to The Reece Button Hole Machine Company, Boston, Mass. Sewing machine. 2,187,235; Jan. 16.
Griplock Pacific Co. Inc. (See Hingston, Philip, assignor.)
Griscom-Russell Company, The. (See Price, Joseph, assignor.)
Griscom, Samuel B., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor starting system. 2,210,714; Aug. 6.
Grisham, Jesse L. (See Kernodle, J. E., and Grisham.)
Griswold, Donald G., Alhambra, Calif., assignor to Clayton Manufacturing Company. Pilot controlled diaphragm valve. 2,193,720; Mar. 12.
Griswold, Frank W., Minneapolis, Minn. Railway crossing signal. 2,203,988; June 11.
Griswold Manufacturing Company, The. (See Anderson, Carl R., assignor.)
Griswold Manufacturing Company, The. (See Svoboda, Frank J., assignor.)
Griswold, Thomas, Jr., et al. (See Reimers, Hans A., assignor.)
Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle transmission. 2,185,730; Jan. 2.
Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Change-speed gearing. 2,201,169; May 21.
Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Bearing. 2,208,724; July 23.
Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,218,575; Oct. 22.
Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Transmission mechanism. 2,220,325; Nov. 5.
Gritzner-Kayser A.-G. (See Siefermann, Emil, assignor.)
Grivetto, Michele, Turin, assignor to Società Scientifica Radio Brevetti Ducati, Bologna, Italy. Razor. 2,212,117; Aug. 20.
Grizey, George J., Canton, Conn., assignor to Veeder-Root Incorporated. Register mechanism. 2,191,616; Feb. 27.
Grizey, George J., Canton, assignor to Veeder-Root Incorporated, Hartford, Conn. Counter. 2,216,007; Sept. 24.
Grob, Benjamin, assignor of seven-tenths to Grob Bros., Grafton, and one-fifth to E. H. Simpson, West Allis, and one-tenth to R. E. Stoll, Wauwatosa, Wis. Speed control. 2,198,247; Apr. 23.
Grob, Benjamin, assignor of one-half to T. Grob, Grafton, Wis. Endless abrasive device. 2,208,543; July 16.
Grob, Benjamin and T., West Allis, Wis. Filing machine. 2,192,788; Mar. 5.
Grob Bros., et al. (See Grob, Benjamin, assignor.)
Grob & Co. Aktiengesellschaft. (See Zürcher, J., and Blickenstorfer, assignors.)
Grob, Merle L. (See Meier, E., and Grob.)
Grob, Theodore. (See Grob, Benjamin, assignor.)
Grob, Theodore. (See Grob, Benjamin and T.)
Grobe, Julius J., Oak Park, assignor to General Electric X-Ray Corporation, Chicago, Ill. Aligning device for X-ray equipment. 2,208,258; July 16.
Grobe, Ralph E. (See Eserkaln, T. F., and Grobe.)
Grobel, Lloyd P., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,199,156; Apr. 30.
Groch, Robert D., Berkeley, Calif. Combined selector, time control, and distributor. 2,217,901; Oct. 15.
Grocholl, Karl, Kronach, Bavaria, Germany. Sand centrifuging cleaning machine. 2,224,647; Dec. 10.
Grodsky, Vladimir A., Washington, D. C. Mold composition and producing same. 2,201,366; May 21.
Groeger, Alfred H., Jamaica, assignor to Kason Hardware Corporation, Brooklyn, N. Y. Refrigerator door latch. 2,212,563; Aug. 27.
Groen, Christopher, Oak Park, Ill., assignor to A. Y. McDonald Mfg. Co., Dubuque, Iowa. Valve operating means. 2,218,641; Oct. 22.
Groene, Willard L. (See Groene, William F., and W. L.)
Groene, William F. (See Le Blond, R. K., and Groene.)
Groene, William F. (See Pierle, H. C., and Groene.)
Groene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft lathe. 2,191,935; Feb. 27.
Groene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Relieving attachment for lathes. 2,202,287; May 28.
Groene, William F., and W. L. Groene, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Feed mechanism for lathes. 2,186,168; Jan. 9.
Groene, William F., and W. R. Meyer, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft chuck. 2,188,594; Jan. 30.
Groene, William F., and H. J. Siekmann, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft lathe. 2,191,347; Feb. 20.
Groene, William F., and H. J. Siekmann, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Center drive double end turret lathe. 2,192,436; Mar. 5.
Groene, William F., and H. J. Siekmann, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Spindle control mechanism. 2,192,437; Mar. 5.
Groene, William F., H. C. Kemper, and H. E. Darby, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Lathe headstock. 2,193,279; Mar. 12.
Groene, William F., and A. W. Aufderhar, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Lathe apron. 2,194,203; Mar. 19.
Groene, William F., and W. R. Meyer, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft blank. 2,197,076; Apr. 16.
Groene, William F. and W. L., assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Feed mechanism for lathes. 2,199,834; May 7.
Groene, William F., and W. R. Meyer, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Loading and unloading of work in machine tools. 2,211,722; Aug. 13.
Groene, William F., and H. C. Kemper, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Taper turning apparatus. 2,211,723; Aug. 13.
Groene, William F., and W. L., assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Relieving attachment. 2,214,996; Sept. 17.
Groene, William F., and H. J. Siekmann, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Power chucking mechanism. 2,215,922; Sept. 24.
Groene, William F., and H. J. Siekmann, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Work loading mechanism for lathes. 2,221,049; Nov. 12.
Groeneveld, Yme B. F. J., Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Automatic volume control. 2,200,062; May 7.
Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Volumetric control means for defecator flush rim water supply. 2,186,755; Jan. 9.
Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Sanitary apparatus with air gap. 2,187,738; Jan. 23.
Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Sanitary apparatus for valved air gap. 2,188,132; Jan. 23.
Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Water pollution protecting device. 2,195,797; Apr. 2.
Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Defecator with combined flushing jet and air break. 2,202,628; May 28.
Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Defecator with universal wall or floor outlet connection. 2,212,518; Aug. 27.
Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Defecator. 2,212,538; Aug. 27.

Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Flush valve. 2,217,166; Oct. 8.
Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Waste disposal apparatus. 2,220,838; Nov. 5.
Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Waste and overflow outlet and fitting therefor. 2,223,365; Dec. 3.
Groetschel, Karl M., Bochum, and H. Toussaint, Berlin-Lankwitz, Germany. Wall structural unit. 2,185,916; Jan. 2.
Groetchen, Richard. (See Peters, William G., assignor.)
Groff, Frazier, Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Making composite materials. 2,219,447; Oct. 29.
Grogan, John S. (See Hayden, Albert S., assignor.)
Groh, Edward H., assignor to The O'Donnell Rubber Products Company, Cincinnati, Ohio. Fabric splitting machine. 2,186,583; Jan. 9.
Groh, Edward H., Cincinnati, and C. Sweyer, Columbus, assignors to The O'Donnell Rubber Products Company, Cincinnati, Ohio. Tape applier. 2,223,209; Nov. 26.
Grohs, John G., Great Falls, Mont. Irrigation plow. 2,224,047; Dec. 3.
Grohsgal, Alexis C., New York, assignor to Marks Products Co., Inc., Brooklyn, N. Y. Attachment plug. 2,201,578; May 21.
Grohsgal, Alexis C., New York, assignor to Marks Products Co., Inc., Brooklyn, N. Y. Electric attachment device. 2,201,579; May 21.
Grohskopf, Rudolph. (See Bosch, Johann J., assignor.)
Groll, Herbert P. A. (See Engs, W., Groll, and Fairbairn.)
Groll, Herbert P. A., Hamburg-Wellingsbuttel, Germany, assignor to Shell Development Company, San Francisco, Calif. Production of allyl type halides. 2,207,193; July 9.
Groll, Herbert P. A., Berkeley, and C. J. Ott, assignors to Shell Development Company, San Francisco, Calif. Process and product relating to treatment of unsaturated halides. 2,197,362; Apr. 16.
Groll, Herbert P. A., Berkeley, and J. Burgin, Oakland, assignors to Shell Development Company, San Francisco, Calif. Reactivation of catalysts used in the dehydrogenation of organic compounds. 2,198,195; Apr. 23.
Groll, Herbert P. A., and G. Hearne, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Process and product relating to the oxidation of unsaturated aldehydes. 2,212,900; Aug. 27.
Groll, Herbert P. A., Hamburg-Wellingsbuttel, Germany, and J. Burgin, Oakland, assignors to Shell Development Company, San Francisco, Calif. Dehydrogenation catalyst. 2,217,865; Oct. 15.
Groll, Herbert P. A., and G. Hearne, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Process and product relating to glycidols. 2,224,849; Dec. 17.
Groll, Thomas F., Jr., Elizabeth, N. J., and G. H. Small, Atlanta, Ga., assignors to National Oil Products Company, Harrison, N. J. Process and composition for coloring aggregate materials. 2,222,945; Nov. 26.
Grom, Franz. (See Wolf, K., and Grom.)
Gromann, Francis C., Wilmington, Del. Balance wheel structure. 2,194,896; Mar. 26.
Gronberg, Victor A. (See Jones, J. R., Gronberg and Hultberg.)
Gröndahl, Karl T., Goteborg, Sweden. Magnetic shuttle motion. 2,203,568; June 4.
Gronert, August, Furstenwalde-on-the-Spree, Germany. Ventilating plant for goods piled up such as grain. 2,196,391; Apr. 9.
Gronich, Sam, Los Angeles, Calif. Meat chopping machine. 2,222,614; Nov. 26.
Grönwall, Eugen A. A., Stockholm, Sweden. Method and device for treating a molten metallic material. 2,227,255; Dec. 31.
Groo, Earl R., and J. I. Green, Brooklyn, N. Y. Inkwell. 2,190,780; Feb. 20.
Groom, Edward J. (See Jones, W. D., and Groom.)
Groom, Harry B., assignor to B. Grover, New York, N. Y. Mechanical hammer. 2,226,559; Dec. 31.
Groombridge, Walter H., and T. P. Dee, Spondon, near Derby, England, assignors to Celanese Corporation of America. Preparing a cadmium metaphosphate catalyst. 2,206,226; July 2.
Groombridge, Walter H., and T. P. Dee, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of acetaldehyde by hydration of acetylene. 2,206,227; July 2.
Groome, Preston E. (See Borgeson, C. A., Carter, Drake, Groome, and Hanley.)
Groome, Preston E. (See Cunningham, H. J., Groome, Hanley, and Richards.)
Groome, Robert E., near Greensboro, N. C. Broom sewing apparatus. 2,186,378; Jan. 9.
Grooms, Albert O., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,189,663; Feb. 6.
Grooms, Albert O., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,216,589; Oct. 1.
Grooms, Eugene, Greenville, Ohio. Floodgate for electric fences. 2,194,018; Mar. 19.
Grosberg, Stanisław, Lodz, assignor to Scott & Bowne, Spółka Akcyjna, Towarzystwo Przemystowo-Handlowe dla Wyrobow Chemiczno Farmaceutycznych, Warsaw, Poland. Production of diethylenediamine. 2,219,839; Oct. 29.
Grosch, George S., Milwaukee, Wis. Power dividing differential mechanism. 2,221,186; Nov. 12.
Groshong, Walter R., Olympia, Wash. Duplex package. 2,197,219; Apr. 16.
Grosjean, Reuben M., Omaha, Nebr. Carburetor for internal combustion engines. 2,225,989; Dec. 24.
Gross, Arthur G., Beverley Hills, Calif. Indicator for picture theater programs. 2,217,902; Oct. 15.
Gross, Arthur R. (See Munson, C. R., and Gross.)
Gross, Carl G., Mount Vernon, assignor to American Machine and Metals, Inc., New York, N. Y. Hair drier. 2,201,229; May 21.
Gross, Charles, North Bergen, N. J. Narrow fabric holder. 2,211,461; Aug. 13.
Gross, Charles J., Melrose, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Notching machine. 2,185,437; Jan. 2.
Gross, Court, assignor to Motoraktieselskapet Av 1935, Oslo, Norway. Rotating sleeve valve for combustion motors. 2,216,836; Oct. 8.
Gross, Joseph M., Rockville Centre, assignor to Ideal Fastener Corporation, Brooklyn, N. Y. Slide fastener element. 2,193,870; Mar. 19.
Gross, Martin, New York, N. Y. Foundation garment. 2,193,171; Mar. 12.
Gross, Richard E., Oakland, Calif. Syringe. 2,223,611; Dec. 3.
Gross, Robert K. (See Domenice, George M.)
Grosse, Aristid V. (See Ipatieff, V. N., and Grosse.)
Grosse, Aristid V. (See Morrell, J. C., and Grosse.)
Grosse, Aristid V., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. Re. 21,486; June 25.
Grosse, Aristid V., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. Re. 21,588; Oct. 1.
Grosse, Aristid V., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon gases. 2,194,280; Mar. 19.
Grosse, Aristid V., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon reactions. 2,216,274; Oct. 1.
Grosse, Aristid V., and W. J. Mattox, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of naphthalene. 2,212,018; Aug. 20.
Grosse, Aristid V., and W. J. Mattox, assignors to Universal Oil Products Company, Chicago, Ill. Converting acetylenic hydrocarbons to aromatic hydrocarbons. 2,217,009; Oct. 8.
Grosse, Aristid V., and W. J. Mattox, assignors to Universal Oil Products Company, Chicago, Ill. Converting acetylenic hydrocarbons to aromatic hydrocarbons. 2,217,010; Oct. 8.
Grosse, Aristid V., and W. J. Mattox, assignors to Universal Oil Products Company, Chicago, Ill. Converting acetylenic hydrocarbons to aromatic hydrocarbons. 2,217,011; Oct. 8.
Grosse, Aristid V., and W. J. Mattox, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of diolefin hydrocarbons to aromatic hydrocarbons. 2,217,012; Oct. 8.
Grosse, Aristid V., and W. J. Mattox, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of diolefin hydrocarbons to aromatic hydrocarbons. 2,217,013; Oct. 8.
Grosse, Aristid V., and W. J. Mattox, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of diolefin hydrocarbons to aromatic hydrocarbons. 2,217,014; Oct. 8.
Grosse, Aristid V., and C. L. Thomas, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of alkyl fluorides. 2,220,713; Nov. 5.
Grosse, Aristid V., Bronxville, N. Y., and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Isomerization of paraffins. 2,225,776; Dec. 24.
Grosse, Karl, and G. Schlicht, Wietze, Kreis Celle, assignors to Deutsche Petroleum-Aktiengesellschaft, Berlin-Schoneberg, Germany. Extraction of petroleum by mining operations. 2,210,582; Aug. 6.
Grosse, Vitaly, Lichterfelde, Germany, assignor to General Electric Company. Circuit breaker testing arrangement. 2,214,853; Sept. 17.
Grosse, Vitaly, Lichterfelde, Germany, assignor to General Electric Company. Circuit breaker testing arrangement. 2,222,711; Nov. 26.
Grosse, William M., Marion, Va., assignor, by mesne assignments, to F. B. Leech, Washington, D. C. Stocking reinforcement. 2,223,102; Nov. 26.
Grossen, Gottlieb, Washington, D. C. Combined liquid applicator and kinesithrapy device. 2,197,694; Apr. 16.
Grosser, Christian E. (See Rose, E. L., and Grosser.)
Grosser, Christian E. (See Rose, E. L., Gilman, and Grosser.)
Grosser, Richard, West Englewood, N. J., assignor of thirty-three and one-third per cent to W. L. Morris, New York, N. Y. Elastic woolen fabric. 2,188,183; Jan. 23.

Grossman, Daniel R., Windsor, Ontario, Canada, assignor to Burd Piston Ring Company, Rockford, Ill. Automobile body heater. 2,198,812; Apr. 30.
Grossman, Harold, Montclair, N. J. Coating surfaces with fluorescent powder. 2,227,305; Dec. 31.
Grossman, Wallace G., and H. F. Carpenter, White Plains, N. Y. Mat. 2,187,620; Jan. 16.
Grossmann, Gustav, Berlin-Zehlendorf, Germany. Scattered ray diaphragm. 2,193,330; Mar. 12.
Grossmann, Gustav, Berlin-Zehlendorf, Germany. Method of and apparatus for protecting patients from injury by X-rays. 2,225,940; Dec. 24.
Grossmeyer, Roy, East Tawas, Mich. Curtain rod bracket. 2,211,893; Aug. 20.
Grosvenor, Bruce W., and C. P. Griffith, assignors to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Proportioner. 2,195,005; Mar. 26.
Grosvenor, W. M., Laboratories, Inc. (See Grosvenor, W. M., Jr., and Miller, assignors.)
Grosvenor, William M., Jr., and I. Miller, assignors to W. M. Grosvenor Laboratories, Inc., New York, N. Y. Production of substantially pure chlorine from gases containing hydrochloric acid. 2,206,399; July 2.
Grote, Hans W., New York, N. Y., assignor to United Carbon Company, Inc., Baltimore, Md. Forming agglomerated carbon black. Re. 21,390; Mar. 12.
Grotefeld, Augustus W. (See Perry, H., and Grotefeld.)
Grotelite Company, The. (See Ryder, Charles D., assignor.)
Grotelite Company, The. (See Wacker, George W., assignor.)
Grotelueschen, David H. (See Letourneau, D. H., and Finch, assignors.)
Grotenhuis, James T., assignor to Silent Sioux Oil Burner Corporation, Orange City, Iowa. Oil burning apparatus 2,214,693; Sept. 10.
Groth, Clarence C., New York, N. Y. Internal combustion engine. 2,196,860; Apr. 9.
Groth, Erland, Portland, Oreg, assignor, by mesne assignments, to Electrolux Corporation, Dover, Del. Suction nozzle. 2,220,778; Nov. 5.
Groth, Paul W., Des Moines, Iowa. Interlocking building block. 2,192,970; Mar. 12.
Groth, William J., Los Angeles, Calif. Ashpit doorframe. 2,199,590; May 7.
Grothe, Walter, Alameda, assignor to Caterpillar Tractor Co., San Leandro, Calif. Vent structure. 2,220,328; Nov. 5.
Grothey, Ivan W., assignor to Scott & Williams Incorporated, Laconia, N. H. Plating device for wrap yarns. 2,225,829; Dec. 24.
Grothouse, Frank T., Fort Wayne, Ind., assignor to General Electric Company. Shaft seal. 2,188,784; Jan. 30.
Grotlisch, Alvin W., Des Moines, Iowa. Device to hasten the opening of a dry pipe valve. 2,216,568; Oct. 1.
Grotnes, Carl C., Park Ridge, Ill. Metalworking machine. 2,211,009; Aug. 13.
Grötzinger, Wilhelm, Stuttgart-Bad Cannstatt, Germany, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Apparatus for steeping cellulose. 2,220,600; Nov. 5.
Grounds, Frederick A., Minden, and G. W. Van Hoose, Shreveport, La. Binding bales of hay or the like. 2,198,913; Apr. 30.
Grout, James H., Chicago, Ill. Retinoscope. 2,204,014; June 11.
Grout, Perley F., Wakefield, assignor of one-half to H. D. Newhall, Greenwood, Mass. Counting mechanism. 2,208,270; July 16.
Grove, Gerald N. (See Minich, V. E., and Grove.)
Grove, Gerald N., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Abrasive throwing equipment. 2,223,366; Dec. 3.
Grove, Marvin H., Berkeley, Calif. Fluid pressure regulator. 2,202,313; May 28.
Grove, Marvin H., Berkeley, Calif. Fluid flow regulator. 2,212,709; Aug. 27.
Grove, Marvin H., Berkeley, Calif. Pressure regulator. 2,220,229; Nov. 5.
Groven, Frederick J., Highland Park, assignor to Ford Motor Company, Dearborn, Mich. Drying surfaces and apparatus therefor. 2,186,067; Jan. 9.
Grover, Burnard. (See Groom, Harry B., assignor.)
Groves, George W., Dallas, Tex. Propelling and steering means for boats. 2,217,903; Oct. 15.
Groves, Lee O., Tuscola, Tex. Faucet. 2,217,050; Oct. 8.
Groves, William E., Indianapolis, Ind., assignor to Oxweld Acetylene Company. Gas pressure booster system. 2,223,415; Dec. 3.
Grow, James A., Columbus, Ind. Corn cracker and grader. 2,192,076; Feb. 27.
Grower, William F., et al. (See Pratt, Harry P., assignor.)
Grubb, Clarence, Allentown, Pa. Metallic building block. 2,209,564; July 30.
Grubb, Gunnar, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Humidifying of air. 2,225,954; Dec. 24.
Grubb, John H., Shreveport, Pa., assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Circulating well packer. 2,196,661; Apr. 9.
Grubb, William J., C. Shaw, and R. H. Sennett, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Coloring acetate artificial silk. 2,201,367; May 21.
Gruber, Bros. (See Maerz, Frederick K., assignor.)
Gruber, Hans, Muhldorf, Upper Bavaria, Germany. Measuring or surveying instrument. 2,223,683; Dec. 3.
Gruber, Harry J., et al. (See Maerz, Frederick K., assignor.)
Gruber, Heinrich. (See Boedecker, F., and Gruber.)
Gruber, Heinrich, and H. von Neuman, Marktl in Traisental, Niederdonau, assignors to the firm Fried v. Neuman, Marktl in Traisentale, Lower Danube, Germany. Extruding metallic blanks. 2,207,004; July 9.
Gruber, Herbert, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Charging device for charging liquid coking material into coke ovens. 2,219,307; Oct. 29.
Gruber, Max D., et al. (See Maerz, Frederick K., assignor.)
Gruber, Morris M., New York, N. Y., and G. J. Saliba, Englewood, N. J., assignors to Presto Recording Corporation, New York, N. Y. Sound recorder. 2,221,970; Nov. 19.
Gruber, Paul R., Waterbury, Conn. Convertible chess and checker game piece. 2,196,861; Apr. 9.
Gruber, Paul R., assignor to The Waterbury Button Company, Waterbury, Conn. Pitch regulator for musical instruments. 2,214,553; Sept. 10.
Gruber, Wilhelm B., Portland, Oreg. Stereoscopic viewing device. 2,189,285; Feb. 6.
Grudin, Louis, New York, N. Y. Typographic apparatus. 2,191,713; Feb. 27.
Gruen Watch Company, The. (See Katz, Benjamin S., assignor.)
Gruen Watch Company, The. (See Thiebaud, Henri, assignor.)
Gruenberg, Ivor J., Ferndale, assignor to Gear Grinding Machine Company, Hamtramck, Mich. Method and machine for polishing articles. 2,218,353; Oct. 15.
Gruenberg, Raoul J., San Francisco, and W. E. Formway, Los Altos, assignors to Cumlockt Company, San Francisco, Calif. Box folding machine. 2,213,494; Sept. 3.
Gruender, Oscar C. (See Symons, E. B., and Gruender.)
Gruender, Oscar C., assignor to Nordberg Manufacturing Co., Milwaukee, Wis. Feeding device for crushers. 2,207,858; July 16.
Gruender, Oscar C., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Plate for jaw crushers. 2,222,768; Nov. 26.
Gruender, Oscar C., assignor to Nordberg Manufacturing Co., Milwaukee, Wis. Crusher. 2,223,956; Dec. 3.
Gruender, Oscar C., assignor to Nordberg Manufacturing Co., Milwaukee, Wis. Screen. 2,225,909; Dec. 24.
Gruender, Oscar C., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Wearing part for crushers. 2,226,341; Dec. 24.
Gruender, Oscar C., and H. M. Zoerb, assignors to Nordberg Manufacturing Co., Milwaukee, Wis. Protecting device for crusher bearings. 2,224,542; Dec. 10.
Gruendler Crusher and Pulverizer Company. (See Meyer, Alphonse, assignor.)
Gruendler, William P., University City, Mo., assignor of one-fifth to C. D. Altick, Dayton, Ohio, and one-fifth to L. D. Smiley, Jackson Heights, N. Y. Manufacture and refining of pulp. 2,207,194; July 9.
Gruenekelee, Karl, Stanhope, assignor of fifty per cent to F. B. Junghans, Netcong, N. J. Heating and cooling receptacle. 2,209,099; July 23.
Gruengger, Heinrich. (See Graenacher, C., Ackerman, and Gruengger.)
Gruenhut, Alfred, New York, N. Y. Device for indexing, selecting, and classifying flat sheets, cards, and similar articles. 2,217,744; Oct. 15.
Gruensfelder, Rose, and E. C. Neunuebel, St. Louis, Mo.; said Neunuebel assignor to said Gruensfelder. Shoe of elastic material. 2,205,356; June 18.
Gruetjen, Frederick A., Alhambra, Calif., assignor to A. O. Smith Corporation, Milwaukee, Wis. Hydraulic motor 2,192,402; Mar. 5.
Gruetter, John R., assignor to The Liquid Carbonic Corporation, Chicago, Ill. Pasteurizing apparatus. 2,203,141; June 4.
Gruhzit, Oswald M. (See Scott, A. B., Gruhzit, and Sultzaberger.)
Gruman, Horace F., St. Louis, Mo., assignor to G. Stevenson, Buffalo, N. Y. Sewing machine. 2,199,171; Apr. 30.
Gruman, Horace F., St. Louis, Mo., assignor to G. Stevenson, Buffalo, N. Y. Trimming mechanism for blind stitch sewing machines. 2,199,172; Apr. 30.
Gruman, Horace F., St. Louis, Mo., assignor to G. Stevenson, Buffalo, N. Y. Work support for blind stitch sewing machines. 2,199,173; Apr. 30.
Gruman, Horace F., St. Louis, Mo., assignor to G. Stevenson, Buffalo, N. Y. Differential feeding mechanism for sewing machines. 2,199,174; Apr. 30.
Grumbacher, M. (See Binon, Georges.)
Grumbacher, Walter, et al. (See Binon, Georges, assignor.)
Grumbacher, Walter J., et al. (See Binon, Georges, assignor.)
Grunberg, George, New York, N. Y. Ornamented bottle. 2,222,174; Nov. 19.

Grundhoefer, Charles, Chicago, Ill. Overfeed control for printing presses. 2,201,726; May 21.
Grundlehner, Ernest, Schenectady, N. Y. Adding machine. 2,223,612; Dec. 3.
Grundman, Michael G., Vincennes, Ind. Shoe. 2,215,924; Sept. 24.
Grundmann, Gustave L. (See Allen, H. C., and Grundmann.)
Grundmann, Gustave L. (See Landon, V. D., and Grundmann.)
Grundmann, Gustave L., Westmont, N. J., assignor to Radio Corporation of America. Band pass amplifier. 2,207,796; July 16.
Grundmann, Gustave L., Westmont, N. J., assignor to Radio Corporation of America. Wide band amplifier. 2,217,839; Oct. 15.
Grundmann, Gustave L., Westmore, N. J., assignor to Radio Corporation of America. Television receiver. 2,223,822; Dec. 3.
Grundstein, Irving R., assignor to Fall River Curtain Company, Inc., New York, N. Y. Curtain. 2,200,366; May 14.
Grundstrom, Erik G., assignor to Advance Aluminum Castings Corp., Chicago, Ill. Pressure cooker. 2,188,735; Jan. 30.
Gruner, William P. (See Uhri, W. C., Jr., and Gruner.)
Grunert, Frank A., Menlo Park, Calif. Flooring. 2,204,675; June 18.
Grunig, Bernhard C., assignor to A. B. T. Manufacturing Company, Chicago, Ill. Coin chute. 2,185,980; Jan. 2.
Grunig, Bernhard C., assignor to A. B. T. Manufacturing Corp., Chicago, Ill. Coin chute. 2,212,861; Aug. 27.
Grunow, William C. (See Morris, Lloyd P., assignor.)
Grunstra, Peter, Jr., Clifton, N. J. Reverse gearing. 2,226,661; Dec. 31.
Grunwald, Albert C., River Forest, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Stop mechanism for towel dispensing apparatus. 2,190,315; Feb. 13.
Grunwald, Albert C., River Forest, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel cabinet and mechanism therefor. 2,193,589; Mar. 12.
Grunwald, Albert C., River Forest, Ill. Placement of breast pocket handkerchiefs. 2,200,601; May 14.
Grunwald, Albert C., River Forest, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Dispensing device for sheet material. 2,206,320; July 2.
Grunwald, Albert C., River Forest, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel cabinet and mechanism therefor. 2,206,951; July 9.
Grupe, William F., Lyndhurst, assignor to Chambon Corporation, Garfield, N. J. Producing box or carton blanks bearing printed matter and resulting product. Re. 21,424; Apr. 16.
Grupe, William F., Lyndhurst, assignor to Chambon Corporation, Garfield, N. J. Press for operating upon continually travelling material. 2,192,707; Mar. 5.
Grupe, William F., Lyndhurst, assignor to Chambon Corporation, Garfield, N. J. Printing cylinder. 2,194,424; Mar. 19.
Gruse, William A. (See Hjerpe, E. B., and Gruse.)
Gruse, William A. (See Stevens, D. R., and Gruse.)
Gruskin, Benjamin, Philadelphia, Pa., assignor, by mesne assignments, to Lakeland Foundation, Chicago, Ill. Syringe. 2,198,666; Apr. 30.
Gruskin, Benjamin, Philadelphia, Pa., assignor to Lakeland Foundation, Chicago, Ill. Antigen for determination of tuberculosis and making the same. 2,204,272; June 11.
Grüss, Heinz, P. Kähle, and F. Lieneweg, Berlin-Siemensstadt, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Arrangement for carrying out electrometrical measurements. 2,190,835; Feb. 20.
Grutzner, Fritz Paul, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Heating and ventilating system. 2,189,895; Feb. 13.
Grutzner, Fritz P., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. System for recovering and utilizing waste heat. 2,208,157; July 16.
Gschwender, Ernst, and W. C. Bigelow, assignors to Detroit Sulphite Pulp & Paper Company, Detroit, Mich. Paper making machine. 2,189,518; Feb. 6.
Gualtiere, Julius, assignor to Edwin B. Stimpson Company, Brooklyn, N. Y. Clamp or prong rivet feeding mechanism. 2,208,759; July 23.
Guanella, Gustave, Zurich, Switzerland, assignor to Radio Patents Corporation. Electric translation circuit. 2,191,315; Feb. 20.
Guanella, Gustave, Zurich, Switzerland, assignor to Radio Patents Corporation, New York, N. Y. Receiving high frequency signals. 2,206,695; July 2.
Guanella, Gustav, Zurich, Switzerland, assignor to Radio Patents Corporation, New York, N. Y. Frequency variation response circuit. 2,220,098; Nov. 5.
Guanella, Gustave, Zurich, Switzerland, assignor to Radio Patents Corporation, New York, N. Y. Television and other signal transmission systems. 2,225,741; Dec. 24.
Guaranteed Parts, Inc. (See Dodge, Sherwood O., assignor.)
Guardian Electric Manufacturing Company. (See Nelsen, Marvin G., assignor.)
Guardian Electric Manufacturing Company. (See Nelsen, M., and Obszarny, assignors.)
Guardian Manufacturing & Supply Corporation. (See Littlehale, Philip E., assignor.)
Guardite Corporation, The. (See Baer, John M., assignor.)
Guardite Corporation, The. (See Bailey, Otterbein A., assignor.)
Guardite Corporation, The. (See Booth, Thomas E., assignor.)
Guardite Corporation, The. (See McCorkhill, Jesse C., assignor.)
Guardite Corporation, The. (See Merriam, Charles J., assignor.)
Guardite Corporation, The. (See Palmer, Paul H., assignor.)
Guardite Corporation, The. (See Smith, H. L., Jr., and Jones, assignors.)
Guarino, Arthur A., Jeffersonville, N. Y. Trap. 2,193,358; Mar. 12.
Guarnaschelli, Stephen, Jackson Heights, N. Y., assignor to Packless Metal Products Corporation. Flexible tube coupling. Re. 21,603; Oct. 22.
Guarnaschelli, Stephen, Elmhurst, assignor to Packless Metal Products Corporation, New York, N. Y. Flexible metallic hose. 2,187,347; Jan. 16.
Guarnaschelli, Stephen, Elmhurst, assignor to Packless Metal Products Corporation, New York, N. Y. Coupling. 2,198,996; Apr. 30.
Guarnaschelli, Stephen, Elmhurst, assignor to Packless Metal Products Corporation, New York, N. Y. Connector. 2,200,082; May 7.
Guba, Raymond J., assignor to Audubon Wire Cloth Corporation, Philadelphia, Pa. Wire fabric. 2,214,739; Sept. 17.
Gubelman, William S., Brooklyn, N. Y. Cash register. 2,226,919; Dec. 31.
Gubelmann, Ivan, Wilmington, Del., J. M. Tinker, Penns Grove, and L. Spiegler, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Diazonium compounds and manufacturing the same. 2,186,722; Jan. 9.
Guderian, Juel F., assignor of one-fourth to J. Richmond and one-fourth to G. G. Richmond, Coquille, Oreg. Safety hydraulic brake structure. 2,201,086; May 14.
Gudger, Morris S., New York, N. Y., assignor to American Type Founders, Inc., Elizabeth, N. J. Deflector for sheet feeding mechanism. 2,225,005; Dec. 17.
Gudger, Morris S., New York, N. Y., and F. W. Seybold, assignors to American Type Founders, Inc., Elizabeth, N. J. Sheet feeding. 2,225,006; Dec. 17.
Gudger, Morris S., New York, N. Y., and F. W. Seybold, assignors to American Type Founders, Inc., Elizabeth, N. J. Pile elevator for sheet feeding machines. 2,225,007; Dec. 17.
Gudmand-Høyer, Julius V., and E. K. D. Hansen, Odense, Denmark, said Hansen assignor to said Gudman-Høyer. Central heating boiler. 2,213,189; Sept. 3.
Gudmundsen, Austin, assignor to Gudmundsen-Stratton Laboratories, Inc., Milwaukee, Wis. Water softener. 2,202,001; May 28.
Gudmundsen-Stratton Laboratories, Inc. (See Gudmundsen, Austin, assignor.)
Guedon, Emile C., Audubon, N. J., assignor to Radio Corporation of America. Signal translating apparatus. 2,192,998; Mar. 12.
Guedon, Emile C., Audubon, N. J., assignor to Radio Corporation of America. Phonographic apparatus. 2,192,999; Mar. 12.
Guedon, Emile C., Audubon, N. J., assignor to Radio Corporation of America. Electrical signal translating apparatus. 2,203,820; June 11.
Guedon, Emile C., Audubon, N. J., assignor to Radio Corporation of America. Electric motor. 2,207,251; July 9.
Guendling, John E., South Bend, assignor to The American Foundry Equipment Company, Mishawaka, Ind. Centrifugal abrasive blasting machine. 2,204,587; June 18.
Guendling, John E., South Bend, assignor to The American Foundry Equipment Company, Mishawaka, Ind. Abrasive throwing machine. 2,224,153; Dec. 10.
Guenther, Arthur E., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Thread production. 2,223,912; Dec. 3.
Guenther, Edgar G., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Production of staple fiber yarns. 2,221,023; Nov. 12.
Guenther, Edgar G., J. B. Stevens, and W. J. Stolp, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Filament tensioning device. 2,211,328; Aug. 13.
Guenther, Fritz, Ludwigshafen-on-the-Rhine, and H. Haussmann, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of nitrogen-containing condensation products useful in the textile and related industries. 2,189,648; Feb. 6.
Guenther, Fritz, Heidelberg, H. Haussmann, Mannheim, and W. Frank, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Sulphonic acids. 2,220,099. Nov. 5.
Guenther, Gerhard K., Chicago, Ill. Drill sharpener attachment. 2,217,545; Oct. 8.
Guenther, Henry L., Los Angeles, Calif. Vacuum double seaming machine. 2,211,112; Aug. 13.

Guerin, Henry E., Beverly Hills, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Apparatus for forming sheet metal. 2,190.659; Feb. 20.
Guernsey, C. W. (See Woody, Covel, assignor.)
Guernsey, Charles O., Yeadon, Pa. Vacuum relief device for engines. 2,207,056; July 9.
Guerrier, Edwin J., New Orleans, La. Seesaw. 2,201,036; May 14.
Guertler, William, Berlin-Dahlem, assignor, by mesne assignments, to Chemical Marketing Company Inc., New York, N. Y. Alloys resistant to burning and scaling. 2,190,781; Feb. 20.
Guest, Albert. (See Neale, J. E., and Guest.)
Guest, George C. (See Denison, P. L. O., and Guest.)
Guest, Howard L., Oakland, Calif. Germicide. 2,209,454; July 30.
Guest, Keen & Nettlefolds, Limited. (See Whitcombe, Christopher J., assignor.)
Guffey, Roy, Dallas, Tex., assignor to Jones, Shelburne & Guffey, Inc., Oklahoma City, Okla. Control mechanism. 2,202,551; May 28.
Guffra, Joseph A., Portola, Calif. Wheel flange oiler. 2,212,734; Aug. 27.
Guggenheim Brothers. (See Bevan, John G., assignor.)
Guggenheim Brothers. (See Gleason, G. H., and Loonam, assignors.)
Guggenheim Brothers. (See Smith, Elias A. C.)
Guhlin, Gunnar W., and T. G. Waggoner, Houston, Tex. Loading chute. 2,186,292; Jan. 9.
Guiberson Corporation, The. (See Guiberson, Samuel A., III, assignor.)
Guiberson Corporation, The. (See Teis, K. R., and Moore, assignors.)
Guiberson Corporation, The. (See Temple, Clyde V., assignor.)
Guiberson Corporation, The. (See Thaheld, Feri A., assignor.)
Guiberson, Samuel A., III, assignor to The Guiberson Corporation, Dallas, Tex. Flowing wells. 2,188,656; Jan. 30.
Guiberson, Samuel A., III, assignor to The Guiberson Corporation, Dallas, Tex. Removable pumping mechanism. 2,227,132; Dec. 31.
Guibert, Francis W., Los Angeles, Calif. Spraying apparatus. 2,187,376; Jan. 16.
Guibert, Francis W., Beverly Hills, and F. B. Fuller, Whittier, Calif.; said Fuller assignor to said Guibert. Adjustable liquid metering device. 2,222,660; Nov. 26.
Guidetti, Guido A., assignor to Compagnia Continentale di Sellerie Ciclistiche Ed Affini, S. A. Milan, Italy. Saddle connection for bicycles, motor cycles, and the like. 2,186,483; Jan. 9.
Guier, William, assignor to Unit Rig & Equipment Company, Tulsa, Okla. Control mechanism. 2,207,797; July 16.
Guignon, Emile S., Jr., Kansas City, Mo. Building structure. 2,202,850; June 4.
Guilbert, Frank N., Jersey City, assignor to Autographic Register Company, Hoboken, N. J. Making manifolding stationary. 2,213,123; Aug. 27.
Guilbert, Nicholas R., Jr., Chestnut Hill, Pa. Vertically slidable closure. 2,209,680; July 30.
Guild, Lurelle, Darien, Conn. Colored surface coating. 2,186,721; Jan. 9.
Guild, Lurelle, Noroton, assignor to The Waterbury Clock Company, Waterbury, Conn. Wrist-watch case. 2,207,512; July 9.
Guild, Lurelle, Noroton, assignor to The Waterbury Clock Company, Waterbury, Conn. Wrist-watch case. 2,225,474; Dec. 17.
Guild, Waldo J., assignor to The Heald Machine Company, Worcester, Mass. Rotary tool for boring and like operations. 2,224,386; Dec. 10.
Guildford, Joseph R., Regina, Saskatchewan, Canada. Curtain rod device. 2,204,411; June 11.
Guilfoyle, Robert J., et al. (See Gilowitz, Benjamin, assignor.)
Guilfoyle, Terence. (See Jones, F. C., and Guilfoyle.)
Guillaudeu, Arthur, assignor to Industrial Patents Corporation, Chicago, Ill. Antioxidant for fats and oils. 2,197.269; Apr. 16.
Guillo, Harry P., assignor to General Printing Ink Corporation, New York, N. Y. Liquid-dispensing system. 2,225,446; Dec. 17.
Guimond, Joseph A., Montreal, Quebec, Canada. Self-sharpening safety razor. 2,200.246; May 14.
Guinez, Antonio, assignor of one-tenth to C. Badalamente, New York, N. Y. Measuring instrument. 2,189,245; Feb. 6.
Guinness, Arthur, Son & Company. (See Gray, Charles J., assignor.)
Guinness, Arthur, Son & Company Limited. (See Gray, Charles J., assignor.)
Guinness, Edward E., Wolverhampton, assignor to Fluvario, Limited, West Bromwich, England. Fluid transmission apparatus. 2,195,246; Mar. 26.
Guinot, Henri M., Niort, Deux-Sevres, assignor to Les Usines de Melle, Melle Deux-Sevres, France. Dehydration of organic liquids by azeotropic distillation. 2,194,851; Mar. 26.
Guinot, Henri M., Niort, Deux-Sevres, assignor to les Usines de Melle, Melle, Deux-Sevres, France. Manufacture of primary hydroxyalkylamines. 2,196,554; Apr. 9.
Guinzburg, Roland H., Flushing, assignor to I. B. Kleinert Rubber Company, New York, N. Y. Method and apparatus for producing rubber articles. 2,199,790; May 7.
Guite, Roy W., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Apparatus for abrasively treating metal articles. 2,204,588; June 18.
Gulbrandsen, Oscar J., Duluth, Minn. Fishing rod and reel attachment. 2,190,984; Feb. 20.
Gulbrandsen, Sverre, assignor to New Process Rayon, Inc., Gloucester, N. J. Fiber treatment. 2,194,084; Mar. 19.
Gulbrandsen, Sverre, Woodbury, assignor to New Process Rayon, Inc., Gloucester, N. J. Recovery of basic copper sulphate from rayon manufacture. 2,206,889; July 9.
Gulbransen, Capron R., Grand Ridge, Ill. Calculating or indicating device. 2,222,661; Nov. 26.
Guldbech, Carl C., Bronx, N. Y. Dough twisting machine. Re. 21,425; Apr. 16.
Gulf Oil Corporation. (See Cantrell, Troy L., assignor.)
Gulf Oil Corporation. (See Cantrell, T. L., and Stockhardt, assignors.)
Gulf Oil Corporation. (See Cantrell, T. L., and Turner, assignors.)
Gulf Oil Corporation. (See Eaton, Gerald L., assignor.)
Gulf Oil Corporation. (See Hill, M. L., and Ferguson, assignors.)
Gulf Oil Corporation. (See Hjerpe, E. B., and Gruse, assignors.)
Gulf Oil Corporation. (See Hoe, Harold M., assignor.)
Gulf Oil Corporation. (See Ostergaard, Povl, assignor.)
Gulf Oil Corporation. (See Prater, C., and Brindel, assignors.)
Gulf Oil Corporation. (See Smith, H. G., and Cantrell, assignors.)
Gulf Oil Corporation. (See Stevens, D. R., and Cooke, assignors.)
Gulf Oil Corporation. (See Stevens, D. R., and Gruse, assignors.)
Gulf Research & Development Company. (See Brandes, Oliver L., assignor.)
Gulf Research & Development Company. (See Chenault, Roy L., assignor.)
Gulf Research & Development Company. (See Dewey, Milton A., assignor.)
Gulf Research & Development Company. (See Kennedy, Harvey T., assignor.)
Gulf Research & Development Company. (See Kirk, David K., assignor.)
Gulf Research & Development Company. (See Lane, Abbot A., assignor.)
Gulf Research & Development Company. (See Lane, A. A., and Jacobson, assignors.)
Gulf Research & Development Company. (See Lutz, William A., assignor.)
Gulf Research & Development Company. (See Mori, Ernest, assignor.)
Gulf Research & Development Company. (See Muffly, Gary, assignor.)
Gulf Research & Development Company. (See Pigott, Reginald J. S., assignor.)
Gulf Research & Development Company. (See Powers, Kenneth P., assignor.)
Gulf Research & Development Company. (See Rusler, G. W., and Vacquier, assignors.)
Gulf Research & Development Company. (See Stevens, D. R., and Gruse, assignors.)
Gulf Research & Development Company. (See Stevens, D. R., and McKinley, assignors.)
Gulf Research & Development Company. (See Topanelian, Edward, Jr., assignor.)
Gulf Research & Development Company. (See Wyckoff, Ralph D., assignor.)
Gulick, Edward J., Elkhart, Ind. Engine lubricating device. 2,192,438; Mar. 5.
Gulick, Russell A., Winthrop, Mass., assignor, by mesne assignments, to Stator Corporation. Liquid stratification. 2,207,057; July 9.
Gulick, Russell A., Winthrop, assignor to Comstock & Wescott, Inc., Cambridge, Mass. Pumping assembly. 2,223,869; Dec. 3.
Gullett Gin Company. (See Wallace, Jeffrey J., assignor.)
Gullick, Geoffrey M., assignor to Mavor and Coulson, Limited, Glasgow, Scotland. Method of and apparatus for mining, quarrying and the like. 2,198,163; Apr. 23.
Gulliksen, Finn H., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Antimicrophonic phototube circuit. 2,193.590; Mar. 12.
Gulliksen, Finn H., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current limiting device. 2,196.413; Apr. 9.
Gulliksen, Finn H., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Register control of color printing presses. 2,205,255; June 18.
Gulliksen, Finn H., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa.. Phase difference indicator. 2,217,477; Oct. 8.
Gulliksen, Finn H., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Speed regulator. 2,217,478; Oct. 8.
Gulliksen, Finn H., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Spot welding timer. 2,220,151; Nov. 5.

Gulliksen, Finn H., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Voltage regulator. 2,221,579; Nov. 12.
Gulliksen, Finn H., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa Relay circuit. 2,221,580; Nov. 12.
Gulliksen, Finn H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Register regulator control. 2,195,006; Mar. 26.
Gulliksen, Finn H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Synchronizing device for synchronous motors. 2,205,253; June 18.
Gulliksen, Finn H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulator. 2,205,254; June 18.
Gulliksen, Finn H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Registration control system. 2,208,420; July 16.
Gulliksen, Finn H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electronic regulator. 2,210,715; Aug. 6.
Gulliksen, Finn H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thickness gauge. 2,224,728; Dec. 10.
Gulliksen, Finn H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Spot welding timer. 2,226,375; Dec. 24.
Gulliksen, Finn H., Wilkinsburg, and J. W. Dawson, East McKeesport, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,217,476; Oct. 8.
Gum, Incorporated. (See Bowman, Jacob W., assignor.)
Gumbin, Herman M. (See Bristol, Fred C., assignor.)
Gump, B. F., Co. (See Berry, Eugene G., assignor.)
Gump, B. F., Co., The. (See Berry, E. G., and Williams, assignors.)
Gump, B. F., Co., The. (See Berry, E. G., Hazle, and Williams, assignors.)
Gump, B. F., Company. (See Hazle, Albert J. Jr., assignor.)
Gump, B. F., Co. (See Reimuller, C. L., and Berry, assignors.)
Gump, B. F., Co., The. (See Williams, W. M., and Berry, assignors.)
Gump, George M., Cincinnati, Ohio. Coil cleaning method. 2,189,950; Feb. 13.
Gumper, Theodore P., St. Louis, Mo. Sash-cord attachment fixture. 2,223,613; Dec. 3.
Gunberg, Harry W. (See Buck, R. S., and Gunberg.)
Gundel, George L., Albany, N. Y. Lubricating device. 2,213,001; Aug. 27.
Gundelfinger, Alan M., and L. S. Trimble, assignors to Cinecolor, Incorporated, Los Angeles, Calif. Making colored prints. 2,218,001; Oct. 15.
Gundelfinger, William E., assignor to Knapp-Monarch Company, St. Louis, Mo. Fan supporting means. 2,215,035; Sept. 17.
Gundelfinger, William E., and O. Lamb, assignors to Knapp-Monarch Company, St. Louis, Mo. Corn popper. 2,194,852; Mar. 26.
Gundersen, Jacob A., and G. A. Weingartner, Kenmore, N. Y. Fur cutting machine. 2,213,858; Sept. 3.
Gunderson, Chesley R., Reno, Nev. Expansion drill. 2,193,721; Mar. 12.
Gunderson, Gustav, Pottsville, Pa. Cord holder for electric irons. 2,205,139; June 18.
Gunderson, Lewis O., and O. W. Carrick, assignors to Electro-Chemical Engineering Corporation, Chicago, Ill. Automatic boiler water conditioner. 2,207,798; July 16.
Gunderson, Lewis O., and O. W. Carrick, assignors to Electro-Chemical Engineering Corporation, Chicago, Ill. Automatic boiler water conditioner. 2,207,799; July 16.
Gunderson, Lewis O., and O. W. Carrick, assignors to Electro-Chemical Engineering Corporation, Chicago, Ill. Automatic boiler water conditioner. 2,207,800; July 16.
Gunderson, Ralph R., assignor to Vacuum Power Brake Company, Los Angeles, Calif. Fluid pressure power actuator. 2,192,548; Mar. 5.
Gunderson, Reuben J., assignor to Animal Tongue Protector, Inc., Chicago, Ill. Tongue protector device. 2,189,141; Feb. 6.
Gunderson, Robert S., Omaha, Nebr. Artificial fish lure. 2,209,161; July 23.
Gundian, Nicolas U., Iquique, Chile. Mooring device. 2,203,433; June 4.
Gundlfinger, Karl. (See Hebel, M., and Gundlfinger.)
Gunion, Walter E., Lancaster, Ohio. Ice cube remover. 2,227,221; Dec. 31.
Gunn, Earl G., Racine, Wis. Jack. 2,212,539; Aug. 27.
Gunn, Earl G., Racine, Wis. Jack. 2,217,403; Oct. 8.
Gunn, Earl G., Jackson, Mich., assignor to Walker Manufacturing Company, Racine, Wis. Jack element. 2,189,981; Feb. 13.
Gunn, Francis M., G. C. Johnson, and A. O. Hoenke, Chicago, Ill. Assembling and welding car frame sides. 2,221,187; Nov. 12.
Gunn, Ross, Washington, D. C. Apparatus for the detection of displacements. Re. 21,361; Feb. 20.
Gunn, Ross, Washington, D. C. Apparatus for the detection of displacements. Re. 21,372; Feb. 27.
Gunn, Ross, Washington, D. C. Apparatus and method for facilitating the navigation of aircraft. 2,210,932; Aug. 13.
Gunn, Townsend M. (See Tillyer, E. D., Moulton, and Gunn.)
Gunner, William. (See Polikoff, N., and Gunner.)
Gunning, Joseph H., Los Angeles, Calif. Mechanical computing device. 2,193,280; Mar. 12.
Gunnison, Foster, Louisville, Ky., assignor to Gunnison Housing Corporation, New Albany, Ind. Building construction. 2,218,465; Oct. 15.
Gunnison Housing Corporation. (See Gunnison, Foster, assignor.)
Gunter, Robert L., Los Angeles, Calif. Electrically operated control device. 2,226,856; Dec. 31.
Günter, Siegfried, assignor to E. Heinkel, Warnemunde, Germany. Airfoil or the like for aircraft. 2,207,402; July 9.
Gunther, Fredrich J., Olive, Calif. Folding scaffold. 2,186,484; Jan. 9.
Günther, Willy, Port-au-Prince, Haiti. Tanning. 2,211,541; Aug. 13.
Günthert, Karl H., and K. H. Hofmann, Berlin, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Radio direction finding system. 2,223,065; Nov. 26.
Gurd, George W., Sarnia, Ontario, Canada, and W. N. Munster, Port Huron, Mich., assignors to Standard Oil Development Company. Solvent treating. 2,225,910; Dec. 24.
Gurley, Arnold M. (See Gurley, James M. and A. M.)
Gurley, James M. and A. M., Fort Worth, Tex. Hydraulic pumping apparatus. 2,186,411; Jan. 9.
Gurley, John W., Dayton, Ohio., assignor to The Coca-Cola Company, Wilmington, Del. Vending machine. 2,187,568; Jan. 16.
Gurley, W. & L. E. (See Egy, Willard L., assignor.)
Gurley, W. & L. E. (See Rich, Knowlton H., assignor.)
Gurney, Wiliam W., Winona, Minn., assignor to Madison Silo Company, Madison, Wis. Silo roof structure. 2,208,973; July 23.
Gurries, Albert G., assignor to Be-Ge Manufacturing Company, Gilroy, Calif. Dumping scraper. 2,203,615; June 4.
Gurries, Albert G., assignor to Be-Ge Manufacturing Company, Gilroy, Calif. Spreading and grading attachment for scrapers. 2,203,616; June 4.
Gurries, Albert G., assignor to Be-Ge Manufacturing Company, Gilroy, Calif. Combination leveler and checker. 2,208,526; July 16.
Gurries, Albert G., assignor to "Be-Ge" Manufacturing and Welding Works, Gilroy, Calif. Leveling scraper. 2,219,477; Oct. 29.
Gurries, Albert G., assignor to "Be-Ge" Manufacturing and Welding Works, Gilroy, Calif. Carrying scraper. 2,219,478; Oct. 29.
Gürtelmeier, Karl, assignor to Langbein-Pfanhauser-Werke Aktiengesellschaft, Leipzig, Germany. Ball polishing drum for mass production articles. 2,209,080; July 23.
Gürtler, Rudolf. (See Hofer, R., and Gürtler.)
Gurwick, Irving, assignor to Shellmar Products Company, Mount Vernon, Ohio. Container and making same. 2,224,017; Dec. 3.
Gurwick, Irving, Mount Vernon, and R. A. Jennings, Pleasant Township, Knox County, assignors to Shellman Products Company, Mount Vernon, Ohio. Electrolytic process for the preparation of printing cylinders. 2,217,015; Oct. 8.
Gury, John B., Jr., Richmond Heights, Mo. Sharpener for cloth cutting machines. 2,220,762; Nov. 5.
Gusmarino, Paul. (See Strocco, G., and Gusmarino.)
Guss, Isadore, Detroit, Mich. Device for putting new toe coverings on shoes. 2,191,230; Feb. 20.
Gussak, William, Jackson Heights, N. Y. Drum. 2,204,987; June 18.
Gustafson, Carl A., Minneapolis, Minn., assignor to Caterpillar Tractor Co., San Leandro, Calif. Road machine. 2,189,286; Feb. 6.
Gustafson, Carl A., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Road machine. 2,189,344; Feb. 6.
Gustafson, Carl A., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Road machine. 2,192,439; Mar. 5.
Gustafson, Carl A., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Road machine. 2,216,314; Oct. 1.
Gustafson, Carl A., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Detachable scarifier tooth. 2,222,071; Nov. 19.
Gustafson, Carl W., assignor to Continental Screw Company, New Bedford, Mass. Self-locking screw, bolt, nut, or the like. 2,226,491; Dec. 24.
Gustafson, Charles J., assignor to Wilson & Bennett Manufacturing Co., Chicago, Ill. Container closure. 2,213,163; Aug. 27.
Gustafson, Gustaf A., Waukegan, Ill., assignor to Cyclone Fence Company. Adjustable grade iron fence. 2,218,953; Oct. 22.
Gustafson, Gustaf A., Waukegan, Ill., assignor to Cyclone Fence Company. Adjustable grade iron fence. 2,218,954; Oct. 22.

Gustafson, Gustaf A., Waukegan, Ill., assignor to The Cyclone Fence Company. Fence hardware. 2,221,477; Nov. 12.
Gustafson, Henry A., Dorchester, assignor to Gillette Safety Razor Company, Boston, Mass. Protected blade. 2,194,281; Mar. 19.
Gustafson, Hjalmer C., Denver, Colo., assignor to Gardner-Denver Company, Quincy, Ill. Water valve for rock drills. 2,215,217; Sept. 17.
Gustavson, Alvin N., Jamestown, N. Y., assignor to Automatic Voting Machine Corporation. Voting machine. 2,189,951; Feb. 13.
Gustavson, Alvin N., Jamestown, N. Y., assignor to Automatic Voting Machine Corporation. Voting machine. 2,217,980; Oct. 15.
Gustin-Bacon Manufacturing Company. (See Brelsford, J O, and Conlon, assignors.)
Gustin-Bacon Manufacturing Company. (See Hall, Jesse E., assignor.)
Gustin, Daniel S. (See Bonney, A., Jr., and Gustin.)
Gustin, Daniel S., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Method and machine for sealing vitreous vessels. 2,215,100; Sept. 17.
Gustin, Robert, Boston, Mass. Garment hanger. 2,191,714; Feb. 27.
Gustine, Harley D., Fort Lauderdale, Fla. Concrete building block. 2,202,764; May 28.
Gustke, William J., Parkersburg, W. Va. Insect catcher. 2,191,126; Feb. 20.
Gustowski, Thaddeus, Hamtramck, Mich. Utility case. 2,227,342; Dec. 31.
Gutelius, Thomas O. (See Clark, Paul A., assignor.)
Guterman, Abraham S., et al. (See Finn, William, assignor.)
Guterman, Harry N., et al. (See Finn, William, assignor.)
Gutermuth, Frederick B., Milwaukee, Wis. Hosiery display form. 2,219,773; Oct. 29.
Guth, Arthur E., Bangor, Maine. Air circulating device. 2,190,945; Feb. 20.
Guth, Charles G., Baltimore, Md. Uncrystallizable sugar and making the same. 2,187,122; Jan. 16.
Guth, Durward O., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Bonding adhesive for an abrasive article such as sandpaper. 2,202,765; May 28.
Guth Stern & Co. (See Nyden, Robert, assignor.)
Guthman, Edwin I., & Co. Inc. (See Glerum, Irvin L., assignor.)
Guthmann, Eugene Y., Philadelphia, Pa. Fluid control device. 2,211,058; Aug. 13.
Guthmann, Walter S. (See Lyons, W. E., and Guthmann.)
Guthmann, Walter S., assignor to Leo Corporation, Chicago, Ill. Stabilized solutions of metal organic compounds and making the same. 2,197,498; Apr. 16.
Guthrie, Bernard M., assignor to Fairbanks, Morse & Co., Chicago, Ill. Control system for heating apparatus. 2,222,662; Nov. 26.
Guthrie, Bernard M., assignor to Fairbanks, Morse & Co., Chicago, Ill. Stoker. 2,225,215; Dec. 17.
Guthrie, Carl P., Cleveland, Ohio, and F. H. Loftus, Mount Lebanon, Pa. Regenerator and operation. 2,224,344; Dec. 10.
Guthrie Ceramic Labelling & Machinery Co. (See Shurley, Frederick, assignor.)
Guthrie, George G., Tulsa, Okla. Automatic pressure release. 2,185,461; Jan. 2.
Guthrie, George G., Tulsa, Okla. Tire indicator. 2,205,168; June 18.
Guthrie, James M. (See Lee, L. H., and Guthrie.)
Guthrie, John D., Yonkers, assignor to Standard Brands Incorporated, New York, N. Y. Product and process for its production. 2,216,173; Oct. 1.
Guthrie, John D., Yonkers, assignor to Standard Brands Incorporated, New York, N. Y. Preparation of carotin decolorizing material. 2,216,174; Oct. 1.
Guthrie, Joseph A., Baltimore, Md. Ornamental tree. 2,188,081; Jan. 23.
Guthrie, Luther L., et al. (See Berg, Henry A., Jr., assignor.)
Guthrie, Robert G., assignor to Peoples Gas By-Products Corporation, Chicago, Ill. Fire extinguishing means. 2,212,735; Aug. 27.
Guthrie, Robert G., assignor to Peoples Gas By-Products Corporation, Chicago, Ill. Adsorptive body and making the same. 2,214,925; Sept. 17.
Guthrie, Robert G., assignor to Peoples Gas By-Products Corporation, Chicago, Ill. Adsorptive unit. 2,215,323; Sept. 17.
Guthrie, Robert G., assignor to Peoples Gas By-Products Corporation, Chicago, Ill. Operating upon one or more constituents of a gaseous medium by adsorption. 2,222,828; Nov. 26.
Guthrie, Robert G., and O. J. Wilbor, assignors to Peoples Gas By-Products Corporation, Chicago, Ill. Desulphurizing gas. 2,214,926; Sept. 17.
Gutmann, Ferdinand, & Co. (See Eisen, Jay B., assignor.)
Gutmann, Ferdinand, & Co. (See Gutmann, Jesse, assignor.)
Gutmann, Jesse, Babylon, assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y. Container closure. 2,188,946; Feb. 6.
Gutmann, Karl. (See Jonas, Willi, assignor.)
Gutsell, Robert S., Phoenix, N. Y. Sanding or polishing wheel. 2,221,173; Nov. 12.
Gutton, Henri, and B. Michel, Paris, France, assignors to Compagnie Generale de Telegraphie Sans Fil. Oscillation generation circuit. 2,219,648; Oct. 29.
Guttzeit, Charles W. (See Blessing, Edgar F., assignor.)
Gutz, E. P. (See More, John D., assignor.)
Gutzmann, Fritz, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Phase modulation indicator. 2,189,896; Feb. 13.
Gutzmann, Fritz, Fichtenau, Kreis Niederbarnim, and E. Schulze-Herringen, Berlin, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Modulation system. 2,189,897; Feb. 13.
Gutzmann, Fritz, Fichtenau, Kreis Niederbarnim, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Interconnecting earthed parts of a circuit arrangement. 2,196,673; Apr. 9.
Guy, Albert E., Mount Vernon, N. Y. Antibacklash attachment for fishing reels. 2,189,952; Feb. 13.
Guy, Frederick M., assignor to Guy and Murton, Incorporated, Detroit, Mich. Motor vehicle. 2,195,647; Apr. 2.
Guy, Frederick M., assignor to Guy and Murton, Incorporated, Detroit, Mich. Universal joint. 2,213,277; Sept. 3.
Guy, Frederick M., assignor to Guy and Murton, Incorporated, Detroit, Mich. Flexibly mounted hanger. 2,227,306; Dec. 31.
Guy and Murton, Incorporated. (See Guy, Frederick M., assignor.)
Guyer, James H., Porterville, Calif. Pulley. 2,212,774; Aug. 27.
Guyer, Lionel W., Virginia, Minn. Damper regulator for dampers of ventilating ducts. 2,217,479; Oct. 8.
Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Garment hanger. 2,213,581; Sept. 3.
Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Collapsible paper box. 2,214,813; Sept. 17.
Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Packaging. 2,214,997; Sept. 17.
Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Garment hanger. 2,219,520; Oct. 29.
Guyler, Albert F. (See Uphill, K. M., and Guyler.)
Guyler, Albert F., and W. H. Boaler, Spondon, near Derby, England, assignors to Celanese Corporation of America. Apparatus for cutting textile materials. 2,197,043; Apr. 16.
Guyton, Robert H., River Forest, assignor to The Brunswick-Balke-Collander Company, Chicago, Ill. Closure for beverage coolers. 2,201,435; May 21.
Guzik, Walter J., Cleveland, Ohio. Absorption cycle refrigerator system. 2,197,303; Apr. 16.
Gwathmey, Lomax, Baltimore, Md., assignor to General Electric Company. Method of and apparatus for controlling temperature. 2,203,526; June 4.
Gwinn, George W., Hewlett, N. Y., and J. W. Leary, Bloomfield, N. J., assignors to International Cigar Machinery Company. Stemmer for tobacco leaves. 2,212,520; Aug. 27.
Gwinn, Joseph M., Jr., Buffalo, N. Y. Aircraft control. 2,187,152; Jan. 16.
Gwinn, Joseph M., Jr., Buffalo, N. Y. Aircraft. 2,198,495; Apr. 23.
Gwinn, Joseph M., Jr., Buffalo, N. Y. Aircraft. 2,198,496; Apr. 23.
Gwinn, Joseph M., Jr., Buffalo, N. Y. Heat exchanger. 2,214,053; Sept. 10.
Gwyn, Childress B., Jr., Highland Park, Ill., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Silver faced contact. 2,199,240; Apr. 30.
Gwyn, James D. (See Ryan, J. D., and Gwyn.)
Gwynn, Albert P., Richmond, Va. Bathtub modernizing shield. 2,199,791; May 7.
Gwynn, Marion H., Leonia, N. J. Actuating catalytic surfaces. 2,191,464; Feb. 27.
Gwynne-Craig, George E. (See Frith, B. M., and Gwynne-Craig.)
Gwynne, Joseph H., Camden, Ohio. Beam scale. 2,201,291; May 21.
Gyldenvand, Hjalmar N., Des Moines, Iowa. Shoe or like rack. 2,213,838; Sept. 3.
Gyproc Products Limited. (See Cavadino, Conrad G. F., assignor.)
Gypsum, Lime and Alabastine, Canada, Limited. (See Thomson, G. M., and Erdeley, assignors.)
Gyr, Joseph. (See Graenacher, C., Gyr, Kaiser, Ackermann and Bruengger.)
Gyr, Joseph, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Metalliferous azo dyestuffs. 2,207,859; July 16.
Gyro-Graphic Corporation, The. (See Rohland, Curt J., assignor.)
Gyro Process Company. (See Alexander, Clive M., assignor.)
H & B American Machine Company. (See Ahlberg, Henry B., assignor.)
H & B American Machine Company. (See Jackson, John F., assignor.)
H & B American Machine Company. (See Martin, Edward L., assignor.)
H & B American Machine Company. (See Perry, John, assignor.)

H & B American Machine Company. (See Repass, George, assignor.)
H & B American Machine Company. (See Repass, G., and Ahlberg, assignors.)
H & B American Machine Company. (See Walsh, Christopher, assignor.)
H & B American Machine Company. (See Walsh, Christopher and S. R., assignors.)
H & B American Machine Company. (See Walsh, Samuel R., assignor.)
H & B American Machine Company. (See Walsh, S. R., and Ahlberg, assignors.)
H. B. Motor Corporation. (See Harper, William, Jr., assignor.)
H & P Spool and Bobbin Company. (See Hambleton, Frederick, assignor.)
H & P Spool and Bobbin Company. (See Hambleton, F., and Prescott, assignors.)
Haadem, Ivar L., Östre Aker, near Oslo, Norway. Sound deadening supporting element for fastening machine members. 2,224,648; Dec. 10.
Haag, Charles J., assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Spectacle and hinge therefor. 2,218,467; Oct. 15.
Haag, Ivan L., and C. A. Vana, Cleveland, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of lactic acid. 2,205,256; June 18.
Haagen, Karl. (See Hagge, W., and Haagen.)
Haag-Streit, Wilhelm, Berne, Switzerland. Instrument support. 2,216,387; Oct. 1.
Haaky Manufacturing Company. (See Mjolsness, Haakon, assignor.)
Haantjes, Johan, and B. D. H. Tellegen, Eindhoven, Netherlands, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Superheterodyne receiving circuit. 2,200,498; May 14.
Haas, Albert A., Macon, Ga. Hot water radiator. 2,196,826; Apr. 9.
Haas, Alvin, Peru, Ill. Woodworking shaper and the like. 2,193,359; Mar. 12.
Haas, Anna M., Chicago, Ill. Back rest for use in a bathtub. 2,200,247; May 14.
Haas, Charles A., Chicago, Ill. Burner for liquid fuel. 2,211,059; Aug. 13.
Haas, Clarence C. (See Kriegbaum, G. M., and Haas.)
Haas, Ernest M. (See Haas, John V. and E. M.)
Haas, Frederick S., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Centerless grinder. 2,199,457; May 7.
Haas, Harold, Belleville, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Electrical apparatus. 2,218,748; Oct. 22.
Haas, Hermann, Remscheid-Lennep, Germany. Suspension loop drying apparatus. 2,218,677; Oct. 22.
Haas, John V. and E. M., Perrysburg, Ohio. Intrarow deplanting mechanism. 2,223,035; Nov. 26.
Haas, Louis W. (See Renner, H. O., and Haas.)
Haas, Lucien L. (See MacKenzie, R. J., and Haas.)
Haas, Lucien L. (See MacKenzie, R. J., Haas, and Starkweather.)
Haas, Lucien L., assignor to MacKenzie Muffler Company, Inc., Youngstown, Ohio. Connector for tubular members. 2,215,101; Sept. 17.
Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Lubricating means for sewing machines. 2,188,683; Jan. 30.
Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe sewing machine. 2,194,897; Mar. 26.
Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Thread cutter for sewing machines. 2,201,969; May 21.
Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Sewing machine. 2,205,383; June 25.
Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Driving and stopping mechanisms. 2,209,455; July 30.
Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Wax thread sewing machine. 2,219,308; Oct. 29.
Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Sewing machine. 2,224,768; Dec. 10.
Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Work channeling device for shoe sewing machines. 2,225,301; Dec. 17.
Haas, Otto R., North Beverly, Mass., assignor to United Shoe Manufacturing Corporation, Borough of Flemington, N. J. Wax thread shoe sewing machine. 2,226,401; Dec. 24.
Haas, Rawley D., Gaffney, S. C. Pipe and tool joint. 2,207,005; July 9.
Haas, Samuel H., Los Angeles, Calif. Valve seat grinding implement. 2,203,142; June 4.
Haas, Samuel H., Los Angeles, Calif. Valve seat grinding implement. 2,203,143; June 4.
Haase, Frank C., La Grange, Ill., and L. W. Young, Scotch Plains, N. J., assignors to Oxweld Acetylene Company. Blowpipe. 2,204,756; June 18.
Haase, Harold R., River Forest, Ill. Tilt gear for Venetian blinds. 2,222,226; Nov. 19.
Haase, Jorgen I., Akron, assignor to Wingfoot Corporation, Wilmington, Del. Apparatus for building tires. 2,208,324; July 16.
Haase, Walter, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Noninductive condenser. 2,223,173; Nov. 26.
Haaser, Lawrence C., Bucyrus, Ohio. Lock mechanism. 2,223,760; Dec. 3.
Haber, David W., New York, N. Y. Handle construction for utensils. 2,197,547; Apr. 16.
Haberland, Gerhardt, Breslau, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Polycyclic condensation products and intermediate products thereof. 2,193,674; Mar. 12.
Haberstumpf, Alfred H. (See Avery, C. W., and Haberstump.)
Haberstumpf, Alfred H., assignor, by mesne assignments, to Bendix Home Appliances, Inc., Detroit, Mich. Support for centrifuges. 2,190,456; Feb. 13.
Haberstumpf, Alfred H., assignor, by mesne assignments, to Bendix Homes Appliances, Inc., Detroit, Mich. Drain assembly for washing machines and the like. 2,199,792; May 7.
Haberstumpf, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Rocker arm. 2,199,914; May 7.
Haberstumpf, Alfred H., assignor, by mesne assignments, to Bendix Home Appliances Inc., Detroit, Mich. Cylinder construction for washing machines or the like. 2,214,131; Sept. 10.
Haberstumpf, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Glass run guide channel. 2,214,328; Sept. 10.
Haberstumpf, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Spring structure. 2,218,708; Oct. 22.
Haberstumpf, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Rocker arm. 2,219,361; Oct. 29.
Habig, William E., Queens Village, N. Y., and P. L. S. Lum, Chatham, assignors to L. A. B. Corporation, Summit, N. J. Hydraulic torque transmission system. 2,198,965; Apr. 30.
Habin, Anthony, Dorchester, Mass. Display lamp. 2,211,749; Aug. 20.
Hablitzel, Harvey F., Long Lake, Wis. Animal feeding means. 2,187,711; Jan. 16.
Haboush, Edward J., New York, N. Y. Fracture reducing and limb lengthening device. 2,198,871; Apr. 30.
Haccius, Rudolf O. A. (See Ruegg, Arthur E., assignor.)
Hack, Harry W., Los Angeles, Calif. Indicating failures in an automotive lighting system. 2,220,100; Nov. 5.
Hack, Harry W., Los Angeles, Calif. Automotive electric lighting system. 2,223,251; Nov. 26.
Hacker, Charles F. (See Dobbins, J., and Hacker.)
Hacker, Francis H., Nutley, N. J. Calculating calendar. 2,191,757; Feb. 27.
Hacker, Oskar, assignor to Steyr-Daimler-Puch A. G., Steyr, Austria. Motor vehicle transmission. 2,189,109; Feb. 6.
Hacker, Owen E., assignor to The Stanley Manufacturing Company, Dayton, Ohio. Method and device for wrapping, packages. 2,188,750; Jan. 30.
Hacklander, Hans, Linden, N. J., and G. Sauer, Berwyn, assignors to Union Special Machine Company, Chicago, Ill. Feeding mechanism for sewing machines. 2,199,663; May 7.
Hacklander, Hans, Tinley Park, and H. J. Le Vesconte, Western Springs, assignors to Union Special Machine Company, Chicago, Ill. Feed mechanism for sewing machines. 2,203,386; June 4.
Hacklander, Hans, Linden, N. J., and G. Sauer, Berwyn, assignors to Union Special Machine Company, Chicago, Ill. Looper mechanism for sewing machines. 2,211,619; Aug. 13.
Hackley, Reginald A., Bala-Cynwyd, Pa., assignor to Radio Corporation of America. Acoustic device. 2,224,909; Dec. 17.
Hackley, Stephen P., Stratford, assignor to The Bridgeport Rolling Mills Company, Bridgeport, Conn. Alloy. 2,185,809; Jan. 2.
Hackney Brothers Body Company. (See Wendt, Herbert C., assignor.)
Hacmac, Edward R., Hollywood, Calif., assignor to Na-Mac Products Company. Beater and mixer. 2,185,846; Jan. 2.
Hacmac, Edward R., assignor to Na-Mac Products Corporation, Hollywood, Calif. Liquid dispensing device. 2,193,232; Mar. 12.
Hadamovsky, Paul, Berlin-Wilmersdorf, Germany. Low temperature carbonizing retort. 2,186,169; Jan. 9.
Hadamovsky, Paul, Berlin-Wilmersdorf, Germany. Apparatus for liquefying gases. 2,194,654; Mar. 26.
Hadaway, Florence S., executrix. (See Hadaway, John B.)
Hadaway, John B. (See Roberts, C., and Hadaway.)
Hadaway, John B., deceased, Swampscott, Mass., F. S. Hadaway, executrix. Fishing rod holder. 2,220,234; Nov. 5.

Hadaway, John B., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Making shoes. 2,189,953; Feb. 13.
Hadaway, John B., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for use in the manufacture of shoes. 2,218,576; Oct. 22.
Hadaway, John B., deceased, by F. S. Hadaway, executrix, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for operating on shoe bottoms. 2,220,235; Nov. 5.
Hadaway, John B., Swampscott, and J. R. O'Brien, Beverly, Mass., assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for operating upon shoe soles. 2,215,501; Sept. 24.
Haddad, George J., H. R. Cox, and W. W. Thomas, Chicago, Ill. Optology. 2,212,597; Aug. 27.
Haddad, Labeeb B., New Haven, Conn., assignor, by mesne assignments, to Entoleter Company, Inc. Voltage control. 2,208,578; July 23.
Haddock, Norman H. (See Coffey, S., Haddock, and Wood.)
Haddock, William F., New Orleans, La. Water heater. 2,218,422; Oct. 15.
Haddock, William O., Los Angeles, Calif. Air turbine carburetor. 2,186,829; Jan. 9.
Haderer Company, The. (See Haderer, O. C., and Klein, assignors.)
Haderer, Otto C., and W. Klein, Milwaukee, Wis., assignors to The Haderer Company. Machine for cleaning space bands. 2,202,654; May 28.
Hadfield, Bertram M., London, England, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Electrical testing apparatus. 2,207,513; July 9.
Hadjeff, Charles V., Portland, Oreg. Liquid fuel burner. 2,198,511; Apr. 23.
Hadler, Bartholdt C. (See Coleman, G. H., and Hadler.)
Hadley Company, Inc., The. (See Domler, Charles A., assignor.)
Hadley Company, The. (See Ingleby, George A., assignor.)
Hadley-Hubbard Company. (See Adams, Harry D., assignor.)
Hadley, Wilfred N., Springfield, Vt. Cloth finishing. 2,197,147; Apr. 16.
Hadsel, Alvah D., Oakland, Calif. Machine for reducing material. 2,192,549; Mar. 5.
Haeberlin, John B., Jr., Hillside, Ariz. Reagent siphon. 2,213,521; Sept. 3.
Haeff, Andrew V., East Orange, N. J., and L. P. Smith, Ithaca, N. Y., assignors to Radio Corporation of America. Electron discharge device. 2,225,447; Dec. 17.
Haeffner, Emil, assignor to Gemex Company, Newark, N. J. Clasp. 2,205,092; June 18.
Haegele, Otto P. (See Basquin, O. H., and Haegele.)
Haegele, Otto P., assignor to United States Gypsum Company, Chicago, Ill. Punching machine. 2,220,236; Nov. 5.
Haehn, Hugo, Finkenkrug, near Berlin, Germany. Production of glycerin by fermentation. 2,189,793; Feb. 13.
Haehnel, Herbert E. (See Gastrich, G., and Haehnel, assignors.)
Haehnel, Herbert E., West Reading, Pa., assignor to Textile Machine Works, Wyomissing, Pa. Safety means for certain knitting machine mechanisms. 2,210,238; Aug. 6.
Haehnel, Herbert E., West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Variable timing action in loop regulating mechanism. 2,220,039; Oct. 29.
Haehnel, Herbert E., West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Knitted fabric and producing the same. 2,223,252; Nov. 26.
Haehnel, Wolfram. (See Herrmann, W. O., and Haehnel.)
Haehnke, Charles, Jersey City, N. J. Vehicle door safety securing appliance. 2,211,928; Aug. 20.
Haertel, Walter G., Minneapolis, Minn. Method and apparatus for removing particles from fur articles and the like. 2,199,372; Apr. 30.
Haesler, John. (See Geier, E. C., and Haesler.)
Haesler, Joseph J., et al. (See Wright, Peter, assignor.)
Haesloop, Charles G., Rocky Point, N. Y. Cart wheel battery. 2,191,651; Feb. 27.
Haessler, Walter M., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Combined folding step, platform, and skirt arrangement. 2,226,717; Dec. 31.
Haffcke, Philip M., Washington, D. C. Static limitation in radio receivers. 2,192,189; Mar. 5.
Haffcke, Philip M., Washington, D. C. Radio decoupling system for excessive amplitudes. 2,199,401; May 7.
Haffcke, Philip M., Washington, D. C. Signal controlled variable impedance for suppresing static. 2,209,330; July 30.
Haffcke, Philip M., Washington, D. C. System for reducing static. 2,212,540; Aug. 27.
Haffcke, Philip M., Washington, D. C. Thermionic device. 2,219,309; Oct. 29.
Haffcke, Philip M., Washington, D. C. Static reduction by signal controlled potentials. 2,221,795; Nov. 19.
Haffner, Hermann, Berlin-Schoneberg, Germany, assignor to F. Elkan, New York, N. Y. Kindler. 2,227,256; Dec. 31.
Haga, Lars, Plummer, Minn. Poultry fountain. 2,200,272; May 14.
Hagan, Arthur S., Butler, Pa., assignor to M. Cornell, Cleveland, Ohio. Method of and apparatus for clay treating. 2,214,671; Sept. 10.
Hagar, Donald, Zanesville, Ohio. Talc containing ceramic composition. 2,213,495; Sept. 3.
Hagar, Earl B. (See Flood, L. W., and Hagar.)
Hagar, Earl B., Chicago, Ill., assignor, by mesne assignments, to G. W. Reed, Greenwich, Conn. Brick press. 2,218,196; Oct. 15.
Hagedorn, Gerhard, Berlin-Halensee, assignor to B. Berghaus, Berlin-Lankwitz, Germany. Electric resistance welding. 2,217,546; Oct. 8.
Hagel, Charles E., Pine Ridge, S. Dak. Safety cut-out switch. 2,222,029; Nov. 19.
Hagelauer, Alfred, Chicago, Ill. Cigar cutter. 2,201,771; May 21.
Hageman, Louis F., assignor to American Sales Book Company, Inc., Niagara Falls, N. Y. Selective separation of continuous interleaved record assembly. 2,221,917; Nov. 19.
Hagemann, John R., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Shaft gland for high temperature steam turbines. 2,212,471; Aug. 20.
Hagemeyer, Henry F., Chicago, Ill. Casting press. 2,192,133; Feb. 27.
Hagemeyer, Henry F., Chicago, Ill., assignor to Castings Patent Corporation. Casting mechanism. 2,186,019; Jan. 9.
Hagemeyer, Henry F., Chicago, Ill., assignor to Castings Patent Corporation. Mold form. 2,197,212; Apr. 16.
Hagemeyer, Henry F., Chicago, Ill., assignor to Castings Patent Corporation. Molding method and apparatus. 2,197,213; Apr. 16.
Hagemeyer, Henry F., Chicago, Ill., assignor to Castings Patent Corporation. Casting press plates. 2,198,497; Apr. 23.
Hagemeyer, Henry F., Chicago, Ill., assignor to Castings Patent Corporation. Apparatus for forming sprue tube sockets. 2,198,498; Apr. 23.
Hagemeyer, Henry F., Chicago, Ill., assignor to Castings Patent Corporation. Molding process. 2,201,037; May 14.
Hagemeyer, Henry F., Chicago, Ill., assignor to Castings Patent Corporation. Drying apparatus and method. 2,201,038; May 14.
Hagemeyer, Henry F., Chicago, Ill., assignor to Castings Patent Corporation. Crucible handling mechanism. 2,205,093; June 18.
Hagemeyer, Henry F., Chicago, Ill., assignor to Castings Patent Corporation. Mold drying method and apparatus. 2,205,650; June 25.
Hagemeyer, Henry F., Chicago, Ill., assignor to Castings Patent Corporation. Mold form. 2,206,034; July 2.
Hagemeyer, Henry F., Chicago, Ill., assignor to Castings Patent Corporation. Mold extractor control. 2,206,459; July 2.
Hagemeyer, Henry F., Chicago, Ill., assignor to Castings Patent Corporation. Mold extractor. 2,214,998; Sept. 17.
Hagen, Arthur H., Globe, assignor of one-half to H. J. Hagen, Alpine, Ariz. Rope clamp. 2,193,407; Mar. 12.
Hagen, Harold F., Wellesley, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Fan system. 2,202,793; May 28.
Hagen, Harry J. (See Hagen, Arthur H., assignor.)
Hagen, Hilmar R., Pottsville, assignor to The Philadelphia & Reading Coal & Iron Company, Reading, Pa. Heating apparatus. 2,210,716; Aug. 6.
Hagen, Hilmar R., Pottsville, assignor to The Philadelphia & Reading Coal & Iron Company, Reading, Pa. Heating apparatus. 2,210,854; Aug. 6.
Hagen, John, St. Louis, Mo. Fish casting rod. 2,216,341; Oct. 1.
Hagen, Ole E., Chicago, Ill. Welder's goggles. 2,187,542; Jan. 16.
Hagen, Wolfgang. (See Wiessner, A., and Hagen.)
Hagenbook, Thurloe M., assignor to International Door Company, Evansville, Ind. Lock for revolving doors. 2,189,712; Feb. 6.
Hagenes, Magnus, Brooklyn, N. Y. Sport vehicle. 2,198,667; Apr. 30.
Häger, Bror O., assignor to Bolidens Gruvaktiebolag, Stockholm, Sweden. Wood impregnating solution. 2,202,579; May 28.
Hager, Charles R., Baltimore, Md., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Titanium oxide pigment and producing same. 2,214,132; Sept. 10.
Hager, Emil F., Richmond Hill, N. Y., assignor, by mesne assignments, to Handi Necktie Machinery Corp. Slip-stitching machine. 2,209,456; July 30.
Hager, Willard L., Oshkosh, Wis. Pressure gauge for pneumatic tires. 2,210,534; Aug. 6.
Hagerman, Gilbert H., Dayton, Ohio, assignor, by mesne assignments, to Societe d'Exploitation des Brevets Moineau, Luxembourg, Luxembourg. Method of and apparatus for forming internal threads in a workpiece. 2,189,867; Feb. 13.
Hagerman, Gilbert H., Dayton, Ohio, assignor, by mesne assignments, to Societe d'Exploitation des Brevets Moineau, Luxembourg, Luxembourg. Apparatus for forming external threads in a workpiece. 2,189,868; Feb. 13.

Hagerty, Howard, et al. (See Upton, Richard C., assignor.)
Haggard, Howard Y., Tyler, Tex. Ice topping device. 2,217,051; Oct. 8.
Haggard, Logan L. (See Doan, C. W., and Haggard.)
Haggard & Marcusson Company. (See Vanderploeg, Henry, assignor.)
Haggart, Harold P., Oregon City, Oreg. Belt reeling device for poultry battery. 2,214,327; Sept. 10.
Hagge, Walter, and H. Bach, Wolfen, Kreis Bitterfeld, Germany, assignors to General Aniline & Film Corporation. Manufacture of indophenol-like compounds of the naphthocarbazole series. 2,219,010; Oct. 22.
Hagge, Walter, Wolfen, Kreis Bitterfeld, and K. Haagen, Dessau in Anhalt, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Sulphur dyes. 2,222,482; Nov. 19.
Haggenmacher, John E., Cranston, assignor to Warwick Chemical Co., West Warwick, R. I. Waterproofing composition and similar emulsion. 2,206,090; July 2.
Haggenmiller, Franz, assignor to K. Haggenmiller, Munich, Germany. Closure for bottles and receptacles. 2,195,698; Apr. 2.
Haggenmiller, Karl. (See Haggenmiller, Franz, assignor.)
Haggerty, Robert F., Square Butte, Mont. Truss. 2,208,579; July 23.
Hagist, Orbin P., Chicago, Ill. Apparatus for mixing gas and liquid. 2,212,598; Aug. 27.
Hagle, George W., Hillsboro, Oreg. Cemetery vase. 2,208,501; July 16.
Haglöf, Nils J. E. (See Tiselius, K. G., and Haglöf.)
Haglund, Gustaf, Storangen at Stockholm, Sweden. Flowerpot. 2,189,982; Feb. 13.
Haglund, Hakon H., assignor to The Western Union Telegraph Company, New York, N. Y. Ocean cable carrier system. 2,193,902; Mar. 19.
Haglund, Ture R., Stockholm, Sweden. Production of low carbon metals and alloys. 2,195,961; Apr. 2.
Haglund, Ture R., Stockholm, Sweden. Refining of silicon alloys. 2,208,974; July 23.
Haglund, Ture R., Stockholm, Sweden. Roasting process. 2,209,331; July 30.
Hagner, Frederick H., San Antonio, Tex., assignor to Archbold-Hagner Instrument Laboratory, Inc. Observation instrument. 2,193,512; Mar. 12.
Hagner, Frederick H., San Antonio, Tex., assignor of one-fifth to Archbold-Hagner Instrument Laboratory, Inc. Visible course and position indicator. 2,205,357; June 18.
Hagner, Frederick H., San Antonio, Tex., assignor to Archbold-Hagner Instrument Laboratory, Inc. Angle determining device. 2,219,990; Oct. 29.
Hagood, Johnson, assignor to Southern Phosphate Corporation, Bartow, Fla. Conditioning superphosphate. 2,198,592; Apr. 30.
Hagopian, Nicholas V., Cleveland, Ohio. Machine for cleaning furs. 2,188,684; Jan. 30.
Hagopian, Serophen G., Wilmette, Ill. Handling bananas. 2,207,731; July 16.
Hagstrom, Carl, New York, N. Y. Transposition keyboard for pianos. 2,213,087; Aug. 27.
Hagstrom, Gotthard, Westville, assignor to The H. B. Ives Company, New Haven, Conn. Casement window operator. 2,219,362; Oct. 29.
Hagstrom, Gotthard, Westville, assignor to The H. B. Ives Company, New Haven, Conn. Window or door fastener. 2,222,293; Nov. 19.
Hague, Floyd T., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper oxidizing furnace. 2,201,580; May 21.
Hague, Harold G., Barnehurst, England, assignor to Provident Trust Company of Philadelphia, Philadelphia, and M. A. Walker, Scranton, Pa., trustees under the will of T. M. Chance, deceased. Apparatus for the separation of materials. 2,222,030; Nov. 19.
Hague, Louis M., Rumson, assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Wave-forming device for buffs. 2,187,602; Jan. 16.
Hague, Robert L. (See Stone, Andrew J., assignor.)
Hahn, Arthur W., Jr., Little Neck, and R. E. Hahn, Floral Park, Long Island, N. Y. Miniature artificial Christmas tree. 2,203,016; June 4.
Hahn, Clarence E. (See Brown, C. A., and Hahn.)
Hahn, Eugene, Brooklyn, N. Y. Vent structure for pipe line conveyers. 2,225,777; Dec. 24.
Hahn, Frederick C., Upper Montclair, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose ethers. 2,190,450; Feb. 13.
Hahn, Frederick C., Upper Montclair, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkyl ethers of cellulose. 2,217,904; Oct. 15.
Hahn, Frederick C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose etherification process. 2,203,869; June 11.
Hahn, Frederick R., Toledo, Ohio. Precision gauge. 2,213,088; Aug. 27.
Hahn, Lewis F., Hatboro, Pa. Apparatus for fabricating flexible shafts. 2,202,580; May 28.
Hahn, Otto W., San Francisco, Calif., assignor to Industrial Research Laboratories, Ltd. Fluid fuel burner device. 2,190,099; Feb. 13.
Hahn, Otto W., San Francisco, Calif., assignor to Industrial Research Laboratories, Ltd. Heat control apparatus. 2,210,404; Aug. 6.
Hahn, Russell E. (See Hahn, Arthur R., Jr., and R. E.)
Hahn, William C., Scotia, N. Y., assignor to General Electric Company. Ultra short wave device. 2,190,515; Feb. 13.
Hahn, William C., Scotia, N. Y., assignor to General Electric Company. Electrical discharge device. 2,220,839; Nov. 5.
Hahn, William C., Scotia, N. Y., assignor to General Electric Company. High frequency apparatus. 2,222,902; Nov. 26.
Hahn, William C., Schenectady, N. Y., assignor to General Electric Company. Ultra-short-wave device. 2,222,901; Nov. 26.
Hahne, George S. (See Walker, R. R., and Hahne.)
Hahnemann, Walter M., Berlin-Marienfelde, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. System for landing airplanes. 2,200,249; May 14.
Hahnemann, Walter M., Berlin-Marienfelde, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. High-frequency cable. 2,210,663; Aug. 6.
Hahnemann, Walter M., Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Antenna system. 2,213,859; Sept. 3.
Hahnemann, Walter M., Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Direction finding system. 2,223,066; Nov. 26.
Hahnemann, Walter M., Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. System for landing aircraft. 2,225,475; Dec. 17.
Hahnemann, Walter M., Berin-Marienfelde, and E. Kramar, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Landing airplanes. 2,196,674; Apr. 9.
Hahnemann, Walter M., and E. Kramar, Berlin, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Radio direction finding system. 2,210,664; Aug. 6.
Hahnemann, Walter M., and C. Jung-Zaeper, Berlin, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Apparatus for determining positions by radio beacons. 2,214,927; Sept. 17.
Hahnemann, Walter M., Berlin-Marienfelde, and E. Kramar, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. System for landing airplanes. 2,215,786; Sept. 24.
Hahnemann, Walter M., Berlin-Marienfelde, and E. Kramar, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. System and method for landing airplanes. 2,217,404; Oct. 8.
Hahnemann, Walter M., Berlin-Marienfelde, and E. Kramar, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Landing airplanes. 2,226,718; Dec. 31.
Haigh, Frederick A., Rugby, England, assignor to General Electric Company. Electric control system. 2,203,527; June 4.
Haigh, Hezekiah. (See Warren, G. B., and Haigh, assignors.)
Haigh, Leslie B. (See Hatton, W., Haigh, and Kozma.)
Haigh, Vaughn, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission synchronizer. 2,221,896; Nov. 19.
Haigh, William H., Oakland Beach, R. I. Portable tool tray. 2,195,366; Mar. 26.
Hailer, Curt, Berlin-Halensee, assignor to "Fides" Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung, Berlin, Germany. Apparatus for the production of rapidly moving ions. 2,215,787; Sept. 24.
Hailes, William D., Brighton, assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,223,103; Nov. 26.
Hailwood, Anthony J. (See Davies, J. S. H., Hailwood, and Todd.)
Hain, George M. (See Carmichael, E. S., and Hain.)
Hain, Malcolm, Montclair, N. J. Manufacture of yarn. 2,197,638; Apr. 16.
Haines, Charles L., assignor of thirty per cent to L. O. Cameron, Seattle, Wash. Automotive brake equalizer. 2,193,360; Mar. 12.
Haines, Donald G., Bloomfield, N. J., assignor to Radio Corporation of America. Electron discharge tube. 2,194,547; Mar. 26.
Haines, Harold L. (See Barrows, A. C., Haines, and Langford.)
Haines, John E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heat system. 2,214,554; Sept. 10.
Haines, John E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,217,680; Oct. 15.
Haines, John E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,218,468; Oct. 15.
Haines, John E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,225,955; Dec. 24.
Haines, John E., Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Pneumatic controller. 2,226,815; Dec. 31.
Haines, John E., and S. W. Nickells, Chicago, Ill., assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,225,956; Dec. 24.

Hainsworth, William R., Larchmont, N. Y., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,196,527; Apr. 9.
Haislip, Albert S., assignor of one-half to F. W. Feuerherd, Fredericksburg, Va. Fun provoking novelty. 2,227,343; Dec. 31.
Hait, James M., Los Angeles, Calif., assignor to Food Machinery Corporation. Liquid seal. 2,193,903; Mar. 19.
Hait, James M., Los Angeles, assignor to Food Machinery Corporation, San Jose, Calif. Fruit processing apparatus. 2,197,377; Apr. 16.
Hait, James M., Los Angeles, Calif., assignor to Food Machinery Corporation. Submersible pump. 2,199,490; May 7.
Hait, James M., Los Angeles, Calif., assignor to Food Machinery Corporation. Open line shaft bearing. 2,208,975; July 23.
Håkansson, Per, Fagersta, Sweden, assignor to National Standard Company, Niles, Mich. Wire treating apparatus. 2,196,662; Apr. 9.
Hake, Carl J. (See Kahn, B. B., and Hake.)
Hake, Donald S. (See Kinzie, C. J., and Hake.)
Hake, William C., St. Louis, Mo. Attachment for sewing machine. 2,197,548; Apr. 16.
Halász, Denes. (See Karlovitz, B., and Halász.)
Halbach, Karl, Dusseldorf, Germany. Producing binding agents. 2,210,367; Aug. 6.
Halberstadt, Bert. (See Lasley, Ursula, assignor.)
Halbert, J. C. (See Nesbitt, J. M., and Andree, assignors.)
Halbig, Paul. (See Beer, L., and Halbig.)
Halbig, Paul, E. Reiter, and F. Stadler, Munich, assignors to Consortium für Elektrochemische Industrie, G. m. b. H., Munich, Bavaria, Germany. Converting acetylene into higher molecular products. 2,216,437; Oct. 1.
Halbig, Paul, and A. Treibs, Munich, assignors to Consortium für Elektrochemische Industrie, G. m. b. H., Munich, Bavaria, Germany. Production of ethers of butenol-1-one-3. 2,217,167; Oct. 8.
Halbrock, Fritz, and W. Baumgardt, Mulheim-on-the-Ruhr, assignors to Deutsche Röhrenwerke Aktiengesellschaft, Dusseldorf, Germany. Producing hollow cast blocks. 2,209,519; July 30.
Haldeman, James F., Martinsville, Ind. Emulsifying aerating device for fish containers. 2,207,514; July 9.
Haldie Nicholson Co. (See Nicholson, Celtic, assignor.)
Hale, Adolph A., Grand Haven, Mich. Tube slotting or punching die. 2,204,273; June 11.
Hale, Andrew, Akron, Ohio. Method and apparatus for subdividing crude rubber. 2,215,435; Sept. 17.
Hale, Charles B., Chicago, Ill., assignor to Gear Specialties, Incorporated. Gear wheel. 2,207,290; July 9.
Hale Fire Pump Co., The. (See Sargent, Richard B., assignor.)
Hale, Frank M., Mexico, D. F., Mexico. Adjustable eraser. 2,192,470; Mar. 5.
Hale, George C., Dover, N. J. Explosive. 2,202,851; June 4.
Hale, James E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Pneumatic tire. 2,203,617; June 4.
Hale, Jesse W., Newton Center, Mass. Change speed system. 2,186,334; Jan. 9.
Hale, Jesse W., Newton Center, Mass. Change speed system. 2,199,993; May 7.
Hale, Jesse W., Newton, Mass. Change speed device and control therefor. 2,210,239; Aug. 6.
Hale, Jesse W., Newton Center, Mass. Change speed device. 2,221,092; Nov. 12.
Hale, Jesse W., Newton, Mass. Change speed device. 2,222,813; Nov. 26.
Hale, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Stabilization of polyvinyl resins. 2,199,992; May 7.
Hale, Randal L. (See King, J. E., and Hale.)
Hale, Stuart G., and C. D. Owens, Chatham, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic core with constant permeability. 2,191,151; Feb. 20.
Hale, William E., Fort Washington, assignor to Beaumont Birch Company, Philadelphia, Pa. Attaching cable for reversing drag scrapers. 2,206,840; July 2.
Hale, William J., Midland, Mich. Production of organic acids. 2,192,288; Mar. 5.
Hale, William J., Midland, Mich. Protective covering for trees. 2,197,929; Apr. 23.
Hale, William J., Midland, Mich. Production of catalytic septa. 2,206,773; July 2.
Haley, Roy V., and A. J. Glazier, Cincinnati, Ohio, and C. Tietig, Covington, Ky. Windshield or the like. 2,189,465; Feb. 6.
Halfen, Frank, et al. (See Brandel, Lewis P., assignor.)
Halford, Frank B., Edgware, assignor to D. Napier & Son Limited, London, England. Friction clutch. 2,209,884; July 30.
Halford, Frank B., Edgware, assignor to D. Napier & Son Limited, London, England. Friction clutch. 2,210,855; Aug. 6.
Halford, Frank B., Edgware, assignor to D. Napier & Son Limited, London, England. Four-stroke cycle internal combustion engine. 2,214,529; Sept. 10.
Halford, Frank B., and E. S. Moult, London, England. Control system for the power units of aircraft. 2,217,364; Oct. 8.
Halford, Frank B., Edgware, and W. H. Arscott, London, assignors to D. Napier & Son Limited, London, England. Gearing for transmitting power. 2,225,863; Dec. 24.
Halfpenny, William S., Baltimore, Md., assignor to Koppers Company, Pittsburgh, Pa. Rod or shaft packing. 2,208,976; July 23.
Halgrimson, Theodore, Fountain, Minn. Digger implement. 2,202,450; May 28.
Halin, Jules E., Drummondville, Quebec, Canada, assignor to Celanese Corporation of America. Device for producing staple fiber yarns from continuous filaments. 2,221,869; Nov. 19.
Hall, Alfred W. (See Davis, N. E., Green, and Hall.)
Hall, Arthur, assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Switch contact. 2,186,638; Jan. 9.
Hall, Arthur, deceased, by H. C. Hall, administrator, assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric switch. 2,226,719; Dec. 31.
Hall, Arthur, and R. E. Jones, New Kensington, Pa. Trolley wire guard. 2,226,225; Dec. 24.
Hall, C. M., Lamp Company. (See Anklam, Charles W., assignor.)
Hall, C. P., Company, The. (See Warner, Arthur E., assignor.)
Hall, Chalmers G., Washington, D. C. Piston packing. 2,186,020; Jan. 9.
Hall, Chester I., Schenectady, N. Y., assignor to General Electric Company. Speed responsive device. 2,206,696; July 2.
Hall, Chester I., and M. A. Edwards, Schenectady, N. Y., assignors to General Electric Company. Heating system. 2,210,758; Aug. 6.
Hall, Clarence A. (See Smith, E. W., and Hall.)
Hall, Clarence A., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Secondary or storage battery. 2,195,211; Mar. 26.
Hall, Clarence A., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Secondary or storage battery. 2,195,212; Mar. 26.
Hall, Clarence D., and E. A. Morse, Pampa, Tex. Hydraulic rod line jack. 2,209,885; July 30.
Hall, Dayle D., Jacksonville, Fla., assignor to Advertising Systems of America, Albany, Ga. Advertising rack for taxicabs and other conveyances. 2,198,727; Apr. 30.
Hall, E. B., et al. (See Ford, Keith, assignor.)
Hall, Earle W. (See Haupt, C. H., and Hall.)
Hall, Earle W., Westfield, N. J., assignor to Standard Oil Development Company. Tank roof. 2,209,399; July 30.
Hall, Edgar Z., Durham, N. C. Wind musical instrument. 2,201,897; May 21.
Hall, Edward H., Chicago, Ill. Safety guard for die presses. 2,185,298; Jan. 2.
Hall, Edwin S., Farmington, Conn. Mechanism for the interconversion of reciprocation and rotation. 2,205,953; June 25.
Hall, Edwin S., New Haven, Conn. Internal combustion engine. 2,216,342; Oct. 1.
Hall, Edwin S., Farmington, Conn. Mechanism. 2,216,343; Oct. 1.
Hall, Edwin S., New Haven, Conn. Internal combustion engine. 2,222,294; Nov. 19.
Hall, Elisha W., Scituate, Mass. Abrading or polishing tool. 2,198,282; Apr. 23.
Hall, Elisha W., Scituate, Mass. Buffing tool. 2,198,283; Apr. 23.
Hall, Elmon L., assignor to Portland Gas & Coke Company, Portland, Oreg. Production of oil gas. 2,217,250; Oct. 8.
Hall, Elwin B., et al. (See Armentrout, Arthur L., assignor.)
Hall, Elwin B., Los Angeles, and A. L. Armentrout, Santa Maria, Calif., assignors to Security Engineering Co. Inc. Device for use in wells. 2,203,595; June 4.
Hall, Elwin B., and A. L. Armentrout, Los Angeles, Calif., assignors, by direct and mesne assignments, to Security Engineering Co. Inc. Method of setting drillable liners in wells. 2,205,119; June 18.
Hall, Eric E., Chicago, Ill. Nut lock. 2,207,121; July 9.
Hall, Eric E., assignor of one-half to O. Johnson and A. Horner, Chicago, Ill., co-partners, doing business as Johnson and Horner. Sash window construction. 2,189,142; Feb. 6.
Hall, Ernest A., and K. R. Bohn, assignors to The Hall Manufacturing Company, Toledo, Ohio. Valve grinding machine. 2,221,918; Nov. 19.
Hall, Ernest E., Morris, Minn. Illuminated tire changing tool. 2,208,883; July 23.
Hall, Floyd N., assignor to W. Gray, St. Louis, Mo. Shoe stretcher. 2,185,765; Jan. 2.
Hall, Frank L., Cincinnati, Ohio. Wheel machining apparatus. 2,213,002; Aug. 27.
Hall, Fred L. (See Hull, G. E., and Christhilf, assignors.)
Hall, Frederick W., assignor to Richards-Wilcox Canadian Company, Limited, London, Ontario, Canada. Door structure. 2,207,148; July 9.
Hall, George E., Kalamazoo, Mich. Music stand. 2,188,602; Jan. 30.
Hall, George R. (See Burcham, W. E., and Hall.)
Hall, George W., Fairfield, Conn. Temporary protective covering for bath tubs. Re. 21,437; Apr. 30.

Hall, George W., Hartford, Conn. Hook. 2,217,052; Oct. 8.
Hall, Guy H. (See Winger, Stover C., assignor.)
Hall, Guy H. (See Winger, S. C., and Loehr, assignors.)
Hall, Harry, et al. (See Rice, E. W., and Buchele, assignors.)
Hall, Harry C., administrator. (See Hall, Arthur.)
Hall, Harry C., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Escapement. 2,227,133; Dec. 31.
Hall, Harry G., Atlanta, Ga. Combination shipping and display container. 2,186,170; Jan. 9.
Hall, Harry G., assignor to M. E. Singerman and E. Arndt, New York, N. Y. Mechanical foot manipulator. 2,186,105; Jan. 9.
Hall, Harry R., Youngstown, Ohio. Walker. 2,198,813; Apr. 30.
Hall, Herbert C. (See Todd, E. T., and Hall.)
Hall, Hermon C. (See Hill, W. H., and Hall.)
Hall, Hollis B., Newton, Iowa. Air conditioning unit. 2,191,885; Feb. 27.
Hall, Homer H., assignor to J. B. Duff, Tulsa, Okla. Tubing catcher. 2,214,196; Sept. 10.
Hall, Horace W., Newton, Mass. Playing racket. 2,201,263; May 21.
Hall, Irving B., Chicago, Ill. Desk construction. 2,188,897; Feb. 6.
Hall, Isaac. (See Smith, T., Woolley, and Hall.)
Hall, James C. (See Child, A. J., Hall, and Stobart.)
Hall, James D., Jr. (See Rogers, J. C., and Hall.)
Hall, James F. (See Williams, R. C., and Hall.)
Hall, Jawn R., and W. P. Falkenberg, Los Angeles, Calif., assignors to Rayolite Rifle Range Company, Chicago, Ill. Electric target machine with reversing target. 2,188,292; Jan. 23.
Hall, Jesse E., Los Angeles, Calif. Well pump. 2,191,380; Feb. 20.
Hall, Jesse E., Los Angeles, Calif. Fluid screen. 2,196,793; Apr. 9.
Hall, Jesse E., Los Angeles, Calif. Stem jammed wedge valve. 2,196,794; Apr. 9.
Hall, Jesse E., Los Angeles, Calif. Well cleaner. 2,220,237; Nov. 5.
Hall, Jesse E., Bakersfield, Calif., assignor to Gustin-Bacon Manufacturing Company, Kansas City, Mo. Casing protector applicator tool. 2,200,716; May 14.
Hall, Joseph M., Chicago, Ill. Desiccating fluid mixtures. 2,188,506; Jan. 30.
Hall, Joseph M., Chicago, Ill. Dehydrating system. 2,216,815; Oct. 8.
Hall, Joseph M., Chicago, Ill. Concentrating and dehydrating apparatus and method. 2,217,547; Oct. 8.
Hall, Joseph M., Chicago, Ill., assignor to Cardwell-Westinghouse Company. Cushion underframe. 2,220,101; Nov. 5.
Hall, Joseph M., Chicago, Ill., assignor, by mesne assignments, to Universal Railway Devices Company. Spring plate. 2,199,339; Apr. 30.
Hall, Joseph M., and H. E. Tucker, Chicago, Ill. Change speed gearing. 2,189,794; Feb. 13.
Hall, Joseph M., and H. E. Tucker, Chicago, Ill. Change speed mechanism. 2,218,530; Oct. 22.
Hall & Kay, Limited. (See Hall, S., and Myers, as signors.)
Hall, Keith W., Ann Arbor, Mich., assignor to Tolco, Inc., Toledo, Ohio. Display counter. 2,211,113; Aug. 13.
Hall, Keith W., assignor to Toledo Scale Company, Toledo, Ohio. Aeration of produce. 2,213,582; Sept. 3.
Hall, Keith W., assignor to Toledo Scale Company, Toledo, Ohio. Insulated cabinet. 2,217,222; Oct. 8.
Hall, Keith W., Ann Arbor, Mich., assignor to Tolco, Inc., Toledo, Ohio. Air conditioned display counter. 2,223,762; Dec. 3.
Hall, Keith W., and D. W. McCready, Ann Arbor, Mich.; said Hall assignor to Tolco, Inc., Toledo, Ohio. Air conditioned display counter. 2,223,761; Dec. 3.
Hall Laboratories, Inc. (See Hall, Ralph E., assignor.)
Hall Laboratories, Inc. (See Lindner, Kurt, assignor.)
Hall Laboratories, Inc. (See Schwartz, Charles, assignor.)
Hall Laboratories, Inc. (See Volz, Anton, assignor.)
Hall, Louis P. (See Cahoon, J. H., Hall, and Peterson.)
Hall, Lloyd A. (See Griffith, C. L., and Hall.)
Hall, Lucius C., Hattiesburg, Miss., assignor to Hercules Powder Company, Wilmington, Del. Resin and process of producing. 2,193,026; Mar. 12.
Hall, Lucius C., Hattiesburg, Miss., assignor to Hercules Powder Company, Wilmington, Del. Producing a resin. 2,221,540; Nov. 12.
Hall Manufacturing Company, The. (See Hall, E. A., and Bohn, assignors.)
Hall & McChesney Inc. (See Cooper, James, assignor.)
Hall & McChesney, Inc. (See Cooper, J., and Baule, assignors.)
Hall, Mitchell A., Fort Thomas, Ky., assignor to Monarch Tool & Mfg. Company, Cincinnati, Ohio. Coin actuated switch. 2,213,651; Sept. 3.
Hall, Nathan I., Elkins, W. Va. Radio transmitter. 2,187,603; Jan. 16.
Hall, Ocie C., Chicago, Ill., assignor to The Barrett Company, New York, N. Y. Surfacing roofing material. 2,211,204; Aug. 13.
Hall, Peter P-G., assignor to The Hall Planetary Company, Philadelphia, Pa. Apparatus for testing cutting tools and the like. 2,226,927; Dec. 31.
Hall, Phil D. (See Bonner, R. W., and Hall.)
Hall Planetary Company, The. (See Hall, Peter P-G., assignor.)
Hall, Preston M., Worcester, Mass. Electrode for spot welding. 2,208,977; July 23.
Hall, Preston M., Worcester, Mass., assignor to American Chain & Cable Company, Inc., New York, N. Y. Electric welding process. 2,218,197; Oct. 15.
Hall, R. C. (See Prince, Gary, assignor.)
Hall, Ralph E., Mount Lebanon, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Abrasive detergent composition. 2,191,199; Feb. 20.
Hall, Ralph E., Mount Lebanon, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Milk of magnesia. 2,193,281; Mar. 12.
Hall, Ralph E., Mount Lebanon, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Radiator cleaning composition and method. 2,215,814; Sept. 24.
Hall, Ralph W., assignor to The Shott Manufacturing Company, Cincinnati, Ohio. Swing or glider. 2,188,004; Jan. 23.
Hall, Renée Y., Mt. Vernon, New York. Fabric construction. 2,222,946; Nov. 26.
Hall, Robert F., Ajo, Ariz. Glass cutting appliance. 2,212,599; Aug. 27.
Hall, Roy W., Berwyn, assignor to The Mantle Lamp Company of America, Chicago, Ill. Bracket for lamps and the like. 2,202,814; June 4.
Hall, Selden H., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Centrifuge for clarifying and standardizing milk. 2,214,831; Sept. 17.
Hall, Sydney, and A. Myers, assignor to Hall & Kay, Limited, Ashton-under-Lyne, England. Air directing device or nozzle for use in ventilating systems. 2,197,614; Apr. 16.
Hall, Thomas C. (See Greenstreet, O. P., and Hall.)
Hall, W. F., Printing Company. (See Nicholas, Harold I., assignor.)
Hall, Warner, Bay City, Mich. Wiping pad. 2,198,164; Apr. 23.
Hall, Wesley F., Matawan, N. J., and G. B. Hogaboom, New Britain, Conn., assignors to Hanson-Van Winkle-Munning Co., Matawan, N. J. Apparatus for electroprocessing. 2,222,839; Nov. 26.
Hall, William A. (See Aldinger, W. W., and Hall.)
Hall, William D., Nahant, Mass., assignor to General Electric Company. Power-factor meter. 2,188,785; Jan. 30.
Hall, William D., Elkins, W. Va. Thermal ammeter. 2,211,773; Aug. 20.
Hall, William D., Elkins, W. Va. Condition-responsive device. 2,225,941; Dec. 24.
Hall, William F., assignor to Sprout, Waldron & Company, Muncy, Pa. Attrition mill. 2,226,429; Dec. 24.
Hall, William J., Detroit, Mich. Molding and fastening means therefor. 2,192,309; Mar. 5.
Hall, William J., assignor to Herron-Zimmers Moulding Company, Detroit, Mich. Manufacturing molding. 2,195,086; Mar. 26.
Hall, William P.-G., Berwyn, C. R. Johnson, Glen Mills, Pa., and R. R. Nydegger, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Bristle feeding machine. 2,225,535; Dec. 17.
Halladay, Calvin L., Jackson, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Vehicle bumper. 2,186,137; Jan. 9.
Hallam, Albert W. (See Bagshaw, C. M., Wilson, and Hallam.)
Hallam, Douglas, Jr., Toronto, Ontario, Canada. Method and apparatus for resonance assurance devices. 2,224,224; Dec. 10.
Hallanger, William N., Detroit, Mich. Connection construction. 2,210,535; Aug. 6.
Hallbauer, Otto, Grantwood, N. J. Illuminating device. 2,218,395; Oct. 15.
Hallbauer, Otto, Grantwood, N. J. Illuminating device for pocketbooks. 2,218,396; Oct. 15.
Hallberg, Andrew, West New York, N. J. Beverage dispensing device. 2,205,761; June 25.
Hallberg, Daniel F. (See Hawley, J. B., Jr., Nelson, Hallberg, and Cannon.)
Hallberg, John E., assignor to All-Steel-Equip Company, Aurora, Ill. Outlet box. 2,211,929; Aug. 20.
Hallden, Frederick G., Bellerose, assignor to Postal Telegraph-Cable Company (New York), New York, N. Y. Multiplex start-stop extension translator. 2,196,069; Apr. 2.
Hallden, Frederick G., Bellerose, assignor to Postal Telegraph-Cable Company (New York), New York, N. Y. Printing telegraph circuit. 2,207,058; July 9.
Hallden, Karl W., Thomaston, Conn. Flying cutting device. 2,201,581; May 21.
Hallden, Karl W., Thomaston, Conn. Flying cutting device. 2,203,260; June 4.
Hallden, Karl W., Thomaston, Conn. Flying cutting device. 2,211,418; Aug. 13.
Hallead, Mervil, assignor to The Karl Kiefer Machine Company, Cincinnati, Ohio. Sealing collapsible tubes. 2,187,516; Jan. 16.
Hallenbeck, Charles V., Denver, Colo. Screen. 2,195,648; Apr. 2.
Hallenbeck, Charles V., Denver, Colo. Road surfacing. 2,201,534; May 21.
Hallenbeck, Charles V., Denver, Colo. Screening apparatus. 2,208,127; July 16.

Hallenbeck, George E., and C. Jobst, assignors to Baker Brothers, Inc., Toledo, Ohio. Adaptable machine tool. 2,187,854; Jan. 23.
Hallenbeck, Richard W., and F. R. Stees, Rochester, N. Y., assignors to General Motors Corporation, Detroit, Mich. Oil burner. 2,195,649; Apr. 2.
Haller, Cyrus W., Marblehead, assignor to Hygrade Sylvania Corporation, Salem, Mass. Contactor base for electric lamps, tubes, and the like. 2,185,981; Jan. 2.
Haller, George L. (See De Armond, J. K., and Haller.)
Haller, Herbert L. J. (See Schechter, M. S., and Haller.)
Haller, John, assignor to J. H. Tool & Machine Works, Detroit, Mich. Hydraulic clutch and brake mechanism. 2,204,589; June 18.
Haller Oven Company. (See Holm, Sven J., assignor.)
Haller, Robert, Riehen, near Basel, and G. Widmer, Basel, Switzerland, assignors, by mesne assignments, to Ciba Products Corporation, Dover, Del. Producing pattern effects on textile fabrics. 2,202,200; May 28.
Hallerberg, Theodore W., Chicago, Ill., assignor, by mesne assignments, to United Specialties Company, Detroit, Mich. Air cleaner. 2,201,650; May 21.
Hallett, James T., Indianapolis, Ind. Expansion joint for concrete pavements. 2,189,861; Feb. 13.
Halley, Joseph, assignor to Halley's Automatic Hydraulic Jack Syndicate, Montreal, Quebec, Canada. Folding automatic hydraulic jack. 2,194,594; Mar. 26.
Halley's Automatic Hydraulic Jack Syndicate. (See Halley, Joseph, assignor.)
Halliburton, Erle P., Los Angeles, Calif., assignor to Halliburton Oil Well Cementing Company. Apparatus for indicating the position of devices in pipes. 2,201,311; May 21.
Halliburton Oil Well Cementing Company. (See Bradshaw, John R., assignor.)
Halliburton Oil Well Cementing Company. (See Halliburton, Erle P., assignor.)
Halliburton Oil Well Cementing Company. (See Henderson, Robert K., assignor.)
Halliburton Oil Well Cementing Company. (See Linville, George R., assignor.)
Halliburton Oil Well Cementing Company. (See O'Donnell, Roland E., assignor.)
Halliburton Oil Well Cementing Company. (See Owsley, William D., assignor.)
Halliburton Oil Well Cementing Company. (See Owsley, W. D., and Shook, assignors.)
Halliburton Oil Well Cementing Company. (See Simmons, John T., assignor.)
Halliburton Oil Well Cementing Company. (See Ziegler, Harry B., assignor.)
Halliday, Thomas W., Los Angeles, Calif. Preparing agar-agar flakes. 2,200,774; May 14.
Halliday, Wayne A. (See Whiteman, C. F., and Halliday.)
Halligan, Clair W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,186,242; Jan. 9.
Hallinan, William W., Dowagiac, Mich. Variable speed pulley. 2,210,976; Aug. 13.
Halliwell, William H., Newark, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of tubing. 2,211,742; Aug. 13.
Hallman, Abram, Oklahoma City, Okla. Signal structure. 2,205,169; June 18.
Hallman, Eldon D., Montreal, Quebec, Canada. Wardrobe suitcase. 2,206,564; July 2.
Hallman, George V., River Forest, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Can body blank preparing method. 2,225,778; Dec. 24.
Hallmark, Clyde E., Camden, N. J., assignor to Radio Corporation of America. Thermionic amplifier. 2,211,010; Aug. 13.
Hallock, Robert L., Larchmont, N. Y. Refrigeration. Re. 21,362; Feb. 20.
Hallock, Robert L., Larchmont, N. Y. Ice tray. 2,197,378; Apr. 16.
Hallock, Robert L., Evansville, Ind. Refrigeration. 2,215,324; Sept. 17.
Hallonquist, Earl G. (See Bass, S. I., and Hallonquist.)
Hallowell, Howard T., assignor to Standard Pressed Steel Co., Jenkintown, Pa. Self-locking setscrew. 2,201,087; May 14.
Hallowell, Howard T., assignor to Standard Pressed Steel Co., Jenkintown, Pa. Power sewing machine table. 2,206,774; July 2.
Hallows, Raymond L., Joplin, Mo., assignor to The Eagle-Picher Lead Company, Cincinnati, Ohio. Refining lead. 2,217,981; Oct. 15.
Hallstream, Henning, Braintree, Mass., assignor, by mesne assignments, to Dexter Folder Company, Pearl River, N. Y. Pickup for sheet feeders. 2,203,261; June 4.
Hallwood, Thomas H., Columbus, Ohio. Fountain type soldering iron. 2,203,299; June 4.
Haloid Company, The. (See Lloyd, Whitten P., assignor.)
Haloid Company, The. (See Sabel, E. R., and Galbrecht, assignors.)
Halpern, Adolf. (See Halpern, Lilli and A.)
Halpern, Lilli and A., Vienna, Austria. Apparatus for the artificial production of climatic remedies for therapeutic treatments. 2,208,291; July 16.
Halpern, William, New York, N. Y. Sanitary dough shaper. 2,186,335; Jan. 9.
Halpin, Abraham, New York, N. Y. Tennis racket cover. 2,197,977; Apr. 23.

Halsey, Norman W., Kew Gardens, N. Y., assignor to Clensel Products, Inc. Liquid dispensing container. 2,212,367; Aug. 20.
Halsey, Norman W., Kew Gardens, N. Y., assignor to Clensel Products, Inc. Detergent dispenser for washing machines. 2,226,096; Dec. 24.
Halstead, Ruth G., New York, N. Y. Umbrella handle for holding rubbers, sandals, or overshoes. 2,220,900; Nov. 12.
Haltenberger, Jules, Ann Arbor, Mich. Independent wheel steering. Re. 21,348; Feb. 13.
Haltenberger, Jules, Ann Arbor, Mich. Automobile hood. 2,188,891; Jan. 30.
Haltenberger, Jules, Ann Arbor, Mich. Suspension means for drive axles. 2,204,988; June 18.
Haltenberger, Jules, Ann Arbor, Mich. Suspension means for drive axles. 2,204,989; June 18.
Haltenberger, Jules, Ann Arbor, Mich. Automobile hood. 2,204,990; June 18.
Haltenberger, Jules, Ann Arbor, Mich. Automobile hood. 2,204,991; June 18.
Halton, Gerald J., Santa Monica, Calif. Card holder. 2,211,653; Aug. 13.
Halvorsen, Arthur L., Staten Island, N. Y. Automobile sleeping compartment. 2,186,584; Jan. 9.
Ham, Charles H., Darlington, S. C. Fireplace boiler. 2,185,665; Jan. 2.
Ham, Garnet P. (See Barnes, R. B., and Ham.)
Ham, Garnet P. (See Barnes, R. B., Ham, and Moore.)
Ham, Garnet P., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Photographic developer. 2,196,901; Apr. 9.
Ham, Garnet P., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Stabilized photographic fixing powder. 2,203,903; June 11.
Ham, Garnet P., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Arc lamp. 2,224,816; Dec. 10.
Ham, Garnet P., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Recovery of silver from spent photographic solutions. 2,205,792; June 25.
Ham, Garnet P., Old Greenwich, and R. B. Barnes, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Aerosol wetting agents in blueprint coatings. 2,209,917; July 30.
Ham, Ralph D., assignor to Products Development Corporation, Chicago, Ill. Hair-waving pad. 2,220,329; Nov. 5.
Hamachek, Frank, Jr., assignor to Frank Hamachek Machine Company, Kewaunee, Wis. Feeder for pea viners. 2,187,026; Jan. 16.
Hamachek, Frank, Machine Company. (See Hamachek, Frank, Jr., assignor.)
Hamalainen, Lillian, Virginia, Minn. Overshoe. 2,188,603; Jan. 30.
Hamann, Henry C., Omaha, Nebr. Air humidifying and moistening system. 2,212,418; Aug. 20.
Hamann, Henry J., and C. B. Williams, Jr., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Edge grinding apparatus. 2,205,009; June 18.
Hamann, William, Irondequoit, N. Y., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Edge setting machine. 2,185,504; Jan. 2.
Hamant, Edward W. (See Casto, L. V., von Webern, and Hamant.)
Hamant, Edward W., and G. von Webern, Dayton, Ohio, assignors to Oxford Varnish Corporation, Detroit, Mich. Decorating machine. 2,202,692; May 28.
Hamblen, Charles G., Pittsburgh, Pa. Stereotype matrix rack and drier. 2,222,227; Nov. 19.
Hamblen, Jennings B. (See Broderson, H. J., Rogers, and Hamblen.)
Hambleton, Frederick, Methuen, Mass., assignor to H & P Spool and Bobbin Company. Feed for machines for placing rings on bobbins. 2,214,814; Sept. 17.
Hambleton, Frederick, Methuen, and W. T. Prescott, Andover, Mass., assignors to H & P Spool and Bobbin Company. Spool driving mechanism. 2,219,868; Oct. 29.
Hamblin, Clyde M., Washington, D. C. Construction of ventilating fans. 2,225,398; Dec. 17.
Hamblin, Ed, assignor of one-third to M. B. Aldridge and one-third to L. D. Hart, Woodward, Okla. Match holder. 2,216,492; Oct. 1.
Hambly, Allen E., Los Angeles, assignor to Byron Jackson Co., Huntington Park, Calif. Pumping apparatus. 2,186,970; Jan. 16.
Hambly, Allen E., Los Angeles, assignor to Byron Jackson Co., Huntington Park, Calif. Pumping apparatus. 2,204,854; June 18.
Hamburger, Frey, Orange, N. J., now by judicial change of name F. Hardwick, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone substation apparatus. 2,190,467; Feb. 13.
Hamburger, Lodewijk, Scheveningen, Netherlands. Preparation containing calcium compounds. 2,198,165: Apr. 23.
Hamel, Edmund, Siegmar-Schonau, near Chemnitz, Germany. Method and device for separating and uniting artificial fibrous structures to form a connected fibrous band. 2,205,036; June 18.
Hamel, Edmund, Siegmar-Schonau, near Chemnitz, Germany. Drum. 2,212,775; Aug. 27.

Hamel, Edmund, Siegmar-Schonau, near Chemnitz, Germany. Movable carrier for winding bobbins in winding frames. 2,212,776; Aug. 27.
Hamel, Edmund, Siegmar-Schonau, near Chemnitz, Germany. Spindle bearing. 2,219,840; Oct. 29.
Hamel, Edmund, Siegmar-Schonau, Germany. Apparatus for producing staple fiber. 2,227,186; Dec. 31.
Hamer, Frances M., Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. Process for preparing dicarbocyanine dyes. 2,218,450; Oct. 15.
Hamer, Leland S., Long Beach, assignor of one-fourth to P. A. Dewhirst, Los Angeles, Calif. Valve device. 2,203,989; June 11.
Hamer, Leland S., Long Beach, assignor of one-fourth to P. A. Dewhirst, Los Angeles, Calif. Line blind. 2,214,959; Sept. 17.
Hamer, William E. (See Mather, E., and Hamer.)
Hamersley Manufacturing Company, The. (See Thor, Nils G., assignor.)
Hamill, Ret O., Elmhurst, N. Y. Indicating apparatus. 2,207,732; July 16.
Hamilton, Andrew C., Jr., Dallas, Tex., assignor to United States Gypsum Company, Chicago, Ill. Sealing earth formations. 2,191,652; Feb. 27.
Hamilton, Andrew C., Jr., Dallas, Tex., assignor to United States Gypsum Company, Chicago, Ill. Sealing openings in the earth. 2,210,545; Aug. 6.
Hamilton, Asa D., Niles, Mich. Target apparatus. 2,199,701; May 7.
Hamilton, Charles E., Sr., Hollywood, Calif. Apparatus for preparing flatwork for ironing. 2,220,102; Nov. 5.
Hamilton, Charles E., Hollywood, Calif., assignor to The American Laundry Machinery Company, Norwood, Ohio. Fabric treating element. 2,199,157; Apr. 30.
Hamilton, Claude P., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,198,477; Apr. 23.
Hamilton, Cliff S., Lincoln, Nebr., assignor to Parke, Davis & Company, Detroit, Mich. Organic arsenic compounds and obtaining the same. 2,202,733; May 28.
Hamilton, Cliff S., Lincoln, Nebr., assignor to Parke, Davis & Company, Detroit, Mich. Amino alkanoloxy aryl arseno compound. 2,224,387; Dec. 10.
Hamilton Development Corporation. (See Hamilton, Wallace, assignor.)
Hamilton, Everett R., assignor to National Pressure Cooker Company, Eau Claire, Wis. Pressure cooker. 2,225,448; Dec. 17.
Hamilton Foundry and Machine Company, The. (See Judge, Joseph D., assignor.)
Hamilton, Francis C., Columbia, Ill., assignor of one-half to L. R. Schuessler, St. Louis, Mo. Sipper. 2,192,036; Feb. 27.
Hamilton, Francis C., Columbia, Ill., assignor of one-half to L. R. Schuessler, St. Louis, Mo. Sipper. 2,192,037; Feb. 27.
Hamilton, Frank E., Scarsdale, N. Y. Mixing valve. 2,199,129; Apr. 30.
Hamilton, Georg M. (See Brazier, L. G., Hamilton, and Vincent.)
Hamilton, Glen W., Kansas City, and V. H. Rowlett, St. Louis, Mo. Wrench. 2,218,313; Oct. 15.
Hamilton, J. V. (See Dodds, Dan L., assignor.)
Hamilton, James H., Burbank, assignor to Western Precipitation Corporation, Los Angeles, Calif. Dust collector. 2,204,590; June 18.
Hamilton, James H., Cumberland, Md. Umbrella support. 2,223,253; Nov. 26.
Hamilton, Joe W., and J. K. Asder, Los Angeles, Calif. Switch. 2,215,788; Sept. 24.
Hamilton, John H., and D. B. Nicholson, Raleigh, N. C. Washing machine. 2,202,344; May 28.
Hamilton, John R. (See Lowe, E. A., and Hamilton.)
Hamilton, John W., Rochelle Park, N. J. Clock. 2,208,366; July 16.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Sputum cup. 2,218,002; Oct. 15.
Hamilton, Lawrence H. (See Reum, W., and Hamilton.)
Hamilton, Lyle A. (See Fuller, E. W., and Hamilton.)
Hamilton, Lyle A., Wenonah, and E. W. Fuller, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Stabilized mineral oil composition. 2,193,331; Mar. 12.
Hamilton Manufacturing Company. (See Froelich, George E., assignor.)
Hamilton Manufacturing Company. (See Merrett, E. E., and Koch, assignors.)
Hamilton Metal Products Company, The. (See Piker, Louis M., assignor.)
Hamilton, Mettie A., Cheriton, Va. Brush. 2,198,339; Apr. 23.
Hamilton National Bank of Chattanooga. (See Morin, L. O., Jr., and Shelton, assignors.)
Hamilton, Richard L. (See Baker, C. A., Dockerty, and Hamilton.)
Hamilton, Roy, and R. Hudson, Merced, Calif. Ice-cream freezer for electrical refrigerators. 2,200,273; May 14.
Hamilton, Sam, Upper Darby, Pa. Ice skate. 2,216,438; Oct. 1.
Hamilton, Wallace, Plainfield, N. J., assignor to Hamilton Development Corporation, Wilmington, Del. Electrically controlled shedding mechanism for looms. 2,204,891; June 18.
Hamilton Watch Company. (See Lodge, Alvin, assignor.)
Hamilton, William F., Altadena, assignor of one-half to W. R. Allen, Los Angeles, Calif. Nozzle. 2,186,804; Jan. 9.
Hamlett, Kenneth B. (See Wise, Sailor E., assignor.)
Hamley, Lester H., Pendleton, Oreg. Saddletree and rigging therefor. 2,207,982; July 16.
Hamlin, Marston L., Lynbrook, assignor to The Barrett Company, New York, N. Y. Machine for wrapping pipes. 2,191,316; Feb. 20.
Hamlin, Mervil. (See Hawkinson, Sverre J., assignor.)
Hamlin, Walter E., assignor to The Cleveland Shopping News Company, Cleveland, Ohio. Delivery control. 2,202,420; May 28.
Hamlink, Lazenby C., Cleveland Heights, assignor to The Gas Machinery Company, Cleveland, Ohio. Furnace. 2,219,894; Oct. 29.
Hamm, Alexander L. (See Rosencrants, F. H., and Hamm.)
Hamm, Alexander L., assignor to Combustion Engineering Company, Inc., New York, N. Y. Apparatus for the recovery of heat and chemicals from black liquor. 2,196,496; Apr. 9.
Hamm, Edward C. (See Shaffer, D. U., Hobbs, and Hamm.)
Hamm, Edward C., Norwalk, Calif. Straight pull tool jar. 2,199,969; May 7.
Hamm, James I., Fairfield, assignor, by mesne assignments, to Bridgeport Fabrics, Inc., Bridgeport, Conn. Door weather strip. Re. 21,337; Jan. 30.
Hammack, George W., Richmond, Va. Pneumatic separator. 2,203,959; June 11.
Hammarbach, Robert W., assignor to American Automatic Devices Co., Chicago, Ill. Reflector. 2,214,369; Sept. 10.
Hammarlund Manufacturing Company, The. (See Oram, Donald K., assignor.)
Hammel, Victor F., Richmond Hill, N. Y. Electrical insulator. 2,191,152; Feb. 20.
Hammell, Kemper M., assignor to The Swartzbaugh Manufacturing Company, Toledo, Ohio. Cover operating means for receptacles. 2,209,693; July 30.
Hammer, Bernard D., Whittier, Calif. Sound recording. 2,215,925; Sept. 24.
Hammer, Bernard W. (See Werkman, C. H., and Hammer.)
Hammer-Bray Company. (See Leonard, Joseph E., assignor.)
Hammer-Bray Company. (See Leonard, J. E., and Hammons, assignors.)
Hammer, Charles, Garden City, N. Y. Making container caps or closures. 2,191,989; Feb. 27.
Hammer, Forrester L., assignor to Malleable Iron Fittings Company, Branford, Conn. Oil burner. 2,222,031; Nov. 19.
Hammer, Nathan, New York, N. Y. Time indicating mechanism. 2,202,581; May 28.
Hammer, Otto, assignor to Security Engineering Co., Inc., Whittier, Calif. Well pipe joint. 2,196,966; Apr. 9.
Hammer, Otto, assignor to Security Engineering Co., Inc., Whittier, Calif. Cementing wells. 2,207,345; July 9.
Hammer, Richard. (See Hurst, M., Hammer, and Raithelhuber.)
Hammer, Samuel, assignor to United Metal Box Co., Inc., Brooklyn, N. Y. Apparatus for manufacturing Venetian blinds. 2,211,620; Aug. 13.
Hammer, Samuel, assignor to United Metal Box Co., Inc., Brooklyn, N. Y. Filler strip. 2,217,365; Oct. 8.
Hammer, Wilhelm, Augsburg, Germany. Quick releasing chuck. 2,189,002; Feb. 6.
Hammerly, Herman J., New Britain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Enclosed switch. 2,198,593; Apr. 30.
Hammerly, Herman J., New Britain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Terminal clamp for electric fuses, etc. 2,199,793; May 7.
Hammerly, Herman J., New Britain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric switch. 2,209,918; July 30.
Hammerly, Herman J., New Britain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric switch. 2,213,124; Aug. 27.
Hammer-Purgstall, Arthur, Vienna, Germany. Propelling pencil with lead sharpening means. 2,198,384; Apr. 23.
Hammerschmid, Herbert. (See Frankenburger, W., Hammerschmid, and Roessler.)
Hammerschmidt, Carl. (See Goldschmid, R., and Hammerschmidt.)
Hammerstrom, John. (See Aaron, H., and Hammerstrom.)
Hammes, John W., Racine, Wis. Garbage disposal apparatus. 2,225,171; Dec. 17.
Hammesfahr, Charles, New York, N. Y. Ventilator. 2,222,838; Nov. 26.
Hammick, Walter, assignor of one-third to J. F. Klaner, Jr., and one-third to A. Besse, Pittsburgh, Kans. Gas heater. 2,200,169; May 7.
Hammon, Raymond A., and J. S. Winnefeld, Indianapolis, Ind. Radially demountable rotatable element. 2,205,195; June 18.
Hammond, Burnham C., Hartford, Mich. Traffic signal. 2,188,604; Jan. 30.

Hammond, Charles A., Alden, N. Y. Radiator. 2,203,904; June 11.
Hammond, Charles F., assignor to Gemmer Manufacturing Company, Detroit, Mich. Direction signal switch. 2,216,881; Oct. 8.
Hammond, Elmer H., Southport, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Temperature responsive instrument. 2,201,039; May 14.
Hammond, Frank, Boonton, and L. B. Root, Mountain Lakes, N. J. Toy. 2,219,311; Oct. 29.
Hammond, Frederick, Charleston, W. Va. Food product and its preparation. 2,205,094; June 18.
Hammond Instrument Company. (See Curtis, Westley F., assignor.)
Hammond Instrument Company. (See George, Thomas J., assignor.)
Hammond Instrument Company. (See Hammond, L., and Meinema, assignor.)
Hammond Instrument Company. (See Meinema, Herbert E., assignor.)
Hammond Instrument Company. (See Stephens, G. H., and Sussin, assignors.)
Hammond Iron Works. (See Cole, William S., assignor.)
Hammond Iron Works. (See Walker, Henry O., assignor.)
Hammond, John H., Jr. (See Pfister, Arthur, assignor.)
Hammond, John H., Jr. (See Purington, Ellison S., assignor.)
Hammond, John H. Jr., Gloucester, Mass. Navigational guide system. 2,194,548; Mar. 26.
Hammond, John H., Jr., Gloucester, and G. A. Colley, Newton Center, Mass.; said Colley assignor to said Hammond. Variable pitch propeller control. 2,211,774; Aug. 20.
Hammond, John H., Jr. (See Purington, Ellison S., assignor.)
Hammond, John V., Spangler, assignor of one-fourth to J. F. Foreman, Elmore, Pa. Scooter sled. 2,206,035; July 2.
Hammond, John W., assignor to Bendix Radio Corporation, Baltimore, Md. Variable inductance device. 2,220,446; Nov. 5.
Hammond, John W. and R. B. Edwards, Baltimore, Md., assignors to Bendix Radio Corporation. Radio transmitter. 2,186,068; Jan. 9.
Hammond, Laurens, Chicago, Ill. Broadcasting. 2,199,702; May 7.
Hammond, Laurens, Chicago, Ill. Musical instrument. 2,203,569; June 4.
Hammond, Laurens, Chicago, Ill. Reverberation apparatus. 2,211,205; Aug. 13.
Hammond, Laurens, Chicago, Ill. Electrical musical instrument. 2,214,764; Sept. 17.
Hammond, Laurens, Chicago, Ill. Electrical musical instrument. 2,216,513; Oct. 1.
Hammond, Laurens, Chicago, Ill. Electrical musical instrument. 2,224,729; Dec. 10.
Hammond, Laurens, and H. E. Meinema; said Meinema assignor to Hammond Instrument Company, Chicago, Ill. Electrical musical instrument. 2,221,188; Nov. 12.
Hammond, Lonnie. (See Dunn, Thomas J., assignor.)
Hammond, Philip D., Metuchen, and R. W. Harris, Woodbridge Township, Middlesex County, N. J., assignors to Heyden Chemical Corporation, New York, N. Y. Preparation of 4-chlor-4'-diethylamino benzophenone. 2,223,517; Dec. 3.
Hammond, William A., Yellow Springs, Ohio. Drying agent and making and using the same. 2,203,144; June 4.
Hammons, Charles T. (See Leonard, J. E., and Hammons.)
Hamnett, Samuel A., Los Angeles, Calif. Grinding apparatus. 2,203,262; June 4.
Hamon, Albert W., Skedee, Okla. Mechanical pitchfork. 2,201,088; May 14.
Hampel, Clifford A., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Bleaching pulp. 2,195,302; Mar. 26.
Hampel, Theodore T., assignor of one-half to E. J. Shea, Cohoes, N. Y. Washing and sterilizing machine. 2,216,388; Oct. 1.
Hamprecht, Guenther, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Decomposition of nickel-copper matte. 2,186,293; Jan. 9.
Hamprecht, Guenther, and G. Pauckner, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Precipitation of copper. 2,189,263; Feb. 6.
Hamprecht, Guenther, L. Schlecht, and G. Trageser, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Separation of nickel and copper. 2,223,239; Nov. 26.
Hampton Company. (See McConnell, Thomas, assignor.)
Hampton, Isaac M., Nilwood, Ill. Fishing float attachment. 2,223,823; Dec. 3.
Hampton, John H., Oaklyn, N. J., assignor to Beaumont Birch Company, Philadelphia, Pa. Remote controlled movable tail block. 2,190,919; Feb. 20.
Hampton, Weldon O., assignor to The Delta Star Electric Company, Chicago, Ill. Connector. 2,216,344; Oct. 1.
Hampton, Weldon O., Chicago, A. E. Nessler, Evanston, and R. C. Wenz, Western Springs; said Hampton and said Nessler, assignors to Delta-Star Electric Company, Chicago, Ill. Counting control system. 2,186,922; Jan. 9.
Hamrick, Lyman, Gaffney, S. C. Cloth marking apparatus. 2,209,520; July 30.
Hamring, Per E., Kvarnholmen, Sweden. Hulling oats and like kinds of grain. 2,217,112; Oct. 8.
Hamrock, Frank J., and E. L. Simonson, Homestead, Pa. Gas mixer. 2,195,956; Apr. 2.
Hanahan, Marion L., Wilmington, and R. M. McKinney, Roselle, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Titanium pigment and producing the same. 2,212,935; Aug. 27.
Hanahan, Marion L., Wilmington, Del., and J. D. Prince, Linthicum Heights, Md., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Pigment milling process. 2,214,815; Sept. 17.
Hanawalt, Joseph D. (See McDonald, J. C., and Hanawalt.)
Hanawalt, Joseph D., and J. C. McDonald, assignors to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,221,245; Nov. 12.
Hanawalt, Joseph D., and J. C. McDonald, assignors to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,221,248; Nov. 12.
Hanawalt, Joseph D., and J. C. McDonald, assignors to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,221,250; Nov. 12.
Hanawalt, Joseph D., and J. C. McDonald, assignors to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,221,253; Nov. 12.
Hanawalt, Joseph D., and J. C. McDonald, assignors to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,221,254; Nov. 12.
Hance, Lawrence W., Philadelphia, and T. E. Herrick, Jr., Lansdowne, Pa. Steam pipe arrangement for articulated locomotives. 2,223,067; Nov. 26.
Hancher, Arthur, East Orange, N. J. Book rest and copy holder. 2,192,574; Mar. 5.
Hanchett Manufacturing Co. (See Hanchett, Ralph V., assignor.)
Hanchett, Ralph V., assignor to Hanchett Manufacturing Co., Big Rapids, Mich. Power operated saw swage. 2,190,920; Feb. 20.
Hancock, Charles M., Wollaston, Mass., assignor to American Telephone and Telegraph Company. Coin collecting apparatus. 2,201,089; May 14.
Hancock Manufacturing Company. (See Marple, Rollo, assignor.)
Hancock, William T., Long Beach, Calif. Refining cracked petroleum distillate. Re. 21,655; Dec. 10.
Hancock, William T., Long Beach, Cal. Vapor phase cracking. 2,186,585; Jan. 9.
Hancock, William T., Long Beach, Calif. Refining pressure distillate. 2,225,172; Dec. 17.
Hand, Frederick E. (See Graham, W. S., and Hand.)
Han-Dee Spring Company, The. (See Gladstone, S. Gilbert, and Bryda, assignors.)
Handel, Charles E., Winterset, Iowa. Expansible earth anchor. 2,217,271; Oct. 8.
Handelman, H. H., et al. (See Hazey, George W., assignor.)
Handelsaktiebolaget Vidar. (See Dillström, Torbjörn V., assignor.)
Handelsvennootschap Onder de Firma Eerhard-Aandewiel. (See Eerhard, J. M. and C., and Aandewiel, assignors.)
Handforth, Stanley L., Wilmington, Del., C. R. Johnson, Glenn Mills, Pa., and G. H. Smith, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Electric blasting initiator. 2,212,118; Aug. 20.
Handi Necktie Machinery Corp. (See Dorkin, Joshua J., assignor.)
Handi Necktie Machinery Corp. (See Hager, Emil F., assignor.)
Handlan, Inc. (See Mann, Leo R., assignor.)
Handler, Charles, et al. (See Greenbaum, Martin, assignor.)
Handler, Koloman, Vienna, Austria, assignor to Messrs. Percy Jones (Twinlock) Limited, Bechenham, Kent, England. Ring book mechanism. 2,198,512; Apr. 23.
Handley Brown Heater Company. (See Handley, Harold E., assignor.)
Handley, Ernest W., Arlington, and W. Segerstrom, Somerville, assignors to Trimount Coin Machine Company, Boston, Mass. Mechanical device. 2,223,284; Nov. 26.
Handley, George F., Glendale, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,196,437; Apr. 9.
Handley, George F., Glendale, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,214,413; Sept. 10.
Handley, Harold E., assignor to Handley Brown Heater Company, Jackson, Mich. Draft control. 2,222,663; Nov. 26.
Handley, John, London, England. Indicator. 2,207,252; July 9.
Handling, Arthur I., Wilmington, Calif., and J. D. MacKnight, Mount Vernon, assignors to The Texas Company, New York, N. Y. Adjustable multiple drill. 2,186,294; Jan. 9.

Handman, Maurice, assignor to A. Weiner, Providence, R. I. Clip brooch assemblage. 2,198,558; Apr. 23.
Handrek, Hans. (See Rath, W., and Handrek.)
Handrick, Erich, Berlin, Germany, assignor to General Electric Company. Cathode ray telautograph. 2,227,083; Dec. 31.
Handwerk, Otto T. (See Spitzglass, A. F., and Handwerk.)
Handy, Arthur E. (See Lindquist, D. L., and Handy.)
Handy Containers, Inc. (See Roth, Ludwig, assignor.)
Handy & Harmon, et al. (See Briggs, Rufus L., assignor.)
Handy & Harman. (See Comstock, Gregory J., assignor.)
Handzelek, Isidore, Elizabeth, N. J. Thread holder. 2,226,430; Dec. 24.
Hanemann, Heinrich, Berlin-Charlottenburg, Germany, assignor to the firm of Carl Zeiss, Jena, Germany. Hardness testing instrument. 2,216,943; Oct. 8.
Haner, Carl. (See Mahler, P., and Haner.)
Haney, Myron L., Chicago, Ill. Ticket delivering and recording machine. 2,204,133; June 11.
Hanff, Fritz, Berlin-Wilmersdorf, and J. Reimann, Wuppertal-Elberfeld, Germany, assignors, by mesne assignments to Trubenizing Process Corporation, New York, N. Y. Textile fabric consisting of a plurality of interwoven layers. 2,195,591; Apr. 2.
Hanford, Harold H. R., Vancouver, British Columbia, Canada. Handled support for cups, glasses, and other containers. 2,194,898; Mar. 26.
Hanford, William E. (See Alderman, V. V., Brubaker, and Hanford.)
Hanford, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Arylo-pyrrolinethione compounds and producing. 2,198,166; Apr. 23.
Hanford, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Secondary thioamides and preparing them. 2,201,170; May 21.
Hanford, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Monomeric polar-substituted thioamides and their preparation. 2,201,171; May 21.
Hanford, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric carbothionamides and preparing the same. 2,201,172; May 21.
Hanford, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cleaving monosaccharides and preparations of lower polyhydric alcohols therefrom. 2,209,055; July 23.
Hanford, William E., and C. O. Henke, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Diamides of aliphatic sulpho- and sulphato-dicarboxylic acids and preparing them. 2,192,906; Mar. 12.
Hanford, William E., and R. S. Schreiber, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Condensing formaldehyde compounds. 2,224,910; Dec. 17.
Hang-Rite Valences, Inc. (See Sladkus, Fred, assignor.)
Hanhart, Walter. (See Straub, F., Hanhart, and Anderau.)
Hanhart, Walter, Riehen, Switzerland, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Polyazo dyestuffs and making same. 2,203,196; June 4.
Hanisch, Franz. (See Roelen, O., and Hanisch.)
Hanitz, Hans T. R., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Machine for scalping metal work pieces. 2,201,173; May 21.
Hanke, Edwin W. F., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,203,300; June 4.
Hanke, Ion G., Oskaloosa, Iowa. Hurdle. 2,191,253; Feb. 20.
Hankins Container Company. (See Krauser, S. A., and (Miessler, assignor).)
Hankins Container Company, The. (See White, Ray T., assignor.)
Hankins, Cyrus. (See Wine, W. E., and Hankins.)
Hankins, Thomas J. (See Iredell, C. V., and Hankins.)
Hanks, Rufus B., Wausa, Nebr. Support for casket lowering apparatus. 2,221,134; Nov. 12.
Hanle, Benjamin W., Elizabeth, N. J., assignor to Eagle Pencil Company. Fountain pen. 2,225,864; Dec. 24.
Hänlein, Walter, Berlin-Haselhorst, Germany, assignor to General Electric Company. Luminescent glass. 2,219,895; Oct. 29.
Hanley, Frank H. (See Borgeson, C. A., Carter, Drake, Groome, and Hanley.)
Hanley, Frank H. (See Cunningham, H. J., Groome, Hanley, and Richards.)
Hanley, Harry C., Grosse Pointe Park, and J. A. Rosenberger, assignors to New Era Sales Machine Company, Inc., Detroit, Mich. Amusement device. 2,212,736; Aug. 27.
Hanley, William, East Orange, assignor to Ferguson Brothers Manufacturing Company, Hoboken, N. J. Table structure and producing the same. 2,191,168; Feb. 20.
Hanlin, Robert A. (See Book, H. B., and Hanlin.)
Hanlon, George W., Darby, Pa. Film fire quenching and minimizing apparatus. 2,188,657; Jan. 30.
Hanly, Benjamin, Oklahoma City, Okla., assignor to Reed Roller Bit Company, Houston, Tex. Drill bit. 2,210,077; Aug. 6.
Hann, George L., Philadelphia, Pa., assignor to United States Gypsum Company, Chicago, Ill. Stabilized gypsum plaster. 2,212,811; Aug. 27.
Hann, Raymond M. (See Hudson, C. S., Richtmyer, and Hann.)
Hanna, Atto N., Newark, N. J. Loose leaf binder. 2,191,886; Feb. 27.
Hanna, Clinton R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulator. 2,186,243; Jan. 9.
Hanna, Clinton R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Speed regulator. 2,189,633; Feb. 6.
Hanna, Clinton R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Voltage regulator. 2,193,130; Mar. 12.
Hanna, Clinton R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Shock absorber. 2,193,591; Mar. 12.
Hanna, Clinton R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Servomotor control. 2,208,421; July 16.
Hanna, Clinton R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Voltage regulator. 2,217,406; Oct. 8.
Hanna, Clinton R., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Centrifugal governor with large anticipation. 2,205,257; June 18.
Hanna, Clinton R., and S. J. Mikina, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Speed governor. 2,189,634; Feb. 6.
Hanna, Clinton R., Pittsburgh, W. O. Osbon, Swissvale, and K. A. Oplinger, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Claw film feeding means. 2,217,405; Oct. 8.
Hanna, Max R., Erie, Pa., assignor to General Electric Company. Railway truck. 2,201,861; May 21.
Hanna, Raymond P., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Trolley fixture. 2,221,581; Nov. 12.
Hanna, Raymond P., Homewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Insulated runner for trolley devices. 2,221,582; Nov. 12.
Hanna, William T., Cincinnati, Ohio. Door housing for locomotive stokers. 2,187,495; Jan. 16.
Hanna, William T., Cincinnati, Ohio. Stoking locomotives. 2,191,653; Feb. 27.
Hanna, William T., Cincinnati, Ohio. Stoker mechanism. 2,192,190; Mar. 5.
Hanna, William T., Cincinnati, Ohio. Crushing conveyer for locomotive stokers. 2,195,815; Apr. 2.
Hanna, William T., Cincinnati, Ohio. Stoker mechanism. 2,210,717; Aug. 6.
Hanna, William T., Cincinnati, Ohio. Apparatus for feeding coal or the like. 2,211,564; Aug. 13.
Hanna, William T., Cincinnati, Ohio. Fuel distributing device. 2,220,864; Nov. 5.
Hanna, William T., Cincinnati, Ohio. Stoker mechanism. 2,223,988; Dec. 3.
Hanna, William T., Cincinnati, Ohio. Stoker. 2,223,989; Dec. 3.
Hannaford, Cleon M., assignor to Unitcast Corporation, Toledo, Ohio. Ladder rung, grab iron, and the like. 2,208,866; July 23.
Hannan, George R. (See Simonsen, I. P., and Hannan.)
Hannen, Clemens, Sinzig-on-the-Rhine, Germany. Treating mineral fibrous substances, such as glass wool, slag wool, or the like. 2,215,150; Sept. 17.
Hanner, George E. (See Anderson, W. B., and Hanner.)
Hanner, George E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Meat keeper. 2,202,808; May 28.
Hanni, Mowry J., Youngstown, Ohio. Toothbrush holder cabinet. 2,209,269; July 23.
Hanno, Tore V., Stockholm, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Separating solids from animal raw material. 2,193,871; Mar. 19.
Hannold, John R., assignor to Animal Trap Company of America, Lititz, Pa. Animal trap. 2,216,911; Oct. 8.
Hannon, Albert H., Springfield, Ohio. Work-piece holder for electroplating machines. 2,187,079; Jan. 16.
Hannum, John A., Cleveland Heights, Ohio, assignor to General Electric Company. Source of ultra violet light. 2,216,237; Oct. 1.
Hano, Edward, Holyoke, Mass. Continuous sheet duplicate form. 2,220,842; Nov. 5.
Hanover Machine Corporation. (See Hesson, Charles M., assignor.)
Hanovia Chemical and Manufacturing Company. (See Laub, Hans, assignor.)
Hans, Edmund E., Detroit, Mich. Apparatus for feeding a plurality of motor fuels. 2,210,536; Aug. 6.
Hans, Martin, Berwyn, Ill. Grille and fender guard for automobiles. 2,190,328; Feb. 13.
Hansburg, George B., Brooklyn, N. Y., assignor to The Frank F. Taylor Company, Norwood, Ohio. Baby walker. 2,220,238; Nov. 5.
Hansch, August C. and H. E., Whippany, N. J. Production of screen negatives. 2,204,080; June 11.

Hansch, Henry E. (See Hansch, August C. and H. E.)
Hanscom, Clarence D., Denville, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,224,677; Dec. 10.
Hansel & Co. Aktiengesellschaft. (See Henschke, Bruno, assignor.)
Hansell, Clarence W. (See Usselman, G. L., and Hansell.)
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Keying system. 2,185,192; Jan. 2.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Signaling system. 2,190,782; Feb. 20.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Lightning arrester. 2,194,145; Mar. 19.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Ultra high frequency oscillator system. 2,196,392; Apr. 9.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Communication. 2,198,248; Apr. 23.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Cathode ray tube detector circuits. 2,202,376; May 28.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Transmission. 2,202,629; May 28.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Antenna. 2,205,358; June 18.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Variable band width receiver. 2,205,762; June 25.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Temperature cycling. 2,205,851; June 25.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency comparison and measurement. 2,207,540; July 9.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Phase modulation receiver. 2,207,541; July 9.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Ultra high frequency oscillation circuits. 2,217,745; Oct. 15.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Oscillation generator. 2,220,956; Nov. 12.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Reduction of undesired emissions of electronic discharge devices. 2,226,720; Dec. 31.
Hansell, Clarence W., Port Jefferson, and G. L. Usselman, Rocky Point, N. Y., and C. W. Latimer, West Orange, N. J., assignors to Radio Corporation of America. Electric condenser. 2,192,062; Feb. 27.
Hansell, Clarence W., and H. E. Goldstine, Port Jefferson, N. Y., assignors to Radio Corporation of America. Balanced radio frequency circuit. 2,223,416; Dec. 3.
Hansen, A. L., Mfg. Co. (See Hansen, Augie L., assignor.)
Hansen, Arthur E., assignor to Young Iron Works, Seattle, Wash. Hook. 2,209,600; July 30.
Hansen, Augie L., assignor to A. L. Hansen Mfg. Co., Chicago, Ill. Tacking and stapling machine. 2,206,460; July 2.
Hansen, Augie L., assignor to A. L. Hansen Mfg. Co., Chicago, Ill. Tacking machine. 2,207,377; July 9.
Hansen, Christ T., Chicago, Ill., assignor to Standard Stoker Company, Incorporated. Locomotive stoker. 2,224,127; Dec. 10.
Hansen, Earl, Mabton, Wash. Rotary screen. 2,223,104; Nov. 26.
Hansen, Edwin C., Auburn, Ala. Demountable rim. 2,193,131; Mar. 12.
Hansen, Einar K. D. (See Gudmand-Høyer, J. V., and Hansen.)
Hansen-Ellehammer, Hans F., Hellerup, Denmark. Production of fire extinguishing foam. 2,201,040; May 14.
Hansen, Elmer K., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protection for controlled atmosphere furnaces. 2,205,258; June 18.
Hansen, Elmer K., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Furnace heating control. 2,214,582; Sept. 10.
Hansen, Elmer K., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Quench chute for heat-treating furnaces. 2,217,441; Oct. 8.
Hansen, Gilbert H. (See Furnas, W. C., and Hansen.)
Hansen, Halfdan C., St. Albans, N. Y. Adjustable clothes pole. 2,192,038; Feb. 27.
Hansen, Hans A., Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,215,697; Sept. 24.
Hansen, Hans S., Halifax, Nova Scotia, Canada. Trawl measuring mechanism. 2,210,759; Aug. 6.
Hansen, Henry C., assignor of one-half to G. Fladoos, Chicago, Ill. Ball propelling and catching toy. 2,224,453; Dec. 10.
Hansen, Herbert, Oak Park, assignor of one-half to Refrigerating Specialties Co., Chicago, Ill. Valve. 2,190,422; Feb. 13.
Hansen, Jacob A., Hampton, Iowa. Handling tool. 2,189,713; Feb. 6.
Hansen, James, Flushing, assignor of one-half to Gustav Drews, Brooklyn, N. Y. Valve. 2,202,852; June 4.
Hansen, Jesper, assignor to Faries Manufacturing Company, Decatur, Ill. Joint for flexible arms. 2,217,407; Oct. 8.
Hansen, John N. (See Smith, F. B., and Hansen.)
Hansen, Klaus L., and A. V. Huennekens, assignors to Harnischfeger Corporation, Milwaukee, Wis. Welding apparatus. 2,195,962; Apr. 2.
Hansen Mfg. Company. (See Hansen, W. L., and Hurst, assignors.)
Hansen, Merrill E., assignor to American Anode, Inc., Akron, Ohio. Method and form for making dress shields. 2,221,135; Nov. 12.
Hansen, Ralph D., Sioux Falls, S. Dak. Delivery truck. 2,205,723; June 25.
Hansen, Richard C. (See Peyser, L. F., and Hansen.)
Hansen, Russell E. (See McCurley, C., and Hansen.)
Hansen, Samuel, San Francisco, Calif. Amusement device. 2,193,282; Mar. 12.
Hansen, Sern L., Northfield, Ohio. Automobile body suspension device. 2,210,288; Aug. 6.
Hansen, Thorwald H., Brighton, Trinidad, British West Indies. Reinforced pile and making the same. 2,189,028; Feb. 6.
Hansen, Thorwald H., Brighton, Trinidad, British West Indies. Preserving wooden piles. 2,195,275; Mar. 26.
Hansen, Walter C., St. Louis, Mo. Garment stretcher and creaser. 2,204,354; June 11.
Hansen, William L., and I. N. Hurst, assignors to Hansen Mfg. Company, Inc., Princeton, Ind. Machine for making laminated pinions. 2,202,693; May 28.
Hansen, William L., and I. N. Hurst, assignors to Hansen Mfg. Company, Inc., Princeton, Ind. Oil trap for motors. 2,219,387; Oct. 29.
Hansen, William L., and I. N. Hurst, assignors to Hansen Mfg. Company, Princeton, Ind. Laminated plate construction for clocks. 2,219,388; Oct. 29.
Hansen, William W. (See Terman, F. E., and Hansen.)
Hansen, William W. (See Webster, D. L., and Hansen.)
Hansen, William W., assignor to The Board of Trustees of The Leland Stanford Junior University, Stanford University, Calif. High efficiency resonant circuit. 2,190,712; Feb. 20.
Hansen, William W., and R. H. Varian, assignors to The Board of Trustees of the Leland Stanford Junior University, Stanford University, Calif. Electrical converter. 2,227,376; Dec. 31.
Hanser, Eugen. (See Hanser, Josef, assignor.)
Hanser, Josef, Weiler, Allgau, Germany, assignor to E. Hanser, New York, N. Y. Ski binding. 2,222,712; Nov. 26.
Hansford, Rowland C. (See Sachanen, A. N., and Hansford.)
Hansley, Virgil L. (See Hulse, R. E., Hansley, and Laughlin.)
Hansley, Virgil L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ester condensation. 2,211,419; Aug. 13.
Hansley, Virgil L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic condensation. 2,218,026; Oct. 15.
Hanslick, Roy S. (See Tuley, W. F., Dewey, and Hanslick.)
Hanson, Arvid N., Hinsdale, and S. F. Warner, Forest Park, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Testing fixture. 2,213,700; Sept. 3.
Hanson, Barney, Miami, Fla. Reglet and counterflashing securing member. 2,219,992; Oct. 29.
Hanson, Carl F., Westfield, assignor to Irvington Varnish & Insulator Co., Irvington, N. J. Sheet insulation material. 2,190,711; Feb. 20.
Hanson, Clifford O., assignor to The Hanson Clutch and Machinery Company, Tiffin, Ohio. Rotary joint. 2,208,292; July 16.
Hanson Clutch and Machinery Company, The. (See Hanson, Clifford O., assignor.)
Hanson & Edwards Limited. (See Burrows, William, assignor.)
Hanson, Elford L., Jr., Athens, Ga. Transposing keyboard. 2,192,077; Feb. 27.
Hanson, Ernest E., Ladysmith, Wis. Safety signal operator. 2,191,381; Feb. 20.
Hanson, Frederick A., Los Angeles, Calif. Partition for sinks. 2,203,052; June 4.
Hanson, Hans A., assignor to Chain Belt Company, Milwaukee, Wis. Change-speed power transmission gearing. 2,202,794; May 28.
Hanson, Hans P., Chicago, Ill. Decorative wreath. 2,227,187; Dec. 31.
Hanson, Harry B., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Apparatus for pouring metal into molds. 2,225,173; Dec. 17.
Hanson, Hartwig M., assignor to The C. M. Kemp Manufacturing Co., Baltimore, Md. Drying printing ink. 2,203,087; June 4.
Hanson, Joseph M. (See Ford, David O., assignor.)
Hanson, Leonard. (See Main, C. E., and Hanson.)
Hanson, Malcolm P., Hyattsville, Md. Electric terminal connection. 2,185,193; Jan. 2.

Hanson, Milton E., Collingswood, N. J., assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Sprayed evaporator. 2,189,731; Feb. 6.
Hanson, Norman D., Bloomfield, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, New York, N. Y. Moldable sheet composition and preparing same. 2,221,945; Nov. 19.
Hanson, Ralph W., Minneapolis, Minn., assignor, by mesne assignments, to Vulcan Manufacturing Co., Inc., St. Paul, Minn. Cleaning and reoiling device for air cleaners. 2,218,880; Oct. 22.
Hanson, Roy E., Wauwatosa, assignor, by mesne assignments, to Marshall & Ilsley Bank, Milwaukee, Wis. Packaging. 2,209,200; July 23.
Hanson, Saml. & Son Limited. (See Bogner, Peter, assignor.)
Hanson-Van Winkle-Munning Company. (See Hague, Louis M., assignor.)
Hanson-Van Winkle-Munning Co. (See Hall, W. F., and Hogaboom, assignors.)
Hanson-Van Winkle-Munning Company. (See Todd, Guerin, assignor.)
Hanson-Van Winkle-Munning Company. (See Todd, Van Winkle, assignor.)
Hanson, Victor F., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electrothermal pyrolysis of carbon-bearing liquids. 2,191,012; Feb. 20.
Hanson, Walter M., assignor to American Seating Company, Grand Rapids, Mich. Chair. 2,226,861; Dec. 31.
Hanson, Wesley T., Jr. (See Evans, R. M., and Hanson.)
Hanssen, Alfred E., Chicago, Ill. Dental matrix instrument. 2,220,103; Nov. 5.
Hansson, Erik O. H., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,203,088; June 4.
Hansson, Erik O. H., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Electric switch. 2,211,815; Aug. 20.
Hansson, Johan A., Trelleborg, Sweden. Apparatus for producing light of variable color effects. 2,194,899; Mar. 26.
Hansson, Oscar, Askim, assignor to Aktiebolaget Motorus, Goteborg, Sweden. Transmission. 2,201,264; May 21.
Hantjopoulos, George, New York, N. Y. Rotary printing press. 2,206,186; July 2.
Hanus, Clarence R., Milwaukee, Wis. Heel saver for shoes. 2,187,621; Jan. 16.
Hanusch, Fritz. (See Dirscherl, W., and Hanusch.)
Haon, Harry J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Leather finish. 2,191,654; Feb. 27.
Haour, Georges, assignor to Societe Algerienne d'Eclairage et de Force, Alger, Algeria. Device for securing electric conductors to an insulator. 2,224,960; Dec. 17.
Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Milking apparatus. 2,199,821; May 7.
Hapman, Henry W., Detroit, Mich. Massage apparatus. 2,226,609; Dec. 31.
Happel, John, Brooklyn, and G. W. Robbins, New York, N. Y., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Hydrocarbon cracking process. 2,226,097; Dec. 24.
Happy Belting Company. (See Butcher, Antis M., assignor.)
Hara, Ei, Yokohama, Japan, assignor to General Electric Company. Electric circuit interrupter. 2,227,134; Dec. 31.
Harbaugh, Lewis D., et al. (See Noss, Robert K., assignor.)
Harberson, Edward M., Los Angeles, Calif. Hand truck. 2,193,283; Mar. 12.
Harbert, Victor H., assignor to Illinois Railway Equipment Company, Chicago, Ill. Hanger bracket replacement. 2,193,592; Mar. 12.
Harbison, Earl J., Schenectady, N. Y. Making pipe fittings. 2,192,471; Mar. 5.
Harbison, George C., Erie, Pa., assignor to General Electric Company. Fastening means. 2,205,259; June 18.
Harbor Plywood Corporation. (See Birmingham, Donald G., assignor.)
Harbor Plywood Corporation. (See Peterson, Andrew B., assignor.)
Harbordt, Carl G., Kansas City, Mo. Freezing pan assembly. 2,189,446; Feb. 6.
Harcourt, Harry S., Erie, Pa. Consistency responsive device. 2,192,039; Feb. 27.
Hard, Herbert G. (See Bannister, Walter F., assignor.)
Hardage, Clarence A., assignor to Crouse-Hinds Company, Syracuse, N. Y. Explosionproof switch housing. 2,194,549; Mar. 26.
Hardeman, J. T., Hat Company. (See Dahlberg, Ernest W., assignor.)
Hardenberg, Jan J., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Device for copying films. 2,199,175; Apr. 30.
Harder, Edwin L., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pilot-channel relaying and communication system. 2,217,480; Oct. 8.
Harder, Karl M. (See Ehrler, T., and Harder.)
Harder, Karl M. (See Pampel, A., and Harder.)
Harder, Karl M., and T. Ehrler, Hamburg, assignors to Bauer & Schaurte, Neuss, Rhine, Germany. Electrical gauge. 2,219,282; Oct. 29.
Harder, Max, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to Jasco, Incorporated. Recovery of fatty acids. 2,216,238; Oct. 1.
Harder, Oscar E., Columbus, Ohio, assignor to Inland Steel Company, Indiana Harbor, Ind. Austenitic steel. 2,215,734; Sept. 24.
Harder, Oscar E., Columbus, assignor, by mesne assignments, to The Globe Steel Abrasive Company, Mansfield, Ohio. Metallic blasting and abrasive material. 2,218,107; Oct. 15.
Harder, Oscar E., and J. T. Gow, Columbus, Ohio, assignors to Alloy Casting Research Institute, Inc., New York, N. Y. Iron-chromium-nickel-carbon-nitrogen heat-enduring alloy steels. 2,223,659; Dec. 3.
Harder Refrigerator Corporation. (See Merrill, Harry L., assignor.)
Hardgrove, Ralph M. (See Moore, W. T., Cassidy, Hardgrove, and Kerr.)
Hardgrove, Ralph M., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Fuel pulverizing apparatus. 2,185,459; Jan. 2.
Hardgrove, Ralph M., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Vapor generator. 2,222,769; Nov. 26.
Hardick, Floyd W. (See Schofield, T. J., and Hardick.)
Hardie, Donald C., Easton, Pa. Tension device for spinning machines. 2,199,591; May 7.
Hardie, Donald E., Finchley, London, England. Apparatus for ascertaining the depth focus of a lens. 2,201,230; May 21.
Hardie Manufacturing Company. (See Vaage, Henry R., assignor.)
Hardie, Thomas, Lancashire, assignor to Imperial Chemical Industries Limited, Westminster, London, England. Manufacture of benzene hexachloride. 2,218,148; Oct. 15.
Hardieck, Walter. (See Wiebecke, W., Moll, and Hardieck.)
Hardin, George F., McKenzie, Tenn. Motor driven fan. 2,190,118; Feb. 13.
Hardina, John, Astoria, N. Y. Change scoop. 2,201,828; May 21.
Harding, Condie E., Peru, Ind. Electric razor head. 2,192,676. Mar. 5.
Harding, Kenneth G. (See Britton, E. C., and Harding.)
Harding, Milo, and H. L. Weigel, Los Angeles, Calif., said Weigel assignor to said Harding. Duplicating machine. 2,214,960; Sept. 17.
Harding, Robert, Jr., Elmsford, N. Y., assignor to National Television Corporation, Wilmington, Del. High definition television apparatus. 2,192,376; Mar. 5.
Harding, Robert, Jr., Elmsford, N. Y., assignor to National Television and Manufacturing Corporation, Wilmington, Del. Multiple scanning system. 2,202,795; May 28.
Harding, William E., Indianapolis, Ind. Communication system. 2,187,829; Jan. 23.
Harding, William G., Whitton, and R. H. Nisbet, Osterley, England, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic steering system for aircraft. 2,201,174; May 21.
Harding, William R., Pittsburgh, and T. C. Fockler, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cross field generator. 2,196,414; Apr. 9.
Hardinge Brothers, Inc. (See Evans, Leigh R., assignor.)
Hardinge Brothers, Inc. (See O'Connell, James R., assignor.)
Hardinge Company. (See Hardinge, Harlowe, assignor.)
Hardinge, Harlowe, assignor to Hardinge Company, Incorporated, York, Pa. Grinding mill. 2,206,477; July 2.
Hardinge, Harlowe, assignor to Hardinge Company, Incorporated, York, Pa. Sedimentation apparatus. 2,226,974; Dec. 31.
Hardman, Albert F., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Blowing agent for sponge rubber. 2,200,473; May 14.
Hardman, Peck & Company. (See Sauerland, Joseph, assignor.)
Hardsocg, Lester C. (See Kittrell, M. J., and Hardsocg.)
Hardsocg Manufacturing Company. (See Kittrell, M. J., and Hardsocg, assignors.)
Hardsocg Wonder Drill Co. (See Mead, Ezra B., assignor.)
Hardwick, Fray. (See Hamburger, Frey.)
Hardwick, Hindle, Inc. (See Hastings, Donald F., assignor.)
Hardwick, Hindle, Inc. (See Holleran, Dominic J., assignor.)
Hardwick, John. (See Browne, C. O., Hardwick, Blythen, and White.)
Hardwick, John, West Drayton, and E. L. C. White, Hillington, England, assignors to Electric & Musical Industries Limited. Thermionic tube modulator. 2,187,782; Jan. 23.
Hardwick, John, West Drayton, R. Blythen, Hayes, and E. L. C. White, Hillington, assignors to Electric & Musical Industries, Hayes, Middlesex, England. Alternating current rectifier. 2,206,091; July 2.

Hardwick, John, West Drayton, and E. L. C. White, Hillingdon, assignors, to Electric & Musical Industries Limited, Hayes, Middlesex, England. Amplifier system. 2,212,203; Aug. 20.
Hardwick, William A., Winona, Minn. Milk bottle attachment. 2,193,366; Mar. 12.
Hardwicke-Etter Company. (See Streun, John A., assignor.)
Hardy, Arthur C., Wellesley, Mass., assignor to Interchemical Corporation, New York, N. Y. Printing plate. 2,190,185; Feb. 13.
Hardy, Arthur C., Wellesley, Mass., assignor to Interchemical Corporation, New York, N. Y. Printing plate. 2,190,186; Feb. 13.
Hardy, Arthur C., Wellesley, Mass., assignor to Interchemical Corporation, New York, N. Y. Color reproduction. 2,193,722; Mar. 12.
Hardy, C. L., Curing Corporation. (See Spikes, Robert L., assignor.)
Hardy, Charles, Pelham Manor, assignor to Hardy Metallurgical Corporation, New York, N. Y. Powder metallurgy. 2,198,612; Apr. 30.
Hardy, Charles, Pelham Manor, assignor to Hardy Metallurgical Company, New York, N. Y. Treatment of phosphorus. 2,200,742; May 14.
Hardy, Charles, Pelham Manor, assignor to Hardy Metallurgical Company, New York, N. Y. Making a composition of phosphorus and metal. 2,200,743; May 14.
Hardy, Clyde. (See Hardy, Edgar J., and C.)
Hardy, Edgar J., and C. Hardy, assignors of ten per cent to A. L. Robinson, and fifty per cent to L. R. Smith and P. Baldwin, Cordell, Okla. Tire deflation indicator. 2,215,120; Sept. 17.
Hardy, Elbert C. (See Martin, C. H., and Hardy.)
Hardy, Frederick S., Spondon, near Derby, England, assignor to Celanese Corporation of America. Shuttle for circular looms. 2,206,952; July 9.
Hardy, Frederick S., London, England, assignor to Celanese Corporation of America. Circular loom. 2,218,608; Oct. 22.
Hardy, Harry, et al. (See Hayden, Roosevelt A., assignor.)
Hardy, James H., Artesia, Miss. Building and curing concrete roofing surfaces. 2,193,233; Mar. 12.
Hardy, James, and R. A. Lloyd, Lowestoft, England. Textile spindle assembly. 2,201,090; May 14.
Hardy, John F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Clicking machine. 2,191,655; Feb. 27.
Hardy, John S., San Jose, Calif. Elevator. 2,190,783; Feb. 20.
Hardy Metallurgical Company. (See Hardy, Charles, assignor.)
Hardy, Russel L., and R. E. Hulse, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Anode for electrolytic cells. 2,194,443; Mar. 19.
Hardy, Vaughn H., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Oil burner control. 2,195,650; Apr. 2.
Hardy, Vernal R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic wool. 2,217,113; Oct. 8.
Hardy, Vernal R., and J. B. Miles, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Thread guide. 2,191,791; Feb. 27.
Hardy, Wilbert E., Crafton, Pa. Chair, table, etc. 2,194,750; Mar. 26.
Hardy, William T., Bay City, Tex. Safety lock for railway switches. 2,205,526; June 25.
Hare, T. G., Company Limited. (See Hare, Terence G., assignor.)
Hare, Terence G., Windsor, Ontario, Canada. Valve. 2,203,684; June 11.
Hare, Terence G., Windsor, Ontario, Canada. Valve seal. 2,204,355; June 11.
Hare, Terence G., Windsor, Ontario, assignor to T. G. Hare Company Limited, Vancouver, British Columbia, Canada. Vehicle power unit. 2,209,457; July 30.
Harford, Charles G., Wollaston, assignor to Arthur D. Little, Incorporated, Cambridge, Mass. Making halohydrin ethers. 2,207,983; July 16.
Harford, Charles G., Wollaston, assignor to Arthur D. Little, Inc., Cambridge, Mass. Recovery of solids from buttermilk. 2,209,694; July 30.
Hargis, Jane D., Chicago, Ill. Garment bag. 2,185,688; Jan. 2.
Hargrave, Fred M., Cedar Rapids, Iowa. Disking device. 2,188,435; Jan. 30.
Hargrave, Fred M., and W. E. Maricle, Cedar Rapids, Iowa. Ice breaking and rotary scarifier device. 2,197,549; Apr. 16.
Hargrave, John T., assignor to Interchemical Corporation, New York, N. Y. Printing on asphaltic compositions. 2,186,756; Jan. 9.
Hargraves, Samuel S. (See Wilford, J. W., and Hargraves.)
Hargreaves, Edward S., Rainhill, and W. J. Clements and W. A. Brown, Eccleston Park, Prescot, and A. Lawrenson, Eccleston, assignors to British Insulated Cables Limited, Prescot, Lancashire, England. Winding wire and other long flexible articles. 2,186,106; Jan. 9.
Hargrett, Wilson W., Wyandotte, Mich. Fishing plug. 2,200,670; May 14.
Hargy, Harry E., Sr., Sycamore Township, Hamilton County, Ohio. Buffing wheel and making it. 2,197,661; Apr. 16.
Hargy, Harry E., Sr., Sycamore Township, Hamilton County, Ohio. Buffing wheel. 2,215,522; Sept. 24.
Harker, George A. (See Erikson, H., and Harker.)
Harker, John R., et al. (See Huey, George W., assignor.)
Harker, Maurice G. (See White, E. L. C., and Harker.)
Harkey, Arlie H. (See Stoddard, Wesley L., assignor.)
Harkins, Henry H., North Providence, R. I., assignor to United States Rubber Company, New York, N. Y. Rubber composition. 2,218,167; Oct. 15.
Harkrader, Carl L., Maplewood, assignor to Welin Davit and Boat Corporation, Newark, N. J. Winch. 2,221,835; Nov. 19.
Harland Engineering Company, The. (See Worobjeff, Nicolas, assignor.)
Harless, Charles A., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Rotary printing press. 2,188,148; Jan. 23.
Harless, Charles R., Beckley, W. Va. Kitchen indicator. 2,219,841; Oct. 29.
Harley, Stanley J., Coventry, England. Shaping and truing the operating surfaces of grinding wheels used for form grinding. 2,220,647; Nov. 5.
Harley, Stanley J., Coventry, England. Ring gauge for splined work. 2,223,889; Dec. 3.
Harley, Stanley J., Coventry, and G. Olah, Birmingham, England. Profile generating mechanism. 2,220,648; Nov. 5.
Harley, Stanley J., Coventry, and G. Olah, Birmingham, England. Circular indexing mechanism. 2,223,888; Dec. 3.
Harlow, Earl V. (See Shively, W. L., and Harlow.)
Harm, Frank M., Rochester, N. Y. Check valve. 2,212,600; Aug. 27.
Harm, George O., Warren, Ohio. Sanitary disposition of fecal and other refuse materials. 2,205,405; June 25.
Harm, Richard S., Dormont, assignor of one-half to G. W. Battles, Springfield, Pa. Slip sheet feeder. 2,186,485; Jan. 9.
Harm, Richard S., Dormont, assignor of one-half to G. W. Battles, Springfield, Pa. Sheet feeding mechanism. 2,187,123; Jan. 16.
Harman, Frank B., Sturgis, Mich. Swivel chair. 2,224,543; Dec. 10.
Harman, Hal W., El Paso, Tex. Making repairs. 2,198,167; Apr. 23.
Harman, Marion W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Vulcanization accelerator. 2,191,656; Feb. 27.
Harman, Marion W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparing cyclohexyl and benzylamino mercapto-benzothiazoles. 2,191,657; Feb. 27.
Harman, Marion W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Manufacture of thiazole derivatives. 2,193,626; Mar. 12.
Harman, Marion W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Sponge rubber. 2,195,623; Apr. 2.
Harman, Marion W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Pickling metals. 2,201,488; May 21.
Harman, Marion W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Vulcanization of rubber. 2,214,460; Sept. 10.
Harman, Marion W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Vulcanizing rubber and product obtained thereby. 2,223,446; Dec. 3.
Harman, Marion W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Vulcanization of rubber and product obtained thereby. 2,224,388; Dec. 10.
Harman, Marion W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Amine-thiazyl disulphide reaction product. 2,226,767; Dec. 31.
Harman Pacific Company. (See Brown, Francis B., assignor.)
Harmer, Harold M., Highams Park, London, England. Polyphase rectification from a single phase electricity supply. 2,209,948; Aug. 6.
Harmon, Clarence L., Austin, Tex., assignor to The C. S. Johnson Company, Champaign, Ill. Apparatus for batch weighing. 2,212,419; Aug. 20.
Harmon, Edward F., Flushing, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Feed device. 2,191,153; Feb. 20.
Harmon, Edwin L., Groton, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Paper feed mechanism. 2,218,108; Oct. 15.
Harmon, Frank B., Clifton, N. J. Automatic control device. 2,187,124; Jan. 16.
Harmon, Jesse, assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Treatment of olefin-sulphur dioxide resins. 2,190,836; Feb. 20.
Harmon, Kenneth A., Longmeadow, assignor to Wico Electric Company, West Springfield, Mass. Humidifier. 2,189,003; Feb. 6.
Harmon, Robert R., Charlottesville, Va., assignor to Peabody Engineering Corporation, New York, N. Y. Apparatus for cleaning gases. 2,226,127; Dec. 24.
Harmon, Robert R., Charlottesville, Va., assignor to Peabody Engineering Corporation, New York, N. Y. Apparatus for cleaning gases. 2,226,128; Dec. 24.

Harmon, Walter, Hillsville, Pa. Vanity comb. 2,191,254; Feb. 20.
Harms, Gordon J., Kansas City, Mo., assignor to American Telephone and Telegraph Company. Telegraph system. 2,221,136; Nov. 12.
Harmsen, Anton. (See Holtzclaw, J. B., Harmsen, and Cooke.)
Harnar, Harvey B., Lawrence, Kans. Chicken counting machine. 2,218,423; Oct. 15.
Harnett, Daniel E., Tuckahoe, N. Y., assignor to Hazeltine Corporation. Television scanning system. 2,203,528; June 4.
Harnett, Daniel E., Tuckahoe, N. Y., assignor to Hazeltine Corporation. Periodic wave repeater. 2,212,420; Aug. 20.
Harnett, Daniel E., Tuckahoe, and J. F. Farrington, Flushing, N. Y., assignors to Hazeltine Corporation. Attenuator circuit. 2,204,216; June 11.
Harnett, Daniel E., Tuckahoe, and H. A. Wheeler, Great Neck, N. Y., assignors to Hazeltine Corporation. Automatic amplification control. 2,217,948; Oct. 15.
Harnisch, Martin, Berlin-Siemensstadt, assignor to Fides Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung, Berlin, Germany. Screen grid tube. 2,225,047; Dec. 17.
Harnischfeger Corporation. (See Blum, Frank M., assignor.)
Harnischfeger Corporation. (See Edwards, Frank C., assignor.)
Harnischfeger Corporation. (See Hansen, K. L., and Huennekens, assignors.)
Harnly, Nellie F. (See Matheny, Willard R., assignor.)
Harnsberger, Audley E., Winnetka, assignor to The Pure Oil Company, Chicago, Ill. Treating an oil gas. Re. 21,487; June 25.
Harold, Edward L., Plainfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,221,836; Nov. 19.
Harp, Franklin H., Indianapolis, Ind., assignor to Frank E. Best, Inc., Seattle, Wash. Lock. 2,207,801; July 16.
Harp, Wilbur C., assignor to A. O. Smith Corporation, Milwaukee, Wis. Automobile radio antenna. 2,210,289; Aug. 6.
Harper, Charles O. (See Hayward, L. H., and Harper.)
Harper, Elmer E., Kansas City, Mo. Speed changer mechanism. 2,219,040; Oct. 22.
Harper, George H., Oklahoma City, Okla. Meat salter. 2,187,687; Jan. 16.
Harper, Harry D., Youngstown, Ohio. Bearing lubrication system. 2,212,661; Aug. 27.
Harper, Harry D., Minneapolis, Minn. Refrigerator. 2,212,710; Aug. 27.
Harper, Martin, Hoddesdon, assignor to Varley Sound Film System Limited, London, England. Substandard sound film. 2,215,502; Sept. 24.
Harper, Philip S., and G. F. Turner, Chicago, Ill., assignors to Harper-Wyman Company. Orifice fitting. 2,213,812; Sept. 3.
Harper, William, Jr., Port Washington, assignor to H. B. Motor Corporation, New York, N. Y. Spark plug. 2,205,196; June 18.
Harper, William C., Brookneal, Va. Lifting tool. 2,213,137; Aug. 27.
Harper, William C., Brookneal, Va. Baking pan. 2,215,611; Sept. 24.
Harper-Wyman Company. (See Harper, P. S., and Turner, assignors.)
Harper-Wyman Manufacturing Company. (See Turner, George F., assignor.)
Harpman, Charles A., Youngstown, Ohio. Furnace regulator. 2,212,398; Aug. 20.
Harr, Herman H., Newark, and L. Samuel, Irvington, N. J., assignors to L. Samel. Liquid cooling and dispensing apparatus. 2,186,723; Jan. 9.
Harr, Jesse. (See Fishbein, F., and Harr.)
Harra, F. C., et al. (See Boyd, Thomas H., assignor.)
Harred, George H., Warwick, R. I., assignor to Boston Wire Stitcher Company, Portland, Maine. Wire stitching and stapling machine. 2,208,259; July 16.
Harrell, Clennie B., assignor to Metropolis Bending Company, Metropolis, Ill. Folding table. 2,204,081; June 11.
Harrell, Fred E., and R. A. Geuder, Cleveland, Ohio, assignors to Reliance Electric and Engineering Company. Control system. 2,202,421; May 28.
Harrich, Guenter W., San Francisco, Calif. Lock. 2,196,112; Apr. 2.
Harriett, William F. (See Thedford, W. H., and Harriett.)
Harriett, William F., Woodhaven, assignor to William S. Doig Inc., Brooklyn, N. Y. Nailing machine. 2,197,363; Apr. 16.
Harrigan, John J., Oklahoma City, Okla. Treating oil wells. 2,225,434; Dec. 17.
Harriman, Archie S., Burlington, Vt. File clamp for file drawers. 2,225,385; Dec. 17.
Harriman, John W., St. Louis County, Mo. Automatic weighing device. 2,200,602; May 14.
Harriman, Loyd R. (See Ace, A. H., and Harriman.)
Harrington, Bertie S., Chicago, Ill. Container filling apparatus. 2,208,028; July 16.
Harrington, Edward A., trustee. (See Thomas, Victor W., assignor.)
Harrington, Edward L., assignor to Blaw-Knox Company, Pittsburgh, Pa. Head for clamshell buckets. 2,189,065; Feb. 6.
Harrington, Edward L., assignor to Blaw-Knox Company, Pittsburgh, Pa. Apparatus for feeding material. 2,226,242; Dec. 24.
Harrington, Ferris T., assignor to Vickers, Incorporated, Detroit, Mich. Power transmission. Re. 21,529; Aug. 13.
Harrington, Ferris T., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,210,665; Aug. 6.
Harrington, Ferris T., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,214,816; Sept. 17.
Harrington, Ferris T., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,214,817; Sept. 17.
Harrington, Ferris T., assignor to Vickers Incorporated, Detroit, Mich. Hydraulic die spotting press. 2,218,818; Oct. 22.
Harrington, Ferris T., and R. L. Tweedale, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,219,896; Oct. 29.
Harrington, Ferris T., and R. E. Esch, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,186,379; Jan. 9.
Harrington, Ferris T., L. R. Twyman, and J. Robinson, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,203,354; June 4.
Harrington, Ferris T., and H. C. Nye, assignors to Vickers Incorporated, Detroit, Mich. Bushing assembly press. 2,216,973; Oct. 8.
Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Reamer. 2,189,029; Feb. 6.
Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Reamer. 2,189,030; Feb. 6.
Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Reamer. 2,189,031; Feb. 6.
Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Reamer. 2,189,034; Feb. 6.
Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Reamer. 2,189,037; Feb. 6.
Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Drill bit. 2,194,119; Mar. 19.
Harrington, James R., Mansfield, assignor, by mesne assignments, to The Autocall Company, Shelby, Ohio. Electric signaling, supervising, and recording system. 2,202,853; June 4.
Harrington, Joseph, Riverside, Ill. Stoker. 2,214,740; Sept. 17.
Harrington, Philip. (See Dundas, W. A., and Harrington.)
Harrington, Richards H., Schenectady, N. Y., assignor to General Electric Company. Precipitation hardened copper alloy. 2,225,339; Dec. 17.
Harrington, Richards H., Schenectady, N. Y., assignor to General Electric Company. Preventing intergranular oxidation in ternary beryllium alloys. 2,226,284; Dec. 24.
Harris, Abel G., Tonica, Ill. Plow disk mounting. 2,204,490; June 11.
Harris, Alfred F., Philadelphia, Pa. Method and apparatus for loading cartridge clips. 2,210,931; Aug. 13.
Harris, Benjamin R. (See Epstein, A. K., Harris, and Reynolds.)
Harris, Benjamin R., Chicago, Ill. Organic nitrogenous base derivatives of ether derivatives. 2,189,397; Feb. 6.
Harris, Benjamin R., Chicago, Ill. Cosmetic. 2,192,907; Mar. 12.
Harris, Benjamin R., Chicago, Ill. Sulphonium compounds. 2,193,963; Mar. 19.
Harris, Benjamin R., Chicago, Ill. Ore dressing. 2,194,522; Mar. 26.
Harris, Benjamin R., Chicago, Ill. Lipophilic-hydrophilic derivatives of thio compounds. 2,201,535; May 21.
Harris, Benjamin R., assignor to The Emulsol Corporation, Chicago, Ill. Interface modifying agents and producing the same. Re. 21,322; Jan. 16.
Harris, Benjamin R., assignor to The Emulsol Corporation, Chicago, Ill. Esters of octyl alcohol with lower molecular weight sulpho carboxylic acids. 2,190,921; Feb. 20.
Harris, Benjamin R., Chicago, Ill., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Chemical substance and use thereof. 2,212,521; Aug. 27.
Harris, Benjamin R., assignor to The Emulsol Corporation, Chicago, Ill. Substituted ammonium salts of sulphocarboxylic acid esters. 2,221,377; Nov. 12.
Harris, Charles A., Shaker Heights, Ohio. Fluid dispensing device. 2,188,507; Jan. 30.
Harris, Clarence E., Winthrop, Mass. Front sight tightening tool. 2,193,813; Mar. 19.
Harris, Clarence P., New York, N. Y. Metallic powder aggregate. 2,185,194; Jan. 2.
Harris, Clark O. (See Sansom, Ray, assignor.)
Harris, Dwight J., Philadelphia, Pa. Hosiery and making the same. 2,217,272; Oct. 8.
Harris, Dwight J., Philadelphia, Pa. Hosiery and making the same. 2,217,273; Oct. 8.
Harris, Dwight L. (See Doerner, H. A., and Harris.)
Harris, Elwin E. (See Sherrard, E. C., Harris, and Saeman.)
Harris, Emil L. (See Overstreet, E. L., and Harris.)

Harris, Frank C., Lakewood, assignor to The American MonoRail Company, Cleveland, Ohio. Overhead conveyer system. 2,223,870; Dec. 3.
Harris, Frederic A., Des Moines, Iowa. Adjustable skate. 2,190,316; Feb. 13.
Harris, Henry H., Champaign, Ill. Roller unit. 2,186,724; Jan. 9.
Harris, Henry H., Champaign, Ill. Roller rail for industrial heating furnaces. 2,189,143; Feb. 6.
Harris, Henry H., Champaign, Ill. Chain conveyer for heat-treating furnaces. 2,189,983; Feb. 13.
Harris, Howard T., Woodhaven, N. Y. Golf putter. 2,222,534; Nov. 19.
Harris, John R. (See Houck, M. B., and Harris.)
Harris, Milton, New York, N. Y. Ferrule for an umbrella stick and the like. 2,192,040; Feb. 27.
Harris, Philip R., B. R. Pinney, and I. H. Ramsey, assignors to Curtis Companies, Incorporated, Clinton, Iowa. Kitchen unit demonstration set. 2,221,766; Nov. 19.
Harris, Ramsay L., Ontario, Calif. Bookrest. 2,225,830; Dec. 24.
Harris, Robert C., Fort Wayne, Ind. Electric generator. 2,185,460; Jan. 2.
Harris, Robert F., Los Angeles, Calif. Card table. 2,199,745; May 7.
Harris, Robert W. (See Hammond, P. D., and Harris.)
Harris, Romaine R., Portland, Oreg., assignor to W. E. Clifton, Yakima, Wash. Fluid turbine. 2,209,270; July 23.
Harris, Samuel J. (See Tuck, D. H., and Harris.)
Harris-Seybold-Potter Company. (See Eickman, Walter C., assignor.)
Harris-Seybold-Potter Company. (See Harrold, Charles W., assignor.)
Harris-Seybold-Potter Company. (See Harrold, C. W., and Wood, assignors.)
Harris-Seybold-Potter Company. (See Harrold, C. W., Wood, and Kaddeland, assignors.)
Harris-Seybold-Potter Company. (See Harrold, C. W., and Woodruff, assignors.)
Harris-Seybold-Potter Company. (See Kaddeland, Christen R., assignor.)
Harris-Seybold-Potter Company. (See Kaddeland, C. R., and Harrold, assignors.)
Harris-Seybold-Potter Company. (See Spiller, W. R., and Lehman, assignors.)
Harris-Seybold-Potter Company. (See Wood, William H., assignor.)
Harris-Seybold-Potter Company. (See Wright, Joseph T., assignor.)
Harris Soap Company. (See Curzon, John R., assignor.)
Harris, Sydney, Wallasey, assignor to Walkers (Liverpool) Limited, Liverpool, England. Automatic delivery machine. 2,198,168; Apr. 23.
Harris Textile Machinery Corporation. (See Harris, Thomas, assignor.)
Harris, Thomas, Providence, R. I., assignor to Harris Textile Machinery Corporation. Drafting unit. 2,186,695; Jan. 9.
Harris, Thomas, Providence, R. I., assignor to Harris Textile Machinery Corporation. Roving frame. 2,186,696; Jan. 9.
Harris, Walter B., Bayside, Long Island, N. Y. Portable air conditioner. 2,218,198; Oct. 15.
Harris, Warren B., Millbury, Mass. Dobby chain. 2,190,837; Feb. 20.
Harris, Warren B., Millbury, Mass. Harness cord. 2,225,865; Dec. 24.
Harris, Wilbur T., Trenton, N. J., assignor to Research Corporation, New York, N. Y. Vacuum tube. 2,204,306; June 11.
Harris, Wilbur T., Trenton, N. J., assignor to Research Corporation, New York, N. Y. Ultra high frequency circuits. 2,224,649; Dec. 10.
Harris, William, Paterson, N. J. Ribbon loom. 2,193,453; Mar. 12.
Harris, William, Paterson, N. J. Ribbon loom. 2,193,454; Mar. 12.
Harris, William A. (See Van Blarcom, C. W., and Harris.)
Harris, William A., assignor to The South Carolina National Bank of Charleston, Greenville, S. C., as trustee. Magazine for vending machines. 2,186,527; Jan. 9.
Harris, William A., Nutley, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge modulating device. 2,198,340; Apr. 23.
Harris, William A., Hillside, and C. W. Van Blarcom, Boonton, assignors to Hydooraulic, Inc., Orange, N. J. Valve control. 2,209,565; July 30.
Harris, William D., assignor to Refinoil Manufacturing Corporation, Kansas City, Mo. Still for re-refining used crankcase oils. 2,201,558; May 21.
Harris, William T., Bellingham, Wash. Fireplace heater attachment. 2,196,795; Apr. 9.
Harrisburg Steel Corporation. (See Nelson, Tom H., assignor.)
Harrison, Arthur, Arlington Heights, assignor to Boston Woven Hose & Rubber Company, Cambridge, Mass. Making hose and the like. 2,226,768; Dec. 31.
Harrison, Charles H., London, England. Roundabout or carrousel. 2,225,008; Dec. 17.
Harrison, Dolly V. (See Harrison, William H. and E. C.)
Harrison, Edward C. (See Harrison, William H. and E. C.)
Harrison, George D., Denver, Colo. Apparatus for measuring and/or delivering fluids. 2,223,684; Dec. 3.
Harrison, George R., assignor to National Stamping Company, Detroit, Mich. Window operating mechanism. 2,226,376; Dec. 24.
Harrison, James M., Linton, Ga. Game device. 2,188,043; Jan. 23.
Harrison, John F., Marion, Ohio. Garment hanger. 2,196,729; Apr. 9.
Harrison, John F., and H. B. Crum, Marion, Ohio. Road working machinery. 2,193,367; Mar. 12.
Harrison, John H., Stockton, Calif. Quick acting clamp. 2,197,128; Apr. 16.
Harrison, John K. M., Ogontz, Pa. Coating applicator and smoothing attachment. 2,194,701; Mar. 26.
Harrison, John K. M., Ogontz, Pa. Tube end-flaring mechanism. 2,215,789; Sept. 24.
Harrison, John K. M., Ogontz, and W. E. Flack, Huntington Valley, Pa.; said Flack assignor to Container Corporation of America, Chicago, Ill. Container opener and spout. 2,212,019; Aug. 20.
Harrison, John W., Chicago, Ill. Runner attachment for ice skates. 2,218,803; Oct. 22.
Harrison, Laurence S., Hartsdale, and E. J. Rabenda, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Data transcribing machine. 2,199,541; May 7.
Harrison, Leslie R., Jr. (See Tartaron, F. X., and Harrison.)
Harrison, Mortimer C., Chicago, Ill. Clamping device for paperhangers' outfits. 2,224,911; Dec. 17.
Harrison, Robert D., Bradford, W. H. Dean, Guisley, and F. Carter, Bradford, England. Means and apparatus for the extraction of burs from wool and other textile fibers. 2,189,519; Feb. 6.
Harrison, Thomas H. (See Dahl, Westley G., assignor.)
Harrison, Thomas H., Monessen, Pa. Lock. 2,193,368; Mar. 12.
Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,193,095; Mar. 12.
Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,193,096; Mar. 12.
Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,197,379; Apr. 16.
Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,211,114; Aug. 13.
Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,215,218; Sept. 17.
Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,216,472; Oct. 1.
Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control instrument. 2,216,687; Oct. 1.
Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Control method and apparatus. 2,219,774; Oct. 29.
Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring apparatus. 2,219,775; Oct. 29.
Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Control system. 2,222,947; Nov. 26.
Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Control method and apparatus. 2,223,666; Dec. 3.
Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Control system. 2,224,119; Dec. 3.
Harrison, William. (See Makenny, W., and Harrison.)
Harrison, William H., Los Angeles, Calif. Controlling illumination. 2,207,919; July 16.
Harrison, William H., and E. C. Harrison; D. V. Harrison, owner of the entire right of said E. C. Harrison, deceased, by decree of court, assignors, by mesne assignments, to Dunningcolor Corporation, Los Angeles, Calif. Photographic apparatus and method. 2,185,847; Jan. 2.
Harrison, William H., and E. C. Harrison, D. V. Harrison, owner of the entire right of said E. C. Harrison, deceased, by decree of court, assignors, by mesne assignments, to Dunningcolor Corporation, Los Angeles, Calif. Optical system for color photography. 2,186,412; Jan. 9.
Harrison, William R., Perth, Western Australia, Australia. Camera for producing separation negatives. 2,225,268; Dec. 17.
Harriss, Lloyd J., Chicago, and B. Lambers, Oak Park, Ill.; said Lambers assignor to said Harriss. Pie rimming machine. 2,219,448; Oct. 29.
Harrold, Charles W. (See Kaddeland, C. R., and Harrold.)
Harrold, Charles W., University Heights, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Sheet conveyer mechanism. 2,198,385; Apr. 23.

Harrold, Charles W., University Heights, Ohio, and J. R. Wood and C. R. Kaddeland, Shelton, Conn., assignors to Harris-Seybold-Potter Company, Cleveland, Ohio. Accelerating rotary feeder. 2,192,908; Mar. 12.
Harrold, Charles W., University Heights, Ohio, and J. R. Wood, Shelton, Conn., assignors to Harris-Seybold-Potter Company, Cleveland, Ohio. Sheet registering and detecting mechanism. 2,200,367; May 14.
Harrold, Charles W., University Heights, and A. B. Woodruff, Shaker Heights, assignors to Harris-Seybold-Potter Company, Cleveland, Ohio. Sheet delivery mechanism. 2,208,978; July 23.
Harry, Gordon W., assignor to General Motors Corporation, Detroit, Mich. Pump. 2,203,464; June 4.
Harry, Robert J., Alliance, Ohio. Tongs. 2,219,479; Oct. 29.
Harry, Robert J., Alliance, Ohio, assignor to The Alliance Machine Company. Journal bearing. 2,185,664; Jan. 2.
Harshaw Chemical Company, The. (See Froelich, Herman C., assignor.)
Harshaw Chemical Company, The. (See Harshaw, W. J., and Stillwell, assignors.)
Harshaw Chemical Company, The. (See Lind, R., Harshaw, and Long, assignors.)
Harshaw Chemical Company, The. (See Long, Kenneth E., assignor.)
Harshaw Chemical Company, The. (See Stillwell, William D., assignor.)
Harshaw Chemical Company. (See Swinehart, Carl F., assignor.)
Harshaw Chemical Company, The. (See Swinehart, C. F., and Froelich, assignors.)
Harshaw, William J. (See Lind, R., Harshaw, and Long.)
Harshaw, William J., Shaker Heights, and W. D. Stillwell, South Euclid, assignors to The Harshaw Chemical Company, Elyria, Ohio. Opacifier for vitreous enamels. 2,199,794; May 7.
Harshaw, William J., Shaker Heights, and W. D. Stillwell, South Euclid, assignors to The Harshaw Chemical Company, Elyria, Ohio. Opacifier for vitreous enamels. 2,200,170; May 7.
Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co., Inc., New York, N. Y. Curing and packaging building material. 2,185,195; Jan. 2.
Harshberger, Norman P., Scarsdale, and S. A. Ochs, assignors to Bakelite Building Products Co., Inc., New York, N. Y. Surface covering material. 2,191,465; Feb. 27.
Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co., Inc., New York, N. Y. Building material and the like. 2,201,175; May 21.
Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co., Inc., New York, N. Y. Coating and coloration of granulated materials. 2,202,002; May 28.
Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co., Inc., New York, N. Y. Roofing and siding element. 2,209,271; July 23.
Harshman, Jennings B. (See Hill, A. M., and Harshman.)
Harstick, William H., Milwaukee, Wis., assignor to International Harvester Company. Article handling tool. 2,194,204; Mar. 19.
Hart, Aubrey, New York, N. Y. Direction indicator. 2,214,275; Sept. 10.
Hart, Charles, Chester, Pa. Manufacture of artificial magnesite and similar matters. 2,195,367; Mar. 26.
Hart, Charles H., Lancaster, Ohio. Carcass opener. 2,198,814; Apr. 30.
Hart, Coleridge W., Peekskill, N. Y. Crayon. 2,226,377; Dec. 24.
Hart & Cooley Manufacturing Company. (See Covell, H. S., Heasley, and Cole, assignors.)
Hart & Cooley Manufacturing Company. (See Heasley, L. E., and Cole, assignors.)
Hart, David M., Los Angeles, Calif. Water heater. 2,189,490; Feb. 6.
Hart, Frank A., New York, N. Y. Tire guard. 2,205,260; June 18.
Hart, George T., Jr., Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Utilization of electrostatic fields. 2,222,615; Nov. 26.
Hart, George T., Jr., and E. E. Winkley, Lynn, Mass., assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Use of a stray electrostatic field for drying leather and the like. 2,212,522; Aug. 27.
Hart, Henry J., West Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,202,451; May 28.
Hart, Henry J., West Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,208,367; July 16.
Hart, Henry J., West Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,210,168; Aug. 6.
Hart, Hubert C., Unionville, Conn. Ticket punch. 2,191,382; Feb. 20.
Hart, Lennie D., et al. (See Hamblin, Ed, assignor.)
Hart, Lester C., assignor to Hi-Voltage Equipment Company, Cleveland, Ohio. Fuse link. 2,199,746; May 7.
Hart, Loren M., New York, N. Y. Sound treating device. 2,206,012; July 2.
Hart, Richard H., assignor to Autochute Corporation, New Orleans, La. Parachute apparatus. 2,222,903; Nov. 26.
Hart, Sterling P., Long Beach, Calif., assignor to The Texas Company, New York, N. Y. Treatment of wells. 2,198,435; Apr. 23.
Hart, Sterling P., Long Beach, Calif., assignor to Texaco Development Corporation, New York, N. Y. Device for depositing chemicals. 2,223,936; Dec. 3.
Hart, Sterling P., Long Beach, Calif., assignor to The Texas Company, New York, N. Y. Treatment of oil wells. 2,224,120; Dec. 3.
Hart-Still, Sydney C., assignor to Deekay Aircraft Corporation Limited, London, England. Aircraft wing construction. 2,225,779; Dec. 24.
Hart, William A. (See Rovick, J. D., and Hart.)
Hart, William A., Detroit, Mich., assignor to Colonial Broach Company. Broaching machine. 2,189,984; Feb. 13.
Hart, William A., Detroit, Mich., assignor to Colonial Broach Company. Broaching machine. 2,190,067; Feb. 13.
Hart,William A., assignor to Colonial Broach Company, Detroit, Mich. Broaching gears. 2,194,595; Mar. 26.
Hart, William A., assignor to Colonial Broach Company, Detroit, Mich. Broaching gears. 2,212,737; Aug. 27.
Hartanov, Andrew S., assignor to Industrial Patents Corporation, Chicago, Ill. Treatment of beef carcasses. 2,202,951; June 4.
Hartbauer, August W. L., Chicago, Ill. Gasket construction. 2,189,795; Feb. 13.
Hartbauer, August W. L., Chicago, Ill. Railway car refrigerator hatch closure mechanism. 2,192,440; Mar. 5.
Hartbauer, August W. L., Chicago, Ill. Refrigerator car batch arrangement. 2,220,901; Nov. 12.
Hartel, Walter, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric device. 2,186,244; Jan. 9.
Harten, John J., assignor to Niles-Bement-Pond Company, Hartford, Conn. Tool grinding fixture. 2,200,883; May 14.
Harter, Byron E., Farnhamville, Iowa. Self-locking gaff. 2,210,169; Aug. 6.
Harter, Clair M., Waukegan, Ill., assignor to Bela E. de Tuscan, Detroit, Mich. Electric foil. 2,206,697; July 2.
Harter, Noah S., Waukegan, Ill., assignor to The Cyclone Fence Company. Wire fabric processing apparatus. 2,192,789; Mar. 5.
Hartford-Empire Company. (See Bailey, James, assignor.)
Hartford-Empire Company. (See Berthold, Walter K., assignor.)
Hartfort-Empire Company. (See Canfield, Robert W., assignor.)
Hartford-Empire Company. (See Honiss, William T., assignor.)
Hartford-Empire Company. (See Koob, Bernard H., assignor.)
Hartford-Empire Company. (See Mulholland, Vergil, assignor.)
Hartford-Empire Company. (See Peiler, Karl E., assignor.)
Hartford-Empire Company. (See Rowe, George E., assignor.)
Hartford-Empire Company. (See Strauch, Clauss B., assignor.)
Hartford-Empire Company. (See Underwood, Albert T., assignor.)
Hartford-Empire Company. (See Willetts, Paul G., assignor.)
Hartford National Bank and Trust Company, trustee. (See Boer, A. G., van Niekerk, Reerink, and van Wijk, assignors.)
Hartford National Bank and Trust Company. (See Bouwers, Albert, assignor.)
Hartford National Bank and Trust Company, as trustee. (See Bouwers, A., and Kuntke, assignors.)
Hartford National Bank and Trust Company, as trustee. (See Claassen, Anthony F. P. J., assignor.)
Hartford National Bank and Trust Company. (See de Bruin, Sake L., assignor.)
Hartford National Bank and Trust Company, trustee. (See de Lange, C., and de Vries, assignors.)
Hartford National Bank and Trust Company, Trustee. (See Dorgelo, E. G., and van Alphen, assignors.)
Hartford National Bank and Trust Company. (See Druyvesteyn, M. J., and Warmoltz, assignors.)
Hartford National Bank and Trust Company. (See Duinker, D. M., and Oostra, assignors.)
Hartford National Bank and Trust Company, trustee. (See Jansen, Marinus J., assignor.)
Hartford National Bank and Trust Company, trustee. (See Jovy, Richard K., assignor.)
Hartford National Bank and Trust Company, as trustee. (See Kotte, Jan J., assignor.)
Hartford National Bank and Trust Company. (See Kuipers, Minne, assignor.)
Hartford National Bank and Trust Company. (See Kuntke, Alfred, assignor.)
Hartford National Bank and Trust Company, trustee. (See Kuntke, A., and Daumann, assignors.)

Hartford National Bank and Trust Company. (See Penning, Frans M., assignor.)
Hartford National Bank and Trust Company, trustee. (See Romp, Johan, assignor.)
Hartford National Bank and Trust Company, trustee. (See Six, W., and Holst, assignors.)
Hartford National Bank and Trust Company. (See Skillman, Thomas S., assignor.)
Hartford National Bank and Trust Company. (See van der Meulen, Marius J. C., assignor.)
Hartford National Bank and Trust Company, trustee. (See Verhoeff, Adrianus, assignor.)
Hartford National Bank and Trust Company, trustee. (See Visman, Jean, assignor.)
Hartford National Bank and Trust Company, as trustee. (See Weyers, Theodorus J., assignor.)
Harth Philip E., Clayton, Mo. Manufacture of glass. 2,218,334; Oct. 15.
Hartig, Henry E., Robbinsdale, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,200,225; May 7.
Hartig, Henry E., Robbinsdale, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Load compensated control system. 2,208,760; July 23.
Hartig, Henry E., Robbinsdale, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic reset mechanism. 2,208,761; July 23.
Hartig, Henry E., Robbinsdale, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,211,694; Aug. 13.
Hartig, Henry E., Robbinsdale, assignor to Waldorf Paper Products Company, St. Paul, Minn. Sound insulating construction. 2,213,583; Sept. 3.
Hartig, Henry E., Robbinsdale, and C. B. Spangenberg, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Load compensated control system. 2,208,762; July 23.
Hartl, Ludwig, Berlin-Spandau, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Inductance coil and condenser assembly. 2,222,770; Nov. 26.
Hartley, Earle W., Waterbury, Conn. Bowling pin. 2,199,310; Apr. 30.
Hartley, George D., et al. (See Smith, F. H., and Stringfellow, assignors.)
Hartley, Henry J., Hastings on Hudson, N. Y., and D. Baird, Berkeley, Calif., assignors to Nichols Engineering & Research Corporation, New York, N. Y. Incineration of sewage sludge or the like waste materials. 2,187,201; Jan. 16.
Hartley, Howard J., Lansdale, Pa., assignor to United States Gauge Company, New York, N. Y. Steam and sediment trap for a pressure responsive instrument. 2,203,434; June 4.
Hartley, James C. (See Dolan, Paul M., assignor.)
Hartley, Ralph V. L., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. System of communication. 2,189,898; Feb. 13.
Hartley, Richard A. (See Devol, L., and Hartley.)
Hartley, Vincent, Greenfield, England. Producing a seed carrier. 2,196,917; Apr. 9.
Hartman, Carl H., New Rochelle, and W. R. Peterson, Oswego, assignors to St. Regis Paper Company, New York, N. Y. Belt packer. 2,205,010; June 18.
Hartman, Claire. (See van der Reis, Paul, assignor.)
Hartman, Clare E., et al. (See Weaver, James C., assignor.)
Hartman, Frank W., assignor to Henry Ford Hospital, Detroit, Mich. Refrigerating apparatus. 2,220,447; Nov. 5.
Hartman, Harry B., Florence, Mass. Air conditioning apparatus. 2,205,831; June 25.
Hartman, John P., Fort Peck, Mont. Method and apparatus for grouting. 2,196,211; Apr. 9.
Hartman, Lafayette, Bradley, Ill. Figure formed multicycle vehicle. 2,225,560; Dec. 17.
Hartman, Max, Riehen, and A. Wettstein, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of saturated and unsaturated ketones of the pregnan series. 2,216,837; Oct. 8.
Hartman, William W., Los Angeles, Calif. Multiple band blade slicing machine. 2,205,527; June 25.
Hartman, William W., Los Angeles, Calif. Combination bread slicing and wrapping machine. 2,215,036; Sept. 17.
Hartmann, August, Berlin-Lichterfelde, Germany, assignor to American Bemberg Corporation, New York, N. Y. Producing soft luster artificial silk. 2,196,630; Apr. 9.
Hartmann, August and J. Uytenbogaart, Berlin-Lichterfelde, Germany, assignors to North American Rayon Corporation, New York, N. Y. Process and apparatus for the manufacture of artificial silk. 2,194,470; Mar. 26.
Hartmann, Carl W., Lyngby, near Copenhagen, Denmark, assignor to Satona Limited, Edinburgh, Scotland. Apparatus for making up, packing, and sealing cartons. 2,212,472; Aug. 20.
Hartmann, Erich, Leverkusen-Wiesdorf, and F. Moll, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Salt of phthalocyanine sulphonic acid. 2,187,816; Jan. 23.
Hartmann, Karl F., assignor of one-half to M. J. Doyle, San Francisco, Calif. Heating system. 2,195,963; Apr. 2.
Hartmann, Max, Riehen, and A. Wettstein, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Compounds of the etio-cholanic acid series and making same. 2,210,368; Aug. 6.
Hartmann, Milford W., Hutchinson, Kans. Air control device. 2,215,815; Sept. 24.
Hartmann, Otto H. (See Rieger, W., and Hartmann.)
Hartmann, Raymond and F. P. Ray, Oakland, Calif. Day and night map. 2,199,311; Apr. 30.
Hartmann Trunk Company. (See Danielsen, Hans P., assignor.)
Hartmann Trunk Company. (See Ritter, Julius, Jr., assignor.)
Hartmann, Willy, Stuttgart, Germany. Liquid filter. 2,227,344; Dec. 31.
Hartner, Ralph F., Pittsburgh, Pa., Shoetree. 2,208,002; July 16.
Hartnett, John F., Cleveland Heights, assignor to Wilson Fastener Company, Cleveland, Ohio. Fastener tape. 2,202,854; June 4.
Hartnett, John T., Boston, Mass. Display container. 2,194,425; Mar. 19.
Hartnett, John T., Boston, and C. J. Emerson, Winchester, Mass. Package. 2,219,183; Oct. 22.
Hartridge, Leslie, Ponders End, England. Apparatus for testing the output of pumps. 2,185,943; Jan. 2.
Hartsel, Gladys S., St. Paul, Minn. Copyholder. 2,194,019; Mar. 19.
Hartshorn, Stanley D., Wayne, Pa. Differential roll crusher. 2,192,310; Mar. 5.
Hartsook, Clarence G. (See Reese, A. R., and Hartsook.)
Hartsough, Ralph C. (See Baker, D. B., Bechman, Hartsough, and Overholt.)
Hartsuff, Howard K., Beaver, Pa., assignor to Jones & Laughlin Steel Corporation. Chuck. 2,188,095; Jan. 23.
Hartung, Walter H., Baltimore, Md., and F. S. Crossley, assignors to Sharp & Dohme, Incorporated, Philadelphia, Pa. Barbituric acid derivatives. 2,187,705; Jan. 16.
Hartung, Walter H., Baltimore, Md., and F. S. Crossley, assignors to Sharp & Dohme, Incorporated, Philadelphia, Pa. Thiobarbituric acid derivatives. 2,219,549; Oct. 29.
Hartwell, Arthur F. (See Hartwell, Benjamin F., L. L., Jr., and A. F.)
Hartwell, Benjamin F., L. L., Jr., and A. F., Bellows Falls, Vt. Making and premolding heel and quarter sections of boots and shoes. 2,187,783; Jan. 23.
Hartwell, Benjamin F., L. L., Jr., and A. F., Bellows Falls, Vt. Sole edge trimming cutter. 2,216,439; Oct. 1.
Hartwell, Benjamin F., L. L., Jr., and A. F., Bellows Falls, Vt. Integrated shoe quarter. 2,217,274; Oct. 8.
Hartwell, Jonathan L., Waltham, Mass., assignor to Interchemical Corporation, New York, N. Y. Purification of crude phthalocyanine pigments. 2,225,302; Dec. 17.
Hartwell, Leslie L., Jr. (See Hartwell, Benjamin F., L. L., Jr., and A. F.)
Hartwell, Ralf L. (See Goodloe, A. M., and Hartwell.)
Harty, Florence R., Brookline, Mass. Pedestrian's walking stick. 2,198,082; Apr. 23.
Hartzell, Herman L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Method and apparatus for overcoming pitting of ignition timer contacts. 2,189,899; Feb. 13.
Hartzell, Herman L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Condenser assembly. 2,205,816; June 25.
Hartzell, Herman L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition service coil. 2,211,060; Aug. 13.
Hartzell, Herman L., and D. L. Hittle, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Centrifugal control for ignition timer. 2,219,480; Oct. 29.
Hartzell, Hugh H. (See Seaton, M. Y., and Hartzell.)
Harvard Specialty Mfg. Corp. (See Hillson, Jacob, assignor.)
Harvel Corporation, The. (See Connors, John J., assignor.)
Harvel Corporation, The. (See Harvey, Mortimer T., assignor.)
Harvey, Alfred R., Los Angeles, Calif. Brake equalizer. 2,219,041; Oct. 22.
Harvey, Cecil E., Hornchurch, England. Centrifugal machine for the separation of solid and liquid materials. 2,200,202; May 7.
Harvey, Christian M., Zavalla, Tex., assignor to Blaw-Knox Company, Pittsburgh, Pa. Striping machine. 2,203,529; June 4.
Harvey & Company. (See Parsons, Richard F., assignor.)
Harvey, Ellison, Jackson Heights, N. Y. Stringed instrument tuner. 2,201,536; May 21.
Harvey, Frank, Cincinnati, Ohio, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Bus bar distribution system. 2,192,587; Mar. 5.
Harvey, Frank, Cincinnati, Ohio, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Trolley collector for bus bar conduit systems. 2,201,679; May 21.
Harvey, George R. (See Raby, A. W., and Harvey.)
Harvey, Harold C., assignor to Harvey Paper Products Company, Sturgis, Mich. Dispensing box or container for roll paper. 2,189,533; Feb. 6.

Harvey, Herbert, Los Angeles, Calif. Stay binding strap. 2,185,505; Jan. 2.
Harvey, Herbert, assignor to L. M. Harvey, Los Angeles, Calif. Retaining member for straps. 2,208,842; July 23.
Harvey Hubbell, Incorporated. (See Von Holtz, Charles T., assignor.)
Harvey, Jacquelin E., Jr., Atlanta, Ga. Wood preservative oil. 2,195,413; Apr. 2.
Harvey, Jacquelin E., Jr., assignor of one-half to Southern Wood Preserving Company, Atlanta, Ga. Producing synthetic hydrocarbon. 2,191,466; Feb. 27.
Harvey, Jacquelin E., Jr., R. H. White, Jr., and J. J. White, assignors of one-half to Southern Wood Preserving Company, and one-half to said J. E. Harvey, Jr., Atlanta, Ga. Producing wood preservative. Re. 21,438; Apr. 30.
Harvey, James W., Lakeville, Conn., assignor to R. S. Allyn, New York, N. Y. Fish lure. 2,216,688; Oct. 1.
Harvey, James W., assignor to Starr Allyn Harvey, Lakeville, Conn. Fish lure winder. 2,220,878; Nov. 12.
Harvey, Kenneth A., Los Angeles, Calif. Trailer coupling. 2,207,006; July 9.
Harvey, Leo M. (See Harvey, Herbert, assignor.)
Harvey, Leo M. (See Hill, Reuben, assignor.)
Harvey, Leo M., Los Angeles, Calif. Towel cabinet. 2,190,100; Feb. 13.
Harvey, Leo M., Los Angeles, Calif. Towel cabinet. 2,190,101; Feb. 13.
Harvey, Leo M., Los Angeles, Calif. Package. 2,222,072; Nov. 19.
Harvey, Leo M., Los Angeles, Calif. Towel cabinet. 2,224,572; Dec. 10.
Harvey, Leo M., La Canada, Calif Method and machine for making paper cups. 2,215,698; Sept. 24.
Harvey, Leo M., and W. C. Allen, Los Angeles, Calif., assignors to The Gerrard Company, Incorporated, Chicago, Ill. Binding machine. 2,215,121; Sept. 17.
Harvey, Mortimer T., East Orange, N. J., assignor to The Harvel Corporation. Phenols from cashew nut shell liquid and method of obtaining the same. 2,218,531; Oct. 22.
Harvey, Mortimer T., East Orange, N. J., assignor to The Harvel Corporation. Treatment of cashew nut shell liquid. 2,223,549; Dec. 3.
Harvey, Mortimer T., East Orange, N. J., assignor, by mesne assignments, to The Harvel Corporation. Condensation of pine oil with a phenol having an unsaturated hydrocarbon side chain. 2,223.550; Dec. 3.
Harvey, O'Dell K., Marcellus, Mich. Glare shield. 2,187,027; Jan. 16.
Harvey Paper Products Company. (See Harvey, Harold C., assignor.)
Harvey, Robert L. (See Carlson, W. L., and Harvey.)
Harvey, Robert L., Collingswood, and C. Wentworth. Haddon Heights, N. J., assignors to Radio Corporation of America. Electrical transmission line. 2,226,928; Dec. 31.
Harvey, Ted M., London, England. Apparatus for taking of cinematograph images. 2,210,454; Aug. 6.
Harvey-Whipple, Inc. (See Bork, George H., assignor.)
Harwell, Thomas B., Henryetta, Okla. Mower. 2,202,774; May 28.
Harwood, Channing E., assignor to The Russell Manufacturing Company, Middletown, Conn. Strap. 2,210,170; Aug. 6.
Harwood, James. (See Pool, W. O., and Harwood.)
Harwood, James. (See Ralston, A. W., Harwood, and Hopkins.)
Harwood, James. (See Ralston, A. W., Pool, and Harwood.)
Harwood, Kenneth J. (See Fourness, C. A., and Harwood.)
Harwood, Paisley B., Milwaukee, and J. M. Newman, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Motor controller. 2,214,020; Sept. 10.
Harwood, Reymour E., Kenmore, assignor to Niagara Machine & Tool Works, Buffalo, N. Y. Apparatus for necking in the ends of containers. 2,189,004; Feb. 6.
Hasbrouch, John S. (See Beardsley, G. E., Jr., and Hasbrouch.)
Hasbrouck, Harold J., Jr., Flushing, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Sound reproduction. 2,205,528; June 25.
Hasbrouck, Harold J., Jr., Merchantville, N. J., assignor to Radio Corporation of America. Ground noise reduction shutter. 2,206,400; July 2.
Hasbrouck, John S., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Resilient engine mount. 2,193,332; Mar. 12.
Hasbrouck, John S., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Backfire door. 2,197,148; Apr. 16.
Hasche, Rudolph L., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Expansion joint. 2,196,766; Apr. 9.
Hasche, Rudolph L., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Pyrolysis apparatus. 2,196,767; Apr. 9.
Hasegawa, Shuji. (See Kondo, H., Hasegawa and Tomita.)
Haselbaum, Oscar H., Boston, assignor to Joseph Pollak Corporation, Dorchester, and Aetna Motor Products Corporation, Dorchester, Mass. Control rheostat unit. 2,205,287; June 18.
Haseltine, Stacy B., Glen Ellyn, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,198,700; Apr. 30.
Haseltine, Stacy B., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Removably mounting floor racks. 2,216,239; Oct. 1.
Haselton, Merton L. (See Hicks, R. M., and Haselton, assignors.)
Haselton, Merton L., Rye, N. Y., and R. M. Hicks, Plainfield, N. J., assignors to The Teleregister Corporation, New York, N. Y. Transmitter and code translator. 2,218,424; Oct. 15.
Haselwood, Willis E., Elkhart, Ind. Fishing lure. 2,224,389; Dec. 10.
Haselwood, Willis E., Elkhart, Ind., assignor to South Bend Bait Company, South Bend, Ind. Fishing spoon. 2,213,701; Sept. 3.
Hashimoto, Susumu, Osaka City, Japan. Suction device for gasoline engines. 2,186,673; Jan. 9.
Hasin, Charles C., Brooklyn, N. Y. Phonograph record and package therefor. 2,225,048; Dec. 17.
Haskelite Manufacturing Corporation. (See Kloote, George E., assignor.)
Haskell, Channing C. (See Walling, Walter D., assignor.)
Haskell, David I., Augusta, Maine. Shoe manufacture. 2,185,993; Jan. 2.
Haskell, David I., Augusta, Maine. Shoe manufacture. 2,185,994; Jan. 2.
Haskell, David I., Augusta, Maine. Shoe manufacture. 2,185,995; Jan. 2.
Haskell-Dawes Machine Company. (See Ford, W. R., and Dewhirst, assignors.)
Haskell, Olcott, Sausalito, Calif. Holder for grinding drills. 2,220,326; Nov. 5.
Haskell, Robert K., and H. C. Mann, Watertown, Mass. Variable speed impact machine. 2,188,898; Feb. 6.
Haskell, Roy A. (See Balke, C. W., Hunter, and Haskell.)
Haskell, Stacey H., Clarksburg, Calif. Tool for tightening and buckling belts and straps. 2,220,649; Nov. 5.
Haskin, Byron C., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Composite photography. 2,198,815; Apr. 30.
Haskin, Byron C., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Composite photography. 2,200,358; May 14.
Haskin, Byron C., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Picture projector. 2,206,953; July 9.
Haskin, Herold E. and P. E., Wheatridge, Colo. Combined salt and pepper shaker. 2,216,345; Oct. 1.
Haskin, Paul E. (See Haskin, Herold E. and P. E.)
Haskin, Simon, North Carlton, Victoria, Australia. Machine for beating and dressing furs and the like. 2,187,543; Jan. 16.
Haskins, Charles E., Sioux City, Iowa. Device for cleaning balls. 2,195,303; Mar. 26.
Haskins, Curtiss X., assignor of one-half to I. G. Parsons Spokane, Wash. Rotary cutting machine. 2,200,575, May 14.
Haskins, Joseph F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivatives. 2,190,451; Feb. 13.
Haskins, Joseph F., Hawkesbury, Ontario, Canada, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic product and producing same. 2,202,003; May 28.
Haskins, Joseph F., administrator. (See Ellsworth, Deane C.)
Haskins, Joseph F., administrator. (See Ellsworth, D. C., and Schulze.)
Hasler A.-G. Werke für Telephonie und Prazisionsmechanik. (See Pestalozzi, Karl, assignor.)
Hasler, Maurice F., West Hollywood, and R. W. Lindhurst and P. Cravitz, Los Angeles, Calif. Glow discharge tube. 2,202,101; May 28.
Haslup, Clarence L., assignor to The Troy Sunshade Company, Troy, Ohio. Seat construction. 2,194,120; Mar. 19.
Hasney, Earl J. (See Forshee, J. K., Humphreys, and Hasney.)
Hass, Henry B., West Lafayette, and E. B. Hodge, Terre Haute, assignors to Purdue Research Foundation, La Fayette, Ind. Nitrating hydrocarbons. 2,206,813; July 2.
Hassan, Ameen B., Paris, Tex. Discount machine. 2,212,499; Aug. 27.
Hassan, Joseph A., assignor of one-half to W. F. McIntyre, Quincy, Mass. Signaling apparatus. 2,198,112; Apr. 23.
Hasse, Frank C., La Grange, Ill., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Journal box and making the same. 2,216,773; Oct. 8.
Hasse, Frank C., Chicago, Ill., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Making heavy parts of machinery, and the resulting products. 2,216,774; Oct. 8.
Hasselbach, Alexander, F. Luther, and P. Hille, assignors to G. Polysius, Aktiengesellschaft, Dessau, Germany. Heat exchange apparatus. 2,190,234; Feb. 13.
Hasselbaum, Oscar H., Boston, assignor to Joseph Pollak Corporation, and Aetna Motor Products Corporation, Dorchester, Mass. Control rheostat. 2,205,288; June 18.
Hasselstrom, Torsten, New York, N. Y. Manufacturing tall-oil-free pulp from southern pine. 2,186,295; Jan. 9.

Hasselstrom, Torsten, New York, N. Y. "Sulphate black liquor" talloel rosin and making the same. 2,190,660; Feb. 20.
Hasselstrom, Torsten, assignor to G & A Laboratories, Inc., Savannah, Ga. Producing a resin acid lactone. 2,225,246; Dec. 17.
Hassenfeld, Henry, Providence, R. I. Sketch and paint board set. 2,196,863; Apr. 9.
Hassert, Charles E., assignor of one-half to W. J. Schneider, Cincinnati, Ohio. Combined sliding and swinging window. 2,185,982; Jan. 2.
Hassig, Edward, assignor to Wetmore Reamer Company, Milwaukee, Wis. Cutting tool. 2,227,084; Dec. 31.
Hassig, Edward, assignor to Wetmore Reamer Company, Milwaukee, Wis. Cutting tool and anchorage means therefor. 2,227,085; Dec. 31.
Hassler, Ernest C., assignor to Roots-Connersville Blower Corporation, Connersville, Ind. Fluid handling apparatus. 2,185,338; Jan. 2.
Hassler, Gerald L., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Underground exploration. 2,197,453; Apr. 16.
Hassler, Gerald L., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Soil gas sampling device and method. 2,210,546; Aug. 6.
Hassler, Gerald L., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Portable drilling mechanism. 2,214,370; Sept. 10.
Hassler, Gerald L., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Gas sampling system. 2,223,785; Dec. 3.
Hässler, Gerhard, Berlin-Friedrichshafen, Germany, assignor to General Electric Company. Wave filter. 2,201,338; May 21.
Hassler, Paul M., Batavia, assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Support. 2,207,860; July 16.
Hassman, Fred A., assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Overarm actuating mechanism. 2,218,469; Oct. 15.
Hassman, Fred A., and E. D. Vancil, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Lubricating mechanism for machine tools. 2,226,431; Dec. 24.
Hastings, Arthur C., Jr., South Yarmouth, Mass. Making a spark plug. 2,222,433; Nov. 19.
Hastings, Donald F., Radburn, Fair Lawn, assignor to Hardwick, Hindle, Inc., Newark, N. J. Electric motor controller. 2,193,964; Mar. 19.
Hastings, Herbert, Brighton, and G. E. Ford, assignors to Rochester Manufacturing Co., Inc., Rochester, N. Y. Gauge diaphragm mounting. 2,220,902; Nov. 12.
Hastings, James E., assignor to The L. S. Starrett Company, Athol, Mass. Rule clamp. 2,194,085; Mar. 19.
Hastings, James E., assignor to The L. S. Starrett Company, Athol, Mass. Handle for inside micrometer or the like. 2,199,223; Apr. 30.
Hastings, James I., Murfreesboro, Tenn. Combination taper square. 2,190,404; Feb. 13.
Hastings Manufacturing Company. (See Bauer, Edward L., assignor.)
Hastings Manufacturing Company. (See Phillips, Harold P., assignor.)
Hastings Manufacturing Company. (See Phillips, H. P., and Bauer, assignors.)
Hastings Manufacturing Company, The. See (Wiebke, August, assignor.)
Hastings, Randall. (See Pollak, A., and Hastings.)
Hastings, Roger W., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control for refrigerating apparatus. 2,192,852; Mar. 5.
Hastings, Roger W., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerator control. 2,192,853; Mar. 5.
Hastings, Roger W., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control for refrigerating apparatus. 2,192,854; Mar. 5.
Hastings, Roger W., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerator control. 2,192,855; Mar. 5.
Hastings, Roger W., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control mechanism. 2,225,780; Dec. 24.
Hasty, Albert F. (See Lapsley, R., and Hasty.)
Hasty, J. E. (See Haynes, Albert, assignor.)
Hasty, Joseph P., Wichita, Kans. Weather strip. 2,195,368; Mar. 26.
Haswell, Arthur B., Birmingham, Ala. Roofing sheet. 2,191,383; Feb. 20.
Haswell, Henry L., Palisade, N. J., assignor to H. H. Straus, New York, N. Y. Sharpening a circular knife. 2,207,433; July 9.
Hat Corporation of America. (See Watson, Herbert H., Jr., assignor.)
Hatch, Alexander G., assignor to Fibre Can Machinery Corporation, Rutland, Vt. Container and making same. 2,218,027; Oct. 15.
Hatch, George B. (See Pevere, E. F., Clarke, and Hatch.)
Hatch, James W., West Hartford, assignor to The Bush Manufacturing Company, Hartford, Conn. Refrigerating apparatus. 2,208,528; July 16.
Hatch, James W., and W. J. Burman, Detroit, Mich., assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Braking mechanism. 2,194,853; Mar. 26.
Hatch, Paul F., Ypsilanti, assignor to Harley C. Loney Company, Detroit, Mich. Wheel balancing apparatus. 2,194,936; Mar. 26.
Hatch, Paul F., Ypsilanti, assignor to Harley C. Loney Company, Detroit, Mich. Wheel balancing unit. 2,197,364; Apr. 16.
Hatcher, Ernest C., Northwood, assignor to J. Stone & Company Limited, Deptford, England. Resilient sleeve in transmission gearing. 2,215,926; Sept. 24.
Hatcher, John B. (See Shaffer, A. M., and Hatcher.)
Hatchett, W. H. (See Smith, Floyd S., assignor.)
Hatchette, Andrew H., Cleveland, Ohio. Combined hook and bolt. 2,191,852; Feb. 27.
Hately, Furness H., Greenwich, Conn., assignor to American Felt Company, New York, N. Y. Fluid seal. 2,227,408; Dec. 31.
Hatfield, George A., assignor to The National Supply Company, Torrance, Calif. Valve for gas lift pumping apparatus. 2,223,336; Nov. 26.
Hatfield, George A., Los Angeles, Calif., assignor to The National Supply Company, Pittsburgh, Pa. Pressure actuated valve. 2,223,337; Nov. 26.
Hatfield, Ira. (See Fox, K. R., and Hatfield.)
Hatfield, William H., Sheffield, assignor to Thos. Firth & John Brown Limited, Sheffield, Yorkshire, England. High tensile alloy steel. 2,185,996; Jan. 9.
Hatfield Wire & Cable Co. (See Charmoy, Harry, assignor.)
Hathaway, Claude M., Niskayuna, N. Y., assignor to General Electric Company. Dynamically balanced thermal relay. 2,195,304; Mar. 26.
Hathaway, Claude M., Niskayuna, N. Y., assignor to General Electric Company. Cotinuous thickness gauge. 2,221,516; Nov. 12.
Hathaway, Edgar F., Wellesley, and W. Bixby, Dorchester, assignors to Shawmut Engineering Company, Dorchester, Mass. Wear measuring device. 2,220,040; Oct. 29.
Hathaway, Harlow H., Los Angeles, Calif. Fishhook. 2,215,612; Sept. 24.
Hathaway, Harlow H., Los Angeles, Calif. Fishing hook. 2,215,613; Sept. 24.
Hathaway, Hubert B. (See Young, L. A., Hathaway and Heilman.)
Hathaway, Jarrett L., Manhasset, N. Y., assignor to Radio Corporation of America. Radio apparatus. 2,217,313; Oct. 8.
Hathaway, Jarrett L., Manhasset, N. Y., assignor to Radio Corporation of America. Frequency meter. 2,218,642; Oct. 22.
Hathaway, Jarrett L., Manhasset, N. Y., assignor to Radio Corporation of America. Gain control device. 2,221,541; Nov. 12.
Hathaway, Jarrett L., Manhasset, N. Y., assignor to Radio Corporation of America. Short-wave radiotherapy system. 2,223,447; Dec. 3.
Hathaway, Jarrett L., Manhasset, N. Y., assignor to Radio Corporation of America. Automobile receiver volume control circuit. 2,224,678; Dec. 10.
Hatherell, George A., Roscoe, assignor to F. A. Garbutt, Los Angeles, Calif. Synthetic gum and compounding same. 2,190,021; Feb. 13.
Hatherell, George A., Roscoe, assignor to F. A. Garbutt, Los Angeles, Calif. Chewing gum base and production. 2,197,240; Apr. 16.
Hatherell, George A., Roscoe, assignor to F. A. Garbutt, Los Angeles, Calif. Treating vanadium ores. 2,197,241; Apr. 16.
Hathorn, Charles E., Kenmore, N. Y. Clamp. 2,189,172; Feb. 6.
Hathorn, Charles E., Kenmore, N. Y., assignor to Curtis-Wright Corporation. Rivet and applying same. 2,195,029; Mar. 26.
Hathorn, Charles E., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Tube-bending machine. 2,223,015; Nov. 26.
Hathorn, Clarence J., assignor to Stackpole Carbon Company, St. Marys, Pa. Snap switch. 2,215,816; Sept. 24.
Hattich, William. (See Addis, Charles N., assignor.)
Hatton, Willard J., Columbus, Ohio. Coaster brake. 2,208,073; July 16.
Hatton, William, L. B. Haigh, and L. Kozma, Antwerp, Belgium, assignors to Western Electric Company, Incorporated, New York, N. Y. Dial switching telephone system. 2,201,651; May 21.
Hattox, Erwin M. (See Stahly, E. E., and Hattox.)
Haub, George R., et al. (See Huey, George W., assignor.)
Hauber, Alfred R., Cleveland, Ohio, assignor to M. Hauber. Chair. 2,202,630; May 28.
Hauber, Mary. (See Hauber, Alfred R., assignor.)
Hauck, Heinrich J., Schenectady, N. Y. Flatiron stand and cord support. 2,194,224; Mar. 19.
Hauck, Julius, Ternitz, Austria. Apparatus for the production of goods by centrifugal casting. 2,208,368; July 16.
Hauck, Julius, Ternitz, Austria. Apparatus for the production of goods by centrifugal casting. 2,209,400; July 30.
Hauck, Julius, Ternitz, Austria. Apparatus for centrifugal casting of molten metal. 2,214,133; Sept. 10.

Hauck Manufacturing Company. (See Elze, W. C., and McDowell, assignors.)
Hauck Manufacturing Company. (See Schumann, Alfred F., assignor.)
Hauck Manufacturing Company. (See Schumann, A. F., and Turpin.)
Hauck Manufacturing Company. (See Turpin, Alexander J., assignor.)
Hauck, Vernon D. (See Bennett, J. M., and Hauck.)
Hauel, Anna P., New York, N. Y. Negative electrode for lead-acid storage batteries and producing the same. 2,191,231; Feb. 20.
Hauel, Anna P., New York, N. Y. Producing positive electrodes for lead-acid storage batteries. 2,202,489; May 28.
Hauer, Arthur, Detroit, Mich. Cable lock. 2,190,661; Feb. 20.
Haufe, Walfried. (See Huehn, W., and Haufe.)
Hauff, Thorvald W., and H. H. Holmes, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Nonsetting ammonium nitrate explosive composition and process. 2,222,175; Nov. 19.
Hauffe, Friedrich, Berlin-Friedenau, Germany, assignor to General Electric Company. Control system for electric valve apparatus. 2,209,818; July 30.
Hauffe, Walter. (See Westenberger, R., Hauffe, and Georgi.)
Haug, Eugene H. (See Young, H. E., and Haug.)
Haug, Friedrich, Stuttgart Zuffenhausen, and P. Baur, Stuttgart-Bad Cannstatt, Germany, assignors to Baker Perkins Company, Inc., Saginaw, Mich. Turntable for conveyer assemblies. 2,221,837; Nov. 19.
Haug, Jakob. (See Wendt, F., and Haug.)
Hauge, Andrew, Claremont, N. H., assignor to Claremont Waste Manufacturing Company. Flock cutter. 2,222,073; Nov. 19.
Hauge, Andrew, Claremont, N. H., assignor to Claremont Waste Manufacturing Company. Flock cutter. 2,222,074; Nov. 19.
Haugh, Henry A., Jr., assignor to The Engineering and Research Corporation, New Haven, Conn. Traffic control system. 2,188,348; Jan. 30.
Haugh, Henry A., Jr., New Haven, assignor, by mesne assignments, to the Engineering and Research Corporation, East Norwalk, Conn. Self-regulating automatic traffic control system. 2,219,310; Oct. 29.
Haugh, Raymond R., assignor, by mesne assignments, to Kraft-Phenix Cheese Corporation, Chicago, Ill. Egg candling machine. 2,186,196; Jan. 9.
Haugh, Walter, West Palm Beach, Fla. Window ventilator. 2,194,388; Mar. 19.
Haughton Elevator Company, The. (See Thurston, Ernest B., assignor.)
Haun, Joye C. (See Brown, C. J., and Haun.)
Haunz, Charles F., Maywood, Ill., assignor to The Richardson Company, Lockland, Ohio. Process and apparatus for the production of compositions of lead and its oxides and compositions of related products. 2,211,775; Aug. 20.
Haupt, Adolph, assignor to Middleby-Marshall Oven Co., Chicago, Ill. Stabilized tray oven. 2,201,231; May 21.
Haupt, Charles H., Elizabeth, and E. W. Hall, Westfield, N. J., assignors to Standard Oil Development Company. Resilient seal for floating roofs. 2,190,476; Feb. 13.
Haupt, Hans, Berlin-Zehlendorf, Germany. Folding umbrella. 2,194,389; Mar. 19.
Haupt, Hans, Berlin-Zehlendorf, Germany. Folding umbrella. 2,204,536; June 11.
Haupt, Walter H., Ludlow, assignor to The Kelley-Koett Manufacturing Company, Incorporated, Covington, Ky. Diaphragm of the bucky type. 2,186,107; Jan. 9.
Haupt, Walter H., Ludlow, assignor to The Kelley-Koett Manufacturing Company, Incorporated, Covington, Ky. Two way X-ray tilt table. 2,222,888; Nov. 26.
Haupt, Walter H., Ludlow, assignor to The Kelley-Koett Mfg. Co., Inc., Covington, Ky. X-ray reversible tilt table. 2,224,262; Dec. 10.
Haupt, Walter H., Ludlow, H. S. Ware, Fort Mitchell, and C. Tietig, assignors to The Kelley-Koett Manufacturing Company, Incorporated, Covington, Ky. Shutter for X-ray apparatus and the like. 2,224,077; Dec. 3.
Haupt, William E., Eddystone, Pa., assignor to The Lionel Corporation, New York, N. Y. Toy railway switch throwing mechanism. Re. 21,488; June 25.
Haury, George W., Lakeland, Fla. Resilient coupling for tubing and making the same. 2,211,776; Aug. 20.
Haury, Vernon E. (See Allen, C. C., and Haury.)
Haury, William M., Seattle, Wash. Trolling lure and hook attachment means therefor. 2,214,266; Sept. 10.
Hausamann, George J. (See Lansing, R. P., and Hausamann.)
Hausdorf, Erich, Berlin, Germany. Electrodynamic apparatus. 2,187,236; Jan. 16.
Hausdorff, Fred, New York, N. Y. Cigarette pocket and package. 2,211,420; Aug. 13.
Hause, Gilbert K. (See Pierce, E. R., and Hause.)
Hausen, Helmuth, Solln., near Munich, assignor to Gesellschaft fur Linde's Eismaschinen A. G., Hollriegelskreuth, near Munich, Germany. Heat storer. 2,214,672; Sept. 10.
Hauser, Ernest B., Cedar Rapids, Iowa, assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Heating system. 2,201,312; May 21.
Hauser, Jacob M. (See Tamassy, Jay, assignor.)
Hauser Tea Bag Co. (See Tamassy, Jay, assignor.)
Hauser, William M., assignor to Ely & Walker Dry Goods Company, St. Louis, Mo. Bending plywood. 2,214,673; Sept. 10.
Hauserman, E. F., Company. The. (See Bohnsack, J. A., and Balch, assignors.)
Haushalter, Fred L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Bearing. 2,215,523; Sept. 24.
Hausler, George M., Schenectady, N. Y., assignor to General Electric Company. Controller. 2,210,760; Aug. 6.
Hausman, Walter J., Washington, D. C., assignor to Burnell Machine Company, Incorporated, Wilmington, Del. Line justifier for key operated printing machines. 2,205,289; June 18.
Hausner, Joseph J., New York, N. Y. Concrete block and building brick. 2,209,730; July 30.
Haussmann, Hans. (See Guenther, F., and Haussmann.)
Haussmann, Hans. (See Guenther, F., Haussmann, and Frank.)
Haussmann, Hans. (See Schowalter, W., Haussmann, Neber, Keppler, and Schroeter.)
Haussmann, Hans, Mannheim, and O. Meissner, W. Pinkernelle, and H. Zinke, Uerdingen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Refining of textiles. 2,225,589; Dec. 17.
Hauswirth, Vernon O. (See Zink, W. L., and Hauswirth.)
Haut, Samuel, Brooklyn, N. Y. Tea package. Re. 21,338; Jan. 30.
Hauton, Paul S., Atlanta, Ga. Toilet accessory. 2,214,329; Sept. 10.
Hauton, Paul S., Atlanta, Ga. Key container. 2,218,199; Oct. 15.
Hauts Fourneaux & Acieries de Differdange-St.-Ingbert-Rumelange Société Anonyme. (See Baugnée, Justin, assignor.)
Hautzenroeder, Richard W., Mansfield, Ohio. Transmission. 2,192,078; Feb. 27.
Haux, Elmer H., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparing cellular materials. 2,191,658; Feb. 27.
Haux, Elmer H., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Double glazed window. 2,202,694; May 28.
Haux, Elmer H., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparation of glycol acrylates. 2,215,219; Sept. 17.
Haveles, Evangel A., Los Angeles, Calif. Check roll holder. 2,190,985; Feb. 20.
Haveles, Evangel A., Los Angeles, Calif. Pad holder. 2,200.499; May 14.
Haveles, Evangel A., Los Angeles, Calif. Check pad casing. 2,222,258; Nov. 19.
Haven, Charles D., assignor, by mesne assignments, to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Multiple glass sheet glazing unit. 2,213,468; Sept. 3.
Haven, Franklin K., Reading, Mass., assignor to The Lamson Company, Syracuse, N. Y. Pneumatic dispatch system. 2,207,434; July 9.
Haven, George B., Lime Springs, Iowa. Milk and cream dispenser. 2,207,196; July 9.
Havener, Arthur R., Wayland, assignor to Judson L. Thomson Manufacturing Company, Waltham, Mass. Multiple anvil for fastener setting machines. 2,187,517; Jan. 16.
Havens, Walter B., assignor of one-half to E. V. Bedford, Osawatomie, Kans. Air pressure pumping mechanism. 2,223,417; Dec. 3.
Haver, Fritz W., Oelde Westphalia, Germany. Bag filling machine. 2,202,655; May 28.
Haverbach, Joseph C., Hartford, Conn. Golf ball retriever. 2,213,190; Sept. 3.
Haversack, Frederick W., assignor of one-half to Sacramento Pipe Works, Sacramento, Calif. Pipe-forming machine. 2,219,742; Oct. 29.
Havey, Philip F., Washington, D. C. Cigarette holder. 2,207,197; July 9.
Haviland, Ebenezer W., Brookeville, Md. Fly swatter. 2,189,360; Feb. 6.
Havill, Clinton H., South Orange, assignor to Eclipse Aviation Corporation, East Orange, N. J. Propeller pitch indicator. 2,192,790; Mar. 5.
Havill, Clinton H., South Orange, assignor to Eclipse Aviation Corporation, East Orange, N. J. Breech construction and operation. 2,221,706; Nov. 12.
Havlis, Adolph J., Oak Park, assignor to Keystone Metal Products Co., Chicago, Ill. Tumbler rack. 2,191,693; Feb. 27.
Hawaiian Pineapple Company. (See Fox, H. S., and Emerson, assignors.)
Hawaiian Pineapple Company. (See Hjelte, Marshall C., assignor.)
Hawaiian Pineapple Company. (See Hjetle, M. C., and Todd, assignors.)
Hawaiian Pineapple Company. (See Serai, Kiichi, assignor.)
Hawaiian Pineapple Company. (See Stanley, Albert E., assignor.)
Hawaiian Pineapple Company. (See Todd, F. N., and Emerson, assignors.)
Hawgood, Harvey R., assignor to The Lees-Bradner Company, Cleveland, Ohio. Machine tool. 2,224,817; Dec. 10.

Hawie, Gabriel S., assignor to The Hawie Manufacturing Co., Bridgeport, Conn. Clasp. 2,219,991; Oct. 29.
Hawie Manufacturing Company, The. (See Hawie, Gabriel S., assignor.)
Hawk, Edgar A., Birmingham, Ala., assignor to W. J. Bullock, Inc. Recovery of zinc from dross. 2,215,961; Sept. 24.
Hawker, Roland G., Burlington, Vt. Bibb seating tool. 2,209,021; July 23.
Hawkins, Albert E., Wood-Ridge, N. J., assignor to J. M. Lehmann Co., Inc., New York, N. Y. Roller mill. 2,199,340; Apr. 30.
Hawkins, Charles A., Fresno, Calif. Vehicle. 2,210,485; Aug. 6.
Hawkins, Eugene G., Seattle, Wash. Deaerating frozen foods. 2,190,151; Feb. 13.
Hawkins, Leon G., Denver, Colo. Crushing and grinding machine. 2,200,576; May 14.
Hawkins, Paul E., Lakewood, assignor to The Baker-Raulang Company, Cleveland, Ohio. Utility truck. 2,222,616; Nov. 26.
Hawkins, Richard P., assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,194,937; Mar. 26.
Hawkins, Wilford J., Claiborne, Md., and E. T. Oakes, Douglaston, assignors to National Biscuit Company, New York, N. Y. Cooling tunnel. 2,212,916; Aug. 27.
Hawkinson, John L., Hartford, Conn. Container. 2,195,532; Apr. 2.
Hawkinson, Sverre J., Berlin, assignor of twenty per cent to M. Hamlin, Milan, N. H. Chimney cleaning device. 2,208,901; July 23.
Hawks, Otis J., Norfolk, Va., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Automatic clutch. 2,197,469; Apr. 16.
Hawks, Verl J., Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Measuring and indicating circuits. 2,207,253; July 9.
Hawksworth, David W., Birmingham, Mich., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Antiskid tread for running boards and the like. 2,214,247; Sept. 10.
Hawley, Amos H. (See Romaine, M., Hawley, and Horlacher.)
Hawley, Amos H., Sr. (See Vancil, E. D., and Hawley.)
Hawley, Charles G., Chicago, Ill., assignor, by mesne assignments, to Downflow Syphon Company, Cleveland, Ohio. Thermic siphon and the like. 2,186,413; Jan. 9.
Hawley, Charles G., Chicago, Ill., assignor to Centrifix Corporation, Cleveland, Ohio. Contacting process and apparatus. 2,189,491; Feb. 6.
Hawley, Charles G., Chicago, Ill., deceased; H. H. Degenhardt and V. T. Hawley, executrices, assignors to V. T. Hawley. Method and apparatus for the treatment of sewage. 2,211,565; Aug. 13.
Hawley, Charles G., deceased, Chicago, Ill., H. H. Degenhardt and V. T. Hawley, executrices, assignors to V. T. Hawley. Emulsion breaker. 2,214,248; Sept. 10.
Hawley, Charles G., deceased, Chicago, Ill., H. H. Degenhardt and V. T. Hawley, executrices, assignors, by mesne assignments, to Hawley Engineering Corporation, Cleveland, Ohio. System of water purification and waste recovery. 2,226,532; Dec. 31.
Hawley, Charles G., assignor to Downflow Syphon Company, Cleveland, Ohio. Cinder pulverizer. 2,186,414; Jan. 9.
Hawley, Charles G., assignor to Centrifix Corporation, Cleveland, Ohio. Extractor. 2,216,389; Oct. 1.
Hawley, Charles G., assignor to Centrifix Corporation, Cleveland, Ohio. Tar extractor. 2,216,390; Oct. 1.
Hawley, Don M. (See Bauer, Hans F. and J. V., and Hawley.)
Hawley, Don M. (See Bauer, J. V., and Hawley.)
Hawley, Edward T., St. Petersburg, Fla. Combined weight and swivel device. 2,214,961; Sept. 17.
Hawley Engineering Corporation. (See Hawley, Charles G., assignor.)
Hawley, Jesse B. (See Sloan, Edward C., assignor.)
Hawley, Jesse G., Painted Post, assignor to Hawley-Jones Corporation, Riverside, N. Y. Brake. 2,212,523; Aug. 27.
Hawley, Jesse G., Painted Post, assignor to Hawley-Jones Corporation, Riverside, N. J. Equalizing mechanism. 2,213,213; Sept. 3.
Hawley, John B., Jr., assignor to Reconstruction Finance Corporation, Minneapolis, Minn. Rotary radial piston pump. 2,190,066; Feb. 13.
Hawley, John B., Jr., assignor to Reconstruction Finance Corporation, Minneapolis, Minn. Rotary pump. 2,195,886; Apr. 2.
Hawley, John B., Jr., assignor to Reconstruction Finance Corporation, Minneapolis, Minn. Submersible pump. 2,217,746; Oct. 15.
Hawley, John B., Jr., assignor to Reconstruction Finance Corporation, Minneapolis, Minn. Submersible pump motor. 2,218,003; Oct. 15.
Hawley, John B., Jr., I. Nelson, and D. F. Hallberg, Minneapolis, Minn., and E. Cannon, Rockville Centre, N. Y., assignors to Owens-Illinois Glass Company. Hydraulic machine for molding glass articles. 2,225,631; Dec. 24.
Hawley-Jones Corporation. (See Hawley, Jesse G., assignor.)
Hawley, Melville S., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone receiver. 2,202,906; June 4.
Hawley, Oscar J., Milwaukee, Wis. Vending machine. 2,211,061; Aug. 13.
Hawley, Paul F., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Electrical logging of wells. 2,206,890; July 9.
Hawley, Paul F., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Electrical logging of earth formations. 2,206,891; July 9.
Hawley, Paul F., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Electrical logging of earth formations. 2,206,892; July 9.
Hawley, Paul F., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Method and apparatus for logging wells. 2,206,893; July 9.
Hawley Products Company, et al. (See Price, S., and Sloan, assignors.)
Hawley, Thomas G., Jr. (See Teague, M. C., and Hawley.)
Hawley, Thomas G., Jr., Naugatuck, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Making elastic fabrics. 2,196,808; Apr. 9.
Hawley, Virginia T., et al., executrices. (See Hawley, Charles G.)
Haworth, James P., Portland, Oreg. Pelleting machine. 2,186,415; Jan. 9.
Haworth, John W. (See Heilbron, I. M., Hey, and Haworth.)
Hawthorn, David G., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Drill stem section. 2,197,392; Apr. 16.
Hawthorn, David G., and J. E. Owen, Tulsa, Okla., assignors to Geophysical Research Corporation, New York, N. Y. Drill stem circuit tester. 2,189,900; Feb. 13.
Hawthorne, Herbert J. (See Heathman, J. T., and Hawthorne.)
Hawtin, Philip R. (See Rooney, J. H., and Hawtin.)
Hay, Donald L., deceased, by M. K. Hay, executrix, Washington, D. C. Fluid pressure reducing valve. 2,187,739; Jan. 23.
Hay, Harold K., assignor to Monsanto Chemical Company, St. Louis, Mo. Wood preservation. 2,209,970; Aug. 6.
Hay, Lum Wah. (See Chew, William L., assignor.)
Hay, Matilda K., executrix. (See Hay, Donald L.)
Hayashi, Taku. (See Niwa, Y., Kobayashi, and Hayashi.)
Haybeck, Robert, Brooklyn, N. Y. Fire escape. 2,220,239; Nov. 5.
Hayden, Albert P. (See Gleason, G. A., and Hayden.)
Hayden, Albert P., and G. A. Gleason, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Two-purpose highway guardrail. 2,201,313; May 21.
Hayden, Albert S., assignor of one-half to J. S. Grogan, Kimball, W. Va. Automatic car stop. 2,204,102; June 11.
Hayden, Merrill A. (See Nye, H. C., and Hayden.)
Hayden, Roosevelt A., assignor of one-third to H. Hardy, one-third to N. Brown, and one-third to C. W. Brown, Chicago, Ill. Reversible heel. 2,208,260; July 16.
Hayden, Samuel, Chicago, Ill., and C. J. Amick, Los Angeles, Calif., assignors to Century Metalcraft Corporation, Chicago, Ill. Removable handle for utensils. 2,220,879; Nov. 12.
Hayes, Arthur D., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Saddle and mounting therefor. 2,193,455; Mar. 12.
Hayes, Ben E. (See Bayley, W. M., and Hayes.)
Hayes, Carl I., Providence, R. I. Heat treatment atmosphere. 2,192,191; Mar. 5.
Hayes, Carlton Z., Buffalo, assignor of one-third to W. L. Bradley, Eggertsville, and one-third to R. H. Gowland, Buffalo, N. Y. Window sash fastener or holder. 2,202,952; June 4.
Hayes, Cecil, and L. C. Chouings, assignors to Automotive Products Company Limited, London, England. Internal shoe brake. 2,208,293; July 16.
Hayes, Frank A., Middletown, N. J. Variable speed power transmission mechanism. 2,201,176; May 21.
Hayes, Garland, Lake Charles, La. Paper hanger's instrument. 2,198,613; Apr. 30.
Hayes, Hal, Los Angeles, Calif. Portable crane. 2,200,274; May 14.
Hayes, Helen, New York, N Y. Greeting replica. 2,205,262; June 18.
Hayes Industries, Inc. (See Cary, Beecher B., assignor.)
Hayes Industries, Inc. (See Hollerith, Charles, assignor.)
Hayes Industries, Inc. (See Hollerith, C.., and Cary, assignors.)
Hayes, John C., Jr. (See Clemmitt, W. B., and Hayes.)
Hayes, Joseph A. (See Hazard, C. S., and Hayes.)
Hayes, Loren A., Elyria, and W. T. Mahla, Lorain, Ohio, assignors to National Tube Company. Self-centering chuck. 2,215,927; Sept. 24.
Hayes, Samuel E., Marion, and R. L. Wise, Anderson, Ind. Tensioning support for visible packages. 2,206,635; July 2.
Hayes Track Appliance Company. (See Bradbury, Clifford C., assignor.)

Hayes, Wilbur A., and J. C. Ryan, assignors to Colonial Radio Corporation, Buffalo, N. Y. Soldering iron. 2,219,649; Oct. 29.
Hayes, William T. (See Johnson, M. W., and Hayes.)
Hayne, Robert C., Brooklyn, N. Y. Folding step stool. 2,206,092; July 2.
Haynes, Albert, Bay City, assignor of one-half to J. E. Hasty, Houston, Tex. Interior pipe cleaner. 2,201,680; May 21.
Haynes, Cecil J., Houston Tex., assignor to Standard Oil Development Company. Well-logging electrode. 2,202,656; May 28.
Haynes, George P., East Rockaway, N. Y. Blow-off valve. 2,188,391; Jan. 30.
Haynes, George R. Danville, Va. Sash holder. 2,218,149; Oct. 15.
Haynes, Herbert H., Clarksburg, W. Va. Hospital bed. 2,197,304; Apr. 16.
Haynes, Ralph B. (See Ashby, C. T., and Hayne.)
Haynes Stellite Company. (See Bishop, Claude R., assignor.)
Haynes Stellite Company. (See Franks, Russell, assignor.)
Haynes Stellite Company. (See Smith, Edward F., assignor.)
Haynes Stellite Company. (See Wissler, William A., assignor.)
Hays Corporation, The. (See Sprague, P. T., and Soller, assignors.)
Hays, David, Fairfield, Conn., assignor to General Electric Company. Control for wringers. 2,188,812; Jan. 30.
Hays, David, Fairfield, Conn., assignor to General Electric Company. Washing machine mechanism. 2,215,288; Sept. 17.
Hays, Donald S., Redondo, Calif. Flexible operating means. 2,194,471; Mar. 26.
Hays, Hammond V. (See Smith, Philip N., assignor.)
Hays, James B., Urbana, Ill. Emulsifier. 2,198,614; Apr. 30.
Hays, Robert F., Jr., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Making a seal for discharge devices. 2,215,644; Sept. 24.
Hayter, Bruce, and M. D. Huston, assignors to Oil Devices, Santa Fe, N. Mex. Duplex burner and combustion chamber therefor. 2,227,086; Dec. 31.
Hayward, Arthur S. (See Gayter, E., and Hayward.)
Hayward, Arthur S. (See Scott, R. H., Gorse, and Hayward.)
Hayward Company, The. (See Atkinson, Herbert S., assignor.)
Hayward, John T., Tulsa, Okla. Apparatus for detecting oil in well drilling. 2,213,138; Aug. 27.
Hayward, John T., Tulsa, Okla. Logging wells. 2,214,674; Sept. 10.
Hayward, John T., and E. H. Cooley, Tulsa, Okla. Apparatus for measuring well depths and well strings. 2,221,767; Nov. 19.
Hayward, John T., and E. E. Huebotter, Tulsa, Okla.; said Huebotter assignor to National Lead Company. Controlling the properties of drilling fluids. 2,219,312; Oct. 29.
Hayward, Landes H., Los Angeles, and C. O. Harper, Inglewood, Calif., said Harper assignor to said Hayward. Apparatus for cementing wells. 2,214,555; Sept. 10.
Hayward, Ralph A., assignor to Kalamazoo Vegetable Parchment Company, Parchment, Mich. Parchmentized paper. 2,207,122; July 9.
Hayward, Roger. (See Strong, J. D., and Hayward.)
Haywood, Carl, Indianapolis, Ind. Solar-absorption cooling system for building structures. 2,221,971; Nov. 19.
Haywood, Gerald, Westernport, Md., assignor, by mesne assignments, to West Virginia Pulp & Paper Company, New York, N. Y. Apparatus for producing calcium sulphite. 2,191,467; Feb. 27.
Haywood, Gerald, Westernport, Md., assignor, by mesne assignments, to West Virginia Pulp & Paper Company, New York, N. Y. Calcium sulphite and producing the same. 2,210,405; Aug. 6.
Hazard, Charles S., New York, N. Y., assignor to Neptune Meter Company. Air release for liquid measuring systems. 2,186,069; Jan. 9.
Hazard, Charles S., New York, N. Y., assignor to Neptune Meter Company. Safety device for dispensing pumps. 2,191,154; Feb. 20.
Hazard, Charles S., New York, N. Y., assignor to Neptune Meter Company. Dispensing pump. 2,213,278; Sept. 3.
Hazard, Charles S., New York, N. Y., and J. A. Hayes, Camp Hill, Pa., assignors to Neptune Meter Company. Meter construction. 2,216,944; Oct. 8.
Hazel-Atlas Glass Company. (See Bromley, Raymond V., assignor.)
Hazel-Atlas Glass Company. (See Headley, Dore O., assignor.)
Hazel-Atlas Glass Company. (See Redman, Frank, assignor.)
Hazel-Atlas Glass Company. (See Ross, James W., assignor.)
Hazel-Atlas Glass Company. (See Ross, J. W., and Crosbie, assignors.)
Hazel-Atlas Glass Company. (See Williams, J. J., and Bauman, assignors.)
Hazel, Clair T., assignor of one-half to R. C. Noll, Pleasant Gap, Pa. Electrocuting trap. 2,191,127; Feb. 20.
Hazel, Henry Y., Wichita, Kans. Beet topping machine. 2,220,240; Nov. 5.
Hazeltine, Benjamin P., Wheeling, W. Va. Straightening machine. 2,199,130; Apbr. 30.
Hazeltine Corporation. (See Bligh, N. R., and Bloch, assignors.)
Hazeltine Corporation. (See Case, Nelson P., assignor.)
Hazeltine Corporation. (See Cawein, Madison, assignor.)
Hazeltine Corporation. (See Curtis, Leslie F., assignor.)
Hazeltine Corporation. (See Curtis, L. F., and Farrington, assignors.)
Hazeltine Corporation. (See Farrington, John F., assignor.)
Hazeltine Corporation. (See Freeman, Robert L., assignor.)
Hazeltine Corporation. (See Granqvist, Carl-Erik, assignor.)
Hazeltine Corporation. (See Harnett, Daniel E., assignor.)
Hazeltine Corporation. (See Harnett, D. E., and Farrington, assignors.)
Hazeltine Corporation. (See Harnett, D. E., and Wheeler, assignors.)
Hazeltine Corporation. (See Hergenrother, Rudolf C., assignor.)
Hazeltine Corporation. (See Hershey, Lloyd M., assignor.)
Hazeltine Corporation. (See Lewis, Harold M., assignor.)
Hazeltine Corporation. (See Loughren, Arthur V., assignor.)
Hazeltine Corporation. (See Lyons, Walter, assignor.)
Hazeltine Corporation. (See Simpson, A. I. F., and Stenning, assignors.)
Hazeltine Corporation. (See Wheeler, Harold A., assignor.)
Hazeltine Corporation. (See Wheeler, H. A., and Farrington, assignors.)
Hazeltine Corporation. (See Wheeler, H. A., and Wilson, assignors.)
Hazeltine Corporation. (See Wilson, John C., assignor.)
Hazelton, Benjamin F., Jr., Toledo, Ohio, and W. P. Zimmerman and M. K. Holmes, Muncie, Ind., assignors to Owens-Illinois Glass Company. Double glazing. 2,198,578; Apr. 23.
Hazelton, George, Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Heel-seat fitting machine. 2,187,150; Jan. 16.
Hazelton, George, Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Heel-seat fitting machine. 2,190,784; Feb. 20.
Hazelton, George, Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Sole-fitting machine. 2,204,676; June 18.
Hazelton, George, Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Heel-seat fitting machine. 2,215,524; Sept. 24.
Hazelton, Neal W. (See Rothenberger, R. J., and Hazleton.)
Hazen, Ronald M., and T. S. McCrae, Jr., Indianapolis, Inc., assignors to General Motors Corporation, Detroit, Mich. Welded two-piece light alloy piston. 2,198,771; Apr. 30.
Hazeu, Hendrik A. G. (See Giskes, W., and Hazeu.)
Hazey, George W., Cleveland, Ohio, assignor of twenty-five per cent to R. C. Tuma, Los Angeles, Calif., six and two-thirds to H. H. Handelman, Cleveland, ten per cent to E. Gadd, Leavittsburg, and twenty-five per cent to E. C. Tuma, Cleveland, Ohio. Apparatus for eliminating pipe, etc., in metals. 2,190,209; Feb. 13.
Hazle, Albert J., Jr. (See Berry, E. G., Hazle, and Williams.)
Hazle, Albert J., Jr., assignor to B. F. Gump Company, Chicago, Ill. Apparatus for preparing granular coffee. 2,204,591; June 18.
Hazlett, William D., Dayton, Ohio. Navigation instrument. 2,206,895; July 9.
Heacock, Howard L. (See Phillips, H. P., Heacock, and Larsen.)
Headland, Olga, Moorhead, Minn. Treating and preparing vegetables. 2,192,041; Feb. 27.
Headlee, Alvah J. W., Morgantown, W. Va. Purifying gases containing sulphur compounds as impurities. 2,215,754; Sept. 24.
Headley, Dore O., Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Apparatus for manufacturing bottles. 2,226,905; Dec. 31.
Headrick, Lewis B., Short Hills, N. J., assignor to Radio Corporation of America. Cathode ray tube. 2,202,631; May 28.
Headrick, Lewis B., Short Hills, N. J., assignor to Radio Corporation of America. Distortion correction for television systems. 2,210,078; Aug. 6.
Heady, Paul A., South Pasadena, Calif. Electric switch. 2,204,892; June 18.
Heald Machine Company, The. (See Blood, Harold L., assignor.)
Heald Machine Company, The. (See Guild, Waldo J., assignor.)
Heald Machine Company, The. (See Heald, Richard A., assignor.)
Heald Machine Company, The. (See Hintermeyer, Alfred E., assignor.)

Heald Machine Company, The. (See Schmidt, W. D., and Blood, assignors.)
Heald, Richard A., assignor to The Heald Machine Company, Worcester, Mass. Offsetting arrangement for boring tools and the like. 2,222,313; Nov. 19.
Heald, Robert F., Nutley, and R. J. Mehaffey, Union City, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Tooth powder. 2,196,150; Apr. 2.
Healy, Francis P., assignor to Van Norman Machine Tool Company, Springfield, Mass. Boring bar guiding mechanism. 2,189,604; Feb. 6.
Healy, Francis P., assignor to Van Norman Machine Tool Company, Springfield, Mass. Tool guide for boring machines. 2,196,827; Apr. 9.
Healy, Francis P., assignor to Van Norman Machine Tool Company, Springfield, Mass. Boring head. 2,204,855; June 18.
Healy, Francis P., assignor to Van Norman Machine Tool Company, Springfield, Mass. Boring bar guiding mechanism. 2,207,861; July 16.
Heaps, John and J. M., New Westminster, British Columbia, Canada. Saw setting device for edgers. 2,190,152; Feb. 13.
Heaps, John M. (See Heaps, John and J. M.)
Heard, Edmund F. (See Furman, Eugene C., assignor.)
Heard, Llewellyn, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Nickel borate catalyst. 2,193,814; Mar. 19.
Heard, Llewellyn, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Catalytic dehydrogenation and the like. 2,193,815; Mar. 19.
Heard, Llewellyn, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Catalysts and preparing them. 2,205,140; June 18.
Heard, Llewellyn, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Dehydrogenation of hydrocarbons. 2,205,141; June 18.
Heard, Llewellyn, Hammond, Ind., and A. G. Oblad, assignors to Standard Oil Company, Chicago, Ill. Motor fuel. 2,209,458; July 30.
Heard, Norris J., Hazelhurst, Miss. Detachable tub leg. 2,210,930; Aug. 13.
Hearing, Irvin I., Hammonton, N. J. Umbrella marker. 2,204,307; June 11.
Hearley, Clarence A. (See Uccusic, K., and Hearley.)
Hearn, Thomas, Ludlow, Ky., assignor to The Globe-Wernicke Company, Norwood, Ohio. Wastebasket. 2,225,110; Dec. 17.
Hearne, George. (See Groll, H. P. A., and Hearne.)
Heaslet, James G., Hudson, assignor to The Cleveland Tractor Company, Cleveland, Ohio. Tractor fender guard. 2,211,654; Aug. 13.
Heaslet, James G., Hudson, assignor to The Cleveland Tractor Company, Cleveland, Ohio. Fuel tank and bonnet support. 2,217,251; Oct. 8.
Heaslet, James G., Hudson, assignor to The Cleveland Tractor Company, Cleveland, Ohio. Tractor steering mechanism. 2,222,904; Nov. 26.
Heaslet, James G., assignor to The Cleveland Tractor Company, Cleveland, Ohio. Front end suspension for track-laying tractors. 2,223,802; Dec. 3.
Heasley, Loyd E. (See Covell, H. S., Heasley, and Cole.)
Heasley, Loyd E., and N. E. Cole, assignors to Hart & Cooley Manufacturing Company, Holland, Mich. Grille. 2,204,356; June 11.
Heaston, John W. (See Johnson, Jack, assignor.)
Heath, Almon A., Hawthorne, Calif. Stencil film. 2,203,280; June 4.
Heath, Clarence E. (See Bodenheim, F. A., and Heath.)
Heath, Delos P., Hillsdale, Mich. Refrigeration apparatus. 2,191,715; Feb. 27.
Heath, Frederick, assignor to The Heath Unit Tile Company, Tacoma, Wash. Hollow block masonry construction. 2,185,196; Jan. 2.
Heath, George F., St. Louis, Mo. Conduit. 2,189,207; Feb. 6.
Heath, Harry C., San Francisco, Calif. Ore separator. 2,198,816; Apr. 30.
Heath, Sheldon B., and F. R. Minger, assignors to The Dow Chemical Company, Midland, Mich. Comminuting fusible materials such as sulphur. 2,190,922; Feb. 20.
Heath, Sheldon B., and W. L. Scoles, assignors to The Dow Chemical Company, Midland, Mich. Phenol compositions. 2,196,988; Apr. 16.
Heath, Sheldon B., and M. O. Keller, assignors to The Dow Chemical Company, Midland, Mich. Insecticidal composition. 2,210,929; Aug. 13.
Heath, Sheldon B., and W. R. Bennett, assignors to The Dow Chemical Company, Midland, Mich. Preparation of sodium thiocarbonate. 2,221,796; Nov. 19.
Heath Unit Tile Company, The. (See Heath, Frederick, assignor.)
Heather, Charles H., and C. M. Bagshaw, Leicester, England, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Apparatus for moistening soles. 2,226,769; Dec. 31.
Heathman, James T., and H. J. Hawthorne, Conroe, Tex. Fluid separator. 2,224,345; Dec. 10.
Heatless Light Corporation. (See Lucian, Arsene N., assignor.)
Heaton, Thomas L., Blytheville, Ark. Coin controlled vending and change making machine. 2,195,305; Mar. 26.
Heat Seal Corporation. (See Glunz, Henry F., assignor.)
Heavens, E. M. (See Pohm, G. H., and Stocker, assignors.)
Hebard, Glen G. (See Carr, R. H., Hebard, Henderson, and Heinish.)
Hebard, Glen G. (See Younger, N., and Hebard.)
Hebard, Hugh C., Greenford, England, assignor to Johnson Laboratories Incorporated, Chicago, Ill. Inductance coil fitted with iron dust core. 2,213,311; Sept. 3.
Hebbard, George M., and L. E. Lloyd, assignors to The Dow Chemical Company, Midland, Mich. Recovery of diolefins from hydrocarbon mixtures. 2,188,899; Feb. 6.
Hebbard, George M., and L. E. Lloyd, assignors to The Dow Chemical Company, Midland, Mich. Recovery of gaseous diolefins. 2,189,173; Feb. 6.
Hebel, Martin, Oberbayern, Germany. Metering device. 2,222,905; Nov. 26.
Hebel, Martin, Hechendorf-on-the-Pilsensee, Upper Bavaria, Germany. Telephone installation. 2,223,803; Dec. 3.
Hebel, Martin, Hechendorf-on-the-Pilsensee, Upper Bavaria, Germany. Telephone installation. 2,225,386; Dec. 17.
Hebel, Martin, Oberbayern, and K. Gundlfinger, Frankfort-on-the-Main, Germany, assignors to Autophon Aktiengesellschaft, Solothurn, Switzerland. Telegraph installation. 2,224,078; Dec. 3.
Heberlein, George, Jr., E. Weiss, and H. Hemmi, Wattwil, Switzerland, assignors to Heberlein Patent Corporation, New York, N. Y. Rendering cellulose-containing material crease-resistant and products obtained thereby. 2,205,120; June 18.
Heberlein Patent Corporation. (See Heberlein, G., Jr., Weiss, and Hemmi, assignors.)
Heberlein Patent Corporation. (See Kaase, W., and Waltmann, assignors.)
Heberlein Patent Corporation. (See Schirm, Erik, assignor.)
Heberlein Patent Corporation. (See Waltmann, Ernst, assignor.)
Heberlein Patent Corporation. (See Weiss, Ernst, assignor.)
Hebermehl, Reinhard. (See Desamari, K., and Hebermehl.)
Hebert, Howard J. (See Woolley, K. C., and Hebert.)
Hechenbleikner, Ingenuin, and N. Titlestad, assignors to Chemical Construction Corporation, Charlotte, N. C. Sulphate conversion system. 2,215,394; Sept. 17.
Hechler, Ernest J., Troy, Mo. Saw. 2,224,867; Dec. 17.
Hecht, Hermann. (See Hubert, E., Pabst, and Hecht.)
Hechtenberg, W. (See Zerweck, W., and Hechtenberg.)
Heck, Wilhelm. (See Wilcken, K., Kliepmt, Fritz, and Heck.)
Heckel, Fred J., Bradford, Pa. Plastic and producing same. 2,221,378; Nov. 12.
Heckel, Heinrich, Dinslaken, and O. Roelen, Oberhausen-Holten, Germany, assignors, by mesne assignments, to Hydrocarbon Synthesis Corporation, Linden, N. J. Preparation of catalysts. 2,219,042; Oct. 22.
Hecker, Hyman, et al. (See Hilberth, Karl P., assignor.)
Hecker, Roy H. (See Klumb, C. E., and Hecker.)
Heckert, Frederick W., Oakwood, assignor to Curtis Pump Company, Dayton, Ohio. Drive and seal for pumps and the like. 2,192,588; Mar. 5.
Heckert, Winfield W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic structure and making the same. 2,191,887; Feb. 27.
Heckert, Winfield W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lamellar trisodium phosphate hydrate. 2,204,357; June 11.
Heckert, Winfield W., Wilmington, and J. E. Kirby, Holly Oak, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Lameller trisodium phosphate hydrate. 2,204,358; June 11.
Hecking, Theodore W., and G. O. Tapper, Oceanport, N. J. Electric switch. 2,213,960; Sept. 10.
Heckler, Christian R. (See Dow, D. M., Burmeister, and Heckler.)
Heckmaier, Joseph, and F. Kaufler, Munich, assignors to Alexander Wacker Gesellschaft für Elektrochemische Industrie G. m. b. H., Munich, Bavaria, Germany. Dialkoxy substituted glycols and preparing same. 2,215,583; Sept. 24.
Heckman, Eugene M., Bellevue, Pa. Gas purification. 2,208,029; July 16.
Heckman, Joseph C., Pittsburgh, Pa. Pigment. 2,203,905; June 11.
Heckman, Walter C., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine bucket wheel. 2,221,678; Nov. 12.
Heckman, Walter C., Schenectady, N. Y., assignor to General Electric Company. Making elastic fluid turbine buckets. 2,221,679; Nov. 12.
Heckman, William H., Chicago, Ill. Journal bearing. Re. 21,330; Jan. 23.
Heckman, William H., Chicago, Ill. Journal bearing. 2,198,615; Apr. 30.
Hecox, Clarence W., Arlington, Va. Weed puller. 2,185,552; Jan. 2.
Hector, Luther G., Buffalo, and H. L. Schultz, Cassadaga, assignors to Buffalo Pressed Steel Company, Inc. Buffalo, N. Y. Muffler. 2,194,550; Mar. 26.
Hector, Morris, Royalties, Alberta, Canada. Safety cleaning tool. 2,221,137; Nov. 12.

Hedberg, Carl W. J., Bound Brook, N. J., and L. N. Bonacci, Tresckow, Pa., assignor to Research Corporation, New York, N. Y. Gas treater. 2,215,267; Sept. 17.
Heddendorf, George B. (See Lang, W., and Heddendorf.)
Heddon's James, Sons. (See McArthur, Joseph, assignor.)
Heden, Folke, assignor to Fred Fear & Co., Brooklyn, N. Y. Soluble egg dye. 2,199,201; Apr. 30.
Hedenburg, Oscar F., Pittsburgh, Pa., assignor to Rex Research Corporation, Toledo, Ohio. Resolving emulsions. 2,190,022; Feb. 13.
Hedges, William D. (See Hyatt, C. S., and Hedges.)
Hedgpeth, Theron L., Oak Park, assignor to Duro Metal Products Company, Chicago, Ill. Mounting for power tool. 2,188,595; Jan. 30.
Hedgpeth, Theron L., Oak Park, assignor to Duro Metal Products Company, Chicago, Ill. Power driven tool 2,208,843; July 23.
Hedgpeth, Theron L., Oak Park, assignor to Duro Metal Products Company, Chicago, Ill. Power tool. 2,218,168; Oct. 15.
Hedgpeth, Theron L., Oak Park, assignor to Duro Metal Products Company, Chicago, Ill. Woodworking tool. 2,225,049; Dec. 17.
Hedin, Oscar C., Minneapolis, Minn. Counterbore. 2,207,542; July 9.
Hedin, Oscar C., Minneapolis, Minn., assignor to The Weldon Tool Company, Cleveland, Ohio. Counterboring tool. 2,226,226; Dec. 24.
Hedin, Uno C., and C. H. Larson, Elkhart, Ind., assignors to The Adlake Company. Mercury switch relay and circuit. 2,208,271; July 16.
Hedlund, William T., New Rochelle, assignor to Servel, Inc., New York, N. Y. Refrigerator. 2,199,881; May 7.
Hedlund, William T., New Rochelle, assignor to Servel, Inc., New York, N. Y. Refrigerator. 2,215,665; Sept. 24.
Hedman, Oscar A., San Francisco, Calif. Spring tension parting strip. 2,215,395; Sept. 17.
Hedmark, Henning B., Hedemora, Sweden. Thermostatically operated valve. 2,216,346; Oct. 1.
Hedrich, Richard, Sr., assignor of one-half to A. P. Myers, Los Angeles, Calif. Interlocking roofing tile. 2,226,560; Dec. 31.
Hedrick, Gale H., assignor of one-half to I. A. Simon, Pittsburgh, Pa. Stabilizer. 2,215,755; Sept. 24.
Hedrick Manufacturing Company. (See Clark, Thomas J., assignor.)
Hedstrom, Carl W., assignor to Hedstrom-Union Company, Gardner, Mass. Child's vehicle. 2,226,098; Dec. 24.
Hedstrom-Union Company. (See Hedstrom, Carl W., assignor.)
Hedstrom, Wilhelm A., Seattle, Wash. Frictionally positioned fireplace damper. 2,207,291; July 9.
Heekin Can Company, The. (See Sayre, Richard L., assignor.)
Heenan & Froude Limited. (See Walker, George H., assignor.)
Heer, Ludwig. (See Baumann, P., Heer, Krapp, and Nowag.)
Heer, Ludwig. (See Meyer-Delius, H., Heer, and Baumann.)
Heer, Ludwig, Ludwigshafen-on-the-Rhine, and P. Baumann, Leuna, Germany, assignors, by mesne assignments, to Jasco, Incorporated. Apparatus for operating direct current electric arcs. 2,215,875; Sept. 24.
Heesch, William F., Chicago, Ill., assignor to Borg-Warner Corporation. Wheel. 2,213,702; Sept. 3.
Heess, Albert and G. Scheerer, Stuttgart-Bad Cannstatt, assignors to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Carburetor control. 2,201,693; May 21.
Heetkamp, Heinrich, Dusseldorf-Buderich, Germany. Rolling mill plant for the manufacture of seamless tubes. 2,204,491; June 11.
Heetkamp, Heinrich, Buderich, Kreis Dusseldorf, Germany. Push bench. 2,219,995; Oct. 29.
Hefel, Karl, Innsbruck, Tyrol, Austria. Electric transmission gearing. 2,223,210; Nov. 26.
Hefele, Edward J., Amityville, N. Y. Direction finding system. 2,226,929; Dec. 31.
Hefele, Edward J., Amityville, N. Y. Blind landing device. 2,226,930; Dec. 31.
Hefele, John R., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electro-optical image production. 2,208,927; July 23.
Hefele, John R., Yonkers, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric circuit. 2,218,709; Oct. 22.
Hefele, John R., Yonkers, and G. K. Teal, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,217,168; Oct. 8.
Heffernan, Winfield S., Duluth, Minn. Device for boiling liquids without overflow. 2,198,533; Apr. 23.
Heffner, Joseph F. (See Croce, Angelo, assignor.)
Heffner, Lawrence L. (See Clayton, E. C., and Heffner.)
Hefley, Dana G., and J. B. Stone, Tulsa, Okla., assignors to The Dow Chemical Company, Midland, Mich. Treatment of wells. 2,207,733; July 16.
Hefti, Fridolin, assignor to the firm Aktiengesellschaft Cilander, Herisau, Switzerland. Patterned fabric and producing the same. 2,200,792; May 14.
Hefti, Fridolin, assignor to Aktiengesellschaft Cilander, Herisau, Switzerland. Producing pattern effects on fabrics. 2,217,114; Oct. 8.
Heftler, Maurice B. (See Wiley, C. H., and Heftler.)
Heftler, Maurice B., assignor to Zenith Carburetor Company, Detroit, Mich. Lubricator. 2,215,699; Sept. 24.
Heftler, Maurice B., and P. G. Cox, assignors to Zenith Carburetor Company, Detroit, Mich. Lubricator. 2,205,559; June 25.
Heftler, Paul, Grosse Pointe, and L. G. Carmick, Jr., Detroit, Mich., assignors to Automatic Shifters, Inc., Richmond, Va. Automotive mechanism. 2,215,423; Sept. 17.
Heftler, Victor R., Grosse Pointe Park, Mich. Punch press tool. 2,204,592; June 18.
Hegenberger, Albert F., Dayton, Ohio. Radio system and navigation. 2,199,402; May 7.
Heggem, Alfred G., Tulsa, Okla. Valve actuating mechanism. 2,200,474; May 14.
Heginbotham, Joseph H., and L. V. Stanley, assignors to The General Engineering Company, Salt Lake City, Utah. Reciprocating carriage for sampling apparatus and the like. 2,224,431; Dec. 10.
Hegstrom, Conrad E., Chicago, Ill. Vibrating and massaging device. 2,198,872; Apr. 30.
Hegwein, Georg, assignor to Junkers & Co., G. m. b. H., Dessau, Germany. Water softening device. 2,224,101; Dec. 3.
Hehemann, Frederick H., assignor to The Lunkenheimer Company, Cincinnati, Ohio. Valve and flexible gate. 2,193,922; Mar. 19.
Hehemann, Frederick H., assignor to The Lunkenheimer Company, Cincinnati, Ohio. Valve and flexible gate. 2,195,923; Apr. 2.
Hehir, James E., Niagara Falls, N. Y. Split-washer-removing tool. 2,201,091; May 14.
Heid, Jacob B., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,219,521; Oct. 29.
Heidbrink, Jay A., Minneapolis, Minn., assignor to The Ohio Chemical and Manufacturing Company, Cleveland, Ohio. Supplying to individual persons an oxygenated gas mixture. 2,185,997; Jan. 9.
Heidbrink, Jay A., Minneapolis, Minn., assignor, by mesne assignments, to Air Reduction Company, Incorporated. Anesthetizing apparatus. 2,208,633; July 23.
Heidbrink, Jay A., Minneapolis, Minn., assignor, by mesne assignments, to Air Reduction Company, Incorporated. Regulating delivery of gas. 2,220,368; Nov. 5.
Heidebroek, Reinhard. (See Ebert, G., Heidebroek, and Orth.)
Heidegger, Henry F. (See Kindelmann, A., and Heidegger.)
Heidelberg, Victor, Dresden, Germany. Tobacco mixing and distributing device. 2,190,785; Feb. 20.
Heidelmeyer, Max, Niedersedlitz, Germany. Apparatus for emptying chocolate molds or the like. 2,222,745; Nov. 26.
Heideman, Frederick J., Detroit, Mich. Hold-over refrigeration unit. 2,188,349; Jan. 30.
Heideman, Frederick J., Detroit, Mich. Pump. 2,215,700; Sept. 24.
Heidenthal, Warren C., Middletown, assignor, by mesne assignments, to The American Brake Shoe and Foundry Company, New York, N. Y. Rail lubricator. 2,185,810; Jan. 2.
Heidish, John A. (See Whitney, L. C., and Heidish.)
Heidt, Alexander J. (See Ribble, C. H., and Heidt.)
Heigis, Henry E., West Orange, assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Recoil preventing safety device. 2,193,725; Mar. 12.
Heigis, Henry E., West Orange, assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Fuel tank evacuating apparatus. 2,195,213; Mar. 26.
Heigis, Henry E., West Orange, assignor to Specialties Development Corporation, Bloomfield, N. J. Fuel tank dump valve. 2,200,922; May 14.
Heil Co., The. (See Eisenberg, Charles G., Jr., assignor.)
Heil Co., The. (See French, Henry C., assignor.)
Heil Co., The. (See Frentzel, H. C., Jr., and Novotny, assignors.)
Heil Co., The. (See Heil, J. P., and Kessler, assignors.)
Heil Co., The. (See Meyer, Arnold F., assignor.)
Heil, Julius P., Whitefish Bay, and F. P. Kessler, assignors to The Heil Co., Milwaukee, Wis. Receptacle transfer mechanism. 2,217,982; Oct. 15.
Heil, Karl, assignor to the firm Maschinenwerke zu Frankfurt a. M. vorm., Kolb, Rieber & Co. G. m. b. H., Frankfort-on-the-Main, Germany. Sewing machine. 2,191,013; Feb. 20.
Heiland, Carl A., assignor to Heiland Research Corporation, Denver, Colo. Method and apparatus for electrical prospecting. 2,189,377; Feb. 6.
Heiland Research Corporation. (See Heiland, Carl A., assignor.)
Heilbron, Isidor M., Manchester, England, F. Irving, Grangemouth, Scotland, and R. P. Linstead, London, England, assignors to Imperial Chemical Industries Limited. Coloring matters of the phthalocyanine type. 2,202,632; May 28.

Heilbron, Isidor M., London, D. H. Hey, Tadworth, and J. W. Haworth, Manchester, England, assignors to Imperial Chemical Industries Limited. Pyridine derivatives. 2,211,947; Aug. 20.
Heilig, Charles E., Philadelphia, Pa. Locomotive driving wheel. 2,212,098; Aug. 20.
Heiligman, Harold A., Norristown, assignor, by mesne assignments, to Nobilium Products, Inc., Philadelphia, Pa. Shaped material for casting dentures. 2,206,502 July 2.
Heilman, Bernard. (See Young, L. A., Hathaway, and Heilman.)
Heilman, Bernard, assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Fabric reinforcing machine. 2,218,749; Oct. 22.
Heim, Carl, Jersey City, assignor to Autographic Register Company, Hoboken, N. J. Manifolding. 2,209,521; July 30.
Heim, Friedrich. (See Wolff, P., and Heim.)
Heim, Gustav A. M., Velp, Netherlands, assignor to American Enka Corporation, Enka, N. C. Apparatus for production of artificial filaments. 2,220,403; Nov. 5.
Heim, Hans. (See Berg, H., Heim, and Leiss.)
Heim, Howard J. (See George, R. H., and Heim.)
Heim, Joseph P., New Britain, Conn., assignor to The Trumbull Electric Manufacturing Company. Enclosed switch. 2,218,028; Oct. 15.
Heiman, Jesse H., Hobart, Okla. Pull-out hook attachment unit. 2,196,555; Apr. 9.
Heimann, Morris A., St. Louis, Mo. Display form. 2,194,460; Mar. 26.
Heimke, Paul. (See Steindorff, A., Balle, Heimke, and Horst.)
Hein, Carl C., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper oxide rectifier. 2,205,263; June 18.
Hein, Gothard G., Waukesha, R. J. Statz, Racine, and T. H. Buenger, Milwaukee, assignors to Hein-Werner Motor Parts Corp., Waukesha, Wis. Fluid pressure lifting jack. 2,199,158; Apr. 30.
Hein, Robert O., assignor to Sears, Roebuck and Co., Chicago, Ill. Heater. 2,220,520; Nov. 5.
Hein-Werner Motor Parts Corp. (See Hein, G. G., Statz, and Buenger, assignors.)
Heindel, George W., York, Pa. Float switch. 2,191,758; Feb. 27.
Heine, Herman E., assignor to Bradley Washfountain Company, Milwaukee, Wis. Wash fountain. 2,196,301; Apr. 9.
Heinecke, Erich. (See Kramar, E., and Heinecke.)
Heinecke, Erich, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Suppressing parasitic oscillations in high frequency arrangements. 2,217,408; Oct. 8.
Heinemann Circuit Breaker Company. (See Wilckens, Kurt W., assignor.)
Heinemann Electric Company. (See Wilckens, Kurt W., assignor.)
Heinen, Joseph, Long Beach, Calif. Valve and sealing means therefor. 2,191,232; Feb. 20.
Heiner, John N., Bethesda, Md. Valve. 2,202,004; May 28.
Heiniger, Walter, Huttwil (Zell), Switzerland Game. 2,203,145; June 4.
Heinisch, Paul, Berlin-Zehlendorf, Germany, assignor to Askania-Werke A. G. Motion picture camera. 2,189,500; Feb. 6.
Heinisch, Paul, Berlin-Zehlendorf, Germany, assignor to Askania-Werke A. G. Motion picture camera. 2,196,358; Apr. 9.
Heinisch, Paul, Berlin-Zehlendorf, Germany, assignor to Askania-Werke A. G. Motion picture camera. 2,218,425; Oct. 15.
Heinish, George. (See Carr, R. H., Hebard, Henderson, and Heinish.)
Heinish, George, assignor to The Star Drilling Machine Company, Akron, Ohio. Well drilling apparatus. 2,227,409; Dec. 31.
Heinkel, Ernst. (See Butter, Karl, assignor.)
Heinkel, Ernst. (See Günter, Siegfried, assignor.)
Heinkel, Ernst. (See Jahn, Friedrich W., assignor.)
Heinrich, Casper W., Milwaukee, and E. J. Otto, Waukesha, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Variable speed drive. 2,221,166; Nov. 12.
Heinrich, Ernst. (See Zerweck, W., and Heinrich.)
Heinrich, George C., assignor to Manning, Bowman & Co., Meriden, Conn. Automatic electric heating iron. 2,185,197; Jan. 2.
Heinrich, Hans, W. Zeuch, and A. Meyer, assignors to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Charging blower for internal combustion engines. 2,194,196; Mar. 19.
Heinrich, Hans, and J. F. Janssen, assignors to Robert Bosch Gesellschaft mit beschrankter Haftung, Stuttgart, Germany. Fuel delivery apparatus for injection internal combustion engines. 2,215,756; Sept. 24.
Heinrich, Hans, and A. Schweizer, Stuttgart, Germany, assignors to Robert Bosch Gesellschaft mit beschränkter Haftung. Atmospheric pressure responsive device. 2,225,270; Dec. 17.
Heinrich, Henry A., Middletown, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Typewriting and like machine. 2,208,794; July 23.
Heinrich, Henry A., Middletown, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Typewriting and like machine. 2,220,241; Nov. 5.
Heinrich, Henry A., Middletown, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Typewriting and like machine. 2,225,340; Dec. 17.
Heinrich, Johann, assignor to Rheinmetall-Borsig Aktiengesellschaft Werk Borsig Berlin-Tegel, Berlin-Tegel, Germany. Evaporator for refrigeration systems. 2,188,475; Jan. 30.
Heinrich, Kurt, Berlin-Treptow, Germany, assignor to General Electric Company. Protective apparatus. 2,201,829; May 21.
Heinrich, Walter A., Richmond Heights, assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical switch. 2,226,818; Dec. 31.
Heins, Harold, Dorchester, assignor to Hygrade Sylvania Corporation, Salem, Mass. Tuning indicator device. 2,223,285; Nov. 26.
Heins, Paul, Hamburg, Germany. Rotary piston machine. 2,198,817; Apr. 30.
Heinsohn, Alvin F., North Charleston, S. C., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Wick for oil burners. 2,210,290; Aug. 6.
Heintz, John, Chicago, Ill. Windshield protector. 2,220,715; Nov. 5.
Heintz Manufacturing Company. (See Cochran, William R., assignor.)
Heintz Manufacturing Company. (See Lambert, Albert L., assignor.)
Heintz Manufacturing Company. (See Lambert, Francis M., assignor.)
Heintz, Ralph M., Montclair, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine control mechanism. 2,204,492; June 11.
Heintz, Ralph M., Montclair, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Dynamoelectric machine. 2,221,707; Nov. 12.
Heintz, William W., Aurora Hills, Va. Legend sheet and application. 2,200,203; May 7.
Heintzen, Harry R., Philadelphia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bottle cooler. 2,204,804; June 18.
Heintzen, Harry R., Philadelphia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburg, Pa. Refrigerating apparatus. 2,208,272; July 16.
Heinz, Max L., Buffalo, N. Y. Fireplace construction. 2,223,763; Dec. 3.
Heinze, Charles, Sumner, Wash. Shaft lock. 2,209,695; July 30.
Heinze Development Company. (See Heinze, John O., assignor.)
Heinze Electric Company. (See Gilinson, Philip J., assignor.)
Heinze Electric Company. (See Stevens, Brooks, Jr., assignor.)
Heinze Electric Company. (See Stevens, B., Jr., and Gilinson, assignors.)
Heinze, John O., Detroit, Mich. Rapid transit elevated structure. 2,226,432; Dec. 24.
Heinze, John O., assignor to Heinze Development Company, Detroit, Mich. Intermittent lubricating device. 2,185,631; Jan. 2.
Heinze, John O., assignor to Heinze Development Company, Detroit, Mich. Roller bearing. 2,197,499; Apr. 16.
Heinze, Max P., assignor to Borg-Warner Corporation, Chicago, Ill. Comb assembly. 2,214,054; Sept. 10.
Heinze, William A., Chicago, and W. F. Bernstein, Brookfield, assignors to Victor Manufacturing and Gasket Company, Chicago, Ill. Fluid seal with gripped fabric faced packing. 2,212,291; Aug. 20.
Heinzelman, Edmund G., Pasadena, Calif. Self-energizing hydraulic internal expansion brake. 2,213,003; Aug. 27.
Heinzelman, Milton A., Webster Groves, Mo. Folding check book cover. 2,188,571; Jan. 30.
Heinzelmann, Alphonse A., Rockville Centre, assignor to Bludalk, Inc., New York, N. Y. Vacuum controlling device. 2,211,011; Aug. 13.
Heinzelmann, Hans, Effretikon, assignor to Sulzer Frères, Societe Anonyme, Winterthur, Switzerland. Balanced combustion engine. 2,200,744; May 14.
Heirloom Needlework Guild, Inc. (See Bass, Dee B., assignor.)
Heise, George W. (See Schumacher, E. A., and Heise.)
Heise, George W., Rocky River, and E. A. Schumacher, Lakewood, Ohio, assignors to National Carbon Company, Inc. Electric cell. 2,207,734; July 16.
Heise, George W., Rocky River, and E. A. Schumacher, Lakewood, Ohio, assignors to National Carbon Company, Inc. Electric cell and replacement unit therefor. 2,213,428; Sept. 3.
Heise, George W., Rocky River, and E. A. Schumacher, Lakewood, Ohio, assignors to National Carbon Company, Inc. Primary galvanic cell. 2,213,429; Sept. 3.
Heise, William H. (See Schurch, Jacob H., assignor.)
Heise, William H., Los Angeles, Calif. Food package. 2,211,816; Aug. 20.
Heisel, Paul. (See Blass, F., Heisel, Hendschel, and Nicodemus.)

Heisel, Paul, and A. Hendschel, Gersthofen, near Augsburg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing higher halogenated ketones. 2,199,934; May 7.
Heisel, Paul, Gersthofen, near Augsburg, and A. Hendschel Frankfort-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Chlorinating aliphatic acids. 2,210,834; Aug. 6.
Heisenberg, Erwin. (See Hubert, F. E., Heisenberg, Steindorff, and Orthner.)
Heiser, Henry C., Berea, assignor to The Astrup Company, Cleveland, Ohio. Awning arm adjustment. 2,214,371; Sept. 10.
Heising, Raymond A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Space discharge apparatus and circuits. 2,200,063; May 7.
Heisler, Robert W., Hamburg, N. Y. Protective shield for automobile radiators. 2,224,786; Dec. 10.
Heisner, Donald A., assignor to The Lorain Telephone Company, Lorain, Ohio. Radio telephone system. 2,211,894; Aug. 20.
Heisterkamp, Alex, Hoboken, N. J. Pipe coupling. 2,201.862; May 21.
Heitchue, Regis D., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control mechanism. 2,223,725; Dec. 3.
Heitzman, George R. (See Sprouse, J. J., and Heitzman.)
Hekrdle, Henry J., Redfield, S. Dak. Combine. 2,194,976; Mar. 26.
Helberger, Bruno, Frankfort-on-the-Main, Germany. Electrical musical instrument. 2,201,232; May 21.
Helbig, Adolf, assignor to Electricitatsgesellschaft "Sanitas", G. m. b. H., Berlin, Germany. Short wave generator. 2,189,501; Feb. 6.
Helbing, George A., Jr., assignor, by mesne assignments, of two per cent to P. McCormack, Chicago, Ill., one-fourth to E. H. Lindow, Rensselaer, and seventy-three per cent to E. Rice, Hanna, Ind. Air conditioning device. 2,216,175; Oct. 1.
Helburn, Willard, Cambridge, assignor to Willard Helburn, Inc., Salem, Mass. Producing designs on leather. 2,217,314; Oct. 8.
Helburn, Willard, Inc. (See Helburn, Willard, assignor.)
Helbush, H. H. (See Visitacion, Aniceto R., assignor.)
Held, Joseph, West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Mechanism for fashioning knitted fabrics. 2,198,559; Apr. 23.
Held, Joseph, West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Yarn carrier with replaceable yarn guide means. 2,214,372; Sept. 10.
Held, Joseph E., Woodside, Long Island, assignor to American Cystoscope Makers, Inc., New York, N. Y. Surgical stone crusher. 2,208,369; July 16.
Held. Milbert W. (See Judell, J. S., and Held.)
Heldman, Frank, Spring Valley, N. Y. Mouse trap. 2,216,644; Oct. 1.
Helferich, Burckhardt, Leipzig, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Ascorbic acids and making same. 2,207,680; July 9.
Helgeby, Ralph O., Flint, assignor to General Motors Corporation, Detroit, Mich. Electric speedometer. 2,212,232; Aug. 20.
Helicopter Corporation of America. (See de Bothezat, George, assignor.)
Helland, Martin, Los Angeles, Calif., assignor to Richardson & Holland, Inc, Seattle, Wash. Portable doughnut machine. 2,197,270; Apr. 16.
Helle, Johann, and A. Kunz, Fuzfo, assignors to Nitrokemia Ipartelepek Reszvenytarsasag, Budapest, Hungary. Apparatus for the removal of liquids from masses of material associated therewith. 2,222,664; Nov. 26.
Hellema, Jan C., assignor to N. V. Papierwarenfabrik Voorheen Gebrs. Hellema, Zaandam, Netherlands. Bag of paper or like material and the manufacture thereof. 2,203,726; June 11.
Hellemn, Louis F., Sherwood, Ohio. Internal combustion engine. 2,200,359; May 14.
Heller, Elsie T. (See Jensen, James A., assignor.)
Heller, Herman S., West Los Angeles, Calif. Magnetic sound recording and monitor system. 2,213,246; Sept. 3.
Heller, Herman S., West Los Angeles, and L. G. Butler, Inglewood, Calif., said Butler assignor to said Heller. Method of and apparatus for magnetically recording sound. 2,213,631; Sept. 3.
Heller, Hugo. (See Weber, Frank, assignor.)
Heller, Joseph I., Brooklyn, N. Y., assignor to Breeze Corporations, Inc., Newark N. J. Radio direction finder. 2.202,552; May 28.
Heller, Lewis W., East Orange, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Furnace. Re. 21,331; Jan. 23.
Heller, Lewis W., East Orange, assignor to The Babcock & Wilcox Company, Newark, N. J. Steam boiler. 2,219,842; Oct. 29.
Heller, Lewis W., East Orange, assignor to The Babcock & Wilcox Company, Newark, N. J. Pulverizer. 2.220,105; Nov. 5.
Heller, Lewis W., assignor to The Babcock & Wilcox Company, New York, N. Y. Pulverizer. 2,220,104; Nov. 5.
Heller, Oswald, London, England. Apparatus for producing activated carbonaceous materials. 2,205,011; June 18.
Heller, Richard D., Boise, Idaho. Screen cloth and making the same. 2,220,106; Nov. 5.
Heller, Richard I., Los Angeles, Calif. Check marking device. 2,186,336; Jan. 9.
Heller, Siegfried, Berlin-Lichterfelde, Germany. Apparatus for investigating heart action. 2,214,299; Sept. 10.
Hellfritzsch, Alvin R., Sr., Milwaukee, Wis. Tobacco pipe. 2,222,948; Nov. 26.
Hellmann, Jay T., Chicago, Ill. Cord take-up. 2,206,352; July 2.
Hellmann, Otto, Bouchum, Germany. Coke oven. 2,193,456; Mar. 12.
Hellmann, Reinhard, Jackson Heights, N. Y., and O. Heymann, and F. Tuczek, Berlin-Siemensstadt, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Mechanical filter. 2,194,165; Mar. 19.
Hellmann, Reinhard K., Meriden, Conn. Device for logarithmic measurement of voltages. 2,220,602; Nov. 5.
Hellum, Erling M., Duluth, Minn. Combination divider, inside and outside caliper. 2,221,768; Nov. 19.
Hellwig, Arthur P., Hartsdale, and E. G. Fisher, New York, N. Y., assignors to American Maize-Products Company. Fudge type candy. 2,210,856; Aug. 6.
Helmers, Nick F., New York, N. Y. Wharf. 2,200,550; May 14.
Helmert, Robert, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Intercommunication system. 2,208,928; July 23.
Helmig, Carl F., Planitz, Saxony, Germany. Barrel rolling and tilting apparatus. 2,226,492; Dec. 24.
Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,189,066; Feb. 6.
Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,193,627; Mar. 12.
Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,198,818; Apr. 30.
Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Adjustment device. 2,202,053; May 28.
Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,204,249; June 11.
Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,209,226; July 23.
Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,209,227; July 23.
Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,216,616: Oct. 1.
Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,223,036; Nov. 26.
Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,225,449; Dec. 17.
Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,225,450; Dec. 17.
Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,226,931; Dec. 31.
Helrigel, Floyd H., assignor to The Murray Corporation of America, Detroit, Mich. Graining machine. 2,196,415; Apr. 9.
Helsel, Reuben H., Long Island City, assignor to General Register Corporation, New York, N. Y. Ticket issuing machine. 2,202,377; May 28.
Helsel, Reuben H., Long Island City, assignor to General Register Corporation, New York, N. Y. Ticket issuing machine. 2,219,650; Oct. 29.
Helson, James R., Metropolis, Ill. Seasoning wood. 2,216,775; Oct. 8.
Helten, Nick C., Calio, N. Dak. Combination mailbox and parcel post carrier. 2,194,900; Mar. 26.
Heltzel, John N., Warren, Ohio. Road building machine. 2,187,080; Jan. 16.
Heltzel, John N., Warren, Ohio. Road building machine. 2,190,562; Feb. 13.
Heltzel, Joseph W., Warren, Ohio. Concrete deaerating and dehydrating machine. 2,226,466; Dec. 24.
Helwig, Arthur A., assignor to Standard Railway Refrigerator Company, Chicago, Ill. Refrigerator car. 2,198,772; Apr. 30.
Helwig, Hans-Joachim. (See Trebbin, G., Ledig, and Helwig.)
Helwig, William F., Milwaukee, Wis. Tire chain. 2,223,824; Dec. 3.
Hem, Halvor O., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,186,830; Jan. 9.
Hem, Halvor O., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Testing device. 2,186,831; Jan. 9.
Hem, Halvor O., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Testing device. 2,193,628; Mar. 12.

Hem, Halvor O., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,201,368; May 21.
Hem, Halvor O., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Testing device. 2,201,369; May 21.
Hem, Halvor O., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Testing device. 2,203,782; June 11.
Hem, Halvor O., Toledo, Ohio, assignor to Toledo Scale Company. Weighing scale. 2,220,679; Nov. 5.
Heman, Homer D., East Cleveland, assignor to The Ajax Manufacturing Company, Euclid Village, Ohio. Forming tubular members having thick walled end portions. 2,196,497; Apr. 9.
Hemmi, Hans. (See Heberlein, G., Jr., Weiss, and Hemmi.)
Hemming, Charles B. (See Clark, P. M., and Hemming.)
Hemminger, Charles E. (See Brandegee, M. M., and Hemminger.)
Hemminger, Charles E. (See Tyson, C. W., and Hemminger.)
Hemmingsen, Carl C., Copenhagen, Denmark. Apparatus of amusement. 2,217,548; Oct. 8.
Hemmingsen, Torkild V., Copenhagen, Denmark. Valve spring for engines. 2,217,549; Oct. 8.
Hemmingsen, Torkild V., Copenhagen, Denmark. Crankshaft. 2,217,550; Oct. 8.
Hempel, Allen, Minneapolis, Minn. Battery connecting means. 2,216,666; Oct. 1.
Hempel, Charles H., Manitowoc, Wis., assignor to Heresite & Chemical Company. Pigmented material. 2,198,939; Apr. 30.
Hempel, Charles H., Manitowoc, Wis., assignor to Heresite & Chemical Company. Stripping process. 2,208,294; July 16.
Hempel, Charles H., E. C. Schreihart, and P. N. Clemens, Manitowoc, Wis., assignors to Heresite & Chemical Company. Forming dished laminated articles. 2,193,513; Mar. 12.
Hemphill Company. (See Cloutier, Arthur N., assignor.)
Hemphill Company. (See Lawson, John and R. H., and Cloutier, assignors.)
Hemphill Company. (See Lawson, Robert H., assignor.)
Hemphill Company. (See Lawson, R. H., and Cloutier, assignors.)
Hemphill Company. (See Lawson, R. H., Cloutier, and Green, assignors.)
Hemphill Company. (See Lawson, R. H., and Gagné.)
Hemphill Company. (See Lawson, R. H., and Green, assignors.)
Hemphill Company. (See Lawson, R. H., Green, and Langley, assignors.)
Hemphill Company. (See Lawson, R. H., and Lovell, assignors.)
Hemphill Company. (See Steinmueller, Max C., assignor.)
Hemphill, Lawrence F., Fort Wayne, Ind., assignor to General Electric Company. Speed regulator. 2,220,763; Nov. 5.
Hencz, John, Chicago, Ill. Indicating device. 2,205,775; June 25.
Henderson, Albert, assignor to W. P. Witherow, Pittsburgh, Pa. Wall and step construction. 2,208,844; July 23.
Henderson, Albert, assignor to W. P. Witherow, Pittsburgh, Pa. Floor construction. 2,219,043; Oct. 22.
Henderson, Albert, Edgewood Borough, assignor to W. P. Witherow, Pittsburgh, Pa. Assembly table. 2,212,421; Aug. 20.
Henderson, Albert, Edgewood, assignor to W. P. Witherow, Pittsburgh, Pa. Making concrete blocks and the like. 2,220,448; Nov. 5.
Henderson, Allen, Akron, Ohio. Power-operated safety razor. 2,219,090; Oct. 22.
Henderson, Arthur J., Hove, C. A. Forecast, London, and A. J. B. Coates, Radlett, Hertfordshire, England. Tank and the like for carrying inflammable spirit on aircraft, ships, vehicles and the like. 2,214,330; Sept. 10.
Henderson, Charles C. (See Freeman, W. E., and Henderson.)
Henderson, Charles L., Appleton, assignor to Paper Patents Company, Neenah, Wis. Work squaring table. 2,211,566; Aug. 13.
Henderon, Charles L., Appleton, assignor to Paper Patents Company, Neenah, Wis. Apparatus for coating printing cylinders. 2,212,233; Aug. 20.
Henderson, Charles L., Appleton, assignor to Paper Patents Company, Neenah, Wis. Coating printing cylinders. 2,212,234; Aug. 20.
Henderson, Donald E., and E. L. Shadick, Elk River, Minn. Chart holder and marking guide. 2,226,906; Dec. 31.
Henderson, George C., San Antonio, Tex. Combination cane and umbrella. 2,214,300; Sept. 10.
Henderson, George M. (See Carr, R. H., Hebard, Henderson, and Heinish.)
Henderson, James R., Nashville, Ga. Tobacco curing apparatus. 2,216,075; Sept. 24.
Henderson, James R., Nashville, Ga. Plant spraying apparatus. 2,227,222; Dec. 31.
Henderson, Kenneth L., Rochester, N. Y. Photography. 2,186,138; Jan. 9.
Henderson, Lawrence M., Winnetka, assignor to The Pure Oil Company, Chicago, Ill. Lubricant and preparing same. 2,211,231; Aug. 13.
Henderson, Lawrence M., Winnetka, G. W. Ayers, Jr., Chicago, W. A. Raine, Evanston, and W. B. Ross, Winnetka, assignors to The Pure Oil Company, Chicago, Ill. Increasing flow of deep wells. 2,225,695; Dec. 24.
Henderson, Leonard B., Oldbury, Birmingham, assignor to Accles and Pollock Limited, Birmingham, England. Tennis and other like racket handle. 2,211,502; Aug. 13.
Henderson, Mabel K., administratrix. (See Henderson, William T., assignor.)
Henderson, Myron M., Coffeyville, Kans. Bookrest. 2,219,091; Oct. 22.
Henderson, Nathan F. (See Festervan, B. J., and Henderson.)
Henderson, Robert K., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Drillable packer. 2,217,747; Oct. 15.
Henderson, Roy A., West Collingswood, N. J., assignor to Radio Corporation of America. Frequency determining circuit. 2,210,406; Aug. 6.
Henderson, William F. (See Smith, J. P., and Henderson.)
Henderson, William N., Plainfield, N. J. Crystallization process. 2,219,776; Oct. 29.
Henderson, William T., deceased; M. K. Henderson, Washington, D. C., administratrix. Slug cutting machine. 2,218,470; Oct. 15.
Hendey, George A., Rome, N. Y. Humidifier. 2,212,439; Aug. 20.
Hendler, John J., Burlington, N. J. Cake pressing and molding machine. 2,185,174; Jan. 2.
Hendley, James A., assignor to The Russell Manufacturing Company, Middletown, Conn. Woven tape. 2,201,772; May 21.
Hendley, James A., assignor to The Russell Manufacturing Company, Middletown, Conn. Ladder tape. 2,206,698; July 2.
Hendrey, Waldersee B. (See Van Gundy, M. C., Kaufman, and Hendrey.)
Hendrey, Waldersee B., Beacon, assignor to The Texas Company, New York, N. Y. Gauge cleaning device. 2,206,006; June 25.
Hendrey, Waldersee B., Beacon, assignor to The Texas Company, New York, N. Y. Lubricant. 2,212,020; Aug. 20.
Hendrey, Waldersee B., Beacon, assignor to The Texas Company, New York, N. Y. Lubricant. 2,212,021; Aug. 20.
Hendrich, Louis, Valparaiso, Ind. Amusement apparatus. 2,210,079; Aug. 6.
Hendrick, Maurice. (See Talbert, J. A., and Hendrick.)
Hendrick, Maurice, and V. M. Abernethy, Cliffside, N. C.; said Abernethy assignor to said Hendrick. Pattern indicator. 2,217,016; Oct. 8.
Hendricks, Albert W., and D. H. Clark, assignors to Totem Shake Corporation, Seattle, Wash. Shake splitting machine. 2,201,815; May 21.
Hendricks, Allan B., Jr., Pittsfield, Mass., assignor to General Electric Company. Electrical induction apparatus. 2,217,442; Oct. 8.
Hendricks, Alpha O., Mason County, Mich. Folding table leg. 2,214,301; Sept. 10.
Hendricks, John B., Hales Corners, assignor to Line Material Company, South Milwaukee, Wis. Repeating fuse construction. 2,211,974; Aug. 20.
Hendricks, Murray P., Wheeling, W. Va. Broom-spreading device. 2,197,695; Apr. 16.
Hendricks Research Corporation. (See Lyons, W. E., and Guthmann, assignors.)
Hendrickson, Floyd C., Canton, Ohio. Catheter. 2,211,075; Aug. 20.
Hendrickson, Floyd C., Canton, Ohio. Filiform guide. 2,221,138; Nov. 12.
Hendrickson, Henry M., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Door latch or catch for cameras and other structures. 2,204,359; June 11.
Hendrickson, Hugh H., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Railway car vestibule diaphragm. 2,195,247; Mar. 26.
Hendrickson, Ralph E., assignor to Lane-Wells Company, Los Angeles, Calif. Well survey instrument case. 2,187,028; Jan. 16.
Hendrickson, Roy H. (See Ryan, W. D., and Hendrickson.)
Hendry, Adolph R., Portland, Mich. Patch cutting machine. 2,214,461; Sept. 10.
Hendryx, Andrew B., Company. (See Hoefler, Herbert G., assignor.)
Hendschel, Albert. (See Blass, F., Heisel, Hendschel, and Nicodemus.)
Hendschel, Albert. (See Heisel, P., and Hendschel.)
Hendwell Burner Corporation. (See Caldwell, Henry C., assignor.)
Hendy, Joshua, Iron Works. (See McAulay, Chester B., assignor.)
Hengel, Karl G., Berlin, Germany. Luminous sign. 2,188,404; Jan. 30.
Hengler, Erich. (See Reitz, H., Hengler, and Büttinghaus.)
Hengsbach, Heinrich. (See Lauck, F., and Hengsbach.)

Henke, Clyde O. (See Fox, A. L., Henke, Lockwood, and Tinker.)
Henke, Clyde O. (See Hanford, W. E., and Henke.)
Henke, Clyde O., Wilmington, Del., and R. G. Benner, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of benzidine. 2,194,938; Mar. 26.
Henke, Clyde O., and W. H. Lockwood, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Reaction of aliphatic hydrocarbons with sulphur dioxide and chlorine and products thereof. 2,197,800; Apr. 23.
Henke, Clyde O., Wilmington, Del., and J. V. Vaughen, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Reduction of aryl nitro compounds. 2,198,249; Apr. 23.
Henke, Clyde O., Wilmington, Del., and F. M. Schofield, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphates of unsaturated alcohols. 2,199,403; May 7.
Henke, Clyde O., Wilmington, Del., and R. G. Benner, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Extrusion of higher alkyl sulphate salts. 2,205,037; June 18.
Henke, Clyde O., Wilmington, Del., and G. Etzel, Pitman, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Refining camphor. 2,205,954; June 25.
Henkel, Albert A. (See Gregory, H. E., Turner, Henkel, and Thürlings.)
Henkel, Gerhard. (See Kuppenbender, H., Fischer, Henkel, Peters, and Mende.)
Henkel, Gerhard. (See Sauer, H., Henkel, and Bartels.)
Henkes, Rudolf A., Maracaibo, Venezuela, assignor to Shell Development Company. Nonaqueous drilling fluid. 2,222,949; Nov. 26.
Henley Extrusion Machine Company Limited. (See Grieve, George T. W., assignor.)
Henne, Adolf H., Millbury, assignor to The Worcester Knitting Company, Worcester, Mass. Compensator for feeding elastic thread. 2,189,492; Feb. 6.
Henne, Albert L. (See Midgley, T., Jr., and Henne.)
Henne, Isabelle, Brooklyn, N. Y. Dental floss throw-away unit. 2,187,899; Jan. 23.
Henneberry, Russell T. (See Engle, H. J., Gaedig, Henneberry, and Uhles.)
Hennelly, Edward F., Schenectady, N. Y., assignor to General Electric Company. Cathode. 2,210,761; Aug. 6.
Hennessee, Claude, McMinnville, Tenn. All purpose fertilizer distributor. 2,207,665; July 9.
Hennessey, Gilbert H., Springfield, Ill. Greenhouse ventilation system. 2,206,478; July 2.
Hennessy, Carroll A. (See Taylor, W. J., and Hennessy.)
Hennessy, Daniel E., Leominster, Mass. Dispersing mill. 2,212,662; Aug. 27.
Hennessy, Edward F., Roslyn, N. Y. Purifying the gases of the exhausted products of combustion of internal combustion engines. 2,195,276; Mar. 26.
Hennessy, Herbert J., New Haven, Conn. Handcuff and chassis combination for police cars. 2,226,862; Dec. 31.
Hennessy, James J., Montclair, N. J. Journal lubricator device. 2,191,468; Feb. 27.
Henney, Charles F. (See Alexander, D. F., Henney, and Paulus.)
Henney, Charles F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,187,569; Jan. 16.
Henney, Charles F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,197,722; Apr. 16.
Henney, Charles F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,199,341; Apr. 30.
Henney, Charles F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Air conditioning. 2,211,567; Aug. 13.
Henney, Charles F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,211,568; Aug. 13.
Henney, Charles F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,214,055; Sept. 10.
Henney, Charles F., F. Alexander, and C. L. Paulus, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,227,257; Dec. 31.
Henney, Grover R. (See Wise, V. A., Duffies, Henney, and Lohner.)
Henney Motor Company. (See Cox, Donald H., assignor.)
Henney Motor Company. (See Jacobs, Walter T., assignor.)
Hennicke, Alfred, and H. Bossel. Hamburg-Altona, Germany. Stereoscopic apparatus. 2,207,483; July 9.
Hennicke, William. (See Jannek, J., and Hennicke.)
Hennig, Bruno, Bitterfeld, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Manufacturing carbon tetrachloride. 2,223,448; Dec. 3.
Henning, George E., Fallston, Md., F. V. Johnson, deceased, Baltimore, Md., L. T. Johnson, executrix, and S. Thronsen, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Cable-making apparatus. 2,213,703; Sept. 3.
Henning, Harley A., Greenwich, Conn., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnetic apparatus. 2,218,609; Oct. 22.
Henning, Hermann, Berlin-Reinickendorf, assignor to Rheinmetall-Borsig Aktiengesellschaft, Dusseldorf, Germany. Automatic gun. 2,202,201; May 28.
Henning, Warren K., Plano, Ill., assignor to Hugh H. Eby Inc., Philadelphia, Pa. Socket for vacuum tubes. 2,200,332; May 14.
Henninger, Andrew F., Jr., and G. D., Chicago, Ill. Electrical display device. 2,210,718; Aug. 6.
Henninger, Andrew F. and G. D., Chicago, Ill. Light source. 2,217,315; Oct. 8.
Henninger, Andrew F., Jr., and G. D., Chicago, Ill. Battery operated gaseous conduction lamp flasher. 2,219,923; Oct. 29.
Henninger, George D. (See Henninger, Andrew F., Jr., and G. D.)
Hennings, Gustav, Mount Vernon, assignor to Cartier, Inc., New York, N. Y. Cigarette and cigar holder. 2,220,449; Nov. 5.
Henningsen, John. (See Albertson, V. N., and Henningsen.)
Henrichsen, Knut, Bridgeport, Conn., and C. J. Leisy, Towson, Md., assignors to United Aircraft Corporation, East Hartford, Conn. Beaching gear. 2,190,358; Feb. 13.
Henrici Laundry Machinery Company. (See Battis, Alden B., assignor.)
Henrici Laundry Machinery Company. (See Belding, Harold L., assignor.)
Henricson, Axel E., Walnut Lake, assignor to Motor Products Corporation, Detroit, Mich. Windshield frame bending machine. 2,190,423; Feb. 13.
Henricson, Axel E., Walnut Lake, assignor to Motor Products Corporation, Detroit, Mich. Bending machine. 2,217,053; Oct. 8.
Henricson, Edwin. (See Burrows, A. L., and Henricson.)
Henrietta, George H., Hartford, Conn. Register. 2,211,115; Aug. 13.
Henriksen, Alfred. (See Lincoln, B. H., Steiner, and Henriksen.)
Henriksen, Harvey E., Los Gatos, assignor to Ray Oil Burner Co., San Francisco, Calif. Burner control mechanism. 2,192,346; Mar. 5.
Henriksen, Harvey E., assignor to Ray Oil Burner Co., San Francisco, Calif. Fan for liquid fuel burners. 2,218,643; Oct. 22.
Henri-Labourdette, Jean, Courbevoie, France. Body of motor road vehicles. 2,224,186; Dec. 10.
Henriod, Charles E., Fils, Neuilly-sur-Seine, France. Variable speed transmission. 2,205,832; June 25.
Henriod, Charles E., Fils, Neuilly-sur-Seine, France. Automatic clutch. 2,205,833; June 25.
Henriques, Hilary J. (See McKittrick, D. S., and Henriques.)
Henriquez, Vivian C. (See Tellegen, B. D. H., and Henriquez.)
Henroteau, Francois C. P., Liege, Belgium. Multiplex communication system. 2,191,565; Feb. 27.
Henry, Albert R., Salina, Kans., and M. C. Wills, Kansas City, Mo. Grading machine. 2,195,306; Mar. 26.
Henry, Alexander G., Birmingham, Ala. Punching device. 2,224,079; Dec. 3
Henry, Augustus M., Brooklyn, N. Y. Amusement apparatus. 2,187,422; Jan. 16.
Henry, Beulah L., New York, N. Y. Double chain stitch sewing machine. Re. 21,645; Dec. 3.
Henry, Beulah L., New York, N. Y. Feeding and aligning device. 2,187,900; Jan. 23.
Henry, Charles L., assignor to Lee C. Moore & Company, Inc., Pittsburgh, Pa. Derrick. 2,200,775; May 14.
Henry, Charles L., assignor to Lee C. Moore & Company, Inc., Pittsburgh, Pa. Portable derrick. 2,210,407; Aug. 6.
Henry, Charles L., assignor to Lee C. Moore & Company, Inc., Pittsburgh, Pa. Marine working platform substructure. 2,210,408; Aug. 6.
Henry, Charles L., assignor to Lee C. Moore & Company, Inc., Pittsburgh, Pa. Derrick. 2,225,561; Dec. 17.
Henry, Charles P., assignor to J. N. Henry, Cranston, R. I. Curtain rod. 2,204,493; June 11.
Henry, Earle G., Chicago, Ill. Exercising device for infants. 2,186,543; Jan. 9.
Henry, Earle G., Chicago, Ill., assignor to Buckley Music System, Inc. Wall box. 2,219,257; Oct. 22.
Henry, Earle G., Chicago, Ill., assignor to Buckley Music System, Inc. Selective switch. 2,222,564; Nov. 19.
Henry, Elmer F., Raton, N. Mex. Grinding machine attachment. 2,189,246; Feb. 6.
Henry Furnace & Foundry Company. (See Curtis, Herbert F., assignor.)
Henry, George W., Jr., assignor to Soabar Company, Philadelphia, Pa. Tag. 2,222,535; Nov. 19.
Henry, Guy J., Chicago, Ill. Dehydrator. 2,225,990; Dec. 24.
Henry, James N. (See Henry, Charles P., assignor.)
Henry, James Q., Los Angeles, Calif. Switch control. 2,187,202; Jan. 16.
Henry, Kenneth M., Maumee, Ohio, assignor to Owens-Illinois Glass Company. Mold. 2,210,583; Aug. 6.
Henry, Murray W., San Antonio, Tex. Spring door hinge and check. 2,203,197; June 4.
Henry, Oliver H. P., Sullivan, Ill. Tongs. 2,201,727; May 21.
Henry, Otto H., Caldwell, N. J., assignor of fifteen per cent to H. D. Spencer, New York, N. Y. Dish. 2,217,514; Oct. 8.

Henry, Robert W., and J. V. Montgomery, Okmulgee, Okla., assignors to Phillips Petroleum Company. Treating hydrocarbons. 2,196,989; Apr. 16.
Henry, Shala W., Hyde Park, assignor to Edgar McCallum, Falmouth, Mass. Apparatus for nesting flat drinking cups. 2,206,228; July 2.
Henry, Thomas J., Newark, N. J., assignor to Radio Corporation of America. Volume control tube. 2,221,744; Nov. 12.
Henry, Willis P., Jr., Houma, La. Measuring and dispensing faucet. 2,199,312; Apr. 30.
Henschel & Sohn G. m. b. H. (See Ewald, Kurt, assignor.)
Henschel & Sohn, Gesellschaft mit Beschrüankter Haftung. (See Roosen, R., Barske, and Carl, assignors.)
Henschel & Sohn, Gesellschaft mit beschränkter Haftung. (See Röthler, Karl, assignor.)
Henschke, Bruno, assignor to Hansel & Co. Aktiengesellschaft, Forst, Lausitz, Germany. Woven interlining fabric. 2,207,862; July 16.
Henschler, Ewald, Blue Island, Ill. Lavatory device. 2,190,068; Feb. 13.
Hensel, Franz R., assignor to P. R. Mallory & Co. Inc., Indianapolis, Ind. Wear resistant electric contact. 2,187,377; Jan. 16.
Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Abrasion resistant electric contact. 2,187,378; Jan. 16.
Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Metal composition. 2,189,755; Feb. 13.
Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Molybdenum composition. 2,189,756; Feb. 13.
Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Refractory carbide composition. 2,190,477; Feb. 13.
Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric contact. 2,213,312; Sept. 3.
Hensel, Franz R., and K. L. Emmert, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Alloy. 2,187,379; Jan. 16.
Hensel, Franz R., and K. L. Emmert, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Molybdenum alloys. 2,188,405; Jan. 30.
Hensel, Franz R., K. L. Emmert, and J. W. Wiggs, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Contact. 2,195,307; Mar. 26.
Hensel, Franz R., K. L. Emmert, and J. W. Wiggs, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Silver copper alloy. 2,196,302; Apr. 9.
Hensel, Franz R., K. L. Emmert, and J. W. Wiggs, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Silver copper alloy. 2,196,303; Apr. 9.
Hensel, Franz R., K. L. Emmert, and J. W. Wiggs, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper silver alloy. 2,196,304; Apr. 9.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper alloy. 2,196,305; Apr. 9.
Hensel, Franz R., K. L. Emmert, and J. W. Wiggs, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Silver lithium alloy. 2,196,306; Apr. 9.
Hensel, Franz R., K. L. Emmert, and J. W. Wiggs, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Silver alloy. 2,196,307; Apr. 9.
Hensel, Franz R., and K. L. Emmert, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric contact element. 2,197,380; Apr. 16.
Hensel, Franz R., and K. L. Emmert, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric contact. 2,197,393; Apr. 16.
Hensel, Franz R., K. L. Emmert, and J. W. Wiggs, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric contact. 2,197,394; Apr. 16.
Hensel, Franz R., K. L. Emmert, and J. W. Wiggs, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric contact. 2,199,458; May 7.
Hensel, Franz R., and K. L. Emmert, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric contact element. 2,202,054; May 28.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric contacting element. 2,202,150; May 28.
Hensel, Franz R., K. L. Emmert, and J. W. Wiggs, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric contact and combination thereof. 2,207,292; July 9.
Hensel, Franz R., and K. L. Emmert, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric contact combination. 2,213,343; Sept. 3.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electrode holder. 2,215,289; Sept. 17.
Hensel, Franz R., K. L. Emmert, and J. W. Wiggs, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Silver alloy. 2,221,285; Nov. 12.
Hensel, Franz R., K. L. Emmert, and J. W. Wiggs, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric contact. 2,221,286; Nov. 12.
Henselman, Otto, Canton, Ohio. Bearing roller. 2,215,701; Sept. 24.
Henshaw, F. S., et al. (See Graham, William A., assignor.)
Hensler, Bernard A., assignor to Siemens Brothers & Company Limited, London, England. Telephone system. 2,211,116; Aug. 13.
Hensley, Claude E., Oklahoma City, Okla. Matrix blank. 2,211,601; Aug. 13.
Hensley, William D., Majestic, Ky. Tobacco pipe. 2,191,014; Feb. 20.
Henson, Douglas D. (See Axe, W. N., and Henson.)
Henson, Smith E., Joplin, Mo. Combination oil and gas burner. 2,195,170; Mar. 26.
Henter, Mathias, West Allis, Wis. Airplane. 2,194,596; Mar. 26.
Henthorn, James J., Camden, N. J., and J. W. Ashley, Beverly, Mass., assignors to United States Shoe Machinery Corporation, Borough of Flemington, N. J. Heel engaging device. 2,212,601; Aug. 27.
Hentrich, Winfrid, Dusseldorf-Reisholz, Germany, assignor, by mesne assignments, to "Patchem A.-G. zur Beteiligung an Patenten und Sonstigen Erfindungsrechten auf Chemische Verfahren", Zurich, Switzerland. Improving of goods. 2,200,603; May 14.
Hentzen, Fritz, assignor to Messerschmitt Aktiengesellschaft, Augsburg, Germany. Electric welding apparatus. 2,222,906; Nov. 26.
Henze, Henry C., Linden, N. J. Safety valve. 2,204,757; June 18.
Henze, Otto, Philadelphia, Pa. Fishing reel. 2,190,786; Feb. 20.
Henze, Otto, Philadelphia, Pa. Fishing reel. 2,204,082; June 11.
Hepburn, William M., Ottawa Hills, assignor to Surface Combustion Corporation, Toledo, Ohio. Heating apparatus. 2,188,133; Jan. 23.
Hepburn, William M., Ottawa Hills, assignor to Surface Combustion Corporation, Toledo, Ohio. Heating apparatus. 2,226,816; Dec. 31.
Hepler, Kenneth G., Youngstown, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Making electric heating units and resultant products. 2,214,583; Sept. 10.
Hepp, Gerard, Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Amplifier. 2,212,204; Aug. 20.
Hepp, Gerard, Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Amplifier. 2,212,205; Aug. 20.
Hepp, Gerard, Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Saw-tooth current circuit. 2,215,177; Sept. 17.
Hepp, Gerard, Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Cathode ray control apparatus. 2,217,409; Oct. 8.
Hepp, Harold J. (See Frey, F. E., and Hepp.)
Heppner, Fritz A. M., Golders Green, London, England. Hydraulic torque transmission. 2,216,411; Oct. 1.
Hepworth, Cecil M., and P. Kimberley, London, England. Optical projecting apparatus. 2,196,918; Apr. 9.
Heraeus-Vacuumschmelze, A. G. (See Hessenbruch, Werner, assignor.)
Heraeus, W. C., G. m. b. H. (See Auwärter, M., and Ruthardt, assignors.)
Heraeus, W. C., G. m. b. H. (See Pfeilsticker, Karl, assignor.)
Heraty, James E., La Crosse, Wis. Cigarette package and match holder. 2,185,299; Jan. 2.
Herault, Pierre C., assignor to T. F. Johnson, doing business as Johnson Mfg. Co., Atlanta, Ga. Electric fuse assembly. 2,213,164; Aug. 27.
Herb, Alfred B., United States Navy. Retractable wing-tip float. 2,207,735; July 16.
Herb, Leroy B., Wyomissing, and R. H. Scheer, New Holland, assignors to Vanity Fair Silk Mills, Reading, Pa. Flat knitting machine. 2,186,971; Jan. 16.
Herb, Otto J. (See Finch, P. R., and Herb.)
Herbener, Henry M., Thomasville, Ga. Bed attachment. 2,216,076; Sept. 24.
Herberger, Lester E., Minneapolis, Minn. Advertising display device. 2,223,685; Dec. 3.
Herbert, Frank B. (See Menken, J. T., and Herbert.)
Herbert, Fred W. (See Hoglund, O. K., and Herbert.)
Herbert, John S., Earlimart, Calif. Inhalator. 2,199,724; May 7.
Herbert, Wilhelm, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Production of hydrocarbons. 2,224,048; Dec. 3.
Herbert, Wilhelm, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Production of hydrocarbons. 2,224,049; Dec. 3.
Herbline, Célestine L., Paris, France. Extinguishing an incendiary body. 2,195,171; Mar. 26.
Herbold, Carl F., Lakewood, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrode feeding mechanism for arc searchlights. 2,189,605; Feb. 6.
Herbrick, Milton B., Omaha, Nebr. Traction device. 2,218,382; Oct. 15.
Herbrick, Stanley. (See Gaebel, George T., assignor.)
Herbsman, Abraham M., assignor to Industrial Patents, Limited, Huntington Park, Calif. Increasing production of oil wells. 2,206,187; July 2.
Herbst, John A., Oradell, N. J., assignor to The Teleregister Corporation, New York, N. Y. Contact structure. 2,203,727; June 11.

Herbst, Richard, Freiburg in Breisgau, assignor to Gottlob Widmann K.-G. Elektro-und Radiofabrik, Schwenningen, Germany. Bicycle dynamo with signal lamp. 2,210,369; Aug. 6.
Herbster, Arthur E., and C. O. Krokey, Cleveland, Ohio. Head puller. 2,220,680; Nov. 5.
Herbster, George, assignor to J. H. Leonard, trustee, Cleveland, Ohio. Safety ignition and control device for burners. 2,208,884; July 23.
Herchenrider, Henry R., Pittsburgh, Pa., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Apparatus for surfacing metals. 2,214,373; Sept. 10.
Hercher, Charles K., Milwaukee, Wis. Bronze mixer and conditioner. 2,216,714; Oct. 1.
Hercules Glue Company. (See Dolman, Clarence D., assignor.)
Hercules Powder Company. (See Billing, Wyly M., assignor.)
Hercules Powder Company. (See Bishop, William T., assignor.)
Hercules Powder Company. (See Boddicker, Floyd L., assignor.)
Hercules Powder Company. (See Borglin, Joseph N., assignor.)
Hercules Powder Company. (See Byrkit, Rollin J., Jr., assignor.)
Hercules Powder Company. (See Cairns, Robert W., assignor.)
Hercules Powder Company, et al. (See Chastain, George M., Jr., assignor.)
Hercules Powder Company. (See Crater, Willard de C., assignor.)
Hercules Powder Company. (See Etchells, Horace I., Jr., assignor.)
Hercules Powder Company, The. (See Flude, John W., assignor.)
Hercules Powder Company. (See Gloor, Walter E., assignor.)
Hercules Powder Company. (See Hall, Lucius C., assignor.)
Hercules Powder Company. (See Hollabaugh, Cleveland B., assignor.)
Hercules Powder Company. (See Humphrey, I. W., and Borglin, assignors.)
Hercules Powder Company. (See Hunt, William C., assignor.)
Hercules Powder Company. (See Jones, Charles L., assignor.)
Hercules Powder Company. (See Klug, Eugene D., assignor.)
Hercules Powder Company. (See Lawrence, W. J., and Dreshfield, assignors.)
Hercules Powder Company. (See Little, Bunyan H., assignor.)
Hercules Powder Company. (See Littmann, Edwin R., assignor.)
Hercules Powder Company. (See Long, John H., assignor.)
Hercules Powder Company. (See Lynn, John E., assignor.)
Hercules Powder Company. (See Martin, Robert W., assignor.)
Hercules Powder Company. (See Maters, C., and Riemersma, assignors.)
Hercules Powder Company. (See Meinel, Karl, assignor.)
Hercules Powder Company. (See Miller, Abraham B., assignor.)
Hercules Powder Company. (See Miller, John Z., assignor.)
Hercules Powder Company. (See Nash, Henry E., assignor.)
Hercules Powder Company. (See Olsen, Arloe R., assignor.)
Hercules Powder Company. (See Ott, Emil, assignor.)
Hercules Powder Company. (See Peterson, John M., assignor.)
Hercules Powder Company. (See Ray, Philip A., assignor.)
Hercules Powder Company. (See Rummelsburg, Alfred L., assignor.)
Hercules Powder Company. (See Shapleigh, James H., assignor.)
Hercules Powder Company. (See Sheffield, Donald H., assignor.)
Hercules Powder Company. (See Spellacy, John R., assignor.)
Hercules Powder Company. (See Spurlin, Harold M., assignor.)
Hercules Powder Company. (See Spurlin, H. M., and Pfeiffer, assignors.)
Hercules Powder Company. (See Steffen, Charles W., assignor.)
Hercules Powder Company. (See Sweney, Harry C., assignor.)
Hercules Powder Company. (See Symmes, Ernest M., assignor.)
Hercules Powder Company. (See Tinsley, John S., assignor.)
Hercules Powder Company. (See Wassén, Kurt, assignor.)
Hercules Powder Company. (See Weldin, Lewis C., assignor.)
Hercules Powder Company, et al. (See Zimmerman, Fritz, assignor.)
Herdman, William J., South Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Multiple distribution system. 2,188,508; Jan. 30.
Heren, Sol E., Phoenix, Ariz. License tag supporting frame. 2,213,909; Sept. 3.
Heres, Martin, Elmhurst, assignor to Eppens, Smith Company, Inc., New York, N. Y. Container forming mechanism. 2,200,360; May 14.
Heresite & Chemical Company. (See Hempel, Charles H., assignor.)
Heresite & Chemical Company. (See Hempel, C. H., Schreihart, and Clemens, assignors.)
Hergenrother, Rudolf C., Beechhurst, Long Island, N. Y., assignor to Hazeltine Corporation. Cathode-ray signal-generating tube. 2,192,971; Mar. 12.
Hergenrother, Rudolf C., Beechhurst, N. Y., assignor to to Hazeltine Corporation. Electron discharge device. 2,206,954; July 9.
Herlach, Heinrich. (See Ernesti, W., and Herlach.)
Herlach, Heinrich, Berlin-Frohnau, assignor to Rheinmetall-Borsig Aktiengesellschaft, Dusseldorf, Germany. Gun limber. 2,218,881; Oct. 22.
Herle, Frank L. (See de Florez, L., Herle, and Hirsch.)
Herlichy, Theodore E., et al. (See Buchet, Conrad R., assignor.)
Herlihy, Theodore E. (See Buchet, Conrad R., assignor.)
Herlong, Edward S. (See Christiansen, W. G., and Herlong.)
Herman, James W., and G. M. Ohmann, Albertville, Minn. Fire alarm. 2,217,551; Oct. 8.
Herman, John. (See Dickson, J. R., and Herman.)
Herman, Kenneth R., Huntington Woods, assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,200,824; May 14.
Herman, Paul A., New York, N. Y. Automobile headlight. 2,185,438; Jan. 2.
Herman, Philip, Bethlehem, Pa. Ventilator. 2,207,198; July 9.
Herman, Wallace C., Dayton, Ohio. Variable speed transmission. 2,219,184; Oct. 22.
Herman, William P., Providence, R. I. Female contact plug. 2,191,386; Feb. 20.
Herman, William P., Providence, R. I. Multiple service tap. 2,210,215; Aug. 6.
Herman, William P., Providence, R. I. Multiple connector. 2,226,433; Dec. 24.
Herman, William P., Bridgeport, Conn., assignor to Electrix Corporation. Contact plug. 2,191,384; Feb. 20.
Herman, William P., Providence, R. I., assignor to Electrix Corporation. Contact plug. 2,191,385; Feb. 20.
Herman, William P., Providence, assignor to Electrix Corporation, Pawtucket, R. I. Connector plug assembly apparatus. 2,198,966; Apr. 30.
Herman, William P., Providence, R. I., assignor to Electrix Corporation. Mold construction for contact plugs. 2,225,632; Dec. 24.
Hermani, Henry, Baltimore, Md., assignor to Owens-Illinois Can Company. Display cover for boxes. 2,206,013; July 2.
Hermani, Louis, Baltimore, Md., assignor to Owens-Illinois Can Company. Cover for tobacco jars. 2,202,796; May 28.
Hermann, Benjamin R., Lanesborough, Mass., assignor to General Electric Company. Electric line tapping apparatus. 2,218,397; Oct. 15.
Hermann, Dietrich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Impulse discriminating system. 2,199,202; Apr. 30.
Hermann, Earnest T., El Segundo, Calif. Apparatus for forming filamentary argillaceous particles. 2,213,041; Aug. 27.
Hermann, Earnest T., El Segundo, Calif. Forming fluid pervious ceramic bodies. 2,215,962; Sept. 24.
Hermann, Heinrich, Stuttgart-Wangen, Germany, and L. Rado, London, England. Clip for sealing bags. 2,224,050; Dec. 3.
Hermann, Otto, St. Louis, Mo. Electric vibrator. 2,224,263; Dec. 10.
Hermann, Peter-Konrad, Berlin-Zehlendorf, Germany, assignor to General Electric Company. Electric valve circuits. 2,217,443; Oct. 8.
Hermann, Wolfgang, assignor to C. Weiner, O. Vogl, M. Weiner and Margaret Vogl, all of Chicago, Ill., a copartnership trading as Chicago Printed String Company. Bobbin reel. 2,213,764; Sept. 3.
Hermanson, William A., Boston, Mass. Packing material. 2,200,171; May 7.
Hermes, Karl. (See Küchler, E., Hermes, and von Dobeneck.)
Hermitte, Louis, Paris, assignor to Société Rateau, La Courneuve Seine, France. Speed control device for machines. 2,219,070; Oct. 22.
Hermodsson, Carl H., Uppsala, Sweden. Building houses. 2,217,115; Oct. 8.
Hermson, John H. (See Pierce, H. M., and Hermson.)
Hernandez, Irene, New Orleans, La. Bed. 2,191,387; Feb. 20.
Herndon, Henry A., Washington, D. C. Shock absorber. 2,194,792; Mar. 26.
Herneryd, Fritz O. (See Lindblad, A. R., and Herneryd.)
Herold, Edward W., Verona, N. J., assignor to Radio Corporation of America. Volume control circuits. 2,214,613; Sept. 10.

Herold, Edward W., Verona, N. J., assignor to Radio Corporation of America. Resistance coupled amplifier circuits. 2,217,275; Oct. 8.

Herold, Edward W., Verona, N. J., assignor to Radio Corporation of America. Negative transconductance tube-oscillator. 2,217,748; Oct. 15.

Herold, Edward W., Verona, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,219,102; Oct. 22.

Herold, Edward W., Verona, N. J., assignor to Radio Corporation of America. Electron discharge device utilizing negative transconductance. 2,226,561; Dec. 31.

Herold, James L., St. Louis, and F. W. Wehmiller, Ladue, assignors to Barry-Wehmiller Machinery Company, St. Louis, Mo. Apparatus for cleaning bottles. 2,199,459; May 7.

Herold, Paul, Leuna, W. Kroenig, Ludwigshafen-on-the-Rhine, H. Kaufmann, Leuna, and E. Donath, Mannheim, Germany, assignors to Standard-I. G. Company, Linden, N. J. Hydrogenation of liquid olefin polymers. 2,215,876; Sept. 24.

Herold, Walter F., Bridgeport, Conn., assignor to The General Fireproofing Company, Youngstown, Ohio. Suspension unit for chair backs. 2,188,605; Jan. 30.

Heron, William E., Detroit, Mich. Smoking pipe, cigarette, and cigar holder. 2,202,288; May 28.

Herr, Benjamin F., and A. W. Bassett, assignors to Armstrong Cork Company, Lancaster, Pa. Temperature control system. 2,216,838; Oct. 8.

Herr, Edward A., Philadelphia, Pa. Smoking pipe. 2,206,188; July 2.

Herr, Harvey E., assignor to Herr Manufacturing Company, Inc., Buffalo, N. Y. Spinning ring and traveler therefor. 2,185,892; Jan. 2.

Herr, Harvey E., assignor to Herr Manufacturing Company, Inc., Buffalo, N. Y. Flier for spinning machines. 2,202,289; May 28.

Herr, Harvey E., assignor to Herr Manufacturing Company, Buffalo, N. Y. Flier for spinning machines. 2,202,290; May 28.

Herr, Harvey E., assignor to Herr Manufacturing Company, Inc., Buffalo, N. Y. Flier for spinning machines. 2,206,565; July 2.

Herr Manufacturing Company. (See Herr, Harvey E., assignor.)

Herr, Vincent A., Collinsville, Ill. Cigarette and cigar support. 2,210,291; Aug. 6.

Herradora, Juan R., Jersey City, N. J. Portable protective chamber for arc welders. 2,210,370; Aug. 6.

Herrerá, Juan H., Habana, Cuba. Infusion strainer device. 2,205,290; June 18.

Herreshoff, Alexander G. (See Breer, C., Herreshoff, Clark, and Cadwallader.)

Herrick, Homer K., South Pasadena, Calif. Variable transmission mechanism. 2,210,240; Aug. 6.

Herrick, Kennan C., Berkeley, Calif. Refuse burner. 2,220,369; Nov. 5.

Herrick, Roswell H., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,187,902; Jan. 23.

Herrick, Roswell H., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,187,903; Jan. 23.

Herrick, Roswell H., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Cathode heater testing circuit for a vacuum tube network. 2,211,421; Aug. 13.

Herrick, Roswell H., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,224,477; Dec. 10.

Herrick, Roswell H., and T. W. Gilman, Oak Park, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone substation apparatus. 2,187,901; Jan. 23.

Herrick, Thomas E., Jr. (See Hance, L. W., and Herrick.)

Herrick, Thomas E., Jr., Lansdowne, Pa. Locomotive steam pipe arrangement and support therefor. 2,226,493; Dec. 24.

Herriger, Felix, Berlin, Germany, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof (Germany), Lorenzweg. Electron tube. 2,204,217; June 11.

Herriger, Felix, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Producing cathode materials. 2,214,902; Sept. 17.

Herriger, Felix, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Short wave apparatus. 2,223,851; Dec. 3.

Herring, Glenn N., assignor of one-half to W. W. Cockrill, Fresno, Calif. Trailer coupling eye. 2,207,059; July 9.

Herrington, Arthur W., assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind. Driven steering wheel axle structure. 2,188,861; Jan. 30.

Herrington, George S., et al., trustees. (See Pratt, Harry P., assignor.)

Herrington, Harold W., Verona, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Dynamo-electric machine. 2,191,074; Feb. 20.

Herrlinger, Richard. (See Jaeger, Alphons O., and Herrlinger.)

Herrman, Alfred, administrator. (See Bergman, John A., assignor.)

Herrmann, Conrad, Wuppertal-Elberfeld, assignor to North American Rayon Corporation, New York, N. Y. Manufacture of upholstering material. 2,209,919; July 30.

Herrmann, Heinrich, assignor to Süddeutsche Apparate-Fabrik G. m. b. H., Nuremberg, Germany. Producing selenium disks for rectifiers and photoelectric cells. 2,213,279; Sept. 3.

Herrmann, Max, Chicago, Ill. Toy and display figure. 2,219,130; Oct. 22.

Herrmann, Paul J., assignor to Johann Carl Müller, doing business as "Universelle" Cigaretten-Maschinenfabrik J. C. Mueller & Co., Dresden, Germany. Device for the formation of a cigarette rod. 2,206,699; July 2.

Herrmann, Paul J., Dresden, Germany, assignor, by mesne assignments, to J. C. Muller N. V., Rotterdam, Netherlands. Tobacco transferring machine. 2,224,294; Dec. 10.

Herrmann, Walter A., and C. Adensam, Chicago, Ill., assignors to L. G. Blessing. Ornamentation forming and feeding apparatus. 2,223,890; Dec. 3.

Herrmann, Werner. (See Evers, F., Herrmann, and Werner.)

Herrmann, Willy O., Deisenhofen, Upper Bavaria, and W. Haehnel, Munich, Bavaria, assignors to Chemische Forschungsgesellschaft, m. b. H., Munich, Germany. Developing composition. 2,215,551; Sept. 24.

Herrmann, Willy O., Deisenhofen, and B. Braun, Melsungen, District of Kassel, assignors to Chemische Forschungsgesellschaft, m. b. H., Munich, Germany. Manufacture of stiffening bandages and stiffening bandages commercial products. 2,218,710; Oct. 22.

Herrold, Walter W., assignor to Armstrong Cork Company, Lancaster, Pa. Display device. 2,196,587; Apr. 9.

Herron, Leonard. (See Sanger, G., and Herron.)

Herron-Zimmers Moulding Company. (See Hall, William J., assignor.)

Hersam, Conrad O. (See Meyers, L. C., and Hersam.)

Hersberger, Arthur B., assignor to The Atlantic Refining Company, Philadelphia, Pa. Production of asphalt. 2,220,714; Nov. 5.

Herschede, Walter J., and W. Eberhardt, Cincinnati, and W. F. Herschede, Forestville, Ohio, assignors, by mesne assignments, to International Vehicular Parking Ltd., Washington, D. C. Coin receptacle. 2,219,131; Oct. 22.

Herschede, William F. (See Herschede, Walter J., Eberhardt, and W. F. Herschede.)

Herscovitz, Louis, Park Ridge, Ill., assignor to The Ruberoid Co., New York, N. Y. Flexible siding material. 2,218,791; Oct 22.

Hersey, Arthur J., and C. L. Madden, Minneapolis, Minn. Car wheel. 2,189,901; Feb. 13.

Hersey, Donald S., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Two-speed supercharger. 2,197,179; Apr. 16.

Hersey, Donald S., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Manifold pressure equalizer. 2,199,259; Apr. 30.

Hersey, Ralph E. (See Collis, R. E., Hersey, and Newsom.)

Hersey, Ralph E., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,187,784; Jan. 23.

Hershberger, Albert, Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preservation of rubber hydrochloride. 2,190,287; Feb. 13.

Hershberger, Albert, Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Laminated material. 2,192,708; Mar. 5.

Hershberger, Albert, Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial cellulosic material bonded to rubber and producing the bond. 2,224,679; Dec. 10.

Hershberger, Albert, Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial cellulose material bonded to rubber and producing the bond. 2,211,948; Aug. 20.

Hershberger, Albert, Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial cellulosic material bonded to rubber and producing the same. 2,211,949; Aug. 20.

Hershberger, Albert, Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial cellulosic material bonded to rubber and producing the bond. 2,211,950; Aug. 20.

Hershberger, Albert, Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial cellulosic material bonded to rubber and producing the bond. 2,211,951; Aug. 20.

Hershberger, William D., Collingswood, N. J., assignor to Radio Corporation of America. Antenna switching system. 2,189,549; Feb. 6.

Hershey, Carl G., and L. J. Buck, Alton, Ill., assignors to American Smelting and Refining Company, New York, N. Y. Smelting lead ores in the Scotch hearth. 2,223,211; Nov. 26.

Hershey, John R., Gary, Ind., and J. K. Lamoree, Chicago, Ill. Apparatus for treating metallic strip. 2,221,348; Nov. 12.

Hershey, Lloyd M., Brooklyn, N. Y., assignor to Hazeltine Corporation. Signal-translating system. 2,188,658; Jan. 30.
Hershey, Lloyd M., Brooklyn, N. Y., assignor to Hazeltine Corporation. Remotely controlled radio receiver. 2,189,287; Feb. 6.
Hershson, Morris. (See Attman, Myer, assignor.)
Herskind, Carl C., Schenectady, N. Y., assignor to General Electric Company. Electric translating system. 2,195,308; Mar. 26.
Herskind, Carl C., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system. 2,218,383; Oct. 15.
Herskind, Carl C., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting apparatus. 2,225,341; Dec. 17.
Herson, Jacob, Dayton, Ohio. Distance measuring apparatus and system. 2,206,036; July 2.
Herstein, Bernard, Brooklyn, assignor to U. S. Industrial Alcohol Company, New York, N. Y. Azo dyestuffs, etc. 2,191,094; Feb. 20.
Herstein, Karl M. (See Chesler, I., and Herstein.)
Hertel, Franz, Steglitz, Berlin, assignor of one-half to K. Franke, Berlin, Germany. Boiler. 2,196,631; Apr. 9.
Hertel, Richard K. (See Grau, H. E., and Hertel.)
Hertel, Richard K., Vernon, assignor to Byron Jackson Co., Huntington Park, Calif. Safety hook. 2,196,460; Apr. 9.
Hertel, Richard K., Vernon, assignor to Byron Jackson Co., Huntington Park, Calif. Tubing catcher and anchor. 2,221,797; Nov. 19.
Herter, John R. (See Le Gloahec, V. C. E., and Herter.)
Herthel, Eugene C., Flossmoor, Ill., and T. B. Kimball, Hammond, Ind., assignors to Sinclair Refining Company, New York, N. Y. Heating hydrocarbons. 2,194,500; Mar. 26.
Hertlein, Carl J., Brooklyn, N. Y. Dividing head. 2,214,166; Sept. 10.
Hertler, William, Pittsburgh, Pa. Saw trimmer vise. 2,188,976; Feb. 6.
Hertrich, Joseph. (See Roberts, E., and Hertrich.)
Hertrich, Joseph, Mantua, N. J. Power transmission device. 2,202,378; May 28.
Hertzberg Patents, Inc. (See Hertzberg, William, assignor.)
Hertzberg, William, assignor to Hertzberg Patents, Inc., New York, N. Y. Brush. 2,186,832; Jan. 9.
Herz, Alfred, Chicago, Ill. Electric shielding system. 2,214,134; Sept. 10.
Herz, Ferdinand B., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Multiple heat exchange unit. 2,188,975; Feb. 6.
Herz, Ferdinand B., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Heat exchange unit and making same. 2,226,243; Dec. 24.
Herz, Nathaniel. (See Clark, A. J., Herz, and Adams.)
Herz, Walter, Vienna, Austria. Fireproofing composition. 2,225,831; Dec. 24.
Herzberger, Maximilian J., assignor to Eastman Kodak Company, Rochester, N. Y. Optical system. 2,186,605; Jan. 9.
Herzig, Leonard A., Brooklyn, assignor, by mesne assignments, to Lon-Ga-Tone, Inc., New York, N. Y. Sound recording and reproducing apparatus. 2,215,468; Sept. 24.
Herzig, Max L. (See Herzig, Morris, assignor.)
Herzig, Morris, Oakland, Calif., assignor to M. L. Herzig, Seattle, Wash. Automatic valve for fluids under intermittent pressure. 2,187,971; Jan. 23.
Herzinger, Carl B., Los Angeles, Calif. Garment hanger. 2,190,102; Feb. 13.
Herzinger, Carl B., Los Angeles, Calif. Tumbling figure. 2,218,207; Oct. 15.
Herzka, Leopold, Vienna, Germany, assignor, by mesne assignments, to Comtec Limited, London, England. Reinforcement for concrete. 2,191,233; Feb. 20.
Herzmark, Nicolas, Paris, France. Gas operated starting mechanism. 2,204,308; June 11.
Herzog, Eugene W., and C. J. Futter, assignors to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Article of footwear. 2,200,333; May 14.
Herzog, Ewald. (See Krell, A., and Herzog.)
Herzog, Ewald, Berlin, assignor to Deutsche Gold und Silber Scheideanstalt, Frankfort-on-the-Main, Germany. Preparation of metallic oxides. 2,202,252; May 28.
Herzog, Kurt, Berlin-Charlottenburg, and G. Vaniadis, Berlin-Treptow, Germany, assignors to General Electric Company. Electric valve circuit. 2,219,924; Oct. 29.
Herzog, Milton L. (See Goff, L. E. Sheldon, Herzog, and Olsen.)
Herzog, Milton L. (See Sheldon, L. M., Goff, Herzog, and Olsen.)
Herzog, Robert, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Distance indication means and method. 2,205,560; June 25.
Herzog, Robert, Berlin-Wilhelmshagen, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. High frequency radiation structure. 2,210,666; Aug. 6.
Herzog, Robert, Wilhelmshagen, assignor to C. Lorenz Aktiengesellschaft, Berlin, Tempelhof, Germany. Vacuum tube device. 2,219,925; Oct. 29.
Herzog, Robert P., Washington, D. C. Field service method and apparatus. 2,220,650; Nov. 5.
Herzog, Theodore O. H., Los Angeles, Calif. Door. 2,225,050; Dec. 17.
Heslop, Robert N., and W. W. Tatum, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Anthraquinone dyestuffs. 2,199,176; Apr. 30.
Hess, Aaron, Lake Como, N. J. Game. 2,224,730; Dec. 10.
Hess, Edwin W. (See Hess, Walter, assignor.)
Hess, Elmer Milton, assignor of one-half to George M. Hume, Fresno, Calif. Vise. 2,215,122; Sept. 17.
Hess, Emil, Berlin, Wis. Safety hydraulic brake system. 2,203,908; June 11.
Hess, Frederic O., assignor to The Selas Company, Philadelphia, Pa. Internal combustion engine heater. 2,196,828; Apr. 9.
Hess, Frederic O., assignor to The Selas Company, Philadelphia, Pa. Air heater. 2,196,829; Apr. 9.
Hess, Frederic O., Germantown, Pa., assignor by mesne assignments, to Interchemical Corporation, New York, N. Y. Apparatus for drying printing ink. 2,210,032; Aug. 6.
Hess, Frederic O., assignor to The Selas Company, Philadelphia, Pa. Apparatus for burning gas. 2,215,079; Sept. 17.
Hess, Frederic O., assignor to The Selas Company, Philadelphia, Pa. Gas heated furnace and operating same. 2,215,080; Sept. 17.
Hess, Frederic O., assignor to The Selas Company, Philadelphia, Pa. Bell type furnace. 2,215,081; Sept. 17.
Hess, Fritz, Frankfort-on-the-Main-Hochst, and H. Pardon, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation. Water soluble oxazine dyestuff. 2,225,476; Dec. 17.
Hess, Heinrich O., assignor to Actiengesellschaft Joh. Jacob Rieter & Cie, Winterthur, Switzerland. Device for drawing rovings in speeders and spinning machines. 2,211,117; Aug. 13.
Hess, Jesse N., Pampa, Tex. Airplane control. 2,211,267; Aug. 13.
Hess, John A., Columbus, Ohio. Governing mechanism. 2,194,166; Mar. 19.
Hess, John A., Columbus, Ohio. Governing mechanism. 2,216,569; Oct. 1.
Hess, Walter, assignor of one-half to E. W. Hess, New York, N. Y Adding and subtracting device. 2,187,496; Jan. 16.
Hess, William F., Pawtucket, R. I., assignor to Armbrust Chain Company. Ornamental chain. 2,217,339; Oct. 8.
Hesse, Guillaume, Huizen, Netherlands. Apparatus for exercising the fingers in the movements required for playing musical instruments. 2,202,202; May 28.
Hesse, Walter A., Alameda, Calif. Electroplating pad. 2,215,102; Sept. 17.
Hessels, Willem J. (See Waterman, H. I., Hessels, and van Krevelen.)
Hessenbruch, Werner, Hanau, assignor to Heraeus-Vacuumschmelze, A. G., Hanau-on-the-Main, Germany. Beryllium-copper alloys. 2,192,495; Mar. 5.
Hessenbruch, Werner, Hanau, assignor to Heraeus-Vacuumschmelze A. G., Hanau-on-the-Main, Germany. Beryllium-copper alloys. 2,192,496; Mar. 5.
Hessenbruch, Werner, Hanau, assignor to Heraeus-Vacuumschmelze A. G. Hanau-on-the-Main, Germany. Beryllium-copper alloys. 2,192,497; Mar. 5.
Hessenbruch, Werner, and W. Rohn, Hanau-on-the-Main, Germany. Making copper-lead bearings. 2,212,473; Aug. 20.
Hessenmuller & Wolpert. (See Wolpert, O., and Ludwig, assignors.)
Hesson, Charles M., assignor to Hanover Machine Corporation, Hanover, Pa. Labeling machine. 2,213,704; Sept. 3.
Hesson, William W., Toronto, Ontario, Canada. Tobacco pipe. 2,188,751; Jan. 30.
Hester, John C., assignor of one-third to G. W. Young and one-third to B. Lichtenberger, Milwaukee, Wis. Shoe dressing and polishing cloth. 2,205,063; June 18.
Hester, William F., Drexel Hill, assignor to Röhm & Haas Company, Philadelphia, Pa. Insecticide. 2,213,214; Sept. 3.
Hester, William F., Drexel Hill, assignor to Röhm & Haas Company, Philadelphia, Pa. Insecticide. 2,213,215; Sept. 3.
Hester, William F., Drexel Hill, Pa., assignor to Röhm & Haas Company, Philadelphia, Pa. Insecticide. 2,213,216; Sept. 3.
Hester, William F., Drexel Hill, Pa., assignor to Röhm & Haas Company, Philadelphia, Pa. Insecticide. 2,213,217; Sept. 3.
Hester, William F., Drexel Hill, Pa., assignor to Röhm & Haas Company, Philadelphia, Pa. Insecticide. 2,213,218; Sept. 3.
Hester, William F., Drexel Hill, Pa., assignee to Röhm & Haas Company, Philadelphia, Pa. Insecticide. 2,213,219; Sept. 3.
Hester, William F., Drexel Hill, assignor to Röhm & Haas Company, Philadelphia, Pa. Thiocyano ester. 2,220,521; Nov. 5.
Heth, Sherman C., Sturtevant, assignor to J. I. Case Company, Racine, Wis. Thrashing element. 2,217,590; Oct. 8.

Heth, Sherman C., and W. B. Tallman, assignors to J. I. Case Company, Racine, Wis. Combination harvester-thresher. 2,199,629; May 7.
Hetherington & Berner Inc. (See Berner, Robert B., assignor.)
Hetherington, Robert, Sharon Hill, Pa. Electrical switch. 2,215,584; Sept. 24.
Hetherington, Robert, Sharon Hill, Pa. Massage vibrator. 2,219,651; Oct. 29.
Hetsch, Edmond I., Valley Stream, N. Y. Rail and flange lubricator. 2,220,716; Nov. 5.
Hettinger, Bernard H., assignor to Wagner Electric Corporation, St. Louis, Mo. Oil separator. 2,211,422; Aug. 13.
Hettler, Sangston. (See Peoples, John S., assignor.)
Hettrich Manufacturing Company, The. (See Smith, William I., assignor.)
Hettrick Manufacturing Company, The. (See Yerrick, Harry A., assignor.)
Hetzel, Theodore B., Haverford, and P. H. Schweitzer, assignors to Pennsylvania Research Corporation, State College, Pa. Electronic indicator for investigating impulses, vibrations, and the like. 2,192,863; Mar. 5.
Hetzer, Russell A., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Transmission mechanism. 2,217,340; Oct. 8.
Heuacker, Frederick W., Miami, Fla. Ventilating apparatus for toilet bowls. 2,216,008; Sept. 24.
Heuberger, Josef F., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,206,254; July 2.
Heuberger, Josef F., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Bearing. 2,223,518; Dec. 3.
Heuer, Johanna A. A., administratrix. (See Voss, A., and Heuer.)
Heuer, Lawrence H., Detroit, Mich. Head lining listing support. 2,194,901; Mar. 26.
Heuer, Lawrence H., Detroit, Mich. Making head lining listing supports. 2,194,902; Mar. 26.
Heuer, Russell P., Bryn Mawr, Pa. Iron desulphurization. 2,193,593; Mar. 12.
Heuer, Werner. (See Starck, W., and Heuer.)
Heuer, Werner. (See Voss, A., and Heuer.)
Heuer, William F., Quincy, Ill. Clothes stick. 2,191,527; Feb. 27.
Heupel, Rudolph R. (See Lex, J. R., and Heupel.)
Heusted, George B. (See Dreisbach, R. R., and Heusted.)
Hevers, Sylvester E., Waterford, N. Y. Teapot. 2,187,029; Jan. 16.
Hevi Duty Electric Company. (See Smalley, Edwin L., assignor.)
Heward, Frederick R., San Francisco, Calif. Vignetter for cameras. 2,193,333; Mar. 12.
Hewel, Frank B., Pittsburgh, Pa. Spring holder for vehicles. 2,191,528; Feb. 27.
Hewel, Frank B., Pittsburgh, Pa. Tire chain. 2,198,478; Apr. 23.
Hewel, Frank B., Pittsburgh, Pa. Oil filtering device. 2,202,379; May 28.
Hewett, William S., Elmhurst, Ill. Concrete dome for buildings. 2,223,418; Dec. 3.
Hewitt Delivery Systems, Inc., The. (See Hewitt, William H., assignor.)
Hewitt, Earl V., assignor to Pan American Production Company, Houston, Tex. Liquid recovery and gas recycle method. 2,217,749; Oct. 15.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Empty and load brake device. 2,194,751; Mar. 26.
Hewitt, Ellis E., Edgewood, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Brake equipment. 2,215,354; Sept. 17.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle brake and motor control system. 2,215,356; Sept. 17.
Hewitt, Ellis E., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake and propulsion control actuator. 2,215,355; Sept. 17.
Hewitt, James R., Jr. (See Cook, E., Huber, and Hewitt.)
Hewitt-Kuster Co., The. (See Kuster, Vivian E., assignor.)
Hewitt, William H., Chicago, Ill., assignor to The Hewitt Delivery Systems, Inc., Boston, Mass. Material distribution system. 2,192,575; Mar. 5.
Hewittic 'Societe Anonyme". (See Demontvignier, Marcel. assignor.)
Hewlett, Amiot P., Summit, N. J., assignor to Standard Oil Development Company. Refining process. 2,218,610; Oct. 22.
Hewlett, Clarence W., Schenectady, N. Y., assignor to General Electric Company. Making photoelectric cell. 2,189,580; Feb. 6.
Hewlett, Clarence W., Schenectady, N. Y., assignor to General Electric Company. Photoelectric cell. 2,196,830; Apr. 9.
Hewton, William R., assignor to Collins & Aikman Corporation, Philadelphia, Pa. Loom replenishing mechanism. 2,194,655; Mar. 26.
Hewton, William R., assignor to Collins & Aikman Corporation, Philadelphia, Pa. Picker return means. 2,194,656; Mar. 26.
Hexdall, Andrew M., Morris, Ill. Multipurpose tool. 2,195,568; Apr. 2.
Hexdall, Andrew M., Morris, Ill. Fastening device. 2,203,146; June 4.
Hey, Donald H. (See Heilbron, I. M., Hey, and Haworth.)
Hey, Henry W., assignor to Automatic Shifters, Inc., Richmond, Va. Gear shifting mechanism for motor vehicles. 2,188,279; Jan. 23.
Hey, Henry W., assignor to Automatic Shifters, Inc., Richmond, Va. Gear shifting mechanism for motor vehicles. 2,201,970; May 21.
Hey, Henry W., assignor to Automatic Shifters, Inc., Richmond, Va. Gear shifting mechanism. 2,201,971; May 21.
Heyden Chemical Corporation. (See Hammond, P. D., and Harris, assignors.)
Heydenburg, Clair W., Los Angeles, Calif. Nibbling attachment for drill presses. 2,214,584; Sept. 10.
Heyer, Benjamin F. W., Tenafly, N. J., assignor to Knickerbocker Development Corporation. One meter battery tester. 2,225,051; Dec. 17.
Heyer, Don, Los Angeles, Calif. Variable speed drive. 2,215,831; Sept. 24.
Heyer, Don, Los Angeles, Calif., assignor to U. S. Electrical Motors, Inc. Centrifugally controlled variable speed transmission. 2,189,288; Feb. 6.
Heyer, Don, Los Angeles, Calif., assignor to U. S. Electrical Motors, Inc. Variable speed power unit. 2,191,200; Feb. 20.
Heyer, Don, assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Electrically driven variable speed drive system. 2,202,553; May 28.
Heyer, Don, Los Angeles, Calif., assignor to U. S. Electrical Motors, Inc. Ventilated variable speed power unit. 2,205,975; June 25.
Heyer, Don, Los Angeles, Calif., assignor to U. S. Electrical Motors, Inc. Variable speed power unit. 2,205,976; June 25.
Heyer, Don, Los Angeles, Calif., assignor to U. S. Electrical Motors, Inc. Electric motor driven power unit. 2,205,977; June 25.
Heyer, Don, assignor to U. S. Electrical Motors Inc., Los Angeles, Calif. Variable speed transmission device. 2,207,219; July 9.
Heyer, Don, Los Angeles, Calif., assignor to U. S. Electrical Motors, Inc. Variable speed transmission device. 2,214,854; Sept. 17.
Heyer, Don, and G. T. Pfleger, Los Angeles, Calif., assignors to U. S. Electrical Motors, Inc. Variable speed electric power unit. 2,198,940; Apr. 30.
Heyer, Don, and T. G. Myers, Los Angeles, Calif., assignors to U. S. Electrical Motors, Inc. Variable speed power unit. 2,202,554; May 28.
Heylandt, Christian W. P., Berlin-Britz, Germany. Two-stage internal combustion engine. 2,220,764; Nov. 5.
Heyman, Horace W., Kenilworth, N. J. Strain relief for electrical appliance cord sets. 2,226,610; Dec. 31.
Heyman, Nathan, assignor to Oscar Heyman & Brothers, Inc., New York, N. Y. Sealing ring. 2,185,811; Jan. 2.
Heyman, Oscar, & Brothers, Inc. (See Heyman, Nathan, assignor.)
Heymann, Otto. (See Hellmann, R., Heymann, and Tuczek.)
Heymann, Otto, Berlin-Siemensstadt, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung, Berlin, Germany. Electron discharge device. 2,200.745; May 14.
Heymer, Gerd. (See Eggert, J., and Heymer.)
Heymer, Gerd. (See Eggert, J., Heymer, and Schultze.)
Heymer, Gerd. (See Eggert, J., von Biehler, and Heymer.)
Heymer, Gerd. (See Schneider, W., and Heymer.)
Heymer, Gerd, Wolfen, Kreis Bitterfeld, Germany, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Subtractive color film. 2,186,070; Jan. 9.
Heymer, Rae J., Minneapolis, Minn. Game apparatus. 2,203,990; June 11.
Heyn, Myron. (See Sahyun, M., and Heyn.)
Heyna, Hans, W. Schumacher, and O. Scherer, Frankfort-on-the-Main, Germany, assignors to General Aniline & Film Corporation. Azo dyestuffs insoluble in water and fiber dyed therewith. 2,196,015; Apr. 2.
Heynau, David H., Cincinnati, Ohio. Friction gear transmission. 2,199,491; May 7.
Heyne, Clarence A. (See Jackson, A. S., and Heyne.)
Heyne, Clarence A., Alton, Ill., assignor to Owens-Illinois Glass Company. Stencil screen construction. 2,218,451; Oct. 15.
Heyns, Kurt. (See Dalmer, O., and Heyns.)
Heyser, William H. (See Tapie, Joseph F., assignor.)
Heywood, Vincent E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Dry-sealing envelope or container. 2,190,023; Feb. 13.
Heywood, Vincent E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Dry-sealing envelope and the packing of same. 2,190,024; Feb. 13.
Heywood, Vincent E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Dry-sealing envelope. 2,196,461; Apr. 9.
Heywood, Vincent E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Dry-sealing envelope. 2,205,529; June 25.
Heywood, Vincent E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Mailing closure for cards. 2,209,601; July 30.

Heywood, Vincent E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Packaging of dry-sealing envelopes. 2,217,949; Oct. 15.
Heywood-Wakefield Company. (See Bell, Alfred B., assignor.)
Heywood-Wakefield Company. (See Hill, Oiva E., assignor.)
Hiatt, Burritt M., assignor to The Irwin Auger Bit Company, Wilmington, Del. Tool-receiving handle. 2,202,253; May 28.
Hiatt, Earl, and J. J. Macken, Muncie, Ind., assignors to Owens-Illinois Glass Company. Glass handling apparatus. 2,191,143; Feb. 20.
Hiatt, Gordon D., assignor to Eastman Kodak Company, Rochester, N. Y. Enteric coating. 2,196,768; Apr. 9.
Hiatt, Gordon D., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of medicaments. 2,221,139; Nov. 12.
Hibbard, E. W., et al. (See Wilsey, Irven H., assignor.)
Hibbard, Lloyd J., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Locomotive control system. 2,200,084; May 7.
Hibbard, Lloyd J., Forest Hills, and T. L. Weybrew, Edgewood, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,200,083; May 7.
Hibbard, Russell J., Manette, Wash. Golf ball marking device. 2,189,757; Feb. 13.
Hibbert, Harold. (See McCarthy, J. L., Hibbert, and Tomlinson.)
Hibbert, Harold M. (See McVeigh, W. B., and Hibbert.)
Hibbs, Ralph M., Philadelphia, Pa., assignor of fifty per cent to S. E. Lewis, Middleport, N. Y. Binding means. 2,188,222; Jan. 23.
Hibner, De Los E., Jr. (See Arey, F. C., and Hibner.)
Hibner, De Los E., Jr., Du Bois, Pa., and F. C. Arey, Oak Park, Ill., assignors to Vulcan Soot Blower Corporation. Precooling soot blower elements. 2,207,681; July 9.
Hicke, Gerald E., Chicago, Ill. Air conditioning apparatus. 2,213,733; Sept. 3.
Hicken, Elmer E., Collingswood, N. J. Tender. 2,194,939; Mar. 26.
Hickey, Charles M., New York, N. Y. Hydraulic comb and brush. 2,218,471; Oct. 15.
Hickey, Charles M., New York, N. Y. Fountain comb. 2,222,176; Nov. 19.
Hickey, Henri J., Beverly Hills, Calif. Internal combustion engine. 2,201,292; May 21.
Hickey, James F., Los Angeles, Calif. Casket handling device. 2,198,997; Apr. 30.
Hickler, Walter R., Weston, assignor to Hood Rubber Company, Inc., Watertown, Mass. Liner for separating adhesive material. 2,201,537; May 21.
Hickling, Fred O., Nottingham, assignor to Ransome and Marles Bearing Company Limited, Newark-on-Trent, England. Antifriction bearing. 2,185,339; Jan. 2.
Hickman, Albert F., assignor to Hickman Pneumatic Seat Co. Inc., Eden, N. Y. Vehicle spring suspension. 2,198,616; Apr. 30.
Hickman, Albert F., assignor to Hickman Pneumatic Seat Co. Inc., Eden, N. Y. Spring suspension for vehicles. 2,210,241; Aug. 6.
Hickman, Albert F., assignor to Hickman Pneumatic Seat Co. Inc., Eden, N. Y. Torsion rod mounting. 2,213,004; Aug. 27.
Hickman, Clarence N., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraphone. 2,185,300; Jan. 2.
Hickman, Clarence N., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective switch. 2,185,374; Jan. 2.
Hickman, Clarence N., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selector switch brush. 2,188,659; Jan. 30.
Hickman, Clarence N., Jackson Heights, and E. Lakatos, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,212,830; Aug. 27.
Hickman, Harold, Dallas, Tex., assignor to Leggett and Platt Spring Bed and Manufacturing Company, Carthage, Mo. Spring structure for use in bed mattresses, pillows, and cushions. 2,214,135; Sept. 10.
Hickman, John G., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Ash receptacle. 2,203,960; June 11.
Hickman, John G., Detroit, and B. A., Lamerand, East Dearborn, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Door lock. 2,213,839; Sept. 3.
Hickman, Kenneth C. D., assignor, by mesne assignments to Distillation Products, Inc., Rochester, N. Y. Degassing apparatus. 2,197,539; Apr. 16.
Hickman, Kenneth C. D., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Vacuum distillation. 2,199,994; May 7.
Hickman, Kenneth C. D., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Preparation of vitamin compositions. 2,199,995; May 7.
Hickman, Kenneth C. D., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Fat soluble vitamin concentrate. 2,205,925; June 25.
Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Vacuum pump. 2,206,093; July 2.
Hickman, Kenneth C. D., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Vacuum distillation process. 2,210,926; Aug. 13.
Hickman, Kenneth C. D., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Vacuum distillation process. 2,210,927; Aug. 13.
Hickman, Kenneth C. D., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Vacuum distillation apparatus. 2,210,928; Aug. 13.
Hickman, Kenneth C. D., assignor to Distillation Products Inc., Rochester, N. Y. High vacuum pump. 2,211,329; Aug. 13.
Hickman, Kenneth C. D., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Vacuum distillation. 2,218,240; Oct. 15.
Hickman, Kenneth C. D., assignor by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Therapeutic composition. 2,221,690; Nov. 12.
Hickman, Kenneth C. D., assignor to Distillation Products Inc., Rochester, N. Y. Vacuum distillation. 2,221,691; Nov. 12.
Hickman, Kenneth C. D., and J. G. Baxter, assignors to Distillation Products Inc., Rochester, N. Y. Separation process. 2,221,692; Nov. 12.
Hickman Pneumatic Seat Co. Inc. (See Hickman, Albert F., assignor.)
Hickman, Raymond N., New York, N. Y. Egg tray. 2,188,044; Jan. 23.
Hickok Manufacturing Company. (See Deming, Frederick G., assignor.)
Hickok Manufacturing Company. (See Krueger, Harris G., assignor.)
Hickok Manufacturing Company. (See Quant, Harry R., assignor.)
Hickok Manufacturing Company. (See Rawlings, James T., assignor.)
Hickok, Willard, Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Making mosaic electrodes. 2,189,986; Feb. 13.
Hickok, Willard H., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electrode structure. 2,189,985; Feb. 13.
Hickok, Willard H., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Television transmitting tube. 2,204,250; June 11.
Hickok, Willard H., Bloomfield, N. J., assignor to Radio Corporation of America. Magnetic field neutralizing system. 2,214,729; Sept. 17.
Hicks, Earl J., Gouverneur, assignor of one-half to F. G. Denesha, Dekolb, N. Y. Safety hub cap. 2,191,388; Feb. 20.
Hicks, Earl M., Lebanon, Ind. Bus body. 2,199,101; Apr. 30.
Hicks, Frederick T., Detroit, Mich., assignor to The Indemse Corporation. Timepiece regulating system and method. 2,200,604; May 14.
Hicks, Harold, Yankton, assignor of one-third to F. L. Vilas and ten per cent to G. Clabaugh, Pierre, S. Dak. Pneumatic tire switch. 2,188,112; Jan. 23.
Hicks, Harry J., assignor to Precision Finishing Machine Corporation, Lynchburg, Va. Silk screen printing apparatus. 2,217,366; Oct. 8.
Hicks, Howard, assignor to The Thermo Fire Brick Company, Sulphur Springs, Tex. Furnace wall construction. 2,225,216; Dec. 17.
Hicks, Leslie A., Honolulu, Hawaii, assignor to Peabody Engineering Company, New York, N. Y. Air register. 2,202,524; May 28.
Hicks, Raymond M. (See Haselton, M. L., and Hicks.)
Hicks, Raymond M., Plainfield, N. J., assignor to The Teleregister Corporation, New York, N. Y. Numerical comparing system. 2,191,234; Feb. 20.
Hicks, Raymond M., Plainfield, N. J., assignor to The Teleregister Corporation, New York, N. Y. Method of and apparatus for recording and disseminating information. 2,224,244; Dec. 10.
Hicks, Raymond M., Plainfield, N. J., and M. L. Haselton, Rye, assignors to The Teleregister Corporation, New York, N. Y. Indicating device. 2,189,581; Feb. 6.
Hickson, Henry E. (See Stokes, W. H., and Hickson.)
Hicok, Frank V., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Lamp assembly. 2,225,217; Dec. 17.
Hiers, Charles R. (See Borse, F. W., and Hiers.)
Hierta, Hans. (See Sloman, C. M., and Hierta.)
Hiertz, Arthur J., assignor to Bridgeport Brass Company, Bridgeport, Conn. Drain stopper. 2,194,940; Mar. 26.
Hiesermann, William F., San Juan, Tex. Irrigation border filler. 2,205,038; June 18.
Hiester, Harry M., Dayton, Ohio. Universal joint. 2,219,591; Oct. 29.
Hiester, Harry M., and A. P. Barcus, assignors to United Aircraft Products, Inc., Dayton, Ohio. Valve. 2,198,386; Apr. 23.
Higashio, Shinkichi. (See Igarashi, I., and Higashio.)
Higbee, James F., Detroit, Mich. Dual wheel assembly. 2,195,487; Apr. 2.
Higbee, James F., Detroit, Mich. Sputum container for motor vehicles. 2,206,534; July 2.
Higby, Kenneth W., Englewood, N. J., assignor to The Carborundum Company, Niagara Falls, N. Y. Printing press cylinder. 2,185,766; Jan. 2.
Higginbotham, Naomi W., Los Angeles, Calif. Bedspread roller. 2,202,582; May 28.

Higginbottom, William E. (See Williams, S. N., and Higginbottom.)
Higgins, Andrew J., New Orleans, La. Filling device for liquid fuel tanks. 2,225,111; Dec. 17.
Higgins, Gilbert H., Mountain Lakes, and W. S. Edwards, New Haven, Conn., assignors to R. Hoe & Co., Inc., New York, N. Y. Printing machine. 2,220,903; Nov. 12.
Higgins, Lee R. (See Sweet, W. R., and Higgins.)
Higgins, Ralph, Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Capacitance potential device. 2,186,486; Jan. 9.
Higgins, Ralph V. (See Bowie, C. P., and Higgins.)
Higgins, Robert W. (See Perin, Donald W., assignor.)
Higgins, Roberta B., Westmount, Quebec, Canada. Cut out toy. 2,189,550; Feb. 6.
Higgins, Thomas W., and T. J. Lawler, Mahanoy City, Pa. Tire chain anchoring and applicator means. 2,213,910; Sept. 3.
Higgins, William H. C., West Orange, and R. C. Newhouse, Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radiant energy distance measuring system. 2,206,896; July 9
Higginson, Joseph H., Andover, assignor to M. T. Stevens & Sons Company, North Andover, Mass. Stock dyeing apparatus. 2,207,682; July 9.
Higgs, Charles W., London, England, assignor to Borg-Warner Corporation, Chicago, Ill. Clutch. 2,194,793; Mar. 26.
Higham, William W., assignor to Universal Cooler Corporation, Detroit, Mich. Refrigerator evaporator 2,190,288; Feb. 13.
Higham, William W., assignor to Universal Cooler Corporation, Detroit, Mich. Refrigerating apparatus. 2,190,289; Feb. 13.
Highberg, George A. (See Sloan, Harry E. and H. E., Jr., and Highberg.)
Highberg, George A. (See Sloan, H. E., and Highberg.)
Highberg, George A., and H. E. Sloan, assignors to The Cushman Chuck Company, Hartford, Conn. Power operated chuck. 2,224,633; Dec. 10.
High Duty Alloys Limited. (See Allen, Frank A., assignor.)
Highhouse, Albert M., assignor of one-half to C. J. Carlsen, Spokane, Wash. Air conditioner. 2,213,911; Sept. 3.
High Vacuum Processes, Inc. (See Becknell, Ronald V., assignor.)
High Vacuum Processes, Inc. (See Schulze, John E., assignor.)
High Vacuum Processes, Inc. (See Schulze, J. E., and Becknell, assignors.)
Higley, Henry R., Pittsfield, Mass. Glaremeter. 2,209,728; July 30.
Hilado, Alfonso, Silay, P. I. Electrical binding post. 2,189,714; Feb. 6.
Hilberth, Karl P., assignor of forty per cent to S. Steckler and twenty per cent to H. Hecker, White Plains, N. Y. Dirigible airship. 2,191,759; Feb. 27.
Hild, Frederic W., Los Angeles, Calif. Safety casing head. 2,186,139; Jan. 9.
Hild, Frederic W., Los Angeles, Calif. Blowout preventer. 2,207,149; July 9.
Hild, Frederic W., Los Angeles, Calif. Blowout preventer. 2,207,199; July 9.
Hildabolt, John M., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Sizing and grooving composite strip material. 2,225,269; Dec. 17.
Hildabolt, John M., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Bearing structure. 2,227,307; Dec. 31.
Hildabolt, John M., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Molding metal powders. 2,227,308; Dec. 31.
Hildabolt, John M., and A. R. Shaw, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Porous metal article. 2,214,104; Sept. 10.
Hildabrand, Carl, Manila, P. I. System for determining quantities of rainfall over large geographical areas. 2,202,452; May 28.
Hildebrand, Clara, Manila, P. I. Combination dress ensemble. 2,207,007; July 9.
Hildebrand, Otto G., Cleveland, Ohio. Tool for manipulating head lamp lenses. 2,193,097; Mar. 12.
Hildebrand, Otto G., and E. H. Berger, Cleveland, Ohio. Adapter for electric fans. 2,186,674; Jan. 9.
Hildebrand, Ralph L., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrostatic precipitator equipment. 2,200,085; May 7.
Hildebrand, Ralph L., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Self-contained electrostatic air cleaner. 2,214,585; Sept. 10.
Hildebrand, Ralph L., and I. A. Yost, Lakewood, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Precipitator indicating system. 2,217,481; Oct. 8.
Hildebrand, William R., Chicago, Ill. Air conditioning apparatus. 2,186,697; Jan. 9.
Hildebrand, William R., Chicago, Ill. Water cooling system. 2,207,619; July 9.
Hildebrandt, Friedrich. (See Butenandt, A., and Hildebrandt.)
Hildebrandt, Friedrich. (See Schoeller, W., Gehrke, and Hildebrandt.)
Hildebrandt, Friedrich. (See Schwenk, E., Hildebrandt, and Gehrke.)
Hildebrandt, Gustav, Mannheim, assignor to E. Bilhuber Inc., Jersey City, N. J. Preparation of derivatives of β-(P-hydroxy-phenyl)-isopropylamine. 2,204,494; June 11.
Hildebrandt, Gustav, Mannheim, Germany, assignor to E. Bilhuber, Inc., Jersey City, N. J. Chemical compounds β-(ortho-hydroxyphenyl)-isopropylamines. 2,205,530; June 25.
Hildebrandt, Gustav, Mannheim, Germany, assignor to E. Bilhuber Inc., Jersey City, N. J. Derivatives of B-(hydroxyphenyl)-isopropylamine. 2,223,686; Dec. 3.
Hildebrandt, Henry, Chicago, Ill. Duplicator. 2,220,242; Nov. 5.
Hildebrandt, Herbert W. (See James, Rutherford B., assignor.)
Hildebrandt, Rainer, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Automatic volume control. 2,204,962; June 18.
Hildenbrand, Frederick, Stockton, Calif. Device for holding valve keepers. 2,204,309; June 11.
Hilder, Stuart, Arlington, Va., assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 2,206,724; July 2.
Hildreth, Harold F. (See Mosshart, Donald J., assignor.)
Hileman, Lawrence G., Jonesboro, Ind., and S. T. Moreland and J. B. Potoczky, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Apparatus for polishing and cleaning plastic articles. 2,210,584; Aug. 6.
Hilferty, Richard A., Oceanside, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Wave signaling method and apparatus. 2,207,620; July 9.
Hilger, Joseph F., Minneapolis, Minn. Safety baby hammock. 2,220,330; Nov. 5.
Hilger, Walter C., assignor of one-half to H. Scheurer, Chicago, Ill. Apparatus for cooling containers. 2,207,802; July 16.
Hilger, William P., R. E. McFadden, and J. E. Swalinkavich, Jr., St. Cloud, Minn.; said McFadden and said Swalinkavich, assignors to said Hilger. Drum for smoothing surfaces. 2,220,370; Nov. 5.
Hilgermann, Maria. (See Hilgermann, Robert and M.)
Hilgermann, Robert, Landsberg, Warthe, and M. Hilgermann, Berlin, assignors, by mesne assignments, to Schering Corporation, Bloomfield, N. J. Remedy for infection by cocci and manufacturing it. 2,220,331; Nov. 5.
Hilgers. Wilhelm, Dusseldorf, Germany. Butter cutting machine. 2,211,655; Aug. 13.
Hilker, Harrison F. (See Thurston, P. L., and Hilker.)
Hilker, Harrison F. (See Thurston, P. L., Nagley, and Hilker.)
Hill, Allan W. (See MacDonald, H. G., and Hill.)
Hill, Alvin A., Passaic, N. J. Automatic safety control for motor propelled vehicles. 2,218,910; Oct. 22.
Hill, Arthur, and E. E. Walker, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Synthetic resinous materials. 2,226,202; Dec. 24.
Hill, Arthur D., Jr., Los Angeles, Calif. Fishing gear. 2,185,666; Jan. 2.
Hill, Arthur M., assignor to Stanolind Pipe Line Company, Tulsa, Okla. Safety snatch block. 2,187,268; Jan. 16.
Hill, Arthur M., and J. B. Harshman, assignors to Stanolind Pipe Line Company, Tulsa, Okla. Collar welding jig. 2,187,878; Jan. 23.
Hill, Aurora V. (See Cavey, C. A., Copin, Hill, and Hunt.)
Hill, C. V., and Company. (See Hill, Joseph S., assignor.)
Hill, C. V., & Company. (See Hoffman, Cyrus F., assignor.)
Hill, C. V., & Company, The. (See MacMaster, Malcolm D., assignor.)
Hill, C. V., & Company. (See Wild, Günther P., assignor.)
Hill, Charles F., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Method of and means for the manufacture of abrasive cloth. 2,217,444; Oct. 8.
Hill, Charles R., Toronto, Ontario, Canada. Coating composition. 2,220,152; Nov. 5.
Hill, Chester A., Dedham, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Sole machine. 2,214,056; Sept. 10.
Hill, Dewey H., assignor to Globe American Corporation, Macomb, Ill. Operating device for poultry droppings belt. 2,214,462; Sept. 10.
Hill, Donald P. (See Brown, J. W., and Hill.)
Hill, Earl W., Kansas City, Mo. Sheet record device. 2,220,332; Nov. 5.
Hill, Edward H., Chicago, Ill. Emergency vehicle wheel. 2,201,489; May 21.
Hill, Eugene C., McNeal, Ariz. Hydraulic clutch or transmission. 2,195,778; Apr. 2.
Hill, Francis A., 2nd, et al. (See Hill, Myron F., assignor.)
Hill, Frank F., Beverly Hills, assignor to Union Oil Company of California, Los Angeles, Calif. Core barrel. 2,217,203; Oct. 8.

Hill, Fredrick, assignor to The Eaton Knitting Co. Limited, Hamilton, Ontario, Canada. Knitting double faced fabric. 2,214,021; Sept. 10.
Hill, George. (See Anderson, A. J., and Hill.)
Hill, George B. (See Jones, F. D. and Hill.)
Hill, George B., and F. D. Jones, assignors to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Sweep rake. 2,218,577; Oct. 22.
Hill, George M., and H. D. Clark, Riverside, Calif. Box strap holder and loader. 2,203,412; June 4.
Hill, Gilbert F., Ridgefield, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Antihunting positional control system. 2,191,792; Feb. 27.
Hill, Harold E., and L. Burbridge, assignors to Blackstone & Company Limited, Stamford, England. Control of Diesel and other internal combustion engines. 2,223,419; Dec. 3.
Hill, Harry, and T. B. Rose, Belvedere, Kent, assignors to Callender's Cable and Construction Company Limited, London, England. Electric conductor. 2,217,276; Oct. 8.
Hill, Harry W. (See Boeder, P. A. K., Hill, and Tillyer.)
Hill, Henry C., Paterson, N. J., assignor to Wright Aeronautical Corporation. Air cleaner. 2,225,112; Dec. 12.
Hill, Hobart W., Seattle, Wash. Fuel oil burner control device. 2,200,671; May 14.
Hill, Howard M., Bayside, assignor to American Can Company, New York, N. Y. Weave control mechanism. 2,210,925; Aug. 13.
Hill, Hubert, and D. O. Furr, Shreveport, La. Lattice. 2,191,566; Feb. 27.
Hill, Jesse J., Quincy, Ill. Preformed knock-down display article. 2,206,353; July 2.
Hill, John G., Franklin Township, Luzerne County, Pa. Tire antiskid device. 2,192,226; Mar. 5.
Hill, John G., Franklin Township, Luzerne County, Pa. Tire antiskid device. 2,192,227; Mar. 5.
Hill, John H., Wollaston, assignor to Gillett Safety Razor Company, Boston, Mass. Shaving implement. 2,202,203; May 28.
Hill, John R., New Albany, Miss. Saw display stand. 2,195,964; Apr. 2.
Hill, Joseph S., Ewing Township, Mercer County, assignor to C. V. Hill and Company, Incorporated, Trenton, N. J. Refrigerated case and platter construction. 2,201,265; May 21.
Hill, Joseph S., Ewing Township, Mercer County, assignor to C. V. Hill & Company, Incorporated, Trenton, N. J. Refrigerated vegetable stand. 2,207,586; July 9.
Hill, Julian W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cyclohexane sulphonamide-formaldehyde resins and preparing same. 2,207,803; July 16.
Hill, Lawrence R. (See Brown A. L., and Hill.)
Hill, Lee R., and A. G. Summer, Atlanta, Ga. Fountain toothbrush. 2,226,663; Dec. 31.
Hill, Lewis C., Birmingham, assignor to The Murray Corporation of America, Detroit, Mich. Ring clinching mechanism. 2,217,840; Oct. 15.
Hill, Louis J., Madison, Ind. Fastener. 2,185,553; Jan. 2.
Hill, Lyle O., and S. Isenberg, Chicago, Ill.; said Isenberg assignor of six per cent to said Hill and twenty per cent to McLaughlin & Wallenstein. Producing compounds of barium and strontium. 2,225,633; Dec. 24.
Hill, Mark L., Yeadon, and B. Ferguson, Jr., Ridley Park, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Insecticide. 2,192,347; Mar. 5.
Hill, Myron F., Lansdowne, Pa. Change speed gear. 2,209,201; July 23.
Hill, Myron F., Westport, Conn., assignor, by mesne assignments, to F. A. Hill, 2nd, Essex Falls, N. Y., and said M. F. Hill. Tooth curve for rotors and gears. Re. 21,316; Jan. 9.
Hill, Oiva E., assignor to Heywood-Wakefield Company, Gardner, Mass. Reversing car-seat base. 2,204,218; June 11.
Hill, Oiva E., assignor to Heywood-Wakefield Company, Gardner, Mass. Reversing car-seat base. 2,215,817; Sept. 24.
Hill, Reuben, Los Angeles, assignor to L. M. Harvey, La Canada, Calif. Machine for forming solid carbon dioxide. 2,217,169; Oct. 8.
Hill, Robert H., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Switch. 2,195,746; Apr. 2.
Hill, Robert H., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Overrunning clutch. 2,209,459; July 30.
Hill, Robert H., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Control apparatus. 2,227,309; Dec. 31.
Hill, Robert H., Anderson, and B. A. Schwarz, Kokomo, Ind., assignors to General Motors Corporation, Detroit, Mich. Remote automatic radio control. 2,212,235; Aug. 20.
Hill-Rom Company, The. (See Hillenbrand, William A., assignor.)
Hill, Roscoe, Hamilton, Ontario, Canada, assignor to Scott & Williams, Incorporated, Laconia, N. H. Circular rib knitting machine and operating same. 2,191,389; Feb. 20.
Hill, Rowland. (See Charlton, W., Hill, Walker, and Waters.)
Hill, Rowland, assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Inside control hood latch. 2,209,886; July 30.
Hill, Rowland, assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Inside control hood latch. 2,224,454; Dec. 10.
Hill, Rowland, and E. Isaacs, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture of butadiene. 2,224,912; Dec. 17.
Hill, Walter J., Long Island City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wire anchoring device. 2,195,569; Apr. 2.
Hill, Webster. (See Austin, W. C., and Hill.)
Hill, Wilfred B., Runcorn, and B. P. Ridge, Latchford, Warrington, England, assignors to Imperial Chemical Industries Limited. Bleaching surfaces without immersion. 2,185,632; Jan. 2.
Hill, William H., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Deliming of hides and skins. 2,192,228; Mar. 5.
Hill, William H., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Vanadic acid esters of homocyclic alcohols. 2,220,041; Oct. 29.
Hill, William H., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Amidine vanadate. 2,220,042; Oct. 29.
Hill, William H., Mount Lebanon, Pa., assignor to American Cyanamid Company, New York, N. Y. Solid ammonium thiosulphate. 2,219,258; Oct. 22.
Hill, William H., and H. C. Hall, Bassett, Va. Sanding head. 2,215,151; Sept. 17.
Hill, William H., Stamford, R. C. Swain, Riverside, and J. H. Paden, Glenbrook, Conn., assignors to American Cyanamid Company, New York, N. Y. Production of guanidine salts. 2,221,478; Nov. 12.
Hill, William J., Redland, England. Apparatus for marking leather, textile, or paper fabrics, or other suitable material. 2,199,822; May 7.
Hill, William J., Portland, Maine. Photo enlarging easel equipment. 2,213,313; Sept. 3.
Hillberg, Bror, assignor to Superior Concrete Accessories, Inc., Chicago, Ill. Rod clamp. 2,190,838; Feb. 20.
Hillberg, Bror, assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Hanger apparatus. 2,218,819; Oct. 22.
Hillberg, Bror, assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Hanger apparatus. 2,218,820; Oct. 22.
Hille, Hermann, et al. (See Egenas, Severin L., assignor.)
Hille, Mona W., et al. (See Egenas, Severin L., assignor.)
Hille, Paul. (See Hasselbach, A., Luther, and Hille.)
Hillegas, Elmer E., Piedmont, Calif. Flush-tank control. 2,189,345; Feb. 6.
Hillen, William G., Tokyo, Japan, and F. W. Bailey, deceased, East Orange, N. J., by E. S. Bailey, administratrix, Skaneateles, N. Y., assignors, by mesne assignments, to Carrier Corporation, Newark, N. J. Air conditioning control system. 2,193,923; Mar. 19.
Hillenbrand, William A., assignor to The Hill-Rom Company, Batesville, Ind. Bed guard mounting. 2,195,955; Apr. 2.
Hiller, Albert W., Fort Worth, Tex. Dental controller. 2,200,621; May 14.
Hiller, Siegfried, London, England. Apparatus for the production of powders of low-melting-point metals or of compounds thereof. 2,213,365; Sept. 3.
Hiligren, Carl A., Huntington Park, Calif. Door lock. 2,219,740; Oct. 29.
Hillhouse, Charles B., assignor to S. R. Hillhouse, New York, N. Y. Producing a fixed gas. 2,206,189; July 2.
Hillhouse, Sylvia R. (See Hillhouse, Charles B., assignor.)
Hilliard, Alfred H., Hove, England. Bearing and the lubrication thereof. 2,219,625; Oct. 29.
Hilliard, John H., New York, and L. Kuhnl, Bridgeport, Conn., assignors to Magazine Repeating Razor Company, New York, N. Y. Razor. 2,221,379; Nov. 12.
Hilliard, William P., Washington, D. C., and R. R. Brunner, assignors to Bendix Radio Corporation, Chicago, Ill. Radio direction finder. 2,202,583; May 28.
Hillier, Frank H., Massapequa, N. Y. Fastening device. 2,223,957; Dec. 3.
Hillis, David R., assignor, by mesne assignments, to Reconstruction Finance Corporation, Detroit, Mich. Hydraulic operator. 2,191,888; Feb. 27.
Hillis, David R., Detroit, Mich., assignor, by mesne assignments, to Farval Corporation, Cleveland, Ohio. Lubricator. 2,208,845; July 23.
Hillix, Foster F. (See Knebusch, W. F., and Hillix.)
Hillix, Foster F., Lakewood, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Thread collecting device. 2,204,593; June 18.
Hillix, Foster F., Lakewood, Ohio, assignor to The American Steel and Wire Company of New Jersey. Traversing mechanism. 2,221,349; Nov. 12.
Hillman, Albert G., Maidenhead, England. Production of cinematographic effects in color and means therefor. 2,199,203; Apr. 30.
Hillman, Albert G., Maidenhead, England. Camera for photography or cinematography in colors. 2,214,022; Sept. 10.

Hillman, Eric S., Berkeley, and V. Lantz, Oakland, assignors to Shell Development Company, San Francisco, Calif. Separating high molecular mixtures. 2,188,045; Jan. 23.
Hillman, Eric S., Berkeley, and W. A. Webb, Albany, assignors to Shell Development Company, San Francisco, Calif. Extraction process. 2,221,093; Nov. 12.
Hillmann, Julius. (See Böttger, O., and Hillmann.)
Hills, Arthur W., Flushing, assignor to General Motors Corporation, Detroit, Mich. Instrument lighting. 2,211,118; Aug. 13.
Hills Bros. Coffee, Inc. (See Hills, Leslie W., assignor.)
Hills, George S. (See Ide, K., and Hills.)
Hills, John L., Keston Park, assignor to The Fairey Aviation Company Limited, Hayes, England. Carrier frequency system. 2,209,272; July 23.
Hills, John L., Petts Wood, assignor to The Fairey Aviation Company Limited, Hayes, England. Carrier frequency system. 2,209,273; July 23.
Hills, Leslie W., San Francisco, Calif., assignor to Hills Bros Coffee, Inc. Valve structure. 2,192,441; Mar. 5.
Hills, Lloyd E., Tarkio, Mo. Safety device for generators. 2,193,172; Mar. 12.
Hills, Robert C., and M. M. Barnett, Port Sulphur, La. Plastic and producing same. 2,195,248; Mar. 26.
Hills, Walter R., Belmont, assignor to Masury-Young Company, Charlestown, Mass. Holder for mops and the like. 2,218,792; Oct. 22.
Hillson, Jacob, Brookline, assignor to Harvard Specialty Mfg. Corp., Cambridge, Mass. Table-tennis net-supporting device. 2,206,955; July 9.
Hillyard Chemical Company. (See Fallon, Henry A., assignor.)
Hilmer, Milton, Center Valley, and G. Signarovitz, Allentown, Pa., assignors to Sarco Company, Inc., New York, N. Y. Fluid control device. 2,227,258; Dec. 31.
Him, Chua Tiong, Manila, P. I. Manufacturing vermicelli. 2,205,834; June 25.
Himes, David N., assignor of forty per cent to T. Wortham, Hugo, Okla. Nut cracker. 2,204,040; June 11.
Himmel Brothers Company, The. (See Himmel, Fred and I., assignors.)
Himmel, Fred and I., New Haven, assignors to The Himmel Brothers Company, Hamden, Conn. Store front construction. 2,220,569; Nov. 5.
Himmel, Isidore. (See Himmel, Fred and I.)
Himmer, Vitalis. (See Settel, E. H., and Himmer.)
Himmer, Vitalis, Mountain Lakes, N. J. Container. 2,215,268; Sept. 17.
Himmler, Joseph, Allentown, Pa. Shoe cleaner for automobiles. 2,193,319; Mar. 12.
Hinchcliffe, Theodore D. (See Roth, T. H., and Hinchcliffe.)
Hinchman, William H. D., assignor to The Zonolite Company of Montana, Detroit, Mich. Vermiculite processing machine. 2,203,821; June 11.
Hinck, Alfred J., Jr. (See Du Mont, A. B., and Hinck.)
Hinckley, Dana B., Brookline, Mass. Bowling alley. 2,200,551; May 14.
Hinckley, Frank B., Jr., Dallas, Tex. Combined cleaner and drier for cotton. 2,202,151; May 28.
Hinckley, Frank B., Jr., Dallas, Tex. Cotton cleaner and feeder. 2,213,314; Sept. 3.
Hinckley-Myers Company. (See Graham, G. M., and Price, assignors.)
Hinckley-Myers Company. (See MacMillan, Charles W., assignor.)
Hinckley, Robert L. (See Allen, E. N., and Hinckley.)
Hinckley, William T., Chicago, assignor to Whiting Corporation, Harvey, Ill. Multiple effect evaporator and the like. 2,187,030; Jan. 16.
Hinckley, William T., Chicago, assignor to Whiting Corporation, Harvey, Ill. Multiple effect evaporator and the like. 2,193,483; Mar. 12.
Hinde & Dauch Paper Company, The. (See Chambliss, F. G., and Schott, assignors.)
Hinde & Dauch Paper Company, The. (See Euller, Richard B., assignor.)
Hinde & Dauch Paper Company, The. (See Gagen, Thomas H., assignor.)
Hinde & Dauch Paper Company, The. (See Wagner, Henry D., assignor.)
Hinderer, Heinrich, Berlin Zehlendorf, assignor to the firm Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. Optionally altering the afterglow period of phosphorescent screens. 2,185,439; Jan. 2.
Hinderer, Heinrich, Zehlendorf, assignor to the firm of Fernseh Aktien-Gesellschaft, near Berlin, Germany. Making fluorescent screen material for cathode ray tubes. 2,218,750; Oct. 22.
Hinderliter, Frank J., Tulsa, Okla. Upset pipe joint. 2,216,945; Oct. 8.
Hindes, Howard W., assignor to The Washburn Company, Worcester, Mass. Bearing and frame construction for hand-operated beaters. 2,210,810; Aug. 6.
Hinds, George A. (See McConnell, F. W., and Hinds.)
Hine, Alfred E., Sedalia, assignor to E. W. Bacharach, Kansas City, Mo. Apparatus for washing and flushing filtering or similar materials. 2,194,071; Mar. 19.
Hine, Charles W. (See Mayonnade, H., and Hine.)
Hinegardner, Wilbie S. (See Reichert, J. S., and Hinegardner.)
Hineline, Edson S., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Camera mechanism with correlated range and view finder and focusing projector. 2,192,740; Mar. 5.
Hineline, Edson S., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Focal plane shutter of variable aperture type. 2,195,330; Mar. 26.
Hineline, Edson S., assignor to Folmer Graflex Corporation, Rochester, N. Y. Camera traversing apparatus for photographing nearby large object surfaces. 2,203,783; June 11.
Hineline, Edson S., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Mechanism for photographically recording voting machine indications. 2,203,906; June 11.
Hineline, Edson S., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Range finder. 2,215,370; Sept. 17.
Hineline, Harris D., Mount Vernon, N. Y. Amplifier system. 2,189,582; Feb. 6.
Hinerfeld, Irving, New York, N. Y. Flock cutting machine. 2,225,781; Dec. 24.
Hines, Albert R., Columbus, Ga. Safety hook. 2,219,228; Oct. 22.
Hines, Clarence F., Mount Airy, N. C. Compressor brake for trailers. 2,185,667; Jan. 2.
Hines, Clarence W., assignor to Chicago Bridge & Iron Company, Chicago, Ill. Welding apparatus (hinged). 2,216,739; Oct. 8.
Hines, Claude M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Motor control system. 2,186,785; Jan. 9.
Hines, Claude M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Motor control system. 2,203,907; June 11.
Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake and sanding control means. 2,208,738; July 23.
Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake and sanding control means. 2,208,739; July 23.
Hines, Claude M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,215,820; Sept. 24.
Hines, Claude M., Pittsburgh, and B. E. O'Hagan, Swissvale, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,199,952; May 7.
Hines, Emery, Bloomfield, N. J. Game apparatus. 2,224,962; Dec. 17.
Hines, Hazel K. (See Hines, James F., assignor.)
Hines, James F., assignor to H. K. Hines, Lakewood, Ohio. Foundry flask. 2,223,563; Dec. 3.
Hines, James F., assignor to H. K. Hines, Lakewood, Ohio. Flask. 2,224,961; Dec. 17.
Hines, James F., assignor to H. K. Hines, Lakewood, Ohio. Mold jacket. 2,226,058; Dec. 24.
Hines, John, Astoria, Long Island, and L. Segal, New York, N. Y., assignors to C. M. Palmer, Washington, D. C. Hand grenade. 2,203,640; June 4.
Hines, Joseph E., Kensington, Md. Recipe and menu cabinet. 2,203,053; June 4.
Hines, Pierre R., Portland, Oreg. Deinking of printed paper. 2,200,622; May 14.
Hines, Wentworth S., Burlington, N. C. Garment identification. 2,205,724; June 25.
Hines, Willis B., Canton, Ohio. Portable folding seat. 2,220,865; Nov. 5.
Hingle, Herbert A., Portsmouth, Va. Cylinder polisher. 2,212,159; Aug. 20.
Hingston, Philip, Goldendale, assignor to Griplock Pacific Co. Inc., Seattle, Wash. Corrugated fastener driving machine. 2,224,599; Dec. 10.
Hinkamp, Joseph A., and H. R. Brasel, assignors to General Bandages, Inc., Chicago, Ill. Gauze bandage. 2,190,378; Feb. 13.
Hinkel, Gustav A., assignor to B. K. Elliott Company. Pittsburgh, Pa. Light sensitive paper and sensitizing composition therefor. 2,188,900; Feb. 6.
Hinkelmann, Rudolf, Berlin-Tempelhof, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Arrangement for feeding radio transmitters and the like. 2,210,667; Aug. 6.
Hinkley, Robert F., Sr., Pasadena, Calif. Bowling ball grip gauge. 2,207,403; July 9.
Hinkley, Robert F., Sr., Pasadena, Calif. Bowling ball grip gauge. 2,207,404; July 9.
Hinman, George L., assignor to The Greist Manufacturing Company, New Haven, Conn. Buttonhole attachment for sewing machines. 2,207,293; July 9.
Hinnüber, Josef, Essen, Germany, assignor to General Electric Company. Weld rod. 2,204,412; June 11.
Hinr, John D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Mounting for signs. 2,213,393; Sept. 3.
Hinrichs, Ferdinand, assignor to Tri-Clover Machine Company, Kenosha, Wis. Pipe joint. 2,200,500; May 14.
Hinrichs, Ferdinand, and G. N. Sery, assignors to Tri-Clover Machine Company, Kenosha, Wis. Sanitary valve. 2,204,856; June 18.
Hinsch, Albert O., Seattle, Wash., assignor of one-third to O. W. Reinsdorff and one-third to W. L. Grill. Apparatus for gasifying liquid fuel. 2,219,522; Oct. 29.
Hinsch, Walter H., assignor to Dearborn Chemical Company, Chicago, Ill. Flow switch. 2,203,331; June 4.

Hinsch, Walter H., assignor to Dearborn Chemical Company, Chicago, Ill. Floating orifice for fluid treatment apparatus. 2,207,378; July 9.
Hinsch, Wilhelm, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Cathode ray tube. 2,227,087; Dec. 31.
Hinsdale, Clare L., Warren, assignor, by mesne assignments, to Mullins Manufacturing Corporation, Salem, Ohio. Forming bulged receptacles. 2,198,873; Apr. 30.
Hinselmann, Wilhelm, Essen-Bredeney, and C. Tiefenthal, Velbert, Germany. Pit prop. 2,192,079; Feb. 27.
Hinsey, Robert S., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for tempering glass. 2,197,550; Apr. 16.
Hinsky, Anthony P., assignor to Pyro Products Corporation, Brooklyn, N. Y. Producing insulated wires. 2,194,941; Mar. 26.
Hintermeyer, Alfred E., assignor to The Heald Machine Company, Worcester, Mass. Cutting tool. 2,213,705; Sept. 3.
Hintgen, Theodore B., George, Iowa. Fly net. 2,215,037; Sept. 17.
Hinton, A. C., et al. (See Lucas, Earnie W., assignor.)
Hinton, John R. (See Cardinal, Gerald L., assignor.)
Hintze, Hans, Dresden, and H. Illgen, Dresden-Laubegast, assignors to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Piezoelectric pressure indicator. 2,190,713; Feb. 20.
Hintze, Rudolf, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Cold producing plant. 2,191,659; Feb. 27.
Hintzmann, Karl. (See Doser, A., Bayer, and Hintzmann.)
Hinz, Leo, Newark, N. J. Bowling game. 2,211,777; Aug. 20.
Hipel, N. O., Limited. (See Beattie, William C., assignor.)
Hipple, James L., Canton, Ill., assignor to International Harvester Company. Tractor attachment. 2,190,359; Feb. 13.
Hipple, James L., Canton, Ill., assignor to International Harvester Company. Planter attachment for tractors. 2,217,866; Oct. 15.
Hipple, James L., Canton, Ill., assignor to International Harvester Company. Tractor attachment. 2,221,769; Nov. 19.
Hirabayashi, Hirobumi, Tokyo, Japan. Automatic stop for automobiles. 2,207,666; July 9.
Hirak, Joseph, Oakburn, Manitoba, Canada. Rotary weed hoer. 2,197,305; Apr. 16.
Hirata, Moriso. (See Shimizu, T., and Hirata.)
Hirleman, Clark W., Minneapolis, Minn. Incubator. 2,219,185; Oct. 22.
Hirn, Charles M., Cincinnati, Ohio, assignor to The Mosler Lock Company, Covington, Ky. Nonlockout combination time delay lock. 2,191,694; Feb. 27.
Hirose, Mitsuo, and H. Kamogawa, Kawasaki, Japan, assignors to General Electric Company. Vitreous material. 2,220,765; Nov. 5.
Hirose, Mitsutoshi. (See Kikichi, H., and Hirose.)
Hirsch, Eugen, Brooklyn, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic adhesive paste and producing same. 2,208,580; July 23.
Hirsch, George B. (See Bennet, A. F., and Hirsch.)
Hirsch, Homer C. (See Finney, John H. V., assignor.)
Hirsch, Joel H. (See de Florez, L., Herle, and Hirsch.)
Hirsch, Joel H., and E. Bach, assignors to L. de Florez, New York, N. Y. Flow measurement apparatus. 2,193,762; Mar. 12.
Hirsch, Leo H., & Co. (See Metzger, Richard, assignor.)
Hirsch, Peter, Berlin-Charlottenburg, Germany. Hydraulic brake mechanism. 2,194,657; Mar. 26.
Hirsch, Peter, New York, N. Y., assignor to Michigan Patents Corporation, Jackson, Mich. Hose and pipe coupling. 2,219,266; Oct. 22.
Hirsch, Samuel, assignor to A. Mutscheller, New York, N. Y. X-ray tube. 2,186,380; Jan. 9.
Hirsch, Stephen G., and G. M. Gaul, assignors to Ocean City Manufacturing Company, Philadelphia, Pa. Casting reel. 2,224,080; Dec. 3.
Hirsch, Walter F., Huntington Park, Calif., and F. B. Bayless, Oil City, Pa., assignors to Industrial Research Laboratories, Ltd., San Francisco, Calif. Centrifugally cast plunger and tube. 2,207,150; July 9.
Hirschberg, Alex. (See Futran, Simon, assignor.)
Hirschberger, Willy. (See Pier, M., Christmann, Eisenhut, and Hirschberger.)
Hirschey, Harold J., Castorland, and J. E. Robillard, Sackets Harbor, N. Y. Safety device for hydraulic brake systems. 2,196,919; Apr. 9.
Hirschey, Noie, Aberdeen, S. Dak. Window frame construction. 2,191,660; Feb. 27.
Hirschler, Horace L., F. A. Crooks, and F. K. R. Richter, San Francisco, assignors to T. A. Keen, San Mateo County, Calif. Totalizer system. 2,194,305; Mar. 19.
Hirschmann, Frederick J., San Leandro, Calif. Fish stringer. 2,226,402; Dec. 24.
Hirschmann, Winfred B. (See Bechtner, P., and Hirschmann.)
Hirsh, Fred, assignor to Adjusta Company, New York, N. Y. Buckle. 2,212,862; Aug. 27.
Hirsh, Leo, Los Angeles, Calif. Sash balance. 2,191,959; Feb. 27.
Hirsh, Martha H., South Orange, N. J. Box for vehicles. 2,226,434; Dec. 24.
Hirshfeld, Clarence F., Detroit, Mich., assignor to Transit Research Corporation, New York, N. Y. Brake shoe. 2,207,151; July 9.
Hirst, Fred R., Chattanooga, Tenn. Container cap 2,194,658; Mar. 26.
Hirt, Edward O., assignor to F. W. Stewart Manufacturing Company, Chicago, Ill. Mounting for automobile radio controls. 2,208,512; July 16.
Hirt, Rolf. (See Sequin, A. V., and Hirt.)
Hirt, Rudolf. (See Martin, H., and Hirt.)
Hirth, Hellmuth, assignor to Hirth-Motoren G. m. b. H., Stuttgart-Zuffenhausen, Germany. Engine cylinder mounting. 2,185,848; Jan. 2.
Hirth, Hellmuth, assignor to Hirth-Motoren G. m. b. H. Stuttgart-Zuffenhausen, Germany. Crankshaft. 2,225,451; Dec. 17.
Hirth-Motoren G. m. b. H. (See Hirth, Hellmuth, assignor.)
Hirtz, John F., and R. C. Jepertinger, assignors to Syncromatic Air Conditioning Corporation, Milwaukee, Wis. Hydrocarbon burner. 2,220,603; Nov. 5.
Hiscock, John T., Chicago, Ill. Tool-holding means. 2,205,955; June 25.
Hiscock, William J., Olcott, assignor to Norton Laboratories, Lockport, N. Y. Box and hinge combined. 2,208,158; July 16.
Hiser, Ernest F., Oklahoma City, Okla. Educational device. 2,189,902; Feb. 13.
Hi-Speed Tire and Accessory Company. (See Schnebelen, Paul A., assignor.)
Histra Corporation. (See Strassenburg, Eric, assignor.)
Hitchcock, Forest B. (See Dicke, O. H., and Hitchcock.)
Hitchcock, Forest B. (See Phinney, R. M., and Hitchcock.)
Hitchcock, Forest B. (See Preston, N. D., and Hitchcock.)
Hitchcock, Forrest L. (See Spickelmier, E., Bruenger, and Hitchcock.)
Hitchcock, Harold W., Apponaug, assignor to Universal Winding Company, Cranston, R. I. Tension device. 2,207,863; July 16.
Hitchcock, Harold W., Apponaug, R. I., assignor to Universal Winding Company, Boston, Mass. Thread-waxing device. 2,222,228; Nov. 19.
Hitchcock, Lauren B., and R. E. Divine, Niagara Falls, assignors to Hooker Electrochemical Company, New York, N. Y. Stabilizing soaps. 2,202,103; May 28.
Hitchcock, William J., New York, N. Y. Seal for evacuated devices. 2,188,298; Jan. 30.
Hite, Charles E., Philadelphia, assignor to L. J. Musser, Newtown, Pa. Centrifugal chuck. 2,207,621; July 9.
Hite, Guy L., Kearney, Nebr. Deglazing machine for leather shoes. 2,223,254; Nov. 26.
Hitner, Frank M., Detroit, Mich. Wax paper folding machine. 2,204,274; June 11.
Hitner, Harry F. (See Ehman, R. G., and Hitner.)
Hittle, Dalphin L. (See Hartzell, H. L., and Hittle.)
Hitz, Gifford L., Van Nuys, and A. A. Leisy, Los Angeles, Calif. Hair curler. 2,196,438; Apr. 9.
Hively, Howard D., Charleston, W. Va. Insecticide. 2,223,367; Dec. 3.
Hi-Voltage Equipment Company. (See Hart, Lester C., assignor.)
Hi-Way Service Corporation. (See Kerber, Joseph H., assignor.)
Hixon, Hiram W., Allentown, Pa. Apparatus for recovering oil from subterranean oil pockets. 2,188,737; Jan. 30.
Hixson, Arthur W., Leonia, N. J., and R. Miller, New York, N. Y., assignors to The Chemical Foundation, Incorporated. Recovery of molybdenum values. 2,202,525; May 28.
Hixson, Arthur W., Leonia, N. J., and R. Miller, New York, N. Y., assignors to The Chemical Foundation, Incorporated. Purification of phosphoric acid. 2,202,526; May 28.
Hixson, Arthur W., Leonia, N. J., and R. Miller, New York, N. Y., assignors to The Chemical Foundation, Incorporated. Solvent refining petroleum oils. 2,204,758; June 18.
Hixson, Arthur W., Leonia, N. J., and R. Miller, New York, N. Y., assignors to The Chemical Foundation, Incorporated. Recovery of vanadium from acid solutions. 2,211,119; Aug. 13.
Hixson, Arthur W., Leonia, N. J., and R. Miller, New York, N. Y., assignors to The Chemical Foundation, Incorporated. Selectively refining petroleum oils. 2,216,009; Sept. 24.
Hixson, Arthur W., Leonia, N. J., and R. Miller, New York, N. Y., assignors to The Chemical Foundation, Incorporated. Refining fatty acids. 2,219,652; Oct. 29.
Hixson, Arthur W., Leonia, N. J., and R. Miller, New York, N. Y., assignors to The Chemical Foundation, Incorporated. Solvent fractionation of oleoresinous gum. 2,226,129; Dec. 24.
Hjelm, George E., Charles City, Iowa, assignor to Oliver Farm Equipment Company. Hinge construction for vehicle hoods. 2,218,384; Oct. 15.
Hjelte, Marshall C., assignor to Hawaiian Pineapple Company, Limited, Honolulu, Hawaii. Fruit cutting device. 2,209,295; July 23.
Hjelte, Marshall C., and F. N. Todd, assignors to Hawaiian Pineapple Company, Limited, Honolulu, Territory of Hawaii. Fruit cutting machine. 2,203,627; June 4.

Hjerpe, Eric B., Port Arthur, Tex., and W. A. Gruse, Wilkinsburg, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Utilization of petroleum refinery gas. 2,226,467; Dec. 24.

Hlavaty, Rudolf F., Cicero, Ill. Making a sewn and cemented article. 2,189,067; Feb. 6.

Hoadley, George B., Belmont, assignor to P. A. Jerguson, West Medford, Mass. Telemetric system. 2,196,809; Apr. 9.

Hoag, Glen B., Fullerton, Calif. Chair walker. 2,205,978; June 25.

Hoag, James L., Newton, Iowa. Insect deflector for automobiles. 2,206,956; July 9.

Hoagland, Frank O., West Hartford, assignor to Niles-Bement-Pond Company, Hartford, Conn. Positioning device for machine tool tables. 2,200,884; May 14.

Hoagland, Frank O., West Hartford, assignor to Niles-Bement-Pond Company, Hartford, Conn. Drill grinder. 2,207,804; July 16.

Hoagland, Frank O., West Hartford, assignor to Niles-Bement-Pond Company, Hartford, Conn. Indexing mechanism for rifling machines. 2,207,805; July 16.

Hoagland, Reginald W., Washington, D. C., and C. M. Shepherd, Cottage City, Md., assignors to Automatic Guns, Incorporated, Washington, D. C. Cartridge feed for guns. 2,192,677; Mar. 5.

Hoagland, William W., assignor to American Auto-Felt Corporation, Grand Rapids, Mich. Mattress. 2,191,889; Feb. 27.

Hoague-Sprague Corporation. (See Knowlton, Cutler D., assignor.)

Hoak, Allan R., Fresno, Calif. Loading cars. 2,224,432; Dec. 10.

Hoak, Clarence B., Steubenville, Ohio. Annealing apparatus. 2,194,977; Mar. 26.

Hoak, Clarence B., Steubenville, Ohio. Annealing furnace structure. 2,196,167; Apr. 2.

Hoak, Clarence B., Steubenville, Ohio. Annealing furnace. 2,219,363; Oct. 29.

Hoard, Norman F., Milton, assignor to The Holtzer-Cabot Electric Company, Boston, Mass. Loudspeaking telephone system. 2,205,142; June 18.

Hoare, Robert C., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Compositions for coloring. 2,219,313; Oct. 29.

Hobart Bros. Company. (See Hobart, Edward A., assignor.)

Hobart, Edward A., assignor to The Hobart Bros. Company, Troy, Ohio. Welder. 2,197,888; Apr. 23.

Hobart, Henry M., Schenectady, N. Y., assignor to General Electric Company. High tension cable system. 2,197,639; Apr. 16.

Hobart, Henry M., Niskayuna, N. Y., assignor to General Electric Company. High pressure gas filled cable. 2,215,290; Sept. 17.

Hobart, Henry M., Niskayuna, N. Y., assignor to General Electric Company. High tension electric cable. 2,216,010; Sept. 24.

Hobart Manufacturing Company, The. (See Johnston, Herbert L., assignor.)

Hobart Manufacturing Company, The. (See Meeker, David A., assignor.)

Hobart Manufacturing Company, The. (See Meeker, D. A., and Houser, assignors.)

Hobart Manufacturing Company, The. (See Meeker, D. A., and Slager, assignors.)

Hobart Manufacturing Company, The. (See Rataiczak, T. F., and Fox, assignors.)

Hobble, Albert C., Moorestown, assignor to International Pulverizing Corporation, Camden, N. J. Centrifugal fluid jet pulverizer. 2,191,095; Feb. 20.

Hobbs, Clarence A. (See Bond, E. R., and Hobbs.)

Hobbs, Frank D. (See Shaffer, D. U., Hobbs, and Hamm.)

Hobbs, James C., Painesville, Ohio. Pulverizer. 2,214,832; Sept. 17.

Hobbs, John W., assignor to John W. Hobbs Corporation, Springfield, Ill. Automobile engine life. 2,206,094; July 2.

Hobbs, John W., Corporation. (See Hobbs, John W., assignor.)

Hobert, Leroy F., assignor to The Universal Clay Products Co., Sandusky, Ohio. Removable bushing. 2,188,596; Jan. 30.

Hoblick, Benjamin M., Fresno, Calif. Protective cover. 2,216,367; Oct. 1.

Hobrock, Raymond H., Grosse Pointe, assignor to Bundy Tubing Company, Detroit, Mich. Tube structure. 2,224,346; Dec. 10.

Hobson, Clifton H., Palmer, and C. Giroux, Three Rivers, Mass. Safety signaling means. 2,199,996; May 7.

Hobson, Leata M., Los Angeles, Calif., assignor to H. L. Judd Company, Inc., New York, N. Y. Drapery hook. 2,226,099; Dec. 24.

Hobson, Roy C., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,190,643; Feb. 20.

Hobson, Roy C., Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,211,462; Aug. 13.

Hobson, Roy C., Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,211,463; Aug. 13.

Hobson, Roy C., Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Cushioning mechanism. 2,216,473; Oct. 1.

Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Combination lighter and burner support for gas stoves. 2,189,796; Feb. 13.

Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Lift cover for cooking tops. 2,212,022; Aug. 20.

Hobson, Stanley H., assignor to Geo. D. Roper, Rockford, Ill. Slidable rack for ovens and the like. 2,225,991; Dec. 24.

Hoch, John, Corona, Long Island, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Safety device for molding machines. 2,211,621; Aug. 13.

Hoch, Walter A., Forest Hills, assignor to New York Pressing Iron Co. Inc., New York, N. Y. Attachment to ironing machines. 2,196,810; Apr. 9.

Hoch, Winton C., Los Angeles, Calif., assignor to Technicolor Motion Picture Corporation, Boston, Mass. View finder system. 2,219,314; Oct. 29.

Hochberg, Theodore, New York, N. Y. Combination spear and ball game. 2,211,330; Aug. 13.

Hocher, Andrew A., Etna, Pa., assignor to Hubbard and Company. Fastening or anchoring means for insulator supporting pins. 2,207,008; July 9.

Hocher, Andrew A., Etna, Pa., assignor to Hubbard and Company. Fastening or anchoring means for insulator supporting pins. 2,207,009; July 9.

Hochman, Julius C., New York, N. Y. Typewriter ribbon device. 2,226,863; Dec. 31.

Hochstetter, Paul E., Toledo, Ohio. Transmission drive. 2,219,812; Oct. 29.

Hochstetter, Paul E., assignor to American Bosch Corporation, Springfield, Mass. Generator regulator. 2,218,109; Oct. 15.

Hochwalt, Carroll A. (See Ault, W. C., and Hochwalt.)

Hochwalt, Carroll A., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Lap grinding compound. 2,193,965; Mar. 19.

Hock, Alvina L., Buffalo, N. Y. Bathing cap. 2,192,080; Feb. 27.

Hockensmith, Wilbur D., Jr., Irwin, Pa. Mine car wheel. 2,188,786; Jan. 30.

Höckenström, Albert, Lidingo, Sweden. Fluid fuel burning stove. 2,217,750; Oct. 15.

Hockenyos, George L., Springfield, Ill., assignor to Monsanto Chemical Company, St. Louis, Mo. Addition compounds of cyclohexylamines and monocyclic phenols. 2,189,420; Feb. 6.

Hockenyos, George L., Springfield, Ill., assignor to Monsanto Chemical Company, St. Louis, Mo. Insecticidal composition and preparing the same. 2,197,500; Apr. 16.

Hockenyos, George L., Springfield, Ill., assignor to Monsanto Chemical Company, St. Louis, Mo. Insecticidal composition. 2,222,968; Nov. 26.

Hocker, Lon, Jr., St. Louis, Mo. Rotary internal combustion engine. 2,214,833; Sept. 17.

Hodaly, Emerick, Detroit, Mich. Baby carriage. 2,191,760; Feb. 27.

Hodge, Arthur O. A., Hermosa Beach, Calif., assignor to The National Supply Company, Pittsburgh, Pa. Rotary pump. 2,221,189; Nov. 12.

Hodge, Carroll, Radnor, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Electric storage battery. 2,212,368; Aug. 20.

Hodge, Clarence, et al. (See Allen, Charles L., assignor.)

Hodge, Edward B. (See Hass, H. B., and Hodge.)

Hodge, Edward B. (See Martin J., and Hodge.)

Hodge, Edward B., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Cyclic process for the production of nitroparaffins. Re. 21,658; Dec. 10.

Hodge, Hugh B., Jr. (See Hooft, L. V., and Hodge.)

Hodge, James C. (See Trainer, J. E., and Hodge.)

Hodge, James H., et al. (See Allen, Charles L., assignor.)

Hodges, Squire C., San Francisco, Calif., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Filtering alcoholic beverages, food products, and like liquids. 2,210,719; Aug. 6.

Hodges, Vera C., Los Angeles, Calif. Gear reduction. 2,222,814; Nov. 26.

Hodges, Vera C., Los Angeles, Calif. Clutch. 2,226,227; Dec. 24.

Hodges, Vera C., assignor to Electrical Development Co. Inc., Los Angeles, Calif. Transmission mechanism for starting motors. 2,226,864; Dec. 31.

Hodgins, Theodore S. (See Hovey, A. G., and Hodgins.)

Hodgins, Theodore S., Royal Oak, assignor to Reichhold Chemicals, Inc., formerly Beak, Koller & Company, Inc., Detroit, Mich. Improving drying properties of oils. 2,196,796; Apr. 9.

Hodgins, Theodore S., Royal Oak, and A. G. Hovey, Pleasant Ridge, assignors to Reichhold Chemicals, Inc., formerly Beck, Koller & Company, Inc., Detroit, Mich. Dimethylol urea acetal condensation product and producing the same. 2,187,081; Jan. 16.

Hodgins, Theodore S., Royal Oak, and A. G. Hovey, Pleasant Ridge, assignors to Reichhold Chemicals, Inc., Formerly Beck, Koller & Company, Inc., Detroit, Mich. Aminohydroxy compounds and derivatives and process of making the same. 2,215,038; Sept. 17.

Hodgins, Theodore S., Royal Oak, and A. G. Hovey, Pleasant Ridge, assignors to Reichhold Chemicals, Inc., formerly Beck, Koller & Company, Inc., Detroit, Mich. Producing urea-formaldehyde-butanol reaction products. 2,222,506; Nov. 19.
Hodgins, Theodore S., Royal Oak, and A. G. Hovey, Birmingham, assignors to Reichhold Chemicals, Inc., formerly Beck, Koller & Company, Inc., Detroit, Mich. Preparation of solid etherified urea-formaldehyde condensation products. 2,226,518; Dec. 24.
Hodgins, Theodore S., Royal Oak, and A. G. Hovey, Birmingham, assignors to Reichhold Chemicals, Inc., Detroit, Mich. Making urea-formaldehyde resin. 2,227,223; Dec. 31.
Hodgins, Theodore S., Detroit, and A. G. Hovey, Pleasant Ridge, assignors, by mesne assignments, to Reichhold Chemicals, Inc., Detroit, Mich. Preparation of urea-formaldehyde resin. 2,221,708; Nov. 12.
Hodgkin, Willard E., Spokane, Wash. Coupling device. 2,210,292; Aug. 6.
Hodgkins, Albert A., Lynn, Mass., assignor to Bendix Products Corporation, South Bend, Ind. Clutch control mechanism. 2,197,470; Apr. 16.
Hodgman, Frederick S., Glen Rock, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic steering for ships and other craft. 2.221,311; Nov. 12.
Hodgson, R. C. (See Jones, Frank A., assignor.)
Hodil, Ralph W. (See Redmond, J. C., and Hodil.)
Hodnett, Lisle. (See Lathe, F. E., Pitt, and Hodnett.)
Hodnette, John K., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Meter circuit protective means. 2,199,630; May 7.
Hodnette, John K., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective device for electrical apparatus and systems. 2,223,726; Dec. 3.
Hodsdon, Floyd G., Milwaukee, Wis., assignor to International Harvester Company. Milker claw. 2,204,677; June 18.
Hodsdon, Floyd G., Milwaukee, Wis., assignor to International Harvester Company. Pulsator for milking machines. 2,211,012; Aug. 13.
Hodson, Frank, New York, N. Y. Forming composite metal bearings. 2,187,348; Jan. 16.
Hoe, Harold M., assignor to Gulf Oil Corporation, Pittsburgh, Pa. Apparatus for depositing foam on liquid surfaces. 2,203,301; June 4.
Hoe, R., & Co. (See Freeman, Raymond A., assignor.)
Hoe, R., & Co. (See Freeman, Stanley C., assignor.)
Hoe, R., & Co. (See Higgins, G. H., and Edwards, assignors.)
Hoe, R., & Co. (See Horton, Albert J., assignor.)
Hoe, R., & Co. (See Huck, William F., assignor.)
Hoe, R., & Co. (See Keller, George M., assignor.)
Hoe, R., & Co. (See Keller, G. M., and Zuckerman, assignors.)
Hoe, R., & Co. (See Lamatsch, Frederick, assignor.)
Hoe, R., & Co. (See Pangerl, Joseph, assignor.)
Hoe, R., & Co. Inc. (See Quick, C. G., and Fowles, assignors.)
Hoe, R., & Co. Inc. (See Quick, C. G., Skinner, and Evans, assignors.)
Hoe, R., & Co. Inc. (See Quick, C. G., and Whitehead, assignors.)
Hoe, R., & Co. (See Lewis, William, assignor.)
Hoe, R., & Co. (See Schwarz, Otto, assignor.)
Hoe, R., & Co. (See Wieking, W. C., and Baumgartner, assignors.)
Hoe, R., & Co. (See Zuckerman, Adolph M., assignor.)
Hoecker, Albert C., St. Louis, Mo. Combined jack and bumper for automobiles. 2,213,840; Sept. 3.
Hoecker, Frank E. (See Asher, Graham, assignor.)
Hoeffelman, Johan M. (See van Peski, A. J., and Hoeffelman.)
Hoeffelman, Johan M., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Production of surface-active sulphonates. 2,208,581; July 23.
Hoefler, Herbert G., assignor to The Andrew B. Hendryx Company, New Haven, Conn. Bird cage. 2,190,119; Feb. 13.
Hoeglund, Cedric. (See Ziegler, P. F., and Hoeglund.)
Hoelscher, Friederich. (See Reppe, W., Hoelscher, Menger, and Bock.)
Hoelscher, Edward H., and R. S. Tour, Cincinnati, Ohio, assignors to Chemical Products Corporation. Drying glue. 2,198,617; Apr. 30.
Hoeltje, Walter, Elmhurst, Ill. Water or aquatic game, and the like, and apparatus therefor. 2,207,864; July 16.
Hoeltzel, John J. (See Collings, W. R., and Hoeltzel.)
Hoenecke, Walter J., Milwaukee, Wis. Hydraulic excavating bucket. 2,212,236; Aug. 20.
Hoenigsberg, Robert J., Brooklyn, N. Y. Device for the support of articles. 2,222,665; Nov. 26.
Hoeninghausen, Leverette, Jackson Heights, N. Y. Rear vision mirror. 2,221,449; Nov. 12.
Hoenke, Arnold O. (See Gunn, F. M., Johnson, and Hoenke.)
Hoepli & Co. (See Smeby, Adolph H., assignor.)
Hoeppner, Hellmuth, assignor to Maschinenfabrik Einsiedel, Einsiedel, near Chemnitz, Germany. Knitting machine. 2,186,197; Jan. 9.
Hoeppner, Hellmuth, Einsiedel, near Chemnitz, Germany, assignor to Robert Reiner, Incorporated. Knitting machine. 2,213,005; Aug. 27.
Hoerbiger & Co. (See Kehler, Karl, assignor.)
Hoeruegel, Ada A., Bellingham, Wash. Bottle holder. 2,195,988; Apr. 2.
Hoesel, Anthony F., assignor to Peerless of America, Inc., Chicago, Ill. Refrigerating system. 2,195,924; Apr. 2.
Hoesel, Anthony F., assignor to Peerless of America, Inc., Chicago, Ill. Flow restrictor for refrigerant feed valves. 2,195,925; Apr. 2.
Hoesel, Anthony F., assignor to Peerless of America, Incorporated, Chicago, Ill. Thermostatically controlled expansion valve. 2,201,728; May 21.
Hoesel, Anthony F., assignor to Thermek Corporation, Chicago, Ill. Machine for raising metal spines. 2,219,315; Oct. 29.
Hoesel, Anthony F., assignor to Thermek Corporation, Chicago, Ill. Producing spines on elements. 2,220,050; Oct. 29.
Hoess, Frank L., Hammond, Ind. Flashing. 2,225,992; Dec. 24.
Hofe, George D., South Orange, N. J. Alarm clock time-setting mechanism. 2,192,377; Mar. 5.
Hofele, George, assignor to A. Wehmeier, St. Louis, Mo. Removing carbon and other deposits from internal combustion engines. 2,201,773; May 21.
Hofele, George, assignor to A. Wehmeier, St. Louis, Mo. Apparatus for removing carbon and other deposits from internal combustion engines. 2,201,774; May 21.
Hofer, David L., Albany, Calif. Suction dredge pump control system. 2,224,295; Dec. 10.
Hofer, Rudolf, and R. Gürtler, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulation. 2,219,449; Oct. 29.
Hoferer, Daniel W., Long Beach, Calif. Deep well pump. 2,206,461; July 2.
Hoff, Eward J., Company, The. (See Balthasar, Harry G., assignor.)
Hoff, Edward J., Company, The. (See Watts, Harry W., assignor.)
Hoff, Jens A., Astoria, Oreg. Paintbrush hanger and rest. 2,226,059; Dec. 24.
Hoffar, Henry S., Vancouver, British Columbia, Canada. Diamond drill. 2,192,909; Mar. 12.
Hoffberg, Louis, et al. (See Kessel, J. B., and Lessing, assignors.)
Hoffberger, Jacob H., assignor to Merchants Terminal Corporation, Baltimore, Md. Temperature regulator for refrigerators. 2,216,077; Sept. 24.
Hoffberger, Jacob H., assignor to Merchants Terminal Corporation, Baltimore, Md. Refrigerator and temperature regulation therein. 2,216,078; Sept. 24.
Hoffberger, Saul C., assignor to The Bohn Refrigerator Company, Baltimore, Md. Temperature regulation for refrigerators. 2,216,079; Sept. 24.
Hoffer, John V., Danbury, assignor to Outpost Nurseries, Inc., Ridgefield, Conn. Transplanting trees. 2,192,771; Mar. 5.
Hoffer, Leopold, Cincinnati, Ohio. Watchcase construction. 2,205,407; June 25.
Hoffer, Max, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. 2-methyl-4-amino-5-thioformylaminomethylpyrimidine and manufacture of amides of thioformic acid. 2,220,243; Nov. 5.
Hoffer, Solomon, and S. Nosowitz, Brooklyn, N. Y. Window ventilator. 2,201,830; May 21.
Hoffert, Roy G., Racine, Wis. Stapling machine. 2,194,225; Mar. 19.
Hoffert, Roy G., Racine, Wis. Wire feed mechanism. 2,199,241; Apr. 30.
Hoffert, Roy G., Racine, Wis. Wire stitching machine. 2,220 333; Nov. 5.
Hoffman, A. H., Inc. (See Farmer, John A., assignor.)
Hoffman, Allan C., Milldale, assignor to Scovill Manufacturing Company, Waterbury, Conn. Nasal inhaler. 2,191,015; Feb. 20.
Hoffman, Allan C., Milldale, assignor to Scovill Manufacturing Company, Waterbury, Conn. Nasal inhaler. 2,191,016; Feb. 20.
Hoffman, Allan C., Milldale, assignor to Scovill Manufacturing Company, Waterbury, Conn. Bag supporting device. 2,213,929; Sept. 3.
Hoffman, Allan C., Milldale, assignor to Scovill Manufacturing Company, Waterbury, Conn. Supporting device for water bags. 2,213,930; Sept. 3.
Hoffman, Allan C., Milldale, assignor to Scovill Manufacturing Company, Waterbury, Conn. Interlocking sleeve coupling. 2,216,839; Oct. 8.
Hoffman, Allan C., assignor to Scovill Manufacturing Company, Waterbury, Conn. Double reflector flashlight. 2,218,678; Oct. 22.
Hoffman Beverage Company. (See Waldron, George E., assignor.)
Hoffman, Charles, Scarsdale, G. Dalby, New York, and T. R. Schweitzer, South Ozone Park, assignors to Ward Baking Company, New York, N. Y. Inhibition of mold. 2,190,714; Feb. 20.
Hoffman, Charles, Scarsdale, G. Dalby, New York, and T. R. Schweitzer, South Ozone Park, assignors to Ward Baking Company, New York, N. Y. Therapeutic agent. 2,217,905; Oct. 15.
Hoffman, Cyrus F., assignor to C. V. Hill & Company, Incorporated, Trenton, N. J. Refrigerated display case. 2,198,436; Apr. 23.

Hoffman, Earl E., Arlington, Va., assignor to National Paint, Varnish & Lacquer Association, Inc., Washington, D. C. Gauge for blending paints, lacquers, etc. 2,213,026; Aug. 27.
Hoffman, Earl E., assignor to Armstrong Cork Company, Lancaster, Pa. Closure. 2,224,296; Dec. 10.
Hoffman, Edward L., San Antonio, Tex. Aerial towed target. 2,216,776; Oct. 8.
Hoffman, Edward L., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Preventing corrosion in pipe lines. 2,195,989; Apr. 2.
Hoffman, Everett J. (See Ralston, A. W., and Hoffman.)
Hoffman, Fred D., Cleveland, Ohio. Damper device. 2,200,248; May 14.
Hoffman, Herbert O., assignor to The Faultless Rubber Company, Ashland, Ohio. Closure for containers. 2,222,771; Nov. 26.
Hoffman, Irvin J. (See Tolley, E. O. Z., and Hoffman.)
Hoffman, Joseph E., High Bridge, N. J. Electrical testing device. 2,209,119; July 23.
Hoffman Lion Mills Company. (See Osborne, Lester C., assignor.)
Hoffman, Otto, Washington County, Oreg. Adjustable cultivating implement. 2,191,741; Feb. 27.
Hoffman, Samuel, South Orange, N. J. Doll head. 2,224,680; Dec. 10.
Hoffman, Samuel K., Williamsport, Pa., assignor, by mesne assignments, to Aviation Manufacturing Corporation, Chicago, Ill. Internal combustion engine. 2,192,442; Mar. 5.
Hoffman, Samuel K., and L. S. Wiener, assignors to Aviation Manufacturing Corporation, Williamsport, Pa. Control mechanism for internal combustion engines. 2,205,651; June 25.
Hoffman, Samuel L., New York, N. Y. Hookless fastener article. 2,210,547; Aug. 6.
Hoffman Specialty Company. (See Davies, Edwin A., assignor.)
Hoffman Specialty Company. (See Simpson, William K., assignor.)
Hoffman, Victor A., Harvey, Ill. Pipe fitting. 2,205,197; June 18.
Hoffman, Walter, Hamilton, Ohio, assignor to The Western States Machine Company, New York, N. Y. Centrifugal apparatus. 2,206,401; July 2.
Hoffman, William G., Baltimore, Md. Power transmission mechanism. 2,209,120; July 23.
Hoffman, William W., Johnstown, Pa. Signaling device. 2,196,113; Apr. 2.
Hoffmann, August, and J. Zoller, Berlin, Germany, assignors to Askania-Werke A. G. Pressure responsive instrument. 2,220,651; Nov. 5.
Hoffmann, Bruno, Spandau, Germany, assignor to General Electric Company. Fluid control mechanism. 2,192,042; Feb. 27.
Hoffmann, Daniel C., Yeadon, Pa., assignor to General Electric Company. Electric control system. 2,215,325; Sept. 17.
Hoffmann, Edward J., Cincinnati, Ohio. Mailing package. 2,224,455; Dec. 10.
Hoffmann, Ferdinand, Hohen-Neuendorf/Nordbahn, and P. Marquardt, Berlin-Wilmersdorf, assignors to Byk-Guldenwerke Chemische Fabrik A.-G., Berlin, Germany. Manufacture of stable derivative of adrenaline. 2,212,831; Aug. 27.
Hoffmann, Ferdinand, Hohen-Neuendorf, near Berlin, assignor to Byk-Guldenwerke Chemische Fabrik Aktiengesellschaft, Berlin, Germany. Manufacture of water-soluble double salts of purine derivatives. 2,219,741; Oct. 29.
Hoffmann, Franz, Boston, Mass. Shoe-display stand. 2,212,602; Aug. 27.
Hoffmann, Joseph H. (See Voigtlaender, E. O., and Hoffmann.)
Hoffmann-La Roche, Inc. (See Aeschlimann, John A., assignor.)
Hoffmann-La Roche Inc. (See Blankart, André, assignor.)
Hoffmann-La Roche Inc. (See Hoffer, Max, assignor.)
Hoffmann-La Roche Inc. (See Isler, Otto, assignor.)
Hoffmann-La Roche Inc. (See Karrer, Paul, assignor.)
Hoffmann-La Roche Inc. (See Schnider, Otto, assignor.)
Hoffmann-La Roche Inc. (See Warnat, Kurt, assignor.)
Hoffmann, Ludwik, Berlin-Hermsdorf, assignor to Gustav Schwarz Kommanditgesellschaft, Berlin-Waidmannslust, Germany. Propeller for aircraft. 2,207,200; July 9.
Hoffmann, Otto. (See Lange, H., and Hoffmann.)
Hoffmann, Otto, and H. Lange, Dessau In Anhalt, Germany, assignors to General Aniline & Film Corporation. Ortho-hydroxy azo dye. 2,218,986; Oct. 22.
Hoffmann, Otto, and W. Francke, Dortmund, Germany. Apparatus for measuring high pressures. 2,222,259; Nov. 19.
Hoffmann, Victor A., Harvey, Ill. Pipe fitting and bowl assembly. 2,213,394; Sept. 3.
Hoffmann, William H., Davenport, Iowa, assignor to French & Hecht, Incorporated. Wheel making machine. 2,208,979; July 23.
Hoffoss, John E., assignor to Reed Roller Bit Company, Houston, Tex. Core taking apparatus. 2,198,083; Apr. 23.
Hoffoss, John E., assignor to Reed Roller Bit Company, Houston, Tex. Drilling apparatus. 2,212,067; Aug. 20.
Hoffstetter, Carl H. and R. F., Erie Pa. Stove or range. 2,187,320; Jan. 16.
Hoffstetter, Robert F. (See Hoffstetter, Carl H. and R. F.)
Hofgaard, Rolf, Brate Gard, Strommen, Norway. Calculating machine. 2,191,567; Feb. 27.
Hofmann, Carl F., Siegmar-Schonau, Germany. Fixing means for traveler rings of ring spinning and ring twisting machines. 2,199,795; May 7.
Hofmann, George, assignor, by mesne assignments, to American Locker Company Inc., Boston, Mass. Coin controlled lock mechanism. 2,222,434; Nov. 19.
Hofmann, George, assignor to American Locker Company, Inc., Boston, Mass. Lock. 2,226,355; Dec. 24.
Hofmann, Karl H. (See Günthert, K. H., and Hofmann.)
Hofmann, Karl H. (See Johannson, H., and Hofmann.)
Hofmann, Rudolf. (See Hubert, E., Hofmann, and Pabst.)
Hofmeier, Hermann. (See Nowak, P., and Hofmeier.)
Hofmeier, Hermann. (See Nowak, P., Hofmeier, and Tobis.)
Hogaboom, George B. (See Hall, W. F., and Hogaboom.)
Hogan, Hugh E., Owego, N. Y. Engine. 2,225,113; Dec. 17.
Hogan, John H., New York, N. Y. Method and apparatus for handling exposed film sheet in photoengraving work. 2,193,457; Mar. 12.
Hogan, John V. L., Forest Hills, assignor to Radio Inventions, Inc., New York, N. Y. Cathode ray system. 2,212,640; Aug. 27.
Hogan, John V. L., Forest Hills, and H. C. Ressler, Richmond, assignors to Radio Inventions, Inc., New York, N. Y. Facsimile recorder. 2,202,855; June 4.
Hogan, Patrick J., New Haven, Conn. Journal bearing structure. 2,220,717; Nov. 5.
Hogan, Robert E., Bay Springs, Miss. By-pass for luminous tube systems. 2,216,974; Oct. 8.
Hogan, William F., Wildwood, N. J. Flag and flagpole holder. 2,191,075; Feb. 20.
Hogander, John E., Minneapolis, Minn. Conveyer belt. 2,201,665; May 21.
Hogarth, Donald D., Los Angeles, Calif. Indicating apparatus for fuel tanks. 2,210,293; Aug. 6.
Hoge, John Ralph. (See Soubier, L. D., and Hoge.)
Hoge, John R., and L. D. Soubier, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Method of and apparatus for curing and molding synthetic or natural resins. 2,202,797; May 28.
Hoge, Philip B., Elizabeth, N. J. Dust screen valve mechanism. 2,189,361; Feb. 6.
Hoge, Pierre W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ring-roll crusher. 2,220,153; Nov. 5.
Hogencamp, Harold C. (See Clothier, S. L., and Hogencamp.)
Hogencamp, Harold C. (See Kern, E. A., Clothier, and Hogencamp.)
Hogg, Emerson E., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Sealing machine. 2,204,594; June 18.
Hogg, Franklin S., assignor to Hogg Manufacturing Co., Inc., New York, N. Y. Pouring cap for milk bottles. 2,188,184; Jan. 23.
Hogg Manufacturing Co. (See Hogg, Franklin S., assignor.)
Hogg, William J. (See Drissner, A. E., Hogg, Barkinen, and Garey.)
Hogg, William J., assignor to The National Acme Company, Cleveland, Ohio. Lever type threading die. 2,219,316; Oct. 29.
Hoggatt, Horace S., Richmond, Ind. Closure construction for collapsible tubes. 2,220,923; May 14.
Hoglund, Oswald K., and F. W. Herbert, Santa Paula, Calif., dedicated to the free use of the People of the United States. Providing plant containers. 2,186,912; Jan. 9.
Hogue, Henry J., assignor of one-third to C. L. Wasmer and one-third to J. C. Wasmer, Lakewood, Ohio. Reel. 2,202,204; May 28.
Hogue, James E., Hot Springs, Ark., assignor to J. Lowe. Forming frozen confections. 2,204,495; June 11.
Hogue, James E., Hot Springs, Ark., assignor to J. Lowe. Confection making apparatus. 2,204,496; June 11.
Hohf, John P. (See Sherrard, E. C., Beglinger, Hohf, and Bateman.)
Hohl, George I. (See Evans, H. L., and Hohl.)
Hohl, John, Westport, Conn., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Container. 2,189,174; Feb. 6.
Hohman, Charles J., Rockaway Park, and A. Riback, assignors of twenty per cent to said Hohman, sixty per cent to B. Rieback, and twenty per cent to F. P. Eisenstein, New York, N. Y. Smoker's pipe and filter. 2,208,763; July 23.
Hohmann, Anna F., and P. F. Hohmann, Los Angeles, Calif. Electric door lock. 2,219,132; Oct. 22.
Hohmann, Philip F. (See Hohmann, Anna F., and P. F.)
Hohn, Walter J., Detroit, Mich. Game. 2,214,167; Sept. 10.
Hohner, M., Inc. (See Petersen, Herman, assignor.)
Hois, Louis J., and A. C. Sladky, assignors to Geuder, Paeschke & Frey Company, Milwaukee, Wis. Milk can cover. 2,199,953; May 7.

Hoiseth, Selmer E., Willmar, Minn. Connector yoke for flashlights. 2,189,715; Feb. 6.
Hoitsma, Peter, Paterson, N. J. Scaffold machine. 2,216,912; Oct. 8.
Hojnowski, Jakob, Nekoosa, Wis. Armored motor car or tank. 2,200,230; May 7.
Hojnowski, Jakob, Nekoosa, Wis. Airplane. 2,218,370; Oct. 15.
Hokanson, Helge, Gary, Ind. Antitheft device. 2,188,714; Jan. 30.
Hokanson, Martin, assignor to Eidco, Inc., Duluth, Minn. Refrigerator. Re. 21,646; Dec. 3.
Hokanson, Martin, assignor to Eidco, Incorporated, Duluth, Minn. Drill bit. 2,203,216; June 4.
Hokanson, Otto A., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Tone arm trip mechanism for phonographs. 2,211,423; Aug. 13.
Hokanson, Otto A., Snyder, and R. C. Jones, North Tonawanda, N. Y., assignors to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Automatic volume control for phonographs. 2,216,913; Oct. 8.
Hokanson, V. R., Benton Harbor, Mich. Automatic projector machine. 2,227,259; Dec. 31.
Hoke, Harry A., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Crosshead construction. 2,215,504; Sept. 24.
Hokerk, Lynde D., Utica, assignor to Kerk Guild, Inc., Whitesboro, N. Y. Transparent container. 2,189,955; Feb. 13.
Holbro, Theodor. (See Kern, W., Holbro, and Tobler.)
Holbrook, John K., New York, N. Y. Recording camera. 2,225,832; Dec. 24.
Holbrook, William F., Burlingame, and C. L. Jordan, Belmont, Calif. Pickup and loader apparatus. 2,208,128; July 16.
Holby, Worrell H., New Rochelle, N. Y. Fire control for steam plant operation. 2,196,700; Apr. 9.
Holcomb, Anson M., assignor to Industrial Brownhoist Corp., Bay City, Mich. Self-propelled pusher car. 2,199,460; May 7.
Holcomb, Harry E. (See Vieweg, H. F., Holcomb, Pearce, and Coss.)
Holcomb, J. I., Manufacturing Company. (See Goldrick, P. M., and Otto, assignors.)
Holcomb, Philo, Jr., Malba, assignor to The Western Union Telegraph Company, New York, N. Y. Multichannel telegraph system. 2,205,406; June 25.
Holcombe, Homer H., Birmingham, Ala., assignor to Textile Equipment, Inc. Filling feeler for looms. 2,211,778; Aug. 20.
Holdeman, Charles L., Lyons, Kans. Dispensing device. 2,215,850; Sept. 24.
Holden, Artemus F. (See Solakian, Haig, assignor.)
Holden, Bertha B., executrix. (See Holden, Richard Roy.)
Holden, Crofton C., assignor to Tilton & Cook Co., Leominster, Mass. Comb. 2,187,939; Jan. 23.
Holden, Harry, Wichita, Kans. Air current deflector. 2,224,433; Dec. 10.
Holden, John, Reddish, Stockport, England, assignor to Keuffel & Esser Company, Hoboken, N. J. Ferroprussiate photoreproduction. 2,189,264; Feb. 6.
Holden, John A., Baltimore, Md. Envelope. 2,201,538; May 21.
Holden, John W. W., Providence, R. I. End connector. 2,223,420; Dec. 3.
Holden, Orloff W., assignor to Knickerbocker Rubber Company, Chicago, Ill. Suction cup wall shower bracket. Re. 21,391; Mar. 12.
Holden, R. Roy, Inc. (See Holden, Richard R., assignor.)
Holden, R. Roy, Inc. (See Lewis, Warren J., assignor.)
Holden, Richard R., deceased; B. B. Holden, executrix, Highland Park, assignor, by mesne assignments, to R. Roy Holden, Inc., Chicago, Ill. Crossover for overhead trolley systems. 2,188,113; Jan. 23.
Holden, William C., Ossining, N. Y. Electrical prong receiving circuit closing connector. 2,207,484; July 9.
Holden, William C., Ossining, N. Y. Faceplate and rereceptacle with prong guiding means. 2,207,485; July 9.
Holden, William H. T. (See Ellwood, W. B., and Holden.)
Holden, William H. T., Long Island City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,195,309; Mar. 26.
Holden, William H. T., Long Island City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control circuit for high speed selector. 2,197,501; Apr. 16.
Holden, William H. T., Long Island City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone signaling system. 2,199,431; May 7.
Holder, Edward P., assignor to American Machine and Metals, Inc., New York, N. Y. Pressing mechanism. 2,210,033; Aug. 6.
Holdgate, John C. (See MacArthur, D. A., Holdgate, and Koelkebeck.)
Holding, Robert S., Jr. (See Robinson, E. N., Jr., and Krukau, assignors.)
Holdman, Jack C., St. Louis, Mo. Valve setting calculator. 2,215,503; Sept. 24.
Holdren, Clifford J., assignor of one-half to H. S. Brown, Charleston, W. Va. Mailbox. 2,194,226; Mar. 19.
Holek, Václav, Zabovresky, Brunn, assignor to Ceskoslovenska Zbrojovka, A. S., Brno, Brunn, Czechoslovakia. Firing mechanism for automatic firearms. 2,188,046; Jan. 23.
Holek, Václav, Zabovresky, Brunn, assignor to Československá Zbrojovka, a. s., Brno, Brunn, Czechoslovakia. Firing mechanism for automatic firearms. 2,216,412; Oct. 1.
Holek, Václav, Brunn-Zaboresky, assignor to Československá Zbrojovka, A. S., Brno, Brunn, Czechoslovakia. Automatic firearm. 2,223,004; Nov. 26.
Holgate Brothers Company. (See Overholt, Claude C., assignor.)
Holgersson, Sigbjörn P. H. E., Hammarby, Storvik, Sweden. Paper making machine. 2,198,387; Apr. 23.
Holicer, John R., Mansfield, La. Butane tank. 2,188,597; Jan. 30.
Holida, Frank S. (See Lapham, J. R., and Holida.)
Holiday, Julian, Springdale, Ky. Automatic switch. 2,201,898; May 21.
Holinger, Carl J., Chicago, Ill. Apparatus for carbonating water. 2,217,841; Oct. 15.
Holke, Eugene E., assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical connector. 2,200,448; May 14.
Hollabaugh, Cleveland B., assignor to Hercules Powder Company, Wilmington, Del. Coating composition. 2,212,603; Aug. 27.
Holladay, James A., Niagara Falls, N. Y., assignor to Kemet Laboratories Company, Inc. Thermionic device. 2,194,167; Mar. 19.
Hollaender, Max B., Berlin-Friedenau, Germany, assignor to Sifico A. G., Schaffhausen, Switzerland. Production of silverless picture and sound records by the chromate method. 2,191,017; Feb. 20.
Holland, Christian V. (See Weijlard, J., Engels, and Holland.)
Holland Company. (See Holland, Cyrus J., assignor.)
Holland, Cyrus J., Chicago, Ill., assignor to Holland Company. Nonharmonic load supporting spring unit. 2,189,208; Feb. 6.
Holland, Friedrich, Brockton, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Welted footwear. 2,187,031; Jan. 16.
Holland Furnace Company. (See Selby, Charles M., assignor.)
Holland-Letz, Ludwig, Crown Point, Ind. Automatic regulator for heating apparatus and the like. 2,206,566; July 2.
Holland-Racine Shoes, Inc. (See Andreasen, Carl C., assignor.)
Holland-Rantos Company. (See Singer, David E., assignor.)
Holland, Raymond P., Jr., Tonawanda, N. Y., assignor to Curtiss-Wright Corporation. Windshield air scoop. 2,214,723; Sept. 10.
Holland, Sidney S., Sandusky, assignor, by mesne assignments, to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Wringer. 2,190,946; Feb. 20.
Holland, Sidney S., Sandusky, assignor, by mesne assignments, to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Combination ironer and washing machine. 2,224,347. Dec. 10.
Holland, Sidney S., Sandusky, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Washing machine. 2,224,348; Dec. 10.
Holland, William T., Stockton, Calif. Pill and powder measuring bottle cap. 2,211,120; Aug. 13.
Hollander, Aladar, Los Angeles, assignor to Byron Jackson Co., Huntington Park, Calif. Pumping apparatus. 2,187,972; Jan. 23.
Hollander, Aladar, Los Angeles, assignor to Byron Jackson Co., Huntington Park, Ill. Semisubmersible motor pump. 2,196,462; Apr. 9.
Hollander, Aladar, Los Angeles, assignor to Byron Jackson Co., Huntington Park, Calif. Flow meter. 2,197,214; Apr. 16.
Hollander, Aladar, Los Angeles, assignor to Byron Jackson Co., Huntington Park, Calif. Series-parallel submersible pump. 2,204,857; June 18.
Hollander, Aladar, Los Angeles, assignor to Byron Jackson Co., Huntington Park, Calif. Series-parallel centrifugal pump. 2,207,220; July 9.
Hollander, Aladar, Los Angeles, assignor to Byron Jackson Co., Huntington Park, Calif. Strainer for submersible motor pumps. 2,210,977; Aug. 13.
Hollander, Aladar, Los Angeles, assignor to Byron Jackson Co., Huntington Park, Calif. Variable capacity pumping apparatus. 2,215,505; Sept. 24.
Hollander, Aladar, Los Angeles, assignor to Byron Jackson Co., Huntington Park, Calif. Multiple unit double casing pump. 2,216,315; Oct. 1.
Hollander, Aladar, Los Angeles, assignor to Byron Jackson Co., Huntington Park, Calif. Series submersible motor pump. 2,221,798; Nov. 19.
Hollander, Aladar, and W. F. Mayer, Los Angeles, assignors to Byron Jackson Co., Huntington Park, Calif. Pumping apparatus. 2,186,972; Jan. 16.
Hollander, Elvin E. (See Martin, J. E., and Emil E. and E. E. Hollander.)
Hollander, Elvin E., assignor to Star Equipment Corporation, Bloomfield, N. J. Liquid level control system. 2,225,498; Dec. 17.
Hollander, Emil E. (See Martin, J. E., and Emil E. and E. E. Hollander.)
Hollander, Jacob A., assignor to Western Printing Machinery Company, Chicago, Ill. Printing press. 2,217,800; Oct. 15.

Hollander, Joseph J., Chicago, Ill. Soldering iron. 2,216,530; Oct. 1.
Hollander, Joseph J., Chicago, Ill. Revolvable electrical plug. 2,225,218; Dec. 17.
Hollebone, Joseph E., Woolwich, London, England. Air cleaning or filtering device. 2,203,570; June 4.
Hollenback, George M., Los Angeles, Calif. Dental device. 2,203,089; June 4.
Hollenbeck, Ernest L., Los Angeles, Calif. Shoe buffer. 2,192,910; Mar. 12.
Hollenbeck, Ernest L., Los Angeles, Calif. Fountain brush and tube holder. 2,198,773; Apr. 30.
Holler, Anthony A., Lansing, Ohio. Ashtray. 2,196,797; Apr. 9.
Holler, Hermann, and W. Flasskamp, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Apparatus for surface hardening toothed wheels. 2,199,313; Apr. 30.
Holler, Hermann, Frankfort-on-the-Main, and O. Mues, Frankfort-on-the-Main-Schwanheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Device for acetylene generators. 2,208,867; July 23.
Holleran, Dominic J., Irvington, assignor to Hardwick, Hindle, Inc., Newark, N. J. Rheostat winding machine. 2,196,463; Apr. 9.
Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Fairing assembly. 2,226,511; Dec. 24.
Hollerith, Charles, and B. B. Cary, assignors to Hayes Industries, Inc., Jackson, Mich. Muffler. 2,193,791; Mar. 19.
Holley, Earl, et al. (See Kittler, Milton J., assignor.)
Holley, Earl, et al. (See Udale, Stanley M., assignor.)
Holley, Frank J., Ventura, Calif. Pantographic apparatus. 2,196,114; Apr. 2.
Holley, George M., et al. (See Kittler, Milton J., assignor.)
Holley, Geo. M., et al. (See Udale, Stanley M., assignor.)
Holley, Geo. M. and Earl, Engineering. (See Summers, R. H., and Colvin, assignors.)
Holliday, Herbert E., assignor to General Motors Corporation, Detroit, Mich. Sound apparatus. 2,195,651; Apr. 2.
Holliday, Theodore B., and C. S. Irvine, Dayton, Ohio. Ignition system. 2,219,317; Oct. 29.
Holliger, Franklin B. (See Playford, H. E., and Holliger.)
Hollinger, Harry C. (See Murray, E. B., and Hollinger.)
Hollingshead, Le Grande R., New Orleans, La., assignor of ten percent to Delamere, Marysville, Calif. Pneumatic tire. 2,216,368; Oct. 1.
Hollingshead, Le Grande R., Sacramento, assignor of ten percent to A. E. Lane, Yuba City, Calif. Safety device. 2,216,570; Oct. 1.
Hollingshead, R. M., Corporation. (See Bagley, Robert M., assignor.)
Hollingsworth, Maurice H., Miami Beach, Fla. Horn button operating device. 2,203,281; June 4.
Hollingsworth, Maurice H., Miami Beach, Fla. Automobile steering means. 2,207,736; July 16.
Hollister, John R., Portland, Oreg. Sawing machine. 2,208,582; July 23.
Hollister, Lawrence A., Williams Bay, Wis. Roofing and siding. 2,222,868; Nov. 26.
Hollman, Lewis J., Munhall, and W. F. Noel, Lincoln Place, Pa. Furnace door. 2,221,350; Nov. 12.
Hollman, Peter I. (See McIlvaine, J. H., and Hollman.)
Hollmann, Emil, assignor to Deutsche Werke Kiel Aktiengesellschaft, Kiel, Germany. Controlling means for aircraft catapults. 2,207,806; July 16.
Hollmann, Franz, assignor to O. H. Dräger, Lubeck, Germany. Measuring and testing instrument for oxygen breathing apparatus. 2,203,147; June 4.
Hollmann, Hans E., Berlin-Lichterfelde, Germany, assignor to Radio Patents Corp., New York, N. Y. Cathode ray device. 2,189,583; Feb. 6.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Transmitter. 2,189,584; Feb. 6.
Hollmann, Hans E., Berlin-Lichterfelde, Germany, assignor to Radio Patents Corp., New York, N. Y. Space discharge device. 2,190,069; Feb. 13.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electronic system. 2,195,455; Apr. 2.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron device. 2,195,456; Apr. 2.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Magnetron. 2,199,177; Apr. 30.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Magnetron. 2,201,666; May 21.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Confined or space resonance antenna. 2,202,380; May 28.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ultra-high frequency receiver. 2,205,475; June 25.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Short-wave resonant circuit. 2,205,852; June 25.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electronic device. 2,206,668; July 2.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Low damped oscillation circuit for ultra short waves. 2,216,011; Sept. 24.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Oscillatory circuit. 2,216,176; Oct. 1.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Directional antenna system. 2,227,088; Dec. 31.
Hollmann, Hans E., Berlin-Lichterfelde, Germany, assignor to Radio Patents Corporation, New York, N. Y. Electrocardiograph. 2,227,135; Dec. 31.
Hollmann, Hubert, and W. G. Van Voorhis, Findlay, and C. A. Crabiel, North Baltimore, assignors to The Buckeye Traction Ditcher Company, Findlay, Ohio. Motor vehicle drive. 2,215,506; Sept. 24.
Hollopeter, Raymond B., Olympia, Wash. Bait holder. 2,207,319; July 9.
Hollós, Zsigmond, Vienna, Austria. Vehicle axle suspension. 2,196,556; Apr. 9.
Holloway, Albert F., and R. L. Goodin, assignor to Olin Manufacturing Co., Oakland, Calif. Making parched corn. 2,219,777; Oct. 29.
Holloway, Dennis E. J., Westmount, Quebec, Canada. Toy submarine. 2,224,650; Dec. 10.
Holloway, Edward R., Waukesha, Wis. Transmission. 2,186,108; Jan. 9.
Holloway, Jesse F., Aldan, Pa. Brake rigging. 2,202,381; May 28.
Holloway, Robert M. (See Sieck, P. M., and Holloway.)
Holloway, William M., Oak Park, Ill., assignor to American Can Company, New York, N. Y. Apparatus for soldering and stripping can seams. 2,220,107; Nov. 5.
Hollstein, Paul, Carlstadt, N. J., assignor to J. M. Lehmann Company, Inc., New York, N. Y. Conche machine. 2,216,777; Oct. 8.
Holly, Harry H., assignor of one-half to A. J. Fihe, Chicago, Ill. Patty molding machine. 2,224,390; Dec. 10.
Holly, Robert B., Colorado Springs, Colo. Door tray. 2,207,667; July 9.
Holly Sugar Corporation. (See Cooper, Albert L., assignor.)
Holly Sugar Corporation. (See Daley, Gustave J., assignor.)
Holly Sugar Corporation. (See Daniels, Robert M., assignor.)
Hollywood Silk Mills. (See Barnes, Mabs R., assignor.)
Holm, Carl, assignor to Economic Machinery Company, Worcester, Mass. Conveying system. 2,215,702; Sept. 24.
Holm, Carl, assignor to Economic Machinery Company, Worcester, Mass. Bottle feed latch. 2,227,346; Dec. 31.
Holm, Einar, Passaic, N. J. Weighing apparatus. 2,191,529; Feb. 27.
Holm, Eric. (See Reichhelm, G. L., Holm, Kane, and Funderburk.)
Holm, Ernest S., Wollaston, Mass. Liquid filtering apparatus. 2,198,819; Apr. 30.
Holm-Hansen, Osmund, Stratford, Conn., assignor to General Electric Company. Vacuum cleaner. 2,197,641; Apr. 16.
Holm-Hansen, Osmund, Stratford, Conn., assignor to General Electric Company. Vacuum cleaner. 2,214,855; Sept. 17.
Holm-Hansen, Osmund, Stratford, and M. F. Dowell, Bridgeport, Conn., assignors to General Electric Company. Washing machine. 2,197,640; Apr. 16.
Holm, John M., Pollokshields, Glasgow, Scotland, assignor to Imperial Chemical Industries Limited. Gas producing cartridge. 2,195,965; Apr. 2.
Holm, Melvin M., and W. H. Shiffler, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Treating hydrocarbons. 2,186,021; Jan. 9.
Holm, Melvin M., and W. H. Shiffler, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Process and catalyst for treating polymerizable substances. 2,186,022; Jan. 9.
Holm, Melvin M., San Francisco, E. H. Oakley, Berkeley, and R. L. Humphreys, El Segundo, assignors to Standard Oil Company of California, San Francisco, Calif. Reaction of hydrocarbons. 2,224,102; Dec. 3.
Holm, Melvin M., A. L. Lyman, and M. F. Miller, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Synthetic hydrocarbon oils and producing same. 2,224,349; Dec. 10.
Holm, Sven J., Wellsville, N. Y., assignor to Haller Oven Company, Pittsburgh, Pa. Traveling tray oven. 2,220,718; Nov. 5.
Holman, Erwin W. (See Brown, J. T. L., and Holman.)
Holman, George E., Melrose, Mass., assignor to Hygrade Sylvania Corporation. Luminescent material. 2,226,512; Dec. 24.
Holman, Harry V., assignor to Adjustable Clamp Company, Chicago, Ill. Adjustable clamping device. 2,221,325; Nov. 12.
Holman, Harry V., assignor to Adjustable Clamp Company, Chicago, Ill. Protective device for clamp screws. 2,221,326; Nov. 12.

Holman, Herbert E., Hayes, assignor to Electric & Musical Industries, Limited, Hayes, Middlesex, England Producing flat surfaces. 2,194,551; Mar. 26.
Holmber, Rudolph A. (See Bechman, W. O., and Holmberg.)
Holmberg, Einar O., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Deep well pump. 2,220,334; Nov. 5.
Holmberg, Johan O., East Weymouth, Mass. Hydraulic keel bender indicator. 2,209,332; July 30.
Holmberg, Walter F., Duluth, Minn. Cribbage board. 2,192,311; Mar. 5.
Holmboe, Harold, Chicago, and A. B. Cosper, Crestwood, Ill. Atomizing device. 2,213,522; Sept. 3.
Holmen, Carl M., Grand Haven, Mich., assignor to The Bastian-Blessing Company, Chicago, Ill. Draw-off gate control for ice cream freezers. 2,207,884; July 16.
Holmes, Arthur S. (See Matanovich-Manov, M., and Holmes.)
Holmes, Bradford B., New York, N. Y. Infusion apparatus. 2,199,592; May 7.
Holmes, Carl H., Johnstown, and G. F. Geis, Westmont Borough, assignors to National Radiator Corporation, Johnstown, Pa. Grate shaking mechanism for fuel burning apparatus. 2,205,291; June 18.
Holmes, Clyde E., Boyne City, Mich. Container for fishing tackle and the like. 2,220,817; Nov. 5.
Holmes, Curtis, assignor to Taywal Corporation, Chattanooga, Tenn. Gun for spraying metal. 2,190,153; Feb. 13.
Holmes, Donald P., Thibodaux, La., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermostatic expansion valve. 2,220,998; Nov. 12.
Holmes, Edgar R., assignor to Holmes Induction Devices, Inc., Denver, Colo. Spark plug. 2,208,030; July 16.
Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Lifter knife for loom dobbies. 2,219,778; Oct. 29.
Holmes, Eric L., Teddington, England. Use of synthetic resins. 2,191,853; Feb. 27.
Holmes, Eric L., London, England, assignor, by mesne assignments, to The Permutit Company, New York, N. Y. Preparation of synthetic resins and use thereof. 2,198,874; Apr. 30.
Holmes, Harrison H. (See Hauff, T. W., and Holmes.)
Holmes, Harrison H., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of oil wells. 2,224,297; Dec. 10.
Holmes, Henry H. (See Kent, A. W., and Holmes.)
Holmes, Henry H., assignor to Wildt and Company Limited, Leicester, England. Circular independent latch needle knitting machine. 2,214,706; Sept. 10.
Holmes, Herbert G., Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Dynamic wheel balancing device. 2,211,779; Aug. 20.
Holmes Induction Devices, Inc. (See Holmes, Edgar R., assignor.)
Holmes, J. H., & Company Limited. (See Robertson, Alexander T., assignor.)
Holmes, Lester B., Paterson, N. J. Modulation indicator. 2,216,269; Oct. 1.
Holmes, Lynn C., Troy, assignor to York Modern Corporation, Unadilla, N. Y. Road machine. 2,222,840; Nov. 26.
Holmes, Michael J., Windsor, Ontario, Canada. Automatic mixer and dispenser of carbonated and noncarbonated drinks. 2,203,054; June 4.
Holmes, Minot K. (See Hazelton, B. F., Jr., Zimmerman, and Holmes.)
Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,202,584; May 28.
Holmes, Orval W. (See Serrick, William, assignor.)
Holmes, Oscar, Aurora, Ill. Weed destroyer. 2,209,731; July 30.
Holmes, Oscar J., Chicago, Ill. Filter and sound gate mechanism. 2,225,219; Dec. 17.
Holmes, Paul J. (See Donnelly, W. H., and Holmes.)
Holmes, Paul J., assignor of forty per cent to W. H. Donnelly, Los Angeles, Calif. Navigation method and apparatus. 2,198,113; Apr. 23.
Holmes, Ralph S. (See Flaherty, M., and Holmes.)
Holmes, Ralph S., Haddonfield, N. J., assignor to Radio Corporation of America. Television receiver. 2,204,992; June 18.
Holmes, Ralph S., Haddonfield, N. J., assignor to Radio Corporation of America. Cathode ray tube apparatus. 2,223,990; Dec. 3.
Holmes, Richard E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,188,350; Jan. 30.
Holmes, Richard E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,211,930; Aug. 20.
Holmes, W. H., et al. (See West, Maxwell A. and G. E.)
Holmes, William H., et al. (See West, Maxwell A., and G. E., assignors.)
Holmes, Willis G., Penbroke, Mass. Fire-detecting cable. 2,185,944; Jan. 2.
Holmgren, Eric A., Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe machine. 2,202,005; May 28.
Holmgren, Eric A., Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Welt butting machine. 2,206,897; July 9.
Holmlund, Gunnar, assignor to Maria (Majen) Lindgren, Goteborg, Sweden. Making envelopes without side flaps. 2,224,513; Dec. 10.
Holmquist, Oscar B., Sr., Amory, Miss. Valve packing gland. 2,204,310; June 11.
Holmström, Knut O., Lulsundet, Lulea, Sweden. Sled for snow charges. 2,210,409; Aug. 6.
Holo-Krome Screw Corporation, The. (See Purtell, William A., assignor.)
Holophane Company. (See English, Solomon, assignor.)
Holophane Company. (See Noe, Harold C., assignor.)
Holophane Company. (See Rolph, Thomas W., assignor.)
Holophane Company. (See Tuck, D. H., and Harris, assignors.)
Holpfer, Marcus A., Coraopolis, Pa. Drive transmission. 2,215,103; Sept. 17.
Holrite Laundry Pin Company. (See Reenstierna, Gustaf L., assignor.)
Holroyd, Wilfrid J., Los Angeles, Calif. Dentist's illuminating lamp and projector. 2,224,225; Dec. 10.
Holsclaw, Neil, Chicago, assignor of one-half to F. E. Sudlow, Rock Island, Ill. Razor. 2,202,633; May 28.
Holslag, Claude J., South Orange, assignor to Electric Arc Cutting & Welding Company, Newark, N. J. Current-adjusting means. 2,192,312; Mar. 5.
Holslag, Claude J., South Orange, assignor to Electric Arc Cutting & Welding Company, Newark, N. J. Voltage regulating means for alternating current arc welding. 2,197,215; Apr. 16.
Holslag, Claude J., South Orange, assignor to Electric Arc Cutting & Welding Company, Newark, N. J. Welding system. 2,211,424; Aug. 13.
Holslag, Claude J., South Orange, assignor to Electric Arc Cutting & Welding Company, Newark, N. J. Arc welding system. 2,225,052; Dec. 17.
Holst, Gilles. (See Six, W., and Holst.)
Holst, Gilles, and J. H. de Boer, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford, National Bank and Trust Company, Trustee, Hartford, Conn. Sound record. 2,209,971; Aug. 6.
Holst, Gilles, and M. Wolf, Eindhoven, Netherlands, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron device. 2,212,206; Aug. 20.
Holst, Paul F. G. (See Kirkwood, L. R., and Holst.)
Holst, Paul F. G., Oaklyn, N. J., assignor to Radio Corporation of America. Battery operated radio apparatus. 2,190,317; Feb. 13.
Holst, Paul F. G., Oaklyn, N. J., assignor to Radio Corporation of America. Vibrator circuit. 2,223,564; Dec. 3.
Holst, Paul F. G., and L. R. Kirkwood, Oaklyn, N. J., assignors to Radio Corporation of America. Band spread tuning system. 2,207,254; July 9.
Holst, Paul F. G., and L. R. Kirkwood, Oaklyn, N. J., assignors to Radio Corporation of America. Intermediate frequency amplifier. 2,223,825; Dec. 3.
Holstein, Harvey, Huntington, W. Va. Football helmet. 2,194,903; Mar. 26.
Holsten, Karl-Georg, and W. Schätzel, Berlin, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Radio goniometer. 2,221,946; Nov. 19.
Holt, Carl E., Kansas City, Mo. Apparatus for refining used lubricating oil. 2,202,657; May 28.
Holt, Chandler, Rochester, assignor to Bourjois, Inc., New York, N. Y. Irradiating creams and apparatus therefor. 2,199,796; May 7.
Holt, Charles K., Bakersfield, Calif. Well cleaner. 2,196,439; Apr. 9.
Holt, Grover J. (See Rakowsky, V., Arms, and Holt.)
Holt, Harold S. (See Alvarado, A. M., and Holt.)
Holt, Harold S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. N-substituted sulphamate. 2,188,351; Jan. 30.
Holt, Harold S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alicyclic hydroxy ethers. 2,197,105; Apr. 16.
Holt, Lee C., Edgemoor, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of aryl mercaptans and resulting composition. 2,216,840; Oct. 8.
Holter, Anker J., Brooklyn, N. Y. Gib. 2,226,770; Dec. 31.
Holter, Bernard M., Holmen, Wis. Pocket ash tray and match case. 2,206,606; July 2.
Holter, Mary C., Baltimore, Md. Dauber. 2,202,907; June 4.
Hölters, Fritz, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Electric valve circuits. 2,221,517; Nov. 12.
Holthouse, Harry B., et al. (See Bartlett, L. G., and Holthouse.)
Holthouse, Harry B., Chicago, Ill. Ignition apparatus. 2,203,784; June 11.
Holthouse, Harry B., Chicago, Ill. Ignition system and magneto therefor. 2,205,561; June 25.
Holtman, Edith, assignor to Durex Products, Incorporated, New York, N. Y. Syringe. 2,224,018; Dec. 3.
Holton, Arthur B. (See Gans, H. B., Jr., and Holton.)
Holton, Frank, & Co. (See Loar, Lloyd A., assignor.)

Holton, Homer H., Corona, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Manufacture of sodium citrate penta-hydrate. 2,193,904; Mar. 19.
Holtz, Ireneus B., Ashville, Pa. Hydraulic power transmission. 2,214,416; Sept. 10.
Holtzclaw, John B., Los Angeles, Calif. Garter grip. 2,202,291; May 28.
Holtzclaw, John B., Roselle, A. Harmsen, and H. H. Cooke, Elizabeth, N. J., assignors to Stanco, Inc. Corrosion inhibitor. 2,225,866; Dec. 24.
Holtzer-Cabot Electric Company. (See Durbin, Vernon, assignor.)
Holtzer-Cabot Electric Company, The. (See Hoard, Norman F., assignor.)
Holtzman, Allen B. (See Holtzman, Paul R. and A. B.)
Holtzman, George. (See Johnson, R. F., and Holtzman.)
Holtzman, John, New York, N. Y. Lighter. 2,208,672; July 23.
Holtzman, Paul R. and A. B., assignors to Holtzman's Inc., Myerstown, Pa. Apparatus for baking articles of dough. 2,224,634; Dec. 10.
Holtzman, William A., Peoria, Ill. Grain cleaner. 2,216,914; Oct. 8.
Holtzman's Inc. (See Holtzman, Paul R., and A. B., assignors.)
Holub, Charles J., Columbus, Ohio. Machine for forming sheet metal elbows. 2,219,993; Oct. 29.
Holveck, Joseph E., Crafton, Pa., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Nozzle. 2,225,521; Dec. 17.
Holveck, J. E., Crafton, Pa., and N. E. Brigham, Arlington, assignors to Worthington Pump & Machinery Corporation, Harrison, N. J. Automatic control for high pressure pumps. 2,227,260; Dec. 31.
Holway, A. S. (See Grantham, Frederick W., assignor.)
Holyoke Heater Co. (See Dufault, Homer D., assignor.)
Holz, Friedrich H., Salt Lake City, Utah. Hydraulic brake. 2,208,074; July 16.
Holzderber, Charles P., New York, N. Y. Kneeling stool. 2,225,696; Dec. 24.
Holzer, Hiram A., assignor to United Iron Works Company, Pittsburg, Kans. Pumping unit. 2,190,070; Feb. 13.
Holzer, Hiram A., assignor to United Iron Works Company, Pittsburg, Kans. Method of and apparatus for separating, washing, and grading lump materials. 2,196,451; Apr. 9.
Holzer, Hiram A., assignor to United Iron Works Company, Pittsburg, Kans. Pumping unit. 2,203,148; June 4.
Holzkämper, David, Cologne Ehrenfeld, Germany, assignor, by mesne assignments, to N. V. Serlox, The Hague, Netherlands. Bung bush. 2,216,667; Oct. 1.
Hölzler, Erwin, Berlin, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Four pole device with nonlinear resistors. 2,212,832; Aug. 27.
Holzman, Josef J., Los Angeles, Calif. Treating fruit. 2,191,695; Feb. 27.
Holzwarth, Charles, Parlin, N. J., assignor to Du Pont Film Manufacturing Corp., New York, N. Y. Recovering silver from photographic solutions. 2,214,765; Sept. 17.
Holzwarth Gas Turbine Co. (See Meininghaus, Ulrich, assignor.)
Holzwarth Gas Turbine Co. (See Schaper, Georg, assignor.)
Holzwarth Gas Turbine Co. (See Schmidt, Wilhelm, assignor.)
Homasote Company. (See Cormie, John C., assignor.)
Homberger–Rauschenbach, E., vormals International Watch Co. (See Puthod, Roger, assignor.)
Home Oil Heating Company. (See Ortlepp, Henry L., assignor.)
Hömen, Carl, Hamburg, Germany. Percussion drill. 2,223,727; Dec. 3.
Homer Commutator Corporation. (See Kuchta, William, Jr., assignor.)
Homer, Paul A., Victoria, British Columbia, Canada. Flexible insulated coupling. 2,220,622; Nov. 5.
Homeyer, Arthur C. (See Matheson, W. K., and Homeyer.)
Homeyer, Arthur C., Glen Ridge, N. J. Valve. 2,216,531; Oct. 1.
Homeyer, Marie L., née Reddelien, administratrix. (See Reddelien, Gustav H.)
Homrich, Ferdinand, Hamburg-Altona, Germany. Photographic reproducing apparatus. 2,208,725; July 23.
Homrighous, John H., Oak Park, Ill. Cigarette and cigar extinguishing device. 2,185,462; Jan. 2.
Homsher, Carl S., Denver, Colo. Electrician's conduit wrench. 2,196,701; Apr. 9.
Honaman, Richard K., Bloomfield, and L. K. Swart, Mountain Lakes, N. J., assignors to American Telephone and Telegraph Company. Voltage recording device. 2,189,110; Feb. 6.
Honerkamp, Friedrich, New York, N. Y., assignor to Anemostat Corporation of America. Fluid distributing device. 2,209,121; July 23.
Hones, Charles A., Inc. (See Hones, William R., assignor.)
Hones, William R., assignor to Charles R. Hones, Inc., Baldwin, N. Y. Melting furnace. 2,196,864; Apr. 9.
Honeycutt, Curtis E., Gastonia, N. C. Refluting machine. 2,214,883; Sept. 17.
Honeywell, Mark C., Wabash, Ind., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Condition controller. 2,221,636; Nov. 12.
Honig, Joseph E. (See Glassberg, M., Chester, and Honig.)
Honiss, William T., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Molten glass severing mechanism. 2,218,970; Oct. 22.
Honnef, Hermann, Berlin, Germany. Wind-operated power generator. 2,217,950; Oct. 15.
Honold, Ernst. (See Neresheimer, H., Honold, Stein, Schubert, and Anton.)
Honold, Ernst, Frankfort-on-the-Main, H. Neresheimer, Ludwigshafen-on-the-Rhine, M. Schubert, Frankfort-on-the-Main, B. Stein, Mannheim, and H. Reich, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation. Vat dyestuffs. 2,197,044; Apr. 16.
Honold, Ernst, Frankfort-on-the-Main, H. Neresheimer, Ludwigshafen-on-the-Rhine, M. Schubert, Frankfort-on-the-Main, B. Stein, Mannheim, and K. Saftien, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation. Vat dyestuffs. 2,197,045; Apr. 16.
Honorary Advisory Council for Scientific and Industrial Research. (See Grace, Nathaniel H., assignor.)
Honsaker, Charles C., Philadelphia, Pa. Apparatus for and method of inducing pyrexia. 2,203,263; June 4.
Honsberger, Orin E., Buffalo, N. Y. Mixing and spraying device. 2,198,998; Apr. 30.
Hood, Ben B., Trona, Calif., assignor to Lever Brothers Company. Producing floating toilet soaps. 2,210,924; Aug. 13.
Hood, E. Elliott. (See McGrath, W. L., and Hood.)
Hood, Harrison P., assignor to Corning Glass Works, Corning, N. Y. Fluorescent glass. 2,215,040; Sept. 17.
Hood, Harrison P., and M. E. Nordberg, assignors, by mesne assignments, to Corning Glass Works, Corning, N. Y. Treating borosilicate glasses. 2,215,039; Sept. 17.
Hood, Harrison P., and M. E. Nordberg, assignors to Corning Glass Works, Corning, N. Y. Borosilicate glass. 2,221,709; Nov. 12.
Hood, Harry M., Chicago, Ill., assignor to Featheredge Rubber Company, Inc. Armrest. 2,203,413; June 4.
Hood, Henry J., assignor to Eastman Kodak Company, Rochester, N. Y. Film box for miniature film. 2,221,024; Nov. 12.
Hood, Norman R., Weston, Runcorn, England, assignor to Imperial Chemical Industries Limited. Degreasing metal and like nonabsorbent articles. 2,201,729; May 21.
Hood, Ralph S., Danvers, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Production of aluminum sulphate. 2,216,194; Oct. 1.
Hood Rubber Company. (See Fowler, Fred D., assignor.)
Hood Rubber Company. (See Hickler, Walter R., assignor.)
Hood, Samuel C., New York, N. Y. Beveled edge sharpener. 2,195,129; Mar. 26.
Hoof, Addison C., Hinsdale, Ill. Remote control for governors. 2,202,422; May 28.
Hoof, Addison C., Hinsdale, Ill. Combined throttle and governor device. 2,202,423; May 28.
Hoof, Addison C., Hinsdale, Ill. Diaphragm forming method. 2,208,583; July 23.
Hoof, Addison C., Hinsdale, Ill. Gas eliminator and fuel economizer. 2,212,936; Aug. 27.
Hoofer, Charles F., Chicago, Ill. Card holder. 2,206,775; July 2.
Hooft, Franciscus, V., Buffalo, and H. B. Hodge, Jr., East Aurora, assignors to Lucidol Corporation, Buffalo, N. Y. Nonlumping calcium sulphate containing composition. 2,207,737; July 16.
Hoog, Han, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Isomerization of olefin hydrocarbons. 2,217,252; Oct. 8.
Hook, Ira T. (See Smith, C. S., and Hook.)
Hook, Leroy G., San Pedro, Calif. Spill boom. 2,200,552; May 14.
Hooker, Calvin A., et al., trustee. (See Bartel, Charles F., and W. C., assignors.)
Hooker, Donald E., assignor to R. T. Moloney, Chicago, Ill. Ball rolling game. 2,191,209; Feb. 20.
Hooker, Donald E., assignor to R. T. Moloney, Chicago, Ill. Film playing phonograph. 2,196,730; Apr. 9.
Hooker, Donald E., assignor to R. T. Moloney, Chicago, Ill. Bumper obstacle for ball rolling games. 2,218,968; Oct. 22.
Hooker, Donald E., assignor to R. T. Maloney, Chicago, Ill. Ball rolling game. 2,219,898; Oct. 29.
Hooker Electrochemical Company. (See Hitchcock, L. B., and Divine, assignors.)
Hooker Electrochemical Company. (See Kimball, R. H., and Loverde, assignors.)
Hooker Electrochemical Company. (See Marsh, William J., assignor.)
Hooker Electrochemical Company. (See Maude, A. H., and Sweeney, assignors.)
Hooker Electrochemical Company. (See Stuart, Kenneth E., assignor.)
Hooker, George W. (See Amos, J. L., and Hooker.)
Hoon, Clyde W., Rio Vista, Calif. Asparagus washer. 2,197,978; Apr. 23.

Hoop, John G., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Gas combustor unit. 2,221,583; Nov. 12.
Hooper, Archibald H., Detroit, Mich., assignor, by decree of court to A. Larson and C. H. Truman. Cooling means for liquids. 2,206,826; July 2.
Hooper, Bert L., Lincoln, Nebr. Casting device. 2,192,043; Feb. 27.
Hooper, Charles M., Cleveland, Ohio. Applicator. 2,197,579; Apr. 16.
Hooper, F. X., Company. (See Fitchett, Thomas S., assignor.)
Hooper, F. X., Company. (See Greenwood, Henry B., assignor.)
Hooper, George H., Detroit, Mich. Motor vehicle. 2,213,912; Sept. 3.
Hooper, Glenn R. (See Jenkins, R. B., and Hooper.)
Hooper, Harold A. (See Hooper, William J., assignor.)
Hooper, James E., Ruxton, Md., assignor to Wm. E. Hooper & Sons Company. Oil filter cartridge and casing. 2,197,471; Apr. 16.
Hooper, John M., Clairton, Pa. Rolling angles. 2,191,390; Feb. 20.
Hooper, John M., Torrance, Calif. Rolling angles. 2,191,391; Feb. 20.
Hooper, Lester B., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for operating on sheet material. 2,189,797; Feb. 13.
Hooper, Louis G. (See Hooper, Virgil I. and L. G.)
Hooper, Louis G., Sarepta, La., and V. I. Hooper, Gordon, Tex., assignors to The Bastian-Blessing Company, Chicago, Ill. Apparatus for removing condensate from pipelines. 2,186,923; Jan. 9.
Hooper, Virgil I. (See Hooper, L. G. and V. I.)
Hooper, Virgil I., Gordon, Tex., and L. G. Hooper, Sarepta, La., assignors to The Bastian-Blessing Company, Chicago, Ill. Handling fluids. 2,186,924; Jan. 9.
Hooper, Virgil I., Gordon, Tex., and L. G. Hooper, Sarepta, La., assignors to The Bastian-Blessing Company, Chicago, Ill. Valve. 2,186,925; Jan. 9.
Hooper, Virgil I., Gordon, Tex., and L. G. Hooper, Sarepta, La., assignors to The Bastian-Blessing Company, Chicago, Ill. Tank installation. 2,194,501; Mar. 26.
Hooper, Virgil I., Gordon, Tex., and L. G. Hooper, Sarepta, La., assignors to The Bastian-Blessing Company, Chicago, Ill. Valve structure. 2,219,897; Oct. 29.
Hooper, Virgil I., Gordon, Tex., and L. G. Hooper, Sarepta, La., assignors to The Bastian-Blessing Company, Chicago, Ill. Loading tanks. 2,224,963; Dec. 17.
Hooper, Walter S., Redwood City, Calif. Collapsible tube closure. 2,199,159; Apr. 30.
Hooper, Wm. E., & Sons Company. (See Clayton, E. C., and Heffner, assignors.)
Hooper, Wm. E., & Sons Company. (See Hooper, James E., assignor.)
Hooper, William J., Elsah, assignor of one-half to H. A. Hooper, Chicago, Ill. Dental spray. 2,187,586; Jan. 16.
Hooper, William J., Elsah, assignor of one-half to H. A. Hooper, Chicago, Ill. Cleaning spray. 2,208,031; July 16.
Hooper, William J., Elsah, assignor of one-half to H. A. Hooper, Chicago, Ill. Dental cleaning spray. 2,208,032; July 16.
Hooper, William J., Elsah, assignor to H. A. and W. J. Hooper, Chicago, Ill. Faucet connector. 2,219,813; Oct. 29.
Hoopes, Ernest A., Des Moines, Iowa. Blending chamber for water mixing valves. 2,221,050; Nov. 12.
Hoopes, Ernest A., Des Moines, assignor of three-eighths to A. W. Erskine, Cedar Rapids, and one-eighth to F. D. Clark, Des Moines, Iowa. Temperature controlled water mixer. 2,217,017; Oct. 8.
Hooppaw, Cadle, Washington, D. C. Shock absorbing windshield. 2,220,787; Nov. 5.
Hoos, Benjamin G. (See Schur, M. O., and Hoos.)
Hooven, C. E. (See Evans, Kelley D., assignor.)
Hooven, Frederick J., Dayton, Ohio. Radio compass. 2,190,787; Feb. 20.
Hooven, Frederick J., Dayton, Ohio. Radio compass system. 2,220,904; Nov. 12.
Hoover, Albert H., and H. D. Clark, Oil City, Pa. Illuminated license plate and case therefor. 2,203,785; June 11.
Hoover Ball and Bearing Company. (See Niles, Ray W., assignor.)
Hoover Company, The. (See Becker, Bernard C., assignor.)
Hoover Company, The. (See Bell, William C., assignor.)
Hoover Company, The. (See Berg, Quentin, assignor.)
Hoover Company, The. (See Burkhardt, Chandos, assignor.)
Hoover Company, The. (See Carlson, Vernon E., assignor.)
Hoover Company, The. (See Daiger, George P., assignor.)
Hoover Company, The. (See Demaree, Harry S., assignor.)
Hoover Company, The. (See Gerber, Dale C., assignor.)
Hoover Company, The. (See Hudson, Willis F., assignor.)
Hoover Company, The. (See Kitto, William H., assignor.)
Hoover Company, The. (See Kitto, W. H., and Siedle, assignors.)
Hoover Company, The. (See Nelson, Rudolph S., assignor.)
Hoover Company, The. (See Nelson, R. S., and Coons, assignors.)
Hoover Company, The. (See Nelson, R. S., and Siedle, assignors.)
Hoover Company, The. (See Schug, Howard L., assignor.)
Hoover Compay, The. (See Siedle, Arnold D., assignor.)
Hoover Company, The. (See Siedle, A. D., and Kitto, assignors.)
Hoover Company, The. (See Smellie, Donald G., assignor.)
Hoover Company, The. (See Snyder, Eugene L., assignor.)
Hoover Company, The. (See Taylor, Charles H., assignor.)
Hoover Company, The. (See Whitaker, Uncas A., assignor.)
Hoover Company, The. (See White, Harry B., assignor.)
Hoover, Fred C., Uniontown, Pa. Mulching ventilation system and apparatus. 2,209,891; July 30.
Hoover, Kenneth H., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Apparatus for preventing corrosion. 2,209,920; July 30.
Hoover, Ray. (See Dirkes, R. F., Hoover, and Wheeler.)
Hoover, Ray. (See Wheeler, E. R., Hoover, and Dirkes.)
Hoover, Vaino, Los Angeles, Calif., assignor to U. S. Electrical Motors, Inc. Variable speed drive system. 2,203,149; June 4.
Hoover, Vaino A., Los Angeles, assignor to Byron Jackson Co., Huntington Park, Calif. Flat cable construction. 2,200,776; May 14.
Hoover, Vaino A., Los Angeles, assignor to Byron Jackson Co., Huntington Park, Calif. Motor construction. 2,219,318; Oct. 29.
Hoover, William A., Pittsburgh, Pa. Gauge pin. 2,199,288; Apr. 30.
Hoover, Zenas L., New York, N. Y. Traffic signal. 2,219,092; Oct. 22.
Hopcraft, Donald L. (See Schnebly, F. C., and Hopcraft.)
Hope, Ernest, Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Sheet applying device. 2,225,053; Dec. 17.
Hope, Gerard A., Brooklyn, W. L. Linton, Bay Side, and M. F. Pratt, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricant. 2,198,307; Apr. 23.
Hope, Samuel N., Wauwatosa, assignor to Griffith-Hope Company, West Allis, Wis. Roll holder. 2,205,198; June 18.
Hope, Stanley C., Guilford, Conn., assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Fluid dispensing apparatus. 2,225,271; Dec. 17.
Hope, William H., Jr., assignor to Gilman Fanfold Corporation, Niagara Falls, N. Y. Continuous manifolding book. 2,204,678; June 18.
Hopff, Heinrich. (See Vierling, K., and Hopff.)
Hopff, Heinrich, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of condensation products of vinyl methyl ketone and water-soluble aldehydes. 2,196,452; Apr. 9.
Hopff, Heinrich, and G. Steinbrunn, Ludwigshafen-on-the-Rhine, and H. Freudenberger, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Interpolymerization products of vinyl chloride and esters of maleic acid. 2,187,817; Jan. 23.
Hopff, Heinrich, and H. Schoenherr, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Conversion products of pyrene. 2,198,050; Apr. 23.
Hopff, Heinrich, H. Eichel, and H. Schoenherr, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation. Condensation products of pyrene. 2,198,967; Apr. 30.
Hopff, Heinrich, and W. Rapp, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of butane-polycarboxylic acids. 2,203,628; June 4.
Hopff, Heinrich, and H. Schoenherr, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation. Fluorescent hydrocarbon oil. 2,205,408; June 25.
Hopff, Heinrich, and H. Schoenherr, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation. Polynuclear condensation products and their production. 2,205,763; June 25.
Hopfield, John J., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Manufacture of multiple glass sheet glazing units. 2,213,395; Sept. 3.
Hopkes, Henry, Grosse Pointe, assignor to No-Sag Spring Company, Detroit, Mich. Spring construction. 2,214,136; Sept. 10.
Hopkins, Arthur G., Sherman, Tex., assignor to S. H. Berch, Beverly Hills, Calif. Packing and sealing food products. 2,187,688; Jan. 16.
Hopkins, Arthur G., Maspeth, N. Y., assignor to McKeesport Tin Plate Corporation. Jetter for beverage packaging apparatus. 2,218,911; Oct. 22.
Hopkins, Charles L., Oak Park, Ill. Power transmission mechanism. 2,210,668; Aug. 6.
Hopkins, Charles L., River Forest, Ill. Power transmission mechanism. 2,223,614; Dec. 3.

Hopkins, Ervin W. (See Ralston, A. W., Harwood, and Hopkins.)

Hopkins, Frank H., Bridgeport, Conn., assignor, by mesne assignments, to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Pressure responsive indicating apparatus. 2,207,807; July 16.

Hopkins, George. J., assignor to McCray Refrigerator Company, Kendallville, Ind. Sliding door construction. 2,192,063; Feb. 27.

Hopkins, George J., assignor to McCray Refrigerator Company, Kendallville, Ind. Cooler. 2,218,208; Oct. 15.

Hopkins, Harry J., assignor, by mesne assignments, to Acme Visible Records, Inc., Chicago, Ill. Visible record equipment. 2,217,018; Oct. 8.

Hopkins, Horace H. (See Allen, E. R., Bullitt, and Hopkins.)

Hopkins, Llewellyn, Butler, Pa. Sheet handling apparatus. 2,217,983; Oct. 15.

Hopkins, Lloyd C., Jr., Jersey City, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Current ballast device. 2,213,706; Sept. 3.

Hopkins, Louis J., Wasco, Calif., assignor to Continental Oil Company, Ponca City, Okla. Device for making drill pipe connections. 2,187,399; Jan. 16.

Hopkins, Mark A., Indianapolis, Ind., assignor to Prest-O-Lite Battery Company, Inc. Storage battery construction. 2,221,542; Nov. 12.

Hopkins, Nathan F., Rockland, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Lockstitch sewing machine. 2,197,801; Apr. 23.

Hopkins, Raymond E., Weymouth, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Manufacture of shoes. 2,188,977; Feb. 6.

Hopkins, Richard M., Keansburg, N. J., assignor to American District Telegraph Company, Inc., New York, N. Y. Electrical signaling system. 2,220,371; Nov. 5.

Hopkins, Robert C., Alliance, Ohio. Recuperating burner block. 2,207,010; July 9.

Hopkins, Robert C., Alliance, Ohio. Sand mixer, aerator, and sifter. 2,207,011; July 9.

Hopkins, Robert C., Alliance, Ohio. Memorial tablet mounting. 2,207,012; July 9.

Hopkins, Robert K., New York, N. Y. Manufacture of veneered articles. 2,226,403; Dec. 24.

Hopkins, Robert K., assignor to The M. W. Kellogg Co., New York, N. Y. Veneering of metallic surfaces. 2,191,469; Feb. 27.

Hopkins, Robert K., assignor to The M. W. Kellogg Co., New York, N. Y. Manufacture of veneered articles. 2,191,470; Feb. 27.

Hopkins, Robert K., assignor to M. W. Kellogg Co., New York, N. Y. Welding method. 2,191,471; Feb. 27.

Hopkins, Robert K., assignor to M. W. Kellogg Co., New York, N. Y. Manufacturing composite metal articles. 2,191,474; Feb. 27.

Hopkins, Robert K., assignor to M. W. Kellogg Co., New York, N. Y. Manufacture of metal articles. 2,191,475; Feb. 27.

Hopkins, Robert K., assignor to The M. W. Kellogg Co., New York, N. Y. Welding apparatus. 2,191,476; Feb. 27.

Hopkins, Robert K., assignor to M. W. Kellogg Co., New York, N. Y. Manufacturing cast metal bodies. 2,191,477; Feb. 27.

Hopkins, Robert K., assignor to M. W. Kellogg Co., New York, N. Y. Apparatus for producing composite metal articles. 2,191,478; Feb. 27.

Hopkins, Robert K., assignor to The M. W. Kellogg Co., New York, N. Y. Forming lined connectors. 2,216,033; Sept. 24.

Hopkins, Robert K., West New Brighton, Staten Island, assignor to M. W. Kellogg Co., New York, N. Y. Manufacture of alloy ingots. 2,191,479; Feb. 27.

Hopkins, Robert K., West New Brighton, Staten Island, assignor to M. W. Kellogg Co., New York, N. Y. Apparatus for manufacturing alloy ingots. 2,191,480; Feb. 27.

Hopkins, Robert K., West New Brighton, Staten Island, assignor to M. W. Kellogg Co., New York, N. Y. Manufacturing composite metal articles. 2,191,481; Feb. 27.

Hopkins, Robert K., West New Brighton, Staten Island, assignor to The M. W. Kellogg Co., New York, N. Y. Manufacturing composite metal articles. 2,191,482; Feb. 27.

Hopkins, Robert K., and H. S. Blumberg, assignors to The M. W. Kellogg Co., New York, N. Y. Making coated articles. 2,191,472; Feb. 27.

Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Document holding device. 2,193,027; Mar. 12.

Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Copyholder. 2,193,028; Mar. 12.

Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic copying apparatus. 2,213,734; Sept. 3.

Hopkins, Samuel E., Dawson, Tex. Air cleaner for gas engines. 2,208,673; July 23.

Hopp, Leo, New York, N. Y. Price ticket protector. 2,186,698; Jan. 9.

Hoppe, Alice M., administratrix. (See Hoppe, Walter H.)

Hoppe, Georg, assignor to Patentverwertungs-Gesellschaft mit beschränkter Haftung "Hermes," Berlin, Germany. Manufacturing selenium rectifiers. 2,195,725; Apr. 2.

Hoppe, Walter H., deceased, late of Rochester, N. Y., A. M. Hoppe, administratrix, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y. Track circuit for railroads. 2,210,242; Aug. 6.

Hoppenstand, David, Fox Chapel, Pa. Brake. 2,201,293; May 21.

Hoppenstand, David, Pittsburgh, Pa. Brake. 2,212,422; Aug. 20.

Hopper, Arthur J., Erie, Pa., assignor to General Electric Company. Railway truck. 2,227,136; Dec. 31.

Hopper, Basil, Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Filter. 2,207,346; July 9.

Hopper, Basil, Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Treatment of hydrocarbon oil. 2,227,089; Dec. 31.

Hoppes, Edwin F., assignor to The Everwear Manufacturing Company, Springfield, Ohio. Diving projector. 2,193,067; Mar. 12.

Hoppes, Edwin F., F. C. Garratt, Jr., and W. B. Evans, assignors to The Everwear Manufacturing Company, Springfield, Ohio. Basket-ball backstop apparatus. 2,227,310; Dec. 31.

Hopping, John E., Dayton, assignor, by mesne assignments, to Central National Bank of Cleveland, Cleveland, Ohio. Register. 2,193,629; Mar. 12.

Höppner, Hellmuth, assignor to Maschinenfabrik Einsiedel G. m. b. H., Einsiedel, near Chemnitz, Saxony, Germany. Hosiery blank. 2,226,342; Dec. 24.

Hopson, Harry B., Springfield, Mass. Adjustable looking glass. 2,214,694; Sept. 10.

Hopwood, John M. (See Albrecht, Kurt, assignor.)

Hopwood, John M. (See Donaldson, Robert R., Jr., assignor.)

Hopwood, John M. (See Peebles, Thomas A., assignor.)

Horak, Gustav J., Penn Run, assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Baking pan rack. 2,218,644; Oct. 22.

Horak, Josef, Eisenerz, Germany. Drawing off blast furnace gases by suction in roasting, calcining, and drying furnaces. 2,186,675; Jan. 9.

Horan, Edwin W., Norwalk, Conn. Optical means for detecting counterfeit money. 2,194,227; Mar. 19.

Hord, Preston E., Kalamazoo, Mich. Pipe cutter. 2,212,564; Aug. 27.

Hordiner, Esther, New York, N. Y. Garment. 2,214,105; Sept. 10.

Horechney, Frank S., Milwaukee, Wis. Combination tool. 2,205,979; June 25.

Horgan, George D., London, England, assignor to American Machine & Foundry Company, New York, N. Y. Packeting machine for cigarettes and the like. 2,196,769; Apr. 9.

Horgan, George D., London, England, assignor to American Machine & Foundry Company, New York, N. Y. Cutting mechanism for cigarette-making and like machines. 2,211,121; Aug. 13.

Horgan, George D., London, England, assignor to American Machine & Foundry Company, New York, N. Y. Packing machine. 2,213,860; Sept. 3.

Horgan, George D., London, England, assignor to American Machine & Foundry Company, New York, N. Y. Cigarette delivery mechanism. 2,218,611; Oct. 22.

Horgan, George D., London, England, assignor to American Machine & Foundry Company, New York, N. Y. Machine for packeting cigarettes or the like. 2,225,477; Dec. 17.

Horger, Oscar J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Locomotive valve gear bearing. 2,188,862; Jan. 30.

Horger, Ralph E., assignor to The Timken Roller Bearing Company, Canton, Ohio. Cap bolt lock. 2,192,378; Mar. 5.

Horii, Shinjiro, Kanda-ku, Tokyo, Japan. Rotary duplicator. 2,198,728; Apr. 30.

Horii, Shinjiro, Kanda-ku, Tokyo, Japan. Stencil sheet. 2,208,980; July 23.

Horii, Shinjiro, Kanda-ku, Toyko, Japan. Stencil sheet. 2,208,981; July 23.

Horine, Cyrus F., Baltimore, Md. Suture package. 2,225,833; Dec. 24.

Horine, Cyrus F., Baltimore, Md. Suture package. 2,225,834; Dec. 24.

Horkheimer, Rolf, Berlin, Germany, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Condenser microphone. 2,199,432; May 7.

Horlacher, Herman. (See Romaine, M., Hawley, and Horlacher.)

Horn, A. C., & Company. (See Bishop, Richard E., assignor.)

Horn, Clarence A., Roselle Park, assignor to Arcturus Development Company, Newark, N. J. Metal tube construction. 2,190,788; Feb. 20.

Horn, Emil A., Jamaica, assignor to Feedrail Corporation, New York, N. Y. Electric trolley construction. 2,210,171; Aug. 6.

Horn, Erich, assignor to Junkers & Co. G. m. b. H., Dessau, Germany. Water supply installation. 2,219,259; Oct. 22.

Horn, Ernst. (See Langer, M., and Horn.)

Horn, Erwin A., assignor to The Speedwall Co., Seattle, Wash. Panel joint construction. 2,194,086; Mar. 19.

Horn, Franklin S., et al. (See Bell, Arthur R., assignor.)
Horn, Hans, assignor to G. Polysius Aktiengesellschaft, Dessau, Germany. Apparatus for conveying powdered material. 2,219,283; Oct. 29.
Horn, Harry J. (See Hunt, J H., and Horn.)
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Journal box. 2,191,761; Feb. 27.
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,191,762; Feb. 27.
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Journal box lid. 2,197,472; Apr. 16.
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,198,721; Apr. 30.
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,202,102; May 28.
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Making vehicle wheels. 2,202,490; May 28.
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,205,652; June 25.
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,213,861; Sept. 3.
Horn, Harry J., and J H. Hunt, assignors to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,187,032; Jan. 16.
Horn, Josef. (See Schade, A., and Horn.)
Horn, Merl E. (See Ludwig, L. R., and Horn.)
Horn, Meyer, Maplewood, and J. Ross, Flushing, N. Y. Signal means for compressed fluid delivering apparatus. 2,200,113; May 7.
Horn, Otto. (See Lange, H., and Horn.)
Horn, Paul E., Fort Dodge, Iowa. Folding bleacher seats. 2,205,624; June 25.
Horn, Walter J., et al. (See Bell, Arthur R., assignor.)
Hornberger, Carl S., Glen Ellyn, Ill. Trailer. 2,225,993; Dec. 24.
Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Press roll. 2,191,144; Feb. 20.
Hornbrook, John W., Bartlesville, assignor to Franks Manufacturing Corporation, Tulsa, Okla. Drilling apparatus. 2,215,928; Sept. 24.
Horne, Edward D., West Palm Beach, Fla. Automatic copper tube cleaner. 2,225,272; Dec. 17.
Horne, George H., Glendale, assignor to Western Precipitation Corporation, Los Angeles, Calif. Electrode rapping mechanism for electric precipitators. 2,198,618; Apr. 30.
Horne, William A., Atlanta, Ga. Rack. 2,212,176; Aug. 20.
Horne, William D., Beech Creek, Pa. Consolidating sugar refining with the manufacture of milk chocolate, condensed milk, and other products. 2,209,202; July 23.
Hornecker, George, Elmhurst, assignor to William W. Fitzhugh, Inc., Brooklyn, N. Y. Shipping display container. 2,186,071; Jan. 9.
Horner, Arthur, et al. (See Hall, Eric E., assignor.)
Horner, Edward W., Sewaren, N. J. Lifting implement. 2,214,417; Sept. 10.
Horner, William L. (See Lewis, J. A., and Horner.)
Horney, Amos G., East Cleveland, Ohio, assignor, by mesne assignments, to Air Reduction Company, Incorporated. Making bromo-chlor-alkanes. 2,219,260; Oct. 22.
Horney, Fred, assignor to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Heat exchanger. 2,224,787; Dec. 10.
Hornfeck, Anthony J., Cleveland, Ohio, assignor to General Electric Company. Magnetic latch. 2,219,186; Oct. 22.
Horni, Paul P., Newark, N. J. Fire alarm signaling system. 2,192,576; Mar. 5.
Horni, Paul P., Newark, N. J. Signaling system and apparatus therefor. 2,197,408; Apr. 16.
Horni, Paul P., Newark, N. J. Electric signaling apparatus. 2,210,620; Aug. 6.
Horni, Paul P., Newark, N. J. Electric signaling system. 2,210,621; Aug. 6.
Horni, Paul P., Newark, N. J. Automatic traffic control system. 2,212,985; Aug. 27.
Horni, Paul P., Newark, N. J. Vehicle actuated traffic signal. 2,212,986; Aug. 27.
Horni, Paul P., Newark, N. J. Selective automatic traffic regulating system. 2,215,851; Sept. 24.
Horni, Paul P., Newark, N. J. Electrical socket and support therefor. 2,223,991; Dec. 3.
Horni, Paul P., Newark, N. J. Vehicle detection device. 2,223,992; Dec. 3.
Horning, Edwin L. (See Morrill, W. J., and Horning.)
Horning, Samuel C., Newark, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Inorganic chrome pigment production. 2,212,917; Aug. 27.
Hornsby, Grover J. (See Kinzie, P. A., and Hornsby.)
Hornschuch, Hanns, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Packing device. 2,223,519; Dec. 3.
Hornstein, Mark, New York, N. Y. Device to ease childbirth. 2,187,125; Jan. 16.
Hornung, Carl A. (See Kulz, F., and Hornung.)
Hornung, Emil E., Jacksonville, Fla. Game. 2,209,729; July 30.
Hornung, Heinrich, H. Dirks, and M. Schrumpf, Berlin, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Push-pull connected high frequency stage. 2,215,790; Sept. 24.
Hornung, John C., Glencoe, assignor to Illinois Engineering Company, Chicago, Ill. Regulating apparatus. 2,209,566; July 30.
Horowitz, A. (See Knös, G. B., and Horowitz.)
Horowitz, Alexandre, Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Variable condenser construction. 2,215,791; Sept. 24.
Horowitz, Alexandre, and G. B. Knox, Eindhoven, Netherlands, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Automatic tuning for radio receiving apparatus. 2,218,088; Oct. 15.
Horr, Arthur F., Craigsville, N. Y. Toilet seat and the like. 2,219,044; Oct. 22.
Horrock-Ibbotson Co. (See Lauterbach, Alexander, assignor.)
Horsch, Andrew C., Mineola, N. Y. Curtain holder. 2,217,367; Oct. 8.
Horsch, William G., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Renovating used oil and systems containing same. 2,217,368; Oct. 8.
Horsch, William G., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Renovating used oil and system containing same. 2,221,380; Nov. 12.
Horsfall, James G., and R. F. Suit, Geneva; said Horsfall assignor to Cornell Research Foundation, Ithaca, N. Y., and said Suit assignor to Röhm & Haas Company, Philadelphia, Pa. Parasiticide. 2,219,364; Oct. 29.
Horsfield, Walter R., assignor to Electric Selectors Limited, Welwyn Garden City, England. Sorting apparatus. 2,190,563; Feb. 13.
Horsley, Caperton B. (See Goldfield, E. R., and Horsley.)
Horsley, Edward C., London, England. Sighting apparatus for use on aircraft. 2,185,633; Jan. 2.
Horsley, James H., Chicago, Ill. Container. 2,199,664; May 7.
Horsley, Lee H. (See Britton, E. C., Nutting, and Horsley.)
Horst, E. Clemens, Company. (See Miller, George E., assignor.)
Horst, E. Clemens, Company. (See Thys, Edouard, assignor.)
Horst, Gerhard. (See Steindorff, A., Balle, Horst, and Michel.)
Horst, Karl. (See Balle, G., and Horst.)
Horst, Karl. (See Orthner, L., Balle, and Horst.)
Horst, Karl. (See Steindorff, A., Balle, Heimke, and Horst.)
Horst, Karl. (See Steindorff, A., Balle, Horst, and Rosenbach.)
Horst, Karl, Hofheim in Taunus, and H. Schild, Frankfort-on-the-Main-Hochst, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Condensation products having the constitution of acid amides and preparing them. 2,213,984; Sept. 10.
Horstman, Walter G., Des Moines, Iowa. Door construction. 2,203,264; June 4.
Horstmann, Bevan G., Bath, Somerset, England. Time-controlled device for switches and the like. 2,208,902; July 23.
Horstmann, Frederick O., Bath, England. Tap or valve. 2,196,798; Apr. 9.
Horstmann, Sidney A., Bath, England. Grinding or abrading machine. 2,188,947; Feb. 6.
Horswell, Alfred H. (See Bahney, L. W., and Horswell.)
Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Web tensioning mechanism. 2,190,379; Feb. 13.
Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Plate clamping mechanism. 2,190,380; Feb. 13.
Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Controlling device for printing machines. 2,206,841; July 2.
Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Feeding webs from printed rolls. 2,212,812; Aug. 27.
Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Binder tab for web rolls. 2,212,937; Aug. 27.
Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Ink supply roller. 2,217,552; Oct. 8.
Horton, Bert, New York, N. Y. Trylon and perisphere. 2,202,382; May 28.
Horton, Clair G., San Antonio, Tex. Golf club. 2,214,079; Sept. 10.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. Re. 21,594; Oct. 8.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner structure. 2,193,724; Mar. 12.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield clearing system. 2,206,814; July 2.

Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Receptacle for liquid sprayers. 2,206,815; July 2.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner motor. 2,209,921; July 30.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Wiper arm. 2,215,371; Sept. 17.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,223,660; Dec. 3.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Motor vehicle accessory system. 2,223,661; Dec. 3.
Horton, Frank J., Detroit, Mich., assignor to The Murray Corporation of America. Machine for forming springs. 2,188,406; Jan. 30.
Horton, Frank J., assignor to The Murray Corporation of America, Detroit, Mich. Machine for forming springs. 2,188,407; Jan. 30.
Horton Manufacturing Company. (See Weathers, Warren F., assignor.)
Horton Manufacturing Company. (See White, William T., assignor.)
Horton, Reuben H., Philadelphia, and R. Eksergian, Lansdowne, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Heating and cooling system. 2,218,793; Oct. 22.
Horvath, Anthony G., assignor to The Dayton Pump and Manufacturing Company, Dayton, Ohio. Jet pump. 2,196,453; Apr. 9.
Horvath, Anthony G., assignor to The Dayton Pump & Mfg. Co., Dayton, Ohio. Pump. 2,198,722; Apr. 30.
Horvitz, Leo. (See Rosaire, E. E., and Horvitz.)
Horvitz, Leo, assignor to E. E. Rosaire, Houston, Tex. Geochemical exploration. 2,198,619; Apr. 30.
Horwitt, Nathan G., New York, N. Y. Picture frame. 2,209,972; Aug. 6.
Hosbein, Louis H., Glencoe, assignor to M. H. Detrick Company, Chicago, Ill. Still construction. 2,205,776; June 25.
Hoschek, José, Buenos Aires, Argentina. Signaling device for announcing pressure loss in pneumatic tires. 2,213,781; Sept. 3.
Hose, Alexander V., Marblehead, assignor to Atwood & Morrill Co., Salem, Mass. Power operated valve system. 2,206,957; July 9.
Hosfield, Glenn E., Lincoln, Nebr. Insulator. 2,215,152; Sept. 17.
Hosford, Hallock C. (See Brown, J. W., and Hosford.)
Hosford, Hallock C. (See Corey, A. A., and Hosford.)
Hosiery Developments Limited. (See Mills, Robert K., assignor.)
Hosiery Patents Incorporated. (See Weisbecker, Frank G., assignor.)
Hosking, Richard T., Wilmette, assignor, by mesne assignments, to Illinois Tool Works, Chicago, Ill. Lock nut. 2,210,455; Aug. 6.
Hosking, Richard T., Wilmette, assignor, by mesne assignments, to Illinois Tool Works, Chicago, Ill. Self-locking screw. 2,217,951; Oct. 15.
Hoskins, Charles L. (See Moore, H. E., and Roberts, assignors.)
Hoskins, Eugene T., San Francisco, Calif. Stool cane. 2,225,114; Dec. 17.
Hoskins, William, Jr., La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Hectograph mass containing color intensifiers. 2,195,926; Apr. 2.
Hoskins, Willliam, Jr., La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Hectograph mass containing color intensifiers. 2,216,590; Oct. 1.
Hoskwith, George M., New York, N. Y. Mechanism for cutting and pinking fabric. 2,200,746; May 14.
Hosmer, Frank F. (See Gilbert, W. H., and Hosmer.)
Hosmer, Harrison W., Stoneham, and E. Stafford, North Reading, assignors to A. D. Little, Incorporated, Cambridge, Mass. Spraying nozzle. 2,218,110; Oct. 15.
Hosmer, John D., Dearborn, Mich. Fish lure. 2,221,381; Nov. 12.
Hospital Liquids, Inc. (See Swabacker, John E. B., assignor.)
Hossfeld, Albert, Winona, Minn. Die for bending angle bars. 2,225,742; Dec. 24.
Hosterman, Harry L., assignor of one-fourth to G. W. Perks and one-fourth to D. Gottwald, Akron, Ohio. Valve mechanism. 2,211,013; Aug. 13.
Hostetler, Elden L., assignor of one-third to W. G. Gleason, Pomona, and one-third to A. D. Mitchell, Ontario, Calif. Mechanical calendar. 2,215,552; Sept. 24.
Hostetter, John C., West Hartford, Conn., assignor to Corning Glass Works, Corning, N. Y. Heating and reshaping glass articles. 2,215,041; Sept. 17.
Hotcan Corporation. (See Katz, Leo, assignor.)
Hotchkiss, Allen G., Schenectady, N. Y., assignor to General Electric Company. Tower-type strip annealing furnace. 2,195,310; Mar. 26.
Hotchkiss, E. H., Company, The. (See Peterson, R. E., and Larsen, assignors.)
Hotchkiss, William R., St. Paul, Minn. Check book. 2,191,661; Feb. 27.
Hotchkiss, William R., St. Paul, Minn. Printing press. 2,207,460; July 9.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,186,973; Jan. 16.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Apparatus for producing can bodies. 2,187,740; Jan. 23.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container opener. 2,188,352; Jan. 30.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,200,275; May 14.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Fiber container manufacture. 2,201,177; May 21.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Can closing machine. 2,202,006; May 28.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Can opening device. 2,216,110; Oct. 1.
Hothersall, John M., Brooklyn, N. Y., and J. H. Murch, East Orange, N. J., assignors to American Can Company, New York, N. Y. Can end assembling machine. 2,220,276; May 14.
Hothersall, John M., Brooklyn, N. Y., and W. Pechy, Elizabeth, N. J., assignors to American Can Company, New York, N. Y. Filling machine. 2,222,617; Nov. 26.
Hotson, John H., Woodside, N. Y. Weighing device of the balance type. 2,204,595; June 18.
Hotstream Heater Company, The. (See Morrow, Clarence H., assignor.)
Hottel, James F., Washington, D. C. Boat anchor. 2,202,856; June 4.
Houchin, Lowell L., assignor to D. D. Hubbell, Columbus, Ohio. Apparatus for producing one-piece multi-focal ophthalmic lenses. 2,208,527; July 16.
Houck, John C., assignor of one-half to Wickham Bros., Scranton, Pa. Thread throwing machine. 2,188,242; Jan. 23.
Houck, Marshall B., Glenn Ellyn, and J. R. Harris, Berwyn, assignors to Sears, Roebuck and Co., Chicago, Ill. Chemical toilet. 2,224,868; Dec. 17.
Houck, Robert C. (See Sheppard, S. E., and Houck.)
Houdaille-Hershey Corporation. (See Buchanan, Hugh, assignor.)
Houdaille-Hershey Corporation. (See Fergueson, Arthur P., assignor.)
Houdaille-Hershey Corporation. (See Fergueson, A. P., and Gould, assignors.)
Houdaille-Hershey Corporation. (See Franco-Ferreira, Edgard C., assignor.)
Houdaille-Hershey Corporation. (See Jandus, Herbert S., assignor.)
Houdaille-Hershey Corporation. (See Jandus, H. S., and Buchanan, assignors.)
Houdaille-Hershey Corporation. (See Jandus, H. S., and Purdy, assignors.)
Houdaille-Hershey Corporation. (See Johnson, Bernard C., assignor.)
Houdaille-Hershey Corporation. (See Mills, Donald H., assignor.)
Houdaille-Hershey Corporation. (See Patrick, G. C., and Schatzman, assignors.)
Houdaille-Hershey Corporation. (See Sandberg, Ray A., assignor.)
Houdaille-Hershey Corporation. (See Schatzman, George W., assignor.)
Houdaille-Hershey Corporation. (See Smith, Frederick A., assignor.)
Houde Engineering Corporation. (See Black, Rowland J., assignor.)
Houde Engineering Corporation. (See Chisholm, Harry L., Jr., assignor.)
Houde Engineering Corporation. (See Peo, Ralph F., assignor.)
Houde Engineering Corporation. (See Peo, R. F., and Bliss, assignors.)
Houde Engineering Corporation. (See Peo, R. F., Chisholm, and Linsley, assignors.)
Houde Engineering Corporation. (See Peo, R. F., and Magrum, assignors.)
Houde Engineering Corporation. (See Potter, Elbert L., assignor.)
Houdremont, Eduard. (See Schafmeister, P., and Houdremont.)
Houdremont, Eduard, and H. Schrader, Essen, Germany, assignors, by mesne assignments, to Pantena Limited, Glarus, Switzerland. High speed steel. 2,209,622; July 30.
Houdremont, Eduard, and H. Schrader, Essen, Germany, assignors, by mesne assignments, to Pantena Limited, Glarus, Switzerland. Manufacture of high speed steels. 2,209,623; July 30.
Houdry, Eugene J., Rosemont, Pa., assignor to Houdry Process Corporation, Dover, Del. Treatment of heavy hydrocarbon material. 2,187,741; Jan. 23.
Houdry, Eugene J., Philadelphia, Pa., assignor to Houdry Process Corporation, Dover, Del. Preparation of gases for polymerization. 2,190,662; Feb. 20.
Houdry, Eugene J., Haverford, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Vapor phase operation. 2,192,911; Mar. 12.

Houdry, Eugene J., Haverford, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Chemical converter. 2,193,816; Mar. 19.
Houdry, Eugene J., Haverford, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Converter and heat exchange circuits therefor. 2,195,414; Apr. 2.
Houdry, Eugene J., Haverford, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Temperature control of catalytic operations. 2,205,409; June 25.
Houdry, Eugene J., Haverford, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Production of polymer gasoline. 2,213,247; Sept. 3.
Houdry, Eugene J., Haverford, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Heat exchange member and method of making. 2,216,778; Oct. 8.
Houdry, Eugene J., Haverford, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Regulation of temperature of chemical reactions. 2,225,634; Dec. 24.
Houdry, Eugene J., Rosemont, Pa., R. C. Lassiat, Woodbury, N. J., and G. Kelso, Chester, Pa., assignors to Houdry Process Corporation, Dover, Del. Treatment of fluids. 2,209,973; Aug. 6.
Houdry Process Corporation. (See Houdry, Eugene J., assignor.)
Houdry Process Corporation. (See Houdry, E. J., Lassiat, and Kelso, assignors.)
Houdry Process Corporation. (See Lassiat, Raymond C., assignor.)
Houdry Process Corporation. (See Pew, Arthur E., Jr., assignor.)
Houdry Process Corporation. (See Pew, A. E., Jr., and Lassiat, assignors.)
Houdry Process Corporation. (See Prickett, Thomas B., assignor.)
Houdry Process Corporation. (See Samans, Walter, assignor.)
Houdry Process Corporation. (See Thayer, C. H., and Prickett, assignors.)
Houge, Oscar W., executor. (See Johanson, C. H., and Weber.)
Houger, Leroy G., Gardiner, Mont. Skein reel. 2,198,114; Apr. 23.
Hough, Azel C., Janesville, Wis., assignor to Hough Shade Corporation. Porch shade and operating mechanism. 2,188,134; Jan. 23.
Hough, Cyril T. M., Jamestown, N. Y., assignor to Weber-Knapp Company. Hinge. 2,199,102; Apr. 30.
Houdry, Eugene J., Haverford, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Production of liquid polymers. 2,226,562; Dec. 31.
Hough, Frank G., Chicago, Ill. Street sweeper. 2,199,703; May 7.
Hough Shade Corporation. (See Hough, Azel C., assignor.)
Hough, William R., Cleveland, Ohio, assignor to The Reliance Electric and Engineering Company. Motor application for heated compartments. 2,202,424; May 28.
Houghton, Albert A., Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Starch amines. 2,206,354; July 2.
Houghton, Alexis C., Bartlett, Calif., assignor to F. A. Dakin, Boston, Mass. Recovering sodium carbonate from brines. 2,193,817; Mar. 19.
Houghton, Carl R., assignor to Roots-Connersville Blower Corporation, Connersville, Ind. Fluid handling apparatus. 2,188,752; Jan. 30.
Houghton, Joseph Y., Montgomery County, Md., and T. H. Brown, Hinds County, Miss. Smoke and fume separating. 2,216,779; Oct. 8.
Houk, Alva L. (See Bock, L. H., and Houk.)
Houk, Alva L. (See Powers, D. H., Bock, and Houk.)
Houle, Granville J., Stratford, Conn. Artificial ornamental object. 2,216,440; Oct. 1.
Houlis, Louis D., Cincinnati, Ohio. Door operating mechanism. 2,222,841; Nov. 26.
Houplain, René B., Paris, France. Control device with adjustable reversibility. 2,209,122; July 23.
Houpt, Alfred G., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Conversion of ricinoleates into other organic compounds. 2,217,515; Oct. 8.
Houpt, Alfred G., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Production of Organic compounds. 2,217,516; Oct. 8.
House, Frank R., Baldwin Harbor, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Sound locator apparatus. 2,199,404; May 7.
House, Harvey W., Pasadena, assignor to Engineering Incorporated, Los Angeles, Calif. Removal of dirt. 2,188,353; Jan. 30.
House, William R., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Receptacle and support therefor. 2,202,798; May 28.
Housekeeper, Earl J. (See Schellin, J. C., and Housekeeper.)
Housekeeping Products Co. (See Kingman, Russell B., assignor.)
Houser, Franklin D. (See Meeker, D. A., and Houser.)
Housman, Abraham J., et al. (See Vilkomerson, Benjamin S., assignor.)
Housman, David, et al. (See Vilkomerson, Benjamin S., assignor.)
Houston Engineers, Inc. (See Edwards, Charles R., assignor.)
Houston Pipe Line Company. (See Hutchinson, Frank Y., May 21.
Houston, William E., Columbia, S. C. Fountain pen. 2,201,400; May 21.
Houtsinger, Henry J., and H. A. Stilson, assignors to McGill Metal Products Company, Chicago, Ill. Animal trap. 2,209,522; July 30.
Houwen, Frederick C., Morris Plains, assignor to The Bates Manufacturing Company, West Orange, N. J. Stapling machine. 2,225,054; Dec. 17.
Hover, Monte E. (See Kuehn, W. G., and Hover.)
Hover, Monte E., and W. M. Remarque, Los Angeles County, Calif. Spring bolt mechanism. 2,210,080; Aug. 6.
Hovey, Almon G. (See Hodgins, T. S., and Hovey.)
Hovey, Almon G. (See Ryan, P. J., and Hovey.)
Hovey, Almon G., Pleasant Ridge, and T. S. Hodgins, Royal Oak, assignors to Reichhold Chemicals, Inc., formerly Beck, Koller & Company, Inc. Ketonic acid-amine resins and making same. 2,195,570; Apr. 2.
Hovey, Almon G., Pleasant Ridge, and T. S. Hodgins, Royal Oak, assignors to Reichhold Chemicals, Inc., formerly Beck, Koller & Company, Inc., Detroit, Mich. Resinous acid-amine condensation product and making the same. 2,197,723; Apr. 16.
Hovey, Almon G., Pleasant Ridge, and T. S. Hodgins, Royal Oak, assignors to Reichhold Chemicals, Inc., Detroit, Mich. Resinous molding composition from synthetic aldehyde resins and hydrolyzed ligno-cellulose. 2,197,724; Apr. 16.
Hovey, Almon G., Pleasant Ridge, and T. S. Hodgins, Royal Oak, assignors to Reichhold Chemicals, Inc., Detroit, Mich. Condensation product of free resinic acid and organic amine and making same. 2,218,284; Oct. 15.
Hovey, William L., Flint, Mich. Fishhook and snell. 2,206,321; July 2.
Hovland, Henry, Williston Park, N. Y. Window ventilator. 2,196,070; Apr. 2.
Hovland, Henry, Williston Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,216,532; Oct. 1.
Hovland, Henry, Williston Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,225,478; Dec. 17.
Hovorka, William T., Berwyn, assignor to Chicago Mill and Lumber Company, Chicago, Ill. Box. 2,224,681; Dec. 10.
Hovorka, William T., Berwyn, assignor to Chicago Mill and Lumber Company, Chicago, Ill. Box. 2,224,818; Dec. 10.
How, Harlan W., assignor to Struthers Wells-Titusville Corporation, Titusville, Pa. Liquid level control mechanism. 2,189,903; Feb. 13.
How, Harlan W., assignor to Struthers, Wells-Titusville Corporation, Titusville, Pa. Tire mounting for rotary driers, kilns, and similar equipment. 2,198,820; Apr. 30.
Howald, Arthur M., Pittsburgh, Pa., assignor, by mesne assignments, to Plaskon Company, Incorporated. Urea-formaldehyde molding composition and making. 2,191,960; Feb. 27.
Howald, Arthur M., assignor to Plaskon Company, Incorporated, Toledo, Ohio. Hardener for formaldehyde-urea adhesives. 2,193,630; Mar. 12.
Howald, Eddie F., Quincy, Ill. Combined match box and memorandum device. 2,218,039; Oct. 15.
Howald, Werner, Zurich, Switzerland. Two-stroke internal combustion engine. 2,199,314; Apr. 30.
Howard, Alan, Schenectady, N. Y., assignor to General Electric Company. Heat exchanger unit. 2,205,292; June 18.
Howard, Alan, Schenectady, N. Y., assignor to General Electric Company. Heat exchange apparatus. 2,217,410; Oct. 8.
Howard, Alan F., Winchester, Mass. Mechanism for fabricating toy structural material. 2,219,284; Oct. 29.
Howard and Bullough, Limited. (See Pilling, John, assignor.)
Howard, Clifford. (See Bendeler, W., and Howard.)
Howard, Clifford, Oklahoma City, Okla. Tubing cutter. 2,200,172; May 7.
Howard, Clifton P. (See Johnson, Burchell M., assignor.)
Howard, David J., assignor to Quaker Manufacturing Company, Chicago, Ill. Oil burner. 2,213,862; Sept. 3.
Howard, Edward T., Cleveland, Ohio. Brush. 2,202,292; May 28.
Howard Foundry Co. (See Siegert, Walter, assignor.)
Howard, George E., Butler, Pa. Speed regulator. 2,224,600; Dec. 10.
Howard Hosiery Company. (See Stevenson, F., and Scott, assignors.)
Howard, James H. (See McEvoy, J. H., and Howard.)
Howard, James H., assignor to J. H. McEvoy & Company, Houston, Tex. Tubing head and hanger. 2,211,122; Aug. 13.
Howard, James H., assignor to J. H. McEvoy & Company, Houston, Tex. Method and apparatus for completing a well. 2,211,206; Aug. 13.
Howard, John H., Whittier, Calif. Apparatus for making toothed cutters and the like. 2,190,360; Feb. 13.
Howard, Joseph A., et al. (See Taladay, Josef A., assignor.)

Howard, Lawrence, and H. A. Smith, assignors, to Knapp-Monarch Company, St. Louis, Mo. Heating pad. 2,215,042; Sept. 17.
Howard, Le Roy, Beverly, assignor to Parker Brothers, Inc., Salem, Mass. Game. 2,194,854; Mar. 26.
Howard, Norman. (See Muskat, I. E., and Howard.)
Howard, Roscoe D., Tulsa, Okla., assignor, by mesne assignments, to Petroleum Research Corporation, Chicago, Ill. Treating hydrocarbon oils. 2,205,410; June 25.
Howard, Roscoe D., Tulsa, Okla., assignor, by mesne assignments, to Petroleum Research Corporation, Chicago, Ill. Refining mineral oil. 2,205,411; June 25.
Howard, Sidney C., Columbus, and B. Williams, Groveport, Ohio. Metronome. 2,222,032; Nov. 19.
Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,204,134; June 11.
Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Automatic weighing machine. 2,207,885; July 16.
Howard, Thomas A., Holladay, Utah. Child's play bowl. 2,199,915; May 7.
Howard, Walter, Detroit, Mich. Spring seat. 2,191,317; Feb. 20.
Howard, Wayne A., Whittier, and T. C. Smith, Huntington Park, Calif., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Fabricating lined vessels. 2,185,463; Jan. 2.
Howard, Wayne A., Manhasset, N. Y., and T. C. Smith, Huntington Park, Calif., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Spot welder for lining closed vessels. 2,198,534; Apr. 23.
Howard, Winthrop R., Manhasset, assignor to The Rawlplug Company, Inc., New York, N. Y. Device for and method of attaching heels to shoes. 2,220,957; Nov. 12.
Howarth, Harry A. S., assignor to Kingsbury Machine Works, Inc., Philadelphia, Pa. Lubricator for journal bearings. 2,221,051; Nov. 12.
Howarth, Harry A. S., assignor to Kingsbury Machine Works, Inc., Philadelphia, Pa. Bearing. 2,225,835; Dec. 24.
Howe, Andrew F., University City, assignor to B H and M Company, St. Louis, Mo. Continuous centrifugal separator and clarifier. 2,218,532; Oct. 22.
Howe, Andrew F., University City, and R. A. Bagnell, Ladue Village, Mo. Liquid meter. 2,215,832; Sept. 24.
Howe, Charles S., Pasadena, Calif, assignor to Industrial Developments Incorporated, Los Angeles, Calif. Ductility testing apparatus. 2,185,340; Jan. 2.
Howe, Earl E., Royal Oak, Mich. Manufacturing ornamental articles. 2,186,381; Jan. 9.
Howe, Earl E., Royal Oak, Mich. Inclined hinge. 2,201,490; May 21.
Howe Folding Furniture Co., Inc. (See Howe, Harold, assignor.)
Howe, Goodwin H., Scotia, N. Y., assignor to General Electric Company. Making a sintered alloy. 2,192,741; Mar. 5.
Howe, Goodwin H., Scotia, N. Y., assignor to General Electric Company. Electric furnace heater element. 2,192,742; Mar. 5.
Howe, Goodwin H., Scotia, N. Y., assignor to General Electric Company. Sintered permanent magnet. 2,192,743; Mar. 5.
Howe, Goodwin H., Scotia, N. Y., assignor to General Electric Company. Sintered permanent magnet. 2,192,744; Mar. 5.
Howe, Goodwin H., Scotia, N. Y., assignor to General Electric Company. Furnace. 2,197,642; Apr. 16.
Howe, Harold, Darien, Conn. Folding table. 2,213,985; Sept. 10.
Howe, Harold, assignor to Howe Folding Furniture Co. Inc., New York, N. Y. Folding table. 2,223,068; Nov. 26.
Howe, Leslie C. (See Peppard, Samuel T., assignor.)
Howe, Ralph E., Troy, N. H. Shredder for woven fabrics. 2,222,799; Nov. 26.
Howe Scale Company, The. (See Barnes, Lewis C., assignor.)
Howe, Wilfred H., Winchester, assignor, by mesne assignments, to The Foxboro Company, Foxborough, Mass. Electric valve control system. 2,202,205; May 28.
Howe, William R., Indianapolis, Ind., assignor to The Egry Register Company, Dayton, Ohio. Manifolding and sheet aligning apparatus. 2,219,389; Oct. 29.
Howe, Winthrop K., assignor to General Railway Signal Company, Rochester, N. Y. Electrical circuit controller. 2,223,105; Nov. 26.
Howe, Winthrop K., and J. C. Lindner, assignors to General Railway Signal Company, Rochester, N. Y. Highway crossing gate. 2,220,154; Nov. 5.
Howell Company, The. (See Bower, Byron F., assignor.)
Howell, Harpster H., Brighton, Mich. Thread tensioning attachment for sewing machines. 2,189,732; Feb 6.
Howell, Harry, Ilford, Manitoba, Canada. Tobacco pipe. 2,204,311; June 11.
Howell, Harry H., and R. E. Rutledge, Kansas City, Mo. Motorized bed for vascular exercise. 2,211,542; Aug. 13.
Howell, Hugh A., Berwyn, assignor to F. Raffles, Chicago, Ill. Alumino-thermic mix for making permanent magnets. 2,185,464; Jan. 2.
Howell, Hugh A., Berwyn, assignor to F. Raffles, Chicago, Ill. Electromagnetic apparatus. 2,212,192; Aug. 20.
Howell, Kenneth B., Milwaukee, Wis. Boiler feed water control system. 2,185,893; Jan. 2.
Howell, R. R., & Company. (See Williams, H. O., and Keys, assignors.)
Howell, Roy C., Lakewood, Ohio. Steering mechanism for motor vehicles. 2,191,961; Feb. 27.
Howell, Roy C., Lakewood, Ohio. Industrial truck. 2,220,450; Nov. 5.
Howell, R. J., et al. (See Weaver, James C., assignor.)
Howell, W. U. (See Moore, John T., assignor.)
Hower, Carl R., Chicago, Ill., assignor to American Lava Corporation, Chattanooga, Tenn. Coil support. 2,194,502; Mar. 26.
Howes, S., Co. Inc. (See Koch, Philip B., assignor.)
Howeth, Harry H., assignor to Ellendale Corporation, Rehoboth Beach, Del. Refrigerating apparatus. 2,215,372; Sept. 17.
Howie, Alexander, Cleveland Heights, Ohio. Container. 2,200,277; May 14.
Howie, Howard, Florence, Ala. Washer. 2,192,912; Mar. 12.
Howie, Kenneth, assignor to Wildman Mfg. Co., Norristown, Pa. Knitting machine. 2,186,023; Jan. 9.
Howie, Kenneth, assignor to Wildman Mfg. Co., Norristown, Pa. Knitting machine. 2,190,154; Feb. 13.
Howie, Kenneth, assignor to Wildman Mfg. Co., Norristown, Pa. Spring beard knitting needle. 2,190,663; Feb. 20.
Howie, Kenneth, assignor to Wildman Mfg. Co., Norristown, Pa. Knitting machine. 2,190,664; Feb. 20.
Howie, Kenneth, assignor to Wildman Mfg. Co., Norristown, Pa. Knitting machine. 2,190,665; Feb. 20.
Howie, Kenneth, assignor to Wildman Mfg. Co., Norristown, Pa. Full fashioned knitting machine. 2,201,136; May 21.
Howie, Robert G. (See Short, W. C., Howie, and Wiley.)
Howk, Benjamin W., and C. G. Wortz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of furonitrile. 2,195,966; Apr. 2.
Howland, George K., and O. E. Hultgren, Elmira, assignors to Remington Rand Inc., Buffalo, N. Y. Typewriting and like machine. 2,201,775; May 21.
Howland, Louis H., Nutley, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Antioxidant. 2,200,747; May 14.
Howland, Louis H., Nutley, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Treating rubber and product obtained thereby. 2,203,090; June 4.
Howland, Louis H., Nutley, and W. P. ter Horst, Packanack Lake, N. J., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Corrosion inhibitor. 2,196,261; Apr. 9.
Howland-Shearman, Charles H., Hamden, Conn. Ram for mechanical presses. 2,224,682; Dec. 10.
Howland, Thomas J., Long Branch, N. J. Bathing cap. 2,206,402; July 2.
Howle, Blaney H., Sr., assignor of one-half to D. C. Shaw, Jr., Florence, S. C. Interlocking shingle. 2,194,659; Mar. 26.
Howlett, Grayle W., Evanston, Ill. Apparatus for making Decoratively covered heels. 2,194,702; Mar. 26.
Howley, Hubert W., Lawrence, Mass. Stabilizer for trailers. 2,202,658; May 28.
Howorth, Harmon, Cumberland, Md., assignor to Celanese Corporation of America. Yarn tensioning device. 2,224,298; Dec. 10.
Howsam, Hilyard C., assignor to Hubbard Spool Company, Chicago, Ill. Spool. 2,208,456; July 16.
Howser, Harry R., Washington, D. C. Making a composite frozen edible product. 2,207,616; July 9.
Howser, Walter M., assignor to W. H. Forse, Anderson, Ind. Attachment for pistons for internal combustion engines. 2,191,854; Feb. 27.
Hoye, James B., Hartford, and E. A. Slye, East Hartford, assignors to Veeder-Root Incorporated, Hartford, Conn. Computer register. 2,193,320; Mar. 12.
Hoye, Peder B., Maywood, assignor to Electrical Engineers Equipment Co., Melrose Park, Ill. Circuit interrupting means. 2,225,055; Dec. 17.
Hoyer, Hans. (See Kaeding, G., and Hoyer.)
Hoyer, Hans. (See Kaupp, J., Ritzenthaler, Schuster, and Hoyer.)
Hoyer, Hans. (See Nadler, F., Hoyer, and Bayer.)
Hoyer, Henry H., and P. Wilson, assignors to Dorset Industries (Poole) Limited, Hamworthy, near Poole, England. Apparatus for aerating liquids. 2,196,632; Apr. 9.
Hoyle, Robert L., Madison, Wis., assignor, by mesne assignments, to Burgess Battery Company, Chicago, Ill. Exhaust silencing and spark arresting device. 2,196,920; Apr. 9.
Hoyois, Léon, Gilly, Belgium. Apparatus for the treatments of materials in grains or pieces, such as minerals, coals, and the like. 2,211,895; Aug. 20.
Hoyt, Ebenezer W. W., Baltimore, Md. Exhibition apparatus. 2,215,396; Sept. 17.
Hoyt, Frederick A., East Orange, N. J., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Coin collector. 2,204,083; June 11.
Hoyt, Hazen L., Great Neck, N. Y. Barrel manufacture. 2,187,804; Jan. 23.

Hoyt, Leroy W., Stamford, Conn. Humidifying valve. 2,227,137; Dec. 31.
Hoyt, Milton A., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Wire drawing method and machine. 2,187,785; Jan. 23.
Hoyt, Roy C., Duluth, Minn. Trailer brake system. 2,191,318; Feb. 20.
Hoyt, Roy C., Chicago, Ill. Fluid cooling system for brakes. 2,195,130; Mar. 26.
Hoza, John, Zlin, Czechoslovakia. Manufacture of cartons. 2,196,440; Apr. 9.
Hoza, John, Zlin, Czechoslovakia. Machine for performing nailing and like fastening operations. 2,198,308; Apr. 23.
Hoza, John, Zlin, Czechoslovakia. Machine for the ornamentation of welts. 2,204,993; June 18.
Hoza, John, Zlin, Czechoslovakia. Shank for footwear. 2,209,651; July 30.
Hoza, John, Zlin, Czechoslovakia. Machine for the manufacture of boots, shoes, and like articles of footwear. 2,213,913; Sept. 3.
Hoza, John, Zlin, Czechoslovakia. Machine for stamping out blanks. 2,213,914; Sept. 3.
Hoza, John, Zlin, Czechoslovakia. Rubber molding press. 2,221,742; Nov. 12.
Hranicka, Albert C., New Richmond, Wis. Floor cleaner. 2,226,817; Dec. 31.
Hromatka, Otto. (See Wolfes, O., and Hromatka.)
Huarte, Justo, Buenos Aires, Argentina. Tire protecting device. 2,191,392; Feb. 20.
Hubacher, Max, Valley Stream, assignor to Ex Lax, Inc., Brooklyn, N. Y. Producing phenolphthalein. 2,192,485; Mar. 5.
Hubacher, Max H., Valley Stream, and A. M. Matheson, Niagara Falls, N. Y., assignors to Niacet Chemicals Corporation. Purifying pentaerythritol. 2,223,421; Dec. 3.
Hubacker, Earl F., Highland Park, assignor to Borg-Warner Corporation. Electric motor. 2,187,033; Jan. 16.
Hubbard and Company. (See Kruse, John F. W., assignor.)
Hubbard and Company. (See Lancaster, William. assignor.)
Hubbard, Cecil R., assignor to The Garlock Packing Company, Palmyra, N. Y. Armored machinery packing. 2,194,942; Mar. 26.
Hubbard, Cecil R., assignor to The Garlock Packing Company, Palmyra, N. Y. Armored machinery packing. 2,194,943; Mar. 26.
Hubbard, Cecil R., assignor to The Garlock Packing Company, Palmyra, N. Y. Armored machinery packing. 2,194,944; Mar. 26.
Hubbard, Cecil R., assignor to The Garlock Packing Company, Palmyra, N. Y. Machinery packing. 2,202,908; June 4.
Hubbard and Company. (See Hocher, Andrew A., assignor.)
Hubbard, Don C., Auburn, Maine. Surface cleaner. 2,188,114; Jan. 23.
Hubbard, Elbert B., assignor to Williams Furniture Company, Sumter, S. C. Abrading wheel. 2,206,355; July 2.
Hubbard, Francis A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,204,759; June 18.
Hubbard, Francis A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical switching device. 2,218,711; Oct. 22.
Hubbard Ice and Fuel Company. (See Chadima, L. C., Ilten, and Johnson, assignors.)
Hubbard, Joseph C., Clinton, N. C. Motor vehicle safety apparatus. 2,194,390; Mar. 19.
Hubbard, Joseph G., Youngstown, Ohio. Open hearth valve. Re. 21,549; Sept. 3.
Hubbard Spool Company. (See Howsam, Hilyard C., assignor.)
Hubbard, William E., assignor to Hydraulic Pumper Incorporated, Tulsa, Okla. Split crank bearing. 2,185,917; Jan. 2.
Hubbard, William E., assignor to Hydraulic Pumper Incorporated, Tulsa, Okla. Safety valve. 2,211,656; Aug. 13.
Hubbard, William E., assignor to Hydraulic Pumper Incorporated, Tulsa, Okla. Fluid pump. 2,225,115; Dec. 17.
Hubbell, Allan C., Long Beach, Calif. Lock. 2,186,865; Jan. 9.
Hubbell, Bert D., Los Angeles, Calif., assignor to Spring Clutch Control, Inc., Bellingham, Wash. Transmission mechanism. 2,185,731; Jan. 2.
Hubbell, Daniel D. (See Houchin, Lowell L., assignor.)
Hubbell, Dean S., assignor to H. H. Robertson Company, Pittsburgh, Pa. Cementitious material. 2,218,679; Oct. 22.
Hubbell, George E., Detroit, Mich., and C. H. Scott, Norwalk, and G. M. Darby, Westport, Conn.; said Scott and said Darby assignors to The Dorr Company, Inc., New York, N. Y. Sedimentation. 2,205,199; June 18.
Hubbell, Harvey, Bridgeport, Conn. Wiring terminal for electrical fittings. 2,216,740; Oct. 8.
Hubbell, John P., Garden City, and L. Weisberg, New York, N. Y. Electrogalvanizing process. 2,200,987; May 14.
Hubbell, Minott P., Ashburnham, Mass. Drill chuck. 2,189,068; Feb. 6.
Hubbert, Leslie S. (See Ernst, W., and Hubbert.)
Hubbert, Leslie S., Edison, Ohio, assignor to The Hydraulic Press Corp. Inc., Wilmington, Del. Hydromechanical press. 2,204,413; June 11.
Hubbs, Henry E., assignor to The Shelby Spring Hinge Co., Shelby, Ohio. Self-closing hinge apparatus. 2,220,335; Nov. 5.
Hubbs, Henry E., assignor to The Shelby Spring Hinge Co., Shelby, Ohio. Door control device. 2,220,766; Nov. 5.
Hubbuch, Leo P., Springfield, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizable oils. 2,190,789; Feb. 20.
Hubeck, Charles, New York, N. Y. Hacksaw blade mounting. 2,213,841; Sept. 3.
Hubelmeyer, Edward J. (See Jung, A. H., and Hubelmeyer.)
Huber, Albert F. (See Cook, E., Huber, and Hewitt.)
Huber, Charles A., Philadelphia, Pa. Dispensing apparatus. 2,187,153; Jan. 16.
Huber, Emil. (See Meier, Karl H., assignor.)
Huber, Ernst, Zug, Switzerland, assignor to Landis & Gyr, A-G. Thermal safety device. 2,218,912; Oct. 22.
Huber, Fritz, assignor to Heinrich Lang A.-G., Mannheim, Germany. Internal combustion engine. 2,221,287; Nov. 12.
Huber, Hans. (See Bornemann, F., Huber, and Mengele.)
Huber, Hans. (See Mengele, H., and Huber.)
Huber, Harry W., Brookville, Pa. Drilling apparatus. 2,190,235; Feb. 13.
Huber, Horace H., assignor to C. A. Pipenhagen, Chicago, Ill. Auxiliary air control for carburetors. 2,207,152; July 9.
Huber, J. M., Corporation. (See Blackburn, Claude E., assignor.)
Huber, Jakob, Tuttlingen, Germany. Wedge for securing hammer heads or the like to their shafts. 2,201,681; May 21.
Huber, Louis J. (See Felt, C. E., and Huber.)
Huber, Matthew W., assignor to The Tuthill Pump Company, Chicago, Ill. Outlet control valve for fuel pumps. 2,212,833; Aug. 27.
Huber, Richard. (See Wolman, K., and Huber.)
Huber, William A., Belleville, Ill., assignor by mesne assignments, to Reconstruction Finance Corporation, St. Louis, Mo. Universal metal melting furnace. 2,188,539; Jan. 30.
Huber, William J., assignor to M. A. Bolton, Detroit, Mich. Internal combustion engine valve. 2,192,913; Mar. 12.
Hubert, Emil, Dessau in Anhalt, H. Pabst, Dormagen, near Cologne, and H. Hecht, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Spinning artificial threads. 2,190,265; Feb. 13.
Hubert, Emil, Dessau-Ziebigk, and H. Rein, Leipzig, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of materials resembling crepe. 2,213,125; Aug. 27.
Hubert, Emil, Dessau-Ziebigk, and R. Hofmann and H. Pabst, Dormagen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing articles from cellulose acetate. 2,218,029; Oct. 15.
Hubert, Franz E., Dessau, E. Heisenberg, Leipzig, and A. Steindorff and L. Orthner, Frankfort-on-the-Main, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Imparting hydrophobic properties to cellulose fibers. 2,211,976; Aug. 20.
Hübner, Gustav, and W. Friedrichs, Berlin, Germany. Compressible spraying receptacle. 2,207,294; July 9.
Hubner, William H. (See Murphy, G. B., and Hubner.)
Hübschmann, Max. (See Gerstenberger, B., Hübschmann, and Richter.)
Huck, Louis C., Grosse Pointe Village, Mich., assignor to Huxon Holding Corporation. Rivet setting mechanism. 2,223,449; Dec. 3.
Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Ink fountain for use in printing machines. 2,210,243; Aug. 6.
Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Marking, squeegeeing, and developing machine. 2,213,443; Sept. 3.
Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Intaglio plate printing machine. 2,223,368; Dec. 3.
Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Intaglio plate printing machine. 2,223,369; Dec. 3.
Hucks, Robert T., South River, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,191,530; Feb. 27.
Hucks, Robert T., South River, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dispersing pigments. 2,212,641; Aug. 27.
Hudes, Frederick, Kew Gardens, N. Y. Tobacco pipe. 2,200,393; May 14.
Hudgings, Daniel W., Jr., Tampa, Fla., assignor of two-fifths to E. N. Williams, Washington, D. C. Sun visor. 2,207,668; July 9.

Hudson, Claude S., Washington, D. C., N. K. Richtmyer, Greene County, N. Y., and R. M. Hann, Washington, D. C., assignors to the Government of the United States as represented by the Secretary of the Treasury, and his successors. Production of d-altronic acid and its salts from sedoheptulose. 2,207,738; July 16.

Hudson, David W., Green Bay, Wis. Tire chain tool. 2,212,267; Aug. 20.

Hudson, Edwin B., Middletown, Ohio. Internal combustion engine. 2,196,071; Apr. 2.

Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Self-cleaning hydraulic spray device. 2,188,354; Jan. 30.

Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Tempering sheet metal. 2,190,986; Feb. 20.

Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Butt welding machine. 2,204,858; June 18.

Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Strip gauging device. 2,211,657; Aug. 13.

Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Gauge and camber control. 2,211,658; Aug. 13.

Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Apparatus for determining operating conditions in tandem trains of rolling mills. 2,212,738; Aug. 27.

Hudson, George R., London, England, assignor to Ditto, Incorporated, Chicago, Ill. Rotary duplicating machine. 2,216,591; Oct. 1.

Hudson, H. D., Manufacturing. (See Mayer, John, assignor.)

Hudson, H. D., Manufacturing Company. (See Oys, John E., assignor.)

Hudson, James H. (See Sheppard, S. E., and Hudson.)

Hudson Motor Car Company. (See Badertscher, Dana K., assignor.)

Hudson Motor Car Company. (See Greig, James W., assignor.)

Hudson-Motor Car Company. (See Pavlecka, J., and Badertscher, assignors.)

Hudson, Robert. (See Hamilton, R., and Hudson.)

Hudson, Willis F., Riverside, Ill., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,218,169; Oct. 15.

Huebner, Samuel A., Forest Junction, Wis. Service signal equipment. 2,188,948; Feb. 6.

Huebner, William C., New York, N. Y. High intensity lighting means. 2,210,537; Aug. 6.

Huebner, William C., New York, N. Y. Process of and apparatus for printing. 2,224,391; Dec. 10.

Huebotter, Earl E. (See Hayward, J. T., and Huebotter.)

Huebotter, Earl E., Tulsa, Okla., assignor to National Lead Company. Method and apparatus for filtering and dehydrating drilling mud. 2,218,533; Oct. 22.

Huebsch Manufacturing Company. (See Huebsch, Monte F., assignor.)

Huebsch, Monte F., assignor to Huebsch Manufacturing Company, Milwaukee, Wis. Clutch coupling. 2,209,774; July 30.

Hueglin, Herman C., assignor to Airmaster Corporation, Chicago, Ill. Window ventilator. 2,193,284; Mar. 12.

Hueglin, William, Jr., Tenafly, N. J. Partition clip. 2,207,515; July 9.

Huehn, Werner, and W. Haufe, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Water-soluble basic aluminum compounds. 2,196,016; Apr. 2.

Huels, Robert H., Roanoke, Va., assignor to Puritan Mills, Inc. Sleeping and lounging garment. 2,188,265; Jan. 23.

Huelsdonk, Lewis L., Forest, Calif. Automatic circuit breaker for stop lights. 2,185,732; Jan. 2.

Huenergarde, Floyd L., Detroit, Mich. Adjustment mechanism. 2,193,098; Mar. 12.

Huenlich, Charles, Bloomfield, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Sound listening device. 2,215,585; Sept. 24.

Huenlich, Charles, Bloomfield, and H. F. M. Gramann, Orange, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,220,334; May 14.

Huennekens, Alphonse V. (See Hansen, K. L., and Huennekens.)

Huerta, Raymond, Bronx, and A. Grendanin, New York, N. Y. Apparatus for developing films without a dark room. 2,188,299; Jan. 30.

Huesby, Elmer E., Los Angeles, Calif. Diesel engine combustion chamber. 2,206,322; July 2.

Huesing, Adolph, Passaic, N. J. Cigarette dispenser. 2,189,954; Feb. 13.

Huet, André, Paris, France. Combined radiator and air deflector. 2,216,111; Oct. 1.

Hueter, Richard, R. Neu, and H. J. Engelbrecht, Dessau-Rosslau in Anhalt, Germany, assignors, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Manufacture of aqueous solutions of phenol, its homologues and derivatives. 2,191,405; Feb. 20.

Huettemann, Fritz. (See Day, W. M., and Huettemann.)

Huettenrauch, Chester A., Chicago, Ill. Ash tray support. 2,217,553; Oct. 8.

Huey, George W., Frazeysburg, assignor of one-fifth to L. H. Wise, one-fifth to J. R. Harker, one-fifth to C. J. Wittlinger, and one-fifth to G. R. Haub, Zanesville, Ohio. Railway ballast grader. 2,209,732; July 30.

Huff, Chirle. (See Huff, William, assignor.)

Huff, Clayton W., Ann Arbor, Mich. Hanger. 2,212,524; Aug. 27.

Huff, Cuthbert E., Liberty, Mo. Safety device for low pressure vessels. 2,225,220; Dec. 17.

Huff, Edward I., Philadelphia, assignor to Huff Equipment Company, Pittsburgh, Pa. Apparatus for treating metal sheets. 2,195,816; Apr. 2.

Huff Equipment Company. (See Huff, Edward I., assignor.)

Huff, Evelyn D. L., and H. K. Olson, Mandan, N. Dak. Container for melting and pouring paraffin. 2,187,082; Jan. 16.

Huff, Guy D., Plus, W. Va. Rotary file. 2,200,421; May 14.

Huff, George R., Saskawa, Okla. Self-lubricating stuffing box for oil wells. 2,199,725; May 7.

Huff, Gilbert L., Chicago, assignor to Rock Island Sash and Door Works, Rock Island, Ill. Balancing window sashes. 2,226,721; Dec. 31.

Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,212,023; Aug. 20.

Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,218,578; Oct. 22.

Huff, William, assignor to C. Huff, Asheville, N. C. Bicycle guard. 2,194,660; Mar. 26.

Huffaker, Lillian Y., Los Angeles, Calif. Informative barrel for pencils, pens, or the like. 2,191,662; Feb. 27.

Huffer, Johnie C., Sadler, Tex. Nut lock. 2,194,020; Mar. 19.

Hufferd, George H., and M. P. Graham, Detroit, Mich., assignors to Thompson Products, Incorporated, Cleveland, Ohio. Drag link body and making same. 2,202,909; June 4.

Hufferd, George H., and M. P. Graham, Detroit, Mich., assignors to Thompson Products, Incorporated, Cleveland, Ohio. Sealed lubricated joint. 2,211,817; Aug. 20.

Huffman, Clyde C. (See Koch, A. N., and Huffman.)

Huffman, Mervin C., Denver, Colo., assignor to Gardner-Denver Company, Quincy, Ill. Rotation mechanism for rock drills. 2,208,098; July 16.

Huffman, Russell I., Dover, Ohio, assignor to Knapp-Monarch Company, St. Louis, Mo. Handle structure for sadirons and the like. 2,190,361; Feb. 13.

Huffman, Russell I., Dover, Ohio, assignor to Knapp-Monarch Company, St. Louis, Mo. Split handle structure for sadirons. 2,201,491; May 21.

Huffman, Russell I., Dover, Ohio, assignor to Knapp-Monarch Company, St. Louis, Mo. Sadiron structure. 2,207,669; July 9.

Huffman, Samuel A., Ben Avon, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Machine construction. 2,185,998; Jan. 9.

Huffman, Samuel A., J. Sinkovitz, and A. A. Saul, Pittsburgh, Pa. Sheet delivery mechanism. 2,195,533; Apr. 2.

Huffman, William E., and G. W. Replogle, Dayton, Ohio. Heating apparatus for aircraft or the like. 2,220,108; Nov. 5.

Hug, Fred E., Milwaukee, Wis. Tobacco pipe reamer. 2,227,188; Dec. 31.

Hug, Rudolph, West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Yarn holding device for knitting machines. 2,201,092; May 14.

Hügel, Helmut, Campina, Rumania, assignor to Shell Development Company, San Francisco, Calif. Borehole temperature measuring device. 2,213,802; Sept. 3.

Hügel, Helmut, Campina, Rumania, assignor to Shell Development Company, San Francisco, Calif. Spring mechanism for oil well devices. 2,216,554; Oct. 1.

Hügel, Helmut, Campina, Rumania, assignor to Shell Development Company, San Francisco, Calif. Borehole pressure gauge. 2,223,786; Dec. 3.

Hugenholtz, Jan B. (See Gall, B. O. M., and Hugenholtz.)

Huggins, Benjamin F. (See Gaut, G. C., and Huggins.)

Huggins, Benjamin F. (See Gaut, G. C., Phillips, and Huggins.)

Huggins, Gerald E., assignor of one-half to D. S. Nusbaum, Kalamazoo, Mich. Valve grinding gauge. 2,217,952; Oct. 15.

Huggins, Leroy G., Mahsfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,185,198; Jan. 2.

Huggins, Owen R., South Norwalk, Conn., assignor to Linotone Corporation. Creating a marginally reduced reproduction of a design. 2,191,483; Feb. 27.

Huggins, Owen R., South Norwalk, Conn., assignor to Linotone Corporation. Establishing bleed lines on printing surfaces. 2,216,882; Oct. 8.

Huggins, Robert G. (See Wynn, G. E., and Huggins.)

Hughes, Arthur C., Dallas, Tex. Refrigerating apparatus. 2,217,253; Oct. 8.

Hughes, Arthur J., et al. (See Sproule, Donald O., assignor.)

Hughes, Arthur J., Chigwell Row, assignor of one-half to Henry Hughes & Son Limited, London, England. Apparatus for depth measurement by echo reception methods. 2,212,604; Aug. 27.

Hughes Autograf Brush Co. (See Jensen, Niels W., assignor.)
Hughes, Burton S., assignor to Zaremba Company, Buffalo, N. Y. Crystallizing evaporator. 2,207,347; July 9.
Hughes, Charles, assignor to Milwaukee Saddlery Company, Milwaukee, Wis. Toy. 2,223,174; Nov. 26.
Hughes, Charles G., assignor to Biggs and Company, Wichita Falls, Tex. Apparatus for conditioning cotton. 2,210,319; Aug. 6.
Hughes, Claude A., High Point, N. C. Studio couch. 2,209,922; July 30.
Hughes, Dollie. (See Fouke, George W., assignor.)
Hughes, Don E., Wayland, Mich. Crushing and grinding machine. 2,227,090; Dec. 31.
Hughes, Edward R., Morristown, N. J., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Abrasive blast machine. 2,204,596; June 18.
Hughes, Eric C., et al. (See Hughes, Jennie C., assignor.)
Hughes, Eric C., et al. (See Slee, Arthur L., assignor.)
Hughes, Everett C. (See Burk, R. E., and Hughes.)
Hughes, Everett C., assignor to The Standard Oil Company, Cleveland, Ohio. Oilproof material. 2,199,224; Apr. 30.
Hughes, Everett C., assignor to The Standard Oil Company, Cleveland, Ohio. Treatment of sodium hydroxide. 2,211,695; Aug. 13.
Hughes, Everett C., assignor to The Standard Oil Company, Cleveland, Ohio. Laminated cellulosic material. 2,223,240; Nov. 26.
Hughes, Frederick G., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Brake. 2,199,997; May 7.
Hughes, Frederick G., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Axle and bearing construction. 2,206,323; July 2.
Hughes, Harry C., Cincinnati, Ohio. Method of and device for starting internal combustion engines. 2,214,276; Sept. 10.
Hughes, Henry, & Son Limited. (See Hughes, Arthur J., assignor.)
Hughes, Henry, & Son Limited. (See Mackenzie, Edward B. D., assignor.)
Hughes, Henry, & Son Limited, et al. (See Sproule, Donald O., assignor.)
Hughes, Hugh T., assignor of one-half to H. Lorig, Cleveland, Ohio. Tire of the type adapted to be used on automobiles and various vehicles. 2,197,662; Apr. 16.
Hughes, James D., assignor to Oil Well Engineering Company, Houston, Tex. Straight hole bit. 2,186,725; Jan. 9.
Hughes, James D., Dallas, Tex., assignor of one-half to Eastman Oil Well Survey Corporation of California, and one-half to Eastman Oil Well Survey Company of Delaware. Knuckle anchor for whipstocks. 2,196,528; Apr. 9.
Hughes, James D., Dallas, Tex., assignor of one-half to Eastman Oil Well Survey Corporation of California and one-half to Eastman Oil Well Survey Company of Delaware. Expanding foot piece for whipstocks. 2,207,920; July 16.
Hughes, Jennie C., et al. (See Slee, Arthur L., assignor.)
Hughes, Jennie C., assignor of one-third to E. C. Hughes and one-third to M. B. Hughes, West Sacramento, Calif. Evacuator. 2,212,863; Aug. 27.
Hughes, Jennie C., assignor of one-third to E. C. Hughes and one-third to M. B. Hughes, West Sacramento, Calif. Evacuator. 2,214,374; Sept. 10.
Hughes, John, Rochdale, England. Jockey pulley. 2,204,084; June 11.
Hughes, John M., Youngstown, Ohio, and S. W. Russell and G. S. Warren, Sharon, Pa. Apparatus for scrubbing and polishing strip metal. 2,218,913; Oct. 22.
Hughes, John R., Boston, Mass. Convertible car for railway and highway use. 2,188,096; Jan. 23.
Hughes, Maxwell B., et al. (See Hughes, Jennie C., assignor.)
Hughes, Maxwell B., et al. (See Slee, Arthur L., assignor.)
Hughes, Robert H. S., assignor of one-half to M. Roberts, Baltimore, Md. Device for varying the amount of recoil in firearms. 2,191,484; Feb. 27.
Hughes, Robert H. S., assignor of one-half to M. Roberts, Baltimore, Md. Device for recoil control. 2,192,081; Feb. 27.
Hughes, Robert H. S., assignor of one-half to M. Roberts, Baltimore, Md. Apparatus for controlling recoil. 2,206,567; July 2.
Hughes, Robert H. S., assignor of one-half to M. Roberts, Baltimore, Md. Recoil control device. 2,206,568; July 2.
Hughes, Robert H. S., assignor of one-half to M. Roberts, Baltimore, Md. Control for recoil. 2,212,683; Aug. 27.
Hughes, Robert H. S., assignor of one-half to M. Roberts, Baltimore, Md. Recoil controlling device. 2,212,684; Aug. 27.
Hughes, Robert H. S., assignor of one-half to M. Roberts, Baltimore, Md. Control device for control of recoil. 2,212,685; Aug. 27.
Hughes, Robert H. S., assignor of one-half to M. Roberts, Baltimore, Md. Recoil construction. 2,212,686; Aug. 27.
Hughes, Robert H. S., assignor of one-half to M. Roberts, Baltimore, Md. Recoil device for machine guns. 2,212,687; Aug. 27.
Hughes, Samuel B., Omaha, Nebr., assignor to American Telephone and Telegraph Company. Signal measuring system. 2,189,111; Feb. 6.
Hughes, Thomas R., assignor to American Air Filter Company, Inc., Louisville, Ky. Air filter loader. 2,188,572; Jan. 30.
Hughes Tool Company. (See Baggett, Henry T., assignor.)
Hughes Tool Company. (See Payne, Lyle L., assignor.)
Hughes Tool Company. (See Schlumpf, Robert W., assignor.)
Hughes Tool Company. (See Scott, Floyd L., assignor.)
Hughes Tool Company. (See Strader, Harold L., assignor.)
Hughes, Walter J., assignor to Infilco, Inc., Chicago, Ill. Program control. 2,217,751; Oct. 15.
Hughes, Walter J., assignor to International Filter Co., Chicago, Ill. Coagulation. 2,223,764; Dec. 3.
Hughes, William A., et al. (See Losier, George E., assignor.)
Hughey, Carter J., assignor to Eastman Kodak Company, Rochester, N. Y. Ratchet footage indicator for motion picture apparatus. 2,186,926; Jan. 9.
Hughey, Carter J., assignor to Eastman Kodak Company, Rochester, N. Y. Film developing tank. 2,186,927; Jan. 9.
Hughey, Carter J., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic enlarger. 2,213,735; Sept. 3.
Hughey, Carter J., assignor to Eastman Kodak Company, Rochester, N. Y. Double exposure prevention device. 2,218,241; Oct. 15.
Hugon, Jean J., Paris, France, assignor to Compagnie Generale de Telegraphic Sans Fil. Pulse phasing apparatus. 2,208,422; July 16.
Hugus, Neil C., Jackson, Mich., assignor to Argus Manufacturing Corporation, Cleveland, Ohio. Alternating current rectifying circuit. 2,188,436; Jan. 30.
Huhn, Edgar F. (See Eek, A. C., and Huhn.)
Huhn, Gustav, Berlin-Tempelhof, Germany. Stuffing-box packing. 2,212,500; Aug. 27.
Huhn, Leroy C. G. (See Garrison, G. M., Huhn, and Allison.)
Huisman, Philippus H. (See Dawson, R. D., and Huisman.)
Huisman, Philippus H., Pangkalan Brandan, Dutch East Indies, assignor to Shell Development Company, San Francisco, Calif. Nonaqueous drilling fluids. 2,220,681; Nov. 5.
Huismann, Johann, Leverkusen-Wiesdorf, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Manufacture of aromatic sulphones. 2,224,964; Dec. 17.
Hukill, Henry D., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,212,918; Aug. 27.
Hulbert, Edward A. (See Meyer, A. J., and Hulbert.)
Hulbert, John L., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Milking machine pulsator. 2,211,123; Aug. 13.
Hulbert, Reed O., Ashtabula, Ohio. Creeper. 2,210,585; Aug. 6.
Hulburt, Ray E. (See Strano, P., and Hulburt.)
Hulfish, David S. (See Kleinschmidt, E. E., and Hulfish.)
Hulfish, David S., assignor to Teletype Corporation, Chicago, Ill. Station selection by printer selector. 2,211,232; Aug. 13.
Hulin, Lynford S., Nyack, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Earpiece. 2,204,183; June 11.
Hull, Albert W., Schenectady, N. Y., assignor to General Electric Company. Thermionic cathode structure. 2,201,730; May 21.
Hull, Albert W., Schenectady, N. Y., assignor to General Electric Company. Discharge tube electrode assembly. 2,201,731; May 21.
Hull, Carl M., assignor to Standard Oil Company, Chicago, Ill. Olefin separation. 2,190,025; Feb. 13.
Hull, Carl M., assignor to Standard Oil Company, Chicago, Ill. Motor fuel. 2,199,132; Apr. 30.
Hull, Carl M., and F. H. Blunck, assignors to Standard Oil Company, Chicago, Ill. Gasoline production. 2,196,831; Apr. 9.
Hull-Dobbs Enterprises. (See Weatherford, Joseph H., assignor.)
Hull, George E., and J. G. Christhilf, Baltimore, Md., assignors of one-half to Fred L. Hall, Bergen County, N. J. Vehicle velocity change testing. 2,186,676; Jan. 9.
Hull, Harry B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,214,057; Sept. 10.
Hull, Harry B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,224,819; Dec. 10.
Hull, Harry B., and A. A. McCormack, assignors to General Motors Corporation, Dayton, Ohio. Rotary compressor for refrigerating apparatus. 2,193,250; Mar. 12.
Hull, Herbert H. (See Garland, I. W., Hull, and Seaton.)
Hull, Howard L., Anderson, Ind. Tire pressure indicator switch. 2,215,153; Sept. 17.

Hull, Matthew R. (See Greene, J. G., and Hull.)
Hull, Richard O., Lakewood, assignor to E. I du Pont de Nemours & Company, Wilmington, Del. Electroplating. 2,196,588; Apr. 9.
Hull, Richard O., Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electrodeposition of zinc. 2,214,331; Sept. 10.
Hull, Robert W., Connersville, Ind., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Refrigerator cabinet construction. 2,208,795; July 23.
Hull, Wilson R., Mamaroneck, assignor to American Can Company, New York, N. Y. Blank shearing machine. 2,196,168; Apr. 2.
Hull, Wilson R., Mamaroneck, assignor to American Can Company, New York, N. Y. Scroll shear die. 2,213,220; Sept. 3.
Hullegård, Erik W., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Automatic telephone system. 2,212,177; Aug. 20.
Hullinger, Charles K., assignor to R. Dunbar, receiver of The Ridgely Trimmer Company, Springfield, Ohio. Straightedge. 2,214,999; Sept. 17.
Hulscher, Harold T., Battle Creek, Mich. Foldable device. 2,212,938; Aug. 27.
Hulse, Robert E. (See Hardy, R. L., and Hulse.)
Hulse, Robert E., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electrolytic fused bath. 2,224,820; Dec. 10.
Hulse, Robert E., and V. L. Hansley, Niagara Falls, and H. G. Laughlin, Tonawanda, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Fused salt electrolysis cell. 2,194,444; Mar. 19.
Hulshizer, Joseph L., Stewartsville, assignor to Ingersoll-Rand Company, Jersey City, N. J. Controlling device. 2,195,488; Apr. 2.
Hulslander, Ray D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Balancing apparatus. 2,220,404; Nov. 5.
Hulsmann, Johannes D. (See Chase, F. C., and Hulsmann.)
Hulst, Clarence P., New York, N. Y. Emergency exit light. 2,213,584; Sept. 3.
Hultberg, Levi M. (See Jones, J. R., Gronberg, and Hultberg.)
Hultberg, Walter R., assignor to Corry-Jamestown Manufacturing Corporation, Corry, Pa. Drawer suspension. 2,199,260; Apr. 30.
Hultene Rubber Corporation, The. (See Hultman, Edgar W., assignor.)
Hultgren, Axel G. E., Djursholm, Sweden. Producing malleable iron. 2,185,894; Jan. 2.
Hultgren, Otto E. (See Howland, G. K., and Hultgren.)
Hultgren, Rudolph C. (See Isenberg, S., and Hultgren.)
Hultin, Oscar H., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Carton. 2,186,109; Jan. 9.
Hultman, Edgar W., Larchmont, assignor to The Hultene Rubber Corporation, New York, N. Y. Producing rubberlike compositions from petroleum hydrocarbons. 2,209,333; July 30.
Hultquist, Earl F. (See Petzoldt, Hugo, assignor.)
Human, Alonzo D., San Bernardino, Calif. Adjustable cushion form. 2,212,739; Aug. 27.
Humason, Granville A., and W. J. Clay, Houston, Tex.; said Clay assignor to said Humason. Pressure sampling device. 2,199,225; Apr. 30.
Humason, Granville A., and W. J. Clay, Houston, Tex. Well tester. 2,222,829; Nov. 26.
Humason, Harris M. (See Carlson, Axel S., assignor.)
Humbard, Anne. (See Humbard, Robert L.)
Humbard, Robert L., deceased, Palm Springs, Calif., assignor, by order of court, to A. Humbard, widow. Beverage measuring and dispensing device. 2,216,347; Oct. 1.
Humberstone, Joseph H. (See Rasmussen, T. J., and Humberstone.)
Humbert, Ralph. (See Humbert, Wilbur E., assignor.)
Humbert, Wilbur E., Eastside, Oreg., assignor of one-half to R. Humbert. Plow lift. 2,221,935; Nov. 19.
Humby, Albert M., J. A. Smale, and E. G. Copper, assignors to Cable and Wireless Limited, London, England. Wireless telegraph system. 2,211,750; Aug. 20.
Hume, George M. (See Hess, Elmer M., assignor.)
Hume, Horace D., and J. E. Love, Garfield, Wash. Harvester reel. 2,212,878; Aug. 27.
Hume, Horace D., and J. E. Love, Garfield, Wash. Harvesting machine. 2,215,178; Sept. 17.
Hume, Horace D., and J. E. Love, assignors to Hume-Love Company, Garfield, Wash. Harvester. Re. 21,604; Oct. 22.
Hume, John T., Gulfport, Miss., assignor to Electric Household Utilities Corporation, Chicago, Ill. Cabinet washing machine. Re. 21,409; Mar. 26.
Hume-Love Company. (See Hume, H. D., and Love, assignors.)
Hume, Walter R., Melbourne, Victoria, Australia. Centrifugal pipe molding machine. 2,222,889; Nov. 26.
Humer, Frank. (See Solomon, H. D., and Humer.)
Humeston, Frederick L., New Haven, Conn., assignor, by mesne assignments, to Western Cartridge Company. Switch. 2,185,849; Jan. 2.
Humfeld, Harry. (See Elmquist, R. E., Humfeld, and Kettering.)
Humfeld, Harry, and J. H. Kettering, Arlington, Va., and R. E. Elmquist, Washington, D. C., dedicated to the free use of the People of the United States of America. Protecting materials of keratin composition. 2,204,360; June 11.
Humidex Corporation. (See Urquhart, Norman J., assignor.)
Hummel, Charles, Niederuzwil, assignor to Gebrüder Bühler, Uzwil, Switzerland. Production of egg-flour paste articles. 2,223,687; Dec. 3.
Hummel, Ralph D., (See Scott, A. B., Hummel, Tullar, and Wainwright.)
Hummel, Wellington R., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Container. 2,192,686; Mar. 5.
Humoco Corporation. (See Moore, George A., assignor.)
Humphner, Ferdinand W., Oak Park, Ill., assignor to Mid-States Gummed Paper Co. Decalcomania. 2,185,983; Jan. 2.
Humphner, Ferdinand W., Oak Park, assignor to Mid-States Gummed Paper Co., Chicago, Ill. Decalcomania. 2,190,405; Feb. 13.
Humphner, Ferdinand W., Oak Park, assignor to Mid-States Gummed Paper Co., Chicago, Ill. Stamp and method of forming. 2,205,956; June 25.
Humphner, Ferdinand W., Oak Park, Ill., assignor, by mesne assignments, to Mid-States Gummed Paper Company. Decalcomania. 2,219,071; Oct. 22.
Humphner, Ferdinand W., Oak Park, assignor to Mid-States Gummed Paper Co., Chicago, Ill. Tax label. 2,223,106; Nov. 26.
Humphner, Ferdinand W., Oak Park, Ill., assignor, by mesne assignments, to Mid-States Gummed Paper Company. Decalcomania. 2,225,536; Dec. 17.
Humphrey, Arthur A., and A. G. Jordan, assignors to Jordan Surgical Appliances Co., Battle Creek, Mich. Heating device. 2,220,043; Oct. 29.
Humphrey, Bingham J. (See Dunbrook, R. F., and Humphrey.)
Humphrey, Dee E., Dallas, Tex. Speed reduction mechanism. 2,206,958; July 9.
Humphrey, Dudley S. (See Humphrey, Harvey J., assignor.)
Humphrey, Harvey J., Euclid Beach Park, assignor of one-half to D. S. Humphrey, Euclid Beach, Ohio. Breakwater. 2,191,924; Feb. 27.
Humphrey, Homer D., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Brake mechanism. 2,226,662; Dec. 31.
Humphrey, Howard C. (See Raney, C. L., and Humphrey.)
Humphrey, Irvin W., and J. N. Borglin, assignors to Hercules Powder Company, Wilmington, Del. Maleic anhydride-rosin ester products and producing. 2,197,046; Apr. 16.
Humphrey, Irvin W., and J. N. Borglin, assignors to Hercules Powder Company, Wilmington, Del. Coating composition. 2,197,047; Apr. 16.
Humphrey, Irvin W., and J. N. Borglin, assignors to Hercules Powder Company, Wilmington, Del. Composition of matter and producing. 2,197,048; Apr. 16.
Humphrey, Irvin W., and J. N. Borglin, assignors to Hercules Powder Company, Wilmington, Del. Reaction product of maleic anhydride with a furfuryl ester of a hydrogenated rosin acid, and producing. 2,197,049; Apr. 19.
Humphrey, Mamie, et al. (See Humphrey, Pius B., assignor.)
Humphrey, Pius B., La Plata, Mo., assignor of one-third to B. White, Jr., Neodesha, Kans., and one-third to M. Humphrey, La Plata, Mo. Mower. 2,194,752; Mar. 26.
Humphrey, Rogers I., assignor to Moulding Patents Inc., Indianapolis, Ind. Apparatus for producing weakened scored portions in strip material. 2,222,842; Nov. 26.
Humphrey, Stanley M., assignor to Taylor-Winfield Corporation, Warren, Ohio. Welding apparatus. 2,224,821; Dec. 10.
Humphrey, Walter E., Jeannette, Pa. Fluid flow meter. 2,210,081; Aug. 6.
Humphrey, Walter E., Jeannette, Pa., assignor to Pennsylvania Rubber Company. Rubber-extruding apparatus. 2,218,751; Oct. 22.
Humphreys, Church G., Volant, Pa. Automatic coupler for mine cars. 2,194,455; Mar. 19.
Humphreys, Edwin S. (See Forshee, J. K., Humphreys, and Hasney.)
Humphreys, Frank, Klerksdorp, Union of South Africa. Goniometric device for determining the dip and strike of strata from bore-core. 2,186,677; Jan. 9.
Humphreys, Frank, Klerksdorp, Transvaal, Union of South Africa. Bore-hole surveying instrument. 2,190,790; Feb. 20.
Humphreys, Marion W. (See McWhorter, J. F., and Humphreys.)
Humphreys, Marion W., Rochester, N. Y. Transformer. 2,191,393; Feb. 20.
Humphreys, Marion W., Euclid, Ohio. Electric motor. 2,196,072; Apr. 2.
Humphreys, Marion W., Rochester, assignor, by mesne assignments, to Seaboard Commercial Corporation, New York, N. Y. Universal joint. 2,212,068; Aug. 20.
Humphreys, Robert L. (See Farrington, B. B., and Humphreys.)

Humphreys, Robert L. (See Holm, M. M., Oakley, and Humphreys.)
Humphreys, Robert L. (See Kavanagh, F. W., Borsoff, and Humphreys.)
Humphreys, Robert L., and V. N. Borsoff, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded lubricant. 2,204,597; June 18.
Humphreys, Robert L., and V. N. Borsoff, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded lubricating oil. 2,204,598; June 18.
Humphries, William O., assignor of one-half to Bry-Block Mercantile Corporation, Memphis, Tenn. Carrier rack or holder. 2,208,295; July 16.
Humphries, Horace E., Blackheath, London, assignor to Siemens Brothers & Company, Limited, London, England. Statistical apparatus. 2,194,072; Mar. 19.
Humrichouse, Walter E., assignor of one-half to J. C. Ullrich, Hagerstown, Md. Rotary motor. 2,196,675; Apr. 9.
Hund, Ernest A., assignor to The Beardsley & Piper Company, Chicago, Ill. Mulling apparatus. 2,200,825; May 14.
Hund, Mildred A., et al. (See Pagliaroni, John V., assignor.)
Hund, Walter J., and S. B. Thomas, Oakland, and D. B. Luten, Jr., Berkeley, assignors to Shell Development Company, San Francisco, Calif. Recovering alkyl phenols from petroleum oils. 2,203,217; June 4.
Hundt, Willi, and H. Baier, assignors to Deutsche Gold und Silber Scheideanstalt, Frankfort-on-the-Main, Germany. Bleaching artificial textile fibers. 2,194,358; Mar. 19.
Hunicke, Paul A., Fort Madison, Iowa. Repelling device. 2,192,082; Feb. 27.
Hunlock, William W., Toledo, Ohio, assignor to The Gerity-Adrian Mfg. Co., Adrian, Mich. Stripping copper plate. 2,215,507; Sept. 24.
Hunna, Emerich. (See Lilienfeld, Leon.)
Hünnebeck, Emil M., Dusseldorf, Germany. Space-closing supporting structure. 2,186,296; Jan. 9.
Hünnebeck, Emil, Dusseldorf, Germany. Space enclosing supporting structure. 2,186,297; Jan. 9.
Hunnicutt, Emory S., Franklin, N. C. Map or document file. 2,196,557; Apr. 9.
Hunsberger, Charles M. (See Floyd, Leland H., assignor.)
Hunsicker, Clyde L., San Francisco, Calif. Adjustable chair. 2,216,348; Oct. 1.
Hunt, C. Howard, Pen Company. (See Bartol, George E., Jr., assignor.)
Hunt, C. Howard, Pen Co. (See Kolb, John G., assignor.)
Hunt, C. Howard, Pen Co. (See Wetterstrand, Knut O. G., assignor.)
Hunt, Franklin B., assignor to The Liquid Carbonic Corporation, Chicago, Ill. Compressor. 2,205,793; June 25.
Hunt, George, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Clutch driven plate. 2,201,339; May 21.
Hunt, George, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Clutch. 2,201,340; May 21.
Hunt, George, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Clutch driven plate. 2,222,507; Nov. 19.
Hunt, George, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Clutch. 2,222,508; Nov. 19.
Hunt, George H., Detroit, Mich., assignor, by mesne assignments, to Detroit Hydrostatic Brake Corporation. Master cylinder. 2,188,355; Jan. 30.
Hunt, George H., Detroit, Mich., assignor to Borg-Warner Corporation. Braking mechanism. 2,191,716; Feb. 27.
Hunt, George H., Detroit, Mich., assignor, by mesne assignments, to Detroit Hydrostatic Brake Corporation. Wheel construction. 2,196,990; Apr. 16.
Hunt, Helen C. (See Cavey, C. A., Copin, Hill, and Hunt.)
Hunt, J Harold. (See Horn, H. J., and Hunt.)
Hunt, J Harold, assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,200,361; May 14.
Hunt, J Harold, assignor to Motor Wheel Corporation, Lansing, Mich. Making fasteners. 2,213,813; Sept. 3.
Hunt, J Harold, and H. J. Horn, assignors to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,205,653; June 25.
Hunt, J Harold, and H. J. Horn, assignors to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,217,116; Oct. 8.
Hunt, James K. (See Bolton, E. K., and Hunt.)
Hunt, James K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition. 2,220,451; Nov. 5.
Hunt, Laurence A. (See Calkins, C. C., and Hunt.)
Hunt, Laurence A., and C. C. Calkins, assignors to Calkins Manufacturing Company, Spokane, Wash. Grain separator. 2,214,277; Sept. 10.
Hunt, Myron E., Indianapolis, Ind. Cemetery vase. 2,190,424; Feb. 14.
Hunt, Paul B. (See Ehinger, Carl F., assignor.)
Hunt, Rodney, Machine Company. (See Simonds, Warren J., assignor.)
Hunt, Scott F., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,215,614; Sept. 24.
Hunt, Seymour, Jackson Heights, N. Y., assignor to Radio Corporation of America. Signal rectifier circuits. 2,189,313; Feb. 6.
Hunt, Seymour, Jackson Heights, N. Y., assignor to Radio Corporation of America. Degenerative audio detector circuit. 2,194,552; Mar. 26.
Hunt, Seymour, Jackson Heights, Long Island, N. Y., assignor to Radio Corporation of America. Phase inversion circuits. 2,214,614; Sept. 10.
Hunt, Seymour, Jackson Heights, Long Island, N. Y., assignor to Radio Corporation of America. Degenerative plate circuit detector. 2,217,277; Oct. 8.
Hunt, Seymour, Jackson Heights, N. Y., assignor to Radio Corporation of America. Detector circuit. 2,226,932; Dec. 31.
Hunt, Thomas N. (See Miller, Melvin G., assignor.)
Hunt, William C., assignor to Hercules Powder Company, Wilmington, Del. Identification tag. 2,209,162; July 23.
Hunt, William C., assignor to Hercules Powder Company, Wilmington, Del. Lead wires for firing devices. 2,278,170; Oct. 15.
Hunt, Wilson P., assignor to Moline Tool Company, Moline, Ill. Boring machine. 2,195,861; Apr. 2.
Hunter, Beatrice, Montreal, Quebec, Canada. Portable beach stand. 2,195,391; Mar. 26.
Hunter, Chester O., San Anselmo, assignor of one-half to P. S. Davies, San Francisco, Calif. Reverse lock for vehicles. 2,215,586; Sept. 24.
Hunter, Chester O., San Anselmo, assignor of one-half to P. S. Davies, San Francisco, Calif. Reverse lock for vehicles. 2,221,190; Nov. 12.
Hunter, Clarence C. (See Moore, H. B., and Hunter.)
Hunter, Frank B. (See Browne, K. A., and Hunter.)
Hunter, Frederick L., Jr. (See Balke, C. W., Hunter, and Haskell.)
Hunter, Frederick L., Jr., Lake Bluff, assignor to Fansteel Metallurgical Corporation, North Chicago, Ill. Liquid level indicator and/or control. 2,213,961; Sept. 10.
Hunter, Garniss W., Columbus, Ohio. Telephone secretary. 2,216,195; Oct. 1.
Hunter, Henry G., Ste. Anne de Bellevue, Quebec, Canada, assignor of one-half to The Dorr Company, Inc., New York, N. Y. Apparatus for treating sewage and the like. 2,197,725; Apr. 16.
Hunter, Henry M., New York, N. Y., assignor to Goslin-Birmingham Manufacturing Company, Inc. Calandria. 2,204,497; June 11.
Hunter, Hugh W., Danbury, Conn. Machine for and method of blocking hat bodies. 2,217,906; Oct. 15.
Hunter Illuminated Car Sign Co. Inc., The. (See Hunter, Lytle G., assignor.)
Hunter, James F., Turtle Creek, Pa. Comb cleaner. 2,195,109; Mar. 26.
Hunter, James H., Lansdowne, Pa., assignor to Radio Corporation of America. Phonograph record pressing matrix. 2,193,099; Mar. 12.
Hunter, James H., Lansdowne, Pa., assignor to Radio Corporation of America. Phonograph record. 2,206,636; July 2.
Hunter, James H., Lansdowne, Pa., assignor to Radio Corporation of America. Phonograph record. 2,216,946; Oct. 8.
Hunter, James H., Lansdowne, Pa., assignor to Radio Corporation of America, Camden, N. J. Phonograph record. 2,217,170; Oct. 8.
Hunter, James, Machine Company. (See Morrill, Frank B., assignor.)
Hunter, Leo S., assignor to Gates Paper Company, Ltd., Los Angeles, Calif. Closable orifice for containers. 2,211,977; Aug. 20.
Hunter, Louis N., Johnstown, Pa., assignor to The National Radiator Company. Boiler section. 2,188,266; Jan. 23.
Hunter, Lytle G., assignor to The Hunter Illuminated Car Sign Co. Inc., Flushing, N. Y. Vehicle indicator. 2,206,725; July 2.
Hunter, Lytle G., assignor to Hunter Sash Company, Inc., Flushing, N. Y. Mounting for panels. 2,213,315; Sept. 3.
Hunter, Matthew A., Troy, N. Y., assignor to Driver-Harris Company, Harrison, N. J. Alloy. 2,224,573; Dec. 10.
Hunter, Michael H., Hammond, Ind. Vehicle and exerciser. 2,191,568; Feb. 27.
Hunter, Paul B., Bloomfield, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Radio contourmeter. 2,225,046; Dec. 17.
Hunter, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Purification of chlorine. 2,199,797; May 7.
Hunter, Rex A., Bristol, Pa. Torpedo. 2,189,398; Feb. 6.
Hunter, Rex A., Bristol, Pa. Carbide water light and the like. 2,220,767; Nov. 5.
Hunter, Rex A., Derry, Pa. Cartridge. 2,204,085; June 11.
Hunter, Richard B., Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Switch contact. 2,196,832; Apr. 9.
Hunter, Richard B., Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit control panel. 2,199,563; May 7.

Hunter, Richard B., Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Illumination control system. 2,200,501; May 14.
Hunter, Richard B., Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Transforming apparatus. 2,205,476; June 25.
Hunter, Richard B., Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controller. 2,225,994; Dec. 24.
Hunter Sash Company. (See Hunter, Lytle G., assignor.)
Hunter, Thomas M., East Orange, assignor to American Transformer Company, Newark, N. J. Arc welding system. 2,197,253; Apr. 16.
Hunter, Thomas M., East Orange, assignor to American Transformer Company, Newark, N. J. Arc welding system. 2,197,254; Apr. 16.
Huntington, Heberlein & Company. (See Pearson, Andrew, assignor.)
Huntington, J. T., Lansing, Mich. Safety pilot light. 2,225,743; Dec. 24.
Huntley, Walter P. (See Whitehead, C. L., Chenoweth, Irwin, Duval, Huntley, Rule, and Lewis.)
Huntman, Charles B., Plainfield, N. J. Stabilizer shock absorber for motor cars. 2,195,331; Mar. 26.
Huntzicker, Harry N. (See Roos, C. K., and Huntzicker.)
Huntzicker, Harry N., Evanston, assignor to United States Gypsum Company, Chicago, Ill. Inorganic chemical product and producing the same. 2,201,667; May 21.
Hunziker, Fred, assignor to The Weatherhead Corporation, Cleveland, Ohio. Forming machine. 2,211,622; Aug. 13.
Hunziker, Paul. (See Potdevin, A., and Hunziker.)
Huppert, Paul. (See Grimm, H., and Huppert.)
Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Hair curler and assembly. 2,192,134; Feb. 27.
Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Hair curler. 2,203,218; June 4.
Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Hair device. 2,204,361; June 11.
Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Comb. 2,205,200; June 18.
Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Curler. 2,221,227; Nov. 12.
Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Comb curler. 2,225,590; Dec. 17.
Hurd, George D. (See Wilkinson, E. W., and Hurd.)
Hurd, Loren C., Glenside, assignor to Röhm & Haas Company, Philadelphia, Pa. Parasiticidal compositions containing copper and zinc oxides. 2,225,867; Dec. 24.
Hurd, Mark M., Minneapolis, Minn. Container for film rolls. 2,204,414; June 11.
Hurd, Norman B., Newington, assignor to The American Hardware Corporation, New Britain, Conn. Door closer. 2,192,745; Mar. 5.
Hurd, Norman B., Newington, Conn., assignor to The American Hardware Corporation, New Britain, Conn. Lock. 2,207,984; July 16.
Hurd, William, Troy, assignor to Wright's Underwear Company, Inc., New York, N. Y. Underwear. 2,190,425; Feb. 13.
Hurd, William, Troy, assignor to Wright's Underwear Company, New York, N. Y. Undergarment. 2,215,291; Sept. 17.
Hurdle, Bonard S., Chincoteague, Va. Fish lure. 2,185,668; Jan. 2.
Hureau, George, Everett, Mass. Distilling liquor. 2,206,867; July 9.
Hurich, Otto O., et al. (See Crane, Samuel G., assignor.)
Hurlbert, William G., Jr., Warren, Ohio. Metal studding system. 2,218,426; Oct. 15.
Hurlbert, William G., Jr., Niles, Ohio. Steel studding. 2,218,427; Oct. 15.
Hurlbert, William G., Jr., Niles, Ohio. Nailing ground studding. 2,218,428; Oct. 15.
Hurlburt, Wilbur F., East Orange, N. J. Packless laminated solenoid. 2,199,178; Apr. 30.
Hurlbut, Cecil M., assignor to Undertakers Supply Company, Chicago, Ill. Casket lowering and raising device. 2,208,846; July 23.
Hurley, Albert B., Huntington, N. Y. Light-reflecting and sound-transmitting motion picture apparatus. 2,187,904; Jan. 23.
Hurley, John R., Wheaton, Ill. Domestic washing machine. 2,202,152; May 28.
Hurley, Roy T., Dobbs Ferry, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Ignition apparatus. 2,198,250; Apr. 23.
Hurley, Walter G., East St. Louis, Ill., assignor of one-half to L. A. Crancer, Webster Groves, and one-half to G. B. Fleischman, University City, Mo. Expansible and contractible rock drill. 2,208,457; July 16.
Hurlin, William H., Antrim, N. H. Play yard. 2,217,223; Oct. 8.
Hurlock, Edward R. (See Porter, Clarence M. and L. V., and Hurlock.)
Hurschman, Alfred, Cleveland, Ohio. Method of and apparatus for forming twist drills and helical shapes. 2,223,107; Nov. 26.
Hurst, Albert L., Winston-Salem, N. C. Hospital bed. 2,215,757; Sept. 24.
Hurst, Harry. (See Sleeter, E. B., and Hurst.)
Hurst, Hugh H., Sussex, N. J. Antiskid unit for tires. 2,186,528; Jan. 9.
Hurst, Ira N. (See Hansen, W. L., and Hurst.)
Hurst, John I. (See Valentine, G. E., and Hurst.)
Hurst, Lindsay R. (See Gibson, W. C., and Hurst.)
Hurst, Max. (See Schweizer, A., and Hurst.)
Hurst, Max. (See Weber, J., Stoll, and Hurst.)
Hurst, Max, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Injection pump for internal combustion engines. 2,214,766; Sept. 17.
Hurst, Max, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Centrifugal governor for internal combustion engines. 2,215,722; Sept. 24.
Hurst, Max, Stuttgart, R. Hammer, Winnenden, and E. Raithelhuber, Duren, assignors to Robert Bosch Gesellschaft mit beschränkter Huftung, Stuttgart, Germany. Starting arangement for fuel injection internal combustion engines. 2,195,927; Apr. 2.
Hurst, Max, Stuttgart, and O. Beck, Winterbach O/A Schorndorf, assignors to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Injection pump for internal combustion engines. 2,222,593; Nov. 26.
Hurst, Orion H., Morristown, N. J., assignor to General Electric Company. Novelty pendulum mechanism. 2,195,311; Mar 26.
Hurt, David M., Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrochloric acid absorption. 2,220,570; Nov. 5.
Hurt, Samuel N., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,203,786; June 11.
Hurt, Samuel N., Toledo, Ohio, assignor to Toledo Scale Company. Weighing scale. 2,208,555; July 16.
Hurwit, Sol, Los Angeles, Calif. Woven shoe. Re. 21,392; Mar. 12.
Hurwitz, Julius. (See Cannon, W. W., and Hurwitz.)
Hurwitz, William S. (See Nelson, R. F., and Hurwitz.)
Hurxthal, Alpheus O., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Web handling apparatus. 2,196,921; Apr. 9.
Husar, Fred, Chicago, Ill. Binocular. 2,205,764; June 25.
Huscher, Myron E. (See Nutting, H. S., and Huscher.)
Huschka, Maria, New York, N. Y. Fowl-dressing appliance. 2,189,421; Feb. 6.
Huse, John O. (See Berg, A. J., and Huse.)
Huseby, Albert A., Oak Park, assignor to W. W. Kimball Company, Chicago, Il. Piano. 2,195,624; Apr. 2.
Husk, Harry M., assignor to Electricooker, Inc., Newburyport, Mass. Cooking machine. 2,215,929; Sept. 24.
Husk, Harry M., assignor to Electricooker, Inc., Newburyport, Mass. Cooking machine. 2,222,314; Nov. 19.
Huss, Raymond S., Bala-Cynwyd, Pa., assignor to The Turner & Harrison Steel Pen Manufacturing Company, Inc., Philadelphia, Pa. Penholder. 2,213,931; Sept. 3.
Huss, Richard. (See Fischer, E., Gmelin, Huss, Krzikalla, and Pardon.)
Hussey, Charles H., et al. (See Ortman, William J., assignor.)
Hussey, Harold D. (See Fine, D. S., and Hussey.)
Hussey, Howard E., Elkhart, Ind., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Automatic phonograph. 2,211,425; Aug. 13.
Hussey, Luther W., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Modulation. 2,225,697; Dec. 24.
Hussey, Philip W., North Berwick, Maine. Seat, footboard, and stringer structure. 2,186,866; Jan. 9.
Hussman-Ligonier Company. (See Caulk, John R., assignor.)
Hussong, Floyd E., Los Angeles, Calif. Control valve for vacuum operated brakes. 2,208,553; July 16.
Hussy, Jacques A., Geneva, Switzerland. Cycle. 2,191,663; Feb. 27.
Hustad, Hugo R., New York, N. Y. Heel structure of footwear. 2,206,898; July 9.
Husted, Harry A., Sandusky, assignor, by mesne assignments, to The Standard Products Company, Port Clinton, Ohio. Automobile steering wheel construction. 2,187,604; Jan. 16.
Husted, Harry A., Sandusky, assignor, by mesne assignments, to The Standard Products Company, Port Clinton, Ohio. Molding means for making thermoplastic articles. 2,203,787; June 11.
Husted, Harry A., St. Clair, Mich., assignor, by mesne assignments, to The Standard Products Company, Port Clinton, Ohio. Anchoring spokes to steering wheel hubs. 2,189,005; Feb. 6.
Husted, Harry A., St. Clair, Mich., assignor, by mesne assignments, to The Standard Products Company, Port Clinton, Ohio. Forming automobile steering wheel hubs. 2,196,731; Apr. 9.
Husted, Harry A., Detroit, Mich., assignor to Standard Products Company, Port Clinton, Ohio. Shell grommet. 2,222,456; Nov. 19.
Huston, Frederick P., Fanwood, and A. Wesley, Plainfield, N. J., assignors to The International Nickel Company, Inc., New York, N. Y. Compound metal stock. 2,225,868; Dec. 24.
Huston, Milton D. (See Gilmore, J. G., and Huston.)
Huston, Milton D. (See Hayter, B., and Huston.)
Huston, Tom, Hartford, Conn., assignor to S. P. Langston, Miami, Fla. Chewing gum package. 2,192,472; Mar. 5.

Huston, Tom, Hartford, Conn., assignor to S. P. Langston, Miami, Fla. Chewing gum package. 2,192,473; Mar. 5.
Hutaff, George H., Jr. (See Maihack, Herman J., assignor.)
Hutaff, George H., Jr. (See Maurer, William O., assignor.)
Hutaff, George H., Jr. (See O'Neal, George R., assignor.)
Hutaff, George H., Jr., Wilmington, N. C. Bottle cap. 2,187,454; Jan. 16.
Hutaff, George H., Jr., Wilmington, N. C. Eraser attachment for typewriters. 2,189,649; Feb. 6.
Hutaff, George H., Jr., Wilmington, N. C. Bottle cap. 2,218,040; Oct. 15.
Hutaff, George H., Jr., Wilmington, N. C. Cigarette case and dispenser. 2,218,041; Oct. 15.
Hutaff, George H., Jr., Wilmington, N. C. Bottle cap. 2,218,042; Oct. 15.
Hutchens, Modian E. (See Brock, C. A., and Hutchens.)
Hutchens, Raymond D., Chicago, Ill., assignor to Radio Corporation of America. Automatic ink supply for signal recorders. 2,214,636; Sept. 10.
Hutchens, Raymond D., Chicago, Ill., assignor to Radio Corporation of America. Telegraph keying device. 2,224,299; Dec. 10.
Hutcheon, William M. (See Delamere, R. D., and Hutcheon.)
Hutchings, Walter B., Huron, S. Dak. Check valve. 2,206,356; July 2.
Hutchings, Walter B., Huron, S. Dak., assignor, by mesne assignments, to The Prosperity Company, Inc., Syracuse, N. Y. Starching mechanism. 2,224,019; Dec. 3.
Hutchins, Hugh A., Glendale, assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Control mechanism for earth working devices. 2,194,945; Mar. 26.
Hutchins, William H., and H. C. Rohr, Rochester, N. Y., assignors to General Motors Corporation, Detroit, Mich. Oil burner control. 2,187,269; Jan. 16.
Hutchins, William H., and C. T. Wallis, Rochester, N. Y., assignors to General Motors Corporation, Detroit, Mich. Clutch for radio. 2,195,652; Apr. 2.
Hutchinson, Alan S. (See Thompson, T. A., and Hutchinson.)
Hutchinson, Arno M., Mead, Wash. Polisher. 2,203,728; June 11.
Hutchinson, Charles W., Milwaukee, Wis. Log-rolling device. 2,186,606; Jan. 9.
Hutchinson, Clarence A. (See Hutchinson, Robert, assignor.)
Hutchinson, Francis M., Mariemont, Ohio. Mattress. Re. 21,580; Sept. 24.
Hutchinson, Francis M., Mariemont, Ohio. Mattress. 2,207,095; July 9.
Hutchinson, Job, Great Neck, N. Y. Rug display apparatus. 2,188,185; Jan. 23.
Hutchinson, Job, Great Neck, assignor to Visual Merchandiser, Inc., New York, N. Y. Display sign. 2,190,426; Feb. 13.
Hutchinson, Job, Great Neck, assignor to Visual Merchandiser, Inc., New York, N. Y. Display machine. 2,195,249; Mar. 26.
Hutchinson, John F., and A. A. Schilling, Bridgeport, Conn., assignors to Remington Arms Company, Inc. Ammunition lubrication. 2,193,631; Mar. 12.
Hutchinson, Merrill, Edina, Minn. Tube cake pan with cake loosening means. 2,203,091; June 4.
Hutchinson, Philip H. (See Cramer, R. H., and Hutchinson.)
Hutchinson, Philip H., Montclair, N. J., assignor to General Motors Corporation, Detroit, Mich. Grinding. 2,187,471; Jan. 16.
Hutchinson, Raymond E., Bristol, assignor to The Sessions Clock Company, Forestville, Conn. Electric alarm clock. 2,211,426; Aug. 13.
Hutchinson, Robert H., Dallas, Tex. Grille. 2,201,266; May 21.
Hutchinson, Robert H., Dallas, Tex. Grille. 2,210,371; Aug. 6.
Hutchinson, Uriah, New York, N. Y. Electrically controlled selective display apparatus. 2,185,895; Jan. 2.
Hutchinson, W. H., & Son, Inc. (See Domke, Fred E., assignor.)
Hutchinson, William V., Kingsbury, London, England. Molding of sheet material. 2,189,006; Feb. 6.
Hutchinson, Young, Glendale, Calif. Bookkeeping machine. 2,212,069; Aug. 20.
Hutchison, Ella J., et al., executrices. (See Hutchison, Robert B.)
Hutchison, Frank Y., assignor to Houston Pipe Line Company, Houston, Tex. Separator. 2,201,137; May 21.
Hutchison, Grant L. (See St. John, H. W., and Hutchison.)
Hutchison, Mary W., et al., executrices. (See Hutchison, Robert B.)
Hutchison, Miller R., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic shutter. 2,186,639; Jan. 9.
Hutchison, Miller R., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter. 2,199,998; May 7.
Hutchison, Miller R., Jr., Rochester, assignor, by mesne assignments, to P. Kollsman, New York, N. Y. Power transmission device. 2,211,464; Aug. 13.
Hutchison, Miller R., Jr., Rochester, N. Y., assignor, by mesne assignments, to Paul Kollsman, New York, N. Y. Power transmission device. 2,225,698; Dec. 24.
Hutchison, Miller R., Jr., Madison, N. J., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Impact wrench. 2,212,919; Aug. 27.
Hutchison, Miller R., Jr., Madison, N. J., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Impact wrench. 2,219,869; Oct. 29.
Hutchison, Robert B., Wilkinsburg, Pa., deceased; E. J. and M. W. Hutchison, executrices, assignors to C. A. Williams. Hand weapon. 2,195,711; Apr. 2.
Hutchison, Tom N., Hobbs, N. Mex. Liquid cement well. 2,203,571; June 4.
Huth, Erich F., G. m. b. H. (See Schedel, Hans, assignor.)
Huth, Ludwig, Burlington, Iowa. Frostproof jacket. 2,189,466; Feb. 6.
Huth, Walter H., assignor to Aurex Corporation, Chicago, Ill. Head phone. 2,186,072; Jan. 9.
Huth, Walter H., and J. R. Cubert, assignors to Walter H. Huth, Laboratory, Chicago, Ill. Time controlled radio receiver. 2,192,313; Mar. 5.
Huth, Walter H., Laboratory. (See Huth, W. H., and Cubert, assignors.)
Huthsing, Charles K., Detroit, Mich. Continuous pressure sealing device. 2,217,117; Oct. 8.
Hutsell, Thomas A., assignor to Barmaster, Inc., Seattle, Wash. Beer measuring and dispensing device. 2,199,405; May 7.
Hutt, Philip, New Haven, Conn., assignor to General Electric Company. Electric switch. 2,195,312; Mar. 26.
Hutt, Philip, New Haven, Conn., assignor to General Electric Company. Electric switch. 2,196,865; Apr. 9.
Huttenlocher, Richard, Greiz, assignor to the firm Zschimmer & Schwarz Chemische Fabrik Dölau, Greiz-Dolau, Germany. Increasing the wetting power of strong alkaline lyes. 2,213,139; Aug. 27.
Hüttenwerke Siegerland Aktiengesellschaft. (See Goeke, Otto, assignor.)
Huttenwerke Siegerland Aktiengesellschaft. (See Klein, Hugo, assignor.)
Huttig Sash & Door Co. (See Trammell, Earl M., assignor.)
Huttinger, Charles A., Lakewood, assignor to Acme Rayon Corporation, Cleveland, Ohio. Package insert adaptable for the mounting of fine filamentous thread in annular package form. 2,191,108; Feb. 20.
Huttinger, Charles A., Lakewood, assignor to Acme Rayon Corporation, Cleveland, Ohio. Apparatus for treating tubular packages of thread of fine filamentous character. 2,198,409; Apr. 23.
Huxford, George T., North Kingstown, assignor to Builders Iron Foundry, Providence, R. I. Telemetric controller. 2,207,921; July 16.
Huxham, Trevor S., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone calling dial. 2,194,306; Mar. 19.
Huxon Holding Corporation. (See Huck, Louis C., assignor.)
Huxter, Walker L. C., Richmond, Va. Vaporizer. 2,204,312; June 11.
Huyck, F. C., & Sons. (See Gabler, Johann, assignor.)
Huye, Joseph G., New Orleans, La. Box. 2,193,924; Mar. 19.
Huye, Joseph G., New Orleans, La. Box. 2,193,925; Mar. 19.
Hyatt, Charles S., and W. D. Hedges, assignors to Columbus Coated Fabrics Corporation, Columbus, Ohio. Making waterproof cloth. 2,188,901; Feb. 6.
Hyatt, Charles S., and W. D. Hedges, assignors to Columbus Coated Fabrics Corporation, Columbus, Ohio. Waterproof lacquer. 2,202,254; May 28.
Hyatt, Charles S., and J. C. Lowman, assignors to Columbus Coated Fabrics Corporation, Columbus, Ohio. Coated glass fabric. 2,204,859; June 18.
Hyatt, Floyd A., assignor to Allied Steel & Conveyors, Inc., Detroit, Mich. Punch stripping device. 2,225,342; Dec. 17.
Hybarger, Hugh K., Elyria, Ohio, assignor to National Tube Company. Optical inspection apparatus. 2,196,922; Apr. 9.
Hyde, James F. (See Leibig, E. C., and Hyde.)
Hyde, James F. (See Shand, E. B., and Hyde.)
Hyde, James F., Corning, N. Y., assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Bonding fiber glass with carbon. 2,225,009; Dec. 17.
Hyde, John, Chicago, Ill. Hand piece for power driven tools. 2,199,726; May 7.
Hyde, Ralph E. (See Gould, A. S., Emery, and Hyde.)
Hyde, Reed W., Summit, N. J., and R. D. Pike, Piedmont, Calif. Sintering machine. 2,213,396; Sept. 3.
Hyde, William A., Andrews, N. C. Hoist support. 2,201,138; May 21.
Hydooraulic, Inc. (See Harris, W. A., and Van Blarcom, assignors.)
Hydraulic Brake Company. (See Berglund, Charles V., assignor.)
Hydraulic Brake Company. (See Bock, Clarence H., assignor.)
Hydraulic Brake Company. (See Bowen, Herbert C., assignor.)

Hydraulic Brake Company. (See Bowen, Myron W., assignor.)
Hydraulic Brake Company. (See Fowler, Owen H., assignor.)
Hydraulic Brake Company. (See Gardner, Clarence V., assignor.)
Hydraulic Brake Company. (See Loweke, Aaron A., assignor.)
Hydraulic Brake Company. (See Loweke, Erwin F., assignor.)
Hydraulic Brake Company. (See McCollum, Andrew O., assignor.)
Hydraulic Brake Company. (See Rouch, Everett W., assignor.)
Hydraulic Brake Company. (See Swift, Harvey C., assignor.)
Hydraulic Coupling Patents Limited. (See Kiep, J. N., and Sinclair, assignors.)
Hydraulic Coupling Patents Limited. (See Sinclair, H., and Basebe, assignors.)
Hydraulic Coupling Patents Limited. (See Sinclair, H., and Clerk, assignors.)
Hydraulic Development Corporation, The. (See Lawyer, Ira B., assignor.)
Hydraulic Development Corp. Inc., The. (See Ernst, Walter, assignor.)
Hydraulic Development Corp. Inc., The. (See Ernst, W., and Hubbert, assignors.)
Hydraulic Development Corp., Inc. (See MacMillin, Howard F., assignor.)
Hydraulic Press Corporation, The. (See Ernst, Walter, assignor.)
Hydraulic Press Corporation, The. (See MacMillin, Howard F., assignor.)
Hydraulic Press Corp, The. (See Muller, Johan A., assignor.)
Hydraulic Press Corp. Inc., The. (See Cleveland, Don L., assignor.)
Hydraulic Press Corp. Inc. (See Ernst, W., Geiger, and Tucker, assignors.)
Hydraulic Press Corp. Inc., The. (See Ernst, W., and Lawyer, assignors.)
Hydraulic Press Corp. Inc. (See Hubbert, Leslie S., assignor.)
Hydraulic Production Corporation. (See Davis, John B., assignor.)
Hydraulic Pumper Incorporated. (See Hubbard, William E., assignor.)
Hydraulics, Inc. (See Lassman, Benjamin, assignor.)
Hydril Company. (See Knox, Granville S., assignor.)
Hydril Company. (See Stone, A. L., Rice, and Appleton, assignors.)
Hydril Company. (See Tytus, J. A., and Stone, assignors.)
Hydril Company of California. (See Stone, Albert L., assignor.)
Hydril Company of California. (See Stone, A. L., Tytus, and Appleton, assignors.)
Hydroblast Corporation, The. (See Tirrell, Leslie L., assignor.)
Hydro-Blast Corporation, The. (See Webster, Towner K., Jr., assignor.)
Hydrocarbon Synthesis Corporation. (See Fischer, F., and Pichler, assignors.)
Hydrocarbon Synthesis Corporation. (See Heckel, H., and Roelen, assignors.)
Hydrocarbon Synthesis Corporation. (See Roelen, Otto, assignor.)
Hydrocarbon Synthesis Corporation. (See Roelen, O., and Hanisch, assignors.)
Hydrocarbons Research Co. (See Riggs, Lewis W., assignor.)
Hydromatic Corporation. (See Pardee, Harvey S., assignor.)
Hygeia Filtering Corporation. (See Schwartz, Nathan, assignor.)
Hygiene Products Limited. (See Daykin, Thomas R., assignor.)
Hygienic Arts Corporation. (See Flanders, F. L., and McGerry, assignors.)
Hygrade Sylvania Corporation. (See Acheson, M. A., and McClintock, assignors.)
Hygrade Sylvania Corporation. (See Bachman, Charles H., assignor.)
Hygrade Sylvania Corporation. (See Bennett, J. M., and Hauck, assignors.)
Hygrade Sylvania Corporation. (See Bowie, Robert M., assignor.)
Hygrade Sylvania Corporation. (See Cox, James L., assignor.)
Hygrade Sylvania Corporation. (See Fraenckel, Victor H., assignor.)
Hygrade Sylvania Corporation. (See Haller, Cyrus W., assignor.)
Hygrade Sylvania Corporation. (See Heins, Harold, assignor.)
Hygrade Sylvania Corporation. (See Holman, George E. assignor.)
Hygrade Sylvania Corporation. (See Jones, Walter R., assignor.)
Hygrade Sylvania Corporation. (See McCarthy, Henry J., assignor.)
Hygrade Sylvania Corporation. (See O'Neill, George D., assignor.)
Hygrade Sylvania Corporation. (See Pomfrett, John M., assignor.)
Hygrade Sylvania Corporation. (See Pray, James E., assignor.)
Hygrade Sylvania Corporation. (See Schleimann Jensen, Arne, assignor.)
Hyland, John L., New York, N. Y. Window shade adjuster. 2,215,179; Sept. 17.
Hyland, Lawrence A., Washington, D. C., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Shielded spark plug. Re. 21,550; Sept. 3.
Hyland, William M., Flint, Mich. Drop leaf extension table. 2,187,423; Jan. 16.
Hyle, Jacob A. (See Leiendecker, J. A., and Hyle.)
Hyman, Benjamin M., Moline, Ill., assignor to International Harvester Company. Corn picker. 2,209,056; July 23.
Hyman, Blanche, J. (See Wenton, Julius F., assignor.)
Hyman, Eli, Brookline, Mass. Ribbon. 2,203,822; June 11.
Hyman, Henry. (See Muldoon, Bernard F., assignor.)
Hyman, Henry. (See Rothenberg, H., and Grimsley, assignors.)
Hyman, Julius, assignor to Velsicol Corporation, Chicago, Ill. Polymerization. 2,197,861; Apr. 23.
Hyman, Julius, assignor to Velsicol Corporation, Chicago, Ill. Polymerizing unsaturated gases. 2,197,862; Apr. 23.
Hyman, Morris J., Philadelphia, Pa. Hush tube. 2,192,498; Mar. 5.
Hymer, Harry E., Harrison, and R. Ferris, Eastchester, N. Y. Hydraulically adjustable furniture. 2,202,383; May 28.
Hymers, Cuthbert E. (See Borland, A., Hymers, and Spencer.)
Hynes, Dibrell P., Evanston, assignor to Chicago Forging & Manufacturing Co., Chicago, Ill. Hood latch. 2,193,132; Mar. 12.
Hynes, Dibrell P., Evanston, assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Hood latch. 2,193,133; Mar. 12.
Hynes, Dibrell P., Evanston, assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Hood latch. 2,193,134; Mar. 12.
Hy-sil Manufacturing Company. (See Freiler, Kurt, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Alles, Richard, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Auerhahm, A., and Stadler, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Baehr, H., and Braus, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Balle, Gerhard, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Balle, G., and Horst, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Balle, G., Rosenbach, and Dittus, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Balle, G., and Schild, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Balle, G., Wagner, and Nold, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Bayerl, Alfons, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Billig, Kurt, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Blass, F., Heisel, Hendschel, and Nicodemus, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Blömer, A., and Becker, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Bock, Walter, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Boente, Leo, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Brodersen, K., and Quaedvlieg, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Brodersen, K., Quaedvlieg, Zabel, and Schneider, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Chwala, August, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Chwala, A., and Waldmann, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Desamari, K., and Hebermehl, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Dierichs, A., and Martini, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Dohse, H., and Spoun, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Doser, A., Bayer and Hintzmann, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Duftschmid, F., Linckh, and Winkler, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Eggert, J., and Küster, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Eggert, J., and Nissen, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Eisenhut, O., Rein, and Fratzer, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Esselmann, P., Kösslinger, and Düsing, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Esselmann, P., Kösslinger, and Saffert, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Faust, W., and Ender, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Feiler, Paul, assignor.)
I. G. Farbenindustrie Aktiengsellschaft. (See Flemming, W., and Baumeister, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Frankenburger, W., Hammerschmid, and Roessler, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Graumann, E., and Schröter, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Griessbach, R., Meier, and Wassenegger, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Guenther F., and Haussmann, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Hamprecht, Guenther, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Hamprecht, G., and Pauckner, assignors.)
I G. Farbenindustrie Aktiengesellschaft. (See Hamprecht, G., Schlecht, and Trageser, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Haussmann, H., Meissner, Pinkernelle, and Zinke, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Heisel, P., and Hendschel, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Holler, H., and Flasskamp, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Holler, H., and Mues, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Hopff, Heinrich, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Hopff, H., and Rapp., assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Hopff, H., Steinbrunn, and Freudenberger, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Hubert, E., Hofmann, and Pabst, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Hubert, E., Pabst, and Hecht, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Hubert, E., and Rein, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Huehn, W., and Haufe, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Jacobi, H., and Flemming, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Jacqué, Heinrich, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Jannek, J., and Hennicke, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Johannes, W., and Zetzsche, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Käding, Hans, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Kallmann, H. I., and Kuhn, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Kastner, Daniel, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Kaupp, J., Ritzenthaler, Schuster, and Hoyer, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Keller, K., and Korten, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Keppler, H., and Schroeter, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Keunecke, E., and Muench, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Kleine, J., Zetzsche, and Saffert, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Kösslinger, K., Klare, and Rein, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Kränzlein, G., and Lampert, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Krauss, Alwin, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Krzikalla, H., Garbsch, and Schoeller, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Krzikalla, H., Schoeller, Pannwitz, and Denner, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Lange, H., and Horn, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Legeler, Eberhard, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Leithe, Wolfgang, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Loewenberg, K., and Smeykal, assignors.)
I. G. Farbenindustrie Aktinegesellschaft. (See Luehdemann, Rolf, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Luther, M., and v. Reibnitz, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Maier, W., Plepp, and Fink, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Michel, Josef M., assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Mueller-Cunradi, M., and Otto, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Nelles, Johannes, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Nitzschke, O., and Kopsch, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Perlick, A., and Steinmetz, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Pfuetzer, G., and Losch, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Pier, Mathias, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., and Anthes, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., Boente, and Eisenhut, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Pier., M., Christmann, Eisenhut, and Hirschberger, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., and Schoenemann, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Pinkernelle, Walter, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Querengässer, Hugo, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Reichart, Joseph, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Rein, Hanns, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Reppe, W., and Kuehn, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Reppe, W., and Ufer, assignors).
I. G. Farbenindustrie Aktiengesellschaft. (See Rodenacker, W., and Baumann, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Rosenthal, L., and Becker, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Rosenthal, L., and Meis, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Rüsch, F., and Sander, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Sachsse, Hans, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Sandhaas, W., Daniel, and Mühlhausen, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schad, Konrad, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schad, K., and Ketzer, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schirrmeister, Kurt, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schlack, Paul, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schlecht, L., and Ackermann, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schröter, R., Rinke, and Eck, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schuette, H., Schoeller, and Wittwer.)
I. G. Farbenindustrie Aktiengesellschaft. (See Söll, Julius, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Speer, W., and Weiss, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Spitaler, Paul, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Steindorff, A., Balle, Heimke, and Horst, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Steindorff, A., Platz, and Rosenbach, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Suchy, Robert, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Suchy, R., and Messner, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Teichmann, L., and Martini, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, Heinrich, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., and Koerding, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., and Kuespert, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., Kuespert, and Sattler, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., and Nuesslein, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., and Ploetz, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Vierling, Karl, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Vierling, K., and Hopff, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See von Weinberg, A., Rein, and Eisenhut, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Voss, A., and Heuer, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Voss, A., and Stark, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Wassenegger, H., and Griessbach, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Wassenegger, H., and Jaeger, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Werner, M., and Tietz, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Wesche, Hans, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Wick, Georg, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Willeke, A., and Eller, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Winkler, F., and Linckh, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Winter, E. Lückerath, and Windelband, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Wintersberger, K., and Spormann, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Wolf, K., and Krom, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Zerweck, W., and Keller, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Ziese, W., Ebel, and Schneevoigt, assignors.)
Iacobelli, Frank, West Haven, and V. Cassella, Hamden, Conn., assignors to H. Granville, Jr., Scranton, Pa. Carbon holding device. 2,207,670; July 9.
Iams, Harley A., Berkeley Heights, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Television transmitting tube. 2,195,489; Apr. 2.
Iams, Harley A., Berkeley Heights, N. J., assignor to Radio Corporation of America. Distortion correction for television systems. 2,197,863; Apr. 23.
Iams, Harley A., Berkley Heights, N. J., assignor to Radio Corporation of America. Television transmitting tube. 2,213,177; Aug. 27.
Iams, Harley A., Berkley Heights, N. J., assignor to Radio Corporation of America. Television transmitting tube and system. 2,213,178; Aug. 27.
Iams, Harley A., Berkley Heights, N. J., assignor to Radio Corporation of America. Television transmitting device. 2,213,179; Aug. 27.
Iams, Harley A., Berkley Heights, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge apparatus. 2,213,547; Sept. 3.
Iams, Harley A., Berkley Heights, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Television transmitting tube. 2,213,548; Sept. 3.
Iams, Harley A., Berkley Heights, and A. Rose, East Orange, N. J., assignors to Radio Corporation of America. Television transmitting tube and system. 2,213,175; Aug. 27.
Iavelli, Teno. (See Dunn, W. T., and Iavelli.)
Iavelli, Teno. (See Neracher, C. A., and Iavelli.)
Iavelli, Teno, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,212,740; Aug. 27.
Ibañez, Francisco R., Mexico, D. F., Mexico. Articulated mechanism for the transmission of movement. 2,194,661; Mar. 26.
Ice, James N., assignor to a trusteeship of J. N. Ice, A. Best, and S. K. Frank, Wheeling, W. Va., as trustees. Pipe, tubing, and conduit coupling. 2,186,974; Jan. 16.
Ice, James N., assignor to a trusteeship composed of himself, A. Best, and S. K. Frank, Wheeling, W. Va., as trustee. Connecting conduit sections. 2,192,914; Mar. 12.
Ickenroth, Anthony, Brentwood, Mo. Roller skate brake. 2,191,018; Feb. 20.
Ickes, Howard C., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Making inner tubes. 2,214,903; Sept. 17.
Idaho Maryland Mines Corporation. (See Berryman, E. J., and Newsom, assignors.)
Idaho Maryland Mines Corporation. (See Newsom, John B., assignor.)
Iddings, Roscoe C., assignor to The Fyr-Fyter Company, Dayton, Ohio. Fire extinguisher. 2,213,765; Sept. 3.
Ide, John M., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Gravity meter. 2,225,566; Dec. 17.
Ide, Knox, Jersey City, N. J., and G. S. Hills, New Rochell, N. Y. Feeding method and article. 2,224,683; Dec. 10.
Ide, Roy W., Jr., Gary, Ind., and H. A. Winkelmann, assignors to Marbon Corporation, Chicago, Ill. Dielectric composition. 2,205,654; June 25.
Ide, Vivian S. (See Stiles, Wesley H., assignor.)
Ideal-Aire, Inc. (See Carraway, Thomas W., assignor.)
Ideal Fastener Corporation. (See Gross, Joseph M., assignor.)
Ideal Manufacturing Company. (See Smith, Ray F., assignor.)
Ideal Power Lawn Mower Company. (See Drumm, Floyd, assignor.)
Ideal Products Company. (See Epstein, Herman, assignor.)
Ideal Roller & Manufacturing Company. (See Marshall, Frank H., assignor.)
Iden, Fred B., Cleveland Heights, Ohio, assignor to General Electric Company. Mount making machine. 2,199,852; May 7.
Idland, Sverre, Hazel Run, Minn. Pickup tool. 2,221,094; Nov. 12.
Idzal, Milton M., Sioux City, Iowa. Stereoscopic picture device. 2,190,516; Feb. 13.
Iftiger, Herbert J., and E. W. Cook, Los Angeles, Calif., assignor, by mesne assignments, to Service Devices Corporation. Dispensing device. 2,204,015; June 11.
Igarashi, Isamu, Fuse, and S. Higashio, Domyoji-Mura, assignors to Sumitomo Kinzoku-Kogyo Kabushiki Kaisha, Konohana-Ku, Osaka, Japan. Veneer plate of aluminum alloy. 2,208,186; July 16.
Igoe Brothers, Inc. (See Tubbs, Earl D., assignor.)
Igou, William H., Milwaukee, Wis. Display carton. 2,217,953; Oct. 15.
Ihde, Christian H., Monona, Iowa. Planter attachment. 2,204,051; Dec. 3.
Ihrig, Harry K., Milwaukee, Wis. Cold working metal. 2,223,037; Nov. 26.
Iknayan, Alfred N., Indianapolis, Ind., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Tear resisting rubber sheeting. 2,198,008; Apr. 23.
Ilberg, Waldemar, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Magnetron discharge tube circuit. 2,216,112; Oct. 1.
Iler, George A., Melrose, assignor to The McAlear Manufacturing Company, Chicago, Ill. Valve. 2,186,024; Jan. 9.
Iler, George A., Riverside, Ill. Valve. 2,186,833; Jan. 9.
Iler, Ralph G. (See Tauch, E. J., and Iler.)
Iler, Ralph K., Cleveland Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacturing alkali and ammonium chlorosulphonates. 2,219,103; Oct. 22.
Ilford Limited. (See Kendall, John D., assignor.)
Ilford Limited. (See Kendall, J. D., and Collins, assignors.)
Ilford Limited. (See Murray, Humphrey D., assignor.)
Ilg Electric Ventilating Company. (See Pfautsch, Raymond V., assignor.)
Ilgen, Hans. (See Hintze, H., and Ilgen.)
Ilgenfritz, William. (See Myers, C. G., and Ilgenfritz.)
Ilieff, Ilion, Tarrytown, N. Y. Valve member. 2,225,116; Dec. 17.
Iliff, John W., Springfield, and W. F. Singleton, Philadelphia, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Acid and alkali resistant paint. 2,225,303; Dec. 17.
Illian, Douglas F., Evanston, Ill. Electric table lamp. 2,204,362; June 11.
Illingworth, George, East Cleveland, Ohio, assignor to General Electric Company. Method and apparatus for manufacturing electric lamps and similar articles. 2,201,694; May 21.
Illinois Engineering Company. (See Browne, Alfred L., assignor.)
Illinois Engineering Company. (See Hornung, John C., assignor.)
Illinois Iron & Bolt Company. (See Cunningham, Noel, assignor.)
Illinois Iron & Bolt Company. (See Gillette, William R., assignor.)
Illinois Lock Company, The. (See Gray, Rollin L., assignor.)
Illinois Lock Co., The. (See Watters, Richard M., assignor.)
Illinois Railway Equipment Company. (See Harbert, Victor H., assignor.)
Illinois Testing Laboratories, Inc. (See Breitenstein, Victor W., assignor.)
Illinois Testing Laboratories, Inc. (See Edwards, James H., assignor.)
Illinois Testing Laboratories, Inc (See Manarik, J. A., and Miller, assignors.)
Illinois Tool Works. (See Berthelsen, Erhard U. T., assignor.)
Illinois Tool Works. (See Bohle, Fred, assignor.)
Illinois Tool Works. (See Hosking, Richard T., assignor.)
Illinois Tool Works. (See Olson, Carl G., assignor.)
Illinois Tool Works. (See Poupitch, Ougljesa J., assignor.)
Illmer, Louis, Cortland, N. Y. Brake lever clutch. 2,192,443; Mar. 5.
Illmer, Louis, Cortland, N. Y. Pocket gum dispenser. 2,200,553; May 14.
Illmer, Louis, Cortland, N. Y. Heated ironing board. 2,213,042; Aug. 27.
Illmer, Louis, Cortland, N. Y. Hand brake lever linkage. 2,223,565; Dec. 3.
Illo, Frank, Jr. (See Illo, Frank, assignor.)
Illo, Frank, assignor to F. Illo, Jr., New York, N. Y. Illuminating device. 2,201,093; May 14.
Illsche, Arthur, Rye, N. Y. Fastener for women's handbags and other articles. 2,187,605; Jan. 16.
Illsche, Arthur, Rye, N. Y. Button fastener. 2,203,017; June 4.
Illsche, Arthur, Rye, N. Y. Screw thread connection for electric light bulbs and sockets. 2,208,423; July 16.
Illsley, Frank P., Muskegon, Mich., assignor of one-half to A. H. Boettcher, Evanston, Ill. Cooling system. 2,201,314; May 21.
Ilten, Robert C. (See Chadima, L. C., Ilten, and Johnson.)
Imblum, Leo, San Diego, Calif. Valve refacing tool. 2,201,178; May 21.
Imboden, Clyde, Gary, Ind. Automatic feed for tinning machines and the like. 2,204,548; June 18.
Imershein, Matthias, assignor to Graceform-Camlin Corset Co., Inc., New York, N. Y. Undergarment. Re. 21,595; Oct. 8.
Imes, Harold E., Ashland, Ky., assignor to Semet-Solvay Company, New York, N. Y. Recovery of spilled material. 2,224,392; Dec. 10.
Imhof, Alfred G., London, England. Sharpening device suitable for gramophone needles. 2,225,605; Dec. 17.
Imhofe, Robert H., assignor to Rex-Watson Corporation, Canastota, N. Y. Bumper for vehicles. 2,188,082; Jan. 23.
Imhoff, John J., Calgary, Alberta, Canada. Brake. 2,192,678; Mar. 5.
Imhoff, William, Seguin, Tex. Quilting frame. 2,214,418; Sept. 10.
Imlay, Frederick J., Cleghorn, Iowa. Endgate. 2,187,855; Jan. 23.
Immendoerfer, Eugen. (See Otto, G., and Immendoerfer.)
Imperial Brass Manufacturing Company, The. (See Dobrick, August C., assignor.)

Imperial Brass Manufacturing Company, The. (See Franck, George E., assignor.)
Imperial Brass Manufacturing Co., The. (See McIntosh, Robert D., assignor.)
Imperial Brass Manufacturing Company. (See Warrick, Charles F., assignor.)
Imperial Chemical Industries Limited. (See Ashcroft, Donald G., assignor.)
Imperial Chemical Industries, Limited. (See Baird, W., Goldstein, Jones, and Meade, assignors.)
Imperial Chemical Industries Limited. (See Baxter, J. P., and Dod, assignors.)
Imperial Chemical Industries Limited. (See Bone, W. A., and Newitt, assignors.)
Imperial Chemical Industries Limited. (See Booth, William E., assignor.)
Imperial Chemical Industries Limited. (See Brown, R. R. H., and Cooper, assignors.)
Imperial Chemical Industries Limited. (See Burrage, Leslie J., assignor.)
Imperial Chemical Industries Limited. (See Butterworth, Ernest, assignor.)
Imperial Chemical Industries Limited. (See Butterworth, E., and Mitchell, assignors.)
Imperial Chemical Industries Limited. (See Butterworth, E., and Ridge, assignors.)
Imperial Chemical Industries Limited. (See Charlton, W., Hill, Walker, and Waters.)
Imperial Chemical Industries Limited. (See Clark, W. J., Bosanquet, Bell, and Matthews, assignors.)
Imperial Chemical Industries Limited. (See Cliffe, Wilfrid H., assignor.)
Imperial Chemical Industries Limited. (See Clifford, Ivor L., assignor.)
Imperial Chemical Industries Limited. (See Coffey, S., Haddock, and Wood, assignors.)
Imperial Chemical Industries Limited. (See Crawford, J. W. C., and McGrath, assignors.)
Imperial Chemical Industries Limited. (See Davies, J. S. H., Hailwood, and Tood, assignors.)
Imperial Chemical Industries Limited. (See Dent, Charles E., assignor.)
Imperial Chemical Industries Limited. (See Dent, C. E., and Silvester, assignors.)
Imperial Chemical Industries Limited. (See Evans, J. G., Piggott, Reynolds, Rose, and Walker.)
Imperial Chemical Industries Limited. (See Evans, J. G., Piggott, and Woolvin, assignors.)
Imperial Chemical Industries Limited. (See Evans, W. J. R., and Smith, assignors.)
Imperial Chemical Industries Limited. (See Fairweather, David A. W., assignor.)
Imperial Chemical Industries Limited. (See Fawcett, E. W., and Burrows, assignors.)
Imperial Chemical Industries Limited. (See Fawcett, E. W., Gibson, and Perrin, assignors.)
Imperial Chemical Industries Limited. (See Glass, John V. S., assignor.)
Imperial Chemical Industries Limited. (See Greenhalgh, Richard, assignor.)
Imperial Chemical Industries Limited. (See Grubb, W. J., Shaw, and Sennett, assignors.)
Imperial Chemical Industries Limited. (See Hardie, Thomas, assignor.)
Imperial Chemical Industries Limited. (See Heilbron, I. M., Hey, and Haworth, assignors.)
Imperial Chemical Industries Limited. (See Heilbron, I. M., Irving, and Linstead, assignors.)
Imperial Chemical Industries Limited. (See Heslop, R. N., and Tatum, assignors.)
Imperial Chemical Industries Limited. (See Hill, W. B., and Ridge, assignors.)
Imperial Chemical Industries Limited. (See Holm, John M., assignor.)
Imperial Chemical Industries Limited. (See Hood, Norman R., assignor.)
Imperial Chemical Industries Limited. (See Houghton, Albert A., assignor.)
Imperial Chemical Industries Limited. (See Knight, Arthur H., assignor.)
Imperial Chemical Industries Limited. (See Lefebure, Victor, assignor.)
Imperial Chemical Industries Limited. (See Leicester, Fred D., assignor.)
Imperial Chemical Industries Limited, et al. (See Lindblad, A. R., and Herneryd, assignors.)
Imperial Chemical Industries Limited. (See Linstead, R. P., and Dent, assignors.)
Imperial Chemical Industries Limited. (See McCowen, John L., assignor.)
Imperial Chemical Industries Limited. (See McGill, John H., assignor.)
Imperial Chemical Industries Limited. (See Milburn, Denys P., assignor.)
Imperial Chemical Industries Limited. (See Moilliet, John L., assignor.)
Imperial Chemical Industries Limited. (See Myles, James R., assignor.)
Imperial Chemical Industries Limited. (See Myles, J. R., and Bache, assignors.)
Imperial Chemical Industries Limited. (See Paton, J. G., and Williams, assignors.)
Imperial Chemical Industries Limited. (See Pearson, John L., assignor.)
Imperial Chemical Industries Limited. (See Perrin, M. W., Fawcett, Paton, and Williams, assignors.)
Imperial Chemical Industries Limited. (See Perrin, M. W., Paton, and Willaims, assignors.)
Imperial Chemical Industries Limited. (See Piggott, H. A., and Rose, assignors.)
Imperial Chemical Industries Limited. (See Piggott, H. A., and Woolvin, assignors.)
Imperial Chemical Industries Limited. (See Renfrew, A., and Gates, assignors.)
Imperial Chemical Industries Limited. (See Reynolds, R. J. W., and Walker, assignors.)
Imperial Chemical Industries Limited. (See Riley, Albert, assignor.)
Imperial Chemical Industries Limited. (See Swallow, J. C., and Perrin, assignors.
Imperial Chemical Industries Limited. (See Tattersall, Harold J., assignor.)
Imperial Chemical Industries Limited. (See Taylor, James, assignor.)
Imperial Chemical Industries Limited. (See Taylor, J., and Williams, assignors.)
Imperial Chemical Industries Limited. (See Traill, David, assignor.)
Imperial Chemical Industries Limited. (See Warne, K. C., and Woolcock, assignors.)
Imperial Chemical Industries Limited. (See Waterman, H. I., and Van Vlodrop, assignors.)
Imperial Chemical Industries Limited. (See Whitworth, E., and Thomson, assignors.)
Imperial Chemical Industries Limited. (See Wyler, Max, assignor.)
Imperial Chemical Industries Limited. (See Hill, A., and Walker, assignors.)
Imperial Chemical Industries Limited. (See Hill, R., and Isaacs, assignors.)
Imperial Chemical Industries Limited. (See Lodge, Frank, assignor.)
Imperial Chemical Industries Limited. (See Ogden, Geoffrey, assignor.)
Imperial Chemical Industries Limited. (See Race, E., Rowe, and Speakman, assignors.)
Imperial Chemical Industries, Limited. (See Rubenstein, Leon, assignor.)
Imperial Oil & Gas Products Company. (See Knapp, William A., assignor.)
Imperial Paper Box Corporation. (See Triolo, Louis, assignor.)
Imperial Paper and Color Corporation. (See van Wirt, Alfred E., assignor.)
Imperial Rayon Corporation. (See Tarbox, John P., assignor.)
Imperial Typewriter Company Limited. (See Etheridge, Herbert, assignor.)
Inaki, Toyojiro, Fresno, Calif. Automobile signaling device. 2,225,221; Dec. 17.
Indemse Corporation, The. (See Hicks, Frederick T., assignor.)
Indemse Corporation, The. (See Johnson, Cecil L., assignor.)
Independent Die and Supply Company. (See Lindholm, Carl F., assignor.)
Independent Lock Company. (See Falk, Morris, assignor.)
Independent Pneumatic Tool Co. (See Douglass, Cecil N., assignor.)
Independent Pneumatic Tool Co. (See Forss, Frithiof P., assignor.)
Independent Pneumatic Tool Co. (See Nash, William W., assignor.)
Indest, Heinz, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to William Currie, New York, N. Y. Catalytic polymerization of olefins. 2,210,148; Aug. 6.
Indge, Herbert S. (See Dunbar, H. W., and Indge.)
Indge, Herbert S. (See Nye, T. H., and Indge.)
Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Lapping machine. 2,200,173; May 7.
Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Microlapping machine. 2,201,955; May 21.
Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Abrading machine. 2,206,842; July 2.
Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Device for honing cylindrical surfaces. 2,213,027; Aug. 27.
Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Cylindrical grinding machine. 2,220,768; Nov. 5.
Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Machine for grinding crankshafts. 2,221,260; Nov. 12.
Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Honing apparatus. 2,221,637; Nov. 12.
Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Grinding machine. 2,221,638; Nov. 12.
India Rubber, Gutta Percha and Telegraph Works Company Limited, The. (See Tarris, F. J., and Webb, assignors.)
Indian Refining Company. (See Govers, Francis X., assignor.)

Indiana Steel Products Company, The. (See Russell, H. W., and Jackson, assignors.)
Indiana Steel & Wire Company. (See Fowle, Frank F., assignor.)
Indiana Steel & Wire Company. (See Kitselman, Harry L., assignor.)
Indrieri, Alexander F., Chicago, Ill. Spring motor. 2,222,100; Nov. 19.
Industrial Brownhoist Corp. (See Holcomb, Anson M., assignor.)
Industrial Brownhoist Corporation. (See Taylor, Ernest W., assignor.)
Industrial Ceramic Products Inc. (See Orth, H. S., Oberst, and Cramer, assignors.)
Industrial Clutch Company. (See Eason, Clarence M., assignor.)
Industrial Developments Incorporated. (See Charles S., assignor.)
Industrial Engineering Corporation. (See Miller, William F., assignor.)
Industrial Hosiery Mills, Inc. (See Vogler, Willy M., assignor.)
Industrial Machine Corporation. (See McHugh, Joseph P., assignor.)
Industrial Patents Corporation. (See Burnett, Alexander, assignor.)
Industrial Patents Corporation. (See De Vout, Anson W., assignor.)
Industrial Patents Corporation. (See Ellis, Daniel G., assignor.)
Industrial Patents Corporation. (See Frederick, L. D., and Bloom, assignors.)
Industrial Patents Corporation. (See Grettie, Donald P., assignor.)
Industrial Patents Corporation. (See Guillaudeu, Arthur, assignor.)
Industrial Patents Corporation. (See Hartanov, Andrew S., assignor.)
Industrial Patents Corporation. (See Lager, Eric W., assignor.)
Industrial Patents Corporation. (See McKee, Harry H., assignor.)
Industrial Patents Corporation. (See Mink, Leon D., assignor.)
Industrial Patents Corporation. (See Sanders, Marion D., assignor.)
Industrial Patents Corporation. (See Walter, Charles T., assignor.)
Industrial Patents Corporation. (See Wise, V. A., Duffies, Henney, and Lohner, assignors.)
Industrial Patents, Limited. (See Herbsman, Abraham M., assignor.)
Industrial Process Corporation. (See Minor, Henry R., assignor.)
Industrial Rayon Corporation. (See Andersson, Per J. E., assignor.)
Industrial Rayon Corporation. (See Bergmann, R. F., Walters, and Samerdyke.)
Industrial Rayon Corporation. (See Burkholder, Alden H., assignor.)
Industrial Rayon Corporation. (See Fryer, L. S., and Lovett, assignors.)
Industrial Rayon Corporation. (See Hillix, Foster F., assignor.)
Industrial Rayon Corporation. (See Jordan, Lavern J., assignor.)
Industrial Rayon Corporation. (See Jordan, L. J., Andersson, and Knebusch, assignors.)
Industrial Rayon Corporation. (See Kline, H. B., and Knebusch, assignors.)
Industrial Rayon Corporation. (See Kline, H. B., Knebusch, and Burkholder, assignors.)
Industrial Rayon Corporation. (See Knebusch, Walter F., assignor.)
Industrial Rayon Corporation. (See Knebusch, W. F., and Burkholder, assignors.)
Industrial Rayon Corporation. (See Knebusch, W. F., and Hillix, assignors.)
Industrial Rayon Corporation. (See Lovett, Louis E., assignor.)
Industrial Rayon Corporation. (See Samerdyke, F. J., and Lovett, assignors.)
Industrial Rayon Corporation. (See Torrence, G. P., Bergmann, and Knebusch, assignors.)
Industrial Rayon Corporation. (See Torrence, G. P., Bergmann, and Walters, assignors.)
Industrial Research Laboratories, Ltd. (See Hahn, Otto W., assignor.)
Industrial Research Laboratories, Ltd. (See Hirsch, W. F., and Bayless, assignors.)
Industrial Sheet Metal Works, Inc. (See Peters, Otto A., assignor.)
Ineson, Clifton H., Oakville, Conn., assignor, by mesne assignments, to H. Alfandre, New York, N. Y. Strap and buckle assembling apparatus. 2,222,033; Nov. 19.
Infilco, Inc. (See Hughes, Walter J., assignor.)
Informat, Inc. (See Johnson, A. R., and Watson, assignors.)
Ingalls, Gerry G., Newport, Minn. Brake operating mechanism. Re. 21,431; Apr. 23.
Ingalsbe, Jabez N., Glens Falls, N. Y. Driving head for lathes. 2,194,391; Mar. 19.
Ingenieurbüro für Huttenlau Wilhelm Schwier. (See Wohlfahrt, Edvard S. S., assignor.)
Ingersoll, Andrew J. (See Smith, L., and Ingersoll.)

Ingersoll, Harold G., and A. C. Borg, New Castle, Ind., assignors to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,189,534; Feb. 6.
Ingersoll Milling Machine Company, The. (See Hanitz, Hans T. R., assignor.)
Ingersoll Milling Machine Company, The. (See Johnson, John R., assignor.)
Ingersoll Milling Machine Company, The. (See Kraus, Charles E., assignor.)
Ingersoll Milling Machine Company, The. (See Oberhoffken, A., and Johnson, assignors.)
Ingersoll Milling Machine Company, The. (See Oberhoffken, A., and Strachan, assignors.)
Ingersoll Milling Machine Company. (See Ridgway, William F., assignor.)
Ingersoll Milling Machine Company, The. (See Weddell, Ralph R., assignor.)
Ingersoll-Rand Company. (See Alderson, William T., assignor.)
Ingersoll-Rand Company. (See Allen, Roy O., assignor.)
Ingersoll-Rand Company. (See Baker, Charles S., assignor.)
Ingersoll-Rand Company. (See Blank, Charles E., assignor.)
Ingersoll-Rand Company. (See Dicker, Arthur F., Sr., assignor.)
Ingersoll-Rand Company. (See Doyle, Frank B., assignor.)
Ingersoll-Rand Company. (See Eppens, Ernest G., assignor.)
Ingersoll-Rand Company. (See Fitch, Clifford E., assignor.)
Ingersoll-Rand Company. (See Frelin, Fritjof, assignor.)
Ingersoll-Rand Company. (See Fuehrer, George H., assignor.)
Ingersoll-Rand Company. (See Hornschuch, Hanns, assignor.)
Ingersoll-Rand Company. (See Hulshizer, Joseph I., assignor.)
Ingersoll-Rand Company. (See Jimerson, Francis A., assignor.)
Ingersoll-Rand Company. (See Jones, Joseph W., assignor.)
Ingersoll-Rand Company. (See Naab, Julius, assignor.)
Ingersoll-Rand Company. (See Karr, Alfred D., assignor.)
Ingersoll-Rand Company. (See McHugh, Anthony L., assignor.)
Ingersoll-Rand Company. (See Metzgar, Chester W., assignor.
Ingersoll-Rand Company. (See Miller, Frank, assignor.)
Ingersoll-Rand Company. (See Reed, Robert H., assignor.)
Ingersoll-Rand Company. (See Shepherd, B. F., and Zimmerman, assignors.)
Ingersoll-Rand Company. (See Slater, Fred M., assignor.)
Ingersoll-Rand Company. (See Smith, William A., Sr., assignor.)
Ingersoll-Rand Company. (See Terry, Edward F., assignor.)
Ingersoll-Rand Company. (See Wickens, Edward F., assignor.)
Ingersoll-Rand Company. (See Williams, Peter A., assignor.)
Ingersoll, Roy C., Winnetka, assignor to Borg-Warner Corporation, Chicago, Ill. Making wheels. 2,192,403; Mar. 5.
Ingersoll, Roy C., Winnetka, assignor to Borg-Warner Corporation, Chicago, Ill. Bacon fryer. 2,200,335; May 14.
Ingersoll, Roy C., Oak Park, Ill., assignor to Borg-Warner Corporation. Routing articles through a furnace. 2,218,935; Oct. 22.
Ingersoll, Roy C., Oak Park, and R. H. Sullivan, assignors to Borg-Warner Corporation, Chicago, Ill. Receptacle cover. 2,187,154; Jan. 16.
Ingleby, George A., Cranston, assignor to The Hadley Company, Inc., Providence, R. I. Cravat holder. 2,192,379; Mar. 5.
Ingleside Company, The. (See Slayter, G., and Collins, assignors.)
Inglis, Stuart, Paterson, N. J. Stapling machine. 2,217,411; Oct. 8.
Ingoldby, Maurice K., assignor to The Variable Speed Gear Limited, London, England. Hydraulic pump or motor. 2,225,911; Dec. 24.
Ingraham, Dean C., Kensington Park, and W. Wong, Berkeley, Calif, assignors to The Glidden Company, Cleveland, Ohio. Preparing salad dressing. 2,185,465; Jan. 2.
Ingraham, E., Company, The. (See Carlson, Elof L., assignor.)
Ingraham, E., Company, The. (See Ciccarelli, Ostilio, assignor.)
Ingraham, E., Company, The. (See Poole, Arthur B., assignor.)
Ingraham, E., Company, The. (See Wilbur, Donald A., assignor.)
Ingraham, H. S., et al. (See Bittner, John M., assignor.)
Ingraham, William W., Williamstown, W. Va. Game. 2,197,306; Apr. 16.
Ingram, Arthur, assignor of one-half to H. J. Fell, London, England. Footwear. 2,204,679; June 18.

Ingram, Cleveland B., Baker, Oreg. Wire stringing block. 2,188,715; Jan. 30.
Ingram, Harry, Wheeling, W. Va. Venting closure for jars and other receptacles. 2,193,420; Mar. 12.
Ingram, Harry, Wheeling, W. Va. Venting closure for jars, cans, and other receptacles. 2,198,366; Apr. 23.
Ingram, Joseph R., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Preservation of Rubber. 2,187,155; Jan. 16.
Ingram, Joseph R., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Age resisting rubber composition. 2,191,664; Feb. 27.
Ingram, Joseph R., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Age resisting rubber composition. 2,226,771; Dec. 31.
Ingram, Sydney B., Fairlawn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Photoelectric tube. 2,208,129; July 16.
Ingwer, Carl H., and C. E. Wright, Elyria, assignors to The Ridge Tool Company, North Ridgeville, Ohio. Die carrier for die stocks. 2,219,721; Oct. 29.
Ingwer, Max, Forest Hills, assignor to Consolidated Sewing Machine & Supply Co. Inc., New York, N. Y. Skirt marker. 2,202,659; May 28.
Ingwer, Max, Forest Hills, assignor to Consolidated Sewing Machine & Supply Co. Inc., New York, N. Y. Skirt marker. 2,202,660; May 28.
Injecta Aktiengesellschaft. (See Lebkuckner, Karl, assignor.)
Injecta Aktiengesellschaft. (See Vontobel, Jakob, assignor.)
Injecta Aktiengesellschaft. (See Vontobel, J., and Lebküchner, assignors.)
Injection Moulding Corp. (See Whyte, Daniel D., assignor.)
Ink, Joseph W., Totowa, N. J. Game. 2,223,175; Nov. 26.
Inlaid Optical Corporation. (See Swanson, Rudolph E., assignor.)
Inland Air Lines, Incorporated. (See Garrett, Robert V., assignor.)
Inland Container Corporation. (See Smith, Clarence F., assignor.)
Inland Steel Company. (See Harder, Oscar E., assignor.)
Inland Steel Company. (See Nead, John H., assignor.)
Inland Steel Company. (See Smith, Wallace W., assignor.)
Inman, Ulysses A., Long Beach, Calif. Hydraulic brake bleeder. 2,194,753; Mar. 26.
Inman, Ulysses A., Long Beach, Calif. Shaft or tube press. 2,203,092; June 4.
Innes, Arland I., Fort Worth, Tex., assignor to Geophysical Research Corporation, New York N. Y. Seismic surveying. 2,192,972; Mar. 12.
Innes, Arland I., Fort Worth, Tex., assignor to Geophysical Research Corporation, New York N. Y. Seismic surveying. 2,192,973; Mar. 12.
Innes Company. (See Innes, George, assignor.)
Innes, George, Davenport, Iowa, assignor to Innes Company, Bettendorf, Iowa. Pick-up mechanism. Re. 21,571; Sept. 17.
Innes, Wilbert F., Des Moines, Iowa. Dispensing package. 2,195,369; Mar. 26.
Innis, Robert I., Winthrop, Mass. Wall switch. 2,211,818; Aug. 20.
Innis, Robert I., Winthrop, Mass. Wall switch. 2,211,819; Aug. 20.
Innovation Brakes, Inc. (See Shelor, Frederick L., assignor.)
Inokuchi, Toyohachiro Toshima-ku, Tokyo, and Uichi Kawarahata, Kawagoye, assignors to Toyo Gomu Kagakukogyo Kabushiki Kaisha, Tokyo, Japan. Process and apparatus for spinning rubber thread from rubber latex. 2,199,882; May 7.
Inoue, Ryohei. (See Kajita, T., and Inoue.)
Inoue, Ryohei. (See Kajita, T., Inoue, and Yamanouchi.)
Insam, Theodor, Kitzbuhel, assignor to Degenhard Graf von Wurmbrand-Stuppach, Vienna, Germany. Emergency stretcher contrivance for use on ski tours. 2,203,909; June 11.
Insko, Robert D., Paris, Ky. Hydraulic brake for motorcycles and bicycles. 2,189,904; Feb. 13.
Institute of American Meat Packers. (See Regensburger, Richard W., assignor.)
Institute of Paper Chemistry, The. (See Graff, J. H., and Root, assignor.)
Institute of Paper Chemistry, The. (See Kress, Otto, assignor.)
Institute of Paper Chemistry, The. (See Kress, O., and Johnson, assignors.)
Institute of Paper Chemistry, The. (See Lewis, Harry F., assignor.)
Institute of Paper Chemistry. (See Lewis, H. F., and Kukolich, assignors.)
Institute of Paper Chemistry, The. (See Rowland, Ben W., assignor.)
Institute of Paper Chemistry, The. (See Van den Akker, J. A., and Nolan, assignors.)
Institute of Paper Chemistry, The. (See Wicker, Dan B., assignor.)
Insulation Products Limited. (See Stuart, J. C. K., and Vanderburgh, assignors.)
Insulfoil Corporation of America. (See Gazelle, Michel S., assignor.)
Insulite Company, The. (See Ellis, George H., assignor.)
Insulite Company, The. (See Fisher, Albert A., assignor.)
Intensive Cultivations Company. (See Lewis, W. A., and Dashwood, assignors.)
Interchemical Corporation. (See Blackmore, Paul O., assignor.)
Interchemical Corporation. (See Cassel, Norman S., assignor.)
Interchemical Corporation. (See Cummings, John S., assignor.)
Interchemical Corporation. (See Engle, Loy S., assignor.)
Interchemical Corporation. (See George, Fred, assignor.)
Interchemical Corporation. (See Gessler, Albert E., assignor.)
Interchemical Corporation. (See Giambalvo, Vito, assignor.)
Interchemical Corporation. (See Hardy, Arthur C., assignor.)
Interchemical Corporation. (See Hargrave, John T., assignor.)
Interchemical Corporation. (See Hartwell, Jonathan L., assignor.)
Interchemical Corporation. (See Hess, Frederic O., assignor.)
Interchemical Corporation. (See Jenett, Henry, assignor.)
Interchemical Corporation. (See Jenett, H., and Meeker, assignors.)
Interchemical Corporation. (See Jones, Wilbur L., assignor.)
Interchemical Corporation. (See Mann, Carl P., assignor.)
Interchemical Corporation. (See Porter, Philip K., assignor.)
Interchemical Corporation. (See Ryan, L. W., and Cauwenberg, assignors.)
Interchemical Corporation. (See Sorkin, Morris, assignor.)
Interchemical Corporation. (See Turek, Frank S., assignor.)
Intermetal Corporation. (See Jenness, Leslie G., assignor.)
Interna Holding, Société Anonyme. (See Breslav, Victor, assignor.)
International Boiler Works Co., The. (See Rockefeller, Robert J., assignor.)
International Boiler Works Co., The. (See Taylor, Ernest H., assignor.)
International Braid Company. (See Colby, George E., assignor.)
International Business Machines Corporation. (See Ayres, Waldemar A., assignor.)
International Business Machines Corporation. (See Beiderbecke, Charles H., assignor.)
International Business Machines Corporation. (See Blakely, Robert T., assignor.)
International Business Machines Corporation. (See Blakely, R., and Dickinson, assignors.)
International Business Machine Corporation. (See Brand, Samuel, assignor.)
International Business Machines Corporation. (See Brand, S., and Ayres, assignors.)
International Business Machines Corporation. (See Bryce, James W., assignor.)
International Business Machines Corporation. (See Bryce, J. W., and Dickinson, assignors.)
International Business Machines Corporation. (See Campbell, Charles, assignor.)
International Business Machines Corporation. (See Carroll, Fred M., assignor.)
International Business Machines Corporation. (See Carroll, F. M., and Bakelaar, assignors.)
International Business Machines Corporation. (See Conradi, L. C., and Barnes, assignors.)
International Business Machines Corporation. (See Cunningham, James M., assignor.)
International Business Machines Corporation. (See Cunningham, J. M., and Rowley, assignors.)
International Business Machines Corporation. (See Daly, G. F., and Wells, assignors.)
International Business Machines Corporation. (See Dicksinon, Arthur H., assignor.)
International Business Machines Corporation. (See Dickinson, A. H., and Roth, assignors.)
International Business Machines Corporation. (See Dodge, Ronald D., assignor.)
International Business Machines Corporation. (See Doty, Charles R., assignor.)
International Business Machines Corporation. (See Faller, Ernest A., assignor.)
International Business Machines Corporation. (See Fitch, Clyde J., assignor.)
International Business Machines Corporation. (See Fitch, C. J., and Schneider, assignors.)
International Business Machines Corporation. (See Ford, Eugene A., assignor.)
International Business Machines Corporation. (See Fuller, Frederick L., assignor.)
International Business Machines Corporation. (See Fuller, F. L., and Beattie, assignors.)
International Business Machines Corporation. (See George, H. G., and Skofteland, assignors.)
International Business Machines Corporation. (See Gifford, Emerson W., assignor.)

International Business Machines Corporation. (See Gilson, William B., assignor.)
International Business Machines Corporation. (See Harrison, L. S., and Rabenda, assignors.)
International Business Machines Corporation. (See Karlsen, Karl H., assignor.)
International Business Machines Corporation. (See Keen, H. H., and Woodhead, assignors.)
International Business Machines Corporation. (See Lang, William, assignor.)
International Business Machines Corporation. (See Lang, W., and Heddendorf, assignors.)
International Business Machines Corporation. (See Lewis, W. L., and Wilkerson, assignors.)
International Business Machines Corporation. (See Lowkrantz, Gunne, assignor.)
International Business Machines Corporation. (See Mair, W. J., and Rutbell, assignors.)
International Business Machines Corporation. (See Malmros, Gustav V. A., assignor.)
International Business Machines Corporation. (See McDowell, William W., assignor.)
International Business Machines Corporation. (See Mills, Albert W., assignor.)
International Business Machines Corporation. (See Mills, A. W., and Furman, assignors.)
International Business Machines Corporation. (See Naylor, W. E., and Schlessiger, assignors.
International Business Machines Corporation. (See Nichols, Harry J., assignor.)
International Business Machines Corporation. (See Noonan, John J., assignor.)
International Business Machines Corporation. (See Paris, Robert E., assignor.)
International Business Machines Corporation. (See Peirce, John R., assignor.)
International Business Machines Corporation. (See Peirce, John R., and Torkelson, assignors.)
International Business Machines Corporation. (See Petz, J. L., Crumrine, and Dodge, assignors.)
International Business Machines Corporation. (See Rast, Frederick Q., assignor.)
International Business Machines Corporation. (See Scharr, Walter P., assignor.)
International Business Machines Corporation. (See Schneider, Kurt R., assignor.)
International Business Machiness Corporation. (See Schneider, K. R., and Fitch, assignors.)
International Business Machines Corporation. (See Simpson, J. O., Webb, and Mandeville, assignors.)
International Business Machines Corporation. (See Smith, Clarence C., assignor.)
International Business Machines Corporation. (See Smith, C. C., and Johnson, assignors.)
International Business Machines Corporation. (See Tauschek, Gustav, assignor.)
International Business Machines Corporation. (See Thomas, Ross G., Jr., assignor.)
International Business Machines Corporation. (See Thorsson, Matthew T., assignor.)
International Business Machines Corporation. (See Tomkinson, Charles H., assignor.)
International Business Machines Corporation. (See Torkelson, Torkel E., assignor.)
International Business Machines Corporation. (See Umhauer, Herbert J., assignor.)
International Business Machines Corporation. (See Von Pein, Edward J., assignor.)
International Business Machines Corporation. (See Von Pein, E. J., and Schlessiger, assignors.)
International Business Machines Corporation. (See von Reppert, Richard, assignor.)
International Business Machines Corporation. (See Weinlich, Hermann A., assignor.)
International Business Machines Corporation. (See Wilson, Joseph T., assignor.)
International Business Machines Corporation. (See Wood, Norman M., assignor.)
International Cellucotton Products Company. (See Fourness, C. A., and Harwood, assignors.)
International Cellucotton Products Company. (See Petersen, Gordon W., assignor.)
International Cellucotton Products Company. (See Tatter, Ernst O. P., assignor.)
International Chain & Manufacturing Company. (See Campbell, George J., Jr., assignor.)
International Cigar Machinery Company. (See Broekhuysen, William C., assignor.)
International Cigar Machinery Company. (See Carlson, Hjalmar E., assignor.)
International Cigar Machinery Company. (See Clausen, Sigurd, assignor.)
International Cigar Machinery Company. (See Ferenci, Lester, assignor.)
International Cigar Machinery Company. (See Gwinn, G. W., and Leary, assignors.)
International Cigar Machinery Company. (See Johnson, Cecil E., assignor.)
International Cigar Machinery Company. (See Neumair, Joseph A., assignor.)
International Cigar Machinery Company. (See Peterson, Pontus, assignor.)
International Cigar Machinery Company. (See Richter, Franz, assignor.)
International Cigar Machinery Company. (See Rundell, Rupert E., assignor.)
International Cigar Machinery Company. (See Warren, James W., assignor.)
International Cigar Machinery Company. (See Wheeler, Henry H., assignor.)
International Coin Counting Machine Company Limited, The. (See Rand, Leonard A., assignor.)
International Derrick & Equipment Company of Texas, The. (See Bloss, Richard R., assignor.)
International Door Company. (See Hagenbook, Thurloe M., assignor.)
International Elevator Company. (See Gorman, Vincent J., assignor.)
International Engineering Corporation. (See Brace, Kemper, P., assignor.)
International Engineering Corporation. (See Clark, Kendall, assignor.)
International Engineering Corporation. (See Kliesrath, Victor W., assignor.)
International Engineering Corporation. (See Ney, Alfred M., assignor.)
International Engineering Corporation. (See Sowa, Frank J., assignor.)
International Filter Co. (See Hughes, Walter J., assignor.)
International Filter Co. (See Koupal, R. J., and Green, assignors.)
International Folding Paper Box Co. (See Kane, J. Warren, assignor.)
International Frictionless Brake Corporation. (See Carpenter, Mason P., assignor.)
International Harvester Company. (See Acton, Russel D., assignor.)
International Harvester Company. (See Avila, Frank W., assignor.)
International Harvester Company. (See Bach, Abel W., assignor.)
International Harvester Company. (See Baker, David B., assignor.)
International Harvester Company. (See Baker, D. B., and Anthony, assignors.)
International Harvester Company. (See Baker, D. B., Bechman, Hartsough, and Overholt, assignors.)
International Harvester Company. (See Baker, D. B., Rogers, and Bechman, assignors.)
International Harvester Company. (See Bechman, William O., assignor.)
International Harvester Company. (See Bechman, W. O., and Holmberg, assignors.)
International Filter Co. (See Behrman, Abraham S., assignor.)
International Harvester Company. (See Benjamin Bert R., assignor.)
International Harvester Company. (See Benjamin, B. R., and Mott, assignors.)
International Harvester Company. (See Bennett, Dale L., assignor.)
International Harvester Company. (See Berg, E. W., and Asbridge, assignors.)
International Harvester Company. (See Book, R. H., and Currier, assignors.)
International Harvester Company. (See Booty, Philip C., Jr., assignor.)
International Harvester Company. (See Dyrr, Jacob V., assignor.)
International Harvester Company. (See Engstrom, Gustaf W., assignor.)
International Harvester Company. (See Finne, Jacob von S., assignor.)
International Harvester Company. (See Graham, William S., assignor.)
International Harvester Company. (See Graham, W. S., and Hand, assignors.)
International Harvester Company. (See Graves, E. R., Powell, Kubalanza, and Voigt, assignors.)
International Harvester Company. (See Harstick, William H., assignor.)
International Harvester Company. (See Hipple, James L., assignor.)
International Harvester Company. (See Hodsdon, Floyd G., assignor.)
International Harvester Company. (See Hyman, Benjamin M., assignor.)
International Harvester Company. (See Johnston, Edward A., assignor.)
International Harvester Company. (See Johnston, E. A., and Lindgren, assignors.)
International Harvester Company. (See Knoth, Harold M., assignor.)
International Harvester Company. (See Kowalsky, Andrew, assignor.)
International Harvester Company. (See Kriegbaum, George M., assignor.)
International Harvester Company. (See Kriegbaum, G. M., and Haas, assignors.)
International Harvester Company. (See Lawless, Nathan M., assignor.)
International Harvester Company. (See Lindgren, Alexus C., assignor.)
International Harvester Company. (See Lindgren, A. C., and Johnson, assignors.)
International Harvester Company. (See Lindgren, A. C., and Mott, assignors.)

International Harvester Company. (See Lindgren, A. C., and Raney, assignors.)
International Harvester Company. (See Lindgren, A. C., and Smith, assignors.)
International Harvester Company. (See MacDonald, Howard D., assignor.)
International Harvester Company. (See MacDonald, H. D., assignor and Brink.)
International Harvester Company. (See McNamara, Gordon G., assignor.)
International Harvester Company. (See Morkoski, James, assignor.)
International Harvester Company. (See Mott, Carl W., assignor.)
International Harvester Company. (See Mowry, Edward, assignor.)
International Harvester Company. (See Pearson, Charles, assignor.)
International Harvester Company. (See Raney, C. R., MacDonald, and Schmied, assignors.)
International Harvester Company. (See Renno, Donald G., assignor.)
International Harvester Company. (See Renno, D. G., and Fields, assignors.)
International Harvester Company. (See Rogers, C. R., and Bechman, assignors.)
International Harvester Company. (See Svoboda, Edward J., assignor.)
International Harvester Company. (See Thompson, Frank, assignor.)
International Harvester Company. (See Young, Stephen M., assignor.)
International Metal Industries Limited. (See Brouse, William H. D., assignor.)
International Milling Company. (See Cecka, Thomas G., assignor.)
International Nickel Company, The. (See Ballay, Marcel, assignor.)
International Nickel Company, The. (See Bieber, Clarence G., assignor.)
International Nickel Company, The. (See Bieber, C. G., and Buck, assignors.)
International Nickel Company, The. (See Brophy, G. R., and French, assignors.)
International Nickel Company, The. (See Brown, Herman M., assignor.)
International Nickel Company. (See Copson, Harry R., assignor.)
International Nickel Company. (See Crocker, C. G., Crosby, and Clappier, assignors.)
International Nickel Company, The. (See Gagnebin, Albert P., assignor.)
International Nickel Company. (See Huston, F. P., and Wesley, assignors.)
International Nickel Company, The. (See Kihlgren, Theodore E., assignor.)
International Nickel Company. (See Knapp, Burton B., assignor.)
International Paper Box Machine Company, The. (See La Bombard, Leon E., assignor.)
International Paper Box Machine Company, The. (See Metzger, Henry L., assignor.)
International Paper Company. (See Bebie, Edwin W., assignor.)
International Paper Company. (See Mahannah, E. A., and Bailey, assignors.)
International Paper Company. (See Meendsen, Frederick H., assignor.)
International Paper Company. (See Youngchild, Casper E., assignor.)
International Photo Copy Inc. (See Fullerton, Robert H., assignor.)
International Precipitation Company. (See Anderson, Evald, assignor.)
International Precipitation Company. (See Knight, Alfred W., assignor.)
International Printing Ink Corporation, The. (See Larsen, Louis M., assignor.)
International Projector Corporation. (See Boecking, Ewald, assignor.)
International Projector Corporation. (See Griffin, Herbert, assignor.)
International Projector Corporation. (See Griffin, H., and Kindelmann, assignors.)
International Projector Corporation. (See Kindelmann, Albert, assignor.)
International Projector Corporation. (See Kindelmann, A., and Heidegger, assignors.)
International Projector Corporation. (See Kindelmann, A., and Soehl, assignors.)
International Projector Corporation. (See Krulish, John A., assignor.)
International Pulverizing Corporation. (See Hobbie, Albert C., assignor.)
International Register Company. (See Butler, Jack S., assignor.)
International Register Company. (See Martin, Wendell L., assignor.)
International Register Company. (See Woodward, Arthur H., assignor.)
International Register Company. (See Woodward, A. H., Richmond, and Thompson.)
International Resistance Company. (See Marsten, Jesse, assignor.)
International Shoe Company. (See Jerichow, Earl, assignor.)
International Smelting and Refining Company. (See Christensen, Arthur L., assignor.)
International Smelting & Refining Company. (See Weaver, Elbert F., assignor.)
International-Stacey Corporation. (See Athy, Clifford R., assignor.)
International-Stacey Corporation. (See Athy, C. R., and Pfeil, assignors.)
International-Stacey Corporation. (See Bowser, Clarence D., assignor.)
International Standard Electric Corporation. (See Barnard, Roy M., assignor.)
International Standard Electric Corporation. (See Bast, G. H., and Stieltjes, assignors.)
International Standard Electric Corporation. (See Beale, Evelyn S. L., assignor.)
International Standard Electric Corporation. (See Black, Donald H., assignor.)
International Standard Electric Corporation. (See Brown, Andrew, assignor.)
International Standard Electric Corporation. (See Bruzau, M. E. A., Van Mierlo, and Bour, assignors.)
International Standard Electric Corporation. (See Busignies, Henri G., assignor.)
International Standard Electric Corporation. (See Clavier, A. G., Gloess and Le Boiteux, assignors.)
International Standard Electric Corporation. (See Clavier, A. G., and Rostás, assignors.)
International Standard Electric Corporation. (See Devaux, Lucien, assignor.)
International Standard Electric Corporation. (See Earp, Charles W., assignor.)
International Standard Electric Corporation. (See Elsome-Jones, R. J., and Ellison, assignors.)
International Standard Electric Corporation. (See Fennessy, Edward, assignor.)
International Standard Electric Corporation. (See Foord, Stanley G., assignor.)
International Standard Electric Corporation. (See Gallant, L. C., and Nouvellon, assignors.)
International Standard Electric Corporation. (See Giroz, Henry E., assignor.)
International Standard Electric Corporation. (See Gloess, Paul F. M., assignor.)
International Standard Electric Corporation. (See Griffiths, John B., assignor.)
International Standard Electric Corporation. (See Griffiths, J. B., and Brown, assignors.)
International Standard Electric Corporation. (See Kobayashi, M., Osawa, and Otake, assignors.)
International Standard Electric Corporation. (See Labin, Emile, assignor.)
International Standard Electric Corporation. (See Lalande, M. A., and Gloess, assignors.)
International Standard Electric Corporation. (See Lalande, M. A., and Redard, assignors.)
International Standard Electric Corporation. (See Litton, Charles V., assignor.)
International Standard Electric Corporation. (See McLarn, Ernest S., assignor.)
International Standard Electric Corporation. (See Niwa, Y., Kobayashi, and Hayashi, assignors.)
International Standard Electric Corporation. (See Perroux, George E. M., assignor.)
International Standard Electric Corporation. (See Rabuteau, Guy, assignor.)
International Standard Electric Corporation. (See Rabuteau, G., and Labin, assignors.)
International Standard Electric Corporation. (See Reinken, Louis W., assignor.)
International Standard Electric Corporation. (See Robin, Harold K., assignor.)
International Standard Electric Corporation. (See Scott, T. R., and Mildner, assignors.)
International Standard Electric Corporation. (See Scott, T. R., and Webb, assignors.)
International Standard Electric Corporation. (See Strong, Charles E., assignor.)
International Standard Electric Corporation. (See Tahon, Robert G., assignor.)
International Standard Electric Corporation. (See Van Mierlo, Stanislas, assignor.)
International Standard Electric Corporation. (See Wagstaffe, Charles F. A., assignor.)
International Standard Electric Corporation. (See Webb, John K., assignor.)
International Standard Electric Corporation. (See Webb, J. K., and Mildner, assignors.)
International Steel Wool Corporation. (See Seelenbinder, Robert F., assignor.)
International Telephone Development Co. (See Goldmann, Joachim, assignor.)
International Telephone Development Co. Inc. (See Kolster, Frederick A., assignor.)
International Ticket Company. (See Bryce, John A., assignor.)
International Tissue Corp. (See Burke, P., and Blosser, assignors.)
International Vehicular Parking Ltd. (See Herschede, Walter J., Eberhardt, and W. F. Herschede, assignors.)
International Vehicular Parking, Ltd. (See Toce, C. A., Broussard, and Woodruff, assignors.)

Internationaler Moratti Maschinenverkauf A. G. (See Schwichtenberg, Otto, assignor.)
Interpublic A.-G. (See Feigl, Fritz, assignor.)
Interpublic A.-G. (See Rosenzweig, Salo, assignor.)
Inter-Seal Corporation. (See Greene, Edgeworth, assignor.)
Interstate Bakeries Corporation. (See Quick, Claude E., assignor.)
Interstate Bakeries Corporation. (See Weltmer, Tracy C., assignor.)
Interstate Transit Lines. (See Goggins, James P., assignor.)
Intertype Corporation. (See Allan, G. W., and Simpson, assignors.)
Intertype Corporation. (See Freund, Herman R., assignor.)
Intertype Corporation. (See Sperry, Arthur G., assignor.)
Intertype Corporation. (See Sylte, Richard E., assignor.)
Interwoven Stocking Company. (See Davis, Robert E., Jr., assignor.)
Interwoven Stocking Company. (See Mettler, J. W., Miller, and Evans, assignors.)
Interwoven Stocking Company. (See Miller, J. H., and Evans, assignors.)
Interwoven Stocking Company. (See Thurston, P. L. and Hilker, assignors.)
Interwoven Stocking Company. (See Thurston, P. L., Nagley, and Hilker, assignors.)
Interwoven Stocking Company. (See Thurston, P. L., and Wilcox, assignors.)
Inventions Holding Corporation. (See Fox, Ansley H., assignor.)
Inventors Patent Holding Company. (See Mahr, Julius A., assignor.)
Investo Company. (See Montero, Bruno, assignor.)
Investors Syndicate. (See Champion, E. R., and Worel, assignors.)
Invex Corporation. (See Craig, Palmer H., assignor.)
Inzerillo, James, Chicago, Ill. Window seat. 2,189,520; Feb. 6.
Ioannu, John P., Philadelphia, Pa. Preparing fermentable mashes. 2,223,520; Dec. 3.
Ionides, Stephen A., assignor to William Ainsworth & Sons, Inc., Denver, Colo. Alidade. 2,217,224; Oct. 8.
Iowa Button Machinery Company. (See Carris, Edward C., assignor.)
Iowa Button Machinery Company. (See Carris, Edward C. and J. R., assignors.)
Iowa Manufacturing Company. (See Pollitz, Harold C., assignor.)
Iowa State College Research Foundation. (See Werkman, C. H., and Hammer, assignors.)
Ipatieff, Vladimir N. (See Monroe, G. S., and Ipatieff.)
Ipatieff, Vladimir, and H. Pines, assignors to Universal hydrocarbons. 2,187,034; Jan. 16.
Oil Products Company, Chicago, Ill. Treatment of
Ipatieff, Vladimir N., and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Hydrocarbon reactions. 2,199,564; May 7.
Ipatieff, Vladimir, and R. E. Schaad, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of motor fuels. 2,202,104; May 28.
Ipatieff, Vladimir N., and L. Schmerling, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of catalysts. 2,211,207; Aug. 13.
Ipatieff, Vladimir N., and B. B. Corson, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of catalysts. 2,211,208; Aug. 13.
Ipatieff, Vladimir, and R. E. Schaad, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,214,463; Sept. 10.
Ipatieff, Vladimir N., and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,217,019; Oct. 8.
Ipatieff, Vladimir N., and B. B. Corson, assignors to Universal Oil Products Company, Chicago, Ill. Reaction of metal catalysts. 2,225,782; Dec. 24.
Iredell, Charles V., Bloomfield, and T. J. Hankins, Springfield, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Method and apparatus for treating tungsten, and the product thereof. 2,215,645; Sept. 24.
Irelan, Ellison S., Plainville, assignor to Evans Case Company, North Attleboro, Mass. Compact and the like. 2,212,440; Aug. 20.
Ireland, Murray, near Elgin, assignor to McGraw Electric Company, Chicago, Ill. Automatic toaster. 2,196,393; Apr. 9.
Ireland, Murray, near Elgin, assignor to McGraw Electric Company, Chicago, Ill. Automatic toaster. 2,196,394; Apr. 9.
Ireland, Newton, Minneapolis, Minn. Portable window cleaning scaffold. 2,194,978; Mar. 26.
Irgens, Finn T., Milwaukee, Wis., assignor to Outboard, Marine & Manufacturing Company, Wilmington, Del. Cycle. 2,187,973; Jan. 23.
Irgens, Finn T., Wauwatosa, assignor to Outboard Marine & Manufacturing Company, Milwaukee, Wis. Pump. 2,212,939; Aug. 27.
Irish, John C., Kansas City, Mo. Method and apparatus for salvaging liquid egg material. 2,206,959; July 9.
Irish, John C., Kansas City, Mo. Process and apparatus for breaking eggs and salvaging liquid egg material. 2,206,960; July 9.
Irmann, Roland, assignor to Aluminium Industrie Aktien-Gesellschaft, Neuhausen, Switzerland. Manufacture of cartridge cases from aluminum alloys. 2,220,652; Nov. 5.
Iron Fireman Manufacturing Company. (See Carter, Haskell C., assignor.)
Irons, Carroll, assignor to The Dow Chemical Company, Midland, Mich. Treatment of wells. 2,189,798; Feb. 13.
Irons, Carroll, assignor to The Dow Chemical Company, Midland, Mich. Treatment of wells. 2,189,799; Feb. 13.
Irons, Carroll, and L. C. Chamberlain, assignors to The Dow Chemical Company, Midland, Mich. Treatment of wells. 2,189,800; Feb. 13.
Irons, Carroll R., assignor to The Dow Chemical Company, Midland, Mich. Treatment of wells. 2,211,696; Aug. 13.
Irons, Carroll R., assignor to The Dow Chemical Company, Midland, Mich. Treatment of wells. 2,219,319; Oct. 29.
Ironside, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Machine gun mount. 2,210,538; Aug. 6.
Ironsides Company, The. (See Williams, Robert C., assignor.)
Ironsides Company, The. (See Williams, R. C., and Hall, assignors.)
Irvin, Harry J., Dayton, Ohio. Kite. 2,203,150; June 4.
Irvin, Leslie L., Letchworth, Herts, England, assignor to Irving Air Chute Company, Inc., Buffalo, N. Y. Parachute apparatus. 2,192,083; Feb. 27.
Irvine, Clarence S. (See Holliday, T. B., and Irvine.)
Irvine, Fergus A., New Orleans, La., assignor, by mesne assignments, to The Celotex Corporation. Producing decorative fiberboard. 2,211,569; Aug. 13.
Irvine, Jan S., Toledo, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Pad for pressing machines. 2,198,620; Apr. 30.
Irvine, Milton H., assignor of one-third to F. R. Paulson, Los Angeles, and one-third to S. D. March, San Pedro, Calif. Paving. 2,185,341; Jan. 2.
Irving Air Chute Company. (See Irvin, Leslie L., assignor.)
Irving Air Chute Company. (See Waite, George, assignor.)
Irving Air Chute Co. Inc. (See Smith, Floyd, assignor.)
Irving, Arthur E. (See Tate, K. L., and Irving.)
Irving, Francis. (See Heilbron, I. M., Irving, and Linstead.)
Irving, John S., Birmingham, England., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch and gear operating mechanism for motor vehicles. 2,195,030; Mar. 26.
Irving, Walter E. (See Lewis, C. H., and Barry, assignors.)
Irvington Varnish & Insulator Co. (See Hanson, Carl F, assignor.)
Irwin Auger Bit Company, The. (See Albrecht, Alfred P., assignor.)
Irwin Auger Bit Company, The. (See Bone, A. R., and Albrecht, assignors.)
Irwin Auger Bit Company, The. (See Hiatt, Burritt M., assignor.)
Irwin Corporation. (See Raber, Irvin H., assignor.)
Irwin, Edward G. (See Irwin, Urth D., and E. G.)
Irwin, Edward L., Lewiston, Idaho. Circuit tester. 2,213,632; Sept. 3.
Irwin, Emmett M. (See Whitehead, C. L., Chenoweth, Irwin, Duval, Huntley, Rule, and Lewis.)
Irwin, George W., Holland, assignor to The Toledo General Manufacturing Company, Toledo, Ohio. Combined drilling and tapping machine. 2,189,422; Feb. 6.
Irwin, Herbert G., Amarillo, Tex. Belt tightener of the spring type. 2,221,479; Nov. 12.
Irwin, Herbert G., Amarillo, Tex. Wind power machine. 2,224.052; Dec. 3.
Irwin, Milton, assignor of one-half to W. G. Berg, Minneapolis, Minn. Irrigating apparatus. Re. 21,615; Nov. 5.
Irwin, Robert R., Sewickley, and H. W. Culbertson, Edgeworth, Pa. Thread protector. 2,213,430; Sept. 3.
Irwin Seating Company, The. (See La More, Harold C., assignor.)
Irwin, Urth D., Los Angeles, Calif. Roasting rack. 2,205,064; June 18.
Irwin, Urth D., and E. G. Irwin, Los Angeles, Calif. Roasting rack. 2,212,207; Aug. 20.
Irwin, Urth D., and E. G. Irwin, Los Angeles, Calif. Roasting rack. 2,214,137; Sept. 10.
Irwine, Robert L., Union, assignor to Motor Improvements, Inc., Newark, N. J. Filter-forming machine. 2,213,585; Sept. 3.
Isaac, Robert C., New York, N. Y. Garment clasp. 2,187,650; Jan. 16.
Isaacs, Elias. (See Hill, R., and Isaacs.)
Isaacson, Fred A., Topeka, Kans., assignor to Transportation Specialties Company, Chicago, Ill. Refrigerator car. 2,199,073; Apr. 30.
Isaacson, Harry H., Beacon, assignor to A. Fenaroli, Astoria, N. Y. Hassock. 2,214,586; Sept. 10.

Isaacson, Max, et al. (See Fraser, Kenneth G., assignor.)
Isaacson, Max, et al. (See Grant, Rudolph R., assignor.)
Isaacson, Max. (See Rehse, Frank H., assignor.)
Isaacson, Max, Dayton, Ohio. Shock absorber. 2,212,541; Aug. 27.
Isbell, Horace S., Washington, D. C., assignor to the Government of the United States represented by the Secretary of Commerce. Crystalline calcium lactobionate calcium bromide and making the same. 2,186,975; Jan. 16.
Isbell, John A., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Plate finishing machine. 2,216,741; Oct. 8.
Isbell, Robert N., Wake Forest, N. C. Viewing apparatus. 2,211,376; Aug. 13.
Ische, George H. (See Nilson, Harold, assignor.)
Ischinger, Alfred E., Mt. Penn, assignor to Textile Machine Works, Wyomissing, Pa. Fabric inspection device. 2,189,650; Feb. 6.
Isele, Louis E., assignor to The Waterbury Buckle Company, Waterbury, Conn. Hand dipping rack. 2,196,663; Apr. 9.
Isenberg, David, Brooklyn, assignor to Surface-Proofing Products, Inc., New York, N. Y. Corrosion-resisting composition. 2,216,514; Oct. 1.
Isenberg, Sampson. (See Hill, L. O., and Isenberg.)
Isenberg, Sampson, assignor to General Luminescent Corporation, Chicago, Ill. Luminescent material. 2,192,864; Mar. 5.
Isenberg, Sampson, assignor to General Luminescent Corporation, Chicago, Ill. Luminescent material. 2,222,509; Nov. 19.
Isenberg, Sampson, and R. C. Hultgren, assignors to General Luminescent Corporation, Chicago, Ill. Coating luminescent tubes. 2,222,510; Nov. 19.
Isenberg, Stanley, Chicago, Ill. Apparatus for treating shower sprays. 2,215,000; Sept. 17.
Isenhour, John H., Salisbury, N. C. Tile. 2,185,669; Jan. 2.
Isgren, Elmer E. (See Le Tourneau, R. G., Peterson, and Isgren.)
Ishiwata, Zenzo, Seta-gun, Gunma-ken, Japan. Apparatus for preventing raising of dust and splashing of mud by automobiles. 2,199,883; May 7.
Ishmael, John H., Spearfish, S. Dak. Signal. 2,189,362; Feb. 6.
Ish-Shalom, Samu-El, Brooklyn, N. Y. Air float mixer. 2,193,001; Mar. 12.
Ish-Shalom, Samu-El, Brooklyn, N. Y. Convertible mixing apparatus. 2,193,002; Mar. 12.
Ish-Shalom, Samu-El, Brooklyn, N. Y. Duplex mixing apparatus. 2,193,003; Mar. 12.
Ish-Shalom, Samu-El, Brooklyn, N. Y. Apparatus for mixing and sterilizing solids. 2,193,004; Mar. 12.
Ish-Shalom, Samu-El, Brooklyn, N. Y. Apparatus for mixing materials. 2,193,005; Mar. 12.
Isidore, Raymond, Millvale, and W. D. Faltz, Irwin, Pa., said Faltz assignor to said Isidore. Tooth paste dispenser. 2,203,629; June 4.
Ising, Gustaf A., Djursholm, Sweden. Gravity measurements. 2,221,480; Nov. 12.
Iske, Herbert. (See MacDonald, A. V., Minkler, and Iske.)
Islay Investment, Incorporated. (See Campbell, Donald J., assignor.)
Isler, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Durohydroquinone-monophytyl-ether and manufacture of same. 2,216,841; Oct. 8.
Isler, William, Cleveland, assignor to L. S. Sanders, Lakewood, Ohio. Drawing and method of and medium for making the same. 2,224,271; Dec. 10.
Isom, Dotcy. (See Bennett, Moses E., assignor.)
Isom, Leslie C. (See Glaser, M. A., and Isom.)
Israel, Dorman D., New Rochelle, N. Y., and L. F. Willging, Leonia, N. J., assignors to Emerson Radio & Phonograph Corporation, New York, N. Y. Power supply for radio receiving sets. 2,220,051; Oct. 29.
Israel, George W., Los Angeles, Calif. Office unit. 2,206,961; July 9.
Issartel, Joannes, and E. Robert, Lyon, France, assignors to Robissa S. A., Basle, Switzerland. Apparatus for coloring, printing, and decorating flat surfaces, particularly woven textiles. 2,203,910; June 11.
Isted, Reginald M., Horsham, England. Conveyer for tiles and the like. 2,198,036; Apr. 23.
Ito, Hidejiro, Yokohama-Shi, and T. Masuda, Tokyo-Shi, Japan. Manufacturing covered wires. 2,192,832; Mar. 5.
Ito, Kenji, Seattle, Wash. Refrigerator. 2,222,201; Nov. 19.
Ittner, Martin H., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Distillation of fatty acids. 2,202,007; May 28.
Ittner, Martin H., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Distillation of fatty acids. 2,202,008; May 28.
Ittner, Martin H., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Saponification of fats and oils. 2,221,799; Nov. 19.
Itzcovitz, Bernard, Brooklyn, N. Y., and C. Rosenblum, Newark, N. J., assignor to Harry Rubin, New York, N. Y. Assist strap for vehicles. 2,222,950; Nov. 26.
Itzigson, Samuel, Brooklyn, N. Y. Antiglare device. 2,210,762; Aug. 6.
Ivancin, Andrew, Chicago, Ill. Knife grinding machine. 2,211,014; Aug. 13.
Ivanhoe Foods Inc. (See Meaker, Ellis R., assignor.)
Ivano, Inc. (See Janser, Anthony J., assignor.)
Ivanoff, Alexander A., Farmingdale, N. Y. Toothpick dispenser. 2,212,268; Aug. 20.
Ivers-Lee Company. (See Salfisberg, Leroy L., assignor.)
Iversen, Lorenz, assignor to Mesta Machine Company, Pittsburgh, Pa. Method and apparatus for rolling metal strip. 2,198,009; Apr. 23.
Iversen, Lorenz, assignor to Mesta Machine Company, Pittsburgh, Pa. Trimming machine. 2,202,910; June 4.
Iversen, Lorenz, assignor to Mesta Machine Company, Pittsburgh, Pa. Welding of lengths of strip metal. 2,203,151; June 4.
Iversen, Owen K. (See Plamondon, A. L., Matthies, and Iversen.)
Iverson, Christian, Weston, Iowa. Lawn mower. 2,200,368; May 14.
Iverson, Einar L. (See Andrews, R. W., Jr., and Iverson.)
Ives, Charles E. (See Jensen, E. W., and Ives.)
Ives, Clifford E., Chicago, Ill. Circuit breaker. 2,222,843; Nov. 26.
Ives, Clifford E., assignor to Sears, Roebuck and Co., Chicago, Ill. Drier. 2,220,522; Nov. 5.
Ives, Clifford E., Wilmette, and J. Mark, Chicago, Ill.; said Mark assignor to said Ives. Circuit breaker. 2,209,567; July 30.
Ives, Eben C. (See Berenson, H. J., and Trudeau, assignors.)
Ives, H. B., The. (See Hagstrom, Gotthard, assignor.)
Ives, H. B., Company, The. (See Hagstrom, Gotthard, assignor.)
Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Optical scanning apparatus using mirror helix. 2,199,433; May 7.
Ives, John, assignor to The Denver Fire Clay Company, Denver, Colo. Pulverizer. 2,209,696; July 30.
Ivey, Ernest N., Bronte, Tex. Price marker. 2,201,139; May 21.
Ivie, Horace L. (See Ivie, James O. and H. L.)
Ivie, James O. and H. L., Logan, Utah. Scoreboard. 2,190,543; Feb. 13.
Iwaniw, Joseph, New York, N. Y. Machine for making wall strips. 2,205,201; June 18.
Iwanowicz, Stanley, Detroit, Mich. Electric switch. 2,210,539; Aug. 6.
Izard, Emmette F., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for forming film. 2,198,621; Apr. 30.
Izard, Emmette F., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic product and preparing same. 2,211,931; Aug. 20.
Izard, Emmette F., and J. A. Mitchell, Kenmore, N. Y., assignors, by mesne assignments, to E. I. Du Pont de Nemours & Company, Wilmington, Del. Moistureproof material. 2,192,314; Mar. 5.
J. H. Tool & Machine Works. (See Haller, John, assignor.)
J & J Cash, Incorporated. (See Riley, Thomas, assignor.)
Jabelmann, Otto, Omaha, Nebr. Railway car. 2,208,075; July 16.
Jabelmann, Otto, Omaha, Nebr. Winter closure for locomotive cabs. 2,208,982; July 23.
Jabelmann, Otto, Omaha, Nebr. Heat exchange apparatus. 2,223,688; Dec. 3.
Jaberg, Howard A., Cincinnati, Ohio. Insulating bushing. 2,209,274; July 23.
Jablon, Olga, New York, N. Y. Tea bag. 2,199,406; May 7.
Jaburek Fritz, and G. Schichtel, Radenthein, Carinthia, Germany, assignors to American Magnesium Metals Corporation, Pittsburgh, Pa. Magnesium base alloys. 2,223,852; Dec. 3.
Jachim, Frank, Hammond, Ind. Folding stairway. 2,220,155; Nov. 5.
Jack, Eugene L., Davis, Calif., assignor to The Borden Company, New York, N. Y. Citrus fruit gratings and preparing the same. 2,218,534; Oct. 22.
Jacker, Richard J., assignor to A. G. Wohlschlegel, Chicago, Ill. Starching machine. 2,208,847; July 23.
Jackes-Evans Manufacturing Company. (See Jackes, Stanley F., assignor.)
Jackes, Stanley F., assignor to Jackes-Evans Manufacturing Company, St. Louis, Mo. Stove board. 2,199,916; May 7.
Jackman, Arthur E., Jr., assignor to The Timken Roller Bearing Company, Canton, Ohio. Cap bolt lock. 2,203,219; June 4.
Jacks, Marian L., London, England. Corset. 2,216,270; Oct. 1.
Jackson, Adelbert J., Kalamazoo, Mich. Game apparatus. 2,186,337; Jan. 9.
Jackson, Adolph E., Los Angeles, Calif. Paperhanger's knife. 2,194,307; Mar. 19.
Jackson, Albert S. (See McLaughlin, J. E., and Jackson.)
Jackson, Albert S., Wood River, Ill., assignor to Owens-Illinois Glass Company. Bottle capping mechanism. 2,218,452; Oct. 15.

Jackson, Albert S., and C. A. Heyne, Alton, Ill., assignors to Owens-Illinois Glass Company. Stenciling apparatus. 2,202,799; May 28.
Jackson, Alexis. (See Bary, W. A., and Jackson.)
Jackson, Alexis. (See Makaroff, V. S., and Jackson.)
Jackson, Alexis, Astoria, and V. S. Makaroff, New York, N. Y.; said Jackson assignor to said Makaroff. Automobile lift. 2,201,179; May 21.
Jackson, Alexis, Astoria, and V. S. Makaroff, New York, N. Y.; said Jackson assignor to said Makaroff. Automobile lift. 2,208,983; July 23.
Jackson, Alexis, Astoria, and V. S. Makaroff, New York, N. Y., said Jackson assignor to said Makaroff. Automotive lift. 2,212,940; Aug. 27.
Jackson, Arthur F. et al. (See Glasgow, Chester W., assignor.)
Jackson, Byron, Co. (See Hollander, Aladar, assignor.)
Jackson, Charles G., assignor to Multiplex Faucet Company, St. Louis, Mo. Beverage dispenser. 2,209,057; July 23.
Jackson, Charles H., et al. (See Bronson, Oscar A., assignor.)
Jackson, Charles J. F., Winnipeg, Manitoba, Canada. Dental massaging, cleaning, and medicating device. 2,189,175; Feb. 6.
Jackson, Clifford C., assignor to Chrysler Corporation, Highland Park, Mich. Wheel suspension. 2,215,703; Sept. 24.
Jackson, Corwill, Ludington, Mich. Portable form vibrator. 2,185,850; Jan. 2.
Jackson, Corwill, Ludington, Mich. Concrete placement apparatus. 2,199,074; Apr. 30.
Jackson, Corwill, Ludington, Mich. Concrete placement apparatus. 2,199,075; Apr. 30.
Jackson, Corwill, Ludington, Mich. Ballast working implement. 2,203,018; June 4.
Jackson, Corwill, Ludington, Mich. Apparatus for working concrete and the like. 2,219,247; Oct. 22.
Jackson, Corwill, Ludington, Mich. Concrete placement apparatus. 2,219,248; Oct. 22.
Jackson, Corwill, Chicago, Ill. Concrete working apparatus. 2,219,246; Oct. 22.
Jackson, Donald R., and T. H. Vaughn, Niagara Falls, N. Y., assignors to Union Carbide and Carbon Research Laboratories, Inc. Preparation of acetylenic acids. 2,205,885; June 25.
Jackson, Edward B., Downers Grove, Ill., assignor, by mesne assignments, to General Time Instruments Corporation, New York, N. Y. Time system. 2,195,457; Apr. 2.
Jackson, Ernest W., Austin, Tex. Transparent coin wrapper. 2,194,904; Mar. 26.
Jackson, Ernest W., Chatsworth, Ga., assignor of one-third to B. J. Chromy, Washington, D. C. Tufting attachment for sewing machines. 2,203,220; June 4.
Jackson, Frank P., Austin, Tex. Die. 2,187,651; Jan. 16.
Jackson, Frank P., Antonio, Tex. Steering wheel cover. 2,197,409; Apr. 16.
Jackson, Frank P., Austin, Tex. Machine for sharpening files. 2,222,034; Nov. 19.
Jackson, Frank W., and H. M. Nacey, Chicago, Ill. Flow indicator. 2,197,473; Apr. 16.
Jackson, George B., Orlando, Fla. Railway track torpedo. 2,205,293; June 18.
Jackson, George F., Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Can marking machine. 2,195,172; Mar. 26.
Jackson, George F., Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Can marking machine. 2,195,173; Mar. 26.
Jackson, George H., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Production of abrasive materials. 2,194,472; Mar. 26.
Jackson, Guy C., Jr., et al. (See Miles, Nay, assignor.)
Jackson, Harford T. (See Maxwell, C. J., and Jackson.)
Jackson, Harry J., Arlington, Va. Furnace heat deflector. 2,223,108; Nov. 26.
Jackson, Howard A., Cleveland Heights, Ohio. Pig-metal casting machine. 2,190,406; Feb. 13.
Jackson, James R., assignor to Associated Designers, Inc., Green Bay, Wis. Illuminated illusory action device. 2,212,642; Aug. 27.
Jackson, John. (See Schmidt, A. J., and Jackson.)
Jackson, John B., and J. A. McKinnon, Providence, R. I. Device for removing starfish and other parasites from mollusk beds. 2,217,412; Oct. 8.
Jackson, John F., Pawtucket, R. I., assignor to H & B American Machine Company. Mechanism for drawing textile slivers or rovings. 2,193,196; Mar. 12.
Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,188,949; Feb. 6.
Jackson, John G., Detroit, and W. T. Allen, Royal Oak, assignors to Square D Company, Detroit, Mich. Circuit breaker. 2,187,606; Jan. 16.
Jackson, John M., Los Angeles, Calif. Mercury switch. 2,214,197; Sept. 10.
Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Multiple pan set. 2,186,699; Jan. 9.
Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Centering device for hearth bread pan sets. 2,188,549; Jan. 30.
Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Strainer bowl brace. 2,190,987; Feb. 20.
Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Baking pan and making the same. 2,207,622; July 9.
Jackson, Joseph G., Oak Park, and J. Kollman; said Jackson assignor to The Edward Katzinger Company, Chicago, Ill. Baking pan set construction. 2,188,550; Jan. 30.
Jackson, Joseph R., assignor to W. Palfrey, Memphis, Tenn. Pipe holder. 2,194,073; Mar. 19.
Jackson, Lloyd R. (See Russell, H. W., and Jackson.)
Jackson, Luther M. (See Prescott, C. A., and Jackson.)
Jackson, Marshall H. and W., River Forest, Ill. Seal press. 2,202,255; May 28.
Jackson, Paul F., Dayton, Ohio. Contact printing box. 2,198,251; Apr. 23.
Jackson, Paul S., assignor to Rockford Machine Tool Company, Rockford, Ill. Hydraulic machine tool. 2,223,038; Nov. 26.
Jackson, Ray, Rhinelander, Wis. Tool handle fastener. 2,206,255; July 2.
Jackson, Stonewall W., assignor to Morton Machine Works, Columbus, Ga. Raw stock dyeing apparatus. 2,196,558; Apr. 9.
Jackson, Stonewall W., assignor to Morton Machine Works, Columbus, Ga. Combined raw stock and package dyeing apparatus. 2,196,559; Apr. 9.
Jackson, Thomas, and K. M. Uphill, Spondon, near Derby, England, assignors to Celanese Corporation of America. Knitting machine. 2,193,872; Mar. 19.
Jackson, Thomas E. (See Sherman, A. G., Jackson, and Roose.)
Jackson, Thomas E., assignor to Sherman-Jackson-Roose Company, Detroit, Mich. Gas pressure regulator. 2,208,261; July 16.
Jackson, Wallace T., and W. G. Faw, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Treating cellulose organic derivative cut staple fibers. 2,197,930; Apr. 23.
Jackson, Warren. (See Jackson, Marshall H. and W.)
Jackson, Wilbur F., Compton, assignor to Grayson Heat Control Limited, Lynwood, Calif. Fuel control device. 2,201,399; May 21.
Jackson, Wilbur F., assignor to Grayson Heat Control, Ltd., Lynwood, Calif. Thermostatic shutoff valve. 2,214,375; Sept. 10.
Jackson, Wilbur F., assignor to Grayson Heat Control, Limited, Lynwood, Calif. Fuel control device. 2,224,187; Dec. 10.
Jackson, William G., Pompton Lakes, N. J. Foul line signal for bowling alleys. 2,211,268; Aug. 13.
Jackson, William Steell, and Son. (See Bowman, Jacob W., assignor.)
Jacob, Charles H., Scarsdale, N. Y. Upright piano. 2,195,458; Apr. 2.
Jacob, Ellis L., Moylan-Rose Valley, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Door. 2,216,012; Sept. 24.
Jacob, Frederick N. (See Kirk, M. J., Jacob, and McGinley, assignors.)
Jacob, Frederick N., assignor to Johnson Laboratories, Inc., Chicago, Ill. Cam construction. 2,196,416; Apr. 9.
Jacob, Paul. (See Pier, M., Simon, and Jacob.)
Jacob, William H., Helper, assignor of one-fourth to D. A. Walton, one-fourth to V. Dastrup, Salt Lake City, Utah, and one-fourth to J. G. Wanner, Preston, Idaho. Fluid brake. 2,195,214; Mar. 26.
Jacobi, Carl. (See Kremmling, O., and Jacobi.)
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Fly-wheel magneto assembly for internal combustion engines. Re. 21,679; Dec. 31.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,206,462; July 2.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Compartment door latch. 2,208,003; July 16.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,213,814; Sept. 3.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,217,054; Oct. 8.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Door locking and latching mechanism. 2,221,095; Nov. 12.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,223,615; Dec. 3.
Jacobi, Helmut, and W. Flemming, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of glycide nitrate. 2,198,367; Apr. 23.
Jacobi, Henry K., New York, N. Y. Adjustable closure means for headwear. 2,194,043; Mar. 19.
Jacobius, Herman, New York, N. Y. Testing sugar. 2,206,282; July 2.
Jacobovics, Julius, Luxemburg, Luxemburg. Apparatus for projecting granular material. 2,188,716; Jan. 30.
Jacobs, Abraham, Cleveland, Ohio. Ornament and button shield. 2,189,467; Feb. 6.
Jacobs, Alfred, and J. Ciringione, assignors to The Poisefair Company, Inc., New York, N. Y. Girdle. 2,224,684; Dec. 10.

Jacobs, Arthur E., assignor to Safe-Guard, Inc., Cleveland, Ohio. Paper dispensing or vending machine. 2,193,926; Mar. 19.
Jacobs, Bruno A., Phillips, Tex., assignor to Phillips Petroleum Company. Rotating adjustable tilting table chuck. 2,225,273; Dec. 17.
Jacobs, Charles T. (See Dunning, O. M., and Jacobs.)
Jacobs, Charles T., New Providence Township, Union County, assignor to Miessner Inventions, Inc., Township of Millburn, N. J. Method and apparatus for the production of music. 2,224,965; Dec. 17.
Jacobs, Clarence R., Scarsdale, N. Y. Acoustical apparatus. 2,224,651; Dec. 10.
Jacobs, David, New York, assignor to Aerovox Corporation. Brooklyn, N. Y. Electrolytic condenser. 2,211,780; Aug. 20.
Jacobs, E. H., Manufacturing Company. (See Clark, Breckinridge T., assignor.)
Jacobs, F. L., Co. (See Visser, John, assignor.)
Jacobs, Frank C., Kensington, Pa. Magnetic testing material. 2,197,931; Apr. 23.
Jacobs, Fred W., Louisville, Ky. Vehicle position altering device. 2,200,422; May 14.
Jacobs, Harold J., Mathews, C. F. Dahlberg, New Orleans, and J. J. Munson, Houma, La. Clarifier and clarifier system. 2,196,991; Apr. 16.
Jacobs, Henry A., and H. M. Armistead, San Francisco, Calif.; said Armistead assignor to said Jacobs. Cultivator for vineyards. 2,185,634; Jan. 2.
Jacobs, Henry A., and H. M. Armistead, San Francisco, Calif.; said Armistead assignor to said Jacobs. Cultivator for vineyards. 2,206,283; July 2.
Jacobs, James W., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,199,798; May 7.
Jacobs, James W., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,202,105; May 28.
Jacobs, James W., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,202,734; May 28.
Jacobs, James W., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,216,592; Oct. 1.
Jacobs, Joseph H., Minneapolis, Minn. Mixing and throttling valve for gas engines. 2,197,525; Apr. 16.
Jacobs, Louis, New York, N. Y. Protective hat-brim cushion. 2,214,637; Sept. 10.
Jacobs Manufacturing Company, The. (See Clark, Charles E., assignor.)
Jacobs Manufacturing Company, The. (See Stoner, Arthur M., assignor.)
Jacobs, Mayhelt, assignor to Pacific Pipe Co., San Francisco, Calif. Pipe coupling. 2,219,161; Oct. 22.
Jacobs, Mayhelt, assignor to Pacific Pipe Co., San Francisco, Calif. Pipe coupling. 2,219,162; Oct. 22.
Jacobs, Oscar, Philadelphia, Pa. Rotating wing aircraft. 2,198,941; Apr. 30.
Jacobs, Rex C., Detroit, Mich. Seat track and riser. 2,185,301; Jan. 2.
Jacobs, Walter T., assignor to Henney Motor Company, Freeport, Ill. Footrest for vehicles. 2,202,857; June 4.
Jacobsen, Calle P., Fortuna, Calif. Combination miter gauge and saw guide. 2,205,095; June 18.
Jacobsen, Charles J., and H. Battistone, Washington, D. C.; said Jacobsen assignor to said Battistone. Plasterer's implement. 2,217,369; Oct. 8.
Jacobsen, Earl S., Shelton, Conn., assignor to Sidney Blumenthal & Co., Inc., New York, N. Y. Method and apparatus for making a pile fabric. 2,225,452; Dec. 17.
Jacobsen, Oystein, Dayton, Ohio, assignor to The Duriron Company, Inc. Pump runner assembly. Re. 21,541; Aug. 27.
Jacobsen, Oystein, Montgomery County, assignor to The Duriron Company, Inc., Dayton, Ohio. Centrifugal pump with dual impeller. 2,219,390; Oct. 29.
Jacobsen, Oystein, Montgomery County, assignor to The Duriron Company, Inc., Dayton, Ohio. Pump runner assembly. 2,223,212; Nov. 26.
Jacobsen, Richard S., Wheaton, assignor to Reeves Pulley Company, Columbus, Ind. Variable speed transmission. 2,202,384; May 28.
Jacobsen, Vivien, et al. (See Anderson, A. J., and Hill, assignors.)
Jacobson, Axel B., Two Harbors, Minn. Fish lure. 2,201,267; May 21.
Jacobson, Benno Y., New York, N. Y. Clip for marking tags. 2,224,154; Dec. 10.
Jacobson, Eugene, San Francisco, Calif. Extrusion process and apparatus. 2,207,405; July 9.
Jacobson, Eugene W. (See Lane, A. A., and Jacobson.)
Jacobson, Frank B., Dakota City, Iowa. Trailer hitch. 2,196,115; Apr. 2.
Jacobson, Harry P., and H. K. Day, Pocatello, Idaho. Garden and lawn sprinkler. 2,193,369; Mar. 12.
Jacobson, James H., Evanston, Ill. Joint. 2,198,084; Apr. 23.
Jacobson, Joseph, and N. Granatstein, Brooklyn, N. Y. Safety device for moving picture projectors. 2,222,666; Nov. 26.
Jacobson, Lawrence A., et al. (See Kessel, J. B., and Lessing, assignors.)
Jacobson, Madge S., Los Angeles, Calif. Culinary tongs. 2,219,558; Oct. 29.
Jacobson, Moses G., Swissvale, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Combustible gas alarm and control. 2,219,391; Oct. 29.
Jacobson, Oskar J. F., New York, N. Y. Mechanical toy rowboat. 2,224,966; Dec. 17.
Jacobson, Ralph A., assignor to E. I du Pont de Nemours & Company, Wilmington, Del. Halogenation of unsaturated carboxylic acid esters. 2,195,712; Apr. 2.
Jacobson, Ralph A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Addition products of thiophenols and acrylic acid esters. 2,199,799; May 7.
Jacobson, Ralph A., Landenberg, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Condensation process and product. 2,220,156; Nov. 5.
Jacobson, Robert, New York, N. Y. Time controlled mechanism for coin controlled automatic phonographs. 2,190,026; Feb. 13.
Jacobsson, Wilgot J. (See Jones, H. W., Bucknam, and Jacobsson.)
Jacobsson, Wilgot J. (See Jones, H. W., and Jacobsson.)
Jacobsson, Wilgot J., Scotch Plains, N. J., assignor to Oxweld Acetylene Company. Blowpipe. 2,198,341; Apr. 23.
Jacobsson, Wilgot J., Scotch Plains, and S. R. Oldham, Elizabeth, N. J., assignors to Oxweld Acetylene Company. Blowpipe. 2,198,342; Apr. 23.
Jacobsson, Wilgot J., Scotch Plains, and S. R. Oldham, Elizabeth, N. J., assignors to Oxweld Acetylene Company. Blowpipe. 2,213,043; Aug. 27.
Jacobstein, Hyman. (See Black, I. E., and Jacobstein.)
Jacobus, David S., Montclair, assignor to The Babcock & Wilcox Company, Newark, N. J. Fusion welded treatment of tubular bodies. 2,187,786; Jan. 23.
Jacobus, David S., Montclair, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange apparatus. 2,209,974; Aug. 6.
Jacobus, David S., Montclair, assignor to The Babcock & Wilcox Company, Newark, N. J. Making fluid heat exchange apparatus. 2,209,975; Aug. 6.
Jacobus, Nelson L., Hempstead, N. Y. Promoting plant growth. 2,219,870; Oct. 29.
Jacobus, Otto, Olean, N. Y. Shoe press. 2,219,418; Oct. 29.
Jacobus, Otto, Olean, N. Y. Shoe shank press. 2,219,419; Oct. 29.
Jacobus, Otto, Olean, N. Y. Heel attaching press. 2,226,343; Dec. 24.
Jacobus, Otto, Olean, N. Y. Welt press. 2,226,344; Dec. 24.
Jacoby, Benjamin, and J. M. Quigley, assignors to The Marion Steam Shovel Company, Marion, Ohio. Collapsible gantry. 2,191,696; Feb. 27.
Jacoby, Harold E., Brooklyn, N. Y. Continuous action centrifuge. 2,210,978; Aug. 13.
Jacoby, Harry L., Philadelphia, Pa., and I. L. Wilcox, assignors to Oswego Falls Corporation, Fulton, N. Y. Machine for forming liner bags from thin sheet material. 2,216,349; Oct. 1.
Jacoby, Meyer, New York, N. Y. Wig with scalp-showing part. 2,192,550; Mar. 5.
Jacocks, George T., Larchmont, assignor to The Lummus Company, New York, N. Y. Return bend. 2,202,491; May 28.
Jacocks, George T., Larchmont, assignor to The Lummus Company, New York, N. Y. Fluid coupling. 2,202,492; May 28.
Jacocks, George T., Larchmont, assignor to The Lummus Company, New York, N. Y. Securing device. 2,202,493; May 28.
Jacocks, George T., Larchmont, assignor to The Lummus Company, New York, N. Y. Baffle. 2,202,494; May 28.
Jacocks, George T., Larchmont, assignor to The Lummus Company, New York, N. Y. Heat exchanger. 2,207,036; July 9.
Jacocks, George T., Larchmont, assignor to The Lummus Company, New York, N. Y. Heat exchanger. 2,223,319; Nov. 26.
Jacocks, George T., Larchmont, assignor to The Lummus Company, New York, N. Y. Heat exchanger. 2,223,320; Nov. 26.
Jacocks, George T., New Rochelle, assignor to The Lummus Company, New York, N. Y. Heat exchanger. 2,207,037; July 9.
Jacocks, George T., Larchmont, assignor to The Lummus Company, New York, N. Y. Pressure vessel. 2,226,494; Dec. 24.
Jacocks, George T., Larchmont, assignor to The Lummus Company, New York, N. Y. Closure. 2,226,495; Dec. 24.
Jacocks, George T., Larchmont, assignor to The Lummus Company, New York, N. Y. Attaching nozzles. 2,226,496; Dec. 24.
Jacot-Guyot, Henri, assignor to the firm Ebauches S. A., Neuchatel, Switzerland. Watch. 2,218,882; Oct. 22.
Jacovelli, Samuel, Brooklyn, N. Y. Fume eliminating valve for internal combustion engines. 2,191,076; Feb. 20.
Jacqué, Heinrich, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Thread and fiber of organic thermoplastic materials and producing the same. 2,185,789; Jan. 2.
Jacque, John, Richmond Hill, N. Y. Pulley adjustment device. 2,201,831; May 21.

Jacquerod, Henry R., and J. H. Gibson, Teaneck, N. J.; said Gibson assignor to said Jacquerod. Graining intaglio and gravure printing plates. 2,210,923; Aug. 13.

Jacuzzi Bros. Inc. (See Jacuzzi, Candido, assignor.)

Jacuzzi, Candido, Berkeley, Calif., assignor to Jacuzzi Bros. Inc. Pumping device. 2,205,121; June 18.

Jaeckh, Wolfgang. (See Michael, W., and Jaeckh.)

Jaeckh, Wolfgang. (See Pier, M., Koenig, and Jaeckh.)

Jaedike, Henry, Brooklyn, N. Y. Electric fuse. 2,191,793; Feb. 27.

Jaeger, Albert, East Greenwich, and E. M. Trinder, Greenwood, assignors to Thies Dyeing Mills, Inc., West Warwick, R. I. Apparatus for treating rayon. 2,216,034; Sept. 24.

Jaeger, Alphons O., Mount Lebanon, Pa., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Synthetic oil for treating textiles. 2,212,369; Aug. 20.

Jaeger, Alphons O., Greenwich, Conn., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Separation of maleic and phthalic anhydrides. 2,220,044; Oct. 29.

Jaeger, Alphons O., Greenwich, Conn., and R. Herrlinger, Bridgeville, Pa., assignors to American Cyanamid & Chemical Corporation, New York, N. Y. Guanidine xanthate. 2,198,774; Apr. 30.

Jaeger, Fritz, Halle, Saale, Germany. Horizontal press. 2,213,815; Sept. 3.

Jaeger, Fuerchtegott Willy. (See Werby, Albert B., assignor.)

Jaeger, Gebhard, assignor to The Jaeger Machine Company, Columbus, Ohio. Water-distributing system for concrete mixers. 2,225,374; Dec. 17.

Jaeger, Karl. (See Wassenegger, H., and Jaeger.)

Jaeger Machine Company, The. (See Bohmer, C. I., and Davis, assignors.)

Jaeger Machine Company, The. (See Jaeger, Gebhard, assignor.)

Jaeger Machine Company, The. (See Millikin, Arnold S., assignor.)

Jaeger Machine Company, The. (See Mosel, Joseph H., assignor.)

Jaeger Machine Company, The. (See Saxe, Arthur C., assignor.)

Jaeger Watch Company. (See Vail, Edgar L., assignor.)

Jaegle, William C., Plainview, Long Island, N. Y., assignor to H. Strahman, Livingston, N. J. Valve. 2,208,929; July 23.

Jaenichen, Louis, Springfield Township, Oakland County, assignor to The Standard Computing Scale Company, Detroit, Mich. Meat grinder. 2,199,704; May 7.

Jaenichen, Louis, Springfield Township, Oakland County, and W. Behm, assignors to The Standard Computing Scales Company, Detroit, Mich. Locking device for food chopper bowls. 2,208,796; July 23.

Jaffe, Nathan, Chattanooga, Tenn. Shoe repairing machine. 2,201,899; May 21.

Jagenburg, Eugene R., Brooklyn, N. Y. Machine for cutting annular fruit bodies. 2,212,605; Aug. 27.

Jager, Otto F., Hartley, Iowa. Hitch. 2,194,087; Mar. 19.

Jagger, Hubert, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating apparatus. 2,188,598; Jan. 30.

Jagger, Hubert, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating apparatus. 2,188,599; Jan. 30.

Jagger, Hubert, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating machine. 2,194,553; Mar. 26.

Jagger, Hubert, Maywood, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating means. 2,207,922; July 16.

Jagger, Hubert, Maywood, assignor to Ditto, Incorporated, Chicago, Ill. Liquid process duplicating machine and block-out means therefor. 2,220,244; Nov. 5.

Jagler, Edwin J., Chicago, Ill. Ratchet action. 2,201,492; May 21.

Jagmin, Adolph, Cicero, Ill. Gas mixing device. 2,193,777; Mar. 12.

Jähde, Werner, Niederneuendorf, Berlin, and O. Plass, Hennigsdorf Kreis, Osthavelland, Germany, assignors to General Electric Company. Resistance welding machine. 2,214,856; Sept. 17.

Jahn, Friedrich W., assignor to E. Heinkel, Seestadt Rostock, Germany. Cooling system. 2,208,984; July 23.

Jahncke, Evelyn, New York, N. Y. Shoe and shoe heel. 2,216,113; Oct. 1.

Jähne, Ernst H., Dresden, Germany, assignor, by mesne assignments, to J. C. Muller N. V., Rotterdam, Netherlands. Apparatus for and method of applying cigar bands. 2,222,890; Nov. 26.

Jähne, Ernst H., and R. E. Schleehahn, Dresden, Germany, assignors, by mesne assignments, to J. C. Muller N. V., Rotterdam, Netherlands. Cigar banding machine. 2,204,219; June 11.

Jahnke, Edward G., U. S. S. Wyoming, New York, N. Y. Skate attachment. 2,205,412; June 25.

Jahnke, Franklin H., et al. (See Fischer, Paul F., assignor.)

Jahr, M. Rudolf. (See Siegenheim, Max, assignor.)

Jahrstorfer, Michael, Ludwigshafen-on-the-Rhine, and M. Aschenbrenner, Heidelberg, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Bleaching Montan wax. 2,221,140; Nov. 12.

Jaite Company, The. (See Orr, Howard H., assignor.)

Jakl, Josef. (See Widmer, G., Fisch, and Jakl.)

Jakob, Peter, New York, N. Y. Tie holder for shirts. 2,223,176; Nov. 26.

Jakobsen, Jakob L., Minneapolis, Minn., assignor to General Mills, Inc. Purifying edible oils and fats. 2,210,548; Aug. 6.

Jakobsen, Svend O., Hoievarde, near Haugesund, Norway. Pressure lubricator. 2,192,974; Mar. 12.

Jakoby, Philipp, Berlin-Hohenschonhausen, and H. R. Lameyer, Berlin-Halensee, assignors to Julius Pinstch Kommanditgesellschaft, Berlin, Germany. Spark extinguishing in direct current circuit. 2,226,203; Dec. 24.

Jakosky, John J., Los Angeles, Calif. Method and apparatus for electrical exploration of the subsurface. 2,192,404; Mar. 5.

Jakosky, John J., Los Angeles, Calif. Method and apparatus for electrical exploration of the subsurface. 2,207,060; July 9.

Jakosky, John J., Los Angeles, Calif. Continuously exploring boreholes. 2,211,124; Aug. 13.

Jakosky, John J., Los Angeles, Calif. Method and apparatus for the electrical exploration of the subsurface. 2,211,125; Aug. 13.

Jakosky, John J., and P. B. Lyons, Los Angeles, Calif., assignors to Schlumberger Well Surveying Corporation, Houston, Tex. Method and apparatus for use in determining the geologic nature and characteristics of a formation traversed by a borehole. 2,203,729; June 11.

Jalbert, Adrien L., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for separating shoes from lasts. 2,199,492; May 7.

Jalma, Michael M., New York, N. Y. Process and apparatus for conditioning air and other gases. 2,217,204; Oct. 8.

James, Arthur E., Auburn, R. I. Bottle shattering device. 2,215,508; Sept. 24.

James, George R., Galion, Ohio. Making a golf-calk wrench. 2,222,145; Nov. 19.

James, Gordon E., assignor to The American Crayon Co., Sandusky, Ohio. Water color box. 2,221,191; Nov. 12.

James, Henry D. (See Rugg, W. S., and James.)

James, Ivanhoe J. P. (See Faudell, C. L., Spencer, and James.)

James, J. L., et al. (See Adler, Henry J., assignor.)

James, Jack P., Liverpool, England. Electromagnetic lock. 2,197,802; Apr. 23.

James, John W., Macon, assignor of one-half to A. C. Felton, Bibb County, Ga. Automatic receptacle filling apparatus. 2,198,309; Apr. 23.

James, Lloyd K. (See Sharp, D. C., James, and Garrison.)

James, Lorren E., Pueblo, Colo. Pipe clamp chimney combination. 2,198,535; Apr. 23.

James Manufacturing Company. (See Olson, John B., assignor.)

James Manufacturing Company. (See Olson, J. B., and Markey, assignors.)

James Manufacturing Company. (See Olson, J. B., and Willett, assignors.)

James Manufacturing Company. (See Tracy, Harold B., assignor.)

James Manufacturing Company. (See Waterman, Arthur E., assignor.)

James Manufacturing Company. (See Waterman, A. E., and Kreutzer, assignors.)

James, Nephanus E., et al. (See Clayton, William F., assignor.)

James, Norman, and J. J. Zurenda, Jr., Edwardsville, Pa. Grate pot. 2,211,269; Aug. 13.

James, Norman, and J. J. Zurenda, Jr., Edwardsville, Pa. Grate. 2,211,270; Aug. 13.

James, Norman L., Ingersoll, Ontario, Canada. Snow excavator. 2,200,623; May 14.

James, Robert F., Mahwah, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Apparatus for the treatment and storage of food. 2,192,348; Mar. 5.

James, Robert G., Wylde Green, Birmingham, assignor to Dunlop Rubber Company, Limited, London, England. Assembling rubber filaments into thread. 2,203,387; June 4.

James, Rutherford B., Fairbury, assignor of one-half to H. W. Hildebrandt, Normal, Ill. Rodent trap. 2,216,196; Oct. 1.

James, Stephen F., Chicago, Ill. Vibrator and circuit for same. 2,200,064; May 7.

James, Thomas R. (See Parrish, M., Jr., and James.)

James, Thomas R., Minneapolis, Minn., assignor to General Mills, Inc. Puffing gun lid release mechanism. 2,210,294; Aug. 6.

James, Wilfred H. (See Kirk, M. J., James, and Schaper.)

James, William E., et al. (See Clayton, William, assignor.)

James, William H. (See Berger, H. G., James, and Badertscher.)

James, William H., Palsboro, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Stabilized oil composition. 2,209,976; Aug. 6.
James, William M., Excelsior, Minn. Flashlight and electrical tester. 2,205,477; June 25.
Jameson, Charles M., Los Angeles, assignor to Automotive Devices, Inc., Pasadena, Calif. Automotive apparatus. 2,218,398; Oct. 15.
Jameson, Clarence W., Lombard, assignor to Atlas-Ometer Co., Chicago, Ill. Specimen holder for color fading testing. 2,195,726; Apr. 2.
Jameson, John A. (See Sperbeck, H. V., and Jameson.)
Jamgotch, Nish A., Minneapolis, Minn. Cleaning pile and other fabrics. 2,189,209; Feb. 6.
Jamieson-Craig, Thomas, Johnstone, assignor of one-half to D. Campbell, Glasgow, Scotland. Hydraulic coupling and turbotorque transmitter. 2,227,336; Dec. 31.
Jamieson, Paul H., Redondo Beach, Calif. Pictorial control and material for use therein. 2,206,190; July 2.
Jamison Cold Storage Door Company. (See Leonard, David C. E., assignor.)
Janas, Milo M., Cleveland, Ohio. Toy doll. 2,224,456; Dec. 10.
Janca, Joseph J., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Motor support. 2,185,375; Jan. 2.
Janda, Henry, Clarkson, Nebr., assignor to J. H. Cohen, Bridgeport, Conn. Windshield heater. 2,195,862; Apr. 2.
Janda, Rudolph W. (See Arens, J. P., and Janda.)
Jandasek, Joseph, Cicero, Ill. Power transmission. 2,186,025; Jan. 9.
Jandasek, Joseph, Cicero, Ill. Turbine torque converter and clutch. 2,205,794; June 25.
Jandasek, Joseph, Cicero, Ill. Turbine torque converter combined with turbine clutch. 2,222,618; Nov. 26.
Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Friction brake lever. 2,195,313; Mar. 26.
Jandus, Herbert S., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Bumper structure. 2,211,820; Aug. 20.
Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Combined bumper and bumper guard structure. 2,211,821; Aug. 20.
Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Bumper structure. 2,213,044; Aug. 27.
Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Bumper and guard assembly. 2,215,001; Sept. 17.
Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Bumper structure. 2,215,509; Sept. 24.
Jandus, Herbert S., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever—friction type. 2,217,752; Oct. 15.
Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield and mounting. 2,222,619; Nov. 26.
Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Bumper guard structure and assembly. 2,224,434; Dec. 10.
Jandus, Herbert S., and C. F. Purdy, assignors, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever release mechanism. Re. 21,581; Sept. 24.
Jandus, Herbert S., and H. Buchanan, assignors to Houdaille-Hershey Corporation, Detroit, Mich. Bumper guard structure. 2,215,002; Sept. 17.
Janes, Edmund D. (See Fenton, P. E., and Janes.)
Janes, Joseph, Somerville, Mass. Cutting block. 2,199,917; May 7.
Janes, Robert B., Rutherford, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electrode for television tubes. 2,204,251; June 11.
Janetschke, Erwin, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Conversion of currents or voltages with the aid of periodically actuated break contacts. 2,193,421; Mar. 12.
Janette, John T., Kenilworth, Ill. Seal for shafts. 2,185,554; Jan. 2.
Janeway, Robert N., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Railway vehicle. 2,198,668; Apr. 30.
Janeway, Robert N., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Railway vehicle. 2,205,478; June 25.
Janeway, Robert N., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Vehicle draft means. 2,208,634; July 23.
Jänicke, Hermann, Dessau, assignor to Therese Junkers, née Beunhold, Gauting, near Munich, Germany. Starting free piston motor compressors. 2,215,326; Sept. 17.
Jänicke, Hermann, deceased, Dessau, assignor to H. Junkers, Bayrick-Zell, Oberbayern, T. Junkers, née Bennbold, Gauting, Germany, administratrix. Starting free piston engines. 2,222,260; Nov. 19.
Janisch, Maxmillian P., Milwaukee, Wis. Cigarette ash smoker. 2,214,615; Sept. 10.
Janitschek, Frank, Jersey City, N. J. Jet line preheater for oil burners. 2,225,869; Dec. 24.
Janks, Ludwig M., et al. (See Crane, Samuel G., assignor.)
Jannek, Josef, Ludwigshafen-on-the-Rhine, and W. Hennicke, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Motor fuel. 2,208,514; July 16.
Janney, Walter T., Philadelphia, Pa. Metal casting mechanism. 2,223,370; Dec. 3.
Janosko, John J., Anaconda, Mont. Socket connection. 2,208,985; July 23.
Jans, James M. (See Brennan, A. K., and Jans.)
Jan Saal, Reyerus N. (See Buchel, J. A., and Jan Saal.)
Jansen, Marinus J. (See Dorgelo, E. G., Elenbaas, Lemmens, and Jansen.)
Jansen, Marinus J., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Closed fuse. 2,208,187; July 16.
Janser, Anthony J., Chicago, Ill., assignor to Ivano, Inc. Circuit breaker. 2,214,530; Sept. 10.
Janssen, Johann F. (See Heinrich, H., and Janssen.)
Janssen, Johann F., assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Fuel delivery pump system for injection internal combustion engines. 2,215,469; Sept. 24.
Janssen, William F., Weehawken, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical resistance device and method of manufacture thereof. 2,219,365; Oct. 29.
Jany, José, Sao Paulo, Brazil. Apparatus for the filming of X-ray images. 2,205,853; June 25.
Japs, Archie B., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polyvinyl halide composition. 2,218,645; Oct. 22.
Japs, Archie B., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of vinyl halides. 2,225,635; Dec. 24.
Jaray, Felix and W., Vienna, Austria. Convertible bedsettee. 2,187,689; Jan. 16.
Jaray, Walter. (See Jaray, Felix and W.)
Jardine, Albert D., and H. V. Beronius, Detroit, Mich. Portable welder support. 2,191,912; Feb. 27.
Jardine, Matthew A. (See Sebrean, F. W., and Jardine.)
Jargick, Peter P., West Chicago, Ill. Railway switch track safety device. 2,195,110; Mar. 26.
Jarkow, Samuel, et al. (See Leone, Henry, assignor.)
Jarmus, Joseph M. (See Plechner, W. W., and Jarmus.)
Jarnagin, Helen L., Louisville, Ky. Hat box. 2,198,037; Apr. 23.
Jarnagin, Kossuth W., Kirkwood, Mo. Christmas tree base ornament and support. 2,190,544; Feb. 13.
Jarnak, Niels P. R., Hillerød, Denmark. Acoustical oscillator, principally organ pipe. 2,191,058; Feb. 20.
Jaroll, Louis, New York, N. Y. Electric vaporizer. 2,208,130; July 16.
Jaros, Lawrence. (See Stuckenholt, C. S., and Jaros.)
Jaros, Lawrence, Chagrin Falls, assignor to The W. J. Schoenberger Company, Cleveland, Ohio. Valve. 2,224,566; Dec. 10.
Jarosik, Andrew J., assignor to The Murray Corporation of America, Detroit, Mich. Preparing inner trim panels. 2,199,918; May 7.
Jarrett, George T., East Cleveland, Ohio, assignor to I. Saks. Clutch pressure plate. 2,190,874; Feb. 20.
Jarrett, Luther E., Montgomery, W. Va., assignor to Goodman Manufacturing Company, Chicago, Ill. Adjustable roller brace for shaker conveyers. Re. 21,349; Feb. 13.
Jaruschka, Hans, Vienna Austria. Wall. 2,206,403; July 2.
Jarvis & Jarvis, Inc. (See Bouvier, A. A., Kostolecki, and Sherman, assignors.)
Jarvis, Kenneth W., Winnetka, assignor to Seeburg Radio Corporation, Chicago, Ill. Selector switch for radio condensers or the like. 2,225,222; Dec. 17.
Jarvis, Kenneth W., Silvermine Falls, Norwalk, and R. M. Blair, Westport, Conn., assignors to Radio Corporation of America, New York, N. Y. Electronic device. 2,220,452; Nov. 5.
Jarvis, W. B., Company. (See Hicok, Frank V., assignor.)
Jaschke, Otto, Crowley, La. Boiler composition. 2,206,776; July 2.
Jaschke, Pauline A., La Grange, Tex. Drip dispenser. 2,206,191; July 2.
Jasco, Incorporated. (See Baumann, P., Heer, Krapp, and Nowag, assignors.)
Jasco, Incorporated. (See Baumann, P., and Schilling, assignors.)
Jasco, Incorporated. (See Beller, H., and Owen, assignors.)
Jasco, Incorporated. (See Ebert, G., Heidebroek, and Orth, assignors.)
Jasco, Incorporated. (See Harder, Max, assignor.)
Jasco, Incorporated. (See Heer, L., and Baumann, assignors.)
Jasco, Incorporated. (See Meyer-Delius, H., Heer, and Baumann, assignors.)
Jasco, Incorporated. (See Mueller-Cunradi, M., and Daniel, assignors.)
Jasco, Incorporated. (See Pannwitz, W., and Ritzenthaler, assignors.)
Jasco, Incorporated. (See Reppe, W., and Rothhaas, assignors.)
Jasco, Incorporated. (See Reppe, W., Rothhaas, Schmidt, and Luehdemann, assignors.)

Jasco, Incorporated. (See Seidler, R., and Pannwitz, assignors.)
Jasco, Incorporated. (See Wollthan, H., and Becker, assignors.)
Jasper, Hallie L., assignor to The La Resista Corset Company, Bridgeport, Conn. Undergarment. 2,194,181; Mar. 19.
Jasperson, Frederick K. (See Beckett, William A., assignor.)
Jauch, Christian, Bloomfield, N. J. Sewing needle threader. 2,195,571; Apr. 2.
Jauch, Eugen, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 2,209,022; July 23.
Jauch, Robert J., et al. (See Bugg, Kenly C., assignor.)
Jauch, Robert J., assignor to The Wayne Pump Company, Fort Wayne, Ind. Liquid dispensing apparatus. 2,216,975; Oct. 8.
Javery, Frank B., assignor to Warp Compressing Machine Company, Worcester, Mass. Thread tension device. 2,225,995; Dec. 24.
Jaworowski, Joseph F. (See Gardner, H., and Jaworowski.)
Jaworowski, Joseph F., assignor of twenty-five one-hundredths to S. W. Emerson, Cleveland, Ohio. Pressure regulating valve. 2,191,319; Feb. 20.
Jaxheimer, William H. (See Drum, H. S., Dodson, and Jaxheimer.)
Jayne, David W., Jr. (See Christmann, L. J., and Jayne.)
Jayne, David W., Jr., Port Chester, assignor to American Cyanamid Company, New York, N. Y. Dispersible thiocarbanilide. 2,185,591; Jan. 2.
Jayne, David W., Jr., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Unhairing process. 2,192,380; Mar. 5.
Jayne, David W., Jr., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Concentrated aqueous solutions of the ammonium salts of disubstituted dithiophosphoric acids. 2,206,284; July 2.
Jeanneret, Max, Berne, Switzerland. Dentist's device. 2,224,264; Dec. 10.
Jeans, Howard S., U. S. Navy, and K. D. Williams, Washington, D. C. Stress indicating washer. 2,188,356; Jan. 30.
Jeffcock, John P., Surbiton, England. Radio receiving and direction finding apparatus. 2,186,867; Jan. 9.
Jeffcock, John P., Surbiton, England. Cathode-ray-type direction finder. 2,213,863; Sept. 3.
Jeffers, Thomas H., assignor to Grayson Heat Control, Ltd., Lynwood, Calif. Fuel regulator latch. 2,214,730; Sept. 17.
Jefferies, Ernest S., Marion, Mass. Measuring and integrating device. 2,185,767; Jan. 2.
Jefferson Electric Company. (See Armstrong, Fred S., assignor.)
Jefferson, Ernest S., Belhaven, N. C. Electric animal prod. 2,204,041; June 11.
Jefferson, Glen V., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Cable outlet. 2,225,117; Dec. 17.
Jefferson Union Company. (See Baker, Edward W., assignor.)
Jefferson, William, assignor to F. H. Noble & Co., Chicago, Ill. Pad for ring boxes. 2,222,772; Nov. 26.
Jeffery, Benjamin A., Clarkston, Mich., assignor, by mesne assignments, to Champion Spark Plug Company, Toledo, Ohio. Apparatus for applying glaze. 2,198,999; Apr. 30.
Jeffery, Benjamin A., Clarkston, Mich., assignor, by mesne assignments, to Champion Spark Plug Company, Toledo, Ohio. Glazing ceramic ware. 2,209,624; July 30.
Jeffery, Harry A., Cleveland Heights, Ohio. Vacuum cleaner. 2,191,717; Feb. 27.
Jeffery, Winstone E. P., Shirley, England. Vehicle brake. 2,202,661; May 28.
Jeffords, Alexander H. B., East Cleveland, and H. P. Camp, Lakewood, assignors to Willard Storage Battery Company, Cleveland, Ohio. Bushing inserter. 2,208,584; July 23.
Jeffords, Leuell W., Kansas City, Mo. Dry steam generator. 2,216,369; Oct. 1.
Jeffree, John H., Oxshott, assignor to Scophony Limited, Campden Hill, London, England. Optical device. 2,193,422; Mar. 12.
Jeffrey Manufacturing Company, The. (See Curley, Morton B., assignor.)
Jeffrey Manufacturing Company, The. (See Dodge, Gordon F., and Overstrom, assignors.)
Jeffrey Manufacturing Company, The. (See Levin, Nils D., assignor.)
Jeffrey Manufacturing Company, The. (See Matthews, Max A., assignor.)
Jeffrey Manufacturing Company, The. (See Mitchell, Lewis E., assignor.)
Jeffrey Manufacturing Company, The. (See Ossing, S. F., and Feight, assignors.)
Jeffrey Manufacturing Company, The. (See Woltz, Earl J., assignor.)
Jeffrey Manufacturing Company, The. (See Wood, John S., assignor.)
Jeffrey, Peter, Toronto, Ontario, Canada. Centrifugal mixing and atomizing device. 2,220,653; Nov. 5.
Jeffrey, Richard E. et al. (See Wheeler, Holman K., assignor.)
Jeffreys, Sidney T., assignor to Photosculpture Limited, Newport, England. Automatic control means for electrically driven tools. 2,199,103; Apr. 30.
Jeffries, Le Roy J., assignor to C. G. Conn Ltd., Elkhart, Ind. Tympano. 2,205,593; June 25.
Jeffries, Le Roy J., assignor to C. G. Conn Ltd., Elkhart, Ind. Making adjustable joints. 2,226,819; Dec. 31.
Jeffry, Wallace L., Fulton, Mo. Tree transplanter. 2,208,262; July 16.
Jeffs, Henry, Berwyn, and E. J. Dunn, Chicago, Ill., assignors to Micronic Gold Recoveries, Inc. Recovering micronic particles of gold and the like from rock and ore. 2,193,234; Mar. 12.
Jelen, Fredrick C., Anniston, Ala., assignor to Monsanto Chemical Company. Removal and recovery of fluorides from trialkali phosphates. 2,220,818; Nov. 5.
Jelenk, Ruth. (See Jelenk, Theodore, assignor.)
Jelenk, Theodore, assignor to R. Jelenk, Brooklyn, N. Y. Coin-controlled vending machine. 2,191,145; Feb. 20.
Jelenko, J. F., & Co. (See Berger, Herbert R., assignor.)
Jelliff, C. O., Manufacturing Corporation. (See Von Holtz, Frederick, assignor.)
Jellik, Charles, Jr., St. Louis, Mo. Canned milk dispenser. 2,218,285; Oct. 15.
Jellinek, Karl, Offenbach-on-the-Main, Germany, assignor to General Aniline & Film Corporation. Bleaching of cellulose fibers in peroxide baths. 2,193,173; Mar. 12.
Jenaer Glaswerk Schott & Gen. (See Berger, Edwin, assignor.)
Jencick, Stephen, Chagrin Falls, Ohio. Pump. 2,222,869; Nov. 26.
Jendrassik, George, Budapest, Hungary. Apparatus for gas turbines. 2,213,939; Sept. 3.
Jendrassik, George, Budapest, Hungary. Rotor for gas turbines and rotary compressors. 2,213,940; Sept. 3.
Jenett, Henry, Harrington Park, N. J., assignor to Interchemical Corporation, New York, N. Y. Textile printing paste. 2,222,581; Nov. 19.
Jenett, Henry, Harrington Park, N. J., assignor to Interchemical Corporation, New York, N. Y. Decorating textile fabrics. 2,222,582; Nov. 19.
Jenett, Henry, Harrington Park, and S. Meeker, Ridgewood, N. J., assignors to Interchemical Corporation, New York, N. Y. Pigmented lacquer emulsion and method of making. 2,198,669; Apr. 30.
Jeney, August, Jr. (See Rodin, Harry H., assignor.)
Jenkins, Addison, et al. (See Thayer, John D., assignor.)
Jenkins, Alexander F., Baltimore, Md. Spray gun. 2,204,599; June 18.
Jenkins, Andrew H. S., Newport, and W. C. J. D. Reece, Rumney, England, and A. W. Tuck, Penarth, Wales. Wear compensating mechanism for brakes. 2,191,429; Feb. 20.
Jenkins Bros. (See Gora, Henry Z., assignor.)
Jenkins, Bros. (See McCoy, William C., assignor.)
Jenkins Bros. (See Sorokin, Michael A., assignor.)
Jenkins Bros. (See Watson, Frank H., assignor.)
Jenkins, Charles F., Washington, D. C., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Cell persistence transmitter. Re. 21,417; Apr. 2.
Jenkins, Dave M., Gary, Ind., assignor to B. H. Lowther. Composition for treating silk goods to prevent running. 2,200,336; May 14.
Jenkins, George O., Company. (See Richter, Herman W., assignor.)
Jenkins, Henry G., Pinner, England, assignor to General Electric Company. Electric discharge lamp. 2,207,174; July 9.
Jenkins, Henry G., Pinner, England, assignor to General Electric Company. Binder for making luminescent screens. 2,219,899; Oct. 29.
Jenkins, Henry G., Pinner, and A. H. McKeag, Wembley, England, assignors to General Electric Company. Manufacture of luminescent screens. 2,219,900; Oct. 29.
Jenkins, Henry G., Pinner, and A. H. McKeag, North Wembley, England, assignors to General Electric Company. Luminescent material. 2,226,404; Dec. 24.
Jenkins, Howard L., Springfield, Ohio. Antenna support. 2,199,050; Apr. 30.
Jenkins, John E., deceased (by J. E. Otis, Jr., administrator), and S. E. Adair, Chicago, Ill., assignors, by mesne assignments to Bendix Radio Corporation, Baltimore, Md. Means adapted to reproduce sounds or other sensory effects. 2,221,312; Nov. 12.
Jenkins, John F., Park Ridge, and F. W. Burrows, Evanston, Ill. Metal awning. 2,204,363; June 11.
Jenkins Music Company. (See Ege, E. G., and Winans, assignors.)
Jenkins, Paul W. (See Young, J. H., and Jenkins.)
Jenkins Petroleum Process Company. (See McGee, Thomas L., assignor.)
Jenkins, Ray, Waupaca, Wis. Snow plow. 2,197,307; Apr. 16.
Jenkins, Robert B., and G. R. Hooper, Gastonia, N. C. Carding engine. 2,188,458; Jan. 30.
Jenkins, Tazewell H., Chicago, Ill. Pouring handle. 2,196,529; Apr. 9.
Jenkins, Tazewell H., Chicago, Ill. Gang carrier for bottles. 2,212,237; Aug. 20.
Jenkins, Vance N., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Separating wax from wax-oil mixtures. 2,205,096; June 18.

Jenkins, Wayne E., assignor to Domestic Manufacturing Company, Inc., Los Angeles, Calif. Automatic circuit breaker. 2,191,665; Feb. 27.
Jenkinson, William R. (See Chambers, A. M., Jr., and Jenkinson.)
Jenks, Clayton L., Boylston Center, Mass. Knife sharpening device. 2,203,788; June 11.
Jenks, Harold C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pressure and flow relay. 2,214,616; Sept. 10.
Jenne, Kenneth C., and G. F. Manion, Lake Worth, Fla. Coiled wire holder. 2,197,180; Apr. 16.
Jennens, William F., Kansas City, Mo. Scaffold. 2,217,055; Oct. 8.
Jenness, Leslie G., Englewood, N. J., assignor to Intermetal Corporation, Newark, N. J. Treating materials with chlorine. 2,226,471; Dec. 24.
Jenness, Leslie G., Englewood, N. J., assignor to Intermetal Corporation, Newark, N. J. Apparatus for treating materials with chlorine. 2,226,472; Dec. 24.
Jennings, Andrew B., New Brunswick, and E. B. Middleton, Metuchen, N. J., assignors to Du Pont Film Manufacturing Corporation, New York, N. Y. Bis-pyrazolonyl color former. 2,200,924; May 14.
Jennings, Arvah A. (See Small, L. F., Lee, and Jennings.)
Jennings, Chester S., Syracuse, and F. W. Gerard, De Witt, N. Y., assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,221,450; Nov. 12.
Jennings, Clair E., Schenectady, N. Y., assignor to General Electric Company. Shaft locking device. 2,200,988; May 14.
Jennings, George A., Wichita Falls, Tex., assignor to Alcorn Combustion Company. Desalting system. 2,221,518; Nov. 12.
Jennings, Harley Y., Fall River, Mass., assignor, by mesne assignments, to Copeman Laboratories Company, Flint, Mich. Tensioned yarn and thread and forming same. 2,220,958; Nov. 12.
Jennings, Harley Y., and F. W. Schouman, assignors to Copeman Laboratories Company, Flint, Mich. Refrigerating apparatus. 2,217,681; Oct. 15.
Jennings, Helen W., Bentleyville, Ohio. Dispenser. 2,198,499; Apr. 23.
Jennings, Irving C., South Norwalk, Conn. Pump. 2,192,915; Mar. 12.
Jennings, Irving C., South Norwalk, Conn. Pump. 2,195,174; Mar. 26.
Jennings, Irving C., South Norwalk, Conn. Control mechanism for steam heating systems. 2,223,689; Dec. 3.
Jennings, James, et al. (See White, J. V., and Ritter, assignors.)
Jennings, James W. (See Allston, Hugh C., assignor.)
Jennings, Jarvis S., Jr., assignor to Monarch Governor Company, Detroit, Mich. Control mechanism for governors. 2,187,652; Jan. 16.
Jennings, Jarvis S., Jr., assignor to Monarch Governor Company, Detroit, Mich. Governor. 2,187,653; Jan. 16.
Jennings, Jarvis S., Jr., assignor to Monarch Governor Company, Detroit, Mich. Governor. 2,196,498; Apr. 9.
Jennings, Jarvis S., Jr., assignor to Monarch Governor Company, Detroit, Mich. Governor. 2,200,065; May 7.
Jennings, Jarvis S., Jr., assignor to Monarch Governor Company, Detroit, Mich. Control mechanism for governors. 2,206,503; July 2.
Jennings, Jarvis S., Jr., assignor to Monarch Governor Company, Detroit, Mich. Carburetor. 2,209,401; July 30.
Jennings, La Ville R., Owasso, Mich. Scum remover. 2,220,959; Nov. 12.
Jennings, Marshall E., Michigan City, Ind., assignor to Sullivan Machinery Company. Pumping apparatus. 2,213,248; Sept. 3.
Jennings, O. D., and Company. (See Jennings, O. D., Van Tuyl, and Mihalek, assignors.)
Jennings, O. D., and Company. (See Van Tuyl, S. E., Mihalek, and Szyper, assignors.)
Jennings, Ode D., Schaumburg Township, Cook County, and S. E. Van Tuyl and E. Mihalek, assignors to O. D. Jennings and Company, Chicago, Ill. Parking meter. 2,218,821; Oct. 22.
Jennings, Oliver S., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,190,517; Feb. 13.
Jennings, Oliver S., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,214,695; Sept. 10.
Jennings, Oliver S., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,215,792; Sept. 24.
Jennings, Preston J., Brooklyn, N. Y. Fish lure and determining the proper coloring thereof. 2,188,753; Jan. 30.
Jennings, Ralph W., Hershey, Pa. Protector. 2,211,822; Aug. 20.
Jennings, Robert A. (See Gurwick, I., and Jennings.)
Jennings, Victor H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Picker spindle lubricator. 2,219,779; Oct. 29.
Jennings, Victor H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Jack guide for loom shedding mechanism. 2,226,244; Dec. 24.
Jennings, William E., West Warwick, R. I., assignor to U. S. Bobbin & Shuttle Company, Lawrence, Mass. Shuttle. 2,200,843; May 14.
Jensen, Arthur E., Anaheim, Calif. Power driven razor. 2,186,110; Jan. 9.
Jensen, Arthur W., Salt Lake City, Utah. Beet topper. 2,219,420; Oct. 29.
Jensen, Carl P., Sanborn, N. Y. Paneling. 2,214,675; Sept. 10.
Jensen, Charles A., assignor of one-half to G. E. Jensen, Los Angeles, Calif. Exhaust valve seat insert retaining and cooling means. 2,191,485; Feb. 27.
Jensen, Christian, assignor to Cargill, Incorporated, Minneapolis, Minn. Hay loader. 2,209,625; July 30.
Jensen, Christian, assignor to Cargill, Incorporated, Minneapolis, Minn. Car unloader. 2,219,926; Oct. 29.
Jensen, Christian B., St. Paul, Minn. Snowplow. 2,224,869; Dec. 17.
Jensen, Christian B., St. Paul, Minn. Snowplow. 2,224,870; Dec. 17.
Jensen Creamery Machinery Company. (See Cornell, Fritz G., Jr., assignor.)
Jensen, Einar W., and C. E. Ives, assignors to Eastman Kodak Company, Rochester, N. Y. Friction clutch. 2,199,999; May 7.
Jensen, Gerhard, and G. Jensen, Canton, S. Dak. Cable lift well auger. 2,197,580; Apr. 16.
Jensen, Godfred. (See Jensen, Gerhard, and G.)
Jensen, Grace E. (See Jensen, Charles A., assignor.)
Jensen, Gunnar, and W. H. Powers, Jackson, Mich., assignor to Walker Manufacturing Company of Wisconsin. Exhaust silencer. 2,220,866; Nov. 5.
Jensen, Hans, assignor to Rotary Seal Co., Chicago, Ill. Seal for rotating shafts. 2,209,085; July 23.
Jensen, Helge. (See Cole, L. W., Smith, and Jensen.)
Jensen, Herbert R., Minneapolis, Minn. Map. 2,185,689; Jan. 2.
Jensen, J. S. (See Mortenson, John A., assignor.)
Jensen, James A., assignor to C. E. Frick, Jr., J. R. McCoy, E. T. Heller, J. H. and J. A. Jensen, co-partners, trading as Philadelphia Valve Company, Philadelphia, Pa. Emergency valve and mechanism remover-replacer. 2,212,370; Aug. 20.
Jensen, Jens C., Chicago, Ill., assignor to Northern Paper Mills, Green Bay, Wis. Towel cabinet. 2,195,727; Apr. 2.
Jensen, John, assignor to Whitney Metal Tool Company, Rockford, Ill. Bending brake. 2,190,839; Feb. 20.
Jensen, John, assignor to Whitney Metal Tool Company, Rockford, Ill. Industrial cutting tool. 2,224,226; Dec. 10.
Jensen, John H., et al. (See Jensen, James A., assignor.)
Jensen, Joseph W., assignor to Electric Household Utilities Corporation, Chicago, Ill. Washing machine. 2,186,786; Jan. 9.
Jensen, Joseph W., assignor to Electric Household Utilities Corporation, Chicago, Ill. Release for ironer shoe. 2,186,787; Jan. 9.
Jensen, Karl J., Nydalen, v. Aker, near Oslo, Norway, assignor, by mesne assignments, to Screw Nail Corporation of America, Wilmington, Del. Machine and method for twisting metal wires. Re. 21,596; Oct. 8.
Jensen, Lloyd B., Chicago, Ill. Tendering meat. 2,221,689; Nov. 12.
Jensen, Lloyd B., and L. S. Paddock, Chicago, Ill. Sausage treatment. 2,225,783; Dec. 24.
Jensen, Ludwig. (See Metzger, G., Gannon, and Jensen.)
Jensen, Niels W., assignor to Hughes Autograf Brush Co., Inc., Troy, N. Y. Cushion back brush and pad therefor. 2,197,551; Apr. 16.
Jensen, Ole, Chicago, Ill. Fluid control device. 2,204,760; June 18.
Jensen, Otto M., Milwaukee, Wis., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,220,484; Nov. 5.
Jensen, Otto M., and F. T. Wruk, Racine, and T. W. Whitley, Kenosha, assignors to Peerless Machine Company, Racine, Wis. Hydraulic feed for power driven hack saws. 2,202,256; May 28.
Jensen, Raymond J., assignor to Electric Motor Control Co., Milwaukee, Wis. Automatic control for electric motors. 2,215,242; Sept. 17.
Jensen-Salsbery Laboratories Inc. (See Brown, H. P., and Austin, assignors.)
Jensen, Thormod, Laurelton, N. Y., assignor to American Machine & Foundry Company. Sealing mechanism for wrapping machines. 2,189,069; Feb. 6.
Jensen, Thormod, Laurelton, N. Y., assignor to American Machine & Foundry Company. Electric control mechanism for bread wrapping machines. 2,221,481; Nov. 12.
Jentz, Carl, Canton, N. C. Garment hanger attachment. 2,218,150; Oct. 15.
Jentzen, George H., Jersey City, N. J. Animated display method and means. 2,220,719; Nov. 5.
Jepertinger, Richard C. (See Hirtz, J. F., and Jepertinger.)
Jepertinger, Richard C., assignor to Syncromatic Air Conditioning Corporation, Milwaukee, Wis. Air treating apparatus. 2,220,604; Nov. 5.
Jephson, Allen C., Johnstown, Pa., assignor, by mesne assignments, to Lincoln Niagara Corporation, New York, N. Y. Recovery of copper from brass. 2,213,864; Sept. 3.

Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Sprayer. 2,211,823; Aug. 20.
Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Shaving implement. 2,220,800; Nov. 5.
Jepson, Ivar, and E. Bylund, assignors to Chicago Flexible Shaft Company, Chicago, Ill. Coffee maker. 2,223,450; Dec. 3.
Jepson, Percy, assignor to Pacific Machinery Company, San Francisco, Calif. Apparatus for pitting fruit. 2,192,444; Mar. 5.
Jepson, Percy, assignor to Pacific Machinery Company, San Francisco, Calif. Fruit handling and treating machine. 2,226,664; Dec. 31.
Jerabek, Henry S. (See Canfield, R. H., Kaiser, Gezelius, and Jarabek.)
Jereczek, Viktor, Tempelhof, near Berlin, Germany. Device for equidirectional milling. 2,206,479; July 2.
Jereczek, Viktor, Weissensee, near Berlin, Germany. Driving device for milling machines. 2,208,986; July 23.
Jerguson, Philip A. (See Hoadley, George B., assignor.)
Jerguson, Philip A., West Medford, Mass. Boiler water level testing means. 2,205,143; June 18.
Jerichow, Earl, Hannibal, assignor to International Shoe Company, St. Louis, Mo. Die. 2,201,582; May 21.
Jernigan, Carolyn. (See Whitaker, Herman W., assignor.)
Jersey Cigar Machines, Inc. (See Giles, Joseph W. and W. J., assignors.)
Jervis, Fred, et al. (See Kuehn, W. G., and Hover, assignors.)
Jesse, Reinhard. (See Van Beek, H., Wörn, Lohmann, and Jesse.)
Jessen, Arnold H., Los Angeles, Calif. Selectively controlled clutch transmission mechanism. 2,208,674; July 23.
Jessien, Wilhelm. (See Albers, F., Trabert, Sack, Jessien, Dieterle, and Riester.)
Jesson, John A., and S. C. Kyle, assignors of seventy-six one-hundredths to said Jesson and twenty-four one-hundredths to R. A. Watson, San Francisco, Calif. Casing head. 2,207,255; July 9.
Jesson, Lloyd W., and G. C. Nellist, Barker, N. Y. Pulverizer. 2,217,118; Oct. 8.
Jessop, George, Ingle Nook, Gomersal, near Leeds, England. Spacing and forming buttonholes and other stitchings in articles of clothing. 2,194,794; Mar. 26.
Jessup, Charles C., Jeanerette, La. Sample-taking apparatus. 2,198,821; Apr. 30.
Jessup, Morris K., Grosse Pointe Park, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Vehicle traction plow. 2,223,993; Dec. 3.
Jeter, Bessie G. (See Jeter, Jerry C., and B. G.)
Jeter, Jerry C., and B. G., Upper Lake, Calif. Film holder. 2,215,397; Sept. 17.
Jeter, Sinclair H., Dover Plains, N. Y. Ankle joint for artificial limbs. 2,215,525; Sept. 24.
Jett, George C., Milwaukee, Wis. Variable speed power drive. 2,209,023; July 23.
Jett, George H., Elizabeth, N. J. Flame arresting device. 2,220,720; Nov. 5.
Jett, Lloyd M., Seattle, Wash. Climbing cleat for skis. 2,194,979; Mar. 26.
Jett, Lowell F., Elizabeth, N. J. Float gauge for ships. 2,193,423; Mar. 12.
Jetté, Joseph, Fall River, Mass. Ink applicator. 2,225,010; Dec. 17.
Jewel, Paul W., and J. R. Pratt, assignors to Max Factor & Co., Los Angeles, Calif. Manufacture of brominated phthalic acid. 2,211,465; Aug. 13.
Jewell, Bernard W., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Window ledge air conditioning unit. 2,198,500; Apr. 23.
Jewell, Bernard W., Dayton, Ohio, assignor, by mesne assignments, to Chrysler Corporation, Highland Park, Mich. Compressor support. 2,206,463; July 2.
Jewell, Ira H., Evanston, Ill. Method of and apparatus for rapid sand filtration. 2,209,602; July 30.
Jewell, Joseph W., Summit, and W. W. Diener, Elizabeth, assignors to Gasoline Products Company, Incorporated, Jersey City, N. J. Valve construction. 2,209,296; July 23.
Jewell, Raymond L., Millcreek Township, Erie county, assignor to American Sterilizer Company, Erie, Pa. Level maintaining device. 2,214,556; Sept. 10.
Jewell, Wendell D., Wilkes-Barre, Pa., assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,210,121; Aug. 6.
Jewett, Charles E. (See Moore, J. H., Jewett, and Burdett.)
Jewett, Clifford L., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Metal roofing shingle. 2,197,803; Apr. 23.
Jewett, Josephine F., Los Angeles, assignor of two-thirds to D. J. Young, North Hollywood, and R. C. Stevens, West Los Angeles, Calif., jointly. Golf teeing device. 2,198,968; Apr. 30.
Jex, William A., Somerville, Mass. One-way clutch. 2,194,228; Mar. 19.
Ježek, Jan. (See Schmidt, H., and Ježek.)
Jiffy Manufacturing Company. (See Colburn, George C., Jr., assignor.)
Jimerson, Francis A., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Sealing device. 2,185,812; Jan. 2.
Jimerson, Francis A., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Impact tool. 2,196,589; Apr. 9.
Jines, Tillman, et al. (See Ridley, Ralph M., assignor.)
Jirka, Joseph F., and R. N. McCurdy, Cleveland, E. Slager, Garfield Heights, Ohio, and R. D. Ernest, Dearborn, Mich., assignors to The Powerlite Switchboard Company, Cleveland, Ohio. Safety switch mechanism. 2,186,640; Jan. 9.
Jirou, Marcel G. (See Mirocourt, H., and Jirou.)
Jirousek, Joseph F., assignor to Chandler & Price Company, Cleveland, Ohio. Sheet separating and feeding mechanism for printing presses. 2,203,823; June 11.
Jirousek, Joseph F., assignor to The Chandler & Price Company, Cleveland, Ohio. Preloading apparatus for printing presses. 2,213,736; Sept. 3.
Jivkovitch, Alexander, Beograd, Yugoslavia. Steering gear. 2,193,927; Mar. 19.
Joa, Curt G., assignor to Curt G. Joa, Inc., Sheboygan Falls, Wis. Sewed sanitary article and manufacture thereof. 2,213,431; Sept. 3.
Joa, Curt G., Inc. (See Joa, Curt G., assignor.)
Joabson, Arthur, Chicago, Ill. Fishing device. 2,194,088; Mar. 19.
Joachim, Herman L., San Francisco, Calif., assignor to Maui Agricultural Co. Ltd. Bleaching pulp. 2,186,487; Jan. 9.
Jobe, Frederick W., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Perimeter. 2,221,936; Nov. 19.
Jobert, Arthur H. (See Montgomery, D. H., and Jobert.)
Jobson, Otto. (See Ekholm, H. W., and Jobson.)
Jobst, Conrad. (See Hallenbeck, G. E., and Jobst.)
Jobst, Conrad, Toledo, Ohio. Automobile. 2,210,590; Aug. 6.
Jobst, Conrad, assignor, by mesne assignments, to The Owens Staple-Tied Brush Company, Toledo, Ohio. Brush. 2,224,788; Dec. 10.
Jodel Inc. (See Levin, D. E., and McGee, assignors.)
Joeck, Thomas D., Belmar, N. J., assignor to Bendix Stromberg Carburetor Company, South Bend, Ind. Engine starting apparatus. 2,225,636; Dec. 24.
Joesting, Frederick D., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control mechanism. 2,210,922; Aug. 13.
Johannes, Walter, and W. Zetzsche, Premnitz, Westhavelland, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Dialyzing apparatus. 2,187,818; Jan. 23.
Johannesen, Frank, Erie, Pa., and F. Swenson, Teaneck, N. J., assignors to Linotype Parts Company, New York, N. Y. Feeding mechanism. 2,194,282; Mar. 19.
Johannessen, Vaughn L., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material handling apparatus. 2,221,543; Nov. 12.
Johannessohn, Fritz. (See Rabald, E., and Johannessohn.)
Johannesson, Benno, Berlin-Lichterfelde, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Noise reduction circuit. 2,207,886; July 16.
Johannesson, Benno, Berlin-Lichterfelde, and O. Tüxen, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Indicator insuring sharp tuning of a receiver set. 2,218,987; Oct. 22.
Johannesson, Jurg. (See Steudel, E., and Johannesson.)
Johanns, Martinus J. C., Rotterdam, Netherlands. Sheet metal structure. 2,197,761; Apr. 23.
Johannsen, Udo K., assignor to The Titchener Corporation, Cortland, N. Y. Folding table link lock. 2,213,803; Sept. 3.
Johannson, Bjorn. (See Carlsson, Ferdinand H., assignor.)
Johannson, Helmut, Berlin-Charlottenburg, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Regulating arrangement for high frequency receivers. 2,205,562; June 25.
Johannson, Helmut, Berlin-Charlottenburg, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Screening high frequency devices. 2,208,370; July 16.
Johannson, Helmut, and K. H. Hofmann, Berlin, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Direction finding system. 2,213,842; Sept. 3.
Johansen, Einar K. (See Glasner, R. W., and Johansen.)
Johansen, Einar K., Chicago, Ill., assignor, by mesne assignments, to The Cincinnati Milling Machine Company. Duplicating machine. 2,190,988; Feb. 20.
Johansen, Harry C., Michigan City, Ind., assignor to Sullivan Machinery Company. Rotary drilling apparatus. 2,192,192; Mar. 5.
Johansen, Fredrik, and E. J. Lloyd, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Rope tramway. 2,198,536; Apr. 23.
Johansen, Harry C., Michigan City, Ind., assignor to Sullivan Machinery Company. Rotary drilling apparatus. Re. 21,616; Nov. 5.
Johanson, Adolph T., assignor of one-half to M. E. Page, Jr., Chicago, Ill. Method for boiler repairs. 2,196,464; Apr. 9.

Johanson, Carl H., deceased; O. W. Houge, executor, and R. A. Weber, Los Angeles, Calif. Magnifying presser foot. 2,211,331; Aug. 13.
Johanson, John E., assignor to Aircraft Radio Corporation, Boonton, N. J. Insulated electrical terminal. 2,211,659; Aug. 13.
Johanson, John H., assignor to The Cleveland Heater Company, Cleveland, Ohio. Resilient pulley. 2,196,923; Apr. 9.
Johanson, Magnus H. (See Blomfield, F. C., and Johanson.)
Johanson, Magnus H., assignor to Gleason Works, Rochester, N. Y. Method of and apparatus for relieving gear cutters. 2,188,005; Jan. 23.
Johansson, Bengt O., Stockholm, Sweden. Arrangement of liquid level gauges. 2,219,366; Oct. 29.
Johansson, Ernest G., Watertown, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Meter mounting. 2,205,202; June 18.
Johansson, Johan E., assignor to Aktiebolaget Gotaverken, Goteborg, Sweden. Plant comprising two or more pressure medium generators. 2,201,682; May 21.
Johansson, Johan E., assignor to Aktiebolaget Gotaverken, Goteborg, Sweden. Plant comprising pressure medium generators working in parallel. 2,201,683; May 21.
Johansson, John O. E., Eskilstuna, Sweden, assignor to Ford Motor Company, Dearborn, Mich. Combination block gauge set. 2,208,371; July 16.
John, Albert J., Brookfield, Ill. Fishing appliance. 2,206,569; July 2.
John, Robert S., Waukegan, Ill. Photography. 2,198,115; Apr. 23.
Johns, Henry S., Cleveland, Ohio, assignor to Bancroft Holdings Limited, Hamilton, Ontario, Canada. Tubular belt conveyer. 2,199,935; May 7.
Johns, Henry S., Cleveland, assignor to Bancroft Holdings Limited, Hamilton, Ontario, Canada. Tubular belt conveyer. 2,212,024; Aug. 20.
Johns, Herman S., et al. (See Long, H. L., and Johns.)
Johns, Hiram W., Union City, Ind. Lineman's protective device. 2,205,039; June 18.
Johns-Manville Corporation. (See Ames, Cortlandt F., Jr., assignor.)
Johns-Manville Corporation. (See Badollet, Marion S., assignor.)
Johns-Manville Corporation. (See Cannon, Phillip D., assignor.)
Johns-Manville Corporation. (See Carroll, John S., assignor.)
Johns-Manville Corporation. (See Christenson, George, assignor.)
Johns-Manville Corporation. (See Clarvoe, G. W., and Baum, assignors.)
Johns-Manville Corporation. (See Cummins, Arthur B., assignor.)
Johns-Manville Corporation. (See Gray, A. M., Jr., and Parkinson, assignors.)
Johns-Manville Corporation. (See Johnson, R. L., Knapp, Cooper, and Lyons, assignors.)
Johns-Manville Corporation. (See Kline, Virgil C., assignor.)
Johns-Manville Corporation. (See Lucius, William I., assignor.)
Johns-Manville Corporation. (See Pearce, Gale T., assignor.)
Johns-Manville Corporation. (See Powell, Edward R., assignor.)
Johns-Manville Corporation. (See Puzio, Frank P., assignor.)
Johns-Manville Corporation. (See Rowe, William L., assignor.)
Johns-Manville Corporation. (See Saunders, Arthur B., assignor.)
Johns-Manville Corporation. (See Seigle, W. R., O'Brien, and Smith, assignors.)
Johns-Manville Corporation. (See Shipway, G. E., and Steuber, assignors.)
Johns-Manville Corporation. (See Smolak, George, assignor.)
Johns-Manville Corporation. (See Sullivan, W. G., and Stove, assignors.)
Johns-Manville Corporation. (See Vieweg, H. F., Holcomb, Pearce, and Coss, assignors.)
Johns-Manville Corporation. (See Whitacre, Verne L., assignor.)
Johns-Manville Corporation. (See Wiener, John A., assignor.)
Johnsen, Bjornulf, Brooklyn, assignor to L. N. S. Corporation, New York, N. Y. Fluid dispensing device. 2,199,800; May 7.
Johnsen, Conrad F., Omaha, Neb. Detachable and flexible tension riding rollers. 2,204,934; June 18.
Johnsen, Holger A. E., assignor of one-half to J. B. Fraser, Fort Lauderdale, Fla. Irrigation pump. 2,209,652; July 30.
Johnske, Fritz, and R. Romeike, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Germany. Compensator for radio direction finders. 2,210,410; Aug. 6.
Johnson, Aaron W., Springfield Gardens, N. Y. Scale. 2,193,594; Mar. 12.
Johnson, Albert, Worthing, S. Dak. Radio control system. 2,205,170; June 18.
Johnson, Albert A., Kew Gardens, N. Y. Railway car. 2,186,700; Jan. 9.
Johnson, Albert A., Kew Gardens, N. Y. Gravity unloading railway car. 2,186,701; Jan. 9.
Johnson, Albert C., Brooklyn, N. Y. Oil burner. 2,200,826; May 14.
Johnson, Albert K., Fargo, N. Dak. Wedge fastener for scraper blades. 2,189,745; Feb. 6.
Johnson, Albert K., Webster, S. Dak. Wedge fastener for scraper blades. 2,220,819; Nov. 5.
Johnson, Albert L., Spencer, Iowa. Catch basin cleaner. 2,196,116; Apr. 2.
Johnson, Albert S., Struthers, Ohio. Casting bobber. 2,212,941; Aug. 27.
Johnson, Albert S., Oak Park, Ill. Heat insulation material. 2,214,904; Sept. 17.
Johnson, Albin, Detroit, Mich. Inserted blade cutter tool. 2,189,801; Feb. 13.
Johnson, Alfred. (See Wold, Samuel, assignor.)
Johnson, Alfred, Chicago, Ill. Buckle. 2,191,210; Feb. 20.
Johnson, Alfred, Summit, and M. M. Brandegee, Plainfield, N. J., assignors to Combustion Utilities Corporation, New York, N. Y. Manufacture of combustible gas. 2,192,815; Mar. 5.
Johnson, Alfred, Summit, and M. M. Brandegee, Plainfield, N. J., assignors to Combustion Utilities Corporation, New York, N. Y. Manufacture of gas. 2,207,985; July 16.
Johnson, Alfred J. (See Lubs, H. A., and Johnson.)
Johnson, Allen J., Drexel Hill Plaza, Pa. Device for kindling fires. 2,192,732; Mar. 5.
Johnson, Allen J., Drexel Hill Plaza, and W. K. Staley, Morton, Pa., assignors to Anthracite Industries, Inc., New York, N. Y. Apparatus for igniting solid fuel. 2,210,720; Aug. 6.
Johnson, Alvin L., Ottawa Hills, assignor to The Logan Gear Company, Toledo, Ohio. Lifting device. 2,193,424; Mar. 12.
Johnson, Alvin L., Ottawa Hills, Ohio, assignor to The American Forging & Socket Company, Pontiac, Mich. Emergency brake lever assembly. 2,204,893; June 18.
Johnson, Alvin L., Ottawa Hills, Ohio, assignor to The American Forging & Socket Company, Pontiac, Mich. Lifting jack. 2,205,691; June 25.
Johnson, Alvin L., Ottawa Hills, Ohio, assignor to The American Forging & Socket Company, Pontiac, Mich. Lifting jack. 2,213,672; Sept. 3.
Johnson, Amandus. (See Levine, H., and Johnson.)
Johnson, Andrew J., and A. L. Goetzmann, Minneapolis, Minn. Beverage cooler. 2,203,991; June 11.
Johnson, Andrew L., assignor to The American Forging & Socket Company, Pontiac, Mich. Seat adjusting means. 2,204,894; June 18.
Johnson, Andrew R., Chicago, and C. E. Watson, La Grange, assignors to Informat, Inc., Chicago, Ill. Apparatus for furnishing audible information. 2,216,114; Oct. 1.
Johnson, Anton E., Minneapolis, Minn. Variable speed control for the transmission of power. 2,218,712; Oct. 22.
Johnson, Arnold E., Brooklyn, N. Y. Combination nail file and holder therefor. 2,215,877; Sept. 24.
Johnson, Arnold E. W. (See Lindgren, A. C., and Johnson.)
Johnson, Arthur. (See Sedgwick, H. A., and Johnson.)
Johnson, Arthur A. (See Steiber, Theodore E., assignor.)
Johnson, Arthur A. (See Swan, Willis A., assignor.)
Johnson, Arthur A., Bridgeport, Conn. Toy railway system. 2,187,424; Jan. 16.
Johnson, Arthur A., Bridgeport, Conn., assignor to Autographic Register Company, Hoboken, N. J. Manifolding device. 2,190,923; Feb. 20.
Johnson, Arthur A., assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,196,151; Apr. 2.
Johnson, Arthur A., Bridgeport, Conn., assignor to Autographic Register Company, Hoboken, N. J. Manifolding. 2,199,359; Apr. 30.
Johnson, Arthur A., assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,219,548; Oct. 29.
Johnson, Arthur A., assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,220,015; Oct. 29.
Johnson, Arthur A., assignor to Casco Products Corporation, Bridgeport, Conn. Shaving machine. 2,223,286; Nov. 26.
Johnson, Arthur A., assignor to John I. Paulding, Inc., New Bedford, Mass. Electric light fixture. 2,194,905; Mar. 26.
Johnson, Arthur A., assignor to John I. Paulding, Inc., New Bedford, Mass. Electric switch. 2,226,772; Dec. 31.
Johnson, Arthur E. (See Van Stone, C. E., and Johnson.)
Johnson, Arthur J., Wheaton, Ill. Valve. 2,192,193; Mar. 5.
Johnson, Arthur W., and G. H. Young, Pittsburgh, Pa., assignors to Stoner-Mudge, Inc. Coating compound. 2,208,216; July 16.
Johnson Automatic Sealer Co. (See Richard, Charles F., assignor.)
Johnson, Axel A., Holly, Mich. Cleaning implement. 2,190,427; Feb. 13.

Johnson, Axel F., Chicago, Ill., and C. H. Rawson, Tulsa, Okla., assignors to Chicago Metal Hose Corporation, Maywood, Ill. Flexible connector. 2,196,676; Apr. 9.
Johnson, Axel H., Peru, Ill. Amplifying linear displacements. 2,208,635; July 23.
Johnson, Ben F., assignor to National Metal Products Company, Inc., Connersville, Ind. Handle mechanism. 2,218,752; Oct. 22.
Johnson, Bernard C., Libertyville, Ill., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Spool. 2,194,795; Mar. 26.
Johnson, Bernard G., Brookfield, Ill. Hoist construction. 2,213,766; Sept. 3.
Johnson Bronze Company. (See Klinker, Louis G., assignor.)
Johnson Bronze Company. (See Sandler, L., and Klinker, assignors.)
Johnson, Bror A. (See Olson, R. V., and Johnson.)
Johnson, Bror A. E., Alsten, assignor to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Apparatus for filling containers. 2,210,456; Aug. 6.
Johnson Brothers Engineering Corporation. (See Johnson, Clarence L., assignor.)
Johnson Brothers Engineering Corporation. (See Johnson, Louis J., and H. L., assignors.)
Johnson, Burchell M., South Sudbury, assignor of one-half to C. P. Howard, Worcester, Mass. Control device for camera and sound recorder. 2,206,192; July 2.
Johnson, C. S., Company. (See Harmon, Clarence L., assignor.)
Johnson, C. S., Company, The. (See Johnson, Charles, assignor.)
Johnson, Carl, Maplewood, N. J., and W. M. Allison, New York, N. Y., assignors to Oakite Products, Inc. Germicidal compounds. 2,216,842; Oct. 8.
Johnson, Carl A., Springfield, Mass. Boring device. 2,204,860; June 18.
Johnson, Carl B. (See Johnson, Charles and C. B.)
Johnson, Carl E., Pasadena, assignor to Sterling Electric Motors, Inc., Los Angeles, Calif. Unitary variable-speed geared motor structure. 2,193,251; Mar. 12.
Johnson, Carl E., Pasadena, assignor to Sterling Electric Motors, Inc., Los Angeles, Calif. Variable speed transmission for motors. 2,211,503; Aug. 13.
Johnson, Carl E., Pasadena, and E. Mendenhall, assignors to Sterling Electric Motors, Inc., Los Angeles, Calif. Variable-speed device having two movable flanges. 2,196,605; Apr. 9.
Johnson, Carl O., assignor to R. B. Waite, Springville, N. Y. Buffing and polishing machine. 2,188,223; Jan. 23.
Johnson, Carl R., assignor of fifty per cent to C. E. Cannon, Denver, Colo. Crushing and grinding machine. 2,211,824; Aug. 20.
Johnson, Carl V., South Bend, Ind. Shock strut. 2,222,844; Nov. 26.
Johnson, Carl V., South Bend, Ind. Shock absorbing means. 2,222,845; Nov. 26.
Johnson, Carl V., assignor to Bendix Aviation Corporation, South Bend, Ind. Shock strut. 2,197,474; Apr. 16.
Johnson, Carl V., assignor to Bendix Products Corporation, South Bend, Ind. Shock strut. 2,209,603; July 30.
Johnson, Carl V., assignor to Bendix Aviation Corporation, South Bend, Ind. Shock strut. 2,227,261; Dec. 31.
Johnson, Carl W., assignor to E. C. Rosander, and A. E. Rosander, Minneapolis, Minn. Beer foam control device. 2,225,996; Dec. 24.
Johnson, Cecil E., New York, N. Y., assignor to International Cigar Machinery Company. Promoting plant growth. 2,215,878; Sept. 24.
Johnson, Cecil L., Toledo, Ohio, assignor to The Indemse Corporation. Heat metering apparatus. 2,210,082; Aug. 6.
Johnson Chair Co. (See Johnson, Walter J., assignor.)
Johnson, Charles and C. B., Salt Lake City, Utah. Tooth paste tube closure. 2,196,530; Apr. 9.
Johnson, Charles D., assignor to Johnson Steel & Wire Company, Inc., Worcester, Mass. Continuous wire-drawing machine. 2,199,493; May 7.
Johnson, Charles D., assignor to Johnson Steel & Wire Company, Inc., Worcester, Mass. Wire-drawing apparatus. 2,199,494; May 7.
Johnson, Charles D., assignor to Johnson Steel & Wire Company, Inc., Worcester, Mass. Wire-drawing apparatus. 2,199,495; May 7.
Johnson, Charles D., assignor to Johnson Steel & Wire Company, Inc., Worcester, Mass. Wire-drawing apparatus. 2,199,496; May 7.
Johnson, Charles D., assignor to Johnson Steel & Wire Company, Inc., Worcester, Mass. Wire-drawing machine. 2,213,344; Sept. 3.
Johnson, Charles E. (See Kress, O., and Johnson.)
Johnson, Charles E., Belmont, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Splitting sheet material. 2,217,753; Oct. 15.
Johnson, Charles E., and P. F. Bergmann, North Muskegon Heights, Mich. Hydraulic tappet. 2,220,336; Nov. 5.
Johnson, Charles R. (See Cox, I. J., and Johnson.)
Johnson, Charles R. (See Hall, W. P.-G., Johnson, and Nydegger.)
Johnson, Charles R. (See Handforth, S. L., Johnson, and Smith.)
Johnson, Charles R., Springfield, Mass., assignor to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. Fabric dyeing method and apparatus. 2,199,342; Apr. 30.
Johnson, Charles R., Glenn Mills, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electric blasting initiator. 2,204,994; June 18.
Johnson, Charles R., West Chester, Pa., and R. R. Nydegger, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Electric blasting initiator. 2,212,474; Aug. 20.
Johnson, Charles S., assignor to The C. S. Johnson Company, Champaign, Ill. Central mixing plant. 2,199,289; Apr. 30.
Johnson, Chester W., Hanson, assignor to W. E. Lombard, Arlington, Mass. Shelf. 2,226,933; Dec. 31.
Johnson, Clarence, East Cleveland, Ohio, assignor to Bailey Meter Company. Measuring apparatus. 2,203,789; June 11.
Johnson, Clarence, Cleveland Heights, Ohio, assignor to Bailey Meter Company. Measuring apparatus. 2,203,790; June 11.
Johnson, Clarence B., Glastonbury, Conn. Fifth-wheel mechanism. 2,213,221; Sept. 3.
Johnson, Clarence L., assignor to Johnson Brothers Engineering Corporation, Waukegan, Ill. Internal combustion engine. 2,185,506; Jan. 2.
Johnson, Claus J., Columbus, Ohio, assignor to The Traylor Vibrator Company. Vibrating apparatus. 2,225,537; Dec. 17.
Johnson, Clifford S., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Making fiber-rubber products. 2,215,553; Sept. 24.
Johnson & Co. (See Dahlberg, Amund B. C., assignor.)
Johnson Corporation, The. (See Goff, Leonard D., assignor.)
Johnson, Corydon M., Freeport, N. Y. Game piece. 2,198,670; Apr. 30.
Johnson, Curtis D., Black River, Jamaica. Shock absorber. 2,204,415; June 11.
Johnson, Curtis H., Santa Monica, Calif. Method and apparatus for determining the strike and dip of subsurface strata. 2,203,730; June 11.
Johnson, Daniel P., Washington, D. C. Oxygen regulator. 2,220,905; Nov. 12.
Johnson, David W., New Britain, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Wire terminal. 2,221,710; Nov. 12.
Johnson, Earl S., Erie, Pa., and J. R. Kilander and E. H. Reid, Schenectady, N. Y., assignors to General Electric Company. Electric valve circuit. 2,196,811; Apr. 9.
Johnson, Edgar W., Kansas City, Mo. Weed extractor. 2,194,597; Mar. 26.
Johnson, Edward A., and A. A. Emelianoff, New York, N. Y. Profile dresser for abrasive wheels. 2,197,762; Apr. 23.
Johnson, Edward A., and A. C. Lindgren, Chicago, Ill., assignors to International Harvester Company. Tractor. 2,221,546; Nov. 12.
Johnson, Edward E., assignor to Edward E. Johnson Incorporated, St. Paul, Minn. Making screens for use in connection with oil wells. 2,185,999; Jan. 9.
Johnson, Edward E., Incorporated. (See Johnson, Edward E., assignor.)
Johnson, Edward S., Seven Mile, Ohio. Burglar alarm. 2,193,690; Mar. 12.
Johnson, Edward T., assignor to The New England Box Company, Greenfield, Mass. Wooden box. 2,211,853; Aug. 20.
Johnson, Edward T., assignor to The New England Box Company, Greenfield, Mass. Puzzle. 2,216,915; Oct. 8.
Johnson, Edwin H., Lincoln, Ill. Grain divider. 2,195,518; Apr. 2.
Johnson, Edwin J. (See Long, C. J., Johnson, and Swindells.)
Johnson, Edwin W. (See Andres, W. A., and Johnson.)
Johnson, Ellsworth T. (See Coultas, W. J., and Johnson.)
Johnson, Elwood M. (See Reiff, O. M., and Johnson.)
Johnson, Endicott, Corporation. (See Morse, H. B., and Cornell, assignors.)
Johnson, Erik H., trustee. (See Thorssen, Albert N.)
Johnson, Ernest. (See Carlson, Arthur W., assignor.)
Johnson, Ervin L. (See Chadima, L. C., Ilten, and Johnson.)
Johnson, Ezekiel, Machias, Maine. Berry cleaner and separator. 2,210,486; Aug. 6.
Johnson, Floyd E., Crystal Lake, Ill. Work holder. 2,194,089; Mar. 19.
Johnson, Frank L., Akron, Ohio. Press. 2,199,000; Apr. 30.
Johnson, Frank L., Waterbury, Conn. Machine for voicing reeds of harmonicas. 2,225,784; Dec. 24.
Johnson, Frank W. (See Carter, A. S., and Johnson.)
Johnson, Fred V. (See Henning, G. E., Johnson, and Thronsen.)
Johnson, Fred V., deceased, by L. T. Johnson, executrix, Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for twisting and reeling material. 2,189,314; Feb. 6.

Johnson, Fred V., deceased (by L. T. Johnson, executrix), and L. V. Mosher, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Material handling apparatus. 2,224,913; Dec. 17.
Johnson, Fred V., D. C. Robson, and G. A. Seeley, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Assembly apparatus. 2,192,229; Mar. 5.
Johnson, Frederick B., Murrysville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lightning arrester. 2,217,482; Oct. 8.
Johnson, Frederick O., Chicago, Ill. Control device. 2,222,101; Nov. 19.
Johnson, Garland A., Alameda, Calif. Airplane propeller driving mechanism. 2,222,102; Nov. 19.
Johnson and Geer, et al. (See Francis, George W., Sr., assignor.)
Johnson, George A., assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorbing mechanism. 2,187,156; Jan. 16.
Johnson, George C. (See Gunn, F. M., Johnson, and Hoenke.)
Johnson, George E., Paynesville, Minn. Device to aid in hanging transformers on crossbars. 2,196,499; Apr. 9.
Johnson, George H., Rockford, Ill. Clutch plate. 2,221,800; Nov. 19.
Johnson, George H., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Lid support. 2,209,977; Aug. 6.
Johnson, George H., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Lid support. 2,209,978; Aug. 6.
Johnson, George T., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Railway car truck. 2,217,682; Oct. 15.
Johnson, George T., Jr., assignor to Jerman Lewis Johnson, Houston, Tex. Manual gauge hatch. 2,226,060; Dec. 24.
Johnson, George W., Kansas City, Mo. Automobile awning. 2,199,134; Apr. 30.
Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Folding machine. 2,214,857; Sept. 17.
Johnson, Gordon G., assignor to Auburn Automobile Company, Connersville, Ind. Refrigerator. 2,200,502; May 14.
Johnson, Gustav O., Elkhart, Ind. Return or counterbalance for punch press controls. 2,195,087; Mar. 26.
Johnson, Gustave A., Weymouth, assignor to New England Bedding Company, Medford, Mass. Couch bed. 2,195,534; Apr. 2.
Johnson, H. William, et al. (See Wright, Charles G., assignor.)
Johnson, Harry D., Whittier, assignor of one-half to C. G. Schulze, South Pasadena, Calif. Mechanical cement finisher. 2,194,754; Mar. 26.
Johnson, Harry E. (See Prutton, C. F., Smith, and Johnson.)
Johnson, Harry E., incompetent, by L. B. Johnson, Madison, Ill., conservatrix. Safety lighting system for automotive vehicles. 2,223,616; Dec. 3.
Johnson, Harry L. (See Johnson, Louis J. and H. L.)
Johnson, Harry L., Minneapolis, Minn. Grain separator. 2,203,152; June 4.
Johnson, Harvey R., Baltimore, Md. Desk attachment for mailbag holding racks. 2,195,148; Mar. 26.
Johnson, Henry R. (See Oberhoffken, A., and Johnson.)
Johnson, Henry V., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control circuits. 2,193,595; Mar. 12.
Johnson, Herbert B., assignor to Ritter Products Corporation, Rochester, N. Y. Electrostatic separation 2,197,864; Apr. 23.
Johnson, Herbert B., Rochester, assignor to Ritter Products Corporation, Ritter Park, Rochester, N. Y. Concentrating phosphate bearing minerals. 2,197,865; Apr. 23.
Johnson, Herbert C., Wilmette, Ill. Juice extractor. 2,220,372; Nov. 5.
Johnson, Herbert M., Boston, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Terminal clamp. 2,201,583; May 21.
Johnson, Herbert W., New York, N. Y., assignor to Celluloid Corporation. Injection molding device. 2,192,263; Mar. 5.
Johnson, Herman K., Grand Haven, Mich., assignor to The Bastian-Blessing Co., Chicago, Ill. Control and warning circuit. 2,190,428; Feb. 13.
Johnson, Herman K., Grand Haven, Mich., assignor to The Bastian-Blessing Company, Chicago, Ill. Apparatus for serving frozen confection products. 2,209,979; Aug. 6.
Johnson, Hjalmar W., Chicago, Ill. Blast furnace bell. 2,215,879; Sept. 24.
Johnson, Hoadley, San Francisco, Calif. Labeling machine. 2,192,833; Mar. 5.
Johnson and Horner. (See Hall, Eric E., assignor.)
Johnson, Hugh C. (See Cobham, A. J., Johnson, and Allison.)
Johnson, Imogene, Tulsa, Okla. Light attachment for irons. 2,209,086; July 23.
Johnson, J. Claudine, Rockford, Ill. Bathing cap. 2,204,895; June 18.
Johnson, Jack, Long Beach, Calif., assignor to J. W. Heaston. Whipstock. 2,227,347; Dec. 31.
Johnson, Jacob, Newark, N. J. Knee shoe. 2,195,817; Apr. 2.
Johnson, James, Saco, Maine, assignor to Draper Corporation, Hopedale, Mass. Box plate. 2,206,843; July 2.
Johnson, James A., Carteret, and K. Geigel, Woodbridge, N. J., assignors to The American Metal Company, Limited, New York, N. Y. Making castings with passages therein. 2,211,854; Aug. 20.
Johnson, James E. (See Dahlstrom, Arvid, assignor.)
Johnson, James E. (See Eisenberg, Irwin W., assignor.)
Johnson, James E. (See Goodman, Emil, assignor.)
Johnson, James P., Shaker Heights, assignor, by mesne assignments, to Pump Engineering Service Corporation, Cleveland, Ohio. Fuel pump. 2,189,210; Feb. 6.
Johnson, James P., Shaker Heights, assignor, by mesne assignments, to Pump Engineering Service Corporation, Cleveland, Ohio. Variable displacement fuel pump. 2,192,660; Mar. 5.
Johnson, James P., Shaker Heights, assignor, by mesne assignments, to Pump Engineering Service Corporation, Cleveland, Ohio. Fuel pump. 2,196,500; Apr. 9.
Johnson, James P., Shaker Heights, assignor, by mesne assignments, to Pump Engineering Service Corporation, Cleveland, Ohio. Pump. 2,202,911; June 4.
Johnson, James P., Shaker Heights, assignor, by mesne assignments, to Pump Engineering Service Corporation, Cleveland, Ohio. Gear pump and relief valve. 2,202,912; June 4.
Johnson, James P., Shaker Heights, assignor, by mesne assignments, to Pump Engineering Service Corporation, Cleveland, Ohio. Gear pump. 2,202,913; June 4.
Johnson, James P., Shaker Heights, assignor by mesne assignments to Pump Engineering Service Corporation, Cleveland, Ohio. Valve. 2,210,295; Aug. 6.
Johnson, James P., Shaker Heights, assignor, by mesne assignments, to Pump Engineering Service Corporation, Cleveland, Ohio. Relief valve. 2,217,056; Oct. 8.
Johnson, James P., Shaker Heights, assignor, by mesne assignments, to Pump Engineering Service Corporation, Cleveland, Ohio. Check valve. 2,223,994; Dec. 3.
Johnson, James R., assignor to The Palmer Brothers Company, New London, Conn. Mattress and manufacturing the same. 2,224,300; Dec. 10.
Johnson, James R., assignor to The Palmer Brothers Company, New London, Conn. Mattress. 2,224,301; Dec. 10.
Johnson, James S., Pasadena, Calif. Irrigation system. 2,188,243; Jan. 23.
Johnson, James W. (See Marks, E. M., and Johnson.)
Johnson, James W., assignor to The Atlantic Refining Company, Philadelphia, Pa. Lubricant. 2,187,742; Jan. 23.
Johnson, James W., assignor to The Atlantic Refining Company, Philadelphia, Pa. Lubricant. 2,220,843; Nov. 5.
Johnson, Jay M. (See Finch, P. R., and Johnson.)
Johnson, Jerman Lewis. (See Johnson, George T., Jr., assignor.)
Johnson, Jesse Lee, Pettus, Tex. Flue bead cutting machine. 2,227,348; Dec. 31.
Johnson, Johan S. (See Bigelow, L. A., and Johnson.)
Johnson, John, Los Angeles, Calif. Airplane. 2,216,080; Sept. 24.
Johnson, John A., Los Angeles, Calif. Hull construction of a boat. 2,185,555; Jan. 2.
Johnson, John A., Woodhaven, N. Y. Apparatus for forming metal bodies. 2,196,262; Apr. 9.
Johnson, John A., Woodhaven, N. Y. Apparatus for assembling sealing pads in receptacle closure caps. 2,200,844; May 14.
Johnson, John A., Woodhaven, N. Y. Adhesive applying means. 2,208,636; July 23.
Johnson, John A., Eureka, Ill. Autoplane. 2,215,003; Sept. 17.
Johnson, John H., Toronto, Ontario, Canada, assignor to The K & W Rubber Corporation, Delaware, Ohio. Making striped rubber rope. 2,191,829; Feb. 27.
Johnson, John O., Detroit, Mich. Beverage service tank. 2,210,083; Aug. 6.
Johnson, John R., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 2,227,410; Dec. 31.
Johnson, John S., Scranton, Pa. Corrosion resistant valve. 2,202,735; May 28.
Johnson, John W., Peoria, Ill. Motor vehicle door handle. 2,219,626; Oct. 29.
Johnson, Joseph B. (See Arms, M. H., Johnson, and Turner.)
Johnson, Joseph B., and M. H. Arms, assignors to Bryant Chucking Grinder Company, Springfield, Vt. Multiple spindle machine. 2,224,265; Dec. 10.
Johnson, Joseph W., and J. J. Brophy, Salem, and A. E. Ushakoff, Beverly, Mass., assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Treating leather. 2,208,696; July 23.
Johnson, Joseph W., and J. J. Brophy, Salem, and A. E. Ushakoff, Beverly, Mass., assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Treatment of leather. 2,208,809; July 23.
Johnson, Julius W., Austin, Tex. Guide for flexible well lines. 2,218,955; Oct. 22.
Johnson, Karl L., Los Angeles, Calif. Bracket for coffee brewing vessels. 2,187,974; Jan. 23.

Johnson, Kenneth, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Cyclic process for the production of nitroparaffins. 2,213,444; Sept. 3.
Johnson, Kenneth L., Sewickley, Pa. Fastener. 2,218,753; Oct. 22.
Johnson Laboratories, Inc. (See Edwards, Frederick W., assignor.)
Johnson Laboratories, Incorporated. (See Hebard, Hugh C., assignor.)
Johnson Laboratories, Inc. (See Jacob, Frederick N., assignor.)
Johnson Laboratories, Inc. (See Kirk, Martin J., assignor.)
Johnson Laboratories, Inc. (See Kirk, M. J., Jacob and McGinley, assignors.)
Johnson Laboratories, Inc. (See Kirk, M. J., James, and Schaper, assignors.)
Johnson Laboratories, Inc. (See Polydoroff, Wladimir J., assignor.)
Johnson Laboratories, Inc. (See Polydoroff, W. J., and Kirk, assignors.)
Johnson Laboratories, Inc. (See Schaper, William A., assignor.)
Johnson Laboratories, Inc. (See Sinninger, Dwight V., assignor.)
Johnson Laboratories, Inc. (See Whipple, Allen D., assignor.)
Johnson, Lawrence C., and C. M. Jorgensen, assignors to Underwood Electric & Mfg. Co., Inc., Chicago, Ill. Trimmer condenser. 2,205,203; June 18.
Johnson, Lawrence R., assignor to The Chandler & Price Company, Cleveland, Ohio. Platen printing press. 2,185,440; Jan. 2.
Johnson, Le Baron B., Bronxville, N. Y. Feeding means and method. 2,191,019; Feb. 20.
Johnson, Leonard V., McKeesport, Pa., assignor to National Tube Company. Furnace door arch. 2,197,696; Apr. 16.
Johnson, Lila T., executrix. (See Henning, G. E., Johnson, and Thronsen.)
Johnson, Lila T., executrix. (See Johnson, Fred V.)
Johnson, Lila T., executrix. (See Johnson, F. V., and Mosher.)
Johnson, Linus, New York, N. Y. Extendible footrest for easy chairs. 2,185,813; Jan. 2.
Johnson, Lloyd A., Hillsborough, assignor to National Oil Seal Co., Oakland, Calif. Fluid seal. 2,202,206; May 28.
Johnson, Lloyd A., Hillsborough, and A. D. Owen, Berkeley, assignors to National Oil Seal Co., Oakland, Calif. Fluid seal. 2,200,925; May 14.
Johnson, Lorenzo R., Cleveland, Okla. Convertible vehicle. 2,209,058; July 23.
Johnson, Lorenzo R., Cleveland, Okla. Convertible vehicle. 2,212,741; Aug. 27.
Johnson, Louis J. and H. L., assignors to Johnson Brothers Engineering Corporation, Waukegan, Ill. Outboard motor. 2,209,301; July 23.
Johnson, Louis J., Miami, Fla., and H. L. Johnson, Aubbeenaubbee Township, Fulton County, Ind., assignors to Johnson Brothers Engineering Corporation, Waukegan, Ill. Inboard motor plant. 2,209,302; July 23.
Johnson, Lula, conservatrix. (See Johnson, Harry E.)
Johnson, Lurene A., and W. A. Doble, Jr., San Francisco, Calif. Index tab. 2,210,411; Aug. 6.
Johnson, Manfred J., assignor to The Lewis Engineering Company, Naugatuck, Conn. Electric switch. 2,202,207; May 28.
Johnson Mfg. Co. (See Herault, Pierre C.)
Johnson, Maria, Saugerties, N. Y. Foldable lap table. 2,189,247; Feb. 6.
Johnson, Matthey & Company. (See Powell, Alan R., assignor.)
Johnson, Melvin M., et al., trustees. (See Johnson, Melvin M., Jr., assignor.)
Johnson, Melvin M., Jr., assignor to M. M. Johnson, Brookline, E. E. Rice, Boston, Mass., and himself, as trustees of Johnson Patent Trust. Automatic firearm. 2,215,470; Sept. 24.
Johnson, Melvin W., Nutley, N. J., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Printing ink. 2,213,006; Aug. 27.
Johnson, Milburn D. (See Johnson, Telemachus H. and M. D.)
Johnson, Minor W., and W. T. Hayes, Nashville, Tenn. Fuse mounting. 2,193,691; Mar. 12.
Johnson, Myron A. C., Newark, N. J. Game. 2,185,556; Jan. 2.
Johnson, Ogden, Bronxville, assignor to American Sealcone Corporation, New York, N. Y. Container and means for and method of making containers. 2,186,073; Jan. 9.
Johnson, Oliver W., Bethlehem, Pa., assignor to Bethlehem Steel Company. Railway track structure. 2,224,731; Dec. 10.
Johnson, Oscar C. (See Pierotti, J., and Johnson.)
Johnson, Oscar F. (See Johnson, Roy A., and O. F.)
Johnson, Otto, et al. (See Hall, Eric E., assignor.)
Johnson Patent Trust. (See Johnson, Melvin M., Jr.)
Johnson Products Inc. (See Johnson, C. E., and Bergmann, assignors.)
Johnson Products, Inc. (See Osborn, Ralph W., assignor.)
Johnson, Raymond B., Houston, assignor of three-fourths to J. Kraker, Gladewater, Tex. Wrench. 2,205,294; June 18.
Johnson, Ragnar O., Pasadena, Calif. Flowerpot liner and fertilizer container. 2,222,815; Nov. 26.
Johnson, Reginald L., Riverdale, R. F. Knapp, Brooklyn, P. Cooper, New York, and E. J. Lyon, Larchmont, assignors to Johns-Manville Corporation, New York, N. Y. Demonstration device. 2,205,692; June 25.
Johnson, Richard A., Moncure, N. C. Manure spreader. 2,202,858; June 4.
Johnson, Richard V., Clifton Forge, Va. Wedge bolt. 2,200,174; May 7.
Johnson, Robert H., Morgantown, W. Va. Striping or banding machine. 2,203,572; June 4.
Johnson, Robert I. (See Clayton, W., Back, Morse, and Johnson.)
Johnson, Robert I. (See Clayton, W., Johnson, and Sumner.)
Johnson, Robert I. (See Sumner, C. G., Johnson, and Clayton.)
Johnson, Robert M. (See Smith, C. C., and Johnson.)
Johnson, Robert O. (See Johnson, Theodore and R. O., and Seyfried.)
Johnson, Rolly. (See Behee, Joseph H., assignor.)
Johnson, Roy A., and O. F. Johnson, Chicago, Ill. Gauge. 2,203,019; June 4.
Johnson, Roy W., Wyoming, Ohio. Vehicle lamp. 2,191,278; Feb. 20.
Johnson, Roy W., Milwaukee, Wis. Thermoresponsive metering valve. 2,203,153; June 4.
Johnson, Roy W., Milwaukee, Wis. Control device for oil burners. 2,219,104; Oct. 22.
Johnson, Roy W., Milwaukee, Wis., assignor to Allyne Laboratories, Inc., Cleveland, Ohio. Refrigerator control. 2,224,053; Dec. 3.
Johnson, Roy W., Rockford, Ill. Toilet paper roll cabinet. 2,211,210; Aug. 13.
Johnson, Roy W., Milwaukee, Wis., and H. M. Reeves, Kankakee, Ill., assignors to Automatic Products Company, Milwaukee, Wis. Interchangeable control valve. 2,207,123; July 9.
Johnson, Royal C., et al. (See Franklin, Robert M., assignor.)
Johnson, Rudolph O., Bedford, Pa. Power take-off attachment. 2,202,345; May 28.
Johnson, Rufus F., Lowellville, and G. Holtzman, Poland, Ohio. Pie pan. 2,224,601; Dec. 10.
Johnson, Russell S., Royal Oak, assignor to Bendix Aviation Corporation, South Bend, Ind. Starter control for internal combustion engines. 2,197,726; Apr. 16.
Johnson, Russell W., Worcester, Mass. Taper pin. 2,223,871; Dec. 3.
Johnson, Russell W., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener member. 2,187,321; Jan. 16.
Johnson, Saul A., assignor of one-third to E. D. Davis, Ocala, Fla. Comb cleaner. 2,225,223; Dec. 17.
Johnson Service Company. (See Dodge, Parker, assignor.)
Johnson Service Company. (See Otto, Carl A., assignor.)
Johnson, Shirley. (See Chastain, C. M., and Johnson.)
Johnson, Silvie L., Catonsville, Md. Suction cup. 2,221,238; Nov. 12.
Johnson, Spencer, Needham, Mass. Flush tank. 2,219,367; Oct. 29.
Johnson, Stanley, assignor to Borg-Warner Corporation, Chicago, Ill. Quill tensioning means. 2,192,405; Mar. 5.
Johnson, Stanley G., assignor to Niles-Bement-Pond Company, Hartford, Conn. Thread gauge. 2,200,885; May 14.
Johnson, Stanley G., assignor to Niles-Bement-Pond Company, Hartford, Conn. Gauge for tapered screw threads. 2,218,111; Oct. 15.
Johnson Steel & Wire Company. (See Johnson, Charles D., assignor.)
Johnson, Stephens and Shinkle Shoe Company. (See Beaty, Don M., assignor.)
Johnson, Telemachus H. and M. D., Sioux City, Iowa. Laying concrete pavements. 2,197,431; Apr. 16.
Johnson, Theodore, Chicago, Ill. Mop holder. 2,201,732; May 21.
Johnson, Theodore and R. O., Erie, Pa., and A. W. Seyfried, Racine, Wis. Power driving means. 2,221,639; Nov. 12.
Johnson, Theodore A., Worcester, Mass. Photographic finger printing apparatus. 2,195,699; Apr. 2.
Johnson, Theodore L., University City, Mo. Roadway marking. 2,187,879; Jan. 23.
Johnson, Theodore W., assignor to Deere & Company, Moline, Ill. Cultivator. Re. 21,317; Jan. 9.
Johnson, Thomas A., Hearst, Ontario, and C. G. R. McHardy, and J. Thompson, Toronto, Ontario, Canada. Land clearing and stripping shovel. 2,195,007; Mar. 26.
Johnson, Tomlinson F. (See Herault, Pierre C., assignor.)
Johnson, Tomlinson F., Atlanta, Ga. Electric switch. 2,194,021; Mar. 19.
Johnson, Tomlinson F., Atlanta, Ga. Tap clamp. 2,196,359; Apr. 9.
Johnson, Tomlinson F., Atlanta, Ga. Drop-out fuse. 2,216,843; Oct. 8.

Johnson, Treat B., Bethany, Conn., assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Production of nitro-mercapto-diphenylamines. 2,216,515; Oct. 1.
Johnson, Wallace H., Akron, Ohio. Paper hanging machine. 2,195,332; Mar. 26.
Johnson, Walter J., Evanston, assignor to Johnson Chair Co., Chicago, Ill. Protecting boot for chair legs. 2,217,754; Oct. 15.
Johnson, Walter P. (See Riccio, S., and Johnson.)
Johnson, Walter W., Berkeley, assignor to Walter W. Johnson Company, San Francisco, Calif. Dredge. 2,209,888; July 30.
Johnson, Walter W., Company. (See Johnson, Walter W., assignor.)
Johnson, Welton V., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Time-element relay. 2,210,669; Aug. 6.
Johnson, Willard. (See Carter, A. S., and Johnson.)
Johnson, William Chicago, Ill. Automatic time switch. 2,221,544; Nov. 12.
Johnson, William A., Birkdale, Southport, and H. C. Turner, Manchester, assignors to The General Electric Company Limited, London, England. Manufacture of selenium surfaces. 2,199,104; Apr. 30.
Johnson, William C., assignor to Machinery Development Company, Milwaukee, Wis. Setting-out board. 2,187,157; Jan. 16.
Johnson, William C., assignor to Machinery Development Company, Milwaukee, Wis. Leather wringing machine. 2,220,721; Nov. 5.
Johnson, William E., Streatham, London, assignor to Powers Accounting Machines Limited, London, England. Machine for verifying statistical records. 2,198,723; Apr. 30.
Johnson, William F. (See Andrews, A. E., and Johnson.)
Johnson, William H., Cranston, assignor to Weskenson Corporation, Providence, R. I. Reversing mechanism. 2,209,980; Aug. 6.
Johnson, William H., Cranston, assignor to Weskenson Corporation, Providence, R. I. Reversing mechanism. 2,218,314; Oct. 15.
Johnson, William V., Washington, D. C. Bookholder. 2,226,773; Dec. 31.
Johnson, Wynne, Washington, D. C. Apparatus for mounting flexible sheets. 2,193,928; Mar. 19.
Johnson's Company. (See Pharo, Lee C., assignor.)
Johnston, Charles F., Oakland, Calif. Piston ring. 2,203,154; June 4.
Johnston, Clarence L., Oakland, Calif. Combination sales record book and tabulating card receiver. 2,224,350; Dec. 10.
Johnston, Clarence S., Amarillo, Tex. Friction operated bumper jack. 2,196,263; Apr. 9.
Johnston, Clarence W. (See Wallace, Winfield D., assignor.)
Johnston, Donald F., Pelham, and J. B. Shiel, Glen Head, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone signaling system. 2,189,769; Feb. 13.
Johnston, Dwight A., assignor to McKay Machine Company, Youngstown, Ohio. Unloading mechanism. 2,202,555; May 28.
Johnston, Dwight D., Versailles, Pa. Apparatus for polishing sheets. 2,199,135; Apr. 30.
Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Tractor construction. 2,187,425; Jan. 16.
Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Track chain construction. 2,211,896; Aug. 20.
Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Track chain construction. 2,211,897; Aug. 20.
Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Tractor mounted harvester. 2,214,818; Sept. 17.
Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Cotton cleaner. 2,221,545; Nov. 12.
Johnston, Edward C., assignor to Robert A. Johnston Company, Milwaukee, Wis. Dairy product and stabilizer therefor. 2,211,209; Aug. 13.
Johnston, Frank H., assignor to Premier Engineering Company, Dayton, Ohio. Valve. 2,208,188; July 16.
Johnston, Fred, Stillwater, Minn. Automatic air distributing register. 2,196,308; Apr. 9.
Johnston, George B., Glendale, Ohio, assignor to The Philip Carey Manufacturing Company. Weather covering. 2,187,203; Jan. 16.
Johnston, George E., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Knob securing means. 2,186,678; Jan. 9.
Johnston, George H., Chicago, Ill. Casting ladle and heating means therefor. 2,223,617; Dec. 3.
Johnston, George W., Little Rock, Ark., assignor to Buckeye Iron & Brass Works, Dayton, Ohio. Press. 2,207,221; July 9.
Johnston, Harry, St. Louis, assignor of one-half to W. Rubinstein, Clayton, Mo., and one-half to W. Rubinstein, as trustee, and E. Greensfelder, co-trustee. Cutting machine. 2,207,887; July 16.
Johnston, Herbert A., Anaheim, Calif. Can opening and spout forming device. 2,222,177; Nov. 19.
Johnston, Herbert L., assignor to The Hobart Manufacturing Company, Troy, Ohio. Food handling apparatus. 2,213,191; Sept. 3.
Johnston, Hiram R., Hamilton, Ohio. Bicycle stop signal apparatus. 2,222,075; Nov. 19.
Johnston, James L., Houston, Tex. Oil pressure tester. 2,223,913; Dec. 3.
Johnston, James W., Manchester, N. H., assignor to North American Holding Corporation, Syracuse, N. Y. Grading machine. 2,187,204; Jan. 16.
Johnston, John H., Fall River, Mass. Multicolor flock printing machine. 2,206,570; July 2.
Johnston, Leith. (See Robinson, H. C., Johnston, Nelson, and Clare.)
Johnston, Mordica O. (See O'Neill, F. E. and Whealton, assignors.)
Johnston, Mordica O., Los Angeles, Calif. Preparing an oil well for production. 2,190,989; Feb. 20.
Johnston, Mordica O., Los Angeles, Calif. Well packer. 2,222,846; Nov. 26.
Johnston, Mordica O., and W. F. Bettis, Glendale, Calif.; said Bettis assignor to said Johnston. Regulating flow of fluid within a well. 2,186,488; Jan. 9.
Johnston, Mordica O., and D. B. Chapman, Los Angeles, Calif.; said Chapman assignor to said Johnston. Adjustable flow bean. 2,218,988; Oct. 22.
Johnston, Norman F., assignor of one-half to J. Marshall, Glasgow, Scotland. Ventilator, air diffuser, and the like. 2,189,502; Feb. 6.
Johnston, Norris, Alhambra, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Screen wrapped perforated liner pipe. 2,217,370; Oct. 8.
Johnston, Norris, Alhambra, and R. V. Quinn, Los Angeles, Calif., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for examining well casings. 2,194,229; Mar. 19.
Johnston, Robert A., Company. (See Johnston, Edward C., assignor.)
Johnston, Stafford H., Washington, D. C. Apparatus for pointing elongated material. 2,221,239; Nov. 12.
Johnston, Walter E., Youngstown, Ohio. Wall outlet and plug switch. 2,224,366; Dec. 10.
Johnston, William, Jr., Wilkinsburg, Pa. Cinder pot bracket. 2,186,382; Jan. 9.
Johnston, William, Jr., Wilkinsburg, Pa. Pot support. 2,198,252; Apr. 23.
Johnston, William B. (See Bradley, T. F., and Johnston.)
Johnston, William D., Waco, Tex., assignor to Wm. Cameron & Company, Inc. Closure operator and lock. 2,216,668; Oct. 1.
Johnston, William G., Philadelphia, Pa., assignor to Motor Parts Company. Oil burner. 2,200,278; May 14.
Johnston, William R., Bronx, assignor to Standard Brands Incorporated, New York, N. Y. Determining the character of coffee. 2,202,385; May 28.
Johnstone, Henry F., Urbana, assignor, by mesne assignments, to Commonwealth Edison Company, Chicago, Ill. Removing and recovering sulphur dioxide from waste gases. Re. 21,631; Nov. 26.
Johnstone, Henry F., Urbana, assignor, by mesne assignments, to Commonwealth Edison Company, Chicago, Ill. Removing and recovering sulphur dioxide. 2,225,744; Dec. 24.
Johnstone, Robert M., Short Hills, N. J., assignor to Cameron Machine Company, Brooklyn, N. Y. Controlling flowing web. 2,196,633; Apr. 9.
Johnstone, Robert M., Short Hills, N. J., assignor to Cameron Machine Company, Brooklyn, N. Y. Winding flexible material. 2,200,000; May 7.
Johnstone, Robert M., Short Hills, N. J., assignor to Cameron Machine Company, Brooklyn, N. Y. Controlling the power drive in a winding or other machine. 2,201,233; May 21.
Johnstone, Robert McC., Short Hills, N. J., assignor to Cameron Machine Company, Brooklyn, N. Y. Assembling core members on arbors. 2,205,563; June 25.
Johnstone, Robert McC., Short Hills, N. J., assignor to Cameron Machine Company, Brooklyn, N. Y. Slitting flexible material. 2,205,564; June 25.
Johnstone, Warren W., assignor to Universal Oil Products Company, Chicago, Ill. Treating hydrocarbon oil distillates for the removal of mercaptans. 2,185,768; Jan. 2.
Joiner, Harvey L., St. Paul, Minn. Shingle joiner or shingle-butt-end clip. 2,216,271; Oct. 1.
Jolas, Carl, Darmstadt, and W. Stein, Frankfort-on-the-Main, assignors to Carl Schenck Eisengiesserei u. Maschinenfabrik Darmstadt, G. m. b. H., Darmstadt, Germany. Indicating device. 2,208,263; July 16.
Jolidon, Laurence A., Tulsa, Okla. Material depositing bag. 2,207,013; July 9.
Jolivet, Maxime, West Englewood, Teaneck, N. J. Air moistener. 2,202,736; May 28.
Jolly, Lynne S., Pueblo, Colo., and N. G. Lindsey, St. Joseph, Mo. Faucet. 2,191,128; Feb. 20.
Jolly, Oscar W., West Springfield, assignor to Springfield Photo Mount Co., Holyoke, Mass. Notebook. 2,190,625; Feb. 13.
Jolly, Paul E., Cave City, Ky. Mechanical display device. 2,206,095; July 2.
Jolly, Samuel E., Prospect Park, assignor to Sun Oil Company, Philadelphia, Pa. Grease and making the same. 2,188,864; Jan. 30.

Jolly, Samuel E., Prospect Park, and W. M. McKee, Bortondale, assignors to Sun Oil Company, Philadelphia, Pa. Grease and making the same. 2,188,863; Jan. 30.

Jolly, Samuel E., and J. H. Perrine, Prospect Park, assignors to Sun Oil Company, Philadelphia, Pa. Extreme pressure lubricant. 2,190,715; Feb. 20.

Jominy, Walter E., assignor to General Motors Corporation, Detroit, Mich. Ferrous alloy. 2,198,775; Apr. 30.

Jominy, Walter E., assignor to General Motors Corporation, Detroit, Mich. Alloy steel. 2,219,780; Oct. 29.

Jominy, Walter E., assignor to General Motors Corporation, Detroit, Mich. Ferrous alloy. 2,225,997; Dec. 24.

Jona, Davide, et al. (See Sterental, Volf, assignor.)

Jona, Giulio, et al. (See Sterental, Volf, assignor.)

Jona, Raffaele, et al. (See Sterental, Volf, assignor.)

Jónap, Laszlo, assignor to Neolux, Inc., New York, N. Y. Electric advertising device. 2,211,571; Aug. 13.

Jonas, Frank D., East Williston, assignor to Oxford Filing Supply Co., Brooklyn, N. Y. Collapsible container. 2,193,632; Mar. 12.

Jonas, Willi, Berlin-Neukolln, assignor of one-half to K. Gutmann, Berlin, Germany. Collapsible advertisement stand with letter balance. 2,186,913; Jan. 9.

Jondreau, Romeo J., Surprise, N. Y. Educational device. 2,199,497; May 7.

Jones, Aldred J., deceased, by E. W. Jones, administratrix, Chicago, Ill. Journal lubrication pad. 2,218,315; Oct. 15.

Jones, Anita J., Beverly Hills, Calif. Identification button. 2,204,313; June 11.

Jones, Arthur E., assignor to Posture Research Corporation, Elkhart, Ind. Chair. 2,219,814; Oct. 29.

Jones, Arthur F., assignor to The General Electric Company Limited, Coventry, England. Telephone circuit. 2,190,155; Feb. 13.

Jones, Arthur J., Indianapolis, Ind. Game. 2,199,461; May 7.

Jones, Arthur L., Sioux Falls, S. Dak. Hydraulic ram installation. 2,223,826; Dec. 3.

Jones, Arthur W., Newport, assignor to Saunders Valve Company Limited, Grange Road, Cwmbran, England. Valve. 2,209,024; July 23.

Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Remote control system. 2,201,863; May 21.

Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Electromagnetic shuttle stopping device. 2,205,900; June 25.

Jones, Benjamin W., and A. H. Lauder, Schenectady, N. Y., assignors to General Electric Company. Motor control system. 2,210,412; Aug. 6.

Jones, Burr W., Elmira, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Engine starter drive. 2,218,754; Oct. 22.

Jones, Burr W., Elmira, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,224,478; Dec. 10.

Jones, Byron Q., Fort Humphreys, D. C. Cap. 2,194,473; Mar. 26.

Jones, Carl G., assignor to The Youngstown Sheet & Tube Company, Youngstown, Ohio. Welding. 2,222,977; Nov. 26.

Jones, Carl G., and H. G. Titus, Youngstown, Ohio, assignors to Youngstown Sheet and Tube Company. Method and apparatus for removing burrs. 2,202,914; June 4.

Jones, Charles F., assignor of one-half to J. Price, Coatesville, Pa. Invalid lifting and transferring device. 2,218,883; Oct. 22.

Jones, Charles L., assignor to Hercules Powder Company, Wilmington, Del. Apparatus for the concentration of acids. 2,212,813; Aug. 27.

Jones, Charles L., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Preserving food products. 2,214,419; Sept. 10.

Jones, Charles M., Yakima, Wash. Optical instrument. 2,190,564; Feb. 13.

Jones, Charles R., Jr., administrator. (See Jones, Charles R.)

Jones, Charles R., Jr., administrator. (See Jones, C. R., Goodman, and Cowley.)

Jones, Charles R., Rossville, Ga. Dispensing receptacle. 2,185,896; Jan. 2.

Jones, Charles R., Rossville, Ga., deceased; C. R. Jones, Jr., administrator. Hoe. 2,201,436; May 21.

Jones, Charles R., Rossville, Ga., and J. H. Goodman and H. L. Cowley, Chattanooga, Tenn.; C. R. Jones, Jr., administrator of said C. R. Jones, deceased. Stool attachment for barbers' chairs. 2,212,777; Aug. 27.

Jones, Chester A., and W. J. Montgomery, assignors to The Champion Paper and Fibre Company, Hamilton, Ohio. Paper-coating pigment and pigment composition. 2,210,835; Aug. 6.

Jones, Chester E., Port Arthur, Tex. Brush. 2,207,320; July 9.

Jones, Clarence M., assignor to The Robinson Packer Company, Tulsa, Okla. Well packer. 2,222,315; Nov. 19.

Jones, Collet, Lafayette, Ind. Heat treating process for white cast iron. 2,219,320; Oct. 29.

Jones, Colonel Wyatt, assignor of one-half to N. McDuffy, Denver, Colo. Ice pick. 2,223,422; Dec. 3.

Jones, Cyril E. P., Cambridge, England. Volume range controlling arrangement employing thermionic amplifiers. 2,193,966; Mar. 19.

Jones, Daniel H., Collingswood, N. J., assignor to J. H. Boss, Melrose, Mass., as trustee. Mothproofing materials. 2,214,962; Sept. 17.

Jones, David M. (See Marker, R. E., Jones, and Oakwood.)

Jones, David W., Columbus, Ohio. Rack for magazines and other articles. 2,226,975; Dec. 31.

Jones, Don F., and J. W. Miller, assignors to Motor Wheel Corporation, Lansing, Mich. Heater. 2,215,510; Sept. 24.

Jones, Edith W., administratrix. (See Jones, Aldred J.)

Jones, Edward V. (See Link, William H., assignor.)

Jones, Edwin A., and M. L. Lavorgna, Milwaukee, J. C. Westmont and S. C. Olson, Madison, assignors to L. J. Mueller Furnace Company, Milwaukee, Wis. Combustion of liquid fuel. 2,221,519; Nov. 12.

Jones, Edwin P., Garden City, assignor to Champagne Paper Corporation, New York, N. Y. Chlorinating barrel. 2,210,457; Aug. 6.

Jones, Everett P. (See Nicholson, W. B., and Jones.)

Jones, Foster G., Swissvale, Pa. Liquid dispenser for cans. 2,196,770; Apr. 9.

Jones, Frances M., Burlington, Iowa. Hair clip and curler. 2,200,624; May 14.

Jones, Frank A., assignor of one-half to R. G. Hodgson, Greer, S. C. Grinding machine. 2,200,025; May 7.

Jones, Frank C., Petts Wood, and T. Guilfoyle, Ilford, England, assignors to Phosphate Acidulating Corporation, New York, N. Y. Feeder for powdered materials. 2,193,235; Mar. 12.

Jones, Frank D. (See Hill, G. B., and Jones.)

Jones, Frank D., and G. B. Hill, assignors to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Sweep rake. 2,218,579; Oct. 22.

Jones, Frank H., Houston, Tex. Bumper. 2,208,076; July 16.

Jones, Franklin D., Llanerch, assignor to American Chemical Paint Company, Ambler, Pa. Preparing methyl halide derivatives of aromatic hydrocarbons. 2,212,099; Aug. 20.

Jones, Fred W. (See Oelschig, Carl H., assignor.)

Jones, George H., Lorain, Ohio, assignor to National Tube Company. Cooling means for rotating mandrel bars. 2,212,688; Aug. 27.

Jones, George H., and P. D. Nielsen, Lorain, Ohio, assignors to National Tube Company. Combined ingot car and stool. 2,212,689; Aug. 27.

Jones, George L., assignor of one-half to W. H. Caver, Rienzi, Miss. Plow stock. 2,186,416; Jan. 9.

Jones, George L., Garden City, and W. M. Perry and L. J. De Lanty, assignors to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector mechanism. 2,189,112; Feb. 6.

Jones, George L., Garden City, assignor to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw inspection mechanism. 2,199,106; Apr. 30.

Jones, George W., et al. (See Beers, George H., Sr., assignor.)

Jones, Harold R. (See Draper, H. S., and Jones.)

Jones, Harry C., New York, N. Y. Typing machine. 2,201,776; May 21.

Jones, Harry L. (See Sessions, H. L., and Jones.)

Jones, Harry O., Whitkirk, near Leeds, England. Stone crushing or breaking machine. 2,211,504; Aug. 13.

Jones, Harry S., Chicago, Ill. Manifold set. 2,226,722; Dec. 31.

Jones, Henry W., Jr., Hamden, Conn., assignor to The American Steel and Wire Company of New Jersey. Cordage structure and making same. 2,195,592; Apr. 2.

Jones, Hilton I., Wilmette, assignor to National Selected Morticians, Chicago, Ill. Embalming composition. 2,208,764; July 23.

Jones, Hilton I., Wilmette, assignor to National Selected Morticians, Inc., Chicago, Ill. Embalming fluid. 2,215,154; Sept. 17.

Jones, Hilton I., Wilmette, assignor to National Selected Morticians, Chicago, Ill. Embalming fluid. 2,219,927; Oct. 29.

Jones, Homer. (See Money, R. H., and Jones.)

Jones, Homer W. (See Bucknam, J. H., and Jones.)

Jones, Homer W., Westfield, N. J., assignor to The Linde Air Products Company. Nozzle. 2,192,661; Mar. 5.

Jones, Homer W., Westfield, N. J., assignor to Oxweld Acetylene Company. Gas regulating apparatus. 2,192,662; Mar. 5.

Jones, Homer W., Westfield, N. J., assignor to The Linde Air Products Company. Blowpipe for producing jets. 2,193,100; Mar. 12.

Jones, Homer W., Westfield, N. J., assignor to The Linde Air Products Company. Heat treating metal bodies. 2,196,902; Apr. 9.

Jones, Homer W., Westfield, and W. J. Jacobsson, Scotch Plains, N. J., assignors to Oxweld Acetylene Company. Multistage regulator. 2,195,728; Apr. 2.

Jones, Homer W., and H. W. Cowin, Westfield, N. J., assignors to Oxweld Acetylene Company. Blowpipe. 2,197,979; Apr. 23.

Jones, Homer W., Westfield, and J. H. Bucknam, Cranford, N. J., and E. A. Doyle, Brooklyn, N. Y., assignors to The Linde Air Products Company. Process of and apparatus for conditioning metal bodies. 2,210,921; Aug. 13.

Jones, Homer W., Westfield, J. H. Bucknam, Cranford, and W. J. Jacobsson, Scotch, N. J., assignors to The Linde Air Products Company. Blowpipe. 2,220,245; Nov. 5.
Jones, Homer W., Elizabeth, N. J., and E. A. Doyle, Brooklyn, N. Y., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Apparatus for removing surface metal from metallic bodies. 2,223,451; Dec. 3.
Jones, Homer W., Westfield, and J. H. Bucknam, Cranford, N. J., assignors to The Linde Air Products Company. Blowpipe apparatus for surface conditioning. 2,223,452; Dec. 3.
Jones, Horace A., Parsons, Kans. Welding frame. 2,186,641; Jan. 9.
Jones, Horry M., Chicago, Ill. Measuring device. 2,221,482; Nov. 12.
Jones, Howard A., New York, N. Y. Automobile map device. 2,221,451; Nov. 12.
Jones, Ira M. (See Gottlieb, O. F., Jones, and Kohls.)
Jones, Irvin H., Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Company. Purification of crude light oil. 2,193,763; Mar. 12.
Jones, Jack E., High Point, assignor of twenty per cent to C. H. Doggett, Greensboro, twenty per cent to J. R. Curry, twenty per cent to A. Betts, and twenty per cent to J. K. Brown, High Point, N. C. Self-feeding brush. 2,190,599; Feb. 13.
Jones, James A., Fayetteville, Ark. Mop cleaner. 2,188,717; Jan. 30.
Jones, James B., Evanston, Ill. Oil-grease recording device. 2,200,362; May 14.
Jones, James J., Tulsa, Okla. Door check. 2,209,733; July 30.
Jones, James R., assignor to Art Metal Construction Company, Jamestown, N. Y. Sheet metal receptacle. 2,186,529; Jan. 9.
Jones, James R., assignor to Art Metal Construction Company, Jamestown, N. Y. Covered top for desks and the like. 2,186,530; Jan. 9.
Jones, James R., assignor to Blue Ridge Glass Corporation, Kingsport, Tenn. Using grinding glass sands. 2,191,962; Feb. 27.
Jones, James R., Lakewood, and C. L. Elofson, assignors to Art Metal Construction Company, Jamestown, N. Y. Filing device. 2,207,014; July 9.
Jones, James R., Lakewood, and C. L. Elofson, Jamestown, assignors to Art Metal Construction Company, Jamestown, N. Y. Desk. 2,210,721; Aug. 6.
Jones, James R., Lakewood, and V. A. Gronberg and L. M. Hultberg, assignors to Art Metal Construction Company, Jamestown, N. Y. Typewriter or the like desk or cabinet. 2,224,020; Dec. 3.
Jones, John B., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Extrusion apparatus. 2,221,299; Nov. 12.
Jones, John E., Camden, N. J. Tank and floating roof. 2,193,484; Mar. 12.
Jones, John E., West Frankfort, Ill. Automobile accelerator control. 2,207,435; July 9.
Jones, John E., J. Y. Davies, and J. F. Neilson, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of cellulose derivatives and other colloidal substances. 2,208,637; July 23.
Jones, John G., and A. C. Robertson, assignors to Eastman Kodak Company, Rochester, N. Y. Leader bar for threading roller machines with strip material. 2,211,332; Aug. 13.
Jones, John L. (See Stockbarger, D. C., and Jones.)
Jones, John L., North Billerica, assignor to Stockton Profile Gauge Corporation, Lowell, Mass. Apparatus for detecting web alignment. 2,220,737; Nov. 5.
Jones, John P., et al. (See Morris, Sam J., assignor.)
Jones, Joseph W., Corning, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Compressor outfit. 2,205,594; June 25.
Jones, Junius H., Atlanta, Ga. Wedge adjusting mechanism for locomotive drive boxes. 2,212,778; Aug. 27.
Jones, Katharine L., Kansas City, Mo. Nonslip attachment for shoes. 2,216,947; Oct. 8.
Jones, Kenneth B., assignor to Barrett & Hilp, San Francisco, Calif. Carton. 2,202,153; May 28.
Jones, Kenneth E., assignor to Reed Roller Bit Company, Houston, Tex. Reamer. 2,189,036; Feb. 6.
Jones, Kenneth E., assignor to Reed Roller Bit Company, Houston, Tex. Reamer. 2,189,038; Feb. 6.
Jones, Kenneth E., assignor to Reed Roller Bit Company, Houston, Tex. Reamer. 2,189,040; Feb. 6.
Jones & Lamson Machine Company. (See Beardsley, R. O., and Finn, assignors.)
Jones & Lamson Machine Company. (See Cheever, Frank E., assignor.)
Jones & Lamson Machine Company. (See Flanders, Ralph E., assignor.)
Jones & Lamson Machine Company. (See Flanders, R. E., and Davis, assignors.)
Jones & Laughlin Steel Corporation. (See Hartsuff, Howard K., assignor.)
Jones & Laughlin Steel Corporation. (See Keener, Howard N., assignor.)
Jones & Laughlin Steel Corporation. (See Markey, John E., assignor.)
Jones & Laughlin Steel Corporation. (See Work, Harold K., assignor.)
Jones, Leo D., assignor to The Sharplee Corporation, Philadelphia, Pa. Dewaxing mineral oils. 2,223,939; Dec. 3.
Jones, Lester C., assignor of one-half to E. L. Shebiel, Janesville, Wis. Sleeve puller. 2,207,888; July 16.
Jones, Lester L., Oradell, N. J. Electric steam iron. Re. 21,632; Nov. 26.
Jones, Lloyd B., Altoona, and R. T. Strattan, assignors to The Pennsylvania Railroad Company, Philadelphia, Pa. Locomotive boiler superheater. 2,186,904; Jan. 9.
Jones, Lloyd B., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Car dumping machine. 2,215,735; Sept. 24.
Jones, Lloyd B., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Bulk material handling. 2,215,736; Sept. 24.
Jones, Lloyd E., Dunedin, Fla., assignor to Food Machinery Corporation, San Jose, Calif. Sizer. 2,210,979; Aug. 13.
Jones, Lloyd M., Fort Lauderdale, Fla. Window ventilator. 2,216,413; Oct. 1.
Jones, Lloyd M., Fort Lauderdale, Fla. Pivoted louver panel and lock. 2,220,405; Nov. 5.
Jones, Lloyd M., Fort Lauderdale, Fla. Awning shutter. 2,225,011; Dec. 17.
Jones, Lloyd T., Berkeley, Calif., assignor to The Linde Air Products Company. Automatic electric welding. 2,223,177; Nov. 26.
Jones, Louis D., administrator. (See Blish, Russell A.)
Jones, Lucian N. (See Smith, H. L., Jr., and Jones.)
Jones, Mack C. (See Chittick, K. A., and Jones.)
Jones, Mack C., Haddon Heights, N. J., assignor to Radio Corporation of America. Silencing and indicating device. 2,210,413; Aug. 6.
Jones, Maldwyn. (See Baird, W., Goldstein, Jones, and Meade.)
Jones, Marion L. (See Jones, Milo L. and M. L.)
Jones, Marion S., Baltimore, Md. Ice handling apparatus. 2,197,581; Apr. 16.
Jones, Marion S., Baltimore, Md. Ice handling apparatus. 2,224,479; Dec. 10.
Jones, Martha R., San Francisco, Calif. Sugar sirup. 2,199,522; May 7.
Jones, Mary, et al. (See Nash, William C., assignor.)
Jones, Milo L. and M. L., Fullerton, Calif. Breakaway apparatus. 2,198,537; Apr. 23.
Jones, Mina R., executrix. (See Jones, N. R., and Carson.)
Jones, Minor S., Knapp, Wis. Bag holder. 2,188,047; Jan. 23.
Jones, Nevell R., deceased, Haddonfield, N. J., by M. R. Jones, executrix, Redwood, N. Y., and B. R. Carson, assignors to Radio Corporation of America. Sheet material stacker. 2,220,157; Nov. 5.
Jones, Nosmo. (See Van Buren, W., and Jones.)
Jones, Paul C. (See Sloan, A. W., and Jones.)
Jones, Paul C., Niagara Falls, N. Y., assignor to The Oxweld Railroad Service Company. Rail joint. 2,193,726; Mar. 12.
Jones, Paul C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanization of rubber. 2,199,105; Apr. 30.
Jones, Paul C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Chlorination of ketones. 2,204,135; June 11.
Jones, Paul S., assignor to Jones & Vining, Inc., Brockton, Mass. Ventilated shoetree. 2,196,924; Apr. 9.
Jones, Percy (Twinlock) Limited. (See Bigg, H. T., and Sunderland, assignors.)
Jones, Philip H., Redondo Beach, and A. L. Blount, Palos Verdes Estates, assignors to Union Oil Company of California, Los Angeles, Calif. Drilling fluid. 2,195,798; Apr. 2.
Jones, Philip H., Redondo Beach, and A. L. Blount, Palos Verdes Estates, assignors to Union Oil Company of California, Los Angeles, Calif. Determination of the connate water content of oil producing formations. 2,207,348; July 9.
Jones' Pies, Inc. (See Romanoff, John, assignor.)
Jones, Ralph E., Grand Rapids, Mich. Hair clipping and shaving device. 2,203,020; June 4.
Jones, Ralph E., Grand Rapids, Mich. Mechanical shaving or hair clipping device. 2,203,021; June 4.
Jones, Ralph E., Grand Rapids, Mich. Athletic equipment. 2,214,464; Sept. 10.
Jones, Reginald A., Macomb County, Mich. Indicating caliper. 2,216,916; Oct. 8.
Jones, Richard C. (See Hokanson, O. A., and Jones.)
Jones, Robert E. (See Hall, A., and Jones.)
Jones, Robert M., assignor, by mesne assignments, to Saco-Lowell Shops, Biddeford, Maine. Drafting mechanism for rovings, slivers, and the like. 2,187,830; Jan. 23.
Jones, Robert P., and R. L. Ellis, Miami, Fla.; said Jones assignor to said Ellis. Carbureting water gas. 2,197,744; Apr. 16.
Jones, Robert R., Akron, assignor to Ohio Ferro-Alloys Corporation, Philo, Ohio. Production of alloys. 2,222,035; Nov. 19.
Jones, Russell L., and E. A. Teter, Bloomington, Ind. Inhalant device. 2,221,972; Nov. 19.
Jones, Sam P., Dallas, Tex. Gas mixer. 2,203,961; June 11.

Jones, Samuel H., West Allis, Wis. Collision and theft signaling device. 2,207,406; July 9.
Jones, Shelburne & Guffey, Inc. (See Guffey, Roy, assignor.)
Jones, Sherman B., Elbert County, Colo. Paint skimmer. 2,189,565; Feb. 6.
Jones, Spurgeon, assignor of one-half to J. E. Leake, Milan, Tenn. Fuse. 2,219,705; Oct. 29.
Jones, Thomas, Vancouver, British Columbia, Canada. Portable mixing machine. 2,219,706; Oct. 29.
Jones & Vining, Inc. (See Jones, Paul S., assignor.)
Jones, Walter, assignor to Carrier Corporation, Syracuse, N. Y. Refrigerating and heating system. 2,219,815; Oct. 29.
Jones, Walter F., East Hampton, assignor of one-half to E. S. Zawisza, Hebron, Conn. King bolt and bushing. 2,208,189; July 16.
Jones, Walter I., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Double fastener member. 2,187,322; Jan. 16.
Jones, Walter I., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener stud member. 2,194,855; Mar. 26.
Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Slip cover installation, fastener for the same, and attaching same. 2,191,430; Feb. 20.
Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Sheet metal nut and nut installation. 2,201,401; May 21.
Jones, Walter J., La Crosse, Wis. Wrist splint. 2,206,404; July 2.
Jones, Walter R., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Automatic toy-train control. 2,227,411; Dec. 31.
Jones, Wilbur L., assignor to Interchemical Corporation, New York, N. Y. Textile marking composition. 2,213,126; Aug. 27.
Jones, Wilbur L., assignor to Interchemical Corporation, New York, N. Y. Method of and apparatus for printing. 2,217,620; Oct. 8.
Jones, William, Ely, Minn. Relay switch for blasting. 2,193,692; Mar. 12.
Jones, William A., Ada, Okla. Gin breast adjuster. 2,197,932; Apr. 23.
Jones, William A., Port Richmond, N. Y. Compact adjustable boiler superheater. 2,212,542; Aug. 27.
Jones, William A., Port Richmond, N. Y. Complete compact adjustable boiler superheater. 2,222,349; Nov. 19.
Jones, William D., London, England. Manufacturing metal articles. 2,215,723; Sept. 24.
Jones, William D., and E. J. Groom, London, England. Manufacture of metal articles or masses. 2,213,523; Sept. 3.
Jones, William H. (See Brown, C. L., and Jones.)
Jones, William L., et al. (See Camp, Fred A., assignor.)
Jones, William V., Oklahoma City, Okla. Rod wrench. 2,219,421; Oct. 29.
Jonker, Johan L. H., Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Distortion indicator for radio receivers. 2,197,341; Apr. 16.
Jonker, Johan L. H., Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device and circuit. 2,201,695; May 21.
Jonker, Johan L. H., and A. J. W. M. van Overbeek, Eindhoven, Netherlands, assignors, by mesne assignments to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,203,221; June 4.
Jonker, Johan L. H., and G. C. A. M. Moubis, Eindhoven, Netherlands, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electric discharge tube. 2,225,479; Dec. 17.
Jönsson, Nils W., Obbola, Sweden. Vibration apparatus. 2,222,146; Nov. 19.
Joor, William E., Chicago, Ill. Storage tank. 2,201,652; May 21.
Joos, Karl W., Leutersberg (Freiburg-Land), Germany. Device for producing grooves in the walls of bores. 2,193,764; Mar. 12.
Joost, August, Berkeley, Calif. Pruning shears. 2,208,903; July 23.
Jordahl, Anders. (See Butler, Edgar M., assignor.)
Jordan, A. G., Manufacturing Company. (See Greco, A., and Jordan, assignors.)
Jordan, A. H. B. (See Babcock, Garrison, assignor.)
Jordan, Al, et al. (See Wekerle, Ernest A., assignor.)
Jordan, Anthony G. (See Humphrey, A. A., and Jordan.)
Jordan, Arthur D., Franklin, Mass. Golf tee. 2,202,556; May 28.
Jordan, Cedric R., Sr., assignor of twenty-seven and one-half per cent to W. D. Cross and twenty-seven and one-half per cent to R. B. Gasque, Marion, S. C. Automotive tool. 2,202,585; May 28.
Jordan, Christopher L. (See Holbrook, W. F., and Jordan.)
Jordan, Claude S. (See Greco, A., and Jordan.)
Jordan, Ernst, Hamburg, Germany. Snap fastener. 2,188,950; Feb. 6.
Jordan, Frank G., Bloomington, Ill. Kaleidoscopic reflecting instrument. 2,198,051; Apr. 23.
Jordan, George W., Arlington, Va. Dispensing device. 2,219,422; Oct. 29.
Jordan, Henry E., Los Angeles, Calif. Liquid detecting device. 2,190,027; Feb. 13.
Jordan, Hubert F., Nutley, N. J., assignor by mesne assignments, to United States Rubber Company, New York, N. Y. Compounding latex and product thereof. 2,188,736; Jan. 30.
Jordan, John, Portland, Oreg. Blind stitching device. 2,187,237; Jan. 16.
Jordan, John F. (See Kock, W. E., and Jordan.)
Jordan, John R., Jackson Heights, N. Y. Shock absorber for fluid pressure lines. 2,191,990; Feb. 27.
Jordan, Joseph T., Lugoff, S. C. Necktie pressing machine. 2,220,406; Nov. 5.
Jordan, Lavern J. (See Kline, H. B., and Jordan.)
Jordan, Lavern J., Fairview Village, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Apparatus for cutting thread or the like. 2,201,180; May 21.
Jordan, Lavern J., Fairview Village, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Reel for drying thread or the like. 2,207,739; July 16.
Jordan, Lavern J., Fairview, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Reel. 2,210,920; Aug. 13.
Jordan, Lavern J., Fairview Village, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Built-up bobbin. 2,225,591; Dec. 17.
Jordan, Lavern J., Fairview Village, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Manufacture of thread or the like. 2,225,637; Dec. 24.
Jordan, Lavern J., Fairview Village, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Apparatus for the manufacture of thread or the like. 2,225,638; Dec. 24.
Jordan, Lavern J., Fairview Village, per J. E. Andersson, Lakewood, and W. F. Knebusch, Rocky River, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Drip pan. 2,226,497; Dec. 24.
Jordan, O. F., Company. (See Shipley, Calvin W., assignor.)
Jordan, Otto, Mannheim, and E. Rossmann, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Drying oil. 2,220,906; Nov. 12.
Jordan, Paul. (See Göhre, K. R., and Jordan.)
Jordan, Paul R., Indianapolis, Ind. Anti-back-draft damper. 2,192,009; Feb. 27.
Jordan, Robert E. (See Ravenscroft, E. A., and Jordan.)
Jordan, Stroud, Brooklyn, N. Y. Making a viscosity lowering condensation product from higher fatty acids and esters thereof. 2,185,592; Jan. 2.
Jordan, Stroud, Brooklyn, N. Y. Water dispersible lecithin. 2,193,873; Mar. 19.
Jordan Surgical Appliances Co. (See Humphrey, A. A., and Jordan, assignors.)
Jordan, Winfield S. (See Klein, V. G., and Jordan.)
Jordhoy, Hans C., North Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Printing press. 2,195,149; Mar. 26.
Jordhoy, Hans C., North Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Folder for web printing presses. 2,206,607; July 2.
Jorgensen, Carther M. (See Johnson, L. C., and Jorgensen.)
Jorgensen, Clarence H., administrator. (See Jorgensen, Peter J. and C. H.)
Jorgensen, Clarence H., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Charge forming device. 2,225,261; Dec. 17.
Jorgensen, Clarence W., assignor to Superior Fastener Corporation, Chicago, Ill. Connector. 2,208,848; July 23.
Jorgensen, Clarence W., assignor to Superior Fastener Corporation, Chicago, Ill. Antirattler for window sashes. 2,217,653; Oct. 15.
Jorgensen, Enoch B., assignor, by mesne assignments, to Viber Company, Los Angeles, Calif. Apparatus for road building. 2,201,493; May 21.
Jorgensen, Enoch B., Los Angeles, Calif. Fabric fastener. 2,219,392; Oct. 29.
Jorgensen, Jacob C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Fastening-inserting machine. 2,196,212; Apr. 9.
Jorgensen, Jacob C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for shaping uppers over lasts. 2,196,309; Apr. 9.
Jorgensen, Julius, assignor to F. L. McLaughlin, Detroit, Mich. Ring forming machine. 2,206,700; July 2.
Jorgensen, Peter J. (See Jorgensen, Peter J. and C. H.)
Jorgensen, Peter J., deceased, Elmhurst, Ill.; C. H. Jorgensen, administrator, and C. H. Jorgensen, Anderson, Ind. Automatic carburetor choke. 2,196,213; Apr. 9.
Jorke, Karl E. P., assignor to Johann C. Müller, doing business under name and style "Universelle" Cigarettenmaschinenfabrik J. C. Mueller & Co., Dresden, Germany. Device for securing edging strips to boxes. 2,213,707; Sept. 3.
Josam Manufacturing Company. (See Day, Louis J., assignor.)
Jose, Robert B. (See Martin, Robert P., assignor.)
Joseph, Jay W., Downers Grove, and A. L. Van Nest, Oak Park, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Metal forming tool. 2,224,302; Dec. 10.

Joseph, Moses H., Woodmere, assignor to United Metal Hose Company, Inc., Long Island, N. Y. Hose coupling. 2,211,978; Aug. 20.
Josephson, Archie, assignor to Victory Switch Company, Hollywood, Calif. Delayed action switch. 2,188,685; Jan. 30.
Joss, Douglas N., Miami, assignor of one-half to W. A. Swallow, Coral Gables, Fla. Container for signal flares. 2,220,407; Nov. 5.
Josselyn, John, et al., administrators. (See de la Cierva, Juan.)
Jostes, Bernard J., St. Louis, Mo. Umbrella. 2,185,466; Jan. 2.
Jouffray, Alexander, San Antonio, Tex. Resilient holder or target. 2,193,727; Mar. 12.
Journal Box Servicing Corporation. (See Bissell, William T., assignor.)
Jovy, Richard K., Berlin, Karlshorst, Germany, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Polyphase choke coil. 2,212,543; Aug. 27.
Jowers, Eddie R., Swansea, S. C. Insect exterminator. 2,186,868; Jan. 9.
Joy, David B. (See Geib, E. R., Orne, and Joy.)
Joy Fastener Company. (See Fritts, Kenneth M., assignor.)
Joy Fastener Company. (See Miller F. P., and Skeel, assignors.)
Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company, Chicago, Ill. Mining machine. 2,190,924; Feb. 20.
Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Coal mining machine. 2,205,012; June 18.
Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Material moving apparatus. 2,205,013; June 18.
Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Motor bearing seal lubricating means. 2,210,836; Aug. 6.
Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,210,919; Aug. 13.
Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,224,872; Dec. 17.
Joy, Joseph F., Pittsburgh, Pa., assignor to Sullivan Machinery Company. Transmission mechanism. 2,190,925; Feb. 20.
Joy, Joseph F., Pittsburgh, Pa., assignor to Sullivan Machinery Company. Transmission mechanism. 2,190,926; Feb. 20.
Joy, Joseph F., Pittsburgh, Pa., assignor to Sullivan Machinery Company. Mining apparatus. 2,194,474; Mar. 26.
Joy, Joseph F., and C. P. Baldwin, Claremont, N. H., assignors to Sullivan Machinery Company. Mining machine. 2,211,781; Aug. 20.
Joy Manufacturing Company. (See Arantzen, Einar M., assignor.)
Joy Manufacturing Company. (See Russell, John D., assignor.)
Joy, Robert W., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Lading agitator for hoppers. 2,226,723; Dec. 31.
Joyce, Bryan P., East Orange, N. J., assignor to American Armament Corporation, New York, N. Y. Aircraft armament. 2,186,026; Jan. 9.
Joyce-Cridland Company, The. (See Webster, Warren E., assignor.)
Joyce, Luke W., River Rouge, Mich. Sign construction. 2,188,437; Jan. 30.
Joyce, Percy E., Yokohama, Japan, assignor to Shell Development Company, San Francisco, Calif. Cellulose coating solvent composition. 2,204,963; June 18.
Joyce, Richard E., Jr., Meriden, Conn. Automobile door latch. 2,190,518; Feb. 13.
Joyce, Robert M., Greenville, Miss. Slip-stream mixer. 2,190,565; Feb. 13.
Joyce, Robert M., Greenville, Miss. Hot air heater. 2,195,957; Apr. 2.
Joyce, Temple N., Arnold, assignor to Zap Development Corporation, Baltimore, Md. Airplane control surfaces. 2,194,796; Mar. 26.
Joyce, Temple N., Arnold, assignor to Zap Development Corporation, Baltimore, Md. Wing flap. 2,205,479; June 25.
Joyce, Temple N., Arnold, assignor to Zap Development Corporation, Baltimore, Md. Control surface for airplanes. 2,218,822; Oct. 22.
Joyce, William H., Jr., Pasadena, Calif. Shoe construction. 2,199,853; May 7.
Joyslen, Jack. (See Sunshine, L., and Joyslen.)
Jozsa, Stephen. (See Frey, C. N., and Jozsa.)
Jozwick, Albert S., Detroit, Mich. Collapsible safety razor. 2,197,410; Apr. 16.
Jubilee Manufacturing Co. (See Westling, Eric A., assignor.)
Judd, H. L. Company. (See Dover, Pierre F., assignor.)
Judd, H. L., Company. (See Hobson, Leata M., assignor.)
Judd, Morton F., Stratford, Conn., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Friction facing and making same. 2,218,535; Oct. 22.
Judd, Trenor P., Cairo, Ill. Motorcycle and the like. 2,187,238; Jan. 16.
Judell, Julius S., Shorewood, and M. W. Held, Whitefish Bay, assignors to Milwaukee Flush Valve Company, Wilwaukee, Wis. Spray head. 2,200,503; May 14.
Judelshon, Oscar I., Park Ridge, N. J. Variable speed drive. 2,191,531; Feb. 27.
Judge, Franklin, Greenfield, Mass. Tap chamfering machine. 2,209,228; July 23.
Judge, Joseph D., assignor to The Hamilton Foundry and Machine Company, Hamilton, Ohio. Apparatus for hardening camshafts and the like. 2,215,724; Sept. 24.
Judge, Louis L., Baltimore, Md. Automobile tire jack or dolly. 2,205,746; June 25.
Judge, William M., Lockport, and K. M. Butler, Medina, N. Y. Ceiling hanger. 2,186,607; Jan. 9.
Judovich, Bernard D., Philadelphia, Pa. Electric nerve injection model of the spine. 2,207,153; July 9.
Judson, Albert L. (See Taylor, D. G., and Judson.)
Judson, Albert L., Portland, Oreg., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Overload cutout switch. 2,200,845; May 14.
Judson, Albert L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Transformer relay. 2,221,973; Nov. 19.
Judson, Albert L., and C. G. Kronmiller, assignors to Minneapolis Honeywell Regulator Company, Minneapolis, Minn. Switching mechanism. 2,188,438; Jan. 30.
Judy, Roy C. (See MacGregor, Clide, assignor.)
Juelson, Agnes S., Chicago, Ill. Scrubbing device. 2,200,026; May 7.
Juergens, Fred C. (See Ricard, Elzear J., assignor.)
Juffa, Wilhelm, Ilmenau, Germany. Perforated joint valve for glass instruments. 2,186,457; Jan. 9.
Juffa, Wilhelm, Ilmenau, Germany. Reducing piece for glass instruments for laboratory technics. 2,202,055; May 28.
Juhász, István, Budapest, Hungary. Determining the shooting elements of moving targets. 2,202,453; May 28.
Juhl, Claus A., Chicago, Ill. Nail and separator removing spade. 2,221,192; Nov. 12.
Juillerat, Maurice A., Geneva, Switzerland, assignor to Recherches, Etudes, Applications Techniques "Reat" Societe Anonyme. Dead beat cylinder escapement. 2,196,866; Apr. 9.
Julian, Bert C. (See Julian, Clifford E. and B. C.)
Julian, Clifford E., Fort Lauderdale, Fla. Beach accessory. 2,190,566; Feb. 13.
Julian, Clifford E. and B. C., Fort Lauderdale, Fla. Beach accessory. 2,208,458; July 16.
Julian, Percy L., Maywood, E. W. Meyer, and N. C. Krause, Chicago, Ill., assignors to The Glidden Company, Cleveland, Ohio. Recovery of sterols. 2,218,971; Oct. 22.
Julien, Louis F., assignor to Chamberlin Metal Weather Strip Company, Inc., Detroit, Mich. Screen for detention windows. 2,201,370; May 21.
Julien, Maurice F. A., Paris, France. Power transmitting coupling. 2,187,706; Jan. 16.
Jullien, John E. (See Jullien, Leon, and J. E.)
Jullien, Leon, and J. E. Jullien, Orcutt, Calif. Card holder. 2,203,155; June 4.
Julsrud, Kenneth N., and C. H. Whipple, Denver, Colo. Athletic apparatus. 2,212,119; Aug. 20.
Julyan, Fred G. (See Schweickart, W. M., and Julyan.)
Jung, Albert H., assignor to United American Metals Corporation, Brooklyn, N. Y. Feeder apparatus. 2,189,113; Feb. 6.
Jung, Albert H., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Display stand. 2,190,567; Feb. 13.
Jung, Albert H., Flushing, assignor to United American Metals Corporation, Brooklyn, N. Y. Casting apparatus. 2,204,498; June 11.
Jung, Albert H., Flushing, assignor to United American Metals Corporation, Brooklyn, N. Y. Casting apparatus. 2,212,987; Aug. 27.
Jung, Albert H., Flushing, assignor to United American Metals Corporation, Brooklyn, N. Y. Melting pot. 2,224,081; Dec. 3.
Jung, Albert H., Flushing, assignor to United American Metals Corporation, Brooklyn, N. Y. Melting pot. 2,224,514; Dec. 10.
Jung, Albert H., Flushing, N. Y., and E. J. Hubelmeyer, Little Ferry, assignors to United American Metals Corporation, Brooklyn, N. Y. Metal feeding apparatus. 2,215,043; Sept. 17.
Jung, George H., Cincinnati, Ohio. Protector pad and supporter. 2,188,718; Jan. 30.
Jung, Heinrich. (See Schmidt, H., and Jung.)
Jung, Ingvar, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Gas turbine plant and regulating system therefore. 2,219,994; Oct. 29.
Jung, Reinhard. (See Martin, F., Jung, and Tramm.)
Jungbauer, Frank L., assignor to A. E. Fritz, St. Paul, Minn. Chair. 2,208,561; July 23.
Junge, Herman, Annapolis, Md. Lawn mower. 2,203,198; June 4.
Jungerman, Arthur J., Louisville, Ky. Rearwardly inclined seat chair. 2,192,577; Mar. 5.
Jungersen, Thoger G., Summit, N. J. Casting. 2,200,449; May 14.

Jungersen, Thoger G., Mimico, Ontario, Canada. Method for casting jewelry and the like. 2,201,131; May 14.
Junghans, Frederic B. (See Grueneklee, Karl, assignor.)
Junghans, Helmut, Schramberg-Sulgen, Germany. Mechanical time fuse casing. 2,188,048; Jan. 23.
Junghans, Helmut, Schramberg-Sulgen, Germany. Pallet lever for clockwork mechanisms. 2,190,156; Feb. 13.
Junghans, Helmut, Schramberg-Sulgen, Germany. Centrifugal operating means for fuses. 2,190,157; Feb. 13.
Junghans, Helmut. Schramberg-Sulgen, Germany. Clock case of stoneware or like brittle material. 2,190,158; Feb. 13.
Junghans, Helmut, Schramberg-Sulgen, Eckenhof, Wurtemberg, Germany. Shutter for photographic apparatus. 2,198,729; Apr. 30.
Junghans, Helmut, Schramberg-Sulgen, Wurtemberg, Germany. Supporting structure for the mechanism and/or dials of clocks. 2,207,486; July 9.
Junghans, Siegfried, Stuttgart, Germany. Apparatus for continuous casting processes. 2,218,171; Oct. 15.
Junghans, Siegfried, Stuttgart, Wurttemberg, Germany. Process and mechanism for treating metals or metal alloys in a molten state. 2,224,303; Dec. 10.
Junghans, Siegfried, Stuttgart-Wurttemberg, Germany. Treating molten substances, such as metals. 2,225,414; Dec. 17.
Junghans, Siegfried, Stuttgart-Wurttemberg, Germany. Continuous casting of castings with continuous longitudinal hollow spaces. 2,225,415; Dec. 17.
Junghans, Siegfried, Stuttgart-Wurttemberg, Germany. Continuous casting process. 2,225,416; Dec. 17.
Jungk, Herbert G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Salient-pole rotor member for dynamo-electric machines. 2,209,334; July 30.
Jungk, Herbert G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Collector ring for dynamo-electric machines. 2,209,335; July 30.
Jungmann, Karl, Aussig, Czechoslovakia, assignor to Schering Corporation, Bloomfield, N. J. Material for therapeutic purposes capable of swelling in water, and preparing same. 2,205,886; June 25.
Jung-Zaeper, Curt. (See Baier, O., and Jung-Zaeper.)
Jung-Zaeper, Curt. (See Hahnemann, W. M., and Jung-Zaeper.)
Junkers & Co. G. m. b. H. (See Hegwein, Georg, assignor.)
Junkers & Co. G. m. b. H. (See Horn, Erich, assignor.)
Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See Baesgen, W., Demsky, and Pätzold, assignors.)
Junkers Flugzeug-und-Motorenwerke A. G. (See Bielitz, Friedrich, assignor.)
Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See Borstel, Walter, assignor.)
Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See Brandner, Ferdinand, assignor.)
Junkers Flugzeug-und-Motorenwerke-Aktiengesellschaft. (See Gausmann, Carl, assignor.)
Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See Gimm, Alfred, assignor.)
Junkers Flugzeug-und-Motorenwerke, Aktiengesellschaft. (See Kunze, Albert, assignor.)
Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See Mader, Otto, assignor.)
Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See Meyer, Ludwig, assignor.)
Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See Muttray, J., and Vogel, assignors.)
Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See Neugebauer, Franz, assignor.)
Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See Scheibe, Alfred, assignor.)
Junkers Flugzeug-und-Motorenwerke, Aktiengesellschaft. (See Scheller, H., Wagner, and Aikele, assignors.)
Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See Steuerlein, Gustav, assignor.)
Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See v. Doepp, Philipp, assignor.)
Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See von Schlippe, Boris, assignor.)
Junkers Flugzeug-und-Motorenwerke, Aktiengesellschaft. (See Wagner, Herbert, assignor.)
Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See Wagner, H., and von Doepp, assignors.)
Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See Wagner, H., and v. Schlippe, assignors.)
Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See Wilcken, K., Kliempt, Fritz, and Heck, assignors.)
Junkers, Hugo. (See Jänicke, Hermann, assignor.)
Junkers, Therese. (See Jänicke, Hermann, assignor.)
Junkers, Therese, administratrix. (See Jänicke, Hermann.)
Junkins, Raymond D., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Control system. 2,217,637; Oct. 8.
Junkins, Raymond D., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Control system. 2,217,640; Oct. 8.
Junkins, Raymond D., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Control system. 2,217,641; Oct. 8.
Junkmann, Karl, Berlin, and H.-G. Allardt, Philippsthal, Kreis, Teltow, Germany, assignors to Schering Aktiengesellschaft. Trialkylacetamides having saturated alkyl groups and making the same. 2,186,976; Jan. 16.
Jureczki, Casimir F., Bandera, Tex. Pelt stretching apparatus. 2,185,441; Jan. 2.
Jurgens, Emil G., and H. K. Becker, assignors to Peters Machinery Company, Chicago, Ill. Depositing machine. 2,217,020; Oct. 8.
Jurgens, Emil G., and H. K. Becker, assignors to Peters Machinery Company, Chicago, Ill. Carton forming machine. 2,220,960; Nov. 12.
Jurick, Rudolph J., Irvington, N. J. Toy railway system. 2,202,557; May 28.
Jurriaanse, Tom. (See Druyvesteyn, M. J., and Jurriaanse.)
Jurriaanse, Tom, and J. G. W. Mulder, assignors to N. V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands. Mercury cathode discharge tube. 2,192,349; Mar. 5.
Jurs, Albert E., Piedmont, Calif. Sampling device. 2,198,116; Apr. 23.
Jurs, Albert E., Piedmont, Calif. Pressure relief valve. 2,214,963; Sept. 17.
Jurs, Albert E., Piedmont, Calif. Gas flow regulator. 2,224,394; Dec. 10.
Justheim, Clarence I., Salt Lake City, Utah. Refrigerating display stand. 2,192,746; Mar. 5.
Justice, William N., Baltimore, Md. Frankfurter and tenderizing the same. 2,206,256; July 2.
Justiss, James F. (See Allison, B. F., and Justiss.)
Justras, Henry G. J., and J. R. Lacharité, Centerdale, R. I. Clothesline hanger. 2,226,820; Dec. 31.
Justrite Manufacturing Company. (See Packer, Charles S., assignor.)
Juul, Samuel H., Outlook, Mont. Safety device for aircraft. 2,193,029; Mar. 12.
Juzi, Viktor, Ermatingen-on-the-Bodensee, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Regulating device for through-flow tubular steam generators. 2,202,495; May 28.
K-C-M Company. (See Mason, James O., assignor.)
K-D Manufacturing Company. (See Kulp, Harry W., assignor.)
K. L. G. Sparking Plugs Limited. (See Carington, Charles M., assignor.)
K-W Ignition Corporation, The. (See Spalding, Thomas R., assignor.)
K & W Rubber Corporation, The. (See Johnson, John H., assignor.)
Kaar, Ira J., Stratford, Conn., assignor to General Electric Company. Signal receiving system. 2,207,587; July 9.
Kaasa, Orin G., Munster, Ind., assignor to Sinclair Refining Company, New York, N. Y. Cracking hydrocarbons. 2,212,565; Aug. 27.
Kaase, W., and E. Waltmann, Krefeld, Germany, assignors to Heberlein Patent Corporation, New York, N. Y. Producing water-repellent cellulose-containing materials and products therefrom. 2,207,740; July 16.
Kabela, Fred, Little Ferry, and G. F. Whiting, assignors to Lowe Paper Company, Ridgefield, N. J. Coating paper. 2,204,600; June 18.
Kaber, Joseph W., Shaker Heights, Ohio. Decalcomania and preparing same. 2,190,210; Feb. 13.
Kabo Corset Co. (See Bertrams, Elsa E., assignor.)
Kaboskey, Benjamin F., and C. J. Walczak, Milwaukee, Wis. Retrieving device. 2,190,531; Feb. 13.
Kabushiki Kaisha Shimizugumi Kyobashi-ku. (See Oka, Kyohei, assignor.)
Kabushikigaisha Takenaka Komten. (See Ouchi, Tsugio, assignor.)
Kacena, John, Chicago, and P. W. Vandenberg, Elmhurst, assignors to Crane Co., Chicago, Ill. Clip supporting means for enclosures. 2,205,360; June 18.
Kactus Company. (See Cushman, Joseph W., assignor.)
Kactus Company. (See Staten, Jesse B., assignor.)
Kaddeland, Christen R. (See Harrold, C. W., Wood, and Kaddeland.)
Kaddeland, Christen R., Shelton, Conn., assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Web tension control. 2,222,462; Nov. 19.
Kaddeland, Christen R., Shelton, Conn., and C. W. Harrold, University Heights, assignors to Harris-Seybold-Potter Company, Cleveland, Ohio. Accelerating feeder. 2,192,916; Mar. 12.
Kadenacy, Michel. (See Cornish, A. H., and Kadenacy.)
Kadenacy, Michel, Paris, France. Exhaust device for explosion or internal combustion engines. 2,206,193; July 2.
Kadenacy, Michel, Paris, France, assignor to Armstrong Whitworth Securities Company, Limited, London, England. Exhaust passage of two-stroke internal combustion engines. 2,198,730; Apr. 30.
Käding, Hans, Leuna, assignor, by mesne assignments, to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Recovery of molybdenum. 2,191,794; Feb. 27.
Kadis-Ohlen, John. (See Fischer, K. W., and Kadis-Ohlen.)
Kaeding, George, Astoria, and H. Hoyer, Ozone Park, N. Y. Wrapping machine. 2,185,593; Jan. 2.
Kaegi, Anna E., administratrix. (See Kaegi, Emil M.)

Kaegi, Emil M., deceased, by A. E. Kaegi, special administratrix, Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric valve control system. 2,215,906; Sept. 24.
Kaehler, George, Fresno, Calif. Irrigation water gate. 2,226,310; Dec. 24.
Kaehlert, Kurt, New York, N. Y. Caliper gauge. 2,201,832; May 21.
Kaemmerer, Hans, and L. Neumann, Mannheim, and R. Schweizer, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation. Production of new azo dyestuffs containing chromium. 2,198,701; Apr. 30.
Kaeser, George L., Hartford, Conn., assignor to Walsh Holyoke Steam Boiler Works, Inc., Holyoke, Mass. Snowplow. 2,199,593; May 7.
Kaestner, Thankmar W., assignor to The Crosley Corporation, Cincinnati, Ohio. Mechanical movement. 2,194,503; Mar. 26.
Kaestner, Thankmar W., assignor to The Crosley Corporation, Cincinnati, Ohio. Operating mechanism for washing machine assemblies. 2,200,175; May 7.
Kafka, Wilhelm. (See Siebert, E., and Kafka.)
Kafowi, Johann, Vienna, Austria, assignor of one-half to F. Goldschmidt, Prague, Czechoslovakia. Producing elongated bodies by deformation. 2,200,231; May 7.
Käfsten, Sven H. (See Thielers, E. M., Vigren, and Käfsten.)
Kaganski, Nochoum, Paris, France. Method and apparatus for renewing the perforations of motion picture films. 2,220,523; Nov. 5.
Kagley, Herbert W., assignor to Lindsay Ripe Olive Company, Lindsay, Calif. Machine for applying folders to cans. 2,195,111; Mar. 26.
Kah, Elmer H., Sidney, assignor, of one-third to R. W. Turner, Port Jefferson, and one-third to S. L. Barnett, Allen County, Ohio. Sportsman's knife. 2,206,257; July 2.
Kahanowitz, Wm. M. (See Scott, Maurice, assignor.)
Kahl, Leopold, Berlin-Charlottenburg, assignor to the firm Rütgerswerke-Aktiengesellschaft, Berlin, Germany. Obtaining volatile products from bituminous substances. 2,224,685; Dec. 10.
Kahl, Quintin H. H. (See Clench, E. C. S., and Kahl.)
Kahle, Friedrich-Wilhelm, assignor to Bellstofffabrik Waldhof, Mannheim-Waldhof, Germany. Recovery of the sulphurous acid produced in the sulphite cellulose cooking process. 2,221,066; Nov. 12.
Kähle, Paul. (See Grüss, H., Kähle, and Lieneweg.)
Kahler, Gerhard O., Dorchester, Mass. Curtain-supporting and operating mechanism. 2,222,229; Nov. 19.
Kahler, John E., Kankakee, Ill. Swatter gun. 2,213,496; Sept. 3.
Kahler, John H., Jr. (See Dimm, C. R., and Kahler.)
Kahlerth, Carl W., Newark, N. J., assignor to McKiernan-Terry Corporation, New York, N. Y. Boat winch. 2,224,503; Dec. 10.
Kahlisch, Gustav. (See Reiners, W., and Kahlisch.)
Kahlisch, Gustav. (See Reiners, W., Kahlisch, and Fürst.)
Kahlisch, Gustav, Rheydt, assignor to W. Schlafhorst & Co., Gladbach-Rheydt, Germany. Winding machine. 2,208,930; July 23.
Kahlisch, Gustav, Rheydt, assignor to W. Schlafhorst & Co., Gladbach-Rheydt, Germany. Creel frame. 2,209,203; July 23.
Kahn, Alfred, Ozone Park, N. Y., assignor to Radio Corporation of America. Keying system. 2,185,199; Jan. 2.
Kahn, Alfred, Ozone Park, N. Y., assignor to Radio Corporation of America. Multiplex receiving circuit arrangement. 2,218,914; Oct. 22.
Kahn, Bertrand B., Cincinnati, and C. J. Hake, assignors to The Estate Stove Company, Hamilton, Ohio. Stove. 2,201,584; May 21.
Kahn, Bertrand B., Cincinnati, and C. J. Hake, assignors to The Estate Stove Company, Hamilton, Ohio. Stove. 2,221,870; Nov. 19.
Kahn, David, North Bergen, assignor to David Kahn, Inc., North Bergen Township, N. J. Mechanical pencil. 2,186,027; Jan. 9.
Kahn, David, Woodcliff, assignor to David Kahn, Inc., North Bergen Township, Hudson County, N. J. Mechanical magazine pencil. 2,186,869; Jan. 9.
Kahn, David, assignor to David Kahn, Inc., North Bergen, N. J. Mechanical pencil. 2,186,870; Jan. 9.
Kahn, David, Woodcliff, assignor to David Kahn, Inc., North Bergen Township, Hudson County, N. J. Mechanical pencil. 2,203,093; June 4.
Kahn, David, Woodcliff, and M. Seyforth, Palisades Park, assignors to David Kahn, Inc., North Bergen Township, N. J. Pen point and making the same. 2,208,460; July 16.
Kahn, David, Inc. (See Kahn, David, assignor.)
Kahn, David, Inc. (See Kahn, D., and Seyforth, assignors.)
Kahn, Frank J. (See Kahn, Leo M. and F. J.)
Kahn, George, Brooklyn, assignor to Ellery Products Manufacturing Co., Inc., New York, N. Y. Window curtain. 2,194,242; Mar. 19.
Kahn, Jacob K. (See Bloch, E., and Kahn.)
Kahn, Jacob K., assignor to Spiegel, Inc., Chicago, Ill. Starting wick for oilstove burners. 2,197,866; Apr. 23.
Kahn, Jacob K., and E. G. Skoog, assignors to Spiegel, Inc., Chicago, Ill. Remote control for radio receivers. 2,223,619; Dec. 3.
Kahn, Julian S., New York, N. Y. Combined container opener and liquid dispenser. 2,203,156; June 4.
Kahn, Julian, New York, N. Y. Mixing apparatus for charging beverages or for frothing liquids. 2,197,763; Apr. 23.
Kahn, Julius, Cleveland Heights, W. F. Schulz, Shaker Heights, and C. Schofield, Lakewood, assignors to Republic Steel Corporation, Cleveland, Ohio. Pipe thread protector. 2,196,454; Apr. 9.
Kahn, Leo M., New York, N. Y., assignor to The American Laundry Machinery Company, Norwood, Ohio. Folding machine. 2,222,076; Nov. 19.
Kahn, Leo M. and F. J., New York, N. Y.; said F. J. Kahn assignor to said L. M. Kahn. Laundry pressing machine. 2,207,096; July 9.
Kahn, Rudolph, New York, N. Y. Suction cleaner. 2,222,077; Nov. 19.
Kaier, Richard, Cranford, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,206,285; July 2.
Kaier, Richard, Cranford, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine gear-lubricating system. 2,209,336; July 30.
Kain, Clifford H., et al. (See Richard, Clement C., assignor.)
Kain, Simon. (See Kile, E. M., and Kain.)
Kairis, Peter J., Minocqua, Wis. Ski. 2,196,925; Apr. 9.
Kaiser, Emil, assignor to Chemical Works of Gedeon Richter Ltd., Budapest, Hungary. Production and purification of sexual hormone derivatives. 2,208,942; July 23.
Kaiser, Fred, Brooklyn, N. Y. Door latch mechanism. 2,188,149; Jan. 23.
Kaiser, Fred, Brooklyn, N. Y. Door latch mechanism. 2,222,411; Nov. 19.
Kaiser, Harry E. (See Bechtold, I. C., and Kaiser.)
Kaiser, Harry E., Colton, assignor to California Portland Cement Company, Los Angeles, Calif. Quenching Portland cement clinkers. Re. 21,633; Nov. 26.
Kaiser, Heinrich, assignor to the firm of Carl Zeiss, Jena, Germany. Apparatus for producing electric sparks for use in spectrum analysis. 2,209,523; July 30.
Kaiser, Herman F. (See Canfield, R. H., Kaiser, Gezelius, and Jerabek.)
Kaiser, Otto. (See Graenacher, C., Gyr., Kaiser, Ackermann and Bruengger.)
Kaiser, Paul, Toledo, Ohio. Coating container. 2,186,383; Jan. 9.
Kaiser, Paul, San Francisco, Calif. Combination switch lock. 2,192,663; Mar. 5.
Kaiser, Rudolf. (See Berger, J., and Kaiser.)
Kaiserman, Jacob R., Helena, assignor of one-half to A. W. Merkle, Butte, Mont. Bowling alley. 2,194,146; Mar. 19.
Kajita, Toshiji, and R. Inoue, Tokyo, assignors, by mesne assignments, to Showa Sangyo Kabushiki Kaisha, Yokohama, Japan. Manufacturing artificial fiber from protein contained in soya bean. 2,192,194; Mar. 5.
Kajita, Toshiji, R. Inoue, and A. Yamamouchi, Tokyo, assignors to Showa Sangyo Kabushiki Kaisha, Tsurumiku, Yokohama, Japan. Producing proteic coating or film upon fiber, textile, or the like. 2,193,818; Mar. 19.
Kajita, Toshiji, and R. Inoue, Tokyo, assignors, by mesne assignments, to Showa Sangyo Kabushiki Kaisha, Yokohama, Japan. Manufacturing artificial fiber from protein contained in soybean. 2,198,538; Apr. 23.
Kalajian, Harry J., Detroit, Mich. Die casting machine. 2,187,239; Jan. 16.
Kalamazoo Stove & Furnace Company. (See Blakeslee, Arthur L., assignor.)
Kalamazoo Vegetable Parchment Company. (See Hayward, Ralph A., assignor.)
Kalart Company, The. (See Schwartz, Morris, assignor.)
Kalart Company, The. (See Schwartz, M., and Castedello, assignors.)
Kalbeck, Martin, Buffalo, N. Y., assignor to Crane Co., Chicago, Ill. Nipple extractor or puller tool. 2,224,031; Dec. 3.
Kalbskopf, Ferdinand W., Fullerton, assignor to The Eastern Cap & Closure Co., Baltimore, Md. Container cap. 2,222,103; Nov. 19.
Kalbskopf, Walter, assignor to Suddeutsche Apparatefabrik, Nuremberg, Germany. Rectifier device. 2,189,905; Feb. 13.
Kalbskopf, Walter, assignor to Süddeutsche Apparatefabrik G. m. b. H., Nuremberg, Germany. Converter. 2,196,677; Apr. 9.
Kalbskopf, Walter, assignor to Suddeutsche Apparate-Fabrik, Nuremberg, Germany. Voltage multiplier. 2,213,843; Sept. 3.
Kale, Russell H. (See Tripp, W. W., and Kale.)
Kalep, Georg. (See Melzer, E., Siegmund, and Kalep.)
Kalil, Elias A., New York, N. Y. Knitted fabric. 2,215,269; Sept. 17.
Kalin, Albert, Cleveland, Ohio. Governor. 2,219,229; Oct. 22.
Kalin, Albert, assignor to Woodward Governor Company, Rockford, Ill. Synchrophasing system. 2,205,264; June 18.
Kalin, Albert, assignor to Woodward Governor Company, Rockford, Ill. Synchrophasing system. 2,205,265; June 18.

Kalin, Samuel M., Los Angeles. Air cooler. 2,196,310; Apr. 9.
Kalina, Samuel, Los Angeles, Calif. Ring. 2,220,408; Nov. 5.
Kalinski, Stanley. (See La Fave, William O'B., assignor.)
Kalio Inc. (See Bahner, Karl, assignor.)
Kalio, Inc. (See Dietrich, G. H., Verbeek, and Eissner, assignors.)
Kalio, Inc. (See Lieberknecht, Karl R., assignor.)
Kalio, Inc. (See Mamrol, Peter J., assignor.)
Kalio, Incorporated. (See Riedel, Rudolf, assignor.)
Kalio, Inc. (See Verbeek, Arnold, assignor.)
Kalio, Inc. (See Verbeek, A., and Eissner, assignors.)
Kalio, Inc. (See Verbeek, Arnold F., assignor.)
Kalischer, Milton, Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Food preserving apparatus. 2,215,123; Sept. 17.
Kalish, Charles, Brooklyn, N. Y. Exposure timer. 2,212,834; Aug. 27.
Kalisz, Steve, Chicago, Ill. Table, bench, and the like. 2.223,618; Dec. 3.
Kallander, Ernest L., assignor to Dennison Manufacturing Company, Framingham, Mass. Thermoplastic label applier. 2,192,264; Mar. 5.
Kallander, Ernest L., assignor to Dennison Manufacturing Company, Framingham, Mass. Thermoplastic label dispenser. 2,192,265; Mar. 5.
Kallander, Ernest L., assignor to Dennison Manufacturing Company, Framingham, Mass. Thermoplastic label dispenser. 2,192,266; Mar. 5.
Kalle & Co. Aktiengesellschaft. (See Neugebauer, W., and Süs, assignors.)
Kalle & Co. Aktiengesellschaft. (See Schade, A., and Horn, assignors.)
Kalle & Co. Aktiengesellschaft. (See Schmidt, M. P., and Süs, assignors.)
Kalle & Co. Aktiengesellschaft. (See Schneider, F., Altgelt, and Neugebauer, assignors.)
Kalle & Co. Aktiengesellschaft. (See Süs, Oskar, assignor.)
Kalle & Co. Aktiengesellschaft. (See von Poser, G., Schmidt, and Werner, assignors.)
Kalle & Co. Aktiengesellschaft. (See Zahn, R., Süs, and Franke, assignors.)
Kalling, Bo Michael S., Djursholm, Sweden. Decarbonizing carbon-holding iron without melting. 2,201,181; May 21.
Kalling, Bo Mikael S., and I. Rennerfelt, Djursholm, Sweden. Decarbonizing a carbon holding metal, such as pig iron. 2,201,900; May 21.
Kallmann, Hartmut. (See Kuhn, E., and Kallmann.)
Kallmann, Hartmut, Berlin-Charlottenburg, and E. Kuhn, Berlin, assignors to I. G. Farbenindustrie Aktiengesellschaft, Ludwigshafen - on - the - Rhine, Germany. Photographic detection of slowly moving neutrons. 2,186,757; Jan. 9.
Kallmann, Hartmut, Berlin-Charlottenburg, and E. Kuhn, Berlin, assignors, by mesne assignments, to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Investigation of materials with neutrons. 2.188.115; Jan. 23.
Kallmann, Hartmut I., formerly known as H. Kallmann, Berlin-Charlottenburg, and E. Kuhn, Berlin, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft. Device for generating a beam of ions of high velocity. 2,213,140; Aug. 27.
Kallmann, Hartmut I., formerly known as Hartmut Kallmann, Berlin-Charlottenburg, and E. Kuhn, Berlin, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft. Device for generating a beam of ions of high velocity. 2,215,155; Sept. 17.
Kallmann, Simon, Paris, France. Hair drier. 2,197,752; Apr. 16.
Kallmeyer, Friedrich W., Bremen, Germany, assignor to Submarine Signal Company, Boston, Mass. Sound transmitter and sound receiver actuated by magnetostrictive forces. 2,190,666; Feb. 20.
Kallós, Johann. (See Kallós, Josef J., and J.)
Kallós, Josef J. and J., Budapest, Hungary, assignors to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,208,638; July 23.
Kallstenius, Torsten K. S., Stocksund, Sweden, assignor, by mesne assignments, to American Heat Reclaiming Corporation, New York, N. Y. Plate stack heat exchanger. 2,217,316; Oct. 8.
Kallusch, Kamillo, assignor to Optikotechna, společnost s r. o., Prerov, Czechoslovakia. Negative carrier, especially suitable for projection apparatus and enlarging apparatus. 2,198,169; Apr. 23.
Kallusch, Kamillo, assignor to Optikotechna společnost s r.o., Prerov, Prerov, Czechoslovakia. Portable device adapted for daylight projection. 2,225,012; Dec. 17.
Kalman, Nicholas L., assignor to Arthur D. Little, Incorporated, Cambridge, Mass. Cativyl alcohol and preparing it. 2,194,121; Mar. 19.
Kalmis, Philip M., Long Island City, N. Y. Fireplace accessory. 2,217,954; Oct. 15.
Kalmus, Henry P., and B. A. Silard, New York, N. Y. Stabilizing means for electric circuits. 2,219,928; Oct. 29.
Kalo Inoculant Company. (See Bond, Varley S., assignor.)
Kalous, Mieczyslaw J., London, England. Process and apparatus for working up nitrous gases to nitric acid. 2,189,363; Feb. 6.
Kaloustian, George. (See Nevin, H. S., and Kaloustian.)
Kaloustian, George, Highland Park, assignor to Cobrecite Corporation, Detroit, Mich. Siliceous product and making same. 2,209,163; July 23.
Kalsing, Harry, Weisswasser, H. Krefft, Berlin-Friedrichshagen, and F. Rössler, Berlin, Germany, assignors to General Electric Company. Electric discharge lamp. 2,212,879; Aug. 27.
Kaltenbach, Carl, and L. Schmitt, New York, N. Y. Frozen custard making machine. 2,188,551; Jan. 30.
Kaltenbach, Robert W., Cleveland Heights, Ohio. Material handling device. 2,216,742; Oct. 8.
Kalter, Haroid E., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Cycle saddle post. 2,205,014; June 18.
Kaltoft, Sigurd, assignor to Howard Rose Company, Hemet, Calif. Plow. 2,187,380; Jan. 16.
Kalusdian, Varton M. (See MacMahon, J. D., Taylor, and Kalusdian.)
Kalz, Bruno, Dabendorf, Kreis Teltow, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Radio direction finding system. 2,223,069; Nov. 26.
Kamborian, Albert, West Newton, assignor, by mesne assignments, to General Research, Inc., Boston, Mass. Apparatus for lasting shoes. 2,210,586; Aug. 6.
Kamborian, Jacob S., Newton, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for use in the manufacture of shoes. 2,194,598; Mar. 26.
Kamborian, Jacob S., West Newton, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Relasting machine. 2,211,782; Aug. 20.
Kamborian, Jacob S., Newton, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Manufacture of shoes. 2,214,791; Sept. 17.
Kamborian, Jacob S., West Newton, and E. Movsesian, Bradford, assignors, by mesne assignments, to General Research, Inc., Boston, Mass. Footwear. 2,217,341; Oct. 8.
Kamen, Willard B., Chicago, Ill. Attaching clip. 2,186,586; Jan. 9.
Kamenarovic, Leone, assignor to Fabbrica Italiana Magneti Marelli Società Anonima, Milan, Italy. Tuning gear for radio receiving sets. 2,192,084; Feb. 27.
Kamenarović, Leone, assignor to Fabbrica Italiana Magneti Marelli Società Anonima, Milan, Italy. Centrifugal governor. 2,196,360; Apr. 9.
Kamenarovic, Leone, Milan, Italy, assignor to Radio Corporation of America. Radio frequency winding with iron core. 2,204,086; June 11.
Kamenarovič, Leone, assignor to Fabbrica Italiana Magneti Marelli Societa Anonima, Milan, Italy. Conduit coupling. 2,222,746; Nov. 26.
Kameny, Emil. (See Nadler, C. S., and Kameny.)
Kamket Corporation. (See Catini, Vincenzo, assignor.)
Kamket Corporation. (See Freundlich, Albert, assignor.)
Kamm, Paul, Luzern, Switzerland. Apparatus for absorbing the secondary rays in X-ray photography. 2,195,729; Apr. 2.
Kamm, Richard. (See Brown, Marshall, assignor.)
Kämmel, Hugo E., Zella-Mehlis, assignor to Mercedes Buromaschinen-Werke Aktiengesellschaft, Zella-Mehlis, Thuringia, Germany. Typewriting-calculating machine or the like with total-taking mechanism. 2,186,642; Jan. 9.
Kammer, George S., Budapest, Hungary. Internal combustion engine. 2,187,856; Jan. 23.
Kammer, George S., Budapest, Hungary. Internal combustion engine. 2,187,857; Jan. 23.
Kammer, George S., Budapest, Hungary. Internal combustion engine with separate combustion chambers. 2,197,106; Apr. 16.
Kammer, George S., Geneva, Switzerland. Two-stroke cycle engine. 2,197,107; Apr. 16.
Kammerdiner, James A., Los Angeles, Calif. Automatic shutoff valve. 2,215,044; Sept. 17.
Kammerer, Fred W., New York, N. Y. Threshold. 2,188,049; Jan. 23.
Kamogawa, Hiroshi. (See Hirose, M., and Kamogawa.)
Kamp, Franklin P., Eggertsville, N. Y. Automatic lock opener. 2,189,346; Feb. 6.
Kampczyk, Leonard, Hanover-Kirchrode, assignor to Geha Aktiengesellschaft, Hanover, Germany. Fastening matrices in duplicators. 2,204,935; June 18.
Kämpfer, Adolf, Charlottenburg, Berlin, Germany. Removing the solvents from solutions of resilient substances. 2,200,554; May 14.
Kämpfer, Adolf, Charlottenburg, Berlin, Germany. Press for the manufacture of multilayer nonsplintering glass. 2,225,870; Dec. 24.
Kämpfer, Adolf H., Berlin, and A. Schattmann, Berlin-Charlottenburg, Germany. Apparatus for the projection of color-value images. 2,217,907; Oct. 15.
Kampfer, Adolf H., and A. Schattmann, Charlottenburg, Berlin, Germany; said Schattmann assignor to said Kampfer. Photographic filter. 2,202,737; May 28.

Kamplade, Heinrich, assignor to Heinrich Lanz, Aktiengesellschaft, Mannheim, Germany. Operating position adjustment for harvesting machines. 2,203,022; June 4.
Kampschulte, Josef, Soest, Westphalia, Germany. Folding bed. 2,215,963; Sept. 24.
Kamrath, Herbert G., Flint, assignor to General Motors Corporation, Detroit, Mich. Nodulated oil filter. 2,203,495; June 4.
Kamrath, Herbert G., Flint, assignor to General Motors Corporation, Detroit, Mich. Air cleaner and silencer assembly. 2,214,731; Sept. 17.
Kancer, Carroll C., Norwood, Mass. Closure for bottles. 2,198,117; Apr. 23.
Kandetzki, Albert W., Stamford, Conn., assignor to Electrolux Corporation, Dover, Del. Latching device for vacuum cleaners. 2,202,056; May 28.
Kane, Archie S., Everett, Wash. Land clearing machine. 2,187,707; Jan. 16.
Kane, Catherine B., Greenwich, Conn. Nonskid device for automobiles. 2,221,838; Nov. 19.
Kane, Frank A. (See Reichhelm, G. L., Holm, Kane, and Funderburk, assignors.)
Kane, Frank A., Jr. (See Reichhelm, G. L., Holm, Kane, and Funderburk.)
Kane, Irving. (See Withem, Donald D., assignor.)
Kane, J. Warren, assignor to International Folding Paper Box Co., Inc., North Bergen, N. J. Display and shipping package. 2,224,850; Dec. 17.
Kane, John E., assignor to The Frank H. Lee Company, Danbury, Conn. Hat making apparatus. 2,207,407; July 9.
Kane, Martine, assignor to Helena Rubinstein, Inc., New York, N. Y. Vanity case. 2,196,017; Apr. 2.
Kane & Roach, Inc. (See Kane, William E., assignor.)
Kane, William E., assignor to Kane & Roach, Inc., Syracuse, N. Y. Rod and tube straightening machine. 2,209,337; July 30.
Kann, Eduard, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Film cutter. 2,187,655; Jan. 16.
Kann, Sydney, Detroit, assignor of one-half to C. Swartout, North Muskegon, Mich. Garment construction. 2,199,462; May 7.
Kannenberg, Walter F., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,226,934; Dec. 31.
Kannenstine, F. M. (See Floyd, Francis M., assignor.)
Kanner, Samuel, assignor to Spencerian Pen Company, New York, N. Y. Mechanical pencil. 2,222,295; Nov. 19.
Kantack, Walter W., St. Albans, N. Y. Lighting fixture. 2,196,214; Apr. 9.
Kanter, Jacob A., Chicago, Ill. Tie means for concrete forms. 2,217,278; Oct. 8.
Kanter, Marcus E., assignor to Railley Corporation, Cleveland, Ohio. Lighting fixture. 2,219,541; Oct. 29.
Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Bottle gassing machine. 2,199,565; May 7.
Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Apparatus for deaerating sirup. 2,203,388; June 4.
Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Carbonator. 2,219,032; Oct. 22.
Kapella Limited. (See Cooke, Ernest A., assignor.)
Kapella Limited. (See Reason, Richard E., assignor.)
Kapella Limited. (See Taylor, Mark H., assignor.)
Kapelman, Felix, Bronx, assignor to Bolta Comb Company, Inc., New York, N. Y. Hair curler. 2,197,475; Apr. 16.
Kapelman, Louis, Brooklyn, N. Y. Vibratory tone enhancing and reinforcing bar for stringed musical instruments. 2,202,208; May 28.
Kapitza, Peter, Moscow, Union of Soviet Socialist Republics. Damping oscillations of rotating shafts. 2,220,524; Nov. 5.
Kaplan, Harry. (See Steadman, R. P., and Kaplan.)
Kaplan, Harry, Philadelphia, Pa. Foot adjusting and gauging apparatus. 2,216,533; Oct. 1.
Kaplan, Isadore, Chicago, Ill. Mirror and picture frame. 2,186,643; Jan. 9.
Kaplan, Jacob, New York, N. Y. Lady's handbag and making the same. 2,192,010; Feb. 27.
Kaplan, Leo I., and B. G. von Reis, assignors to Detroit Broach Company, Detroit, Mich. Broach. 2,209,025; July 23.
Kaplan, Leo I., and B. G. von Reis, Detroit, Mich., assignors to Detroit Broach Company. Broach. 2,209,026; July 23.
Kaplan, Leo I., and B. G. von Reis, assignors to Detroit Broach Company, Detroit, Mich. Broaching machine. 2,209,027; July 23.
Kaplan, Maurice K., Chicago, Ill., assignor to Nellie J. Kaplan Company. Lamp element. 2,225,538; Dec. 17.
Kaplan Musical String Co. (See Kaplan, Stanley, assignor.)
Kaplan, Nellie J., Company. (See Kaplan, Maurice K., assignor.)
Kaplan, Philip. (See Grant, William F., assignor.)
Kaplan, Philip, Teaneck, assignor to The Richards Chemical Works, Incorporated, Jersey City, N. J. Cellular concrete. 2,215,812; Sept. 24.
Kaplan, Stanley, assignor to Kaplan Musical String Co., Norwalk, Conn. String for musical instruments. 2,205,144; June 18.
Kaplowitz, Morris, assignor to Microphone Corporation of America, Brooklyn, N. Y. Reflector. 2,208,131; July 16.
Kapp, Fred, Oakland, Calif. Spark plug. 2,226,414; Dec. 24.
Kapp, Fred, Oakland, Calif. Spark plug. 2,226,415; Dec. 24.
Kapp, Gene, and N. Schimmel, assignors to New Hermes, Inc., New York, N. Y. Pantograph engraving or like machine. 2,199,261; Apr. 30.
Kapp, Max. (See Buchner, M. and Kapp.)
Kapp, Milton R., Vinita, Okla. Window blind. 2,216,414; Oct. 1.
Kapp, Roland, Newark, assignor to National Oil Products Company, Harrison, N. J. Stable emulsion. 2,203,641; June 4.
Kapp, Roland, Newark, assignor to National Oil Products Company, Harrison, N. J. Sulphonation product. 2,203,642; June 4.
Kapp, Roland, Newark, assignor to National Oil Products Company, Harrison, N. J. Emulsifying composition. 2,207,256; July 9.
Kapp, Roland, Newark, assignor to National Oil Products Company, Harrison, N. J. Manufacture of fatty esters. 2,207,257; July 9.
Kapp, Roland, Newark, and K. T. Steik, Upper Montclair, assignors to National Oil Products Company, Harrison, N. J. Treating textile making materials. 2,195,131; Mar. 26.
Kappeler, Markus, assignor to Sandoz Ltd., Basel, Switzerland. Disazo dyestuffs and their manufacture. 2,211,752; Aug. 20.
Kappenberg, William, Queens Village, assignor to Coffee Products Corporation, New York, N. Y. Coffee processing. 2,204,896; June 18.
Kappes, William H. (See Goldsmith, W. M., and Kappes.)
Kappler, Carl F., assignor to San-KNIT-ary Textile Mills, Philadelphia, Pa. Knitted fabric. 2,194,044; Mar. 19.
Kappler, Theodore W. (See Berry, H. O., and Kappler.)
Karasick, Samuel, Mount Vernon, N. Y. Permanent magnet chuck and demagnetizer. 2,187,240; Jan. 16.
Karasick, Samuel, Mount Vernon, N. Y. Pump. 2,208,273; July 16.
Karasick, Samuel, Mount Vernon, N. Y. Electromagnetic holding device and demagnetizer. 2,213,007; Aug. 27.
Karasik, Louis. (See Burt, Harry M., assignor.)
Karassik, Igor J., New York, N. Y., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Boiler feed system. 2,225,453; Dec. 17.
Karcher, Harry C., Dearborn, assignor to Aluminum Aircell Insulation Company, Detroit, Mich. Making insulation and like structures. 2,206,962; July 9.
Karcher, Harry C., Dearborn, assignor to Aluminum Aircell Insulation Company, Detroit, Mich. Making insulation and like structures. 2,209,311; July 30.
Karcher, John C., Dallas, Tex. Apparatus for making electrical surveys of boreholes. 2,199,705; May 7.
Karge, Maxwell R., Rochester, N. Y. Air conditioning apparatus. 2,198,822; Apr. 30.
Karger, Franz. (See Albach, A. F., and Karger.)
Karish, Isaak, Chicago, Ill. Chair. 2,216,316; Oct. 1.
Karish, Isaak, Chicago, Ill. Combination bed and chair. 2,216,317; Oct. 1.
Karl, Heinrich, Jersey City, N. J. Telephone amplification. 2,193,874; Mar. 19.
Karl, Heinrich, Jersey City, N. J. Sanitary can or container. 2,227,138; Dec. 31.
Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Bobbin-case for sewing machines. 2,198,170; Apr. 23.
Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,202,586; May 28.
Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine bobbin-case. 2,212,475; Aug. 20.
Karlovitz, Béla, and D. Halász, Budapest, Hungary. Conversion of energy and apparatus for carrying out the process. 2,210,918; Aug. 13.
Karlovitz, Béla, and D. Halász, Budapest, Hungary. Vapor electric device. 2,216,743; Oct. 8.
Karlsen, Karl H., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Reverse lock. 2,192,609; Mar. 5.
Karlson, Alfred F., North Leominster, assignor to Parks-Cramer Company, Fitchburg, Mass. Ventilating and humidifying system. 2,204,016; June 11.
Karlsson-Ygger, Albert, Stockholm, Sweden. Recording weighing instrument. 2,189,802; Feb. 13.
Karlsteen, Gustav H., Tonawanda, N. Y. Air conditioning method and apparatus. 2,209,775; July 30.
Karlström, Fredrik J. R., Bo, Sweden, assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,212,942; Aug. 27.
Karmazin, John, assignor, by mesne assignments of one-half to R. M. Karmazin, Grosse Ile, Mich. Heat exchange apparatus. Re. 21,339; Jan. 30.
Karmazin, John, Grosse Ile, Mich., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,187,035; Jan. 16.

Karmazin, John, Huntington, Ind., assignor to General Motors Corporation, Dayton, Ohio. Restrictor tubing. 2,199,631; May 7.
Karmazin, John, assignor, by mesne assignments, of one-half to R. M. Karmazin, Grosse Ile, Mich. Radiator manufacture. 2,206,286; July 2.
Karmazin, John, Grosse Ile, Mich., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,212,864; Aug. 27.
Karmazin, Rose M. (See Karmazin, John, assignor.)
Karns, George M., Williamsville, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Thread production. 2,223,914; Dec. 3.
Karns, Melvin E., Collingswood, N. J., assignor to Radio Corporation of America. Acoustic apparatus. 2,217,279; Oct. 8.
Karolus, August, Leipzig, Germany, assignor to Radio Corporation of America. Picture transmission system. 2,185,302; Jan. 2.
Karolus, August, Leipzig, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television receiver. 2,189,315; Feb. 6.
Karolus, August, Leipzig, and F. Schröter, Berlin, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray switch. 2,202,527; May 28.
Karonis, Peter, et al. (See Vose, Walter F., assignor.)
Karpen, S. & Bros. (See Van Derveer, C. A., and Beck, assignors.)
Karper, S., & Bros. (See Riley, John P., assignor.)
Karr, Alfred D., Newark, assignor to Ingersoll-Rand Company, Jersey City, N. J. Refrigerating apparatus. 2,188,540; Jan. 30.
Karr, Alfred D., Newark, assignor to Ingersoll-Rand Company, Jersey City, N. J. Refrigerating apparatus. 2,199,463; May 7.
Karr, Chester L. (See Dehn, W. F., and Karr.)
Karr, Darwin S., Los Angeles, Calif. Insect destroyer. 2,219,743; Oct. 29.
Karrer, Paul, Zurich, Switzerland, assignor to Hoffman-La Roche Inc., Nutley, N. J. Manufacture of condensation products from halogen derivatives of phytol and nucleus alkylated hydroquinones. 2,208,585; July 23.
Karrer, Paul, Zurich, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of synthetic alpha-tocopherol. 2,215,398; Sept. 17.
Karrer, Sebastian. (See Betz, P. L., and Karrer.)
Karrer, Sebastian, Washington, D. C., and O. W. Lusby, Baltimore, Md., assignors, by mesne assignments, to Tennessee Eastman Corporation, Kingsport, Tenn. Prevention of sludge formation. 2,191,486; Feb. 27.
Karsberg, Ake. (See Lamm, U., and Karsberg.)
Karsel, William, assignor to Stewart-Warner Corporation, Chicago, Ill. Automobile heater. Re. 21,515; July 23.
Karsel, William, assignor to Stewart-Warner Corporation, Chicago, Ill. Heater for automobiles. 2,198,875; Apr. 30.
Karsikas, Arvid, assignor to The Ashtabula Bow Socket Company, Ashtabula, Ohio. Handle bar stem for bicycles and the like. 2,224,515; Dec. 10.
Karsten, Walter F. R., Boston, Mass., assignor to General Electric Company. Air conditioning system. 2,215,327; Sept. 17.
Karstens, R. B., et al. (See Vose, Walter F., assignor.)
Kartarik, Joseph, St. Paul, Minn. Centering device. 2,224,480; Dec. 10.
Kartaschoff, Valentin, and W. Steinemann, assignors to the firm of Chemical Works formerly Sandoz, Basel, Switzerland. Manufacture of pyridinium compounds. 2,192,085; Feb. 27.
Kasarjian, Armen A., Jackson Heights, assignor to Mosler Ignition Corporation, New York, N. Y. Multiple seal spark plug. 2,187,472; Jan. 16.
Kasch, Charles H., assignor to H. C. Simmons, Davenport, Iowa. Abrading. 2,203,530; June 4.
Kasdan, Nathan, New York, N. Y., assignor to Majestic Metal Specialties, Inc., Moosup, Conn. Vanity case. 2,217,908; Oct. 15.
Kash, Steven, Gary, Ind. Safety latch for coil tilters. 2,189,716; Feb. 6.
Kashew, John A., Chicago, Ill. Fruit and vegetable grater. 2,220,485; Nov. 5.
Kasin, Vincent A., Houston, Tex. Salt shaker. 2,205,040; June 18.
Kason Hardware Corporation. (See Groeger, Alfred H., assignor.)
Kaspar, Carl, Chicago, Ill. Hacksaw. 2,226,614; Dec. 31.
Kaspar, Frank, Cicero, assignor to General Scientific Corporation, Chicago, Ill. Electrode assembly. 2,192,551; Mar. 5.
Kasper, Elmer J. (See Martinet, E. F., and Kasper.)
Kass, Samuel M., Philadelphia, Pa. Lock nut. 2,191,201; Feb. 20.
Kass, Samuel M., Philadelphia, Pa. Hanger. 2,226,168; Dec. 24.
Käss, Walter E., Amsterdam, Netherlands. Press. 2,224,054; Dec. 3.
Kassay, Andrew W., assignor to Plaskon Company, Incorporated, Toledo, Ohio. Urea-formaldehyde molding composition. 2,220,337; Nov. 5.
Kassel, Joseph B., Brooklyn, N. Y. Incandescent lamp globe. 2,201,094; May 14.
Kassel, Louis S., assignor to Universal Oil Products Company, Chicago, Ill. Reactivating catalysts. 2,211,211; Aug. 13.
Kast, Edward R., Pearl River, assignor to Dexter Folder Company, New York, N. Y. Method of and apparatus for feeding sheets. 2,195,459; Apr. 2.
Kast, Edward R., assignor to Dexter Folder Company, Pearl River, N. Y. Sheet feeding apparatus. 2,201,539; May 21.
Kastar, Incorporated. (See Stark, Louis, assignor.)
Kastar Incorporated. (See Wilson, Howard, assignor.)
Kastel, Isidor I., New York, N. Y. Advertising device. 2,225,699; Dec. 24.
Kastler, Edward L., Waukegan, Ill. Trunk piston. 2,198,623; Apr. 30.
Kästner, Daniel, Krefeld-Uerdingen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Alpha-beta-unsaturated aliphatic amines and making them. 2,210,837; Aug. 6.
Kastner, George, deceased, by M. Kastner, administratrix, Milwaukee, Wis. Slab foundation for buildings or other structures. 2,221,193; Nov. 12.
Kastner, Mascha, administratrix. (See Kastner, George.)
Katcher, Morris, New York, N. Y. Hose coupling. 2,188,006; Jan. 23.
Katcher, Morris, New York, N. Y. Steering knuckle joint. 2,197,889; Apr. 23.
Katcher, Morris, New York, N. Y. Bearing. 2,217,801; Oct. 15.
Katcher, Morris, New York, N. Y. Thrust ball bearing. 2,219,321; Oct. 29.
Kater, Joseph A., Teaneck, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sealing of condensers and similar apparatus. 2,194,703; Mar. 26.
Kates, Franklin L., Mount Holly, N. J. Closure for collapsible tubes. 2,186,644; Jan. 9.
Kathriner, Robert E., Oakland, Calif. Signaling device. 2,188,224; Jan. 23.
Kathriner, Robert E., Oakland, Calif. Signaling device for motor vehicles. 2,210,980; Aug. 13.
Katsch, Annemarie. (See Wundt, R. M., and Katsch.)
Katsch, Annemarie, Berlin-Lichterfelde, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Electronic discharge tube. 2,189,906; Feb. 13.
Kattwinkel, Hans, Radebeul, Germany. Multiple disk friction device. 2,199,801; May 7.
Kattwinkel, Hans, Radebeul, Germany. Clutch device. 2,204,499; June 11.
Katz, Benjamin S., assignor to The Gruen Watch Company, Cincinnati, Ohio. Side wrist watch. 2,187,205; Jan. 16.
Katz, Benjamin S., assignor to The Gruen Watch Company, Cincinnati, Ohio. Watch box. 2,225,998; Dec. 24.
Katz, David W., New York, N. Y. Men's shorts. 2,191,169; Feb. 20.
Katz, Georg, Stuttgart-Feuerbach, Germany. Rubbish receptacle. 2,213,915; Sept. 3.
Katz, Jacob, Providence, R. I. Surface active anionic compounds of amino alcohols. 2,216,617; Oct. 1.
Katz, Jacob, Providence, R. I. Surface active anionic boric acid ester compounds of amino alcohols. 2,216,618; Oct. 1.
Katz, Jacob, Providence, assignor to Warwick Chemical Company, West Warwick, R. I. Fatty derivatives of alkylated amines. 2,201,041; May 14.
Katz, Jacob, Providence, assignor to Warwick Chemical Company, West Warwick, R. I. Reducing composition useful for textile printing, dyeing, and other purposes. 2,201,042; May 14.
Katz, Leo, Stuttgart, Germany, assignor, by mesne assignments, to Hotcan Corporation, Los Angeles, Calif. Container and heating means therefor. 2,212,441; Aug. 20.
Katz, Louis, Brooklyn, N. Y. Oil burner. 2,194,599; Mar. 26.
Katz, Morris, Bronx, N. Y. Ribbon. 2,197,181; Apr. 16.
Katz & Ogush, Inc. (See Radzinsky, Harry, assignor.)
Katz, Russell, Hamilton, and H. J. Waechter, Mount Healthy, assignors to P. Benninghofen and F. G. Diesbach, Hamilton, Ohio. Autographic register. 2,204,220; June 11.
Katzenstein, W. A. (See Sztranszky, Paul, assignor.)
Katzin, Martin. (See Peterson, H. O., and Katzin.)
Katzin, Martin, Riverhead, N. Y., assignor to Radio Corporation of America. Directive antenna. 2,192,532; Mar. 5.
Katzin, Martin, Riverhead, N. Y., assignor to Radio Corporation of America. Directive antenna system. 2,194,554; Mar. 26.
Katzin, Martin, Riverhead, N. Y., assignor to Radio Corporation of America. Antenna system. 2,208,810; July 23.
Katzinger, Edward, Company, The. (See (Jackson, J. G., assignor) and Kollman.)
Katzinger, Edward, Company, The. (See Jackson, Joseph G., assignor.)
Katzinger, Edward, Company, The. (See Oltman, Ray C., assignor.)
Katzinger, Edward, Company, The. (See Zimmer, Myron J., assignor.)
Katzman, Meyer, Brooklyn, N. Y. Friction clutch driving mechanism. 2,208,513; July 16.

Katzman, Morris. (See Epstein, A. K., and Katzman.)
Katzman, Morris, assignor to The Emulsol Corporation, Chicago, Ill. Nitrogenous compounds. 2,217,683; Oct. 15.
Katzman, Morris B. (See Cahn, F. J., and Katzman.)
Katzman, Morris B., assignor to The Emulsol Corporation, Chicago, Ill. Nitrogenous compounds. 2,189,664; Feb. 6.
Katzman, Morris B., and F. J. Cahn, assignors to The Emulsol Corporation, Chicago, Ill. Thickening of solutions. 2,189,803; Feb. 13.
Katzner, Fred E., Forest Hills, N. Y., assignor to The Comfy Manufacturing Co., Baltimore, Md. Bed quilt or the like and making the same. 2,217,621; Oct. 8.
Katzow, Abraham, Indianapolis, Ind. Refrigerator. 2,187,497; Jan. 16.
Kaufert, Frank H. (See Flenner, A. L., Flint, Kaufert, and Spiegler.)
Kauffman, Charles H., Danbury, assignor of one-half to J. P. Lange, Redding, Conn. Device for aiding osteopathic manipulators. 2,217,445; Oct. 8.
Kauffman, Edmund J., Girard, assignor to Valley Mould and Iron Corporation, Hubbard, Ohio. Ingot mold. 2,221,947; Nov. 19.
Kauffman, Edmund J., Girard, assignor to Valley Mould and Iron Corporation, Hubbard, Ohio. Ingot positioning mold. 2,221,948; Nov. 19.
Kauffman, Hans O., Eggertsville, assignor to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Bleaching fibers and a composition therefor. 2,189,378; Feb. 6.
Kauffmann, Hans O., Eggertsville, assignor to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Wood bleaching. 2,191,431; Feb. 20.
Kauffmann, Hans O., assignor to Buffalo Electro-Chemical Company, Inc. Hypochlorous acid solutions and making same. 2,199,936; May 7.
Kauffmann, Hans O., Eggertsville, N. Y., and H. G. Smolens, Philadelphia, Pa., assignors to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Bleaching fibers of vegetable origin. 2,220,682; Nov. 5.
Kauffman, Jesse S., assignor to General Motors Corporation, Detroit, Mich. Starting system for internal combustion engines and the like. 2,188,902; Feb. 6.
Kauffman, Milton M., Los Angeles, Calif. Electric connector and insulator attachment. 2,208,264; July 16.
Kauffman, Walter L., II, Erie, Pa. Wringer. 2,216,391; Oct. 1.
Kauffman, Walter L., II, Erie, Pa. Safety means for wringers. 2,216,392; Oct. 1.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,201,540; May 21.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,201,541; May 21.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Release device for wringers. 2,202,775; May 28.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Release device for wringers. 2,202,776; May 28.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,202,777; May 28.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,202,778; May 28.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,202,779; May 28.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Bearing for wringers and the like. 2,202,780; May 28.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,216,197; Oct. 1.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,216,198; Oct. 1.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,216,199; Oct. 1.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,216,200; Oct. 1.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Safety mechanism for wringers and the like. 2,216,393; Oct. 1.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,216,394; Oct. 1.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,216,395; Oct. 1.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer and the like. 2,216,396; Oct. 1.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,216,397; Oct. 1.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,216,398; Oct. 1.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,216,399; Oct. 1.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer and the like. 2,216,400; Oct. 1.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,216,744; Oct. 8.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Safety device for wringers. 2,216,745; Oct. 8.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,216,746; Oct. 8.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,225,499; Dec. 17.
Kaufler, Felix. (See Heckmaier, J., and Kaufler.)
Kaufler, Felix, Munich, assignor to Dr. Alexander Wacker Gesellschaft für Elektrochemisch Industrie G. m. b. H., Munich, Bavaria, Germany. Production of esters of double unsaturated alcohols. 2,215,180; Sept. 17.
Kaufman, Albert, Paris, France. Coil and condenser assembly for high frequency purposes. 2,198,437; Apr. 23.
Kaufman, Alfonse, Long Beach, assignor to Biolite Incorporated, New York, N. Y. Process and apparatus for producing indicia tubes for display devices. 2,185,733; Jan. 2.
Kaufman, Daniel L., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,191,925; Feb. 27.
Kaufman, Daniel L., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,197,582; Apr. 16.
Kaufman, Daniel L., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,199,498; May 7.
Kaufman, Gus. (See Van Gundy, M. C., Kaufman, and Hendrey.)
Kaufman, Hiram J., Detroit, Mich. Cooling and dehumidifying device. 2,203,685; June 11.
Kaufman, Hiram J., Detroit, Mich. Cooling and dehumidifying apparatus. 2,205,413; June 25.
Kaufman, Joseph, New York, N. Y. Combination window guard and box. 2,213,192; Sept. 3.
Kaufman, Leo, Brooklyn, N. Y. Railway train braking means. 2,214,465; Sept. 10.
Kaufman, Mabelle G., executrix. (See Kaufman, Tobias J.)
Kaufman, Tobias J., deceased, Chicago, Ill.; M. G. Kaufman, executrix, assignor to Eljer Company, Ford City, Pa. Ball bearing faucet. 2,201,095; May 14.
Kaufmann, Casimir. (See De Wilde, P. R., and Kaufmann.)
Kaufmann, Cecil D., Washington, D. C. Detachable mounting for watchcases. 2,191,020; Feb. 20.
Kaufmann, Cecil D., Washington, D. C. Mounting for watchcases. 2,219,277; Oct. 22.
Kaufmann Department Stores, Inc. (See Hhumm, Carl F., assignor.)
Kaufmann, Egon, Mannheim, Germany. Brake mechanism. 2,202,454; May 28.
Kaufmann, Hans, Munster, Westphalia, Germany. Making fatty acids. 2,200,279; May 14.
Kauffmann, Hans O. (See Bretschger, M. E., Kauffmann, and Gilbert.)
Kaufmann, Hans P., Munster, Germany. Composition of matter and method of preparation. 2,218,755; Oct. 22.
Kaufmann, Harold D. (See Robson, H. L., and Kaufmann.)
Kaufmann, Henry W., East Orange, N. J., assignor to Radio Corporation of America. Luminescent screen. 2,219,929; Oct. 29.
Kaufmann, Hermann. (See Buetefisch, H., Winkler, Kaufmann, and Bemmann.)
Kaufmann, Hermann. (See Herold, P., Kroenig, Kaufmann, and Donath.)
Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Heddle frame. 2,206,844; July 2.
Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Heddle frame. 2,211,271; Aug. 13.
Kaufmann, Kurt, Berlin-Waidmannslust, Germany, assignor to F. Kroch. Gumming machine. 2,218,112; Oct. 15.
Kaufmann, Marvin L., assignor to H. Lindenberger, Chicago, Ill. Door hanger and fuel charging means for rotary furnaces. 2,197,216; Apr. 16.
Kaufmann, Otto, Berlin-Steglitz, Germany, assignor to General Electric Company. Electric valve control circuit. 2,224,602; Dec. 10.
Kaupp, Josef, B. Ritzenthaler, and C. Schuster, Ludwigshafen-on-the-Rhine, and H. Hoyer, Leverkusen-I. G. Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Secondary mixed aliphatic-cyclic alcohols. 2,190,600; Feb. 13.
Kaupp, Otto H. (See Steinberg, B., and Kaupp.)
Kauppi, Toivo A. (See Bass, S. L., Kauppi, and Moyle.)
Kauppi, Toivo A. (See Bass, S. L., Kauppi, and Smith.)
Kauppi, Toivo A., K. D. Bacon, and F. B. Smith, assignors to The Dow Chemical Company, Midland, Mich. Polystyrene compositions. 2,188,903; Feb. 6.
Kauppi, Toivo A., and K. D. Bacon, assignors to The Dow Chemical Company, Midland, Mich. Polystyrene coating composition. 2,207,623; July 9.
Kauppi, Toivo A., and R. R. Bradshaw, assignors to The Dow Chemical Company, Midland, Mich. Multiply fabric article. 2,220,525; Nov. 5.
Kaura, Stanley, Fairmont, Nebr. Tire guard. 2,214,023; Sept. 10.
Kaut, Paul F., San Pedro, Calif. Anchor. 2,200,695; May 14.
Kautter, Carl T., Darmstadt, and A. R. H. Gräfe, Frankfort-on-the-Main, Germany, assignors to Röhm & Haas Company, Philadelphia, Pa. Manufacture of methacrylonitrile. 2,210,320; Aug. 6.

Kautz, Frederick, Philadelphia, Pa. Skewer. 2,210,414; Aug. 6.
Kavanagh, Charles J., London, England. Beam structure. 2,205,725; June 25.
Kavanagh, Frank W., V. N. Borsoff, and R. L. Humphreys, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded lubricant. 2,204,601; June 18.
Kavanagh, William L., New York, and M. L. Cornell, Jackson Heights, assignors to Cornell Iron Works, Inc., Long Island City, N. Y. Escalator cover. 2,188,509; Jan. 30.
Kavanaugh, Floyd J., Galveston, Tex. Shutter control for blinds. 2,209,568; July 30.
Kavanaugh, Joseph P., Seattle, Wash. Container. 2,186,111; Jan. 9.
Kawarahata, Uichi. (See Inokuchi, T., and Kawarahata.)
Kawneer Company, The. (See Peterson, Victor E., assignor.)
Kawner Company, The. (See Plym, Francis J., assignor.)
Kay, Arthur J., Glendale, Calif. Mattress. 2,217,955; Oct. 15.
Kay & Ess Chemical Corporation, The. (See Kittredge, Harvey G., assignor.)
Kay, John, La Porte, Ind. Illuminated advertising sign. 2,211,015; Aug. 13.
Kay Manufacturing Corporation. (See Krakauer, Abraham, assignor.)
Kay Manufacturing Corporation. (See Krakauer, Daniel and C. L., assignors.)
Kay, Samuel S. (See Lowd, R. T., Jr., and Kay.)
Kay, William M., Manchester, England, assignor to Driver-Harris Company, Harrison, N. J. Corrosion resistant alloys. 2,190,840; Feb. 20.
Kaye, Harold J., New York, N. Y. Selector control mechanism. 2,216,272; Oct. 1.
Kaye, Milton S., Dorchester, Mass. Ventilated cap. 2,185,670; Jan. 2.
Kaye, Nathan G., New York, N. Y. Dental appliance. 2,224,967; Dec. 17.
Kaye, Robert L., assignor to Briktex, Incorporated, Newark, N. J. Building unit. 2,224,351; Dec. 10.
Kayn, Stephen F., New York, N. Y., assignor to R. M. McFadden, Los Angeles, Calif. Curler. 2,225,454; Dec. 17.
Kayser, Julius, & Co. (See Beers, Joseph L., assignor.)
Kayser, Julius, & Company. (See Straussberger, Hans J., assignor.)
Kaysing, Ernest, assignor to Killark Electric Manufacturing Co., St. Louis, Mo. Threadless pipe connecter. 2,187,880; Jan. 23.
Kaytheon Manufacturing Company. (See Smith, Charles G., assignor.)
Kaywood Corporation. (See Sherwood, Glenn L., assignor.)
K'Burg, Robert T. (See Cass, O. W., and K'Burg.)
Keall, Frank B., Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe sewing machine. 2,197,663; Apr. 16.
Keall, Frank B., and H. Lane, Leicester, England, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for shaping uppers over lasts. 2,225,639; Dec. 24.
Keall, Oswold E., Chelmsford, England, assignor to Radio Corporation of America. Electron discharge device amplifier. 2,194,555; Mar. 26.
Keall, Oswold E., Chelmsford, England, assignor to Radio Corporation of America. Automatic frequency control circuits. 2,194,556; Mar. 26.
Keall, Oswold E., Chelmsford, England, assignor to Radio Corporation of America. Automatic frequency control circuits. 2,194,557; Mar. 26.
Keall, Oswold E., and N. M. Rust, Chelmsford, England, assignors to Radio Corporation of America. Radio receiver control circuits. 2,221,096; Nov. 12.
Keane, Arthur F., Prince George County, and H. A. Beekhuis, Jr., Petersburg, Va., assignors to The Solvay Process Company, New York, N. Y. Apparatus for reacting nitric acid and a metal chloride. 2,212,835; Aug. 27.
Keaney, Joseph C., Mount Lebanon, Pa. Appliance for use with heated hair-waving apparatus. 2,208,675; July 23.
Kear, Frank G. (See Davies, G. L., and Kear.)
Kearfott Engineering Co. (See Garabrant, Joseph E., assignor.)
Kearfott Engineering Company. (See Kraemer, Waldo L., assignor.)
Kearfott Engineering Co. (See Williams, John D., assignor.)
Kearney, Daniel P., Birmingham, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Drive gearing for engine starters. 2,218,972; Oct. 22.
Kearney, Edward J., deceased; E. M. Kearney, A. J. Pitman, and O. W. Carpenter, Jr., executors, and J. B. Armitage, Wauwatosa, assignors, to Kearney & Trecker Corporation, West Allis, Wis. Dividing head. 2,205,361; June 18.
Kearney, Ella M., et al., executors. (See Kearney, E. J., and Armitage.)
Kearney, James R., Corporation. (See Dunaway, Ulrich C., assignor.)
Kearney, James R., Corporation. (See Fox, Charles A., assignor.)
Kearney, James R., Corporation. (See Froland, Olav, assignor.)
Kearney, James R., Corporation. (See Goldner W., assignor.)
Kearney, James R., Corporation. (See Heinrich, Walter A., assignor.)
Kearney, James R., Corporation. (See Holke, Eugene E., assignor.)
Kearney, James R., Corporation. (See Mebold, Frederick W., assignor.)
Kearney, James R., Corporation. (See Tallman, Oscar F., assignor.)
Kearney, James R., Corporation. (See Tipsord, Melvin T., assignor.)
Kearney & Trecker Corporation. (See Armitage, Joseph B., assignor.)
Kearney & Trecker Corporation. (See Eserkaln, T. F., and Grobe, assignors.)
Kearney & Trecker Corporation. (See Kearney, E. J., and Armitage, assignors.)
Kearney & Trecker Corporation. (See Parsons, Fred A., assignor.)
Kearney & Trecker Corporation. (See Pohl, W. M., and Armitage, assignors.)
Kearns, Bernard A. (See Binns, G. W., and Kearns.)
Kearsley, William K., Schenectady, N. Y., assignor to General Electric Company. Electrically heated blanket. 2,195,958; Apr. 2.
Kearsley, William K., Schenectady, N. Y., assignor to General Electric Company. X-ray apparatus. 2,217,483; Oct. 8.
Keating, Harry M., assignor to Smith Paper, Inc., Lee, Mass. Jordan filling. 2,197,182; Apr. 16.
Keating, Herbert S., North Plainfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Core covering apparatus. 2,200,955; May 14.
Keating, Walter R., assignor to The Celotex Corporation, Chicago, Ill. Wall construction. 2,216,948; Oct. 8.
Keaton, Clyde D., New York, N. Y., assignor to S. S. Tumbridge, Englewood, N. J. Coffee maker. 2,212,100; Aug. 20.
Keator, Edward O., Dayton, Ohio. Shifting and skidding device for use with hoisting jacks and using it. 2,191,279; Feb. 20.
Keats, Harold B., assignor of one-half to F. G. Girdlestone, Vancouver, British Columbia, Canada. Automatic latch with push-button release. 2,188,642; Jan. 30.
Keats, John L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of rutile pigments. 2,193,559; Mar. 12.
Kebelman, Frank L., Rockville Centre, assignor to Otis Elevator Company, New York, N. Y. Elevator system. 2,185,748; Jan. 2.
Keck, Karl, Goppingen, assignor to L. Schuler, A.-G., Goppingen (Wurttemberg), Germany. Friction clutch and brake. 2,193,068; Mar. 12.
Keck, Paul H., assignor to L. Monninger, and R. Wasserman, Chicago, Ill. Counterpressure valve for liquids. 2,225,056; Dec. 17.
Kee, Charles L., Portsmouth, Va., assignor to William H. Finckel, Jr., Trustee, Washington, D. C. Range-finding and projectile-releasing means for aircraft. 2,206,777; July 2.
Keefer, Elsie. (See Wynings, Royal W., assignor.)
Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,205,414; June 25
Keegin, Curtis W., Grosse Pointe, assignor of one-half to J. H. Gould, Detroit, Mich. Alarm. 2,197,411; Apr. 16.
Keegin, Curtis W., Grosse Pointe, assignor of one-half to J. H. Gould, Detroit, Mich. Alarm. 2,197,412; Apr. 16.
Keehn, William R., Marysville, and J. A. Doerfer, Bellingham, Wash. Automatic gaff hook. 2,191,170; Feb. 20.
Keele, Ralph M., assignor to Keelmo Co., San Francisco, Calif. Apparatus for permanently waving hair. 2,187,473; Jan. 16.
Keele, Ralph M., assignor to Keelmo Co., San Francisco, Calif. Apparatus for hair waving. 2,187,474; Jan. 16.
Keeler, Earl A., Norristown, assignor to The Brown Instrument Company, Philadelphia, Pa. Indicating defects in threads. 2,188,754; Jan. 30.
Keeler, Frank, Pasadena, Calif. Putty knife. 2,213,071; Aug. 27.
Keeler, Raymond W., Galion, Ohio, assignor to The Galion Iron Works & Manufacturing Company. Road roller. 2,197,183; Apr. 16.
Keeler, Raymond W., Galion, Ohio, assignor to The Galion Iron Works & Manufacturing Company. Trench roller. 2,197,395; Apr. 16.
Keeley, John F. (See Buckley, Arthur H., assignor.)
Keelmo Co. (See Keele, Ralph M., assignor.)
Keely, Clifford D., Bloomfield, and O. H. Schwanemann, Jr., Newark; said Schwanemann, assignor to G. Bartels, Jr., Teaneck, N. J. Football game. 2,205,415; June 25.
Keen, Everett M., Vineland, N. J. Heating device for water fountains. 2,201,901; May 21.
Keen, Harold Hall, and J. Woodhead, Letchworth, England, assignors to International Business Machines Corporation, New York, N. Y. Sheet feeding device. 2,192,610; Mar. 5.

Keen, Thomas A. (See Hirschler, H. L., Crooks, and Richter, assignors.)
Keen, Thomas A., San Mateo, Calif., assignor to H. M. Smith, River Forest, Ill. Starting box. 2,200,504; May 14.
Keen, Thomas A., San Mateo, Calif., assignor to H. M. Smith, River Forest, Ill. Annunciator. 2,203,630; June 4.
Keen, William. (See Gibson, O. E., and Keen.)
Keen, William R. (See Conrad, J. E., and Keen.)
Keen, Willie A., Goldfield, Iowa. Safety fuse device. 2,186,112; Jan. 9.
Keenan, John A. (See White, H. L., and Keenan.)
Keener, Howard N., Baden, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Well casing. 2,190,362; Feb. 13.
Keener, Jacob, Chicago, Ill. Infant's hand guard. 2,188,787; Jan. 30.
Keep, Otto A., Harborcreek, and J. C. Aydelott, Erie, Pa., assignors to General Electric Company. System of control. 2,213,089; Aug. 27.
Keese, Beverly W., Oshkosh, Wis., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Power dividing and transmitting mechanism. 2,203,282; June 4.
Keese, Beverly W., Oshkosh, Wis., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Steering drive axle. 2,212,193; Aug. 20.
Keeshin Motor Express Co. (See Fraser, Edwin J., assignor.)
Keeton, Cecil G., deceased, by L. Keeton, administratrix, Independence, Mo., assignor to Danciger Oil and Refineries, Inc., Tulsa, Okla. Packing and storing carbon black. 2,194,392; Mar. 19.
Keeton, Cecil G., deceased, by L. Keeton, administratrix, Independence, Mo., assignor to Danciger Oil and Refineries, Inc., Tulsa, Okla. Apparatus for producing carbon black. 2,212,501; Aug. 27.
Keeton, Lillian, administratrix. (See Keeton, Cecil G.)
Keevil, Henry W. (See Barnes, W. C., and Keevil.)
Keevil, Henry W., Highland Park, Ill. Flaw detecting apparatus. 2,223,371; Dec. 3.
Kégresse, Adolphe, Paris, France. Clutch with hydraulically compressed disks. 2,199,523; May 7.
Kehl, Robert J., Manhasset, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Cleaning device for hopper outlets. 2,187,587; Jan. 16.
Kehl, Robert J., Bayside, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Gas burner. 2,191,077; Feb. 20.
Kehl, Robert J., Manhasset, N. Y., assignor to The Linde Air Products Company. Blowpipe. 2,191,078; Feb. 20.
Kehl, Robert J., Manhasset, N. Y., and R. C. Pierson, Indianapolis, Ind., assignors to Oxweld Acetylene Company. Acetylene generator. 2,214,834; Sept. 17.
Kehle, Ottmar A., assignor to Sterling Products Company, Detroit, Mich. Oiler for air tools. 2,187,241; Jan. 16.
Kehle, Ottmar A., West Los Angeles, assignor to Sterling Products Company, Los Angeles, Calif. Filter. 2,204,417; June 11.
Kehler, Karl, assignor to the firm Hoerbiger & Co., Vienna, Austria. Automatic annular valve. 2,186,489; Jan. 9.
Kehm, Clarence H., Chicago, Ill. Pilot light. 2,196,501; Apr. 9.
Kehm, Clarence H., Chicago, Ill. Radio autograph. 2,205,531; June 25.
Kehm, Horace S. (See Newton, Courtland G., assignor.)
Keihl, Ernest F. W., Jr., assignor of one-half to L. J. Kinietz, Medina, N. Y. Bale tie. 2,223,109; Nov. 26.
Keil, Alvin R., Rochester, N. Y. Carburizing compound. 2,210,622; Aug. 6.
Keil, Francis, & Son, Inc. (See Brantingson, Sigurd, assignor.)
Keil, Gustav B., St. Joseph, Mich., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Ironing machine. 2,200,748; May 14.
Keil, Henry P. (See Marchev, A., and Keil.)
Keilholtz, Lester S., Highland Park, Mich. Apparatus for air conditioning. 2,210,458; Aug. 6.
Keiper, Francis P., Philadelphia, Pa., assignor to General Motors Corporation, Dayton, Ohio. Ice tray. 2,187,083; Jan. 16.
Keiper, Francis P., Philadelphia, Pa., assignor to General Motors Corporation, Dayton, Ohio. Ice tray. 2,190,502; Feb. 13.
Keiper, Francis P., Philadelphia, Pa., assignor to General Motors Corporation, Dayton, Ohio. Ice tray. 2,201,585; May 21.
Keiper, Francis P., Philadelphia, Pa., assignor to General Motors Corporation, Dayton, Ohio. Ice tray. 2,201,586; May 21.
Keiser, Bernhard. (See De Groote, M., and Keiser.)
Keiser, Bernhard. (See De Groote, M., Keiser, and Blair.)
Keiser, Bernhard. (See De Groote, M., Keiser, and Wirtel.)
Keiser, Isabel. (See Langbart, Reginald V., assignor.)
Keith, Clyde R., Maplewood, N. J., assignor to Electrical Research Products, Inc., New York, N. Y. Recording system. 2,197,342; Apr. 16.
Keith, Geo. E., Company. (See Thompson, Martin D., assignor.)
Keith, Henry C., Markham, assignor of forty-nine per cent to R. M. Keith, Bay City, Tex. Dump trailer. 2,225,522; Dec. 17.
Keith, Kenneth M., assignor to Minneapolis, Moline Power Implement Company, Minneapolis, Minn. Combine adjustment mechanism. 2,226,563; Dec. 31.
Keith, Laurence P., Chicago, Ill., assignor to Timber Engineering Co., Washington, D. C. Billboard or poster panel. 2,211,697; Aug. 13.
Keith, Mildred C., Kenmore, N. Y. Supporting and reducing device. 2,210,244; Aug. 6.
Keith, Percival C., Jr. (See Roberts, G., Jr., Wilson, and Keith.)
Keith, Percival C., Jr., Peapack, N. J., assignor to Process Management Company, Inc., New York, N. Y. Manufacture of gasolinelike hydrocarbons. 2,189,265; Feb. 6.
Keith, Percival C., Jr., Peapack, N. J., and J. K. Roberts, Flossmoor, assignors of one-half to Standard Oil Company, Chicago, Ill., and one-half to Gasoline Products Company, Inc., Jersey City, N. J. Cracking of hydrocarbon oils. 2,185,200; Jan. 2.
Keith, Percival C., Jr., Peapack, and H. M. Nelly, Jr., assignors to The M. W. Kellogg Company, Jersey City, N. J. Recovering gasoline from gases. 2,224,227; Dec. 10.
Keith, Percy A., Newington, Conn. Combination doorknob. 2,201,494; May 21.
Keith, Percy C., Jr. (See Livingston, M. J., Forrest, and Keith.)
Keith, Percy C., Jr., Peapack, N. J., assignor, by mesne assignments, to Gasoline Products Company, Inc. Cracking oils in vapor phase. 2,210,549; Aug. 6.
Keith, Rufus M. (See Keith, Henry C., assignor.)
Kelch Heater Company. (See Caldwell, Stuart H., assignor.)
Kelco Company. (See Wilt, Vernon K., assignor.)
Kelite Products, Inc. (See Walker, Ralph G., assignor.)
Kell, Raymond W., Charleroi, Pa., assignor to Corning Glass Works, Corning, N. Y. Method and apparatus for making hollow glass blocks. 2,194,755; Mar. 26.
Kell, Raymond W., Charleroi, Pa., assignor to Corning Glass Works, Corning, N. Y. Hollow glass article. 2,194,756; Mar. 26.
Kellems, Edgar E., Eugene, Oreg. Deformation control for resilient bodies and the like. 2,189,987; Feb. 13.
Kellems, Edgar E., and H. M. Dudek, Eugene, Oreg. Lathe. 2,194,393; Mar. 19.
Keller, Andrew, Jamaica, assignor to Cooper Tea Packet Co., Brooklyn, N. Y. Delivery mechanism for tea-bag closing machines. 2,224,021; Dec. 3.
Keller, Arthur M. (See Bucknam, J. H., Miller, and Keller.)
Keller, August, Dearborn, assignor to Motor State Products Company, Ypsilanti, Mich. Collapsible top. 2,213,222; Sept. 3.
Keller, Cecil F. (See Simons, E. W., and Keller.)
Keller, Clarence J., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Making tubular inserts. 2,216,201; Oct. 1.
Keller, Clifton A., and W. R. Doyle, Louisville, Ky. Adjustable sign holder. 2,214,302; Sept. 10.
Keller, Curt, assignor to Aktiengesellschaft für Technische Studien, Zurich, Switzerland. Regulating and starting thermal power plants. 2,203,731; June 11.
Keller, Curt, assignor to Aktiengesellschaft für Technische Studien, Zurich, Switzerland. Temperature control for tubular gas heaters. 2,224,544; Dec. 10.
Keller, Edwin W., Allentown, Pa. Liquid polishing composition. 2,196,992; Apr. 16.
Keller, Emil. (See Bosbach, P., and Keller.)
Keller, Ernst R., Springfield, Mass., assignor to Dartmouth Co-Operative Society, Inc., Hanover, N. H. Skibinding device. 2,199,937; May 7.
Keller, Ernst R., assignor to Universal Tool Company, Springfield, Mass. Tensioning device. 2,207,986; July 16.
Keller, Georg, Nuremberg, Germany. Interchangeable pencil. 2,209,569; July 30.
Keller, George M., Rochester, assignor to R. Hoe & Co., Inc., New York, N. Y. Inking a printing form. 2,185,342; Jan. 2.
Keller, George M., Rochester, and A. M. Zuckerman, assignors to R. Hoe & Co., Inc., New York, N. Y. Printing machine. 2,205,980; June 25.
Keller, Henry V. (See Tonn, Christ, assignor.)
Keller, Henry V., Minneapolis, Minn. Ironing table. 2,187,607; Jan. 16.
Keller, John D. (See Wean, R. J., and Keller.)
Keller, John D., Pittsburgh, Pa., assignor to The Wean Engineering Company, Inc., Warren, Ohio. Method and apparatus for annealing strip. 2,218,354; Oct. 15.
Keller, Karl. (See Zerweck, W., and Keller.)
Keller, Karl, and E. Korten, Frankfort-on-the-Main-Fechenheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing N-substitution products of melamine. 2,222,350; Nov. 19.
Keller & Knappich G. m. b. H. (See Gladitz, Walter J., assignor.)
Keller, Merlin O. (See Heath, S. B., and Keller.)
Keller, Nellie G. and W. J., St. Louis, Mo. Decorative object. 2,221,194; Nov. 12.
Keller, Parry, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Fabric-applying apparatus. 2,193,728; Mar. 12.
Keller Printing Company. (See Schlegelmilch, William M., assignor.)

Keller, Rex E., Beverly Hills, Calif. Automatic transmission. 2,225,174; Dec. 17.
Keller, Roy E., Arlington, Va. Amusement device. 2,202,738; May 28.
Keller, William H., Inc. (See Shaff, Ernest H., assignor.)
Keller, William J. (See Keller, Nellie G. and W. J.)
Keller, William L., Washington, D. C. Vehicle signal device. 2,199.136; Apr. 30.
Kellermann, Felix, Bronx, N. Y. Washing machine. 2,192,315; Mar. 5.
Kellermann, Felix, Bronx, N. Y. Washing machine. 2,192,316; Mar. 5.
Kellermann, Felix, Bronx, N. Y. Washing machine. 2,192,317; Mar. 5.
Kellett Autogiro Corporation. (See Du Pont, Mark S., assignor.)
Kellett, William R., Menasha, and H. M. Ostertag, assignors to Paper Patents Company, Neenah, Wis. Paper making machine. 2,225,435; Dec. 17.
Kelley, Alvie E., Washington, Pa. Lathe for turning special shapes. 2,192,267; Mar. 5.
Kelley, Arthur L., Fresnillo, Mexico. Car load counter. 2,222,104; Nov. 19.
Kelley, Elmer E., Windsor, Vt. Machine tool. 2,201,182; May 21.
Kelley, Elmer E., Windsor, Vt. Machine tool. 2,201,183; May 21.
Kelley-Koett Manufacturing Company, The. (See Haupt, Walter H., assignor.)
Kelley-Koett Manufacturing Company, The. (See Haupt, W. H., Ware, and Tietig, assignors.)
Kelley-Koett Manufacturing Company, The. (See Lee, William M., assignor.)
Kelley, Myron T. (See Martin, F. S., and Kelley.)
Kelley, Oliver K., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Fluid flywheel gearing arrangement. 2,211,233; Aug. 13.
Kelley, Stephen J., Passaic, N. J., assignor of one-half to Armstrong Cork Company, Lancaster, Pa. Insulation board and making the same. 2,213,249; Sept. 3.
Kelley, Walter F., Whitestone, assignor to Remington Rand Inc., Buffalo, N. Y. Statistical card punch. 2,203,355; June 4.
Kelley, William A., Milwaukee, Wis. Apparatus for beating fibrous stock. 2,214,080; Sept. 10.
Kellgren, Waldo, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Making pressure-sensitive adhesive sheets. 2,206,899; July 9.
Kelling, Alfred H., Oak Park, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Cattle feed and making same. 2,192,611; Mar. 5.
Kellner, Oskar, Augsburg, Germany. Filter holding box. 2,218,884; Oct. 22.
Kellogg, Baucus C., Evanston, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Wall paper. 2,220,571; Nov. 5.
Kellogg Company. (See Foster, R. F., and Poole, assignors.)
Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Damping system. 2,190,318; Feb. 13.
Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Signal translating apparatus. 2,197,050; Apr. 16.
Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Motion picture printer. 2,200,086; May 7.
Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Recording and reproduction of electrical impulses. 2,206,963; July 9.
Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Sound collecting system. 2,210,415; Aug. 6.
Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Sound collecting system. 2,216,949; Oct. 8.
Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Phonographic apparatus. 2,219,930; Oct. 29.
Kellogg, Edward W., Moorestown, N. J., and D. O. Landis, Upper Darby, Pa., assignors to Radio Corporation of America. Device for viewing photographic film. 2,185,252; Jan. 2.
Kellogg, Helen L. (See Kellogg, John L., assignor.)
Kellogg, Homer G., assignor to Motor Products Corporation, Detroit, Mich. Rolling machine. 2,190,429; Feb. 13.
Kellogg, Jesse J. (See Mertes, E. P., Kellogg, and Fickenwirth.)
Kellogg, John L., Chicago, Ill. Bag closure device. 2,220,409; Nov. 5.
Kellogg, John L., assignor, by mesne assignments, to H. L. Kellogg, Chicago, Ill. Candy coating cereal product and the like. 2,196,395; Apr. 9.
Kellogg, Josephine, et al. (See Burrows, William E., assignor.)
Kellogg, M. W., Co., The. (See Chute, S. J., and Wilson, assignors.)
Kellogg, M. W., Co., The. (See Hopkins, Robert K., assignor.)
Kellogg, M. W., Co., The. (See Hopkins, R. K., and Blumberg, assignors.)
Kellogg, M. W., Company, The. (See Keith, P. C., Jr., and Nelly, assignors.)
Kellogg, M. W., Company, The. (See Marshall, Walton H., Jr., assignor.)
Kellogg, M. W., Co. (See McNutt, Louis C., assignor.)
Kellogg, M. W., Company, The. (See Riblett, Earl W., assignor.)
Kellogg, M. W., Company, The. (See Roberts, George, Jr., assignor.)
Kellogg, M. W., Company, The. (See Roberts, G., Jr., Wilson, and Keith, assignors.)
Kellogg, M. W., Co., The. (See Rossheim, David B., assignor.)
Kellogg, M. W., Company, The. (See Wilson, D. W., and Chute, assignors.)
Kellogg, Phelps A., Alden, Iowa. Stock feeder. 2,221,974; Nov. 19.
Kellogg, Spencer, and Sons, Inc. (See Schwarcman, Alexander, assignor.)
Kellogg Switchboard and Supply Company. (See Eaton, George R., assignor.)
Kellogg Switchboard and Supply Company. (See Kiner, Glenn, assignor.)
Kellogg Switchboard and Supply Company. (See Robison, Daniel B., assignor.)
Kellogg Switchboard and Supply Company. (See Shaver, John, assignor.)
Kellogg Switchboard and Supply Company. (See Wallace, Bert A., assignor.)
Kellogg, Walter J., et al. (See Lay, Roy L., assignor.)
Kellogg, William D., and J. Fradenburgh, assignors to Collins Loom Works, Inc., Amsterdam, N. Y. Knitting machine. 2,224,304; Dec. 10.
Kells, Benjamin F., Cincinnati, Ohio, assignor to Container Corporation of America, Chicago, Ill. Container. 2,196,502; Apr. 9.
Kelly, Anthony H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus and method. 2,214,698; Sept. 10.
Kelly, Bliss, Oklahoma City, Okla. Ash tray. 2,221,300; Nov. 12.
Kelly-Creswell Company. (See Creswell, P. H., and Kelly.)
Kelly, Daniel A., Milwaukee, Wis. Electric circuit interruption. 2,205,655; June 25.
Kelly, Daniel J. (See Kelly, John W., and D. J.)
Kelly, Frank M., Cincinnati, Ohio. Shipping package. 2,203,199; June 4.
Kelly, James M., Trafford, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical contact member. 2,186,245; Jan. 9.
Kelly, James M., Trafford, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical contact member. 2,200,087; May 7.
Kelly, James M., Trafford, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical contact member. 2,200,088; May 7.
Kelly, James M., Trafford, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper alloy. 2,210,670; Aug. 6.
Kelly, James M., Trafford, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper base alloy. 2,210,671; Aug. 6.
Kelly, James M., Trafford, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper base alloy. 2,210,672; Aug. 6.
Kelly, James M., Trafford, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper base alloy. 2,210,673; Aug. 6.
Kelly, John L., New York, N. Y. Dental instrument. 2,211,952; Aug. 20.
Kelly, John W. (See Ledwinka, J., and Kelly.)
Kelly, John W., and D. J. Kelly, Leominster, assignors to Activated Process Corporation, Leominster, Mass. Plastic process for making printing plates. 2,227,139; Dec. 31.
Kelly, Joseph E., Atlanta, Ga., and W. V. Kelly, Birmingham, Ala. Ice manufacture. 2,194,600; Mar. 26.
Kelly, Patrick H., Anatone, assignor of one-half to C. L. Benedict, Anatone, Wash. Calf weaner. 2,212,160; Aug. 20.
Kelly Pipe Company. (See Ulrich, Charlie E., assignor.)
Kelly, Robert A., et al. (See Creswell, P. H., and Kelly.)
Kelly, Sherman L., assignor to Kelly-Wheaton Company, Toledo, Ohio. Service portion gatherer. 2,210,623; Aug. 6.
Kelly-Wheaton Company. (See Kelly, Sherman L., assignor.)
Kelly, William H., Denver, Colo. Airplane propeller. 2,213,497; Sept. 3.
Kelly, William M., Westfield, N. J. Printing press. 2,218,151; Oct. 15.
Kelly, William V. (See Kelly, Joseph E. and W. V.)
Kelly, William W., Cleveland, Ohio, and R. P. Tolle, Detroit, Mich. Treating peanuts. 2,218,713; Oct. 22.
Kelly, Winton J. (See Grannan, W. D., and Kelly.)
Kelman, David J., New York, N. Y. Ornamental article and making same. 2,197,615; Apr. 16.
Kelmenite Corporation. (See Menke, Edward W., assignor.)
Kelpsh, Andrew E., Miami Beach, Fla. Sewer cleaner. 2,198,823; Apr. 30.
Kelpsch, Edmund V., Houma, La. Shaft coupling. 2,210,811; Aug. 6.

Kelsall, George A., Belleville, N. J., and E. A. Nesbitt, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Permanent magnet alloy. 2,190,667; Feb. 20.
Kelsen, Augie J., assignor of one-third to J. Gibson, Detroit, and one-third to W. A. Mitchell, Grosse Pointe, Mich. Molding and means for attaching same. 2,196,417; Apr. 9.
Kelsey, Cadwallader W., Troy, N. Y. Agricultural implement. 2,199,954; May 7.
Kelsey-Hayes Wheel Company. (See Ash, Charles S., assignor.)
Kelsey-Hayes Wheel Company. (See Baisch, Carl F., assignor.)
Kelsey-Hayes Wheel Company. (See Le Jeune, Frank H., assignor.)
Kelsey-Hayes Wheel Company. (See Main, Frank L., assignor.)
Kelsey-Hayes Wheel Company. (See Pattison, James W., assignor.)
Kelsey-Hayes Wheel Company. (See Sawtelle, Charles A., assignor.)
Kelsey-Hayes Wheel Company. (See Whitten, Owen M., assignor.)
Kelsey, William A., Minneapolis, Minn. Measuring instrument. 2,225,500; Dec. 17.
Kelso, George. (See Houdry, E. J., Lassiat, and Kelso.)
Kelso, John W., East McKeesport, Pa., assignor to National Tube Company. Piercer point. 2,212,690; Aug. 27.
Kelso, Nyla Q., assignor of one-half to E. Dugas and one-half to A. H. McClulloch, Dallas, Tex. Combination folding step ladder and stool. 2,207,923; July 16.
Kelso, Ralph S., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Blind stitch sewing machine. 2,195,700; Apr. 2.
Keltie, George R., assignor to American Wringer Company, Woonsocket, R. I. Squeeze roll assembly. 2,200,176; May 7.
Keltner, Amos L., Hutchinson, Kans. Evaporation plant. 2,223,488; Dec. 3.
Kelton, Walter, and J. W. Fischer, Seattle, Wash.; said Fischer assignor to said Kelton. Crutch splint. 2,187,323; Jan. 16.
Kemen, Frank A. (See Dourson, L. F., and Kemen.)
Kemet Laboratories Company. (See Holladay, James A., assignor.)
Kemet Laboratories Company. (See Swinden, Thomas, assignor.)
Kemmer, Frank R., Larchmont, N. Y. Manufacture of Governor Company, Anderson, Ind. Governor mechanism. 2,216,240; Oct. 1.
Kemmer, Paul H., Fairfield, Ohio. Balance wrapper for ailerons. 2,220,907; Nov. 12.
Kemmerer, Ralph R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,215,904; Sept. 24.
Kemmerer, Ralph R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for controlling highway crossing signals. 2,224,395; Dec. 10.
Kemmerer, Ralph R., Swissvale, Pa., and H. N. Dixon, Hamlet, N. C., assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,219,901; Oct. 29.
Kemmerer, Ralph R., Swissvale, and C. W. Failor, Forest Hills, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,225,118; Dec. 17.
Kemp, C. M., Manufacturing Company, The. (See Hanson, Hartwig M., assignor.)
Kemp, Harold J., Swift Current, Saskatchewan, assignor to Western Steel Products Limited, St. Boniface, Manitoba, Canada. Tilting seed grain dusting machine. 2,207,924; July 16.
Kemp, Melvin L., Blandford, Mass. Paper manufacture. 2,215,328; Sept. 17.
Kemp, Paul, Vienna, Germany. Separation of the constituents of alloys or mixtures of metals and/or elements similar to metals. 2,207,461; July 9.
Kemp, Paul, Vienna, Germany. Alloy suitable for use as bearing metals. 2,212,178; Aug. 20.
Kemp, Robert S., Alhambra, Calif. Flexible lens shade. 2,197,184; Apr. 16.
Kemp, Roland J., Chelmsford, England, assignor to Radio Corporation of America. Television picture reproducing apparatus. 2,200,749; May 14.
Kemp, William E., Orlando, Fla., assignor to Pierce magnesium and other metals. 2,208,586; July 23.
Kempe, Irwin T., Longparish, Andover, England. Cable layer. 2,203,435; June 4.
Kempe, Irwin T., Longparish, Andover, England. Cable layer and recovery apparatus. 2,223,110; Nov. 26.
Kempe, John G., assignor to Kleen-Kap Corporation, Oneida, N. Y. Bottle cap. 2,195,379; Mar. 26.
Kempe, John G., assignor to Smith-Lee Co., Inc., Oneida, N. Y. Bottle cap and making the same. 2,223,321; Nov. 26.
Kempel, Arthur B., assignor to Rex-Hide, Incorporated, East Brady, Pa. Friction element. 2,218,680; Oct. 22.
Kemper, Harry C. (See Groene, W. F., and Kemper.)
Kemper, Harry C. (See Groene, W. F., Kemper, and Darby.)
Kemper, Merle E., Kansas City, Mo. Tie for concrete forms. 2,195,928; Apr. 2.
Kempf, Elmer, Cleveland, Ohio. Drier. 2,221,351; Nov. 12.
Kempf, Herman H., Brooklyn, and C. L. Woody, Port Jefferson, N. Y. Safety razor. 2,204,680; June 18.
Kempf, William C. (See Geiger, C. F., Clapp, and Kempf.)
Kempler, Arthur E. (See Wilhelm, D. M., and Kempler.)
Kempson, Bertram C., assignor to Aircraft Components Limited, Cheltenham, England. Remote control. 2,226,821; Dec. 31.
Kemptner, Frank. (See Pica, Daniel.)
Kempton, Herbert E., assignor to Tuthill Pump Company, Chicago, Ill. Pump structure. 2,226,285; Dec. 24.
Kempton, Leslie A. (See Randolph, C. P., and Kempton.)
Kenan, Wilder, San Antonio, Tex. Bridge construction. 2,221,919; Nov. 19.
Kendall, Carl W., Moorestown, N. J. Mixing machine. 2,203,356; June 4.
Kendall Company, The. (See Reed, Raymond E., assignor.)
Kendall Company, The. (See Ziegler, P. F., and Hoeglund, assignors.)
Kendall, Genevieve A. (See Kendall, Ira H., assignor.)
Kende, George, New York, N. Y., and O. K. Cazin, Hoboken, N. J., assignors to Universal Camera Corporation, New York, N. Y. Camera. 2,218,915; Oct. 22.
Kendall, George A., Detroit, Mich. Trailer connection. 2,205,656; June 25.
Kendall, Ira H., Potsdam, N. Y. Machine for washing milk cans. 2,189,176; Feb. 6.
Kendall, Ira H., assignor to G. A. Kendall, Potsdam, N. Y. Machine for washing milk bottle cases. 2,207,697; July 16.
Kendall, John D., Ilford, assignor to Ilford Limited, Ilford, Essex, England. Stabilization of photographic emulsions. 2,195,150; Mar. 26.
Kendall, John D., and R. B. Collins, Ilford, assignors to Ilford Limited, Ilford, Essex, England. Production of colored photographic images. 2,213,986; Sept. 10.
Kendall, John D., and R. B. Collins, Ilford, assignors to Ilford Limited, Ilford, Essex, England. Production of colored photographic images by color development. 2,220,908; Nov. 12.
Kendall, Lee, Evanston, Ill. Inner tube repairing device. 2,193,514; Mar. 12.
Kendall, Leonard B., North Little Rock, Ark. Meter reading instrument. 2,192,791; Mar. 5.
Kendall, Marcus T. (See Ryan, W. J., and Kendall.)
Kende, George. (See Githens, O. W., Kende, and Porter.)
Kende, George, assignor to Universal Camera Corporation, New York, N. Y. Camera. 2,208,797; July 23.
Kende, George, assignor to Universal Camera Corporation, New York, N. Y. Governor. 2,211,466; Aug. 13.
Kende, George, assignor, by mesne assignments, to Universal Camera Corporation, New York, N. Y. Camera shutter and means for actuating the same. 2,226,245; Dec. 24.
Kendrick, Arthur B., East Orange, N. J., assignor to James R. Kendrick Co., Inc., Philadelphia, Pa. Elastic fabric. 2,186,531; Jan. 9.
Kendrick, James R., Co. (See Kendrick, Arthur B., assignor.)
Kendrick, Kenneth K., et al. (See Wright, Charles G., assignor.)
Kendrick, Laurence W., Wellesley, Mass., assignor to The Carter's Ink Company, Cambridge, Mass. Inkstand. 2,227,091; Dec. 31.
Kengel, Herbert J., Detroit, Mich. Assembly bolt nut cage. 2,218,823; Oct. 22.
Kenmore Machine Products, Inc. (See Smith, George W. and J. A., assignors.)
Kennard, Harry M., assignor of one-fourth to C. L. Colbert, Santa Barbara, Calif. Coffee maker of the vacuum type. 2,212,320; Aug. 20.
Kennecott Wire and Cable Company. (See Moss, John B., assignor.)
Kennecott Wire and Cable Company. (See Young, Bernhard K., Jr., assignor.)
Kennedy, Albert C., Malvern, Ark. Aggregate moisture eliminator. 2,199,884; May 7.
Kennedy, Albert C., assignor of one-half to J. C. Kennedy, Long Beach, Calif. Roller bearing drawer and guide. 2,202,209; May 28.
Kennedy, Benjamin H., Pittsford, N. Y. Infant's bathing device. 2,203,222; June 4.
Kennedy, Chester C., and C. R. Russell, assignors to The Dow Chemical Company, Midland, Mich. Treatment of butane with chlorine. 2,224,155; Dec. 10.
Kennedy, Clarence C. (See Luce, W. F., and Kennedy.)
Kennedy, Dewey M., Rochester, N. Y. Picture projection screen. 2,202,988; June 4.
Kennedy, Dewey M., Rochester, N. Y. Infant's bathing device. 2,203,223; June 4.
Kennedy, Edward C., Bronx, assignor to Vawne Foundations, Inc., New York, N. Y. Garment and making the same. 2,224,871; Dec. 17.
Kennedy, Francis C. (See Castricum, M., and Kennedy.)
Kennedy, George H., New Kensington, Pa. Cigarette. 2,226,473; Dec. 24.
Kennedy, George W., Philadelphia, Pa. Ice cream cone and making. 2,200,956; May 14.
Kennedy, Harry E., Berkeley, Calif., assignor to The Linde Air Products Company. Fluid-pressure actuated welding apparatus. 2,190,927; Feb. 20.

Kennedy, Harvey T., Oakmont, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Sealing pervious strata in oil or gas wells. 2,223,804; Dec. 3.
Kennedy, James F., Hartford, Conn. Fastener. 2,192.643; Mar. 5.
Kennedy, James H., Lansdowne, and R. F. Ballard, Chester, assignors to Morgan Concentrating Corporation, Philadelphia, Pa. Disintegrating apparatus. 2,211,570; Aug. 13.
Kennedy, Janice C. (See Kennedy, Albert C., assignor.)
Kennedy, John A., Saco, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Spindle structure for spinning and twister frames. 2,222,483; Nov. 19.
Kennedy, John F., East Cleveland, assignor of thirty-three and one-third per cent to F. Minardi and thirty-three and one-third per cent to J. F. Buluckian, Cleveland, Ohio. Steering wheel instrument panel. 2,202,781; May 28.
Kennedy, Joseph E., assignor to Kennedy-Van Saun Mfg. & Eng. Corporation, New York, N. Y. Tube and the like mill. 2,218,580; Oct. 22.
Kennedy, Joseph E., assignor to Kennedy-Van Saun Mfg. & Eng. Corporation, New York, N. Y. Gyratory crusher. 2,208,639; July 23.
Kennedy, Margaret H. (See Stokes, W. E., and Kennedy.)
Kennedy, Reeves L. (See Spitzli, D. H., and Kennedy.)
Kennedy, Robert C., Oakland, Calif. Reinforcing concrete. 2,185,749; Jan. 2.
Kennedy, Samuel H., Knoxville, Tenn. Combined plow and harrow. 2,218,885; Oct. 22.
Kennedy-Van Saun Mfg. & Eng. Corporation. (See Kennedy, Joseph E., assignor.)
Kennedy-Van Saun Mfg. & Eng. Corporation. (See Niemitz, Gerhard, assignor.)
Kennedy, William L., Yeadon, Pa. Refillable book. 2,224,188; Dec. 10.
Kennedy, Woodford A., Charlotte, N. C. Counting mechanism. 2,211,272; Aug. 13.
Kennedy, Woodford A., and E. R. Carpenter, Charlotte, N. C. Resetter for counters. 2,224,396; Dec. 10.
Kennelly, Jeremiah D., Oak Park, Ill. Signal lamp. 2,221,483; Nov. 12.
Kenner, Walter T., Sr., and R. G. Bush, Dalton, and O. R. Strain, Hill City, Ga. Tufting attachment for sewing machines. 2,214,767; Sept. 17.
Kennerly Dress, Inc. (See Veccia, James, assignor.)
Kenney, Clarence E., Sussex, Wis. Torque balancing mechanism. 2,216,013; Sept. 24.
Kenney, James T., Antioch, Calif. Wallboard. 2,200,750; May 14.
Kenney, Mahlon W., River Forest, Ill. Selectively operable mechanism. 2,219,687; Oct. 29.
Kenney, Mahlon W., Oak Park, and A. A. Gedde, Chicago, Ill. Selectively operable automatic adjusting means. 2,185,407; Jan. 2.
Kenning, Joseph J., Lincoln, Nebr. Combined lamp holder and reflector. 2,193,485; Mar. 12.
Kennon, Louis H., Houston, Tex. Spinning line swivel. 2,212,344; Aug. 20.
Kent, Alfred W., and H. H. Holmes, assignors to Wildt and Company, Limited, Leicester, England. Fabric winding-down or drawing-off mechanism for knitting machines. 2,188,459; Jan. 30.
Kent, Alfred W., and H. H. Holmes, assignors to Wildt and Company Limited, Leicester, England. Controlling patterning and other operations of knitting machines. 2,196,073; Apr. 2.
Kent, Charles A., Aldershot, England. Sound film system. 2,195,701; Apr. 2.
Kent Company, The. (See Yutzler, Fred W., assignor.)
Kent, Donald W., Barron Hill, and F. Van Doorninck, assignors to C. K. Williams & Co., Easton, Pa. Material handling apparatus. 2,207,987; July 16.
Kent, Fred B., Columbia, Miss. Egg registering means. 2,195,702; Apr. 2.
Kent, Frederick J., Glen Rock, assignor to Sipp-Eastwood Corporation, Paterson, N. J. Yarn control means. 2,222,847; Nov. 26.
Kent, Henry A., Oak Park, assignor to General Electric Corporation, Chicago, Ill. X-ray apparatus. 2,212,025; Aug. 20.
Kent-Owens Machine Company. (See Tremblay, Albert F., assignor.)
Kent, Philip J. (See Breer, C., and Kent.)
Kent, William R., Passaic, N. J., assignor, by mesne assignments, to Reconstruction Finance Corporation, Boston, Mass. Machine for unwinding a web of material. 2,199,594; May 7.
Ken-Vic, Inc. (See Tota, Kenneth P., assignor.)
Kenworth Motor Truck Corporation. (See Mallett, L. A., and Norrie, assignors.)
Kenyon, Alonzo F. (See Lessmann, G. P., Stoltz, and Kenyon.)
Kenyon, Alonzo F., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system for reversible mills. 2,214,617; Sept. 10.
Kenyon, Alonzo F., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system for reversible rolling mills. 2,223,728; Dec. 3.
Kenyon, Alonzo F., and W. G. Cook, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Continuously operating strip mill. 2,214,618; Sept. 10.
Kenyon, Roger B., assignor to Eastman Kodak Company, Rochester, N. Y. Film casting machine. 2,200,001; May 7.
Kenyon, Theodore W., Huntington, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Deviometer. 2,218,929; Oct. 22.
Kenyon, Theodore W., Huntington, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Deviometer. 2,219,267; Oct. 22.
Kenyon, Theodore W., Huntington, and S. J. Zand, Forest Hills, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic pilot for dirigible craft. 2,210,916; Aug. 13.
Kenyon, Theodore W., Huntington, and S. J. Zand, Forest Hills, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Reactive servo system for automatic pilots. 2,210,917; Aug. 13.
Kenyon, William O., and T. F. Murray, Jr., assignors, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Treatment of polyvinyl acetal resins. 2,194,205; Mar. 19.
Keough, John J., Hudson, Mass. Internal combustion engine. 2,222,367; Nov. 19.
Kepfer, Raymond J., Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lamellar trisodium phosphate hydrate. 2,204,364; June 11.
Kepler, Michael N. (See Moran, J., and Kepler.)
Kepler, William R., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Making pressure vessels. 2,209,402; July 30.
Kepler, William R., Wauwatosa, and E. H. Nilson, assignors to A. O. Smith Corporation, Milwaukee, Wis. Transporting tank. 2,191,718; Feb. 27.
Keplinger, John, Cambridge, Md. Automatic brake adjuster. 2,196,799; Apr. 9.
Kepner, Robert C., Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y. Mine car bumper. 2,226,724; Dec. 31.
Keppers, William M., Portland, Oreg. Calculating protractor. 2,190,071; Feb. 13.
Keppinger, Urban A., Portland, Oreg. Holder for brooms and the like. 2,221,801; Nov. 19.
Keppler, Helmut. (See Schowalter, W., Haussmann, Neber, Keppler, and Schroeter.)
Keppler, Helmut, Leverkusen-Wiesdorf, and R. Schroeter, Leverkusen-Schlebusch, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Sulphonated ketones. 2,195,088; Mar. 26.
Ker, J. O. (See Ashton, Douglas W., assignor.)
Kerber, Frank J., Chicago, Ill. Sewer cleaning device. 2,223,005; Nov. 26.
Kerber, Joseph H., assignor to Hi-Way Service Corporation, Milwaukee, Wis. Hydraulic apparatus. 2,187,036; Jan. 16.
Kerber, Joseph H., assignor to Hi-Way Service Corporation, Milwaukee, Wis. Scraping apparatus. 2,190,452; Feb. 13.
"Kerb-Konus" G. m. b. H. (See Osenberg, Werner, assignor.)
Kergel, Hermann, and J. Christiansen, Badeberg, Germany, assignors to General Electric Company. Electric switch. 2,225,343; Dec. 17.
Kerk Guild, Inc. (See Hokerk, Lynde D., assignor.)
Kerkhof, Frederik. (See Richards, C. L., and Kerkhof.)
Kerkhoff, Edward F., Indianapolis, Ind. Positive variable speed drive. 2,220,343; Nov. 5.
Kerlin, William F., Rockfield, Ind. Airplane control. 2,213,916; Sept. 3.
Kerman, Ernest, Kfar-Saba, Palestine. Locating and repairing suction strainer damages in wells. 2,201,096; May 14.
Kern, Chester D., et al. (See Kistner, Merrill M., assignor.)
Kern, Clemens. (See Meyer, U., Braun, Unterbusch, Lindlau, and Kern.)
Kern, Emerson W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Soldering alloy. 2,220,961; Nov. 12.
Kern, Emil, Long Island City, N. Y., assignor to Acco Products, Inc. Perforating device. 2,200,672; May 14.
Kern, Emil A., South Orange, S. L. Clothier, East Orange, and H. C. Hogencamp, Irvington, assignors to Kolorama Laboratories, Inc., Newark, N. J. Lenard ray tube head. 2,187,126; Jan. 16.
Kern, Herman, Redwood City, Calif. Furniture. 2,213.633; Sept. 3.
Kern, Jean G., East Aurora, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Diazoamino ether and making. 2,190,841; Feb. 20.
Kern, Jean G., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Coloring with azo dyes. 2,205,416; June 25.
Kern, Jean G., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Vat dye composition. 2,211,126; Aug. 13.
Kern, Jean G., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Nitrosamine addition product. 2,205,417; June 25.
Kern, Jean G., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Coloring textile materials. 2,205,887; June 25.

Kern, Rudolf, Oschatz, assignor to the firm Chemische Fabrik R. Baumheier Kommanditgesellschaft, Oschatz-Zschollau, Germany. Producing impregnating compositions. 2,187,858; Jan. 23.
Kern, Walter, Sissach, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Condensation products containing nitrogen and making same. 2,189,503; Feb. 6.
Kern, Walter, Sissach, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Bis-(anathraquinoneacridono)-pyrenes and making them. 2,208,190; July 16.
Kern, Walter, Sissach, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Dyestuffs of the anthraquinone series and making same. 2,225,013; Dec. 17.
Kern, Walter, Sissach, and R. Tobler, Riehen, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Arylides of 2,3-hydroxynaphthoic acid. 2,187,455; Jan. 16.
Kern, Walter, Sissach, and T. Holbro, and R. Tobler, Riehn, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Nitrogenous condensation product of fluoranthene and making same. 2,219,707; Oct. 29.
Kernahan, Martin P., assignor to The Canister Company, Phillipsburg, N. J. Paper oil container. 2,202,558; May 28.
Kernal, Frank L., Paterson, assignor to Waldrich Company, Delawanna, N. J. Apparatus for and method of treating fabrics. 2,227,391; Dec. 31.
Kerner, F. J., and himself. (See Anderson, William M., assignor.)
Kernes, James, Chicago, Ill. Lamp. 2,195,250; Mar. 26.
Kerngood, Allen H., Baltimore, Md., assignor to Alma Manufacturing Company. Buckle. 2,197,665; Apr. 16.
Kernodle, Jim E., Manhattan Beach, and J. E. Grisham, Hermosa Beach, Calif. Curb clearance signal device for automobiles. 2,208,697; July 23.
Kerone, Edward B. W. (See Olsen, F., Tibbitts, and Kerone.)
Kerr, Earl G., Cliffside Park, N. J., assignor to The Barrett Company, New York, N. Y. Dispersion of paracoumarone resin and producing same. 2,217,119; Oct. 8.
Kerr, Earl G., Cliffside Park, N. J., assignor to The Barrett Company, New York, N. Y. Binder composition. 2,218,335; Oct. 15.
Kerr, Edward O., and J. J. Rogers, Houston, Tex. Studio couch. 2,192,230; Mar. 5.
Kerr, Henry H., Jr., assignor to Bendix Products Corporation, South Bend, Ind. Airplane brake. 2,212,920; Aug. 27.
Kerr, Howard J. (See Moore, W. T., Cassidy, Hardgrove, and Kerr.)
Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Pressure vessel connection. 2,203,357; June 4.
Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Forced flow generator and operating same. 2,211,724; Aug. 13.
Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Making trimetallic plate. 2,219,957; Oct. 29.
Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange apparatus. 2,221,871; Nov. 19.
Kerr, Ralph L., assignor of one-half to J. E. Peek, Oklahoma City, Okla. Locating device for use in boreholes. 2,200,505; May 14.
Kerr, William H., Muswell Hill, London, England. Construction of walls and partitions. 2,208,191; July 16.
Kerr, William J., San Francisco, Calif. Stethoscope. 2,209,164; July 23.
Kerrick, Walter B., Los Angeles, assignor to Clayton Manufacturing Company, Alhambra, Calif. Check valve. 2,197,271; Apr. 16.
Kerrick, Walter B., Los Angeles, assignor to Clayton Manufacturing Company, Alhambra, Calif. Process and apparatus for generating steam. 2,227,349; Dec. 31.
Kerrison, Stephen M. (See Eichberg, G. R., and Kerrison.)
Kerschbaum, Friedrich P., and E. C. Dybdal, Dayton, Ohio, assignors to Monsanto Chemical Company. Process and product for treating ensilage. 2,213,127; Aug. 27.
Kerschbaum, Hans, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Rodlike heating element. 2,215,587; Sept. 24.
Kershaw, Arthur G., and K. H. Leech, London, England, assignors, by mesne assignments, to The Westinghouse Air Brake Company, Wilmerding, Pa. Slack adjuster. 2,187,940; Jan. 23.
Kershaw, George E., New York, N. Y. Building construction. 2,226,061; Dec. 24.
Kershaw, Henry, Belleville, N. J. Cathode sleeve for thermionic valves. 2,220,909; Nov. 12.
Kershaw, Henry, Belleville, N. J. Producing cathode sleeves for thermionic valves. 2,220,910; Nov. 12.
Kershaw, John G., Westmount, assignor to Dominion Textile Company Limited, Montreal, Quebec, Canada. Slub yarn apparatus. 2,197,697; Apr. 16.
Kershaw, John G., Westmount, Quebec, assignor to Drummondville Cotton Company Limited, Montreal, Quebec, Canada. Cord preparing mechanism. 2,212,691; Aug. 27.
Kerstan, Walter, and H. Diehl, Frankfort-on-the-Main, and W. Deseke, assignors to Auergesellschaft Aktiengesellschaft, Berlin, Germany. Production of luminous enamel. 2,224,516; Dec. 10.
Kersten, John, Bronx, N. Y. Street ice remover. 2,223,213; Nov. 26.
Kersten, Samuel, Chicago, Ill. Valve apparatus. 2,223,567; Dec. 3.
Kersting, Bernard H., Ben Avon, and H. Enard, Coraopolis, Pa., assignors to Dravo Corporation. Luffing crane. 2,188,686; Jan. 30.
Kertess, Ferdinand A., Briarcliff Manor, N. Y. Masticatory. 2,203,436; June 4.
Kesemann, William. (See Wilson, A. G., and Kesemann.)
Keshefsky, Harry, Freeport, and A. M. Levine, assignors to Premier Neckwear Company, New York, N. Y. Fabric with eyelets secured to the edge thereof. 2,222,178; Nov. 19.
Kesler, Carl C., assignor to Penick & Ford Ltd., Incorporated, Cedar Rapids, Iowa. Bonding surfaces. 2,221,484; Nov. 12.
Kesling, Elmer G., Bloomfield, Mo. Surgical instrument and using the same. 2,204,275; June 11.
Kesner, Michael L., Chicago, Ill. Venetian blind. 2,187,242; Jan. 16.
Kessel, Johannes B., Chicago, Ill., assignor to Vidrio Products Corporation. Motor. 2,193,515; Mar. 12.
Kessel, Johannes B., and F. Lessing, assignors of one-sixth to J. B. Kessel, one-third to L. Hoffberg, one-sixth to L. A. Jacobson, and one-third to F. Lessing, Chicago, Ill. Apparatus for manufacturing carbon dioxide. 2,221,520; Nov. 12.
Kessel, Josef, Krefeld, Germany. Stencil printing machine. 2,189,007; Feb. 6.
Kesselring, Fritz, Berlin-Frohnau, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin, Siemensstadt, Germany. Apparatus for rectifying or for converting alternating or direct current. 2,215,471; Sept. 24.
Kessery, Peter, Hawthorne, N. J. Propeller. Re. 21,634; Nov. 26.
Kessery, Peter, Hawthorne, N. J. Propeller. 2,199,823; May 7.
Kessler, Charles A., Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing-machine gear-lubricating system. 2,209,338; July 30.
Kessler, Charles J. (See Chadwick, L. S., and Kessler.)
Kessler, Charles J., Cleveland Heights, and J. R. Kirkpatrick, South Euclid, assignors to Perfection Stove Company, Cleveland, Ohio. Oilstove. 2,214,420; Sept. 10.
Kessler, Frank, Villa Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,224,517; Dec. 10.
Kessler, Frederick P. (See Heil, J. P., and Kessler.)
Kessler, George A. (See Blumer, M., Kessler, and Salzmann.)
Kessler, George A., Petrolia, Pa., and L. Liberthson, New York, N. Y., assignors to L. Sonneborn Sons, Inc. Medicinal white oil and preparing the same. 2,193,819; Mar. 19.
Kessler, Henry R. (See Lauffer, W. G., and Kessler.)
Kessler, Joseph G., Trenton, N. J. Gas therapy apparatus. 2,202,953; June 4.
Kessler, Leo. (See Oeckl, O., Weinhold, Pleines, and Kessler.)
Kessler, Martin, Cleveland, Ohio. Hydraulic clutch and brake mechanism. 2,191,320; Feb. 20.
Kessler-Rossillon, Wolf F. L. (See Blank, Alfons, assignor.)
Kestell, Thomas A. (See Gouldbourn, J., and Kestell.)
Kestenman Bros. Mfg. Co. (See Kestenman, Charles H., assignor.)
Kestenman, Charles H., assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Buckle or clasp for watch bracelets and the like. 2,193,596; Mar. 12.
Kestenman, Charles H., assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Clasp or connector for bracelets, chains, necklaces, or the like. 2,215,526; Sept. 24.
Kestenman, Charles H., assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Buckle or clasp for watch bracelets and the like. 2,215,527; Sept. 24.
Kestenman, Charles H., assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Linkage. 2,225,745; Dec. 24.
Kestenman, Charles H., assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Linkage. 2,225,746; Dec. 24.
Ketcham, Frank W. (See Morris, Lawrence A., assignor.)
Ketcham, Garry M., Jr. (See Ricken, Charles B., assignor.)
Ketcham, Lyman G., Brooklyn, assignor to Teleradio Engineering Corporation, New York, N. Y. Condenser. 2,208,931; July 23.
Ketcham Wire and Manufacturing Co. (See Ederer, Arthur F., assignor.)
Ketchpel, Paul A., Bergenfield, N. J., assignor to The Standard Stoker Company, Incorporated. Fuel distributor. 2,210,550; Aug. 6.
Ketsios, Apamenondas S., Chicago, Ill. Flue cleaner. 2,221,195; Nov. 12.

Kettel, Ernst. (See Wilhelm, K., and Kettel.)
Kettenbach, Oscar L., Tucson, Ariz., assignor to Chemical Seed Treating and Delinting Corporation. Seed treating machine. 2,185,408; Jan. 2.
Ketter, Grace P., and G. Wagner, Milwaukee, Wis. Sheet material. 2,214,231; Sept. 10.
Ketterer, Richard K. (See Waldeck, W. F., and Ketterer.)
Kettering, James H. (See Elmquist, R. E., Humfeld, and Kettering.)
Kettering, James H. (See Humfeld, H., Kettering, and Elmquist.)
Kettles, Richard C., Jr., Glen Head, N. Y. Towel dispensing apparatus. 2,188,660; Jan. 30.
Ketzer, Robert. (See Schad, K., and Ketzer.)
Keuffel & Esser Company. (See Burgess, Robert O., assignor.)
Keuffel & Esser Company. (See Holden, John, assignor.)
Keuffel & Esser Company. (See Whitlock, D. E., and Kienast, assignors.)
Keunnecke, Emil, Oppau, and W. Mueñch, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of liquid polymerization products from olefins. 2,195,747; Apr. 2.
Kevelson, Max, Far Rockaway, and O. H. Bloom, Brooklyn, N. Y. Transuterine insufflator. 2,223,827; Dec. 3.
Kewanee Boiler Corporation. (See Dickson, Joseph F., assignor.)
Kewanee Machinery & Conveyor Co. (See Glidden, Raymond B. and R. L., and Nelson, assignors.)
Key, James F., Sierra Madre, assignor of one-half to L. S. Lyon, Los Angeles, Calif. Night sighting device for firearms. 2,209,524; July 30.
Keydel, Fritz, Berlin, Charlottenburg, assignor to Didier Werke Aktiengesellschaft, Berlin, Wilmersdorf, Germany. Furnace bottom. 2,211,127; Aug. 13.
Keyes, Grafton H., assignor to Eastman Kodak Company, Rochester, N. Y. Methine dyes and the preparation thereof. 2,186,608; Jan. 9.
Keyes, Grafton H., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,216,441; Oct. 1.
Keyes, Grafton H., and L. G. S. Brooker, assignors to Eastman Kodak Company, Rochester, N. Y. Polymethine dyes and preparing them. 2,185,343; Jan. 2.
Keyes, Robert E., Wellesley Hills, assignor to B. F. Sturtevant Company, Boston, Mass. Air washer. 2,199,632; May 7.
Keyl, Alex C., and R. D. Blue, assignors to The Dow Chemical Company, Midland, Mich. Treatment of ethyl chloride catalyst. 2,209,981; Aug. 6.
Keys, Morris, Chicago, Ill. Journal box seal. 2,188,541; Jan. 30.
Keys, Opie P., Jonesboro, Tenn. Grain washer and drier. 2,190,072; Feb. 13.
Keys, Samuel W., Platte City, Mo. Milling wheat. 2,221,802; Nov. 19.
Keys, Wesley C. (See Williams, H. O., and Keys.)
Keys, William A., New York, N. Y. Neckband loop. 2,187,349; Jan. 16.
Keyser, Patty S., Boise, Idaho. Comb cleaner. 2,202,559; May 28.
Keyser, Paul V., Jr., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Radiator flush. 2,196,264; Apr. 9.
Keyston, John E. (See Bull, C. S., and Keyston.)
Keyston, John E., Hillingdon, assignor to Electric & Musical Industries, Ltd., Middlesex, England. Electron multiplier. 2,210,034; Aug. 6.
Keystone Brass & Rubber Co. (See Klein, Felix, assignor.)
Keystone Coat & Apron Mfg. Corp. (See Wagenfeld, Harry, assignor.)
Keystone Drum Company. (See Brown, Charles J., assignor.)
Keystone Friction Hinge Company. (See Luppert, Valentine C., assignor.)
Keystone Lubricating Company. (See Ehnits, Fred H., assignor.)
Keystone Mfg. Co. (See Brown, Larry T., assignor.)
Keystone Mfg. Co., The. (See Chur, Charles H., assignor.)
Keystone Metal Products Co. (See Havlis, Adolph J., assignor.)
Keystone Steel & Wire Company. (See Sommer, William H., assignor.)
Keystone View Company. (See Sherman, Reuel A., assignor.)
Key-Tag Checking System Company, The. (See Campbell, Homer P., assignor.)
Khalil, Seyed, assignor to Electric Razor Corporation, New York, N. Y. Shaving device. 2,220,911; Nov. 12.
Kharasch, Morris S., and O. Reinmuth, Chicago, Ill., assignors to Eli Lilly and Company, Indianapolis, Ind. P-carbamidobenzenesulfonamide and producing it. 2,191,432; Feb. 20.
Kharasch, Morris S., Chicago, Ill., and R. R. Legault, Lewisburg, Pa., assignors to Eli Lilly and Company, Indianapolis, Ind. Salts of ergotocin and producing them. 2,220,801; Nov. 5.
Kharasch, Morris S., and O. Reinmuth, Chicago, Ill., assignors to Eli Lilly and Company, Indianapolis, Ind. Substituted 4,4-diaminodiphenyl sulphones and making them. 2,224,156; Dec. 10.
Khoenle, Herman F., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Artificial fish bait. 2,199,001; Apr. 30.
Kibbe, Clinton H., New York, N. Y. Work assisting magnifying and illuminating device. 2,199,107; Apr. 30.
Kibele Manufacturing Company. (See Wilson, Robert A., assignor.)
Kice, Murray S., Jr., assignor to American Blower Corporation, Detroit, Mich. Volume control for fans. 2,201,437; May 21.
Kidd, David B. (See Chalmers, J. W., and Kidd.)
Kidd, George B., Hastings on Hudson, assignor to Anaconda Wire and Cable Company, New York, N. Y. Heating device. 2,214,283; Mar. 19.
Kidd, Wilbert W., and C. J. Thompson, Washington, D. C. Combination case. 2,211,660; Aug. 13.
Kidde, Walter & Company. (See Grant, Harry C., Jr., assignor.)
Kidde, Walter & Company. (See Heigis, Henry E., assignor.)
Kidder, Joe H., Los Angeles, Calif. Expansion well pump. 2,196,993; Apr. 16.
Kidwell, Cleo H., Short Hills, N. J. Collecting and classifying mill. 2,214,905; Sept. 17.
Kidwell, Cleo H., Short Hills, and N. N. K. Stephanoff, Roselle, assignors to Materials Reduction Company, Inc., East Orange, N. J. Apparatus for grinding. 2,219,011; Oct. 22.
Kidwell, Harry S., Chicago, Ill., assignor to the firm Henry G. Goetz, Irvington, N. J. Focusing and printing apparatus for photographic enlarging. 2,205,480; June 25.
Kiebele Manufacturing Company. (See Wilson, R. A., and Smith, assignors.)
Kieckhefer Container Company. (See Wells, R., and Kieckhefer, assignors.)
Kieckhefer, Herbert M. (See Wells, R., and Kieckhefer.)
Kiefer, Edwin F., assignor to Stackpole Carbon Company, St. Marys, Pa. Electrographitic brush. 2,216,493; Oct. 1.
Kiefer, Karl, Machine Company, The. (See Hallead, Mervil, assignor.)
Kiefer, Karl, Machine Company, The. (See Rheinstrom, James A., assignor.)
Kieffer, Richard. (See Schwarzkopf, H. H., and Kieffer.)
Kieffer, Richard, Reutte, Austria, assignor to The American Cutting Alloys, Inc., New York, N. Y. Tool element. 2,191,666; Feb. 27.
Kieffer, Richard, Tyrol, Austria, assignor to American Cutting Alloys, Inc., New York, N. Y. Hard metal composition. 2,198,343; Apr. 23.
Kiefl, Wade B., Uniontown, Ohio. Noise-making device. 2,219,627; Oct. 29.
Kiehne, Alfred J., Derby Line, Vt., assignor to Union Twist Drill Company, Athol, Mass. Die. 2,188,788; Jan. 30.
Kiehne, Alfred J., Derby Line, Vt., assignor to Union Twist Drill Company, Athol, Mass. Making threading dies. 2,208,811; July 23.
Kiekhaefer, Elmer C., Grafton, assignor to Stearns Magnetic Mfg. Co., Milwaukee, Wis. Magnetic clutch construction. 2,209,776; July 30.
Kielberg, Henry, Martins Ferry, Ohio, assignor to Wheeling Steel Corporation, Wheeling, W. Va. Multiple pail. 2,212,476; Aug. 20.
Kielland, Kaspar K., Sogn Haveby, Aker, assignor to Ruthsaccumulator A. S., Oslo, Norway. Steam plant. 2,194,504; Mar. 26.
Kielmeyer, Berman G., et al. (See Mattison, Thomas E., assignor.)
Kienast, John F. (See Whitlock, D. E., and Kienast, assignors.)
Kienitz, Sidney, Shelton, Conn., assignor to Rubatex Products, Inc., New York, N. Y. Life preserver. 2,226,564; Dec. 31.
Kienle, Eugene, Brooklyn, assignor to American Can Company, New York, N. Y. Drying printing inks. 2,208,587; July 23.
Kienle, Eugene, Brooklyn, and H. J. Wolfe, Maspeth, Long Island, assignors to American Car Company, New York, N. Y. Method of and apparatus for producing and utilizing radiant heat. 2,220,928; Nov. 12.
Kienle, John A., et al. (See Weinhardt, Robert A., assignor.)
Kienle, Roy H. (See Crossley, M. L., Kienle, and Amick.)
Kienle, Roy H. (See Crossley, M. L., Kienle, and Royer.)
Kienzle Taxameter-und Apparate-A.-G. (See Riegger, Paul, assignor.)
Kiep, Johann N., Hamburg-Hochkamp, Germany, and H. Sinclair, Kensington, London, England. Friction clutch. 2,210,416; Aug. 6.
Kiep, Johann N., Hamburg, Germany, and H. Sinclair, Kensington, London, assignors to Hydraulic Coupling Patents Limited, London, England. Hydraulic power transmitter. 2,187,656; Jan. 16.
Kiep, Johann N., Hamburg, Germany, and H. Sinclair, Kensington, London, assignors to Hydraulic Coupling Patents Limited, London, England. Variable-speed power-transmission mechanism. 2,214,819; Sept. 17.
Kiernan, Thomas E., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Translucent light shield. 2,187,127; Jan. 16.

Kierner, Anton, assignor to E. Prazak, Elizabeth, N. J. Multiple looper means for sewing machines. 2,189,041; Feb. 6.
Kiersted, Wynkoop, Jr., Scarsdale, and L. P. Scoville, Flushing, assignors to The Texas Company, New York, N. Y. Solvent refining of hydrocarbon oil and recovery of the solvent. 2,186,298; Jan. 9.
Kiesel, Oscar. (See Arquint, H., and Kiesel.)
Kiesewetter, Dorothea, St. Louis, Mo. Window lock. 2,223,620; Dec. 3.
Kiesling, Le Roy H., Brooklyn, N. Y. Dumb-waiter control system. 2,188,357; Jan. 30.
Kiessling, Max, Waterbury, Conn. Top stop for slide fastener tapes. 2,191,280; Feb. 20.
Kiessling, Max., Waterbury, Conn. Slide fastener separable stop and making the same. 2,219,045; Oct. 22.
Kiessling, Max and M. J., Waterbury, Conn. Separable fastener attachment machine. 2,185,769; Jan. 2.
Kiessling, Max J. (See Kiessling, Max and M. J.)
Kieweg, Homer, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Process and apparatus for vaporizing corrosive liquids. 2,202,800; May 28.
Kiggins, Delbert, Houston, Tex. Tank carrier. 2,218,845; Oct. 22.
Kight, Theodus, Fairchild, Ala. Electric switch. 2,227,350; Dec. 31.
Kihlgren, Theodore E., Staten Island, assignor to The International Nickel Company, Inc., New York, N. Y. Pressure casting. 2,215,905; Sept. 24.
Kikuchi, Hideyuki, and M. Hirose, Tokyo, Japan; said Hirose assignor to said Kikuchi. Apparatus employing high voltage-high frequency electric current. 2,206,608; July 2.
Kikuchi, Hideyuki, and M. Hirose, Tokyo, Japan, said Hirose assignor to said Kikuchi. Apparatus employing high voltage, high frequency impulsive electric current. 2,215,045; Sept. 17.
Kilander, James R. (See Johnson, E. S., Kilander, and Reid.)
Kilborn-Sauer Company, The. (See Sauer, Henry J., assignor.)
Kilbride, John T., assignor to E. W Carpenter Manufacturing Company, Bridgeport, Conn. Stapling machine. 2,218,794; Oct. 22.
Kilbride, John T., assignor to E. W. Carpenter Manufacturing Company, Bridgeport, Conn. Stapling machine. 2,223,322; Nov. 26.
Kilburg, James. (See Beede, S. M., Jr., and Kilburg.)
Kilby, Earl V., Chagrin Falls, Ohio. Fishing rod support. 2,202,739; May 28.
Kilby, Edward St. E., Yates Center, Kans. Pump piston. 2,208,461; July 16.
Kilby Manufacturing Company, The. (See Boyd, C. A., Kraft, and Ragborg, assignors.)
Kilduff, Charles J. (See Peel, F. W., and Kilduff.)
Kile, Eugene M., and S. Kain, assignors to John E. Fast & Company, Chicago, Ill. Condenser winding machine. 2,205,171; June 18.
Kilgore, George R. (See Mouromtseff, I. E., and Kilgore.)
Kilgore, George R., Verona, N. J., assignor to Radio Corporation of America. Magnetron. 2,209,923; July 30.
Kilgore, Lee A., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Variable speed motor drive. 2,201,006; May 14.
Kilian, Bernhard. (See McGrete, Albert J., assignor.)
Killark Electric Manufacturing Co. (See Kaysing, Ernest, assignor.)
Killefer Manufacturing Corporation. (See Mitchell, Rollie H., assignor.)
Killefer Manufacturing Corporation. (See Sjogren, O. W., and Gerold, assignors.)
Killen, Donald P., Glendale, Calif. Automobile door bumper, silencer, and dust seal. 2,226,615; Dec. 31.
Killian, Donald B. (See Loder, D. J., Gresham, and Killian.)
Killian, Frank B., et al. (See Brubaker, William A., assignor.)
Killian, Frank B., Company. (See Maywald, Frederick J., Jr., assignor.)
Killick, Reginald, Chertsey, assignor of one-half to C. O. Crisp, London, England. Color photography. 2,214,531; Sept. 10.
Killin, George W., Jr., West Huntington, W. Va. Bicycle. 2,225,304; Dec. 17.
Killingstad, Ralph, New Smyrna, Fla., assignor, by mesne assignments, to General American Precooling Corporation, Chicago, Ill. Process and apparatus for conditioning commodities. 2,187,859; Jan. 23.
Killingsworth, Freddie. (See Neubig, C. C., and Killingsworth.)
Killingsworth, William M., Claysville, Pa., assignor to Frazier-Simplex, Inc. Air conditioning. 2,187,905; Jan. 23.
Kilmer, Angelique, administratrix. (See Kilmer, William A.)
Kilmer, William A., deceased, by A. Kilmer, administratrix, De Kalb, Ill. Wire fabric machine. 2,188,358; Jan. 30.
Kilpatrick, Howard M., New York, N. Y. Check controlled and dispensing turnstile. 2,204,897; June 18.
Kiltie, Ordean, Fort Wayne, Ind., assignor to General Electric Company. Support for tubular lamps. 2,217,484; Oct. 8.
Kimball, Charles E. (See Fischer, Waldo F., assignor.)
Kimball, Don L., Chicago, Ill. Display apparatus. 2,192,679; Mar. 5.
Kimball, Donald E., Cleveland, Ohio, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Eye protector. 2,195,175; Mar. 26.
Kimball, Donald G., Stratford, Conn., assignor to General Electric Company. Terminal block. 2,188,789; Jan. 30.
Kimball, Donald G., Stratford, Conn., assignor to General Electric Company. Electric switch. 2,195,251; Mar. 26.
Kimball, Donald G., Stratford, Conn., assignor to General Electric Company. Electric switch. 2,203,224; June 4.
Kimball, Donald G., Stratford, Conn., assignor to General Electric Company. Electric switch. 2,225,344; Dec. 17.
Kimball, James L., Danvers, assignor to Ruggles-Klingemann Mfg. Co., Salem, Mass. Control apparatus for the regulation of pressure. 2,185,671; Jan. 2.
Kimball, Richard H., and A. Loverde, Niagara Falls, assignors to Hooker Electrochemical Company, New York, N. Y. Halo-phenylbenzoates and producing the same. 2,211,467; Aug. 13.
Kimball, Thomas B. (See Herthel, E. C., and Kimball.)
Kimball, W. W., Company. (See Huseby, Albert A., assignor.)
Kimball, Wallace D., Jackson Heights, C. I. Braren, Jamaica, and J. H. Mosley, assignors to Standard-Knapp Corporation, Long Island City, N. Y. Can labeling machine. 2,206,964; July 9.
Kimball, Wallace D., Jackson Heights, and C. I. Braren, Jamaica, assignors to Standard-Knapp Corporation, Long Island City, N. Y. Bottle packing machine. 2,219,827; Oct. 29.
Kimberley, Paul. (See Hepworth, C. M., and Kimberley.)
Kimberlin, Charles N., Baton Rouge, La., assignor to Standard Oil Development Company. High viscosity index, high viscosity oil compositions. 2,202,801; May 28.
Kimble Glass Company. (See Anastor, Charles G., assignor.)
Kimble Glass Company. (See Greene, Joseph F., assignor.)
Kimble Glass Company. (See Kimble, H. K., and Chertok, assignors.)
Kimble Glass Company. (See Meyer, Felix, assignor.)
Kimble Glass Company. (See Moran, James J., assignor.)
Kimble Glass Company. (See Richter, Harry, assignor.)
Kimble Glass Company. (See Van Gorden, Le Roy C., assignor.)
Kimble, Herman K., and J. Chertok, assignors to Kimble Glass Company, Vineland, N. J. Bottoming machine. 2,227,224; Dec. 31.
Kimble, Murl J., Billings, Mont. Plant setting implement. 2,207,741; July 16.
Kimbrell, Laban B., Phoenix, Ariz. Lifting jack. 2,188,838; Jan. 30.
Kimler, Courtney W., Sr., et al. (See Rice, E. W., and Buchele, assignors.)
Kimmel, Carl, Rockford, Ohio. Raking and lifting attachment for a tractor. 2,185,409; Jan. 2.
Kimmel, Charles P., Gary, Ind. Rail fastener and tie plate. 2,215,104; Sept. 17.
Kimmel, Norman R., Gladwin, Mich. Formation tester. 2,210,245; Aug. 6.
Kimmich, Charles, New York, N. Y. Grip on handles. 2,226,468; Dec. 24.
Kimmich, Elmer G., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Making belts. 2,197,569; Apr. 16.
Kimmich, William, Flushing, N. Y., assignor to Radio Corporation of America. Wire terminal connector and block. 2,210,487; Aug. 6.
Kimmick, Albert R., Detroit, Mich. Swinging sign holder. 2,211,505; Aug. 13.
Kimmig, Josef. (See Vonkennel, J., and Kimmig.)
Kimpton, William H., Spondon, near Derby, England, assignor to Celanese Corporation of America. Yarn winding apparatus. 2,213,280; Sept. 3.
Kimson, Grover, Crystal Lake, Ill. Hand loom. 2,198,624; Apr. 30.
Kinatome Patents Corporation. (See Foster, Warren D., assignor.)
Kinatome Patents Corporation. (See Oswald, C. L., and Foster, assignors.)
Kinatome Patents Corporation. (See Proctor, Barton A., assignor.)
Kincaid, Wesley P., Oklahoma City, Okla., assignor to Reed Roller Bit Company, Houston, Tex. Bit breaker. 2,194,090; Mar. 19.
Kindelmann, Albert. (See Griffin, H., and Kindelmann.)
Kindelmann, Albert, Floral Park, assignor to International Projector Corporation, New York, N. Y. Film gate assembly. 2,211,827; Aug. 20.
Kindelmann, Albert, Floral Park, and C. A. Soehl, Hensonville, assignors to International Projector Corporation, New York, N. Y. Adjustable supporting means. 2,211,825; Aug. 20.
Kindelmann, Albert, Floral Park, and H. F. Heidegger, Brooklyn, assignors to International Projector Corporation, New York, N. Y. Film gate. 2,211,826; Aug. 20.

Kinder, Theodor, assignor to "Wistra," Ofenbau Gesellschaft mit beschrankter Haftung, Essen, Germany. Oil-air burner. 2,200,673; May 14.
Kinderman, Walter J., assignor to Yarnall-Waring Company, Philadelphia, Pa. Gauge glass with gasket and gasket seat. 2,201,542; May 21.
Kindervater, Julius, Richmond, Va., assignor to American Locomotive Company, New York, N. Y. Flexible staybolt construction for boilers. 2,197,745; Apr. 16.
Kindseth, Harold V. (See Belcher, D., Stetson, and Kindseth.)
Kindt-Collins Co., The. (See Kindt, Ernest T., assignor.)
Kindt, Ernest T., assignor to The Kindt-Collins Co., Lakewood, Ohio. Dowel pin. 2,221,141; Nov. 12.
Kindt, Mark. (See Winther, Anthony and M. P., and Kindt.)
Kindt, Mark. (See Winther, Martin P. and A. W., and Kindt.)
Kindt, Mark. (See Winther, M. P., and Kindt.)
Kiner, Glenn, Park Ridge, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Communication system. 2,186,246; Jan. 9.
Kiner, Glenn, Park Ridge, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Call register. 2,192,747; Mar. 5.
Kinetic Chemicals, Inc. (See Downing, F. B., and Markwood, assignors.)
Kinetic Chemicals, Inc. (See Midgley, T., Jr., and Henne, assignors.)
Kinetor (Development) Limited. (See Vespoli, Aniello H., assignor.)
King, Alexander J., Elmhurst, Ill., assignor to The American Steel and Wire Company of New Jersey. Coke chamber line. 2,196,336; Apr. 9.
King, Archie P., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Guided wave transmission. 2,197,123; Apr. 16.
King, Bernard, Los Angeles, Calif. Combination typewriter and perforator. 2,210,915; Aug. 13.
King, Bernard, and P. A. Fellis, Wichita, Kans. Compressing mold for ground meat or the like. 2,190,236; Feb. 13.
King, Bert W., Detroit, Mich. Scale lever system. 2,212,742; Aug. 27.
King, Burdette M., Lancaster, Ohio. Apparatus for testing hardness of water. 2,202,346; May 28.
King, Carl H., assignor to Globe-Union Inc., Milwaukee, Wis. Battery. 2,222,412; Nov. 19.
King, Cecil C., Millville, N. J. Glass melting tank. 2,222,816; Nov. 26.
King, Charles H., Buchanan, and E. J. Seaver, Battle Creek, assignors to Clark Equipment Company, Buchanan, Mich. Milling machine. 2,194,829; Mar. 26.
King, Charles W., assignor to MacGregor & King Limited, London, England. Insulated hatch cover for ships. 2,192,135; Feb. 27.
King, Clifford C., Kilgore, Tex. Sand pump. 2,190,407; Feb. 13.
King, Dale B., Piru, Calif. Emasculator. 2,187,881; Jan. 23.
King, Dewey E., Danvers, Mass. Burial vault construction. 2,209,525; July 30.
King, Douglas H., Maplewood, N. J. Ventilating apparatus. 2,207,671; July 9.
King, Ernam F., San Diego, Calif. Door handle and lock. 2,222,105; Nov. 19.
King, Ernest S. (See Britten, J. F., King, and Baumgard.)
King, Frank A., Los Angeles, Calif. Fishing reel. 2,219,322; Oct. 29.
King, Frederick H., Detroit, Mich. Marble game. 2,199,407; May 7.
King, George D., assignor to United States Gypsum Company, Chicago, Ill. Wall structure and building block therefor. 2,196,074; Apr. 2.
King, George D., Chicago, and T. P. Camp, Glen Ellyn, assignors to United States Gypsum Company, Chicago, Ill. Water-resistant cementitious product. 2,198,776; Apr. 30.
King, George D., Chicago, and J. W. Gill, Elmhurst, assignors to United States Gypsum Company, Chicago, Ill. High-strength compressed fiber product. 2,215,245; Sept. 17.
King, George D., Chicago, and M. C. Dailey, Maywood, assignors to United States Gypsum Company, Chicago, Ill. Set-stabilized calcined gypsum plaster. 2,216,555; Oct. 1.
King, George E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding system. 2,189,606; Feb. 6.
King, George E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Variable voltage motor control. 2,205,204; June 18.
King, George E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,221,584; Nov. 12.
King, Gerald V., Chatham, N. J., and P. W. Swenson, Jackson Heights, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,225,305; Dec. 17.
King, Harold D., Cuyahoga Falls, Ohio, assignor to American Hard Rubber Company, New York, N. Y. Refrigerator door. 2,192,519; Mar. 5.
King, Harold S., Asbury Park, N. J. Case for toilet accessories. 2,205,205; June 18.
King, Harry C., Quincy, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Lasting shoes. 2,206,900; July 9.
King, Henry G., Lorain, Ohio. Container. 2,188,813; Jan. 30.
King, Henry K. (See Peters, M. F., and King.)
King, Howard K., Philadelphia, Pa., assignor to Chambers Brothers Company. Bank feed. 2,203,531; June 4.
King, James V. (See Dennis, J. H., and King.)
King, Jasper E., and V. R. Powell, Denver, Colo., dedicated to the free use of the People of the United States of America. Mosaic spider. 2,189,585; Feb. 6.
King, Jasper E., and V. R. Powell, Denver, Colo., dedicated to the free use of the People of the United States of America. Vertical reflecting projector. 2,194,797; Mar. 26.
King, Jasper E., and J. W. Elliott, Denver, Colo., assignors to Henry A. Wallace, as Secretary of Agriculture of the United States of America, and his successors in office. Graphic radial triangulation. 2,221,872; Nov. 19.
King, Jesse G., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,215,511; Sept. 24.
King, Jesse G., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,219,072; Oct. 22.
King, John E., and R. L. Hale, assignors to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Auto-illuminant writing implement. 2,204,136; June 11.
King, John H., and R. R. Wotring, Indianapolis, Ind. Fastening device. 2,188,552; Jan. 30.
King, Joseph M., Detroit, Mich. Fluid mixing valve. 2,222,907; Nov. 26.
King & Lang, Inc. (See King, R. J., and Mitchell, assignors.)
King, Maxon H. (See Anderson, W. H. L., King, and McElroy.)
King, Oliver M., Kezar Falls, Maine. Logger's tool. 2,211,062; Aug. 13.
King, Oral A., near Norfolk, Va. Beehive. 2,188,719; Jan. 30.
King, Orville D. (See Casto, L. V., Von Webern, Hamant, and King.)
King, Philo R., Webster Groves, Mo., and R. D. Baker, Alton, Ill., assignors to Union Starch and Refining Company, Columbus, Ind. Cross-flow system. 2,205,657; June 25.
King, Ralph E., Short Hills, and O. R. Miller, Morristown, N. J., assignors to Bell Telephone Laboratories Incorporated, New York, N. Y. Telephone system. 2,208,765; July 23.
King, Ralph E., Short Hills, and O. R. Miller, Morristown, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,209,777; July 30.
King, Robert J. (See Lampe, J. G., and King.)
King, Robert J., New Canaan, and W. Mitchell, Jr., Stamford, assignors to King & Lang, Inc., Stamford, Conn. Carbon black compositions, etc. 2,210,763; Aug. 6.
King, Robert W., Short Hills, N. J. Railway rolling stock. 2,211,469; Aug. 13.
King, Roy M., et al. (See Adler, Henry J., assignor.)
King-Seeley Corporation. (See Adler, Herman G., assignor.)
King-Seeley Corporation. (See Darnell, Rex C., assignor.)
King, Thomas E., Sanford, N. C. Building structure. 2,222,908; Nov. 26.
King, Van Houden, Jr. (See Robinson, J. F., and King.)
King, Walter. (See Minard, Everett S., assignor.)
King, Walter E., and J. S. Abercrombie, Houston, Tex.; said King assignor to said Abercrombie. Pressure equalizer for blowout preventers. 2,194,254; Mar. 19.
King, William, deceased, Eastcote, Ruislip, by I. W. Girvan, executor, Denham Village, assignor to The Pipe-Joint Manufacturing Company, Limited, London, England. Device for use in making pipe joints. 2,206,405; July 2.
King, William H., New Orleans, La., and C. Q. Sheely, State College, Miss. Oxidation of hydrocarbons. 2,215,472; Sept. 24.
King, William H., New Orleans, La., and C. Q. Sheely, State College, Miss. Oxidation of hydrocarbons. 2,215,473; Sept. 24.
King, William H., New Orleans, La., and C. Q. Sheely, State College, Miss. Oxidation of hydrocarbons. 2,215,474; Sept. 24.
King, William H., New Orleans, La., and C. Q. Sheely, State College, Miss. Oxidation of hydrocarbons. 2,226,378; Dec. 24.
King, William H., New Orleans, La., and C. Q. Sheely, State College, Miss.; said King assignor to said Sheely. Oxidation of hydrocarbons. 2,190,453; Feb. 13.
King, William W., Portage La Prairie, Manitoba, Canada. Window bracket. 2,187,941; Jan. 23.
King, Wyatt M., assignor to S. E. Overton Company, South Haven, Mich. Picture frame. 2,189,521; Feb. 6.
Kingaby, Alexander. (See Weingott, Herbert S.)
Kingdon, Kenneth H., Schenectady, N. Y., assignor to General Electric Company. Electric discharge apparatus. 2,209,819; July 30.

Kingman, Russell B., Orange, assignor to Housekeeping Products Co., East Orange, N. J. Vapor emanator. 2,207,889; July 16.
Kingman, Russell B., Orange, assignor to Metal Textile Corporation, West Orange, N. J. Presure sustaining padding. 2,209,526; July 30.
Kingman, Russell B., Orange, assignor to Metal Textile Corporation, West Orange, N. J. Pervious resilient material. 2,220,962; Nov. 12.
Kingsbury, Albert, Greenwich, Conn., assignor to Kingsbury Machine Works, Inc., Philadelphia, Pa. Sealing means for shafts. 2,187,084; Jan. 16.
Kingsbury, Albert, Greenwich, Conn., assignor to Kingsbury Machine Works, Inc., Philadelphia, Pa. Thrust bearing. 2,197,432; Apr. 16.
Kingsbury, Albert, Greenwich, Conn., assignor to Kingsbury Machine Works, Inc., Philadelphia, Pa. Bearing. 2,224,652; Dec. 10.
Kingsbury & Davis Machine Company. (See Straw, Clayton, assignor.)
Kingsbury, Edwin F., Rutherford, and H. T. Reeve, Millburn, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alloys. 2,213,397; Sept. 3.
Kingsbury, Franklin L. (See Washburn, W. F., and Kingsbury.)
Kingsbury, Franklin L., St. Louis, and C. L. Schmidt, Webster Groves, Mo., assignors to National Lead Company, New York, N. Y. Manufacture of titanium dioxide pigments. 2,211,828; Aug. 20.
Kingsbury, George P., Hollis, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing and casting machine. 2,201,140; May 21.
Kingsbury, George P., Hollis, N. Y., assignor to Merganthaler Linotype Company. Typographical slug casting machines. 2,220,410; Nov. 5.
Kingsbury Machine Tool Corporation. (See Swahnberg, Gunnar, assignor.)
Kingsbury Machine Works, Inc. (See Howarth, Harry A. S., assignor.)
Kingsbury Machine Works, Inc. (See Kingsbury, Albert, assignor.)
Kingsbury Manufacturing Company. (See Meienborn, Ewald W., assignor.)
Kingsbury, Percy C., Elizabeth, N. J., assignor to General Ceramics Company. Ceramic article. 2,201,684; May 21.
Kingsland, George M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,223,287; Nov. 26.
Kingsley, Errol F., Portland, Oreg. Apparatus for recovering precious metals. 2,204,018; June 11.
Kingston, Arthur W., assignor of one-half to P. K. De Gooreynd, London, England. Photographic camera. 2,201,097; May 14.
Kingston Products Corporation. (See Douglas, Harry A., assignor.)
Kingston Products Corporation. (See Martinek, Alois L., assignor.)
Kingston Products Corporation. (See Penfold, Charles S., assignor.)
Kingston Products Corporation. (See Schmid, William, assignor.)
Kinietz, Louis J. (See Kiehl, Ernest F. W., Jr., assignor.)
Kinkead, Fullerton S. (See Cramer, W. W., and Kinkead.)
Kinkead, Fullerton S., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,185,851; Jan. 2.
Kinkead, Fullerton S., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,199,824; May 7.
Kinkead, Fullerton S., Ridgefield Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,187,158; Jan. 16.
Kinkead, Robert S., St. Paul, Minn. Mower. 2,214,501; Sept. 10.
Kinkead, Robert S., St. Paul, Minn. Mower. 2,225,119; Dec. 17.
Kinker, Clarence C. (See Benoit, J. P., Kinker, Allen, Rohrick, and Schreiber.)
Kinker, Clarence C. (See Benoit, J. P., Wideman, and Kinker.)
Kinkis, Victor M., assignor of one-half to W. G. Kinkis, Newton Falls, Ohio. Hand shield. 2,205,957; June 25.
Kinkis, William G. (See Kinkis, Victor M., assignor.)
Kinley, Myron M., Houston, Tex. Wire line shooting tool. 2,185,303; Jan. 2.
Kinley, Myron M., Houston, Tex. Leak detector. 2,210,417; Aug. 6.
Kinley, Myron M., Houston, Tex. Swab. 2,221,427; Nov. 12.
Kinn, Theodore P., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Noise suppression circuits. 2,186,247; Jan. 9.
Kinne, Edmund P. (See Pierce, R. C., and Kinne.)
Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Coupler device. 2,224,822; Dec. 10.
Kinne, Otto, Halle-on-the-Saale, Germany. Sheet treating apparatus. 2,207,925; July 16.
Kinnear, Harry B. (See Lorig, C. H., and Kinnear.)
Kinnear, J. K. (See Cowdery, R. H., and Kinnear.)
Kinnear, James W., Pittsburgh, Pa. Producing rimmed steel ingots. 2,206,194; July 2.
Kinnear Manufacturing Co., The. (See Greegor, R. H., and Page, assignors.)
Kinnear, Samuel E. (See Lloyd-Jones, T. C., and Kinnear.)
Kinney, Fay D., assignor to American Optical Company, Southbridge, Mass. Mounting of bifocal lens blanks. 2,223,214; Nov. 26.
Kinney, Justus R., Boston, Mass. Broom. 2,202,695; May 28.
Kinney Manufacturing Company. (See Anderson, Ralph H., assignor.)
Kinney Manufacturing Company. (See Stoltz, Harold I., assignor.)
Kinney, Norton W., Groveland, Mass. Jack for heel turning machines. 2,192,552; Mar. 5.
Kinney, Walter B., Bainbridge, assignor, by mesne assignments, to The Borden Company, New York, N. Y. Casein paint and preparing the same. 2,212,566; Aug. 27.
Kinney, Willmore K., Wellsburg, W. Va. Electric soldering iron. 2,211,128; Aug. 13.
Kinninger, Carl A., Dayton, Ohio. Trestle. 2,213,008; Aug. 27.
Kinnison, Court J., Alameda, and M. Lothrop, Berkeley, Calif., said Lothrop assignor to said Kinnison. Fruit pitter. 2,214,168; Sept. 10.
Kinsella, Edward, Spondon, near Derby, England, assignor to Celanese Corporation of America. Machine for cutting continuous filaments into staple fibers. 2,226,130; Dec. 24.
Kinsley, Thomas G., Whitehouse, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric device. 2,203,332; June 4.
Kinslow Engineering Corporation. (See Kinslow, Henry M., assignor.)
Kinslow, Henry M., assignor to Kinslow Engineering Corporation, Santa Ana, Calif. Internal combustion engine. 2,206,571; July 2.
Kinslow, Walter T., Santa Ana, Calif. Internal expansion engine. 2,213,816; Sept. 3.
Kinslow, Walter T., Santa Ana, Calif. Internal expansion engine. 2,213,817; Sept. 3.
Kintzing, Reese T., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Overload protective scheme. 2,196,418; Apr. 9.
Kinyon, Brice W., Bloomfield, N. J., assignor to Radio Corporation of America. Electrode support. 2,206,504; July 2.
Kinzbach, Frank, et al. (See Park, Tracy S.)
Kinzbach, Robert B., et al. (See Park, Tracy S.)
Kinzbach, Robert B., Houston, Tex. Milling tool. 2,213,498; Sept. 3.
Kinzel, Augustus B., Douglaston, Long Island, N. Y., assignor to Electro Metallurgical Company. Decarburizing metals. 2,215,588; Sept. 24.
Kinzel, Augustus B., Douglaston, N. Y., assignor to Electro Metallurgical Company. Handling hot aqueous solutions of phosphoric acid. 2,221,949; Nov. 19.
Kinzie, Charles J., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Making lead zirconium silicate. 2,215,737; Sept. 24.
Kinzie, Charles J., and D. S. Hake, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Zirconium oxide and making same. 2,194,426; Mar. 19.
Kinzie, Charles J., and D. S. Hake, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Zirconium oxides and making same. 2,206,287; July 2.
Kinzie, Charles J., and E. Wainer, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Refractory and making same. 2,220,411; Nov. 5.
Kinzie, Charles J., and E. Wainer, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Refractory and making same. 2,220,412; Nov. 5.
Kinzie, Charles J., and E. Wainer, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Zirconium salts of water-insoluble fatty acids and making same. 2,221,975; Nov. 19.
Kinzie, Phillip A., assignor to Universal Hydraulic Corporation, Denver, Colo. Valve. 2,187,787; Jan. 23.
Kinzie, Phillip A., and G. J. Hornsby, assignors to Universal Hydraulic Corporation, Denver, Colo. Interior differential needle valve. 2,191,532; Feb. 27.
Kinzinger, Siegfried M. (See Walsh, J. F., Kinzinger, and Goodman.)
Kinzler, Edward F., Pittsburgh, Pa. Stripping, inserting, and drawing table. 2,190,947; Feb. 20.
Kinzoku Zairyo Kenkyusho, The. (See Masumoto, H., and Yamamoto, assignors.)
Kipen, Jacob, Manitowoc, Wis. Skid arrester. 2,214,303; Sept. 10.
Kipper, Herman B., Accord, Mass. Synthesis of chlorinated, unsaturated hydrocarbons. 2,199,633; May 7.
Kipper, Herman B., Accord, Mass. Synthesis of artificial rubber or rubberlike compounds. 2,217,057; Oct. 8.

Kipper, Herman B., Accord, Mass. Treatment of unsaturated hydrocarbon oils. 2,221,301; Nov. 12.
Kipper, Herman B., Accord, Mass. Synthesis of drying oils from petroleum hydrocarbons. 2,224,603; Dec. 10.
Kipper, Herman B., Accord, Mass. Synthesis of plastic materials from unsaturated hydrocarbon oils and sulphur. 2,227,311; Dec. 31.
Kipphan, Erich. (See Geisler, O., and Kipphan.)
Kirbach, Peter. (See Krumdick, Walter E., assignor.)
Kirby, Frederick W., Moline, and F. A. Thomann, East Moline, assignors to Deere & Company, Moline, Ill. Corn sheller. 2,207,258; July 9.
Kirby, Isaac, Wichita, Kans., assignor to E. Fuston, Long Beach, Calif. Jack. 2,189,665; Feb. 6.
Kirby, James B., West Richfield, Ohio. Suction sweeper. 2,221,745; Nov. 12.
Kirby, James B., West Richfield, Ohio. Vacuum cleaner. 2,221,746; Nov. 12.
Kirby, James E. (See Ellingboe, E. K., and Kirby.)
Kirby, James E. (See Heckert, W. W., and Kirby.)
Kirby, James E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dispersion of synthetic polymeric materials. 2,192,318; Mar. 5.
Kirby, James E., Wilmington, Del., assignor to Du Pont Film Manufacturing Corporation, New York, N. Y. Photographic developing solutions containing aromatic hydrazines, their preparation and use. 2,220,929; Nov. 12.
Kirby, James E., Wilmington, and J. L. Gillson, Holly Oak, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Flotation process for concentrating oxides of iron. 2,217,684; Oct. 15.
Kirby, James E., Wilmington, and J. L. Gillson, Holly Oak, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Flotation process for concentrating carbonate minerals. 2,217,685; Oct. 15.
Kirby, James E., Wilmington, and J. L. Gillson, Holly Oak, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Flotation process. 2,221,485; Nov. 12.
Kirby, John F., assignor to Somerville Iron Works, Somerville, N. J. Pipe casting apparatus. 2,219,012; Oct. 22.
Kirby, Joseph L. S., San Francisco, Calif. Automobile parking device. 2,200,027; May 7.
Kirch, Charles E., Buffalo, N. Y. Dispensing cabinet for paper towels. 2,189,493; Feb. 6.
Kirch, Charles E., Buffalo, N. Y. Dispensing cabinet. 2,193,334; Mar. 12.
Kirch, Josef, Berlin, assignor to Mix & Genest Aktiengesellschaft, Berlin-Schoneberg, Germany. Party line system. 2,210,208; Aug. 6.
Kircher, Ralph N., assignor to West Bend Aluminum Company, West Bend, Wis. Combination roaster and broiler. 2,204,681; June 18.
Kircher, Ralph N., assignor to West Bend Aluminum Company, West Bend, Wis. Food preparing utensil. 2,222,773; Nov. 26.
Kircher, Reymond J., Neptune, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vacuum tube circuit. 2,213,398; Sept. 3.
Kirchhoff, Paul. (See Eschert, P., and Kirchhoff.)
Kirchhoff, Richard C., assignor to The Powers Regulator Company, Chicago, Ill. Minimum pressure relay. 2,226,865; Dec. 31.
Kirchner, Henry P. (See Benner, R. C., Melton, and Kirchner.)
Kirchner, Henry P. (See Melton, R. L., Benner, and Kirchner.)
Kirchner, Henry P. (See Rickard, G. B., and Kirchner.)
Kirchner, Henry P., assignor to The Carborundum Company, Niagara Falls, N. Y. Sectional endless belt. 2,209,059; July 23.
Kirchner, Henry P., and C. E. Woddell, assignors to The Carborundum Company, Niagara Falls, N. Y. Granular coated article. 2,187,743; Jan. 23.
Kirchner, Richard G., Jr., Princeton, N. J., and F. K. Mistele, Waterloo, Ontario, Canada. Reversible glove. 2,216,241; Oct. 1.
Kirchner, Richard G., Jr., Princeton, N. J., and F. K. Mistele, Waterloo, Ontario, Canada. Reversible glove. 2,216,242; Oct. 1.
Kirchoff, Adolph C., et al. (See Riggs, John L., assignor.)
Kiren, Joe, Youngstown, Ohio. Roof guard for open hearth. 2,222,978; Nov. 26.
Kirk, Claude R. (See Van Tuyl, Sidney E., assignor.)
Kirk, David B., Moorestown, N. J., assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,216,534; Oct. 1.
Kirk, David K., Tulsa, Okla., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Apparatus for transmitting and recording shot moments. 2,212,988; Aug. 27.
Kirk, Edward B. (See Levy, J., and Kirk.)
Kirk, James H. (See Martin, E. J., and Kirk.)
Kirk, Joseph S., Seven Hills Village, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Tanning. 2,205,901; June 25.
Kirk, Joseph S., Seven Hills, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Tanning. 2,220,867; Nov. 5.
Kirk, Martin J. (See Polydoroff, W. J., and Kirk.)
Kirk, Martin J., assignor to Johnson Laboratories, Inc., Chicago, Ill. Operating means for permeability-tuned devices. 2,217,984; Oct. 15.
Kirk, Martin J., and F. N. Jacob, Chicago, and J. C. McGinley, Hinsdale, assignors to Johnson Laboratories, Incorporated, Chicago, Ill. Variable inductance mechanism. 2,216,370; Oct. 1.
Kirk, Martin J., and W. H. James, Chicago, and W. A. Schaper, Oak Park, assignors to Johnson Laboratories, Inc., Chicago, Ill. Permeability tuned coupling device. 2,221,217; Nov. 12.
Kirk, Martin J., and F. N. Jacob, Chicago, and J. C. McGinley, Hinsdale, assignors to Johnson Laboratories, Inc., Chicago, Ill. Variable inductance mechanism. 2,226,822; Dec. 31.
Kirk, Roy C., assignor to The Dow Chemical Company, Midland, Mich. Production of magnesium. 2,205,658; June 25.
Kirk, Roy C., assignor to The Dow Chemical Company, Midland, Mich. Producing magnesium. 2,205,659; June 25.
Kirk, Roy C., assignor to The Dow Chemical Company, Midland, Mich. Production of magnesium. 2,205,660; June 25.
Kirk, Roy C., assignor to The Dow Chemical Company, Midland, Mich. Producing magnesium. 2,214,557; Sept. 10.
Kirk, Royden C., Medford, Mass. Sanding device for automobiles. 2,212,865; Aug. 27.
Kirk, William F., Kansas City, Mo. Anchoring structure for portable ice boxes. 2,187,270; Jan. 16.
Kirkby, Byron W., Brockville, Ontario, Canada. Fruit and vegetable display device. 2,189,114; Feb. 6.
Kirkland, Arthur I., Detroit, Mich. Chuck. 2,220,654; Nov. 5.
Kirkman, Joseph J., and T. W. Cloney, 2nd, Sedalia, Mo. Laundry machine weighting combination. 2,210,246; Aug. 6.
Kirkman, Peter J., Ottawa, Ill., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Corner grinding machine. 2,218,646; Oct. 22.
Kirkman, Peter J., Ottawa, Ill., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Corner grinding machine. 2,218,647; Oct. 22.
Kirkpatrick, Arnold. (See Gardner, H. A., and Kirkpatrick.)
Kirkpatrick, Autry R., Wichita Falls, Tex. Measuring line wiper and oiler. 2,207,487; July 9.
Kirkpatrick, Clifford, Minneapolis, Minn. Key container. 2,208,372; July 16.
Kirkpatrick, George M., assignor to Blaw-Knox Company, Pittsburgh, Pa. Removal of foreign particles from gases. 2,188,439; Jan. 30.
Kirkpatrick, Joseph R. (See Kessler, C. J., and Kirkpatrick.)
Kirkpatrick, Lafayette H., Pasadena, Calif. Well tool or the like. 2,187,037; Jan. 16.
Kirkpatrick, William E., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High-frequency system. 2,223,521; Dec. 3.
Kirkwood, Loren R. (See Holst, P. F. G., and Kirkwood.)
Kirkwood, Loren R., Oaklyn, N. J., assignor to Radio Corporation of America. High fidelity receiver. 2,194,558; Mar. 26.
Kirkwood, Loren R., Audubon, N. J., assignor to Radio Corporation of America. Oscillator tuning system. 2,209,982; Aug. 6.
Kirkwood, Loren R., and P. F. G. Holst, Oaklyn, N. J., assignors to Radio Corporation of America. Muting control system. 2,197,933; Apr. 23.
Kirmes, Erich, London, England. Drop dispensing bottle. 2,212,567; Aug. 27.
Kirsch Company. (See Kirsch, Guy W., assignor.)
Kirsch Company. (See McKerlie, George F., assignor.)
Kirsch Company. (See Peckham, Alfred, assignor.)
Kirsch, Guy W., assignor to Kirsch Company, Sturgis, Mich. Extension curtain rod assembly. 2,201,043; May 14.
Kirsch, Harold E. (See Oetting, Frederick A., assignor.)
Kirschbaum, Harry M., et al. (See Bonner, R. W., and Hall, assignors.)
Kirschbraun, Lester, assignor to The Patent and Licensing Corporation, New York, N. Y. Covering material. 2,190,028; Feb. 13.
Kirschbraun, Lester, assignor to the Patent and Licensing Corporation, New York, N. Y. Making roofing or like covering material. 2,194,427; Mar. 19.
Kirschbraun, Lester, assignor to the Patent and Licensing Corporation, New York, N. Y. Asphalt coated material. 2,194,428; Mar. 19.
Kirschbraun, Lester, assignor to The Patent and Licensing Corporation, New York, N. Y. Composition shingle. 2,210,209; Aug. 6.
Kirsebom, Gustaf N., Westbury-on-Trym, Bristol, assignor to Calloy Limited, London, England. Preparing alloys of calcium with aluminum. 2,190,290; Feb. 13.
Kirshner, Arthur C., assignor to The National Cash Register Company, Dayton, Ohio. Drawer mechanism for cash registers. 2,189,177; Feb. 6.
Kirst, Werner. (See Krahzlein, G., Kirst, and Müller.)
Kirst, Werner, Konigstein in Taunus, Germany, assignor to General Aniline & Film Corporation. Producing fast dyeings. 2,213,193; Sept. 3.
Kirste, Charles J. (See Kirste, John M. and C. J.)

Kirste, John M., Fresno, and C. J. Kirste, Los Angeles, Calif.; said C. J. Kirste assignor to said J. M. Kirste. Printing device and method. 2,211,506; Aug. 13.
Kirsten, Kurt F. J., Seattle, Wash. Tobacco pipe. 2,200,236; May 7.
Kirsten, Kurt F. J., Seattle, Wash. Tobacco pipe. 2,200,237; May 7.
Kirsten, Walter R., St. Louis, Mo. Hose holder. 2,189,364; Feb. 6.
Kirton, Guy A. (See Fletcher, C. L., and Kirton.)
Kirton, Thomas A., Jacksonville, Fla. Shifting means for indicator tapes. 2,212,161; Aug. 20.
Kirwan, John O'D., Bloomfield, assignor to Wallace & Tiernan Company, Inc., Belleville, N. J. Apparatus for supplying gas. 2,206,845; July 2.
Kise, Mearl A., Syracuse, assignor to The Solvay Process Company, New York, N. Y. Treatment of wool. 2,213,399; Sept. 3.
Kishline, Floyd F., Birmingham, and H. G. Sanger, assignors to Graham-Paige Motors Corporation, Detroit, Mich. Fuel system for internal combustion engines. 2,193,533; Mar. 12.
Kisilew, Molly, New York, N. Y. Covering for bedding. 2,210,210; Aug. 6.
Kisling, George. (See Booharin, Leo Y., assignor.)
Kisling, Marjorie B. (See Kisling, Vernon N., assignor.)
Kisling, Vernon N., assignor of one-half to M. B. Kisling, Baltimore, Md. Toy railway rolling stock. 2,187,085; Jan. 16.
Kislingbury, Maud R., and E. E. Runge, Alta, Iowa. Clothespin. 2,209,697; July 30.
Kislyn Corporation. (See Falta, W., Gretener, Neugebauer, and Staude, assignors.)
Kislyn Corporation. (See Gretener, Edgar, assignor.)
Kislyn Corporation. (See Räntsch, Kurt, assignor.)
Kiss, James, Bethlehem, Pa. Coin feeding machine. 2,222,713; Nov. 26.
Kiss, Max, et al. (See Naményi, Ladislas K., assignor.)
Kissam, Allen, Orlando, Fla. Machine for making hollow blocks. 2,192,474; Mar. 5.
Kissam, Allen, Orlando, Fla. Molding machine. 2,198,284; Apr. 23.
Kissinger, John H., Los Angeles, Calif. Bowling game apparatus. 2,211,470; Aug. 13.
Kissock, Alan, Point Pleasant, N. J. Recovery of metals. 2,197,185; Apr. 16.
Kissock, Alan, Laurelton, N. J. Extraction of metals. 2,205,565; June 25.
Kistler, Samuel S., Worcester, Mass. Inorganic aerogel compositions. 2,188,007; Jan. 23.
Kistler, Samuel S., Worcester, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Buffing and polishing composition. 2,222,969; Nov. 26.
Kistler, Samuel S., West Boylston, and C. E. Barnes, assignors to Norton Company, Worcester, Mass. Resin bonded abrasive article. 2,189,733; Feb. 6.
Kistler, Samuel S., West Boylston, and C. E. Barnes, assignors to Norton Company, Worcester, Mass. Resin bonded abrasive article. 2,189,734; Feb. 6.
Kistler, Samuel S., West Boylston, and C. E. Barnes, assignors to Norton Company, Worcester, Mass. Resin bonded abrasive article. 2,189,735; Feb. 6.
Kistler, Samuel S., West Boylston, and C. E. Barnes, assignors to Norton Company, Worcester, Mass. Grinding wheel. 2,195,215; Mar. 26.
Kistler, Samuel S., West Boylston, and C. E. Barnes, assignors to Norton Company, Worcester, Mass. Making abrasive articles. 2,218,795; Oct. 22.
Kistner, Herman H., Baltimore, Md. Safety lock for casement windows. 2,214,884; Sept. 17.
Kistner, Merrill M., assignor to C. P. Parker, Evanston, Ill., and D. Kern, Chicago, Ill., jointly. Bottle closure. 2,212,371; Aug. 20.
Kistner, Merrill M., assignor to C. P. Parker, Evanston, and C. D. Kern, Chicago, Ill. Closure for bottle or the like. 2,212,372; Aug. 20.
Kitchen, Harry E., assignor to Farrel-Birmingham Company, Inc., Buffalo, N. Y. Grinding machine. 2,202,587; May 28.
Kitchens, Leon L., Atlanta, Ga. Flexible tooth gear. 2,212,692; Aug. 27.
Kite, Claude C., Logansport, Ind. Flat tire detector. 2,213,782; Sept. 3.
Kite, Robert P. (See Shafor, R. W., and Kite.)
Kitley, Clyde, Bakersfield, Calif. Boring tool. 2,196,311; Apr. 9.
Kitroser, Isaac, Viroflay, assignor to Société Bronzavia, Courbevoie (Seine), France. Photographic camera. 2,187,128; Jan. 16.
Kitselman, Harry L., assignor to Indiana Steel & Wire Company, Muncie, Ind. Wire fence machine. 2,204,602; June 18.
Kittel, Georg P., Englewood, N. J. Immersion heater for bituminous materials and the like. 2,185,594; Jan. 2.
Kittel, John J., St. Albans, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,214,415; Sept. 10.
Kitterman, Carl C., Albia, Iowa. Vehicle and trailer draft device. 2,201,141; May 21.
Kittle Manufacturing Co. (See Frey, Elmer E., assignor.)
Kittler, Milton J., Detroit, Mich., assignor to G. M. Holley and E. Holley. Power control. 2,189,907; Feb. 13.
Kittner, Robert H., Shaker Heights, and K. J. Durant, Akron, Ohio, assignors to American Hard Rubber Company, New York, N. Y. Rubber sheathing and applying same. 2,209,403; July 30.
Kitto, William H. (See Siedle, A. D., and Kitto.)
Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Absorber for refrigerating systems. 2,196,771; Apr. 9.
Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,202,989; June 4.
Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Refrigeration control. 2,203,496; June 4.
Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,212,663; Aug. 27.
Kitto, William H., and A. D. Siedle, Canton, assignors to The Hoover Company, North Canton, Ohio. Refrigeration. 2,203,497; June 4.
Kittredge, Harvey G., assignor to The Kay & Ess Chemical Corporation, Dayton, Ohio. Rubberlike product. 2,208,305; July 16.
Kittredge, Linus E. (See Carpenter, W. W., and Kittredge.)
Kittredge, Rufus J., Evanston, Ill. Locating device for maps. 2,191,109; Feb. 20.
Kittrell, Milton J., and L. C. Hardsocg, assignors to Hardsocg Manufacturing Company, Ottumwa, Iowa. Connecting miners' extension drills. 2,210,296; Aug. 6.
Kitzelman, Edward H., assignor to Acorn Wire & Iron Works, Chicago, Ill. Removable window grille. 2,222,667; Nov. 26.
Kitzeman, George G., Chicago, Ill. Internal combustion engine. 2,194,022; Mar. 19.
Kitzmiller, Daniel B. (See Stout, H. E., and Kitzmiller.)
Kivialho, Aksel R., and T. P. Koljonen, Helsingfors, Finland; A. S. Koljonen executrix of said T. P. Koljonen, deceased. Automatic postage stamp printing. 2,191,667; Feb. 27.
Kizaur, Arthur J., Cicero, assignor to General Electric X-Ray Corporation, Chicago, Ill. Radiographic method and apparatus. 2,208,265; July 16.
Kizaur, Arthur J., Cicero, assignor to General Electric X-Ray Corporation, Chicago, Ill. Inspection equipment. 2,220,246; Nov. 5.
Kjelgaard, Gregers G. B., Hoosick Falls, N. Y. Chiropractic table. 2,208,502; July 16.
Kjellgren, Bengt R. F., and C. B. Sawyer, Cleveland Heights, assignors to The Brush Beryllium Company, Cleveland, Ohio. Producing metallic beryllium. 2,188,904; Feb. 6.
Kjellgren, Bengt R. F., Rocky River, and C. B. Sawyer, Cleveland Heights, assignors to The Brush Beryllium Company, Cleveland, Ohio. Producing beryllium. 2,204,221; June 11.
Kjenberg, Karl S. R., Helsingfors, Finland. Heat generation for permanent waving of hair. 2,209,460; July 30.
Kjerrman, Bengt A., assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Producing a hardened steel article. 2,197,365; Apr. 16.
Kjerulff, Anton P., Guthrie, Okla. Pipe sewer rod. 2,192,086; Feb. 27.
Kjolseth, Ole K., Erie, Pa., assignor to General Electric Company. Railway truck. 2,208,424; July 16.
Kjolseth, Ole K., Erie, Pa., assignor to General Electric Company. Railway truck. 2,208,425; July 16.
Kjolseth, Ole K., Erie, Pa., assignor to General Electric Company. Railway draft rigging. 2,209,229; July 23.
Kjolseth, Ole K., Erie, Pa., assignor to General Electric Company. Receptacle. 2,219,187; Oct. 22.
Kjolseth, Ole K., Erie, Pa., assignor to General Electric Company. Oscillation restraint device. 2,227,140; Dec. 31.
Klaar, Albert. (See Neureiter, H., and Klaar.)
Klaas, Edwin O., and E. H. Meyers, Cleveland, Ohio, assignors to The Klaas Machine and Manufacturing Company. Finishing machine. 2,194,757; Mar. 26.
Klaas Machine and Manufacturing Company, The. (See Klaas, E. O., and Meyers, assignors.)
Klages, Reynold E., assignor to The Columbus Auto Parts Company, Columbus, Ohio. Joint construction. 2,189,266; Feb. 6.
Klages, Reynold E., assignor to The Columbus Auto Parts Company, Columbus, Ohio. Joint construction. 2,205,981; June 25.
Klages, Reynold E., assignor to The Columbus Auto Parts Company, Columbus, Ohio. Drag link and producing same. 2,215,243; Sept. 17.
Klagfilm, G. m. b. H. (See Schwarz, Karl, assignor.)
Klagges, Henry C., Collingswood, assignor to The Easterbrook Steel Pen Manufacturing Co., Camden, N. J. Mechanical pencil. 2,216,780; Oct. 8.
Klagges, Henry C., Collingswood, assignor to The Easterbrook Steel Pen Manufacturing Co., Camden, N. J. Fountain pen. 2,218,536; Oct. 22.
Klaner, Joseph F., Jr., et al. (See Hammick, Walter, assignor.)
Klangfilm Gesellschaft mit beschrankter Haftung. (See Friemel, Hans, assignor.)
Klangfilm G. m. b. H. (See Schwarz, Karl, assignor.)
Klangfilm G. m. b. H. (See Steube, Fritz, assignor.)

Klapperich, Alfred J., Wilmette, assignor to Peoples Gas By-Products Corporation, Chicago, Ill. Safety thermostatic device. 2,214,928; Sept. 17.
Klare, Hermann. (See Kösslinger, K., Klare, and Rein.)
Klarer, Josef. (See Mietzsch, F., and Klarer.)
Klarfeld, Edward, assignor to Crown Construction Corp., Newark, N. J. Outlet box. 2,216,883; Oct. 8.
Klas, Harold W., Lansing, assignor to General Motors Corporation, Detroit, Mich. Auxiliary shutter. 2,186,299; Jan. 9.
Klassen, Harry G., Chicago, Ill. Tape match container. 2,217,554; Oct. 8.
Klauer, Fritz, Berlin-Charlottenburg, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Cathode ray device. 2,225,455; Dec. 17.
Klauer, Walter E., Dubuque, Iowa. Snow removing mechanism. 2,194,662; Mar. 26.
Klauer, Walter E., Dubuque, Iowa. Discharge control arrangement for snow removing mechanism. 2,216,781; Oct. 8.
Klauer, Walter E., Dubuque, Iowa. Carrying frame for snow removing mechanism. 2,216,782; Oct. 8.
Klauer, Walter E., Dubuque, Iowa. Snow removing mechanism. 2,223,372; Dec. 3.
Klaus, Calvin C., Highland, Ill. Shoe. 2,203,157; June 4.
Klaus, Otto, San Antonio, Tex. Coin controlled scoreboard. 2,189,504; Feb. 6.
Klausner, Ben, Shaker Heights, Ohio. Charring device. 2,195,112; Mar. 26.
Klauss, Howard F., Pittsburgh, Pa. Toy pump. 2,205,747; June 25.
Klaver, Luite, Noordwijkerhout, Netherlands. Color photography. 2,202,257; May 28.
Klavík, Miloš, Prague, Czechoslovakia. Air cooling arrangement for automobiles. 2,194,394; Mar. 19.
Klavík, Miloš, Prague, Czechoslovakia. Spring suspension of automobiles. 2,194,395; Mar. 19.
Klavík, Miloš, Prague, Czechoslovakia. Air supply device for air-cooled rear-engined automobiles. 2,194,396; Mar. 19.
Klavík, Miloš, Prague, Czechoslovakia. Air cooling of automobiles. 2,199,316; Apr. 30.
Klavik, Milos, Prague, Czechoslovakia. Automobile body. 2,202,456; May 28.
Klavík, Miloš, Prague, Czechoslovakia. Air cooling the engines of rear engined automobiles. 2,216,669; Oct. 1.
Klavík, Miloš, Prague, Czechoslovakia. Floor for automobiles. 2,216,670; Oct. 1.
Klavík, Miloš, Prague-Smichov, Czechoslovakia. Front wheel suspension for automobiles. 2,194,397; Mar. 19.
Klavík, Miloš, Prague-Smichov, Czechoslovakia. Ventilation of the motor compartment in streamlined automobiles. 2,194,398; Mar. 19.
Klavík, Miloš, Prague-Smichov, Czechoslovakia. Ventilation of the motor compartment of automobiles. 2,199,317; Apr. 30.
Klavík, Miloš, Prague-Smichov, Czechoslovakia. Mounting of axle springs in automobiles. 2,200,177; May 7.
Klavík, Milos, Prague-Smichov, Czechoslovakia. Blower arrangement in air-cooled motors. 2,202,455; May 28.
Klavík, Miloš, Prague-Smichov, Czechoslovakia. Front axle of rear-motored automobiles. 2,221,196; Nov. 12.
Klavík, Miloš, Koprivnice, Czechoslovakia. Body for vehicles. 2,199,315; Apr. 30.
Kleber, Luther A., assignor to Taylor-Wharton Iron & Steel Company, High Bridge, N. J. Production of composite castings. 2,200,178; May 7.
Kleckner, Alfred J., Neillsville, Wis. Hook. 2,211,273; Aug. 13.
Kleckner, Arthur C., assignor, by mesne assignments, to Webster Electric Company, Racine, Wis. Two-stage fuel pump. 2,223,070; Nov. 26.
Kleen-Kap Corporation. (See Kempe, John G., assignor.)
Kleen, Werner. (See Rothe, H., and Kleen.)
Kleen, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Detector. 2,218,989; Oct. 22.
Kleiber, Carl E., Irvington, N. J., assignor to Standard Oil Development Company. Apparatus for cracking oil. 2,205,765; June 25.
Kleijn, Adrianus, Rotterdam, Netherlands. Apparatus for testing the quality of grain and flour. 2,221,640; Nov. 12.
Kleimenoff, Ivan, Moscow, Union of Soviet Socialist Republics. Cooling system with automatic circulation of the cooling mixture. 2,220,413; Nov. 5.
Klein, Andrew C., and W. E. Payne, Reading, Pa. Bottle top covering. 2,212,712; Aug. 27.
Klein, Charles H., assignor to The National Telephone Supply Company, Cleveland, Ohio. Cable support. 2,210,722; Aug. 6.
Klein, Charles H., and L. H. Burns, Cleveland, Ohio, assignors to The National Telephone Supply Company. Clamping device. 2,210,587; Aug. 6.
Klein, Clarence J., Steubenville, Ohio. Reel structure. 2,211,471; Aug. 13.
Klein, Clarence J., Marland Heights, W. Va., and E. W. Rieger, Bloomingdale, Ohio. Apparatus for shearing. 2,195,535; Apr. 2.
Klein, Clarence J., Marland Heights, W. Va., and H. H. Talbot, Pittsburgh, Pa. Reel structure. 2,211,472; Aug. 13.
Klein, Enrico, Chicago, Ill., assignor to E. Presburg. Polarized dynamic relay. 2,227,351; Dec. 31.
Klein, Felix, assignor to Keystone Brass and Rubber Company, Philadelphia, Pa. Diverter valve. 2,206,609; July 2.
Klein, Felix, Bayside, Long Island, N. J., assignor to Keystone Brass & Rubber Co., Philadelphia, Pa. Diverter valve. 2,219,105; Oct. 22.
Klein, Franklin S., Flushing, N. Y. Electric fuse. 2,220,058; Oct. 29.
Klein, Friedrich W., Deuz, Siegen, Germany. Roll. 2,215,424; Sept. 17.
Klein, George. (See Zum-Berge, Emil H., assignor.)
Klein, George I. (See Beck, T. M., and Klein.)
Klein, Harold E., and W. S. McVay, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Devolatilizing charcoal. 2,224,823; Dec. 10.
Klein, Hugo, Niederschelden, assignor to Huttenwerke Siegerland Aktiengesellschaft, Siegen, Westphalia, Germany. Reducing material containing zinc in shaft furnaces. 2,186,645; Jan. 9.
Klein, Irving, assignor, by mesne assignments, to Patent Novelties Inc., New York, N. Y. Garment hanger. 2,185,253; Jan. 2.
Klein, Isidor, New York, N. Y. Chisel for removing boiler tubes. 2,203,158; June 4.
Klein, Joseph A., Jr., assignor to Mathias Klein & Sons, Chicago, Ill. Lineman's climber. 2,200,450; May 14.
Klein, Louis. (See Widmer, G., and Klein.)
Klein, Louis E., Bronx, N. Y. Elevator car and shaft sliding door. 2,218,068; Oct. 15.
Klein, Louis M., Chicago, Ill., assignor to American Pouch Corporation. Cigarette package. 2,194,168; Mar. 19.
Klein, Ludwig, Hanover, Germany. Pulley. 2,212,779; Aug. 27.
Klein, Mathias, & Sons. (See Klein, Joseph A., Jr., assignor.)
Klein, Maximilian, Sellersville, Pa., assignor to United States Gauge Company, New York, N. Y. Internal siphon gauge. 2,186,871; Jan. 9.
Klein, Maximilian, assignor to United States Gauge Company, Sellersville, Pa. Steam gauge. 2,186,872; Jan. 9.
Klein, Maximilian, Sellersville, and W. E. Pfeffer, South Perkasie, assignors to United States Gauge Company, Sellersville, Pa. Miniature bulb and socket construction. 2,190,875; Feb. 20.
Klein, Maximilian, Sellersville, and W. E. Pfeffer, South Perkasie, assignors to United States Gauge Company, Sellersville, Pa. Miniature bulb and socket construction. 2,210,764; Aug. 6.
Klein, Noar. (See Robinson, Robert M., assignor.)
Klein, Peter J., and G. Froio, Washington, D. C. Spike device. 2,222,747; Nov. 26.
Klein, Richard H., Shaker Heights, and N. R. Lozier, Ravenna, Ohio. Container cover and container. 2,215,907; Sept. 24.
Klein, Solomon, assignor to S. Simpson Limited, London, England. Sport trousers. 2,206,505; July 2.
Klein, Victor G. (See Fox, A. P., and Klein.)
Klein, Victor G. (See Rotter, L. C., and Klein.)
Klein, Victor G., assignor to Lincoln Engineering Company, St. Louis, Mo. Valve mechanism. 2,215,852; Sept. 24.
Klein, Victor G., St. Louis, and W. S. Jordan, St. Louis County, assignors to Lincoln Engineering Company, St. Louis, Mo. Pumping apparatus. 2,221,585; Nov. 12.
Klein, Walter. (See Haderer, O. C., and Klein.)
Kleinberg, Joseph H., Cincinnati, Ohio. Glider toy. 2,186,587; Jan. 9.
Kleindienst, Albert, Berlin-Pankow, and D. Muller-Hillebrandt, Berlin-Charlottenburg, Germany, assignors to Westinghouse Electric and Manufacturing Company. Circuit interrupter. 2,223,729; Dec. 3.
Kleine, Charles, Kingston, N. Y. Hair drying apparatus. 2,227,262; Dec. 31.
Kleine, Johannes, Dessau, W. Zetzsche, Premnitz, and P. Saffert, Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of artificial fibers for spinning. 2,191,296; Feb. 20.
Kleineberg, Paul E., P. Schweizer, and A. W. Wilks, Easton, Pa., assignors to T. W. & C. B. Sheridan Company, New York, N. Y. Sheet or signature feeding and gathering. Re. 21,489; June 25.
Kleiner, Helmut, Cologne-Mulheim, and D. Delfs and O. Bayer, Leverkusen-Wiesdorf, Germany, assignors to General Aniline & Film Corporation. Azo dyestuffs. 2,190,172; Feb. 13.
Kleinert, I. B., Rubber Company. (See Guinzburg, Roland H., assignor.)
Kleinfeldt, Henry F., Bloomfield, N. J., assignor to Abbé Engineering Co., Inc., New York, N. Y. Cushioning and centering device for jar mills. 2,225,417; Dec. 17.
Kleinknecht, William J., Garden City, N. Y., assignor to American District Telegraph Company, Inc., Jersey City, N. J. Tube coupling and method and apparatus for making same. 2,190,478; Feb. 13.
Kleinknecht, William J., Garden City, assignor to American District Telegraph Company, Inc., Jersey City, N. J. Fire alarm aerotube apparatus. 2,203,055; June 4.
Kleinman, Jack, New York, N. Y. Vise clamp. 2,195,277; Mar. 26.

Kleinman, Jacob L., New York, N. Y. Razor. 2,195,839; Apr. 2.
Kleinschmidt, Edward E., Highland Park, Ill. Selective system and printing telegraph apparatus. 2,192,350; Mar. 5.
Kleinschmidt, Edward E., Highland Park, Ill. Selecting and printing apparatus. 2,192,351; Mar. 5.
Kleinschmidt, Edward E., Highland Park, Ill. Receiving perforator. 2,192,352; Mar. 5.
Kleinschmidt, Edward E., Highland Park, Ill. Printing telegraph receiver. 2,192,353; Mar. 5.
Kleinschmidt, Edward E., Highland Park, Ill. Printing telegraph receiver. 2,192,354; Mar. 5.
Kleinschmidt, Edward E., Highland Park, assignor to Teletype Corporation, Chicago, Ill. Automatic message exchange system. 2,193,967; Mar. 19.
Kleinschmidt, Edward E., Highland Park, assignor to Teletype Corporation, Chicago, Ill. Telegraphic transmitting device. 2,194,663; Mar. 26.
Kleinschmidt, Edward E., Highland Park, assignor to Teletype Corporation, Chicago, Ill. Pneumatic printer. 2,218,113; Oct. 15.
Kleinschmidt, Edward E., Highland Park, Ill., assignor to Teletype Corporation, Chicago, Ill. Page printer. 2,227,141; Dec. 31.
Kleinschmidt, Edward E., Highland Park, and D. S. Hulfish, assignors to Teletype Corporation, Chicago, Ill. Electrical signal repeating system. 2,198,344; Apr. 23.
Kleinschmidt, Robert V., Stoneham, assignor to Arthur D. Little, Incorporated, Cambridge, Mass. Distillation method and apparatus. 2,185,595; Jan. 2.
Kleinschmidt, Robert V., Stoneham, assignor to Arthur D. Little, Incorporated, Cambridge, Mass. Method of and apparatus for distillation. 2,185,596; Jan. 2.
Kleinsmith, William H. (See Crook, H. L., George, and Kleinsmith.)
Kleinsteuber, Werner. (See Dällenbach, W., and Kleinsteuber.)
Kleist, Dale, and G. Slayter, Newark, Ohio, assignors, by mesne assignments, to Owens-Corning Fiberglas Corporation. Apparatus for clearing matted material from a supporting screen. 2,192,917; Mar. 12.
Kleist, Herman W., assignor to Dole Refrigerating Company, Chicago, Ill. Cooling method and apparatus. 2,217,702; Oct. 15.
Klement, Franz, Hohenneuendorf, near Berlin, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Receiving and transmitting signals. 2,197,867; Apr. 23.
Klemm, Karl, Dresden, Germany. Lifting platform. 2,204,365; June 11.
Klemme, Roland M. (See Miller, Fred A., assignor.)
Klemmer, Edward H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Differential protective scheme. 2,205,206; June 18.
Klemperer, Hans, Belmont, Mass. Ignitron starter circuit. 2,222,620; Nov. 26.
Klemperer, Hans, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge device. 2,189,635; Feb. 6.
Klemperer, Hans, Newtonville, Mass., assignor to General Electric Company. Rectifier circuits. 2,206,701; July 2.
Klemperer, Otto. (See Broadway, L. F., and Klemperer.)
Klemperer, Otto, Iver, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electron lens. 2,212,208; Aug. 20.
Klemperer, Otto, Iver, England, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electron discharge device utilizing electron multiplication. 2,203,225; June 4.
Klemperer, Otto, Iver, Buckinghamshire, England, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Cathode ray tube. 2,227,092; Dec. 31.
Klemschofski, Karl, Little Ferry, and P. Vrana, West New York, N. J. Machine for the manufacture of porous pipe. 2,185,597; Jan. 2.
Klenk, Wilfried, and E. Behm, Berlin, assignors to Mix & Genest Aktiengesellschaft, Berlin-Schoneberg, Germany. Manual telephone exchange. 2,226,725; Dec. 31.
Klepac, Joseph, Grand Haven, Mich., assignor to Story & Clark Piano Company, Chicago, Ill. Piano string plate construction. 2,217,021; Oct. 8.
Klett, Erich, Stuttgart-Bad Cannstatt, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Hand spraying implement. 2,195,929; Apr. 2.
Klewer, John L., Chicago, Ill. Chocolate and making same. 2,189,144; Feb. 6.
Kleynen, Petrus H. J. A. (See Strutt, M. J. O., and Kleynen.)
Klicka, Rudolf, Pittsburgh, Pa. Artificial denture. 2,203,226; June 4.
Kliegl Bros. Universal Electric Stage Lighting Co. Inc. (See Kliegl, Joseph, assignor.)
Kliegl, Joseph, assignor to Kliegl Bros. Universal Electric Stage Lighting Co. Inc., New York, N. Y. Door latch. 2,217,485; Oct. 8.
Kliempt, Franz. (See Wilcken, K., Kliempt, Fritz, and Heck.)
Kliesrath, Victor W., assignor to Bendix Products Corporation, South Bend, Ind. Internal combustion engine. 2,185,254; Jan. 2.
Kliesrath, Victor W., South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Manufacture of burner elements. 2,201,777; May 21.
Kliesrath, Victor W., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Clutch control mechanism. 2,217,956; Oct. 15.
Kliesrath, Victor W., assignor to Bendix Aviation Corporation, South Bend, Ind. Gear shifting mechanism. 2,219,323; Oct. 29.
Kliesrath, Victor W., South Bend, Ind., and R. S. Sanford, New York, N. Y., assignors to Bendix Products Corporation, South Bend, Ind. Hydraulic gearshift mechanism. 2,212,442; Aug. 20.
Klimek, Gustav A., East Rutherford, N. J. Blade construction for fluid power transmitter. 2,216,747; Oct. 8.
Kline, Bernard L., Manhasset, and W. N. Engler, Scarsdale, assignors to The Western Union Telegraph Company, New York, N. Y. Method of and apparatus for electrical recording. 2,225,247; Dec. 17.
Kline, Hayden B., Cleveland, and L. J. Jordan, Fairview, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Thread-advancing reel. 2,203,686; June 11.
Kline, Hayden B., Lakewood, and L. J. Jordan, Fairview Village, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Drying wet thread. 2,204,500; June 11.
Kline, Hayden B., Cleveland, and L. J. Jordan, Fairview Village, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Apparatus for drying thread or the like. 2,204,603; June 18.
Kline, Hayden B., Cleveland, and L. J. Jordan, Fairview, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Thread or the like. 2,209,983; Aug. 6.
Kline, Hayden B., and W. F. Knebusch, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Apparatus for drying thread or the like. 2,222,817; Nov. 26.
Kline, Hayden B., Cleveland, W. F. Knebusch, Fairview Village, and A. H. Burkholder, Lakewood, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Apparatus for manufacturing thread or the like. 2,225,640; Dec. 24.
Kline, James T. (See Walsh, R. E., Van Valkenburg, and Pierson, assignors.)
Kline, James T., Fairfield, Conn. Apparatus for producing wound packages. 2,214,332; Sept. 10.
Kline, James T., assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 2,224,032; Dec. 3.
Kline, John E., Grosse Pointe Farms, assignor to Micromatic Hone Corporation, Detroit, Mich. Tool for machining tapered bores. 2,200,506; May 14.
Kline, Lee A., Niles, Ohio. Depolarization of primary cells. 2,189,666; Feb. 6.
Kline, Virgil C., Scarsdale, assignor to Johns-Manville Corporation, New York, N. Y. Insulated structure. 2,220,999; Nov. 12.
Kline, William R., Brooklyn, N. Y. Binder post. 2,208,943; July 23.
Kling, August J., Schenectady, N. Y., assignor to General Electric Company. Discharge device. 2,188,186; Jan. 23.
Kling, Elmer M., Newton Center, Mass. Valve construction. 2,202,211; May 28.
Klingele, Herman F., Worcester, Mass., assignor to Landis Tool Company, Waynesboro, Pa. Automatic multiple crank-pin grinding machine. Re. 21,582; Sept. 24.
Klingelhoefer, William C. (See Moyer, W. W., and Klingelhoefer.)
Klingelnberg, W. Ferd., Söhne. (See Schicht, Heinrich, assignor.)
Klingenstierna, Claës A., Karlstad, Sweden. Insertion for tobacco pipes. 2,200,793; May 14.
Klinger, Adolph F., Hellertown, Pa., assignor to Edison-Splitdorf Corporation, West Orange, N. J. Glow plug. 2,205,145; June 18.
Klinger, Karl, Wurzburg, assignor to the firm "Schnellpressenfabrik Koenig & Bauer," Aktiengesellschaft, Wurzburg, Bavaria, Germany. Device for inking in the copper cylinder in intaglio printing. 2,226,311; Dec. 24.
Klinkenstein, Gustave, Maplewood, N. J., assignor to F. Neuschaefer, New York, N. Y. Fingernail lacquer-polish remover. 2,211,129; Aug. 13.
Klinker, John J., assignor to A. W. Cash Company, Decatur, Ill. Combustion control. 2,212,606; Aug. 27.
Klinker, John J., assignor to A. W. Cash Company, Decatur, Ill. Furnace pressure regulation. 2,225,871; Dec. 24.
Klinker, Louis G. (See Drapeau, J. E., Jr., and Klinker.)
Klinker, Louis G. (See Sandler, L., and Klinker.)
Klinker, Louis G., assignor to Johnson Bronze Company, New Castle, Pa. Making metallic molding powders. 2,200,369; May 14.
Klipsch, Paul W., Houston, Tex., assignor to Western Cartridge Company, New Haven, Conn. Stock-and-barrel assembly for firearms. 2,205,982; June 25.
Klocke, William, Woodhaven, N. Y. Hydromechanical press. 2,224,968; Dec. 17.
Klockner-Humboldt-Deutz, A. G. (See Müller, H., and Pischinger.)

Klod, John A., Chicago, Ill. Cutter and blade therefor. 2,196,455; Apr. 9.
Kloepping, Roy, Oakland, Calif. Strap ball. 2,226,246; Dec. 24.
Klok, Carl R., Tipler, Wis. Paste container. 2,210,297; Aug. 6.
Kloos, Gerard, Mount Vernon, assignor to Philips Metalix Corporation, New York, N. Y. X-ray apparatus. 2,215,399; Sept. 17.
Kloote, George E., Grand Rapids, Mich., assignor to Haskelite Manufacturing Corporation. Floor panel for aircraft. 2,199,938; May 7.
Klopfenstein, Jesse D., Fort Wayne, Ind., assignor to Colorgraphic Process Corporation. Printing machine. 2,196,678; Apr. 9.
Klopfenstein, Robert S., Wichita, Kans. Cultivating tool. 2,203,159; June 4.
Klopfer, Charles E., Washington, D. C. Folding scissors. 2,198,539; Apr. 23.
Klopprogge, Martin, Berlin-Zehlendorf, Germany, assignor to General Electric Company. Discharge device. 2,185,852; Jan. 2.
Klös, Heinrich, Wuppertal-Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Basic methyl mercury nitrate. 2,214,278; Sept. 10.
Klotsch, Paul, assignor to Briggs Manufacturing Company, Detroit, Mich. Motor vehicle. 2,206,901; July 9.
Klotz, Ernst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Band-pass filter arrangement. 2,206,096; July 2.
Klotz, Milton, et al. (See Klotz, Otto, assignor.)
Klotz, Otto, Philadelphia, Pa. Automatic controlling mechanism. 2,214,792; Sept. 17.
Klotz, Otto, assignor of one-third to M. Klotz, and one-third to J. Kramer, Chicago, Ill. Supporting and delivering hairpins and the like. 2,217,058; Oct. 8.
Kloza, Daniel C., Harrison, N. J. Shoe cleaning shield. 2,202,560; May 28.
Kluftinger, Hermann, Augsburg, Germany. Passage type drawing frame for spinning fibers of various staple dimensions. 2,188,408; Jan. 30.
Klug, Eugene D., assignor to Hercules Powder Company, Wilmington, Del. Producing reaction products of ammonia and aldose sugars. 2,197,540; Apr. 16.
Klug, Harry J., Aspinwall, assignor to The National Supply Company, Pittsburgh, Pa. Method and apparatus for making tubular members. 2,217,985; Oct. 15.
Kluge, Werner. (See Knoblauch, H., and Kluge.)
Klüge, Werner. (See Schröter, F., Knoll, Klüge, and Etzold.)
Kluitmann, Leo, Dusseldorf, Germany. Heliographic printing machine. 2,220,526; Nov. 5.
Klumb, Carl E., West Bend, and R. H. Hecker, Milwaukee, Wis. Gauge and outlet fitting for drums. 2,216,917; Oct. 8.
Klumpp, Ferdinand, and F. Lambach, Weehawken, N. J.; said Lambach assignor to said Klumpp. Knitting machine. 2,200,280; May 14.
Klumpp, Gottlob, New York, N. Y. Safety bolt. 2,203,333; June 4.
Klusmeyer, Harry B., Chicago, Ill. Cooking vessel. 2,217,555; Oct. 8.
Klute, Samuel, South Bend, Ind. Range construction 2,217,059; Oct. 8.
Klute, Samuel, assignor to Malleable Steel Range Manufacturing Company, South Bend, Ind. Range door. 2,192,231; Mar. 5.
Kmentt, Waldemar D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method of and apparatus for notching strip material. 2,198,501; Apr. 23.
Knaack, Rudloph F., Brunswick, N. Y., assignor to Consolidated Car Heating Company, Inc., Albany, N. Y. Thermal alarm. 2,203,414; June 4.
Knabe, Richard. (See Burkhardt, A., and Knabe.)
Knabe, Robert G., Tucson, Ariz. Toy machine gun. 2,221,240; Nov. 12.
Knable, Oscar A., Lakewood, and C. N. Mertes, Berea, assignors to General Dry Batteries, Inc., Cleveland, Ohio. Apparatus for charging siphon bottles. 2,199,665; May 7.
Knable, Raymond, Chicago, Ill. Electric vibrating scraper 2,196,560; Apr. 9.
Knaggs, Donald W., City Island, assignor to Anigraphic Process, Inc., New York, N. Y. Machine for printing on jars. 2,195,625; Apr. 2.
Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Insulated container and stopper. 2,207,543; July 9.
Knapp, Andrew S., Belleville, Ill., assignor, by mesne assignments, to Electrix Corporation, Pawtucket, R. I. Plug connector construction. 2,214,024; Sept. 10.
Knapp, Archer L., Grosse Pointe, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle antenna. 2,204,861; June 18.
Knapp, Archer L., Grosse Pointe, assignor to Packard Motor Car Company, Detroit, Mich. Door latch mechanism. 2,211,130; Aug. 13.
Knapp, Burton B., Westfield, N. J., assignor to The International Nickel Company, Inc., New York, N. Y. Black nickel finish. 2,221,641; Nov. 12.
Knapp, David R., assignor to Rol-A-Way Truck Company, Philadelphia, Pa. Wheel truck. 2,198,438; Apr. 23.
Knapp, Julius, administrator. (See Grimm, H., and Huppert.)
Knapp, Leland G., Chicago, and T. V. Parke, Glen Ellyn assignors to Montgomery Ward & Co., Incorporated Chicago, Ill. Agitator for washing machines. 2,189,862; Feb. 13.
Knapp-Monarch Company. (See Braun, Gwilym S., assignor.)
Knapp-Monarch Company. (See Collins, Harry, assignor.)
Knapp-Monarch Company. (See Fischer William H., assignor.)
Knapp-Monarch Company. (See Galligan, Thomas E., assignor.)
Knapp-Monarch Company. (See Gundelfinger, William E., assignor.)
Knapp-Monarch Company. (See Gundelfinger, W. E., and Lamb, assignors.)
Knapp-Monarch Company. (See Howard, L., and Smith, assignors.)
Knapp-Monarch Company. (See Huffman, Russell I., assignor.)
Knapp-Monarch Company. (See Knapp, Andrew S., assignor.)
Knapp-Monarch Company. (See Knapp, Raymond, assignor.)
Knapp-Monarch Company. (See Kochner, William B., assignor.)
Knapp-Monarch Company. (See Maurer, Charles C., assignor.)
Knapp-Monarch Company. (See Newnham, Eugene, assignor.)
Knapp-Monarch Company. (See Smith, Howard A., assignor.)
Knapp-Monarch Company. (See Vea, Norman D., assignor.)
Knapp-Monarch Company. (See Ward, Lawrence T., assignor.)
Knapp, Prosper R., Los Angeles, Calif. Baby's nipple tongs. 2,196,441; Apr. 9.
Knapp, Raymond, Long Island City, N. Y., assignor to Knapp-Monarch Company, St. Louis, Mo. Shaving device and motor therefor. Re. 21,363; Feb. 20.
Knapp, Raymond, Long Island City, N. Y., assignor to Knapp-Monarch Company, St. Louis, Mo. Dry shaver. 2,187,271; Jan. 16.
Knapp, Raymond, Long Island City, N. Y., assignor to Knapp-Monarch Company, St. Louis, Mo. Electrical fitting for cord sets. 2,190,363; Feb. 13.
Knapp, Raymond, Long Island City, N. Y., assignor to Knapp-Monarch Company, St. Louis, Mo. Hair clipper. 2,198,118; Apr. 23.
Knapp, Raymond, Long Island City, N. Y., assignor to Knapp-Monarch Company, St. Louis, Mo. Hair clipper. 2,222,106; Nov. 19.
Knapp, Raymond, Long Island City, N. Y., assignor to Knapp-Monarch Company, St. Louis, Mo. Dry shaving device. 2,222,107; Nov. 19.
Knapp, Robert F. (See Johnson, R. L. Knapp, Cooper, and Lyons.)
Knapp, Walter, Manheim Township, Lancaster County, assignor to De Walt Products Corporation, Lancaster, Pa. Reciprocatory carriage structure. 2,185,304; Jan. 2.
Knapp, William, Hollis, N. Y. Ceiling and wall lighting fixture. 2,207,408; July 9.
Knapp, William A., Lubbock, Tex. Burner apparatus for manufacturing carbon and lamp black. 2,194,980; Mar. 26.
Knapp, William A., Monroe, La., assignor to Imperial Oil & Gas Products Company, Pittsburgh, Pa. Making carbon black. 2,204,366; June 11.
Knapp, William E., Moline, Ill., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Beet lifter. 2,216,115; Oct. 1.
Knapp, William G., assignor to Tri-Tix, Incorporated, Evanston, Ill. Fishhook guard. 2,185,507; Jan. 2.
Knappenberger, John, Kansas City, Mo. Garment and support therefor. 2,223,621; Dec. 3.
Knauber, Albert P., Milwaukee, Wis. Steering wheel switch. 2,211,131; Aug. 13.
Knaus, Nicholaus, Newark, and P. J. Anton, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Thread-controlling mechanism for overedge sewing machines. 2,218,796; Oct. 22.
Knaust, Henry E., assignor to Vita Sales Corporation, St. Louis, Mo. Automatic sandwich-making machine. 2,201,402; May 21.
Knaust, Henry E., assignor to Vita Sales Corporation, St. Louis, Mo. Ice-cream scoop. 2,201,403; May 21.
Kneale, Robert D., and H. Cannon, Atlanta, Ga. Roasting coffee. 2,212,120; Aug. 20.
Kneass, Strickland, Jr., assignor to Morgan Construction Company, Worcester, Mass. Heating furnace. 2,214,421; Sept. 10.
Knebusch, Walter F. (See Jordan, L. J., Andersson, and Knebusch.)
Knebusch, Walter F. (See Kline, H. B., and Knebusch.)
Knebusch, Walter F. (See Kline, H. B., Knebusch, and Burkholder.)
Knebusch, Walter F. (See Torrence, G. P., Bergmann, and Knebusch.)
Knebusch, Walter F., Rocky River, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Thread store device. 2,188,359; Jan. 30.

Knebusch, Walter F., Rocky River, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Thread advancing reel. 2,210,911; Aug. 13.
Knebusch, Walter F., Rocky River, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Reel structure. 2,210,912; Aug. 13.
Knebusch, Walter F., Rocky River, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Winding reel. 2,210,914; Aug. 13.
Knebusch, Walter F., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Winding reel. 2,210,913; Aug. 13.
Knebusch, Walter F., Dayton, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Apparatus for processing thread or the like. 2,225,641; Dec. 24.
Knebusch, Walter F., and A. H. Burkholder, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Apparatus for handling thread or the like. 2,188,905; Feb. 6.
Knebusch, Walter F., Cleveland, and F. F. Hillix, Lakewood, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Apparatus for transferring thread. 2,207,588; July 9.
Knebusch, Walter F., and A. H. Burkholder, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Manufacture of thread or the like. 2,225,642; Dec. 24.
Knebusch, Walter F., and A. H. Burkholder, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Apparatus for the manufacture of thread or the like. 2,225,643; Dec. 24.
Knebusch, Walter F., Rocky River, and A. H. Burkholder, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Drip pan. 2,226,286; Dec. 24.
Kneisley, Richard F., and R. E. Wolfe, assignors to The American Floor Surfacing Machine Company, Toledo, Ohio. Floor surfacing machine. 2,198,876; Apr. 30.
Kneubuehl, Herman J., Shanesville, assignor of one-half to O. Stockli, Sugarcreek, Ohio. Safety mechanism for firearms. 2,198,824; Apr. 30.
Knick, Ulrich, Steglitz, assignor to the firm of Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Scanning device. 2,195,863; Apr. 2.
Knick, Ulrich, Berlin-Steglitz, assignor to Fernseh Aktiengesellschaft, Berlin-Zehlendorf, Germany. Centering circuit for cathode ray tubes. 2,216,273; Oct. 1.
Knickerbocker Development Corporation. (See Heyer, Benjamin F. W., assignor.)
Knickerbocker Rubber Company. (See Holden, Orloff W., assignor.)
Kniehahn, Werner, Chemnitz, and F. G. H. Eggers, assignors to Wanderer-Werke Aktiengesellschaft, Siegmar-Schonau, Germany. Paper feeding arrangement on writing or printing machines. 2,216,081; Sept. 24.
Kniepkamp, Heinrich, Berlin-Pankow, assignor to Siemens and Halske Aktiengesellschaft, Siemensstadt-Berlin, Germany. Gas discharge tube. 2,192,162; Feb. 27.
Kniepkamp, Heinrich, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electrode system for cathode ray tubes. 2,202,588; May 28.
Knight, Albert B., Fairmont, W. Va. Grinding apparatus. 2,185,344; Jan. 2.
Knight, Alfred W., South Pasadena, assignor to International Precipitation Company, Los Angeles, Calif. Variable flow dust collector. 2,209,339; July 30.
Knight, Arthur H., Blackley Manchester, England, assignor to Imperial Chemical Industries Limited. Azo dyestuffs. 2,220,963; Nov. 12.
Knight, Charles E. (See Riddle, H. S., and Knight.)
Knight, Chesterton S., assignor to Geo. Knight & Co., Brockton, Mass. Cutting die for ornamenting parts of shoe uppers. 2,213,586; Sept. 3.
Knight, Donald B., Brooklyn, N. Y., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,188,476; Jan. 30.
Knight, Earle R., Norwood, Ohio, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Dynamo-electric machine. 2,193,408; Mar. 12.
Knight, Ernest W., and S. E. Pratt, Coventry, England. Convertible seat. 2,215,758; Sept. 24.
Knight, Geo., & Co. (See Knight, Chesterton S., assignor.)
Knight, Geo., & Co. (See Simister, Louis W., assignor.)
Knight, Herbert A., Oak Park, assignor to J. M. Bundscho, Inc., Chicago, Ill. Type securing device. 2,216,293; Oct. 1.
Knight, Herbert M., Montclair, N. J. Sheet piling. 2,189,804; Feb. 13.
Knight, Herbert M., Montclair, N. J. Flood protection means. 2,202,662; May 28.
Knight, Hugh, Claremont, Calif., assignor, by mesne assignments, to Shell Development Company. Oil tree spray. 2,190,173; Feb. 13.
Knight, Ira W., assignor to General Fire Extinguisher Company, Providence, R. I. Control apparatus. 2,192,748; Mar. 5.
Knight, Ira W., assignor to General Fire Extinguisher Company, Providence, R. I. Thermostatic controller for unit heat exchangers. 2,207,865; July 16.
Knight, James K., Sr., Bartlett, Tex. Tree and brush cutter. 2,214,334; Sept. 10.
Knight, Lewis A., assignor to The Lasting Products Company, Baltimore, Md. Blower for applying comminuted material. 2,219,208; Oct. 22.
Knight, Oliph M., and W. C. Le Mire, Miami, Fla. Speed indicating governor for motor vehicles. 2,208,904; July 23.
Knight, Ronald F., Ramsey, N. J., assignor, by mesne assignments, to The R. W. Cramer Company, Incorporated, Essex, Conn. Clamping device. 2,193,820; Mar. 19.
Knight, William W., assignor to Roth Rubber Company, Cicero, Ill. Apparatus for treating rubber. 2,190,266; Feb. 13.
Kniskern, Walter H., Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Process and apparatus for producing reaction mixtures. 2,222,870; Nov. 26.
Kniss, Frank C., Eldorado, Ark. Perforating gun for oil wells. 2,203,265; June 4.
Knittel, Joseph S. (See Greenlee, E. M., and Knittel.)
Knitting Machines Corporation. (See Miller, Max C., assignor.)
Knoblauch, Henning, Berlin-Halensee, and W. Kluge, Berlin-Wilmersdorf, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television transmitter tube. 2,220,964; Nov. 12.
Knoblaugh, Armand F. (See Morse, A. H., and Knoblaugh.)
Knobloch, Carl, Warren, Ohio. Liquid volume gauge. 2,191,533; Feb. 27.
Knoblock, Eugene C., assignor to Mastic Asphalt Corporation, South Bend, Ind. Spot-saturated composition board. 2,210,321; Aug. 6.
Knöchl, Leo, assignor to L. Schuler A. G., Goppingen, Germany. Friction clutch. 2,210,459; Aug. 6.
Knode, Oliver M., Winnetka, assignor to United States Gypsum Company, Chicago, Ill. Mixer. 2,220,683; Nov. 5.
Knode, Oliver M., Winnetka, J. A. Besal, and F. M. Thorman, assignors to United States Gypsum Company, Chicago, Ill. Mixer. 2,220,684; Nov. 5.
Knoebel, Walter C., Kirkwood, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Piston expander. 2,223,787; Dec. 3.
Knoefel, Julius, Leverkusen-Weisdorf, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Production of mat light-sensitive photographic paper. 2,221,873; Nov. 19.
Knoerzer, Otto, assignor to Champion Corporation, Hammond, Ind. Irrigating pipe coupling. 2,199,939; May 7.
Knoerzer, Otto, assignor to Champion Corporation, Hammond, Ind. Irrigating pipe connector. 2,218,756; Oct. 22.
Knoess, George D., New York, N. Y. Interchangeable identification pull device for slide fasteners. 2,185,853; Jan. 2.
Knoll, Max. (See Diels, K., and Knoll.)
Knoll, Max. (See Schröter, F., Knoll, Klüge, and Etzold.)
Knoll, Max, Berlin, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electronic device. 2,188,661; Jan. 30.
Knoll, Max, assignor to Telefunken Gesellschaft fur Drahtlose Telegraphie m. b. H., Berlin, Germany. Electrode structure. 2,193,101; Mar. 12.
Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Infrared ray generator and communication system. 2,222,668; Nov. 26.
Knoll, Max, Berlin-Charlottenburg, Germany, assignor to Radio Corporation of America, New York, N. Y. Cathode-ray oscillograph. 2,227,189; Dec. 31.
Knoll, Max, and J. Schloemilch, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray tube. 2,195,460; Apr. 2.
Knoll, William V., Dayton, Ohio. Apparatus for extracting gelatin and glue. 2,215,528; Sept. 24.
Knoop, William A., West Hempstead, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electro-optical image producing system. 2,195,864; Apr. 2.
Knoop, William A., Hempstead, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Television image producing system. 2,196,867; Apr. 9.
Knoop, William A., Hempstead, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multiple channel electro-optical system. 2,203,870; June 11.
Knopf, Albert M., Philadelphia, Pa. Instruction and amusement apparatus. 2,193,597; Mar. 12.
Knopf, Erich. (See Steinschneider, M., and Knopf.)
Knopp, Bernard, Bennett, Nebr. Egg candler and dater. 2,213,009; Aug. 27.
Knopp, William A., Hempstead, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Lamp. 2,198,513; Apr. 23.
Knorr-Bremse Aktiengesellschaft. (See Witte, Friedrich, assignor.)
Knos, Gunnar B. (See Horowitz, A., and Knos.)
Knös, Gunnar B., and A. Horowitz, Eindhoven, Netherlands, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Tuning mechanism. 2,205,097; June 18.
Knoth, Harold M., Chicago, Ill., assignor to International Harvester Company. Bearing. 2,211,898; Aug. 20.
Knoth, Harold M., Chicago, Ill., assignor to International Harvester Company. Wheel. 2,217,867; Oct. 15.

Knott, Arthur J., Natick, Mass. Doll's eye construction. 2,202,106; May 28.
Knott, Edward B. (See Ayres, D. E. R., Batley, and Knott.)
Knott, Warren E., Newark, N. J., assignor to Excelsior Pearl Works, Inc., New York, N. Y. Button blank feeding apparatus. 2,222,179; Nov. 19.
Knowles, Dewey D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Low grid current glow tube. 2,200,089; May 7.
Knowles, Dewey D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cathode for electronic tubes. 2,210,674; Aug. 6.
Knowles, Dewey D., Wilkinsburg, and G. S. Evans, Turtle Creek, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Long life cathode for electron tubes. 2,189,636; Feb. 6.
Knowles, Edward R., Bridgeport, Conn., assignor to The Watson-Stillman Co., Roselle, N. J. Injection molding device. 2,227,263; Dec. 31.
Knowles, Edwin M., China Company, The. (See Anderson, W. H. L., King, and McElroy, assignors.)
Knowles, Francis, Wilmington, Del., and W. H. Lycan, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of dichloroindanthrone. 2,205,418; June 25.
Knowles, Frank W., Seattle, Wash. Refrigerator closure. 2,215,964; Sept. 24.
Knowles, John H., Larchmont, and H. B. Coulter, Mamaroneck, assignors to The Dorr Company, Inc., New York, N. Y. Liquid distributor. 2,215,181; Sept. 17.
Knowlton, Chase H., Greenburgh, N. Y., and G. M. Davies, Fair Lawn, N. J., assignors to The New York Central Railroad Company. Streamlined locomotive. 2,204,137; June 11.
Knowlton, Clarence S. (See Buch, P. E., and Knowlton.)
Knowlton, Clarence S., Springfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High or low voltage indicating system. 2,197,868; Apr. 23.
Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Box making. 2,186,977; Jan. 16.
Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Slitting mechanism for box making machines. 2,201,184; May 21.
Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Making box blanks and boxes. 2,201,185; May 21.
Knowlton, Norwood H., Rockport, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Buffing machine. 2,218,537; Oct. 22.
Knowlton, Norwood H., Rockport, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Abrading tool. 2,218,538; Oct. 22.
Knowlton, Norwood H., Rockport, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for operating on shoes. 2,222,774; Nov. 26.
Knowlton, Paul H., Schenectady, N. Y., assignor to General Electric Company. Emergency governing apparatus. 2,188,187; Jan. 23.
Knowlton, Paul H., Jr., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid power plant. 2,204,138; June 11.
Knowlton, Paul H., Jr., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid power plant. 2,204,139; June 11.
Knowlton, Robert R., Ceredo, W. Va. Dual confection device. 2,226,474; Dec. 24.
Knox, Arthur D., et al. (See Rayburn, Alden G., assignor.)
Knox, Benjamin D., St. Louis, Mo. Dispensing machine. 2,215,004; Sept. 17.
Knox, George A. (See Tyler, E. D., and Knox.)
Knox, Granville S., assignor to Hydril Company, Los Angeles, Calif. Well pipe plug. 2,205,748; June 25.
Knox, Granville S., assignor to Hydril Company, Los Angeles, Calif. Well pipe plug. 2,217,986; Oct. 15.
Knox, Harry A., Washington, D. C. Vehicle track chain. 2,186,978; Jan. 16.
Knox, Harry A., Washington, D. C. Vehicle track chain. 2,186,979; Jan. 16.
Knox, Samuel L. G., Englewood, N. J. Valve mechanism for elastic fluid engines. 2,193,821; Mar. 19.
Knox, Samuel L. G., Englewood, N. J. Multiple expansion engine. 2,193,822; Mar. 19.
Knox, Samuel L. G., Englewood, N. J., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Saddle block for power shovels. 2,211,783; Aug. 20.
Knox, Samuel L. G., Englewood, N. J., and F. O. Blackwell, Jr., Milwaukee, assignors to Bucyrus-Erie Company, South Milwaukee, Wis. Leveling device. 2,202,009; May 28.
Knox Stove Works. (See Biddle, William P., Jr., assignor.)
Knox, Theodore M., Chicago, Ill. Feather quilling machine. 2,202,347; May 28.
Knox, Theodore M., Chicago, Ill. Feather washing machine. 2,222,230; Nov. 19.
Knoy, Maurice G. (See Ross, D. E., Knoy, and Wymer.)
Knudsen, Charles T., Chicago, Ill. Train control system. 2,190,073; Feb. 13.
Knudsen, Daniel, Staten Island, N. Y. Piston and piston ring. 2,215,005; Sept. 17.
Knudsen, Peder M., Katonah, N. Y. Headlight signal. 2,220,820; Nov. 5.
Knudsen, Percy E., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Protective system. 2,209,527; July 30.
Knudsen, Percy E., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Alleghany County, Pa. Multiglazing. 2,219,688; Oct. 29.
Knudsen, Percy E., Pittsburgh, and M. E. Toussaint, Beaver, Pa., assignors to Pittsburgh Plate Glass Company. Covering for buildings. 2,191,668; Feb. 27.
Knudsen, Richard R., Chicago, Ill. Stair elevator. 2,207,544; July 9.
Knudson, Irving J., Kenilworth, Ill., assignor to Detroit Lubricator Company, Detroit, Mich. Method of and apparatus for cold control. 2,187,038; Jan. 16.
Knudstrup, Aksel J. C. (See Robinson, H. R., and Knudstrup.)
Knupp, Harry E., Detroit, Mich. Gas burner. 2,220,572; Nov. 5.
Knupp, Leo P., Anna, Ill. Arch support. 2,193,174; Mar. 12.
Knutsen, Knut A., Paris, France. Printing device, particularly for tabulating machines controlled by record cards or bands. 2,227,143; Dec. 31.
Knutson, Carl L., Elmhurst, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Electrical socket. 2,211,726; Aug. 13.
Kobayashi, Masatsugu. (See Niwa, Y., Kobayashi, and Hayashi.)
Kobayashi, Masatsugu, J. Osawa, and K. Otake, Mita, Shibaku, Tokyo, Japan, assignors to International Standard Electric Corporation, New York, N. Y. Manufacturing a selenium rectifier. 2,189,908; Feb. 13.
Kobbe, Heinrich, Mannheim, Germany, assignor to General Aniline & Film Corporation. Producing transparent colors in lacquers. 2,202,057; May 28.
Kobbé, William H., New York, N. Y. Sulphurized polymer of dihydronaphthalene. 2,189,468; Feb. 6.
Kobe, Inc. (See Coberly, Clarence J., assignor.)
Kobe Seikosho Company, The. (See Kudo, Hiojiro, assignor.)
Köber, Fritz. (See Pistor, W., and Köber.)
Koberling, Joseph, Tulsa, Okla. Fireplace damper. 2,192,381; Mar. 5.
Kobiella, Leo J., Sebastopol, Calif. Safety signal switch for automobiles. 2,224,457; Dec. 10.
Koblinski, John J., Des Plaines, Ill. Liner for molds for linotype machines. 2,204,314; June 11.
Kobs, Hermann. (See Wilmanns, G., Dieterle, and Kobs.)
Koch, Albert N., and C. C. Huffman, assignors to Steel Plate & Shape Corporation, Detroit, Mich. Annealing cover. 2,214,249; Sept. 10.
Koch, Charles H., assignor of one-half to J. A. Schell, Bristol, Pa. Billiard cue. 2,212,780; Aug. 27
Koch, Clarence W., St. Louis, Mo. Drawer guide. 2,223,071; Nov. 26.
Koch, Franz, Essen, Germany. Precombustion chamber for Diesel engines. 2,185,918; Jan. 2.
Koch, Frederick, Sparta, assignor to Associated Patentees, Inc., Ampere, N. J. Automatic milling machine. 2,202,210; May 28.
Koch, Frederick, Sparta, assignor to Associated Patentees, Inc., Ampere, N. J. Milling machine vise. 2,223,323; Nov. 26.
Koch, Fredrick, Detroit, Mich. Fuel mixing device. 2,210,812; Aug. 6.
Koch, George A., executor. (See Doerr, Martin.)
Koch, Gustav H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fan support. 2,204,995; June 18.
Koch, Henry C., assignor to A. Coburn, Chicago, Ill. Unwinding means for wire coils. 2,186,928; Jan. 9.
Koch, Jacob, Basel, and M. Bommer, Riehen, near Basel, assignor to the Society of Chemical Industry in Basle, Basel, Switzerland. N:N'-dialkyl-2:2'-dipyrazolanthronyls. 2,226,062; Dec. 24.
Koch, Louis A., Jr., Louisville, Ky., assignor, by mesne assignments, to American Chain & Cable Company, Inc., New York, N. Y. Bumper extension. 2,214,532; Sept. 10.
Koch, Lydia B., New York, N. Y. Paper container. 2,206,406; July 2.
Koch, Lynn J. (See Reinhard, J. B., and Koch.)
Koch, Max N., Buffalo, N. Y. Colostomy irrigator. 2,223,566; Dec. 3.
Koch, Paul F., Oak Park, Ill., assignor to Chicago Die Casting Manufacturing Company. Fruit juice extractor. 2,204,964; June 18.
Koch, Philip B., Hanover Center, assignor to S. Howes Co. Inc., Silver Creek, N. Y. Grain cutting machine. 2,192,382; Mar. 5.
Koch, Roderick M., Evansville, Ind. Flowerpot holder and stand. 2,187,159; Jan. 16.
Koch & Sterzel Aktiengesellschaft. (See Reiche, W., and Tesch, assignors.)
Koch, Theodoor, Oosterbeek, Netherlands, assignor to American Enka Corporation, Enka, N. C. Production of artificial threads, filaments, bands, films, or the like containing proteins. 2,195,930; Apr. 2.

Koch, Theodoor, Oosterbeek, Netherlands, assignor to American Enka Corporation. Production of casein. 2,206,357; July 2.
Koch, Theodor, Newark, and O. W. Langhans, Caldwell, assignors to American Platinum Works, Newark, N. J. Welding solder to a tooth pin. 2,213,865; Sept. 3.
Koch, Theodore. (See Bolhofner, P., and Koch.)
Koch, Werner. (See Glaser, A., Koch, Neidhardt, and Brunke.)
Koch, Werner. (See Glaser, A., Koch, and Voigt.)
Koch, William J. (See Merrett, E. E., and Koch.)
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Frequency changer. 2,186,544; Jan. 9.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Signal transmitting and receiving system. 2,189,316; Feb. 6.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Automatic tuning system. 2,190,319; Feb. 13.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Frequency responsive relay. 2,194,559; Mar. 26.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Single channel two-way communication system. 2,199,179; Apr. 30.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Radio traffic control. 2,203,871; June 11.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Direction indicating radio receiver. 2,206,637; July 2.
Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Diversity antenna system. 2,189,317; Feb. 6.
Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Dictograph. 2,193,102; Mar. 12.
Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Automatic monitor. 2,196,590; Apr. 9.
Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Power-regulating device. 2,197,934; Apr. 23.
Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Secret communication system. 2,199,634; May 7.
Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Ultra high frequency antenna. 2,199,635; May 7.
Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Frequency discriminating network. 2,203,498; June 4.
Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Suppression of interference. 2,206,638; July 2.
Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Voltage regulating system. 2,207,259; July 9.
Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Ultra high frequency modulator. 2,217,280; Oct. 8.
Kochendorfer, Frederick S., Glendora, and F. E. Wood, assignors to Day & Night Water Heater Company, Ltd., Monrovia, Calif. Burner for hydrocarbon gases. 2,220,247; Nov. 5.
Kocher, Ralph C., Humboldt, Iowa. Humidifier. 2,193,370; Mar. 12.
Köchling, Wilhelm, Lubars. Germany, assignor to General Electric Company. Protection of alternating current electric systems. 2,212,399; Aug. 20.
Kochner, William B., assignor to Knapp-Monarch Company, St. Louis, Mo. Power take-off for food mixers. 2,187,272; Jan. 16.
Koci, Jerry C., assignor to Chicago Coin Machine Mfg. Co., Chicago, Ill. Game apparatus. 2,194,830; Mar. 26.
Koci, Jerry C., assignor to Chicago Coin Machine Mfg. Co., Chicago, Ill. Bowling game. 2,223,255; Nov. 26.
Koci, Ludvik J., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Toaster and the like. 2,197,221; Apr. 16.
Kock, Winston E., assignor to The Baldwin Company, Cincinnati, Ohio. Polyphonic instrument employing vibratory means. 2,212,292; Aug. 20.
Kock, Winston E., and J. F. Jordan, assignors to The Baldwin Company, Cincinnati, Ohio. Frequency divider. 2,185,635; Jan. 2.
Kock, Winston E., and J. F. Jordan, assignors to The Baldwin Company, Cincinnati, Ohio. Electrical generator. 2,189,469; Feb. 6.
Kock, Winston E., and J. F. Jordan, assignors to The Baldwin Company, Cincinnati, Ohio. Electrical contact. 2,215,124; Sept. 17.
Kocks, Fritz, Dusseldorf, assignor to Demag Aktiengesellschaft, Duisburg, Germany. Continuously running rolling mill for producing tubes. 2,214,279; Sept. 10.
Kocks, Fritz, and J. Mehren, assignors to the firm Deutsche Rohrenwerke Aktiengesellschaft, Dusseldorf, Germany. Production of metal tubes in inclined rolling mills. 2,198,540; Apr. 23.
Kockums Mekaniska Verkstads Aktiebolag. (See Brodén, John G. M., assignor.)
Kole, Emil E., Berwyn, Ill. Form measuring device. Re. 21,459; May 21.
Koebel, Charles J., Detroit, Mich. Setting diamonds for industrial purposes. 2,200,281; May 14.
Koebel, Charles J., assignor, by mesne assignments, to Koebel Diamond Tool Co., Detroit, Mich. Base metal alloy. 2,205,888; June 25.
Koebel Diamond Tool Co. (See Koebel, Charles J., assignor.)
Koebel, Joseph H., Rock Island, Ill. Cultivator shield control. 2,220,338; Nov. 5.
Koeberle, Karl. (See Braun, W., and Koeberle.)
Koeberle, Karl. (See Ebel, F., and Koeberle.)
Koeberle, Karl, and O. Schlichting, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. High-molecular organic compound. 2,187,819; Jan. 23.
Koeberle, Karl, W. Rohland, and C. Steigerwald, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation. Vat dyestuffs of the naphthindenone series. 2,199,566; May 7.
Koeberle, Karl, W. Rohland, and C. Steigerwald, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation. Vat dyestuffs of the peri-naphthindenone series. 2,199,567; May 7.
Koeberle, Karl, and O. Schlichting, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation. Esters of perylene-carboxylic acids and producing them. 2,223,453; Dec. 3.
Koebke, George A., assignor to Manitowoc Shipbuilding Company, Manitowoc, Wis. Barking drum. 2,208,004; July 16.
Koehl, James A., assignor to Central Commercial Company, Chicago, Ill. Musical instrument. 2,221,097; Nov. 12.
Koehler, August, Evanston, Ill. Clothesline pole. 2,215,759; Sept. 24.
Koehler, Frederick W., Pittsburgh, Pa. Hair waving appliance. 2,188,360; Jan. 30.
Koehler, Gustave J., Dayton, Ohio. Liquid control valve. 2,226,169; Dec. 24.
Koehly, Paul F. (See Pontis, W. G., and Koehly.)
Koehring Company. (See Eigh, Stanley B., assignor.)
Koehring Company. (See Lichtenberg, Erich H., assignor.)
Koehring Company. (See Poulter, John W., assignor.)
Koehring Company. (See Sheck, Oscar, assignor.)
Koehring Company. (See Tranaas, E. L., and Omon, assignors.)
Koehring, Roland P. (See Davis, J. H., Koehring, and Marvin.)
Koehring, Roland P., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Metallic element and making same. 2,187,086; Jan. 16.
Koehring, Roland P., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Making a composite metal structure. 2,190,237; Feb. 13.
Koehring, Roland P., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Making composite metal bearing elements. 2,198,253; Apr. 23.
Koehring, Roland P., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Making composite metal structures. 2,198,254; Apr. 23.
Koehring, Roland P., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Making molded porous metal articles. 2,198,702; Apr. 30.
Koehring, Roland P., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Mold equipment and making same. 2,217,802; Oct. 15.
Koelbel, Herbert, Moers, Neiderheim, Germany. Treatment of coal tar oil. 2,209,123; July 23.
Koelkebeck, Carl. (See McArthur, D. A., Holdgate, and Koelkebeck.)
Koelling, Edward A., St. Louis, Mo. Loose leaf binder. 2,210,488; Aug. 6.
Koelling, Edward A., St. Louis, assignor to L. L. Gardner, University City, Mo. Key case. 2,201,833; May 21.
Koeln Factory of Wilhelm Quester. (See Tögel, Walter assignor.)
Koeln, George R. (See Andler, R. F., and Koeln.)
Koenig, Alphonso L., Chicago, Ill. Sirup valve for draft arms. 2,197,186; Apr. 16.
Koenig, Edward H. (See Strang, E. S., Farmer, and Koenig.)
Koenig, Edward H., West Orange, N. J., assignor to The New Haven Copper Company, Seymour, Conn. Strip shingle. 2,219,450; Oct. 29.
Koenig, Fred, Tottenville, N. Y. Piston adjusting tool. 2,193,458; Mar. 12.
Koenig, Walter, Jr., Clifton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone circuit. 2,202,386; May 28.
Koenig, Werner, Lucerne, assignor to Landis & Gyr, A-G., Zug, Switzerland. Selective remote control. 2,220,358; June 4.
Koenig, William, Tottenville, N. Y. Folding chair. 2,195,461; Apr. 2.
Koepp, Rudolph, & Co., Chemische Fabrik A. G. (See König, Walter, assignor.)
Koeppen, Robert L., and L. R. Buckendale, assignors to The Timken-Detroit Axle Company, Detroit, Mich. Brake mechanism. 2,197,583; Apr. 16.
Koerding, Paul. (See Ulrich, H., and Koerding.)
Koerner, Charles A., Wakefield, Kans. Motor shutoff. 2,225,175; Dec. 17.

Koerner, Walter E., East Orange, assignor to Utility Electric Corporation, East Newark, N. J. Light-diffusing coating material. 2,187,622; Jan. 16.
Koester, Heinrich. (See Logemann, W., and Koester.)
Koethen, Frederick L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Refrigeration process. 2,186,028; Jan. 9.
Kofahl, Jacob L., Taft, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Control valve. 2,196,664; Apr. 9.
Kofler, Willi, Brooklyn, N. Y. Window shade. 2,226,131; Dec. 24.
Koga, Moichiro, Tokyo, Japan. Method and apparatus for manufacturing feather cottons. 2,213,316; Sept. 3.
Kögel, Wilhelm G., and P. P. Strandberg, Stockholm, Sweden, assignors, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,194,505; Mar. 26.
"Koh-i-noor" tužkárna L. & C. Hardtmuth. (See Zückert, Richard, assignor.)
Kohl, Edward R., New York, N. Y. Spectacle loupe. 2,193,968; Mar. 19.
Kohl, Thomas F., Easton, Pa. Press. 2,205,532; June 25.
Kohler, Arthur. (See Kohler, Laura and A.)
Köhler, Eduard, Schwabisch-Gmund, Wurttemberg, Germany. Umbrella frame. 2,215,738; Sept. 24.
Kohler, Harriet S., Westport, Conn. Knitting needle. 2,187,039; Jan. 16.
Köhler, Heinrich, Gross-Ottersleben, Georgshohe, assignor to Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Ring type roller press. 2,219,592; Oct. 29.
Köhler, Helmut, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Adjustable support for electrical apparatus. 2,202,589; May 28.
Köhler, Helmut, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electrical connector. 2,220,158; Nov. 5.
Kohler, Henry L., assignor to A. A. Kramer, Kansas City, Mo. Protective coated article. 2,212,269; Aug. 20.
Kohler, Henry L., assignor to A. A. Kramer, Kansas City, Mo. Protective coated article. 2,212,270; Aug. 20.
Kohler, Henry L., assignor to A. A. Kramer, Kansas City, Mo. Coated fabricated metallic sheet. 2,212,271; Aug. 20.
Köhler, Johannes, Berlin-Grunewald, Germany. Oil actuated braking system for vehicles. 2,190,120; Feb. 13.
Kohler, John F., New York, N. Y. Machine for making pies. 2,192,918; Mar. 12.
Kohler, Joseph H., Calumet City, Ill. Seal. 2,220,965; Nov. 12.
Kohler, Laura and A., Chicago, Ill. Fountain pen. 2,187,160; Jan. 16.
Köhler, Oskar. (See Boedeker, K., and Köhler.)
Kohls, Erich E. (See Gottlieb, O. F., Jones, and Kohls.)
Kohman, Girard T., Summit, N. J., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Condenser dielectric. 2,212,836; Aug. 27.
Kohn, Hans, Stoetten, Oberamt Geislingen, near Stuttgart, Germany. Epicyclic transmission gear. 2,225,480; Dec. 17.
Köhnke, Johan F., Haarlem, Netherlands. Pipe joint. 2,189,070; Feb. 6.
Kohorn, Oscar, & Co., Ltd., New York. (See von Kohorn zu Kornegg, Heinz-Horst E., assignor.)
Koinzan, Albert, Elgin, Nebr. Oil purifier. 2,206,358; July 2.
Kojola, Hugo V., and M. O'Brian, Indianapolis, Ind., assignors to The Prest-O-Lite Company, Inc. Producing acetylene and lime hydrate. 2,204,184; June 11.
Kokatnur, Vaman R., Beechhurst, N. Y., and O. S. Plantinga, Montclair, N. J., assignors to Autoxygen Inc., New York, N. Y. Electrolysis of ammonium chloride. 2,209,681; July 30.
Kokatnur, Vaman R., assignor to Autoxygen Inc., New York, N. Y. Synthesizing organic compounds. 2,211,855; Aug. 20.
Kokatnur, Vaman R., assignor to Autoxygen Inc., New York, N. Y. Preparation for antisepsis of the oral cavity. 2,218,172; Oct. 15.
Kokatnur, Vaman R., assignor to Autoxygen Inc., New York, N. Y. Producing yeast. 2,218,336; Oct. 15.
Kolarik, Michael, Vienna, Germany. Flushing device, more particularly for water closets. 2,212,943; Aug. 27.
Kolas, John, assignor of one-fourth to J. Spathis, Durham, N. C. Hamburger forming machine. 2,207,545; July 9.
Kolasinski, Vincent. (See Brangle, E., and Kolasinski.)
Kolb, Alfred, and W. Wilk, Aschaffenburg, Germany. Machine tool. 2,197,308; Apr. 16.
Kolb, Clyde E., Dayton, Ohio, assignor to The Wayne Pump Company, Fort Wayne, Ind. Price computing mechanism. 2,220,159; Nov. 5.
Kolb, John G., Philadelphia, Pa., assignor to C. Howard Hunt Pen Co., Camden, N. J. Tool holder. 2,220,248; Nov. 5.
Kolb, Otto K., Chiswick, London, assignor to British Acoustic Films Limited, London, England. Reproducer for sound films. 2,191,795; Feb. 27.
Kolb, Otto K., Chiswick, London, assignor to British Acoustic Films Limited, London, England. Speed stabilizing device for sound record films. 2,210,372; Aug. 6.
Kolbe, Joachim, Detroit, Mich. Body suspension for vehicles of all kinds. Re. 21,605; Oct. 22.
Kolbe, Joachim, Hanover, Germany. Suspension of vehicles. 2,203,056; June 4.
Kolbe, Joachim, Detroit, Mich. Vehicle link spring suspension means for curve compensation. 2,226,435; Dec. 24.
Kolene Corporation. (See Webster, Hugh G., assignor.)
Koljonen, Alli S., executrix. (See Kivialho, A. R., and Koljonen.)
Koljonen, Toivo P. (See Kivialho, A. R., and Koljonen.)
Koller, Karl, Budapest, Hungary. Apparatus for preventing condensation in gas mains. 2,192,011; Feb. 27.
Koller, Karl, Budapest, Hungary. Gas producer of the rotary grate type. 2,200,066; May 7.
Koller, Karl, and Z. Gálocsy, Budapest, Hungary. Treatment of iron ores 2,219,046; Oct. 22.
Koller, Steven, Detroit, Mich. Magnetic work holder. 2,186,074; Jan. 9.
Kolling, Helmut. (See Tramm, H., and Kolling.)
Kollman, Jacob. (See Jackson, J. G., and Kollman.)
Kollmann, Karl J., Erie, Pa. Boring machine. 2,201,733; May 21.
Kollmann, Theodor, Leverkusen-Wiesdorf, Germany, assignor to General Aniline & Film Corporation. Polyazo dyestuffs. 2,195,089; Mar. 26.
Kollmorgen, Frederick L. G., Mountain Lakes, N. J. Rifle-sighting telescope. 2,207,124; July 9.
Köllner, Moriz, Leipzig, Germany. Printing press. 2,205,566; June 25.
Kollsman, Paul. (See Carbonara, Victor E., assignor.)
Kollsman, Paul. (See Hutchinson, Miller R., Jr., assignor.)
Kollsman, Paul, New York, N. Y. Directional instrument. 2,203,824; June 11.
Kollsman, Paul, New York, N. Y. Turn indicator. 2,215,447; Sept. 17.
Kollsman, Paul, New York, N. Y. Gyroscopic instrument. 2,219,243; Oct. 22.
Kollsman, Paul, New York, N. Y. Directional instrument. 2,224,732; Dec. 10.
Kollsman, Paul, New York, N. Y., assignor, by mesne assignments, to Square D Company, Detroit, Mich. Aperiodic compass. 2,202,154; May 28.
Kollsman, Paul, New York, N. Y., assignor, by mesne assignments, to Square D Company, Detroit, Mich. Miniature electric lamp bulb and socket combination. 2,202,155; May 28.
Kollsman, Paul, New York, N. Y., assignor, by mesne assignments, to Square D Company, Detroit, Mich. Trapped self-draining pitot-static tube. 2,204,367; June 11.
Kollsman, Paul, New York, N. Y., assignor, by mesne assignments, to Square D Company, Detroit, Mich. Pressure responsive instrument. 2,215,448; Sept. 17.
Kollsman, Paul, Woodhaven, N. Y., assignor, by mesne assignments, to Square D Company, Detroit, Mich. Pressure responsive indicator. Re. 21,419; Apr. 9.
Kollsman, Paul, Stamford, Conn., assignor, by mesne assignments, to Square D Company, Detroit, Mich. Directional instrument. 2,206,506; July 2.
Kollsman, Paul, Stamford, Conn., assignor, by mesne assignments, to Square D Company, Detroit, Mich. Remote speed indicator. 2,211,543; Aug. 13.
Kollsman, Paul, Stamford, Conn., assignor, by mesne assignments, to Square D Company, Detroit, Mich. Heat protected pitot static tube. 2,221,547; Nov. 12.
Kol-Master Corporation. (See Bressler, Robert E., assignor.)
Kolorama Laboratories, Inc. (See Clothier, S. L., and Hogencamp.)
Kolorama Laboratories, Inc. (See Kern, E. A., Clothier, and Hogencamp, assignors.)
Kolozsy, Louis W., Astoria, assignor, by mesne assignments to C. S. I. Development Corporation, New York, N. Y. Intercommunicating system. 2,189,267; Feb. 6.
Kolstad, Ole O., Duluth, Minn. Foldable rack. 2,213,737; Sept. 3.
Kolster, Frederick A., Palo Alto, Calif. Directional radio system. 2,216,708; Oct. 1.
Kolster, Frederick A., Garden City, assignor to International Telephone Development Co. Inc., New York, N. Y. Ultra short wave course beacon. 2,212,238; Aug. 20.
Kolts, Tennies F., assignor, by mesne assignments, to W. Buckley, Chicago, Ill. Nonrefillable bottle closure. 2,205,567; June 25.
Komarek-Greaves and Company. (See Komarek, Gustav, assignor.)
Komarek, Gustav, assignor to Komarek-Greaves and Company, Chicago, Ill. Making briquetting rolls. 2,203,200; June 4.
Komarewsky, Vasili, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of motor fuel. 2,203,825; June 11.
Komarewsky, Vasili, assignor to Universal Oil Products Company, Chicago, Ill. Catalytic dehydrogenation of hydrocarbons. 2,203,826; June 11.
Komarewsky, Vasili, assignor to University Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,212,026; Aug. 20.
Komarik, Stephan L., assignor to The Griffith Laboratories, Inc., Chicago, Ill. Manufacture of dried beef. 2,224,397; Dec. 10.

Komarik, Stephan L., assignor to The Griffith Laboratories, Inc., Chicago, Ill. Canning meat. 2,224,398; Dec. 10.
Komarik, Stephan L., assignor to The Griffith Laboratories, Inc., Chicago, Ill. Production of canned ham. 2,224,399; Dec. 10.
Komenak, Albert J., assignor to The Excelsior Hardware Company, Stamford, Conn. Latch for overlapping closure. 2,223,765; Dec. 3.
Komenda, Erwin, Stuttgart-Korntal, assignor to Dr. ing. h. c. F. Porsche K.-G., Stuttgart-Zuffenhausen, Germany. Motor vehicle. 2,227,142; Dec. 31.
Komives, Laszlo J., K. S. Wyatt, J. W. Courtis, D. E. F. Thomas, and J. D. Piper, assignors to The Detroit Edison Company, Detroit, Mich. Fluid stop for power cables. 2,222,748; Nov. 26.
Kommandit-Gesellschaft in firma Peter Kolln. (See Fesefeltd, Otto, assignor.)
Komow, Albert P., New York, N. Y. Sharpening attachment for cloth-cutting machines. 2,189,863; Feb. 13.
Komroff, Paul. (See Lambert, R. D., Komroff, and Terry.)
Komroff, Paul, New Rochelle, R. D. Lambert, New York, and M. C. Terry, New Rochelle, assignors, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Air conditioning apparatus. 2,212,239; Aug. 20.
Komusin, Erich, assignor to Telefonbau und Normalzeit G. m. b. H., Frankfort-on-the-Main, Germany. Printing apparatus. 2,187,456; Jan. 16.
Kôn, Samuel, and M. Tournadre, Petit-Couronne, France, assignors to Shell Development Company, San Francisco, Calif. Treating soda asphalt. 2,189,379; Feb. 6.
Kondo, Heisaburo, Shibuya-kum, Tokyo, S. Hasegawa, Ebara-ku, Tokyo, and M. Tomita, Toshima-ku, Tokyo, Japan. Preparing alkaloids from "Tamasakitsuzurafuji" (Stephania Cepharantha, Hayata) of the Menispermaceae family. 2,206,407; July 2.
Kondolf, Mathias R., New Canaan, Conn. Purging apparatus and method of use. 2,202,010; May 28.
Konecny, Vincent M., Middletown, Conn. Smoking pipe. 2,223,111; Nov. 26.
Konen, Harry. (See Baker, W. J., and Konen.)
Konen, James C. (See Sorensen, S. O., and Konen.)
Konetsky, Milton J., San Francisco, Calif. Tandem axle assembly. 2,204,087; June 11.
Konicek, George, Bruce Township, Benton County, Iowa. Separable superposed carrier. 2,195,572; Apr. 2.
Konicek, George, Bruce Township, Benton County, Iowa. Fertilizer distributor. 2,221,401; Nov. 12.
König, Albert, assignor to the firm of Carl Zeiss, Jena, Germany. Telescope eyepiece. 2,206,195; July 2.
König, Albert, assignor to the firm of Carl Zeiss, Jena, Germany. Telescope eyepiece. 2,217,281; Oct. 8.
König, Herbert, Berlin-Charlottenberg, W. Meenen, Berlin-Friedenau, R. Schnarz, Berlin-Siemensstadt, and H. Wilbert, Berlin-Steglitz, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control apparatus for spot or seam welding by means of controllable discharge vessels. 2,224,733; Dec. 10.
König, Hermann T. J., assignor to Stikstofbindingsindustrie Nederland N. V., Dordrecht, Netherlands. Production of sodium cyanate. 2,208,033; uly 16.
König, Robert. (See Albietz, Otto, assignor.)
König, Walter, Dresden, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Sensitizing silver halide emulsions. 2,199,542; May 7.
König, Walter, Wiesbaden, assignor to the firm Rudolph Koepp & Co., Chemische Fabrik A. G., Oestrich (Rheingau), Germany. Manufacture of transparent foils, films, and threads of cellulose formate. 2,203,596; June 4.
Konikoff, Harry, Far Rockaway, N. Y. Combined lamp and mirror structures. 2,200,114; May 7.
Konikoff, Robert H., Astoria, assignor to Gotham Pressed Steel Corporation, Bronx, N. Y. Xylophone. 2,215,358; Sept. 17.
Konn, Felix, Erie, Pa., assignor to General Electric Company. Control system. 2,192,749; Mar. 5.
Konn, Felix, Erie, Pa., assignor to General Electric Company. Control system. 2,197,643; Apr. 16.
Konow, Jane C., Baltimore, Md. Synthetic rubber and making same. 2,213,549; Sept. 3.
Konow, Otto L., Lockport, Ill., assignor to Allis-Chalmers Manufacturing Company. Harvester reel. Re. 21,414; Apr. 2.
Konski, Herbert D., New York, N. Y. Shorts. 2,200,090; May 7.
Konwinski, Frank. (See Wanderski, S., and Konwinski.)
Koob, Bernard H., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Glass melting and delivering apparatus and method. 2,226,498; Dec. 24.
Kooken, Benjamin H., Veradale, Wash. Automatic water gate operator. 2,209,124; July 23.
Koolman, Carl ten Doornkaat, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Treating gases and vapors with liquids. 2,197,935; Apr. 23.
Koons, Charles V., assignor to American Engineering Company, Philadelphia, Pa. Winch. 2,214,466; Sept. 10.
Koonz, John C., Fort Wayne, Ind. Decorative star. 2,199,435; May 7.
Koonz, John C., Fort Wayne, Ind., assignor to The Glolite Corporation, Waukegan, Ill. Decorative device. 2,199,434; May 7.
Koonz, John C., Fort Wayne, Ind., assignor, by mesne assignments, to The Magnavox Company, Incorporated. Electrical condenser and manufacture. 2,209,820; July 30.
Koop, Lambert. (See Kruger, K., and Koop.)
Kooperativa Förbundet, Förening u. p. a. (See Dahlberg, Tord O. R., assignor.)
Kooperativa Förbundet, Förening u. p. a. (See Ljunggren, I. G. A., Vigborg, and Bratt, assignors.)
Kooperativa Förbundet Förening u. p. a. (See Vigborg, Karl M., assignor.)
Kopf, Morris, Philadelphia, assignor to Sterling Clothing House, New York, N. Y. Concealed slide-lock pocket. 2,224,734; Dec. 10.
Kopke, Earnest W., Baton Rouge, La. Cane mill. 2,190,029; Feb. 13.
Kopp, George W., Hicksville, N. Y. Apparatus for the manufacture of concrete pipe. 2,189,071; Feb. 6.
Kopp, Georges and R. Gangneux, Rouen, assignors to Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies, Etablissements Kuhlmann, Paris, France. Production of polyazo dyestuffs and new industrial products resulting therefrom. 2,189,522; Feb. 6.
Koppe, Alexander T., Hasbrouck Heights, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Control system for photocomposing machines. 2,203,094; June 4.
Koppel, Aubrey, Montreal, Quebec, Canada. Bag machine. 2,214,502; Sept. 10.
Koppel, Ernst R., assignor to Bendix Products Corporation, South Bend, Ind. Universal joint. 2,194,798; Mar. 26.
Köppel, Georg. (See Baier, G., and Köppel.)
Koppel, Josef, Westwood, N. J. Steering wheel brake. 2,200,625; May 14.
Koppelmann, Floris, assignor to Siemens-Schuckert-werke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Apparatus for converting currents. 2,188,361; Jan. 30.
Koppelmann, Floris, Berlin-Siemensstadt, assignor to Patentverwertungs-Gesellschaft mit beschrankter Haftung "Hermes," Berlin, Germany. Method and apparatus for putting into operation a multiphase converting device. 2,225,644; Dec. 24.
Koppelmann, Floris, Berlin-Siemensstadt, and H. J. Mattern, Berlin-Wilmersdorf, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Apparatus for converting currents. 2,195,818; Apr. 2.
Koppen, Otto C., Newton, Mass., assignor to United Aircraft Corporation, East Hartford, Conn. Extendible slotted deflector flap. 2,188,083; Jan. 23.
Koppen, Otto C., Waban, assignor to E. J. Frost, Auburndale, Mass., as trustee. Airplane. 2,196,994; Apr. 16.
Koppers, August, Bochum, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Removing smoke and gas and other exhaust products from coke ovens for the production of gas and coke. 2,218,916; Oct. 22.
Koppers Company. (See Becker, Joseph, assignor.)
Koppers Company. (See Daniels, Joseph, assignor.)
Koppers Company. (See Denig, Fred, assignor.)
Koppers Company. (See Gruber, Herbert, assignor.)
Koppers Company. (See Hafpenny, William S., assignor.)
Koppers Company. (See Jones, Irvin H., assignor.)
Koppers Company. (See Koppers, August, assignor.)
Koppers Company. (See Koppers, Heinrich, assignor.)
Koppers Company. (See Linder, Willy, assignor.)
Koppers Company. (See Mack, Karl, assignor.)
Koppers Company. (See Malkomes, Walter, assignor.)
Koppers Company. (See Morton, Allen W., assignor.)
Koppers Company. (See Radtke, Max, assignor.)
Koppers Company. (See Randolph, Spottiswoode W., assignor.)
Koppers Company. (See Rummel, Roman, assignor.)
Koppers Company. (See Salkrust, Gustof E., assignor.)
Koppers Company. (See Schmalenbach, Adolf, assignor.)
Koppers Company. (See Schmidt, Wilhelm, assignor.)
Koppers Company. (See Shively, W. L., and Harlow, assignors.)
Koppers Company. (See Söllner, Heinrich, assignor.)
Koppers Company. (See Steinschläger, Michael, assignor.)
Koppers Company. (See Stewart, Hubert L., assignor.)
Koppers Company. (See van Ackeren, Joseph, assignor.)
Koppers Company. (See van Ackeren, Paul, assignor.)
Koppers, Heinrich, Gesellschaft mit beschränkter Haftung. (See Heinrich, Koppers, assignor.)
Koppers, Heinrich, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Producing valuable hydrocarbons in the carbonization of bituminous fuels or the like. 2,194,359; Mar. 19.
Koppers, Heinrich, assignor to Heinrich Koppers Gesellschaft mit beschränkter Haftung, Essen, Germany. Removal of sulphur compounds from iron. 2,198,625; Apr. 30.
Koppers, Heinrich, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Recovery of pure phenols or phenolates from gas liquor or the like. 2,200,370; May 14.

Koppers, Heinrich, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Continuously operated vertical chamber or retort ovens for the production of gas and coke. 2,200,371; May 14.

Koppers, Heinrich, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Coal charging hopper for coke ovens. 2,204,019; June 11.

Koppers, Heinrich, Essen, Germany, assignor, by mesne assignments to Koppers Company, Pittsburgh, Pa. Coke oven leveler door. 2,207,589; July 9.

Koppers, Heinrich, assignor to Heinrich Koppers Gesellschaft mit beschrankter Haftung, Essen, Germany. Contrivance for charging solid fuel into water-gas producers. 2,216,116; Oct. 1.

Koppin, Eugene P., Ypsilanti, and E. E. Staub, Detroit, Mich., assignors to Allied Manufacturers, Inc. Tire groover. 2,222,036; Nov. 19.

Koppl, Ernest, Huntington Beach, assignor to Patco, Inc., Los Angeles, Calif. Underreamer with flattened cutter. 2,222,818; Nov. 26.

Kops Brothers, Inc. (See Kops, Waldemar, assignor.)

Kops, Waldemar, assignor to Kops Brothers, Inc., New York, N. Y. Apparel garment. 2,190,030; Feb. 13.

Kopsch, Ulrich. (See Nitzschke, O., and Kopsch.)

Korach, Maurizio, Bologna, and A. Dal Borgo, Veggia, Italy. Glassy shapes and producing same. 2,208,034; July 16.

Körber, Emil, and G. Schaller, assignor to Suddeutsche Apparatefabrik, Nuremberg, Germany. Rectifier system. 2,189,909; Feb. 13.

Korber, Hans, Couvet, assignor to Edouard Dubied & Cie S. A., Neuchatel, Switzerland. Machine for the production of looped fabrics. 2,193,969; Mar. 19.

Korber, Hans, Couvet, assignor to the firm Edouard Dubied & Cie. Societe Anonyme, Neuchatel, Switzerland. Interchangeable pattern carrier for Jacquard cards, particularly for knitting machines. 2,207,379; July 9.

Körber, Willem K. A. (See Merckx, P. L. J. R., and Körber.)

Korenchan, John J., Chicago, Ill. Fastening stud for household fixtures. 2,222,413; Nov. 19.

Korengold, John A., Chicago, Ill. Lighting shade. 2,202,590; May 28.

Korensky, Edward. (See Ekbom, H. N., and Korensky.)

Korff, Abram, assignor to Merkle-Korff Gear Company, Chicago, Ill. Reduction drive. 2,225,957; Dec. 24.

Korfhage, George J. (See Engle, D. C., and Korfhage.)

Kormann, Franz, Graz, Germany, assignor of one-third to O. E. Müller, Philadelphia, Pa., and one-third to C. Prell, Asch, Czechoslovakia. Brake device for cycles. 2,201,902; May 21.

Korn, Martin P., Buffalo, N. Y. Welded rigid frame subway bent and prefabricated bracket. 2,205,362; June 18.

Korn, Max, Brooklyn, N. Y. Kitchen cabinet. 2,202,107; May 28.

Körner, Erich, Vienna, Germany. Pocket lighter. 2,210,322; Aug. 6.

Körös, Ladislaus, Berlin-Tempelhof, Germany, and J. F. Toennies, New York, N. Y., assignors to Stabilovolt G. m. b. H., Berlin, Germany. Discharge tube for keeping voltages constant. 2,212,643; Aug. 27.

Körös, László, Berlin-Tempelhof, Germany, assignor to Stabilisator A. G., Luxemburg, Luxemburg. Potential divider. 2,212,921; Aug. 27.

Korpiun, Joachim, Berlin-Grunewald, assignor to Schering Aktiengesellschaft, Berlin, Germany. Cartridge case provided with a non-metallic surface. 2,196,018; Apr. 2.

Kors, Frank F., Independence, Kans. Seine. 2,203,827; June 11.

Korsen, Lawrence S., Ingleside, Ill. Cutting of leather. 2,217,060; Oct. 8.

Korsmo, Alfred. (See Even, N., and Korsmo.)

Korte, Alfred C., and K. Lannert, assignors to Carter Carburetor Corporation, St. Louis, Mo. Control for electric fuel pumps. 2,218,846; Oct. 22.

Korte, Alfred C., and K. Lannert, assignors to Carter Carburetor Corporation, St. Louis, Mo. Electrical system for motor vehicles. 2,218,847; Oct. 22.

Korten, Ernst. (See Fleischhauer, R., and Korten.)

Korten, Ernst. (See Keller, K., and Korten.)

Korth, Elmer B., Burlington, Wis. Hydraulic cooler. 2,217,868; Oct. 15.

Kortick Manufacturing Company. (See Macdonald, Frank A., assignor.)

Kortz, Anthony T., Grand Rapids, Mich. Rotor. 2,209,028; July 23.

Korum, Henry E., assignor to Deere & Company, Moline, Ill. Centrifugal separator. 2,203,532; June 4.

Kosack, Hans, Berlin-Steglitz, assignor to Fides Gesellschaft für die Verwaltung und Verwertung von Gewerblichen Schutzrechten mit beschränkter Haftung, Berlin, Germany. Support for electrodes. 2,197,526; Apr. 16.

Kosatka, Thomas O. (See Rainey, R. S., and Kosatka.)

Kosatka, Thomas O., assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Filler block gasket. 2,209,230; July 23.

Kosatka, Thomas O., assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. External oil seal. 2,210,723; Aug. 6.

Kosatka, Thomas O., Cicero, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Closing means for metal shells. 2,223,324; Nov. 26.

Kosatka, Thomas O., Cicero, and J. A. Antonelli, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Double wipe fluid seal. 2,185,790; Jan. 2.

Kosche, Erich. (See Bünger, W., and Kosche.)

Koschmieder, Kurt, Falkensee, Havelland, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Directional antenna system. 2,207,061; July 9.

Koschmieder, Kurt, Falkensee, East Havelland, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Direction finding system. 2,213,281; Sept. 3.

Koschmieder, Kurt, Falkensee, East Havelland, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Antenna system. 2,213,282; Sept. 3.

Koschmieder, Kurt, Falkensee/Ost-Havelland, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Radio receiving system. 2,214,929; Sept. 17.

Koschmieder, Kurt, Falkensee, Ost-Havelland, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Radio direction finding system. 2,217,413; Oct. 8.

Koschmieder, Kurt, Falkensee, Ost-Havelland, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Directional antenna system. 2,225,456; Dec. 17.

Koscierzyna, Martin, Chicago, Ill. Support for electric sadiron cords. 2,215,292; Sept. 17.

Kosen, Erwin, New York, N. Y. Safety milk bottle holder. 2,197,149; Apr. 16.

Koser, Leon W., Winnipeg, Manitoba, Canada. Elevator bucket. 2,185,557; Jan. 2.

Kosian, Arthur, Chicago, Ill. Hydraulic clutch and power transmission. 2,211,234; Aug. 13.

Kosik, Charles, Tavener, assignor of one-half to J. J. Duckett, El Camp, Tex. Poison spraying machine. 2,193,285; Mar. 12.

Kosman, Milton, Berkeley, Calif. Pipe welding machine. 2,208,676; July 23.

Koss, Joseph R., Detroit, Mich. Aerial. 2,199,727; May 7.

Kösslinger, Karl. (See Esselmann, P., Kösslinger, and Düsing.)

Kosslinger, Karl. (See Esselmann, P., Kösslinger, and Saffert.)

Kösslinger, Karl, Dessau, H. Klare, Wolfen Kreis Bitterfeld, and H. Rein, Dessau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Maine, Germany. Producing cellulosic fibers having affinity for acid dyes. 2,200,452; May 14.

Kost, Alwin, Portland, Oreg. Foot corrective device. 2,206.902; July 9.

Kost, Harold W., et al. (See Place, Bion C., assignor.)

Kost, Harold W., Birmingham, assignor to Detroit Harvester Company, Detroit, Mich. Fastener. 2,192,087; Feb. 27.

Kost, Harold W., Birmingham, assignor to Detroit Harvester Company, Detroit, Mich. Fastener. 2,197,220; Apr. 16.

Kost, Harold W., Birmingham, assignor to Prestole Devices, Inc., Detroit, Mich. Fastening device. 2,198,439; Apr. 23.

Kost, Harold W., Birmingham, assignor to Detroit Harvester Company, Detroit, Mich. Trim fastener. 2.223.622; Dec. 3.

Kost, Harold W., assignor to Prestole Devices, Inc., Detroit, Mich. Sheet metal nut. 2,196,312; Apr. 9.

Koster, Anthony C., Chicago, Ill. Ironing table. 2,199,373; Apr. 30.

Koster, Paul, Paris, France. Grinding machine. 2,191,617; Feb. 27.

Koster, Paul E., assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Gyroscopic apparatus for determining the inclination of an airplane. 2,188,606; Jan. 30.

Köster, Paul E., Berlin-Siemensstadt, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung, Berlin, Germany. Flight control device more particularly for fast aircraft. 2,197,890; Apr. 23.

Kostka, Friedrich, Berlin-Buchholz, Germany, assignor to General Electric Company. Method and apparatus for the manufacture of electric condensers. 2,201,864; May 21.

Kostner, Fredrick R., Brooklyn, N. Y. Smoking outfit. 2,217,061; Oct. 8.

Kostolecki, John. (See Bouvier, A. A., Kostolecki and Sherman.)

Kostuk, Alexander, Bronx, N. Y. Ladder. 2,194,856; Mar. 26.

Köthe, Alois. (See von Drathen, E., and Köthe.)

Kothe, Heinz. (See Kröner, W., and Kothe.)

Kother, Hans. (See Steinbauer, W., Kother, and Müller.)

Kother, Hans, Berlin-Siemensstadt, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Multipower driving vehicle. 2,210,675; Aug. 6.

Kothny, Gottdank L., Strafford, assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. High pressure closure. 2,190,716; Feb. 20.

Kotler, Frank W. (See Gilmore, F. F., and Kotler.)

Kotowski, Paul, Berlin-Tempelhof, S. Sonnenfeld, Berlin-Schoneberg, and G. Vogt, Berlin-Tempelhof, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Sending and receiving radio frequency impulses. 2,192,975; Mar. 12.
Kotowski, Paul, and K. Dannehl, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Transmitting secret messages. 2,211,132; Aug. 13.
Kotowski, Paul, S. H. Sonnenfeld, and G. Vogt, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Impulse reception. 2,223,995; Dec. 3.
Kott, Herbert, assignor to Moistener Corporation, New York, N. Y. Device for opening and resealing cartons. 2,216,884; Oct. 8.
Kotte, Jan J., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Film apparatus. 2,213,250; Sept. 3.
Kotterman, Chester A., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Rectifier. 2,194,182; Mar. 19.
Kottmann, Arthur A., Davenport, assignor to Micro-Westco, Inc., Bettendorf, Iowa. Paper feed for bread wrapping machines. 2,217,591; Oct. 8.
Kottmann, Arthur A., Davenport, assignor to Micro-Westco, Inc., Bettendorf, Iowa. Apparatus for slicing bread. 2,225,600; Dec. 17.
Kotzebue, Meinhard H., Tulsa, Okla. Fractional condenser. 2,195,887; Apr. 2.
Kotzin, Jacob J. (See O'Hara, J. V., and Kotzin.)
Koubek, John L., and H. A. Taylor, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Grille guard. 2,203,499; June 4.
Koupal, Robert J., and W. H. Green, assignors to International Filter Co., Chicago, Ill. Method and apparatus for filtering liquids. 2,223,623; Dec. 3.
Kouzian, Harry E. (See Tookousian, Persak, assignor.)
Kovac, Rudolph, assignor to American Automatic Devices Co., Chicago, Ill. Flare torch. 2,190,928; Feb. 20.
Kovach, Charles, Perth Amboy, N. J. Valve for water faucet. 2,200,091; May 7.
Kovàcs, Theodor, Vienna, Germany, assignor to Firma Guenther Wagner, Hanover, Germany. Magazine pencil of the type comprising a lead-conveying tube. 2,203,160; June 4.
Kovalsky, Joseph F., Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulator. 2,221,586; Nov. 12.
Kovalsky, Joseph F., Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Voltage regulator. 2,221,587; Nov. 12.
Kovalsky, Joseph F., Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,221,588; Nov. 12.
Kovarik, Joseph M., Jr. (See Zinkil, R. H., Fredrickson, and Kovarik.)
Kovats, John, Fairfield, Conn. Folding table. 2,215,006; Sept. 17.
Kovats, John, Fairfield, Conn. Folding chair. 2,225,306; Dec. 17.
Kovats, Joseph E., Chicago, Ill. Bite gauge. 2,205,926; June 25.
Kövessi, Franz, Budapest, Hungary. Method and circuit for the operation of electric motors fed by a single-phase supply. 2,215,156; Sept. 17.
Kowalkiewicz, Kasimir, Holyoke, Mass. Inflating device. 2,211,063; Aug. 13.
Kowalski, George A., Bay City, Mich. Fishhook. 2,193,103; Mar. 12.
Kowalski, Marion F., Richmond Hill, N. Y. Apparatus for agitating liquids. 2,206,669; July 2.
Kowalsky, Andrew, Oak Park, Ill., assignor to International Harvester Company. Harvester. 2,204,682; June 18.
Kowalsky, George W., assignor of one-half to J. J. Malicke, Wisconsin Rapids, Wis. Headlight. 2,212,693; Aug. 27.
Kowarick, Alberto F., assignor to F. Kowarick & Cia., Sao Paulo, Brazil. Spindle for spinning and doubling frames for wool. 2,217,371; Oct. 8.
Kowarick, F., & Cia. (See Kowarick, Alberto F., assignor.)
Kozak, Joseph L., Munster, assignor to Screw Conveyor Corporation, Hammond, Ind. Elevator bucket. 2,200,507; May 14.
Kozak, Mike. (See Sepko, Mike, assignor.)
Kozanowski, Henry N. (See Mouromtseff, I. E., and Kozanowski.)
Kozma, Ladislas. (See Hatton, W., Haigh, and Kozma.)
Kozub, Stanley S., Cleveland, Ohio. Paperhanger's brush and roller. 2,193,175; Mar. 12.
Kraak-Cramer, Eline, heir. (See Teves, M. C., Kraak, and Bandringa.)
Kraak, Hajo H. (See Teves, M. C., Kraak, and Bandringa.)
Kraber, Edwin I., assignor to York Oil Burner Co., Inc., York, Pa. Liquid fuel burner apparatus. 2,205,983; June 25.
Kracker, Herbert. (See Zitscher, A., Schmitt, and Kracker.)
Kracker, Herbert, and W. Schumacher, Krankfort-on-the-Main, Germany, assignors to General Aniline & Film Corporation. Monoazo dyestuffs. 2,205,481; June 25.
Kracker, Herbert, Frankfort-on-the-Main-Hochst, A. Zitscher, Kronberg in Taunus, and R. Schmitt, Darmstadt, Germany, assignors to General Aniline & Film Corporation. Azo dyestuffs insoluble in water and fiber dyed therewith. 2,225,120; Dec. 17.
Kraeft, Herman L., Cleveland Heights, assignor to Murray-Ohio Manufacturing Company, Cleveland, Ohio. Bicycle stand mechanism. 2,197,936; Apr. 23.
Kraemer, Frederick, Brentwood, N. Y. Cement block. 2,205,419; June 25.
Kraemer, Waldo L., Brooklyn, N. Y., assignor to Kearfott Engineering Company, Inc. Window construction. 2,189,758; Feb. 13.
Kraft Cheese Company. (See Clickner, Forest H., assignor.)
Kraft Cheese Company. (See Nelson, Clarence E., assignor.)
Kraft, Frederick B. (See Boyd, C. A., Kraft, and Ragborg.)
Kraft, Hans, Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine. 2,187,788; Jan. 23.
Kraft, Herman T., Akron, assignor to The General Tire & Rubber Company, Summit, Ohio. Making vehicle tire treads. 2,201,668; May 21.
Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Edge sealing for sponge rubber. 2,201,669; May 21.
Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Radiator cover. 2,205,661; June 25.
Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Method and apparatus for reinforcing inner tubes. 2,208,868; July 23.
Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Container for corrosive liquids. 2,209,570; July 30.
Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Rubber tire and making the same. 2,213,028; Aug. 27.
Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Mechanical closure. 2,214,732; Sept. 17.
Kraft, Herman T., Akron, assignor to The General Tire & Rubber Company, Akron, Ohio. Tire tread and making the same. 2,221,642; Nov. 12.
Kraft, Joseph E., Bronx, and J. Bergner, assignors to Universal Cover Fastener Company, Inc., New York, N. Y. Clasp. 2,212,837; Aug. 27.
Kraft-Phenix Cheese Corporation. (See Haugh, Raymond R., assignor.)
Kraft, Wheaton W. Bronxville, assignor to The Lummus Company, New York, N. Y. Contact device. 2,222,656; Nov. 19.
Kraft, Wheaton W., assignor to The Lummus Company, New York, N. Y. Distillation process. 2,222,583; Nov. 19.
Kraft, Wheaton W., and M. A. Zimmerman, New York, and J. A. Gibb, New Rochelle, assignors to The Lummus Company, New York, N. Y. Oil treating apparatus. 2,220,045; Oct. 29.
Krafty, Thomas M., Sandusky, Ohio. Sanitary can cover. 2,203,911; June 11.
Kraissl, Cornelius J. (See Collins, J. F., and Kraissl.)
Krajewski, Edward P., assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Spring structure. 2,208,035; July 16.
Krakauer, Abraham, Brooklyn, N. Y. Slide fastener. 2,212,121; Aug. 20.
Krakauer, Abraham, assignor to Kay Manufacturing Corporation, Brooklyn, N. Y. Hinge for sofa beds. 2,201,903; May 21.
Krakauer, Abraham, assignor to Kay Manufacturing Corporation, Brooklyn, N. Y. Clip for sinuous springs. 2,215,373; Sept. 17.
Krakauer, Abraham, assignor to Kay Manufacturing Corporation, Brooklyn, N. Y. Spring clip. 2,224,824; Dec. 10.
Krakauer, C. Leonard. (See Krakauer, Daniel and C. L.)
Krakauer, Daniel and C. L., assignors to Kay Manufacturing Corporation, Brooklyn, N. Y. Couch hinge. 2,224,825; Dec. 10.
Kraker, John. (See Johnson, Raymond B., assignor.)
Krakowski, Stanley, Hoboken, N. J. Doll's voice. 2,196,679; Apr. 9.
Kral, Joseph, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener member. 2,205,363; June 18.
Kral, Joseph, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener stud. 2, 222,147; Nov. 19.
Kral, Ludwig, Vienna, Austria. Sparking plug. 2,207,175; July 9.
Krall, Leo W. (See McGehee, I. E., and Krall.)
Krall, Reginald F., M. H. McEwan, and W. G. Buchanan, assignors to Woodall-Duckham (1920) Limited, London, England. Device for supporting coke-oven doors while the doors are being cleaned, adjusted, or repaired. 2,219,628; Oct. 29.
Kramar, Ernst. (See Hahnemann, W. M., and Kramar.)
Kramar, Ernst, assignor to Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Antenna arrangement. 2,189,910; Feb. 13.

Kramar, Ernst, Berlin-Tempelhof, assignor to C. Lorenz, Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Heterodyne receiver. 2,195,888; Apr. 2.
Kramar, Ernst, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Educational appliance for aircraft navigation. 2,226,726; Dec. 31.
Kramar, Ernst, and E. Heinecke, Berlin, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Modulated high frequency transmitter system. 2,212,568; Aug. 27.
Kramb, Charles H., Coldwater, N. Y. Shoe rack. 2,205,817; June 25.
Krambeer, Karl H., Berlin-Spandau, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt-Berlin, Germany. Selective tuning. 2,186,702; Jan. 9.
Krambeer, Karl-Heinrich, Berlin-Spandua, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electric filter. 2,190,430; Feb. 13.
Kramer, Andrew A. (See Gill, Edward H., assignor.)
Kramer, Andrew A. (See Kohler, Henry L., assignor.)
Krämer, Ewald, Dresden, Germany. Electrical connector. 2,214,081; Sept. 10.
Kramer, Friedrich A. (See Wenzel, W. E., and Kramer.)
Kramer, Herman, Tulsa, Okla., assignor to The Ruberoid Co., New York, N. Y. Pipe wrapping machine. 2,206,670; July 2.
Kramer, Irving, Lawrence, assignor of twenty-five per cent to M. Gold, Brooklyn, and twenty-five per cent to B. Levine, Rockaway Beach, N. Y. Window construction. 2,196,591; Apr. 9.
Kramer, Jerry, et al. (See Klotz, Otto, assignor.)
Kramer, John J., Oak Park, Ill. Mop cleaning device. 2,197,869; Apr. 23.
Kramer, Robert C., assignor of one-half to C. Finn, Bay City, Mich. Blind for motor vehicles. 2,210,624; Aug. 6.
Kramer, Saul, Brooklyn, N. Y., assignor of one-fourth to C. M. Palmer, Washington, D. C. Compact. 2,205,974; June 25.
Kramer, Sheridan H., St. Paul, Minn. Animal toilet. 2,204,416; June 11.
Krämer, Werner, Berlin-Karlshorst, Germany, assignor to General Electric Company. Alternating current circuit breaker. 2,196,868; Apr. 9.
Krämer, Werner, Berlin-Karlshorst, Germany, assignor to General Electric Company. Control circuit. 2,222,714; Nov. 26.
Krämer, Wilhelm, Emmerich Rhine, Germany. Apparatus for making welded wire netting. 2,187,129; Jan. 16.
Kramhøft, Otto A. F. Riisskov, Denmark. Compression refrigerating plant. 2,215,046; Sept. 17.
Krams, Josef, Frankfort-on-the-Main, Germany, assignor to E. Frohmann, New York, N. Y. Manufacturing brushes. 2,194,122; Mar. 19.
Kranhold, Harry E., St. Paul, Minn. Calendar. 2,194,023; Mar. 19.
Kranich, Henry O., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Edge grinding machine. 2,218,648; Oct. 22.
Krannak, Steven J., assignor to Min-A-Max Company, Minneapolis, Minn. Pouring attachment for cans. 2,210,676; Aug. 6.
Krantz, Hubert K., Hempstead, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical connector. 2,200,794; May 14.
Kranz, Frederick H., Buffalo, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Production of benzylidene-aniline compounds. 2,185,854; Jan. 2.
Kranz, Harry W., Lakewood, assignor to The Cleveland Welding Company, Cleveland, Ohio. Vehicle wheel. 2,191,202; Feb. 20.
Kranz, Herbert. (See Nicodemus, O., Lange, and Kranz.)
Kränzlein, Georg, and U. Lampert, Frankfort-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Polyvinyl acetals. 2,187,570; Jan. 16.
Kränzlein, Georg, E. Diefenbach, and F. Eggert, Frankfort-on-the-Main, Germany, assignors to General Aniline & Film Corporation. N-dihydro-azine compounds of the anthraquinone series and preparing them. 2,191,855; Feb. 27.
Kränzlein, Georg, and F. Roemer, Frankfort-on-the-Main, Germany, assignors to General Aniline & Film Corporation. Anthrachrysone-2,6-dialdehyde and preparing the same. 2,200,957; May 14.
Kränzlein, Georg, E. Diefenbach, and F. Eggert, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline & Film Corporation. Oxazines of the anthraquinone series and preparing them. 2,206,610; July 2.
Kränzlein, Georg, Frankfort-on-the-Main, W. Kirst, Konigstein-in-Taunus, and C. J. Müller, Frankfort-on-the-Main, Germany, assignors to General Aniline & Film Corporation. Producing fast dyeings and the dyed fiber obtained thereby. 2,208,932; July 23.
Kränzlein, Georg, and H. Bestian, Frankfort-on-the-Main, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Preparing imidazolines. 2,210,588; Aug. 6.
Krapp, Karl. (See Baumann, P., Heer, Krapp, and Nowag.)
Krasberg, Bruce, assignor to R. Krasberg & Sons Mfg. Co., Chicago, Ill. Auxiliary shelf. 2,197,870; Apr. 23.
Krasberg, R., & Sons Mfg. Co. (See Krasberg, Bruce, assignor.)
Krasno Bros. Glove & Mitten Co. (See Krasno, Samuel H., assignor.)
Krasno, Samuel H., assignor to Krasno Bros. Glove & Mitten Co., Milwaukee, Wis. Voice attachment for mittens. 2,219,013; Oct. 22.
Krasnosky, George, Pensacola, Fla. Flexible metal shoe. 2,227,352; Dec. 31.
Krasnov, Joseph A., Philadelphia, Pa. Mattress cover construction. 2,223,568; Dec. 3.
Krasnov, Joseph A., Philadelphia, assignor to Sure-Fit Products Company, Darby, Pa. Slip cover construction for upholstered furniture. 2,212,485; Aug. 20.
Krasowski, Josephine, Chicago, Ill. Decorative covering for flowerpots and the like. 2,209,778; July 30.
Kratz, Philip D. (See Platt, W., and Kratz, assignors.)
Kratzer, Herbert J., St. Louis, Mo. Compensating device for carbureters of internal combustion motors. 2,212,101; Aug. 20.
Kratzer, Herman E., Salt Lake City, Utah. Bakepan. 2,221,052; Nov. 12.
Kraus, Armin J., assignor to The Richards Chemical Works, Incorporated, Jersey City, N. J. Insecticide. 2,188,951; Feb. 6.
Kraus, Armin J., assignor to The Richards Chemical Works, Incorporated, Jersey City, N. J. Lubricant. 2,192,976; Mar. 12.
Kraus, Charles A., Providence, R. I., assignor to Standard Oil Development Company. Polymerization of hydrocarbons. 2,220,930; Nov. 12.
Kraus, Charles E., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Cutter. 2,186,417; Jan. 9.
Kraus, Charles E., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Method of and apparatus for face milling. 2,187,744; Jan. 23.
Kraus, Charles E., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Trepanning drill. 2,188,631; Jan. 30.
Kraus, Charles E., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Mounting for slidable machine elements. 2,196,215; Apr. 9.
Kraus, Charles E., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Power transmission mechanism. 2,201,670; May 21.
Kraus, Charles E., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Metal turning. 2,215,007; Sept. 17.
Kraus, Charles E., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Metal removing method and machine. 2,225,399; Dec. 17.
Kraus, Charles E., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Method of and machine for milling. 2,225,400; Dec. 17.
Kraus, Clinton, Keansburg, and V. C. Lufft, Elizabeth, N. J., assignors to American Can Company, New York, N. Y. Liquid filling machine. 2,185,201; Jan. 2.
Kraus, Michael, Furth, Bavaria, Germany. Electric lighting device for the drill head of a dental drill. 2,226,616; Dec. 31.
Krause, Artur. (See Baumann, F., Krause, Schwechten, and Zell.)
Krause, Artur, Ludwigshafen-on-the-Rhine, W. Kuehne, Mannheim, and W. Mieg, Opladen, Germany, assignors to General Aniline & Film Corporation. Compounds of the anthraquinone series. 2,195,462; Apr. 2.
Krause, Artur, Ludwigshafen-on-the-Rhine, W. Kuehne, Mannheim, and W. Mieg, Opladen, Germany, assignors to General Aniline & Film Corporation. Compounds of the anthraquinone series. 2,195,463; Apr. 2.
Krause, August L. (See Coffin, E. E., and Krause.)
Krause, Daniel E., assignor to Battelle Memorial Institute, Columbus, Ohio. Alloy steel tube. 2,186,758; Jan. 9.
Krause, Daniel E., and C. H. Lorig, assignors to Battelle Memorial Institute, Columbus, Ohio. Alloy steel. 2,209,248; July 23.
Krause, E. W. (See Sharp, Samuel J., assignor.)
Krause, Earnest J., Trenton, N. J. Phonograph pickup. 2,219,230; Oct. 22.
Krause, Frank R., Ellwood City, Pa. Elongating metal blanks. 2,223,039; Nov. 26.
Krause, Friedrich W., Hamburg, Germany. Wall plug. 2,213,818; Sept. 3.
Krause, Georg A., et al. (See Steinbacher, Friedrich, assignor.)
Krause, Karl, Berlin, Germany. Apparatus for replacing cathodes. 2,218,886; Oct. 22.
Krause, Karl H., York, Ontario, assignor to Massey-Harris Company, Ltd., Toronto, Ontario, Canada. Grain drill transmission. 2,219,958; Oct. 29.
Krause, Karl H., York, Ontario, assignor to Massey-Harris Company Ltd., Toronto, Ontario, Canada. Grain drill power lift. 2,223,624; Dec. 3.
Krause, Norman C. (See Julian, P. L., Meyer, and Krause.)
Krause, Paul, Franklinville, assignor to Hudson Armstrong, Salem, N. J. Glass article bottomer. 2,203,573; June 4.
Krause, Richard F., and G. G. Sill, assignors to The Enterprise Aluminum Company, Massillon, Ohio. Lock lid strainer saucepan. 2,185,897; Jan. 2.

Krause, Walter H., assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Unitary guiding and latching means for automobile hoods. 2,211,829; Aug. 20.
Krause, Walter H., assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Lifting means for automobile hoods. 2,227,144; Dec. 31.
Krauser, Stanley A., Toledo, and P. W. Miessler, Cleveland; said Krauser assignor to Modern Products Company, Toledo; said Miessler assignor to Hankins Container Company, Cleveland, Ohio. Dark room for photographic purposes. 2,220,373; Nov. 5.
Krauss, Adolph F., River Forest, Ill., assignor to The Richardson Company, Lockland, Ohio. Making a dispersing mechanism. 2,185,442; Jan. 2.
Krauss, Alwin, Frankfort-on-the-Main-Griesheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Maine, Germany. Obtaining pure noble gases. 2,204,501; June 11.
Krauss, Carl, Chicago, Ill., assignor to Garden City Plating & Mfg. Co., Inc. Revolving garment carrier. 2,204,502; June 11.
Krauss, Wolfgang W. (See Skeel, R. C., and Krauss.)
Kraut, Samuel B., Lakewood, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lamp socket. 2,214,587; Sept. 10.
Krautzberger, Albert, Holzhausen, near Leipzig, Germany. Spraying device. 2,196,800; Apr. 9.
Kravchuk, Walter N., Hartford, Conn. Electric lighter. 2,199,885; May 7.
Krawinkel, Günther, Berlin-Lichterfelde, Germany. Electron discharge device system. 2,201,587; May 21.
Kraybill, Henry R., and M. H. Thornton, assignors to Purdue Research Foundation, West Lafayette, Ind. Obtaining sterol glucosides and sterols from fatty substances. 2,225,375; Dec. 17.
Krchma, Ignace J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Titanium oxide suspensions. 2,220,966; Nov. 12.
Krebs, Edouard, Paris, France. Electrical switching device. 2,198,541; Apr. 23.
Krebs, Ernst T., Jr. (See Krebs, Ernst T. and E. T., Jr.)
Krebs, Ernst T. and E. T., Jr., San Francisco, Calif. Treating oakwood for the aging of spirituous liquors. Re. 21,589; Oct. 1.
Krebs, Ernst T. and E. T., Jr., San Francisco, Calif. Processing wood for the rapid maturation of whisky and other alcoholic liquors and wines. 2,224,352; Dec. 10.
Krebs, William J., et al. (See Foster, James D., assignor.)
Krebser, Adolf, Riehen, near Basel, assignor to J. R. Geigy A. G., Basel, Switzerland. Ortho-hydroxy disazodyestuffs and their manufacture. 2,193,729; Mar. 12.
Krebser, Adolf, Riehen, near Basel, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Monoazo dyestuffs and their manufacture. 2,200,423; May 14.
Krebser, Adolf, Riehen, near Basel, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Disazo dyestuffs and their manufacture. 2,222,749; Nov. 26.
Krecek, Joseph A., Larchmont, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,220,931; Nov. 12.
Kreeger, Thomas W., Los Angeles, Calif. Convertible picture. 2,225,307; Dec. 17.
Krefft, Hermann. (See Kalsing, H., Krefft, and Rössler.)
Krefft, Hermann, Berlin-Friedrichshagen, K. Larché, Berlin, and M. Thomas, Weisswasser, Oberlausitz, Germany, assignors to General Electric Company. Glass for gaseous electric discharge devices. 2,200,958; May 14.
Kreher, Clemenz, G. m. b. H. (See Marquardt, Anna Babete, assignor.)
Kreher, Ernest, Tampa, Fla. Water box. 2,217,686; Oct. 15.
Kreher, Ernest and K., Tampa, and C. M. Young, Miami, Fla. Apparatus for mineral separation. 2,217,687; Oct. 15.
Kreher, Karl. (See Kreher, E. and K., and Young.)
Kreidel, Hans, Wiesbaden, Germany, assignor to Patex Societe Anonyme, Basel, Switzerland. Coupling for tubes and pipes. 2,189,566; Feb. 6.
Kreidel, Hans, Wiesbaden, Germany, assignor to Patex Societe Anonyme, Basel, Switzerland. Coupling for tubes and pipes. 2,201,404; May 21.
Kreidel, Hans, Wiesbaden, Germany, assignor to Patex Societe Anonyme, Basel, Switzerland. Pipe coupling. 2,211,856; Aug. 20.
Kreidler, Maynard, McAllen, Tex. Ambulance. 2,216,243; Oct. 1.
Kreidler, Raymond L., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa. Photoflash lamp. 2,201,294; May 21.
Kreis, Friedrich, Berlin-Lichterfelde, assignor to Gesellschaft zur Konstruction und Verwertung Automatisch-Mechanischer Getriebe m. b. H., Berlin-Oberschoneweide, Germany. 2,215,615; Sept. 24.
Kreis, Joseph D., Cleveland Heights, assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fishing reel. 2,197,366; Apr. 16.
Kreis, Joseph D., assignor to Bonnar-Vawter Fanform Company, Inc., Cleveland, Ohio. Printing plate and making same. 2,200,363; May 14.
Kreisberg, Simon, Brooklyn, N. Y. Measuring and dispensing device. 2,220,605; Nov. 5.
Kreisler, Jacques, New Rochelle, assignor to Jacques Kreisler Manufacturing Corporation, New York, N. Y. Vanity case. 2,195,593; Apr. 2.
Kreisler, Jacques, New Rochelle, assignor to Jacques Kreisler Manufacturing Corporation, New York, N. Y. Necktie clasp and shirt holder. 2,195,594; Apr. 2.
Kreisler, Jacques, New Rochelle, assignor to Jacques Kreisler Manufacturing Corporation. Vanity case and other containers. 2,196,801; Apr. 9.
Kreisler, Jacques, New Rochelle, and A. Szeglin, Hollis, N. Y., assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Wrist watch strap or chain attaching means. 2,211,698; Aug. 13.
Kreisler, Jacques, New Rochelle, and A. Szeglin, Hollis, N. Y., assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Ornament. 2,220,038; Oct. 29.
Kreisler, Jacques, Manufacturing Corporation. (See Kreisler, Jacques, assignor.)
Kreisler, Jacques, Manufacturing Corporation. (See Kreisler, J., and Szeglin, assignors.)
Kreissig, Ernst, and F. Tönne, Urdingen, Germany. Spring system. 2,203,095; June 4.
Kreiszl, Paul K., Newark, N. J. Ignition tester for internal combustion engines. 2,216,885; Oct. 8.
Kreitler, George A., Greenwich, Conn. Geographical game. 2,199,499; May 7.
Krell, Albrecht, Rheinfelden, and E. Herzog, Berlin, assignors to Deutsche Gold und Silber Scheideanstalt, vormals Roessler, Frankfort-on-the-Main, Germany. Preparation of peroxides. 2,211,235; Aug. 13.
Krell, George, Sapulpa, Okla. Elevator. 2,211,016; Aug. 13.
Krell, Joseph, Berlin-Zehlendorf, Germany. Address-printing machine with blank feeding mechanism. 2,211,661; Aug. 13.
Krell, Joseph, Berlin-Zehlendorf, assignor to Adrema Maschinenbauges m. b. H., Berlin, Germany. Selective addressing machine. 2,189,115; Feb. 6.
Krell, Joseph, Berlin-Zehlendorf, assignor to Adrema Maschinenbauges, m. b. H., Berlin, Germany. Address-printing machine. 2,212,443; Aug. 20.
Krementz & Co. (See Simpson, Harrison D., assignor.)
Kremer, Edward H. (See Ritzert, N. J., and Kremer.)
Kremmling, Otto, Hamersleben, Germany. Biscuit molding machine. 2,212,743; Aug. 27.
Kremmling, Otto, and C. Jacobi, Hamersleben, Germany. Molding roller apparatus for the production of articles from dough and other pastelike materials. 2,208,905; July 23.
Krempler, Florence, Stapleton, Staten Island, N. Y. Stenographer's pencil stand. 2,199,262; Apr. 30.
Krengel, Raymond O., Forest Park, Ill., assignor to Revere Copper and Brass Incorporated, New York, N. Y. Coil handling apparatus. 2,193,765; Mar. 12.
Krengel, Richard E., Detroit, Mich., assignor to The American Paper Bottle Company. Container. 2,198,119; Apr. 23.
Krenkel, Paul, Philadelphia, assignor to Textile Machine Works, Reading, Pa. Yarn carrier selector mechanism for knitting machines. 2,202,528; May 28.
Krenzer, George H., Rochester, N. Y. Potato and stone separator. 2,198,285; Apr. 23.
Krenzien, Otto, Berlin-Siemensstadt, assignor to Siemens-Halske Aktiengesellschaft, Siemensstadt, Berlin, Germany. Electron multiplier tube. 2,189,318; Feb. 6.
Krenzien, Otto, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Berlin, Germany. Electronic device. 2,190,914; Feb. 20.
Krenzien, Otto, Berlin-Siemensstadt, assignor to "Fides" Gesellschaft fur die Verwaltung und Verwertung von gewerblichen Schutzrechten m. b. H., Berlin, Germany. Secondary electron emitter and making it. 2,204,252; June 11.
Krenzien, Otto, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Berlin, Germany. Amplifying scheme for photo-cathodes. 2,205,207; June 18.
Kreps, Charles D., Hazel Crest, Ill. Dental partial plate holder. 2,187,457; Jan. 16.
Kresge, Harry L., New York, N. Y. Electrical connection for electric signs. 2,186,703; Jan. 9.
Kress, Heinz. (See Ewaldson, W. C., and Kress.)
Kress, Joseph J., Erie, Pa., assignor to Standard Stoker Company, Incorporated. Locomotive tender. 2,219,073; Oct. 22.
Kress, Otto, Appleton, assignor to The Institute of Paper Chemistry, Neenah, Wis. Removing wax from waxed paper stock. 2,186,609; Jan. 9.
Kress, Otto, and C. E. Johnson, assignors to The Institute of Paper Chemistry, Appleton, Wis. Proteinized hosiery. 2,192,919; Mar. 12.
Kress, Ralph H., Lawrence, assignor to Patent Protection Corporation, Lowell, Mass., trustee. Liquid automobile clutch control. 2,191,669; Feb. 27.
Kress, Willard C., Kenmore, assignor to J. H. Williams & Co., Buffalo, N. Y. Torque indicating wrench. 2,201,234; May 21.
Kretchmer, Frank P., Chicago, Ill. Extrusion device. 2,199,825; May 7.
Kretzschmar, August W., Detroit, Mich. Speed governor. 2,211,784; Aug. 20.
Kreutz, Paul H., Berlin, Germany. Steel band measure. 2,185,443; Jan. 2.

Kreutzer, Frederick J. (See Waterman, A. E., and Kreutzer.)
Kreutzig, Elsa, Jersey City, N. J. Brush tail comb. 2,196,812; Apr. 9.
Kreuzer, Barton, Los Angeles, Calif., assignor to Radio Corporation of America. Noise reduction circuit for sound recording. 2,224,914; Dec. 17.
Krick, Arthur E., and W. C. Starkey, assignors to L. G. S. Devices Corporation, Indianapolis, Ind. Well reamer. 2,217,592; Oct. 8.
Kriechbaum, Herbert L., Burlington, Iowa. Razor blade sharpener. 2,197,891; Apr. 23.
Kriechbaum, John P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,188,877; Jan. 30.
Kriechbaum, John P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system. 2,222,800; Nov. 26.
Krieck, James H., Roselle Park, N. J. Visible filtering apparatus. 2,200,795; May 14.
Krieck, James H., Roselle Park, N. J. Valve. 2,226,405; Dec. 24.
Krieg, Alfred, Woodbury, and W. D. Macgeorge, Wenonah, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lever control valve. 2,226,533; Dec. 31.
Kriegbaum, George M., Richmond, Ind., assignor to International Harvester Company. Planter. 2,192,977; Mar. 12.
Kriegbaum, George M., Richmond, Ind., assignor to International Harvester Company. Seal. 2,211,899; Aug. 20.
Kriegbaum, George M., and C. C. Haas, Richmond, Ind., assignors to International Harvester Company. Tractor attached implement. 2,209,029; July 23.
Krieger, Alvin W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,205,482; June 25.
Krieger, Alvin W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric snap switch. 2,205,483; June 25.
Krieger, Joseph, Chicago, Ill. Mixing valve faucet. 2,214,619; Sept. 10.
Krieger, Ralph S., St. Clair Shores, Mich. Arrowhead. 2,212,345; Aug. 20.
Krieger, Stewart O., Olympia, Wash., assignor to W. M. Derig. Machine to select, segregate, and choose addressograph frames. 2,200,751; May 14.
Kriegh, George W., Sacramento, Calif. Adjustable eccentric. 2,224,435; Dec. 10.
Kriek, Peter P., assignor to American Enka Corporation, Enka, N. C. Mechanism for use in the manufacture of artificial silk. 2,207,866; July 16.
Kriek, Peter P., assignor to American Enka Corporation, Enka, N. C. Process and apparatus for the treatment of rayon packages. 2,213,366; Sept. 3.
Kriekard, Edward W., Cedar Rapids, Iowa. Target game. 2,201,865; May 21.
Kries, John, Glendale, N. Y. Vehicle towing connector. 2,189,667; Feb. 6.
Kriger, Frederick M., Holyoke, Mass. Display truck for burial vaults. 2,220,160; Nov. 5.
Krilow, James E., Atlantic City, N. J. Coring utensil. 2,188,362; Jan. 30.
Krines, Oskar, Berlin, Germany, assignor to General Electric Company. Electric valve circuit. 2,194,308; Mar. 19.
Krinke, Harry J., et al. (See Cheney, Thomas A., assignor.)
Kriplean, John W., Medford, Wis. Rolling colter. 2,210,813; Aug. 6.
Krisak, Steve H. (See Lundquist, G., and Krisak.)
Krischke, George A., Rochester, N. Y. Table for automobile. 2,189,607; Feb. 6.
Krish, John A., Torrington, Conn. Sash balance. 2,202,740; May 28.
Kriss, Rose, assignor to O. Follender, East Islip, N. Y. Hair curling process. 2,204,936; June 18.
Krist, Henry K., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Mitigation of intercircuit interference. 2,213,564; Sept. 3.
Kristal, Robert M., Brooklyn, N. Y. Shoetree. 2,226,565; Dec. 31.
Kritchevsky, Wolf, assignor to Ninol, Inc., Chicago, Ill. Acid substituted hydroxy alkylamines and making same. Re. 21,530; Aug. 13.
Kritchevsky, Wolf, assignor to Rit Products Corporation, Chicago, Ill. Hair dyeing composition and method. 2,185,467; Jan. 2.
Kritchevsky, Wolf, assignor to Ninol, Inc., Chicago, Ill. Derivatives of alcohol amine condensation products. 2,192,664; Mar. 6.
Kritchevsky, Wolf, assignor to Ninol, Inc., Chicago, Ill. Laying of dust. 2,195,573; Apr. 2.
Kritchevsky, Wolf, assignor to Rit Products Corporation, Chicago, Ill. Brushless shaving cream. 2,195,713; Apr. 2.
Kritchevsky, Wolf, assignor to Ninol, Inc., Chicago, Ill. Treatment of textiles. 2,213,673; Sept. 3.
Kritzer, Richard W., assignor to Thermek Corporation, Chicago, Ill. Combined heating and cooking stove. 2,220,414; Nov. 5.
Krivobok, Vsevolod N., Pittsburgh, Pa., assignor to Rustless Iron and Steel Corporation. Alloy steel articles. 2,220,932; Nov. 12.
Krivobok, Vsevolod N., Pittsburgh, Pa., assignor to Rustless Iron and Steel Corporation. Alloy steel articles. 2,220,933; Nov. 12.
Krivobok, Vsevolod N., Pittsburgh, Pa., assignor to Rustless Iron and Steel Corporation. Alloy steel articles. 2,220,934; Nov. 12.
Krivobok, Vsevolod N., Pittsburgh, Pa., assignor to Rustless Iron and Steel Corporation. Alloy steel article. 2,222,621; Nov. 26.
Krivobok, Vsevolod N., Pittsburgh, Pa., assignor to Rustless Iron and Steel Corporation. Alloy steel article. 2,222,622; Nov. 26.
Krivutza, John, East Rochester, N. Y. Apparatus for fishing through the ice. 2,198,286; Apr. 23.
Krobusek, Joseph E., Springfield, Mo. Radiator cleaning device. 2,221,803; Nov. 19.
Kroch, Fritz. (See Kaufmann, Kurt, assignor.)
Kroch, Fritz, W. Sandner, and A. Teicher, Leipzig, Germany, said Sandner and said Teicher assignors to said Kroch. Apparatus for producing envelopes, paper money bags, or the like. 2,210,298; Aug. 6.
Krocker, Adolf G., Waco, Tex. Garage door operator. 2,225,785; Dec. 24.
Kroeger, John W. (See Bruson, H. A., and Kroeker.)
Kroeger, John W., Philadelphia, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Unsaturated ketones and producing them. 2,194,704; Mar. 26.
Kroeger, Joseph L., and W. T. Goff, St. Louis, Mo. Stand for hanging canvas. 2,222,078; Nov. 19.
Kroehler Mfg. Co. (See Schield, Wesley D., assignor.)
Kroenig, Walter. (See Herold, P., Kroenig, Kaufmann, and Donath.)
Kroenig, Walter. (See Pier, M., Kroenig, and Jaeckh.)
Kroenig, Walter. (See Pier, M., Simon, and Kroenig.)
Kroenke, Ruben J., and F. Fuller, East Detroit, Mich. Clothesline prop. 2,190,876; Feb. 20.
Kroenlein, Henry A., East Cleveland, assignor to Progress Vacuum Corporation, Cleveland, Ohio. Vacuum cleaner nozzle. 2,216,275; Oct. 1.
Kroes, Alex, Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio receiver. 2,226,727; Dec. 31.
Kroger Grocery & Baking Company, The. (See Peterson, Alfred G.)
Kroger, Rudolf, Niles Center, Ill. Gas-burning boiler and water heater. 2,198,310; Apr. 23.
Krogh, Anker E., assignor to The Brown Instrument Company, Philadelphia, Pa. Control system. 2,201,946; May 21.
Krogh, Anker E., assignor to The Brown Instrument Company, Philadelphia, Pa. Fluid operated controller. 2,223,356; Dec. 3.
Krogh, Peter O., assignor to Superior Body Company, Lima, Ohio. Automobile body roof frame structure. 2,185,345; Jan. 2.
Krogh, Peter O., assignor to Superior Body Company, Lima, Ohio. Releasable catch means for power operated casket-carrying tables or the like. 2,196,265; Apr. 9.
Krogh, Peter O., assignor to Superior Body Company, Lima, Ohio. Pillar construction for automobile bodies. 2,197,644; Apr. 16.
Krogh, Peter O., assignor to Superior Body Company, Lima, Ohio. Adjustable casket stop. 2,197,645; Apr. 16.
Krogh, Peter O., assignor to Superior Body Company, Lima, Ohio. Metal door frame for automobiles. 2,200,555; May 14.
Krohn, John, Jr., near San Martin, Calif. Ridger. 2,208,677; July 23.
Krohs, Walter. (See Bockmühl, M. Krohs, Racke, and Windisch.)
Krokey, Charles O. (See Herbster, A. E., and Krokey.)
Kroll, Marjorie. (See Kroll, Philip J., assignor.)
Kroll, Nathan J. (See Kroll, Samuel and N. J.)
Kroll, Philip J., Houston, Tex., assignor to M. Kroll, Cambridge, Mass. Vehicle rocking apparatus. 2,185,791; Jan. 2.
Kroll, Philip J., New Orleans, La., assignor to M. Kroll, Cambridge, Mass. Vehicle lifting apparatus. 2,199,524; May 7.
Kroll, Philip J., New Orleans, La., assignor to Marjorie Kroll, Cambridge, Mass. Vehicle rocking apparatus. 2,203,201; June 4.
Kroll, Samuel and N. J., Chicago, Ill. Collapsible carriage. 2,225,999; Dec. 24.
Kroll, Samuel and N. J., Chicago, Ill. Collapsible carriage. 2,226,000; Dec. 24.
Kroll, Stanley A., Queens Village, assignor to U. M. A. Inc., New York, N. Y. Intermittent venous occlusion apparatus. 2,225,308; Dec. 17.
Kroll, Wilhelm, Luxemburg, Luxemburg. Manufacturing titanium and alloys thereof. 2,205,854; June 25.
Krolop, Walter W., Bagley, assignor to The Showerway Company, (Incorporated), Minneapolis, Minn. Lavatory. 2,192,383; Mar. 5.
Kromas, Harry C., assignor to The Bush Manufacturing Company, Hartford, Conn. Radiator. 2,205,984; June 25.
Kron Company, The. (See Svensson, Ernst S., assignor.)
Kronberg, Ninni M., Rydsgard, assignor to Svenska Mjolkprodukter Aktiebolag, Stockholm, Sweden. Preparing dried milk. 2,213,283; Sept. 3.
Krone, Howard C. (See Meyer, W., and Krone.)

Kroner, Friedrich, Berlin-Charlottenburg, Germany. Device for producing pictorial representations. 2,220,527; Nov. 5.
Kroner, Friedrich, Berlin-Charlottenburg, Germany, assignor to Transart Aktiebolag, Goteborg, Sweden. Display device. 2,210,333; Aug. 6.
Kröner, Waldemar and H. Kothe, Berlin, Germany. Manufacturing dextrose-containing sugar products from carbohydrates by acid hydrolysis. 2,186,075; Jan. 9.
Kronheim, Jacob, et al. (See Freund, Morris, assignor.)
Kronheim, Jacob, et al. (See Neely, William H., assignor.)
Kronmiller, Carl G. (See Judson, A. L., and Kronmiller.)
Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Condition controller. 2,214,558; Sept. 10.
Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Snap-action switch. 2,220,802; Nov. 5.
Kronmiller, Carl G., and W. E. Edelman, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control mechanism. 2,194,243; Mar. 19.
Kronquest, Alfred L. (See O'Brien, F. J., and Kronquest.)
Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Tin plate sorting apparatus. 2,195,176; Mar. 26.
Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Machine for coating flanged can bodies. 2,206,778; July 2.
Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Sheet metal can body blank. 2,214,422; Sept. 10.
Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Crown cap spotting apparatus. 2,218,540; Oct. 22.
Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Method of and apparatus for forming crown cap center spots. 2,218,541; Oct. 22.
Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Machine for treating and sealing filled containers. 2,227,190; Dec. 31.
Kronquest, Alfred L., and O. A. Schmitt, Syracuse, assignors to Continental Can Company, Inc., New York, N. Y. Roller mounting for can head seaming apparatus. 2,216,082; Sept. 24.
Kroon, Reinout P., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine rotor. 2,211,857; Aug. 20.
Kroon, Reinout P., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Supporting construction. 2,212,346; Aug. 20.
Kropa, Edward L. (See Daniels, L. C., and Kropa.)
Kropacsy, Charles. (See Suter, E. F., and Kropacsy.)
Kröper, Hugo, Hamburg, and E. Thomae, Stuttgart, assignors to the firm Chemische Fabrik Promonta G. m. b. H., Hamburg, Germany. Saponaceous shaving composition. 2,185,255; Jan. 2.
Kropp, Walter, and L. Taub, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. N-alkyl-C-methyl-barbituric acid compounds. 2,206,779; July 2.
Kropp, Willis A., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,187,608; Jan. 16.
Kropp, Willis A., Oak Park, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating machine. 2,188,600; Jan. 30.
Kropp, Willis A., Oak Park, assignor to Ditto, Incorporated, Chicago, Ill. Gelatin band shifting and tightening means for duplicating machines. 2,220,249; Nov. 5.
Kropscott, Earle L. (See Bass, S. L., and Kropscott.)
Kropscott, Earle L., assignor to The Dow Chemical Company, Midland, Mich. Cellulose ether composition. 2,226,823; Dec. 31.
Kross, Mark R., Chicago, Ill. Liquid separating device. 2,223,256; Nov. 26.
Krosta, Viktor, Mulheim, Ruhr, Germany. Producing casting molds. 2,211,133; Aug. 13.
Krotkov, Leonid, Hamburg, N. Y. Boiler. 2,220,486; Nov. 5.
Krotz, Alvin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Adjustable vehicle suspension. 2,191,211; Feb. 20.
Krotz, Alvin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vehicle wheel mounting. 2,226,406; Dec. 24.
Krout, Ray W., Paterson, assignor to Charms Company, Bloomfield, N. J. Candy-pulling machine. 2,214,793; Sept. 17.
Krout, Ray W., Paterson, assignor to Charms Company, Bloomfield, N. J. Candy-making machine. 2,224,400; Dec. 10.
Kroydon Co. Inc., The. (See Birkhofer, John J., assignor.)
Kruck, Eugen, Neu-Isenburg, Germany. Force measuring device. 2,199,955; May 7.
Kruckenberg, Fred E., Fort Wayne, Ind. Mold for making hollow concrete casts. 2,219,106; Oct. 22.
Krueger, Albert G. (See Vaughan, F. P., Krueger, and Slye.)
Krueger, Albert G., Green Bay, Wis. Bracket for dispensing rolls. 2,222,951; Nov. 26.
Krueger, Albert G., F. P. Vaughan, N. J. Slye, and J. B. Engel, assignors to Bay West Paper Company, Green Bay, Wis. Paper dispensing cabinet. 2,202,011; May 28.
Krueger, Alfred P., assignor to T. H. Krueger, Stratford, Conn. Gummed tape. 2,194,309; Mar. 19.
Krueger, Alfred P., Stratford, assignor to Derby Sealers, Incorporated, Derby, Conn. Moistening device for tapes, labels, envelopes, and the like. 2,226,566; Dec. 31.
Krueger, Elmer E., assignor to Lee-Tex Rubber Products Corporation, Chicago, Ill. Toy balloon. 2,193,069; Mar. 12.
Krueger, Elmer W., assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Shock absorber. 2,224,305; Dec. 10.
Krueger, Elmer W., assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Shock absorbing device. 2,224,306; Dec. 10.
Krueger, Elmer W., Cleveland, and J. E. Wallace, Shaker Heights, assignors to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Shock absorber. 2,213,819; Sept. 3.
Krueger, Harris G., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Card shuffler. 2,208,459; July 16.
Krueger, Herman A. (See Carroll, Charles E., assignor.)
Krueger, Richard G. (See Allen, Paul E., assignor.)
Krueger, Theodore H. (See Krueger, Alfred P., assignor.)
Krueger, Theodore H., Shelton, Conn. Index tab or title protector. Re. 21,558; Sept. 10.
Krueger, Theodore H., Shelton, Conn. Device for applying strips. 2,202,314; May 28.
Kruell, George J., Milwaukee, Wis. Machine for reseating manhole frames. 2,211,134; Aug. 13.
Krug, Julius E., Berlin, Germany, assignor to Combustion Engineering Company, Inc., New York, N. Y. Furnace. 2,216,117; Oct. 1.
Krügel, Lothar, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Transmission line. 2,219,653; Oct. 29.
Kruger, Guss O., Madison, S. Dak. Fork. 2,200,179; May 7.
Krüger, Johannes, assignor to Olympia Buromaschinenwerke A. G., Erfurt, Germany. Typewriting machine. 2,218,956; Oct. 22.
Krüger, Karl, and L. Koop, assignors to Fischer & Krecke G. m. b. H., Bielefeld, Germany. Machine for grinding and making ready printing plates. 2,206,229; July 2.
Krugler, Allen D., Pontiac, Mich., and K. R. Lewis, Marshalltown, Iowa, assignors to Phillips Petroleum Company. Gas heater. 2,193,176; Mar. 12.
Krugloff, Stephen. (See MacFarland, L. W., and Krugloff.)
Krukau, Henry W. (See Robinson, E. N., Jr., and Krukau.)
Krulish, John A., Elmhurst, assignor to International Projector Corporation, New York, N. Y. Rear shutter housing for motion picture projectors. 2,211,830; Aug. 20.
Krum, Alfred, Dusseldorf-Eller, assignor to Rheinmetall-Borsig Aktiengesellschaft, Dusseldorf, Germany. Elevating mechanism for guns having fine and coarse adjusting mechanism. 2,223,891; Dec. 3.
Krum, Howard L., Miami Beach, Fla., and C. W. Swan, assignors to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,193,970; Mar. 19.
Krum, Howard L., Miami Beach, Fla., and A. H. Reiber, Evanston, assignors to Teletype Corporation, Chicago, Ill. Telegraph transmitter. 2,213,223; Sept. 3.
Krumbach, Will, Highland Park, assignor to Adjustable Clamp Company, Chicago, Ill. Miter clamp. 2,186,198; Jan. 9.
Krumdick, Walter E., Mercer, assignor of one-half to P. Kirbach, Rest Lake, Wis. Fishhook. 2,211,064; Aug. 13.
Krumholtz, Fred L., Dayton, Ohio, assignor to Five-Way Expansion Joint Co., Chicago, Ill. Expansion joint for concrete structures. 2,208,005; July 16.
Krupnik, Phillip, Chicago, Ill., assignor to I. J., L., and B. W. London, Detroit, Mich. Projection apparatus. 2,208,944; July 23.
Krupp, Fried., Aktiengesellschaft. (See Nuding, Emil, assignor.)
Krupp, Fried., Aktiengesellschaft. (See Vogel, Walter, assignor.)
Krupp, Fried., Grusonwerk, Aktiengesellschaft. (See Köhler, Heinrich, assignor.)
Krupp, Fried., Grusonwerk, Aktien-Gesellschaft. (See Linke, Gerhard, assignor.)
Krupp, Fried., Grusonwerk, Aktiengesellschaft. (See Rosenbaum, Kurt, assignor.)
Krupp. Herman, Seattle, Wash. Pneumatic boat. 2,223,625; Dec. 3.
Krupp Nirosta Co. (See Schafmeister, Paul, assignor.)
Krupp Nirosta Company. (See Schafmeister, P., and Houdremont, assignors.)
Krus, Adolf. (See Eulenstein, F., and Krus.)
Kruse, John F. W., Oakmont, Pa., assignor to Hubbard and Company. Spring washer and making same. 2,224,969; Dec. 17.
Kruse, Michael, Hamburg, assignor to Bauer & Schaurte, Neuss, Rhine, Germany. Device for measuring lengths on an electromagnetic base. 2,219,708; Oct. 29.

Krutsch, Lloyd H., assignor of one-half to G. H. Schwickrath, Tulsa, Okla. Holding device for ball and socket joints. 2,208,325; July 16.
Krzikalla, Hans. (See Fischer, E., Gmelin, Huss, Krzikalla, and Pardon.)
Krzikalla, Hans. (See Morschel, H., Nüssler, Krzikalla, and Alt.)
Krzikalla, Hans, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline & Film Corporation. Coloring matters from azo dyestuffs. 2,215,105; Sept. 17.
Krzikalla, Hans, and W. Alt, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation. Manufacture of azo dyestuffs and dyeing textile materials therewith. 2,191,824; Feb. 27.
Krzikalla, Hans, P. Garbsch, and C. Schoeller, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of condensation products suitable as assistants in the lacquer and related industries. 2,194,429; Mar. 19.
Krzikalla, Hans, and W. Limbacher, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline & Film Corporation. Polyazo dyestuffs containing metal. 2,194,857; Mar. 26.
Krzikalla, Hans, C. Schoeller, W. Pannwitz, and H. Denner, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Nitrogenous condensation products and producing same. 2,194,906; Mar. 26.
Krzikalla, Hans, and H. Wenning, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation. Water-soluble dyestuffs. 2,224,112; Dec. 3.
Ksoll, Joseph, Breslau, Germany. Airplane supporting plane. 2,222,435; Nov. 19.
Kubach, August B., South Milwaukee, Wis. Corpse lifting apparatus. 2,203,732; June 11.
Kubalanza, Frank J. (See Graves, E. R., Powell, Kubalanza, and Voigt.)
Kuban, Kurt W., assignor to Battle Creek Bread Wrapping Machine Company, Battle Creek, Mich. Automatic cutout and brake for bread slicing machines. 2,218,757; Oct. 22.
Kubaugh, Benjamin F., assignor to Henry Vogt Machine Co., Inc., Louisville, Ky. Method and apparatus for freezing ice. 2,200,424; May 14.
Kubinyi, Joseph, Canton, Ohio. Safety envelope. 2,214,169; Sept. 10.
Kubitza, Marguerite. (See Mizera, Frank E., assignor.)
Kubitzek, Alfred, Dresden, Laubegast, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photoelectric cell. 2,206,196; July 2.
Kübler, Erwin, Berlin-Siemensstadt, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Rectifier system. 2,205,208; June 18.
Kublin, Frederick W., assignor to Dazey Churn & Manufacturing Company, St. Louis, Mo. Can opener. 2,204,368; June 11.
Kucera, Frank A., assignor to Union Special Machine Company, Chicago, Ill. Feed mechanism for sewing machines. 2,197,255; Apr. 16.
Kucera, Frank A., assignor to Union Special Machine Company, Chicago, Ill. Collapsible connecting rod. 2,197,256; Apr. 16.
Kucera, Frank A., assignor to Union Special Machine Company, Chicago, Ill. Feeding mechanism for sewing machines. 2,199,666; May 7.
Kucharsky, Maurice H., Montreal, Quebec, Canada. Automatic straw dispenser. 2,195,177; Mar. 26.
Kucher, Andrew A. (See Gray, Floyd E., assignor.)
Kucher, Andrew A., Dayton, Ohio. Boiler. 2,189,365; Feb. 6.
Kucher, Andrew A., Dayton, Ohio. Musical system. 2,223,489; Dec. 3.
Kucher, Andrew A., assignor, by mesne assignments, to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,189,494; Feb. 6.
Kucher, Andrew A., assignor to General Motors Corporation, Dayton, Ohio. Motor-compressor unit for refrigerating apparatus. 2,215,512; Sept. 24.
Küchler, Erich, Budenheim, near Mainz, K. Hermes, Mainz, and H. J. F. von Dobeneck, Budenheim, near Mainz, assignors to Chemische Fabrik Budenheim Aktiengesellschaft, Mainz, Germany. Softening water. 2,198,542; Apr. 23.
Kuchta, William, Jr., assignor to Homer Commutator Corporation, Cleveland, Ohio. Commutator. 2,211,979; Aug. 20.
Kück, Herbert, assignor to G. Polysius Aktiengesellschaft, Dessau, Germany. Separator. 2,211,274; Aug. 13.
Kuckuck, Berthold, Mount Vernon, assignor to Elastic Rail Spike Corporation, New York, N. Y. Resilient rail spike. 2,188,084; Jan. 23.
Kucznierz, Martin R., assignor to Nordiska Svagströms Aktiebolaget, Stockholm, Sweden. Driving mechanism for gramophones. 2,213,524; Sept. 3.
Kudar, Hans, Berlin-Schoneberg, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Projection system. 2,222,414; Nov. 19.
Kudo, Hiojiro, Takahane, Nada-ku, Kobe, assignor to The Kobe Seikosho Company, Limited, Fukiai-ku, Kobe, Japan. Impact testing machine. 2,200,028; May 7.
Kuebler, Chester A., and W. J. Bolton, assignors to Uniflow Manufacturing Company, Erie, Pa. Refrigerant system and apparatus. 2,207,125; July 9.
Kueffer, E. H. (See Metcalf, Herbert E., assignor.)
Kuehl, Walter A., Chicago, Ill. Soldering iron stands. 2,213,367; Sept. 3.
Kuehl, Walter A., Chicago, Ill. Electric soldering iron. 2,221,422; Nov. 12.
Kuehn, Erich. (See Reppe, W., and Kuehn.)
Kuehn, William G., and M. E. Hover, Culver City, assignors of one-third to F. Jervis and one-third to J. B. Miller, Los Angeles, and one-third to M. E. Hover, Culver City, Calif. Ladder hoist. 2,219,133; Oct. 22.
Kuehn, Wilton H., Hebron, N. Dak. Automobile heating apparatus. 2,211,831; Aug. 20.
Kuehne, Charles F., Jersey City, N. J. Game. 2,212,838; Aug. 27.
Kuehne, Grace A., Evanston, Ill. Blocking frame. 2,195,673; Apr. 2.
Kuehne, Walther. (See Krause, K., and Mieg.)
Kuehni, Hans P., Schenectady, N. Y., assignor to General Electric Company. Cathode ray oscillograph control circuits. 2,219,188; Oct. 22.
Kuenning, Earl, New Bremen, Ohio. License plate attachment. 2,211,135; Aug. 13.
Kuentzel, Ward E., Whiting, Ind., and W. L. Webb, Chicago, assignors to Standard Oil Company, Chicago, Ill. Polymerizing olefin hydrocarbons. 2,221,000; Nov. 12.
Kuenzli, Walter A., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,203,023; June 4.
Kuenzli, Walter A., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,207,260; July 9.
Kuenzli, Walter A., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,208,798; July 23.
Kuenzli, Walter A., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigerator. 2,226,617; Dec. 31.
Kuert, Ira J., Los Angeles, Calif. Mobile hoisting apparatus. 2,196,634; Apr. 9.
Kuert, Ira J., Los Angeles, Calif. Lid holder. 2,198,825; Apr. 30.
Kuert, Ira J., Los Angeles, Calif. Lid support. 2,200,556; May 14.
Kuespert, Karlhugo. (See Ulrich, H., and Kuespert.)
Kuespert, Karlhugo. (See Ulrich, H., Kuespert, and Sattler.)
Kuethe, Edward E., Rockford, Minn. Vehicle door lock. 2,194,601; Mar. 26.
Kuever, Rudolph A., Iowa City, Iowa, assignor to The Pepsodent Co., Chicago, Ill. Dentifrice. 2,216,816; Oct. 8.
Kufferath, Antonius, Mariaweiler, near Duren, Germany, assignor to Neumeyer & Dimond, Inc., New York, N. Y. Drum sieve. 2,193,006; Mar. 12.
Kugler, Keith K., Culbertson, Nebr., assignor to American Hard Rubber Company, New York, N. Y. Closure device for battery box covers. 2,204,088; June 11.
Kühl, Georg W., Helmstedt, Braunschweig, Germany. Softening water. 2,216,844; Oct. 8.
Kuhl, Paul E., Cranford, N. J., assignor to Standard Oil Development Company. Apparatus for cracking oil.
Kuhlman, Arthur L., Ann Arbor, Mich. Self-locking plug. 2,210,625; Aug. 6.
Kuhlman, Arthur L., Ann Arbor, Mich. Electrical locking receptacle. 2,222,715; Nov. 26.
Kuhlman, Henry H., Mira Loma, Calif. Pneumatic seat. 2,216,818; Oct. 8.
Kuhlman, Leo G., Covington, Ky. Calculating device. 2,185,202; Jan. 2.
Kuhlman, William A., Los Angeles, Calif. Sharpening stone oiler and support. 2,191,719; Feb. 27.
Kuhn, Alfred R., Queens Village, assignor to Metropolitan Device Corporation, Brooklyn, N. Y. Meter socket. 2,206,408; July 2.
Kuhn, Clarence W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Control device. 2,185,814; Jan. 2.
Kuhn, Clarence W., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Refrigerating system. 2,210,035; Aug. 6.
Kuhn, Clarence W., and A. P. Charbonneau, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Thermal protective switch. 2,187,975; Jan. 23.
Kuhn, Clarence W., and A. P. Charbonneau, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Thermally actuated switch. 2,210,084; Aug. 6.
Kuhn, Ernst. (See Kallmann, H., and Kuhn.)
Kuhn, Ernst. (See Kallmann, H. I., and Kuhn.)
Kuhn, Ernst, Berlin, and H. Kallmann, Berlin-Charlottenburg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Method and device for generating a beam of ions of high velocity. 2,219,033; Oct. 22.
Kuhn, Frank, Detroit, and L. H. Thomas, Birmingham, assignors to American Electrical Heater Company, Detroit, Mich. Thermostat. 2,191,670; Feb. 27.
Kuhn, Frank, Detroit, and L. H. Thomas, Birmingham, assignors to American Electrical Heater Company, Detroit, Mich. Soldering iron. 2,198,877; Apr. 30.
Kuhn, Frank, Detroit, and L. H. Thomas, Birmingham, assignors to American Electrical Heater Company, Detroit, Mich. Electric heating device. 2,200,557; May 14.
Kuhn, Frank O., Flint, Mich. Electric switch. 2,190,842; Feb. 20.

Kuhn, Frederick A., Meriden, Conn. Receiver sight. 2,211,953; Aug. 20.
Kühn, Hans, Munich, Germany. Bottle carrier. 2,194,024; Mar. 19.
Kuhn, John J. (See Curran, S. T., and Kuhn.)
Kuhn, John W., Akron, Ohio. Collar and tie support. 2,192,834; Mar. 5.
Kuhn, John W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Pneumatic spring. 2,192,355; Mar. 5.
Kuhn, Max O., Cuyahoga Falls, assignor, by mesne assignments, to The Firestone Tire & Rubber Company, Akron, Ohio. Grid-trimming apparatus. 2,200,886; May 14.
Kuhn, Wayne E., Jackson Heights, assignor to The Texas Company, New York, N. Y. Treatment of hydrocarbons. Re. 21,625; Nov. 19.
Kuhn, Wayne E., Jackson Heights, assignor, by mesne assignments, to Texaco Development Corporation, New York, N. Y. Treatment of hydrocarbons. 2,188,363; Jan. 30.
Kuhn, Wilhelmina M. (See Schaaff, Louis W., assignor.)
Kühne, Joachim, Berlin-Wilmersdorf, and A. Dresler, Berlin-Dahlem, Germany, assignors to General Electric Company. Electric incandescent lamp. 2,208,987; July 23.
Kühnel, Carl, Berlin-Charlottenburg, Germany. Electrical lamp. 2,212,664; Aug. 27.
Kühnel, Carl, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Mixing bowl fastener. 2,187,426; Jan. 16.
Kühnel, Paul, assignor to Ruhrchemie Aktiengesellschaft, Oberhausen-Holten, Germany. Producing aluminum chloride. 2,190,913; Feb. 20.
Kuhner, Frederick M., Worcester, Mass. Steam generator. 2,221,142; Nov. 12.
Kuhner, Max H., assignor to Riley Stoker Corporation, Worcester, Mass. Steam purifying apparatus. 2,191,671; Feb. 27.
Kuhner, Max H., assignor to Riley Stoker Corporation, Worcester, Mass. Steam generator. 2,221,382; Nov. 12.
Kühni, Hans, Basel, Switzerland, assignor to L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude, Paris, France. Device for breaking froth. 2,206,507; July 2.
Kuhnl, Leopold. (See Hilliard, J. H., and Kuhnl.)
Kuhnl, Leopold. (See Morris, W. T., and Kuhnl.)
Kuhnl, Leopold, Bridgeport, Conn., assignor to Magazine Repeating Razor Company, New York, N. Y. Magazine for razor blades. 2,200,752; May 14.
Kuhnl, Leopold, Bridgeport, Conn., assignor to Magazine Repeating Razor Company, New York, N. Y. Razor. 2,205,568; June 25.
Kuhnl, Leopold, Bridgeport, Conn., assignor to Magazine Repeating Razor Company, New York, N. Y. Magazine for razor blades. 2,215,008; Sept. 17.
Kuhns, Austin, assignor to Farrel-Birmingham Company, Incorporated, Buffalo, N. Y. Power assembly. 2,213,045; Aug. 27.
Kuhns, Austin, assignor to Farrel-Birmingham Company, Incorporated, Buffalo, N. Y. Power assembly. 2,215,646; Sept. 24.
Kuhns, Austin, assignor to Farrel-Birmingham Company, Incorporated, Buffalo, N. Y. Slip coupling drive assembly. 2,216,118; Oct. 1.
Kuhns, Austin, and E. R. Gasser, assignors to Farrel-Birmingham Company, Inc., Buffalo, N. Y. Power transmission assembly. 2,211,832; Aug. 20.
Kuhns, Austin, and E. R. Gasser, assignors to Farrel-Birmingham Company, Incorporated, Buffalo, N. Y. Method and means for maintaining gear tooth alignment between pinions and gears. 2,218,990; Oct. 22.
Kuhns, Harry G. (See Piper, W. B., and Kuhns.)
Kuhns, Hayes R., Killbuck, Ohio. Joint and seal therefor. 2,226,312; Dec. 24.
Kuhns, William L., Girard, Ohio. Lighted bobber for fishlines. 2,201,588; May 21.
Kuhrts, George J., Jr., assignor, by mesne assignments, to Standard Steel Corporation, Los Angeles, Calif. Portable paving plant. 2,192,195; Mar. 5.
Kuhsel, Joseph A., Hamburg-Altona, Germany. Drag shovel. 2,191,569; Feb. 27.
Kuiper, Gerhard C. R., assignor to The Midland Steel Products Company, Cleveland, Ohio. Vehicle brake. 2,219,689; Oct. 29.
Kuiper, Gerhard C. R., and M. Mukerjee, assignors to The Midland Steel Products Company, Cleveland, Ohio. Braking mechanism. 2,208,132; July 16.
Kuipers, Minne, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn. Discharge tube. 2,225,645; Dec. 24.
Kukolich, Stephen J. (See Lewis, H. F., and Kukolich.)
Kulieke, Frederick C. (See Cottrell, R. B., and Kulieke.)
Kulka, Eugene R., assignor to C. D. Wood Electric Company, Inc., New York, N. Y. Electric light fixture. 2,218,173; Oct. 15.
Kulka, Frank M., assignor to Motor Castings Company, Milwaukee, Wis. Mold skin drier. 2,187,161; Jan. 16.
Kulka, Vilem, Brunn, Moravia. Apparatus for the exchange of heat. 2,198,671; Apr. 30.
Kullberg, William E., Avon, Conn. Stove lid. 2,200,180; May 7.
Kulling, Rudolph C., Chicago, Ill. Can perforator. 2,200,029; May 7.
Kullmann, Earl L. (See Schultz, R. E., and Kullmann.)
Kulp, Harry W., assignor to K-D Manufacturing Company, Lancaster, Pa. Keeper inserter. 2,185,346; Jan. 2.
Kulp, Harry W., Lancaster, Pa., assignor to K-D Manufacturing Company. Device for removing and replacing piston rings. 2,195,216; Mar. 26.
Kulz, Fritz, and C. A. Hornung, Frankfort-on-the-Main, Germany. Compounds of the isoquinoline series. 2,223,373; Dec. 3.
Kumetat, Karl. (See Wilmanns, G., Kumetat, Fröhlich, Schneider, and Brodersen.)
Kümmich, Richard, Berlin-Tempelhof, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Direction finder. 2,216,950; Oct. 8.
Kümmich, Richard, and H. Rukop, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio direction finder. 2,190,717; Feb. 20.
Kümmich, Richard, and A. Gothe, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Direction finder. 2,226,379; Dec. 24.
Kümmich, Theodor, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Change-speed gear especially for motor vehicles. 2,206,409; July 2.
Kumnick, Miles C., Kearny, and Q. L. Quinlivan, Arlington, N. J., assignors to The Celastic Corporation, Wilmington, Del. Stiffening member for shoes and the like. 2,217,171; Oct. 8.
Kump, Henry, Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Fastening means for securing railway car lining. 2,201,778; May 21.
Kun, Eugene, assignor to Evans Case Company, North Attleboro, Mass. Catch. 2,203,202; June 4.
Kuna, Josef, London, England. Covered sliding clasp fastener. 2,201,792; May 21.
Kunde, William P., Berwyn, Ill. Pail holders for ladders. 2,226,228; Dec. 24.
Kunkel, Frederick W., assignor to Eastman Kodak Company, Rochester, N. Y. Ventilating device for centrifuge casings. 2,203,654; June 4.
Kunkel, Victor V., Los Angeles, Calif. Vending machine. 2,209,461; July 30.
Kunkle, George, Grand Junction, Colo. Ore concentrating machine. 2,221,589; Nov. 12.
Kunold, Edward T., and J. J. Friedman, Omaha, Nebr.; said Kunold assignor to R. Friedman. Storm sash hanger. 2,190,187; Feb. 13.
Kunstadter, Wilhelm, Budapest, Hungary. Developing device for light-sensitive paper. 2,200,451; May 14.
Kunstorff, Werner, San Francisco, Calif. Steam trap. 2,194,946; Mar. 26.
Kuntke, Alfred. (See Bouwers, A., and Kuntke.)
Kuntke, Alfred, Eindhoven, Netherlands, assignor, by mesne assignments to Hartford National Bank and Trust Company, Hartford, Conn. Voltage regulation. 2,227,353; Dec. 31.
Kuntke, Alfred, Hamburg, Germany, and C. W. Daumann, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. X-ray apparatus. 2,222,536; Nov. 19.
Kuntz, Frank A., Woodhaven, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Light fixture for telephone booths. 2,225,057; Dec 17.
Kunz, Alfons. (See Helle, J., and Kunz.)
Kunz, Alfonz, Fuzfo, Hungary. Extrusion mold. 2,194,589; Mar. 26.
Kunz, Eric C., Montclair, and A. T. Fiore, Passaic, N. J., assignors to Givaudan-Delawanna, Inc., New York, N. Y. Mineral oil solutions. 2,202,387; May 28.
Kunz, Heinrich, and H. Berger, Erlangen, assignor to Siemens-Reiniger-Werke Aktiengesellschaft, Berlin, Germany. Switching device for X-ray work. 2,205,209; June 18.
Kunz, Jakob. (See Tykociner, J. T., Kunz, and Garner.)
Kunz, William J., Port Washington, N. Y., and J. P. Carey, Little Falls, N. J., assignors to Combustion Engineering Company, Inc., New York, N. Y. Mounting device for boiler casings. 2,223,215; Nov. 26.
Kunze, Albert, Dessau, Germany, assignor to Junkers Flugzeug-und-Motorenwerke, Aktiengesellschaft. Operating mechanism for aircraft wing flaps. 2,218,114; Oct. 15.
Kunze, Albert J., Cleveland, Ohio. Apparatus for making dental records. 2,185,508; Jan. 2.
Kunze, Wilhelm. (See Zerweck, W., and Kunze.)
Kunze, Wilhelm, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline & Film Corporation. Azo dyestuffs insoluble in water. 2,222,775; Nov. 26.
Kunzelman, John R., Stillwater, Minn. Self-cleaning rake. 2,211,236; Aug. 13.
Küpfmüller, Karl, Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Berlin-Siemensstadt, Germany. Wide frequency band amplifier. 2,210,981; Aug. 13.
Kupka, John J., New Brunswick, N. J., and G. T. Wilson, Buffalo, N. Y. Valve mechanism. 2,218,824; Oct. 22.
Kuppe, Karl, Cologne-Lindenthal, Germany, assignor to General Aniline & Film Corporation. Vat dyestuffs of the anthraquinone series. 2,205,855; June 25.

Kuppenbender, Heinz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Schooling device for airplane pilots. 2,186,545; Jan. 9.
Küppenbender, Heinz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Polarizer. 2,190,718; Feb. 20.
Küppenbender, Heinz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic objective mount. 2,193,459; Mar. 12.
Küppenbender, Heinz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Stereoscopic camera. 2,194,284; Mar. 19.
Küppenbender, Heinz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Reading and copying device. 2,226,618; Dec. 31.
Küppenbender, Heinz, O. Fischer and G. Henkel, Dresden, O. Peters, Hansdorf, and A. Mende, Dresden, assignors to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic camera. 2,199,464; May 7.
Kuppersbuch, F., & Sohne A. G. (See Bornkessel, Paul, assignor.)
Kurkjian, Yervant H., Hawthorne, N. J. Printing and bead forming device. 2,221,711; Nov. 12.
Kurlash Company, The. (See Tuttle, W. R., and Stickel, assignors.)
Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,209,231; July 23.
Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting and calculating machine. 2,214,082; Sept. 10.
Kürsteiner, Ernst, Kjelsas, near Oslo, Norway. Machine for punching and coiling dynamo core ribbons. 2,200,425; May 14.
Kurth, Edwin L., Mitchell, S. Dak. Economy file. 2,208,726; July 23.
Kurth, Franz J., New York, N. Y. Ventilating device. 2,185,919; Jan. 2.
Kurth, Franz J., New York, N. Y. Ventilating device. 2,189,008; Feb. 6.
Kurth, Franz J., New York, N. Y., assignor to Anemostat Corporation of America. Air distributing device. 2,199,525; May 7.
Kurth, Franz J., New York, N. Y., assignor to Anemostat Corporation of America. Air distributing device. 2,207,201; July 9.
Kurth, Franz J., New York, N. Y., assignor to Anemostat Corporation of America. Combined air diffusing and illuminating device. 2,209,887; July 30.
Kurth, Franz J., New York, N. Y., assignor to Anemostat Corporation of America. Combined air distributing and illuminating device. 2,210,589; Aug. 6.
Kurth, Matthew G., Madison, Wis. Compound packing. 2,227,264; Dec. 31.
Kurti, Aladar, Highland Park, N. J., assignor, to Mack Manufacturing Corporation, Long Island City, N. Y. Planetary gear transmission. 2,214,335; Sept. 10.
Kurtz, Alfred, Brooklyn, N. Y. Food grater. 2,208,335; July 16.
Kurtz, Cyrus B., Lakeside, Ohio. Control mechanism. 2,221,976; Nov. 19.
Kurtz, Edward F., assignor to Metals & Controls Corporation, Attleboro, Mass. Thermostatic control device. 2,207,462; July 9.
Kurtz, Henry F. (See Gallasch, G. B., Kurtz, and Wittig, assignors.)
Kurtz, Henry F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Apparatus for cutting contours. 2,203,389; June 4.
Kurtz, Henry F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Projection apparatus. 2,214,376; Sept. 10.
Kurtz, Henry F., Rochester, and B. J. Wolfe, Greece, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Projector. 2,221,920; Nov. 19.
Kurtz, Jacob, Teaneck, assignor to Callite Tungsten Corporation, Union City, N. J. Molybdenum alloy. 2,207,380; July 9.
Kurtz, Jacob, Teaneck, assignor to Eisler Electric Corporation, Union City, N. J. Electrode structure. 2,222,669; Nov. 26.
Kurtz, Lee L., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Sintering and impregnating porous metal briquettes. 2,192,792; Mar. 5.
Kurtz, Lee L., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Forming porous metal articles. 2,219,423; Oct. 29.
Kurtz, Leonard J., Cleveland, Ohio. Cleaner. 2,186,140; Jan. 9.
Kurtz, Loron G., Brooklyn, and C. C. Ottoson, Port Richmond, Staten Island, N. Y. Loading boot. 2,194,475; Mar. 26.
Kurtz, Loron G., Brooklyn, and C. C. Ottoson, Port Richmond, Staten Island, N. Y. Refuse collecting truck. 2,224,789; Dec. 10.
Kurtz, Oskar. (See Garve, A., and Kurtz.)
Kurtz, Oskar. (See Leser, O., Garve, and Kurtz.)
Kurtz, Oskar, and A. Garve, assignors to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Internal combustion engine. 2,216,494; Oct. 1.
Kurtz, Peter, Leverkusen-Wiesdorf, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Maleic acid and fumaric acid derivative. 2,224,022; Dec. 3.
Kurtzeborn, Frederick G., St. Louis, Mo. Trimming and perforating die. 2,195,819; Apr. 2.
Kurtzon, George B., Chicago, Ill., assignor to Garden City Plating & Mfg. Co., Inc., Lamp ejector. 2,221,402; Nov. 12.
Kury, Philip J. (See Brewer, Charles A., assignor.)
Kurz, Frederick E. (See Flynn, E. D., and Kurz.)
Kurzina, Stanley B., Jr., Elmira, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Coaster brake and making same. 2,189,956; Feb. 13.
Kurzina, Stanley B., Jr., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Coaster brake. 2,213,165; Aug. 27.
Kurzina, Stanley B., Jr., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Hub brake. 2,215,965; Sept. 24.
Kushima, James I., Ewa, Hawaii. Cooling receptacle. 2,187,558; Jan. 16.
Kushiner, Phillip S., Detroit, Mich. Combined ash tray and cigarette extinguisher. 2,227,354; Dec. 31.
Kusikoff, Harold A., New York, N. Y. Changing surface ornamentations on furs. 2,188,601; Jan. 30.
Küster, Alfred. (See Eggert, J., and Küster.)
Kuster, Vivian E., assignor to The Hewitt-Kuster Co., Long Beach, Calif. Tool guide. 2,195,871; Apr. 2.
Kutil, Clyde R., Sioux City, Iowa. Convertible bicycle attachment. 2,220,528; Nov. 5.
Kutol Products Company. (See McVicker, Cleophas, assignor.)
Kutsche, Alfred P., Milwaukee, Wis. Curtain drier. 2,216,244; Oct. 1.
Kutter, Herman L., assignor to The Black-Clawson Company, Hamilton, Ohio. Papermaking machine. 2,216,817; Oct. 8.
Kuttes, Anthony, Oakland, Calif. Time controlled actuating mechanism. 2,210,299; Aug. 6.
Kux, Albert S., Chicago, Ill. Casting machine. 2,214,638; Sept. 10.
Kuylen, John, assignor of one-half to I. Axel, Cleveland, Ohio. Calf-delivery apparatus. 2,219,481; Oct. 29.
Kuyper, Peter H., assignor to Rolscreen Company, Pella, Iowa. Window structure. 2,188,050; Jan. 23.
Kuzelka, William R., New York, N. Y. Piano string bridging device. 2,191,487; Feb. 27.
Kuzmann, Alexander J., Philadelphia, assignor of five-sixteenths to W. C. Foulds, Germantown, and four-sixteenths to D. T. Busch, Drexel Hill, Pa. Colloidal metal producing machine. 2,221,874; Nov. 19.
Kuzmick, Joseph N., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Manufacture of abrasive products. 2,197,552; Apr. 16.
Kuzmick, Paul L., Clifton, assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Resilient mounting for abrasive wheels. 2,187,350; Jan. 16.
Kuzmitz, Frank V., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Outboard motor. 2,227,392; Dec. 31.
Kvalnes, Hamline M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Denaturant. 2,192,136; Feb. 27.
Kvalnes, Hamline M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Denatured materials. 2,192,137; Feb. 27.
Kvalnes, Hamline M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Denaturant. 2,196,152; Apr. 2.
Kvalnes, Hamline M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Denaturant. 2,209,900; July 30.
Kvarnstrom, Alfred T., Detroit, Mich. Windshield wiper motor. 2,194,045; Mar. 19.
Kyle, Samuel C. (See Jesson, J. A., and Kyle.)
Kyler, Herman C., assignor of one-half to C. A. Reis, Mogg, Ky. Liquid dripping apparatus. 2,185,444; Jan. 2.
Kyner, Robert R., Dallas, assignor, by mesne assignments, to T. E. Bryan, Fort Worth, Tex. Well flowing apparatus and method. 2,208,036; July 16.
Kyner, Robert R., Dallas, assignor, by mesne assignments, to T. E. Bryan, Fort Worth, Tex. Gas lift apparatus. 2,210,247; Aug. 6.
Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Alkyl phenols and manufacturing the same. 2,189,805; Feb. 13.
Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Esters of phosphorous acids. 2,193,252; Mar. 12.
Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Safety glass. 2,205,420; June 25.
Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Quinaldine dye intermediates and quinophthalone dyes thereof. 2,211,662; Aug. 13.
Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Detergent composition and manufacturing same. 2,218,472; Oct. 15.
Kyrides, Lucas P., St. Louis, Mo., assignor, by mesne assignments, to Monsanto Chemical Company. Benzoyl benzoic acid esters. 2,213,783; Sept. 3.
Kysor, Karl D., Northville, Mich. Torque release device for four-wheel drives. 2,185,636; Jan. 2.
Kysor, Karl D., Northville, Mich. Four wheel drive transmission. 2,223,522; Dec. 3.

Kysor, Walter A., Cadillac, Mich. Car heater. 2,185,855; Jan. 2.
L. A. B. Corporation. (See Habig, W. E., and Lum, assignors.)
L. G. S. Devices Corporation. (See Krick, A. E., and Starkey, assignors.)
L. G. S. Spring Clutches, Incorporated. (See Starkey, William C., assignor.)
L. N. S. Corporation. (See Johnsen, Bjornulf, assignor.)
L. S. D. Inc. (See Yochem, Donald E., assignor.)
L. V. B. Compressors Limited. (See Laythorpe, Frank A., assignor.)
Laabs, Eric H., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. System of control for printing presses and other machinery. 2,186,113; Jan. 9.
Laatsch, Rudolph C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of cracked residuum. 2,218,649; Oct. 22.
Lab, Roy F. (See Bradford, W. D., and Lab.)
La Bille, Joseph A., Chicago, Ill. Amusement device. 2,212,781; Aug. 27.
Labin, Emile. (See Rabuteau, G., and Labin.)
Labin, Emile, Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Electron discharge device. 2,203,334; June 4.
La Bombard, Leon E., Nashua, N. H., assignor to Oswego Falls Corporation, Fulton, N. Y. Transfer machine. 2,190,948; Feb. 20.
La Bombard, Leon E., assignor to The International Paper Box Machine Company, Nashua, N. H. Machine for adhesively applying and securing covering material to articles. 2,202,496; May 28.
La Bour, Harry E., Elkhart, Ind. Air cushioned gland. 2,192,395; Mar. 5.
La Bour, Harry E., Elkhart, Ind. Gland. 2,226,001; Dec. 24.
La Breck, Frank A., Eau Claire, Wis. Obstetrical delivery forceps. 2,219,424; Oct. 29.
La Brie, Ludger E., Detroit, Mich., assignor to Bendix Brake Company, South Bend, Ind. Brake. Re. 21,380; Mar. 5.
La Brie, Ludger E., Detroit, Mich., assignor to Bendix Brake Company, South Bend, Ind. Master cylinder for brakes. 2,207,127; July 9.
La Brie, Ludger E., Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,222,848; Nov. 26.
La Brie, Ludger E., assignor to Bendix Products Corporation, South Bend, Ind. Master cylinder for hydraulic brakes. 2,192,012; Feb. 27.
La Brie, Ludger E., assignor to Bendix Products Corporation, South Bend, Ind. Hydraulic brake cylinder. 2,196,995; Apr. 16.
La Brie, Ludger E., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,207,126; July 9.
Labuda, Paul, New York, N. Y. Wire frame for lamp shades. 2,206,508; July 2.
La Casse, Hector J., Missoula, Mont. Differential. 2,191,763; Feb. 27.
La Casse, William J., assignor to The Coolerator Company, Duluth, Minn. Refrigerator. 2,222,670; Nov. 26.
Lacey, Harold, Haledon, assignor to Morrison Machine Company, Paterson, N. J. Tentering machine. 2,205,749; June 25.
Lach, Frederick, East Orange, N. J. Apparatus for finishing buttons. 2,224,545; Dec. 10.
Lachance, Modeste J. (See Stimpson, W. F., and Lachance.)
Lachance, Modeste J., assignor to W. F. Stimpson, Louisville, Ky. Weighing scale. 2,195,031; Mar. 26.
La Chapelle, Euclid I., Brockton, Mass. Preparing prewelt shoe uppers. 2,186,141; Jan. 9.
La Chapelle, Euclid I., Brockton, Mass. Shoe jack. 2,191,079; Feb. 20.
La Chapelle, Euclid I., Brockton, Mass. Pulling over boots and shoes. 2,195,090; Mar. 26.
La Chapelle, Euclid I., Brockton, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Clicking machine. 2,187,162; Jan. 16.
La Chapelle, Euclid I., Brockton, Mass., assignor to United Shoes Machinery Corporation, Borough of Flemington, N. J. Method and machine for treating shoe uppers. 2,193,197; Mar. 12.
La Chapelle, Fred N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Fastening inserting machine. 2,188,978; Feb. 6.
La Chapelle, Fred N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Fastening-inserting machine. 2,207,742; July 16.
La Chapelle, Fred N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Lasting machine. 2,214,741; Sept. 17.
Lachapelle, Rolland, Hull, Quebec, Canada. Floor waxer. 2,211,275; Aug. 13.
Lacharité, Joseph R. (See Jutras, H. G. J., and Lacharité.)
Lacharité, Maurice, and L. M. Sauvé, Ville La Salle, Quebec, Canada. Device for multiplying the rotation of a shaft. 2,212,321; Aug. 20.
Lachman, Charles, assignor to S. & W. Fine Foods, Inc., San Francisco, Calif. Fruit pitting machinery. 2,196,772; Apr. 9.
Lachman, Charles, assignor to S & W Fine Foods, Inc., San Francisco, Calif. Preparation of glacé fruit. 2,209,889; July 30.
Lachwitz, Alfred, Flushing, N. Y. Hinge. 2,209,125; July 23.
Lack, Frederick R., Brooklyn, G. W. Willard, Jackson Heights, N. Y., and I. E. Fair, Rutherford, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric apparatus. 2,218,200; Oct. 15.
Lack, Sydney W., Waverley, near Sydney, near South Wales, Australia. Centrifugal machine for separating gold and mineral particles from metallurgical puups. 2,193,730; Mar. 12.
Lackey, Hyland A., Mission City, British Columbia, Canada. Valve reseater. 2,197,309; Apr. 16.
Lackey, James, Ovalo, Tex. Beater or thrashing cylinder for harvesters. 2,227,225; Dec. 31.
Lackey, James A., Belleville, assignor to Tung-Sol Lamp Works Inc., Newark, N. J. Apparatus for making grids. 2,188,906; Feb. 6.
Lackow, Emil, and M. Prozan, Brooklyn, N. Y. Filter grip for cigarette holders. 2,185,598; Jan. 2.
Laclede Steel Company. (See Young, L., and Boyle, assignors.)
Lacroix, George U., Waltham, Mass. Manifold transfer device. 2,185,815; Jan. 2.
Lacroix, George U., Waltham, Mass. Fold pack. 2,189,608; Feb. 6.
Lacroix, George U., Waltham, Mass. Manifolding book. 2,196,465; Apr. 9.
Lacson, George L., Mendota, Calif. Asparagus harvester. 2,224,790; Dec. 10.
Lacy, James E. (See Davis, M., Lacy, and Andrews.)
Lacy Products Corp. (See Carathers, Floyd M., assignor.)
Lacy, Roy. (See Palmer, George V., assignor.)
Ladd, Elbert C., Highland Park, and N. J. Rakas, Royal Oak, assignors to Chrysler Corporation, Highland Park, Mich. Hydrogen fluoride treatment of rubber. 2,215,704; Sept. 24.
Ladd, George D. (See Caldwell, Albert E., assignor.)
Ladd, George D. (See Ladd, Lester L., assignor.)
Ladd, George D. (See Petersen, Frank C., assignor.)
Ladd, Lester L., Lockport, Ill. Cigarette holder and dispenser. 2,199,242; Apr. 30.
Ladd, Lester L., assignor to G. D. Ladd, Lockport, Ill. Strain relief for electrical connectors. 2,195,113; Mar. 26.
Ladd, Ralph. (See Marsh, James, assignor.)
Ladd, Ralph, Kelso, Wash. Pulling device. 2,191,021; Feb. 20.
Laddon, Isaac M. (See Fleet, R. H., Wheatley, and Laddon.)
Laddon, Isaac M., W. A. Ring, and H. I. Mandolf, San Diego, Calif., assignors to Consolidated Aircraft Corporation. Retractable alighting gear. 2,187,040; Jan. 16.
Lade, Archibald C., Easthampton, assignor to B. F. Perkins & Son, Inc., Holyoke, Mass. Calender roll. 2,186,679; Jan. 9.
Lade, Frederick L., Vancouver, British Columbia, Canada. Safety switch. 2,206,324; July 2.
La Deau, James, New York, N. Y. Grounding safety switch and alarm for electrical apparatus. 2,207,202; July 9.
La-Del Conveyor & Manufacturing Co. (See Troller, Theodor H., assignor.)
La Delfa, Philip A., Perry, N. Y. Combined radiator protector and emergency tank. 2,187,976; Jan. 23.
Laderer, Hugo, Stuttgart-Bad Cannstatt, Germany. Filter. 2,188,643; Jan. 30.
Ladner, Alan W. (See Wells, N., and Ladner.)
Ladon, Aaron A., Evanston, Ill. Metal molding means. 2,198,287; Apr. 23.
Ladon, Aaron A., Evanston, Ill., and F. V. Osborn, Muncie, Ind., assignors to Masonite Corporation, Chicago, Ill. Molding support means. 2,201,341; May 21.
Ladrach, Aaron G., Akron, Ohio. Time or speed controlled delayed action relay for strip material classifiers. 2,217,342; Oct. 8.
La Due, Jay H., Sioux City, Iowa. Roller packer for concrete tile. 2,193,286; Mar. 12.
La Due, John B., and J. A. Saffir, Chicago, Ill. Artificial tooth. 2,195,370; Mar. 26.
Ladue, Ralph E., Bronxville, N. Y., assignor to Mardel Corporation, Wilmington, Del. Sewing machine. 2,223,626; Dec. 3.
La Due, Russell M., Sioux City, Iowa. Inverted bell packer for concrete pipe. 2,204,020; June 11.
Ladwig, Alfred, Dusseldorf-Benrath, Germany, assignor by mesne assignments to Philadelphia Quartz Company, Philadelphia, Pa. Plaster mortar. 2,186,532; Jan. 9.
Laemmlin, August, St. Gall, Switzerland. Leaf rake. 2,207,488; July 9.
Laessker, Fritz, assignor to Zahnradfabrik Friedrichshafen Aktiengesellschaft, Friedrichshafen-on-the-Bodensee, Germany. Dividing apparatus for toothed wheels or like grinding machines. 2,187,544; Jan. 16.
La Fata, Antonio, Merced, Calif. Grafting device. 2,219,654; Oct. 29.
La Fave, William O'B., assignor of one-fourth to S. Kalinski, Glasgow, Mont. Suction blower header for combined reaper threshers. 2,214,533; Sept. 10.

La Femina, Alphonse J., Brooklyn, N. Y. Iron holder. 2,210,626; Aug. 6.
La Ferney, Delbert, Little Rock, Ark., assignor to L. K. Maulsby, San Antonio, Tex. Nut-cracking machine. 2,226,475; Dec. 24.
Lafeuille, Fernand, Paris, France. Rotary crystallizer-cooker. 2,202,696; May 28.
Lafever, George, Kelso, Wash. Stovepipe fastener. 2,207,154; July 9.
Lafferty, Robert C., New York, N. Y. Building and building construction. 2,222,037; Nov. 19.
Lafitte, St. George, Summit, assignor to Federal Telegraph Company, Newark, N. J. Display sign control mechanism. 2,189,911; Feb. 13.
Laflamme, Rene, Hull, Quebec, Canada. Cardboard container. 2,213,525; Sept. 3.
Lafleur, Joseph L., Rockford, Ill. Fire alarm. 2,198,410; Apr. 23.
Laforest, Jean, Colombes, France. Ball fountain pen. 2,208,588; July 23.
La Forest, Louis Z., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,203,096; June 4.
LaForest, Louis Z., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. Y. Phonograph record resurfacing machine. 2,209,836; July 30.
La Forest, Louis Z., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,218,542; Oct. 22.
La France, David J., Arlington, Mass. Fountain pen. 2,188,662; Jan. 30.
La France, Joseph A., and D. D. Symmes, West Haven, Conn., assignors to The American Steel and Wire Company of New Jersey. Stranding or rope laying machine and its control. 2,208,306; July 16.
Lagaard, Alexander S. T. (See Caswell, F. C., and Lagaard.)
Lagaard, Alexander S. T., Minneapolis, Minn. Method of and device for installing wallboard. 2,197,749; Apr. 16.
Lagaard, Alexander S. T., Minneapolis, Minn. Wallboard fastener. 2,197,750; Apr. 16.
Lagaard, Alexander S. T., Minneapolis, Ind. Doughnut machine. 2,207,590; July 9.
Lagaard, Alexander S. T., Minneapolis, Minn. Doughnut machine. 2,208,875; July 23.
Lagaard, Alexander S. T., assignor to Dough-King, Inc., Minneapolis, Minn. Doughnut machine. 2,199,854; May 7.
Lagaard, Alexander S. T., assignor to Dough-King, Inc., Minneapolis, Minn. Doughnut machine. 2,199,855; May 7.
Lagaard, Alexander S. T., assignor to Dough-King, Inc., Minneapolis, Minn. Doughnut machine. 2,207,546; July 9.
Lagaard, Alexander S. T., assignor to Dough-King, Inc., Minneapolis, Minn. Doughnut machine. 2,207,591; July 9.
Lagaard, Alexander S. T., assignor to Dough-King, Inc., Minneapolis, Minn. Doughnut machine. 2,208,876; July 23.
La Ganke, Hugo C., East Cleveland, Ohio. Venetian blind and a securing device for the cord thereof. 2,207,516; July 9.
La Ganke, Hugo C., East Cleveland, Ohio. Venetian blind and bracket therefor. 2,207,517; July 9.
Lagelbauer, Ernest. (See Mohr, J., and Lagelbauer.)
Lager, David O., Helena, Mont. Incubator. 2,203,335; June 4.
Lager, Eric W., assignor to Industrial Patents Corporation, Chicago, Ill. Refrigeration unit. 2,202,954; June 4.
Lagerquist, Carl S., Hopkins, and F. W. Lagerquist, Wayzata, Minn. Elevator. 2,214,588; Sept. 10.
Lagerquist, Frank W. (See Lagerquist, Carl S. and F. W.)
Lagorio, Angelo, et al. (See Darling, Louis H., assignor.)
Lagorio, Romildo, et al. (See Darling, Louis H., assignor.)
La Grande, Frank, Coytesville, N. J., assignor to Paramount Pictures, Inc., New York, N. Y. Film treating apparatus. 2,224,367; Dec. 10.
La Grotta, Frank, assignor to Conver Steel & Wire Co. Inc., New York, N. Y. Form tie. 2,205,662; June 25.
Laguzzi, Mario, Aurora, Ill. Impeller. 2,206,258; July 2.
Laher Spring & Tire Corp. (See Marco, Fred W., assignor.)
Lahey, Frank T., Monroe, N. Y. Making carpeting. 2,202,663; May 28.
Lahiere, Eugene A., Princeton, N. J., and T. Gillmet, Faust, N. Y. Window holder. 2,202,561; May 28.
La Hiff, John A., assignor to The Vibroplex Co., Inc., New York, N. Y. Telegraph sending machine. 2,187,351; Jan. 16.
La Hodny, William, Buffalo, N. Y. Mirror. 2,202,697; May 28.
La Hodny, William, and P. Bertell, assignors to Standard Mirror Company, Inc., Buffalo, N. Y. Mirror. 2,194,758; Mar. 26.
Lahousse, Joseph. (See Poizat, L., and Lahousse.)
Lahr, Nicholas F., St. Joseph, Mich., assignor to Cooper, Wells & Company. Yarn supply. 2,220,529; Nov. 5.
Laible, Albert F. (See Lammers, P. J., and Laible.)
Laico, Joseph P., Brooklyn, assignor to Belle Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,227,093; Dec. 31.
Laidley, Robert E., St. Louis, Mo. Humidifying device. 2,219,959; Oct. 29.
Laing, Gordon F., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner control system. 2,193,516; Mar. 12.
Laing, Gordon F., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermocouple apparatus. 2,225,700; Dec. 24.
L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude. (See Bonnaud, Henri, assignor.)
L'Air Liquide Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude. (See Kühni, Hans, assignor.)
Laird, Robert B. (See Andersen, Norman D., assignor.)
Laise, Clemens A., Tenafly, N. J., deceased; Fidelity Union Trust Company and R. Sievert, executors. Refractory metal composition. 2,202,108; May 28.
Laise, Clemens A., deceased, Tenafly, N. J., Fidelity Union Trust Company, executor. Incandescent lamp and manufacture thereof. 2,214,742; Sept. 17.
Laisne, Léon E., Levallois Perret, France, assignor to Bendix Aviation Corporation, Chicago, Ill. Independent wheel suspension. 2,201,438; May 21.
Lait, James R., and M. Pirani, Wembley, England, assignors to General Electric Company. Electric lamp and similar device. 2,211,602; Aug. 13.
Lakatos, Emory. (See Hickman, C. N., and Lakatos.)
Lake, Bruno J., Oak Park, Ill. Earth retainer. 2,193,425; Mar. 12.
Lake and Elliott Limited. (See Barrett, H. R., and Brookes, assignors.)
Lake, Golladay, Grenada, Miss. Minnow bucket. 2,216,202; Oct. 1.
Lake, Harold M., Gettysburg, S. Dak. Fly swatter. 2,206,480; July 2.
Lake, Ross A., Oak Park, assignor to Teletype Corporation, Chicago, Ill. Keyboard perforator transmitter. 2,190,291; Feb. 13.
Lake, Ross A., Oak Park, assignor to Teletype Corporation, Chicago, Ill. Keyboard perforater transmitter. 2,208,037; July 16.
Lake Shore Mines, Limited. (See Cramp, David L., assignor.)
Lakeland Foundation. (See Gruskin, Benjamin, assignor.)
Lakeside Steel Improvement Company, The. (See Derhammer, Claude W., assignor.)
Lakin, John W., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Telltale device for an electrical coincidental door locking system. 2,186,546; Jan. 9.
Lakritz, Joseph H., Cleveland Heights, Ohio. Diaper. 2,224,518; Dec. 10.
Lakso, Eino E., Fitchburg, Mass., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Machine and method of making bags. 2,206,965; July 9.
Lalande, Marc A., and R. A. Redard, Paris, France, assignors to International Standard Electric Corporation, New York, N. Y. Carrier wave modulating system and apparatus. 2,212,240; Aug. 20.
Lalande, Marc A., and P. F. M. Gloess, Paris, France, assignors to International Standard Electric Corporation, New York, N. Y. Transmission device. 2,226,728; Dec. 31.
La Lande, William A., Jr., Upper Darby, assignor to Porocel Corporation, Philadelphia, Pa. Refining saccharine liquids. 2,211,727; Aug. 13.
Laliberte, Albert J., Naugatuck, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Treatment of rubber. 2,199,002; Apr. 30.
La Liberte, Elie J., Worcester, Mass. Registering tourniquet applicable for the determination of blood pressure. 2,199,408; May 7.
Lallement, Lawrence A., Wichita, Kans. Bottle washer and sterilizer. 2,189,586; Feb. 6.
Lallement, Lawrence A., Wichita, Kans. Bottle carrier. 2,189,587; Feb. 6.
Lalli, Eugene, Lebanon, N. J., and O. Castagnola, Brooklyn, N. Y. Shoe and making same. 2,201,439; May 21.
Lallier, Clement, et al. (See Leblanc, Henri, assignor.)
Lallier, Elphege, et al. (See Leblanc, Henri, assignor.)
Lallier, Frank A., Brownsville, Tex. Hook for cargo slings. 2,201,904; May 21.
Lally, William J., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Core for forming concrete conduits. 2,206,410; July 2.
La Mar, Frank C. (See Dodge, Lyman E., assignor.)
La Mar, Frank C., New York, N. Y. Plug fuse. 2,199,835; May 7.
La Mar, Frank C., New York, N. Y. Fuse integrity indicator. 2,225,912; Dec. 24.
Lamar, Harry H., Wilkinsburg, Pa. Valve structure. 2,217,842; Oct. 15.
Lamar, William P., Atlanta, Ga. Stand. 2,186,300; Jan. 9.
Lamar, William P., Atlanta, Ga. Bookstand. 2,218,429; Oct. 15.
Lamarche, Napoleon, Lowell, Mass. Loom shuttle retainer or check. 2,211,276; Aug. 13.

La Marsh, Charles W., assignor of one-third to H. W. Patton, Alton, and one-third to H. A. Patton, Grafton, Ill. Spring jack. 2,194,981; Mar. 26.
Lamatsch, Frederick, Grantwood, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y. Inking mechanism. 2,219,231; Oct. 22.
La May, Wallace E., and G. W. Chance, Minneapolis, Minn. Fastening for fountain pen caps. 2,192,644; Mar. 5.
Lamb, Albert L. (See Briggs, O. B., and Lamb.)
Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Relay contact. 2,193,731; Mar. 12.
Lamb, Charles, et al. (See Dyer, Zeb A., assignor.)
Lamb, George E., Hoquiam, Wash. Continuous layboy. 2,205,767; June 25.
Lamb, George G. (See Evering, B. L., and Lamb.)
Lamb, George W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Cutting die. 2,214,743; Sept. 17.
Lamb, Homer M., assignor of one-half to O. L. Callahan, West Frankfort, Ill. Rail clamp. 2,212,293; Aug. 20.
Lamb, Ollo. (See Gundelfinger, W. E., and Lamb.)
Lamb, Ollo O., St. Louis, Mo. Iron stand. 2,203,962; June 11.
Lamb, Roy A. (See Crickmer, C. S., and Lamb.)
Lambach, Fritz. (See Klumpp, F., and Lambach.)
Lambach, Fritz, Fairview, assignor to Robert Reiner, Inc., Weehawken, N. J. Tension-regulating device for the draw-off mechanism of full-fashioned knitting machines. 2,185,963; Jan 2.
Lambach, Fritz, Fairview, assignor to Robert Reiner, Inc., Weehawken, N. J. Heel knitting machine. 2,198,052; Apr. 23.
Lambers, Bernard. (See Harriss, L. J., and Lambers.)
Lambert, Albert L., Narbeth, Pa., assignor to Heintz Manufacturing Company. Quick acting door. 2,209,060; July 23.
Lambert, Charles W., Detroit, Mich. Toy. 2,185,509; Jan. 2.
Lambert, Donald R., Carshalton, England. Temperature-actuated mechanism. 2,190,545; Feb. 13.
Lambert, Francis M. (See Metzgar, C. L., and Lambert.)
Lambert, Francis M., Narberth, Pa., assignor to Heintz Manufacturing Company. Corrosion resisting built-up closure and making same. 2,197,150; Apr. 16.
Lambert, Georges, Lyon, France. Device for the simultaneous sterilization of a nursing bottle and its nipple. 2,204,683; June 18.
Lambert, Homer T., St. Joseph, Mich. Brake mechanism 2,225,562; Dec. 17.
Lambert, Homer T., St. Joseph, Mich. Brake unit. 2,225,563; Dec. 17.
Lambert, Howard J., Los Angeles, Calif. Orchard heater. 2,210,419; Aug. 6.
Lambert, John W., Anderson, Ind., assignor to The American Fork and Hoe Company, Cleveland, Ohio. Lawn broom. 2,193,070; Mar. 12.
Lambert, Joseph P., Wapato, Wash. Tire spreader. 2,223,915; Dec. 3.
Lambert, Louis F. (See Stoller, Benjamin B., assignor.)
Lambert, Pierre L. J. B., assignor to the Society: Compagnie Franco-Americaine des Jantes en Bois, Paris, France. Steering wheel. 2,198,731; Apr. 30.
Lambert, Robert D. (See Komroff, P., Lambert, and Terry, assignors.)
Lambert, Robert D., New York, P. Komroff, and M. C. Terry, New Rochelle, N. Y., assignors, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. 2,214,467; Sept. 10.
Lambert, Walter E., Knoxville, assignor to McMurray Structural Steel Company, Inc., Nashville, Tenn. Conveying equipment. 2,187,657; Jan. 16.
Lambert, Walter E., Knoxville, assignor to McMurray Structural Steel Company, Inc., Nashville, Tenn. Conveying rig. 2,210,323; Aug. 6.
Lamberth, George F., assignor of one-third to R. A. Bonham and one-third to W. E. Fahner, Houston, Tex. Snatch block. 2,197,698; Apr. 16.
Lamberton, Ralph E., Michigan City, Ind., assignor to Sullivan Machinery Company. Compressor. 2,213,257; Sept. 3.
Lamberton, Ralph E., Michigan City, Ind., assignor to Sullivan Machinery Company. Compressor. 2,213,258; Sept. 3.
Lamberts, Clamor A. (See Bergmans, J., Lamberts, and van Werd.)
Lambros, George N. (See Bryan, Thomas J., assignor.)
Lamerand, Benjamin A. (See Hickman, J. G., and Lamerand.)
La Mere, Robert, Balsam Lake, Wis. Ice breaker. 2,211,277; Aug. 13.
Lameyer, Hans R. (See Jakoby, P., and Lameyer.)
Laminated Shim Co. (See Nisbet, Edward B., assignor.)
Laminated Shim Co. (See Young, Earle L., assignor.)
Lamkelma, Herman P. (See Musselman, J. M., and Lamkelma, assignors.)
Lamkin, Elver B., Chicago, Ill. Grip for golf clubs and the like. 2,195,626; Apr. 2.
Lamkin, Elver B., Chicago, Ill. Grip for golf clubs or the like. 2,200,626; May 14.
Lamkin, Elver B., Chicago, Ill. Grip for handles. 2,207,062; July 9.
Lamm, Uno, Ludvika, assignor to Allmänna Svenska, Elektriska Aktiebolaget, Vasteras, Sweden. High vacuum vapor jet pump. 2,193,135; Mar. 12.
Lamm, Uno, and A. Karsberg, Ludvika, assignors to Allämnna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Forced commutation of current rectifiers or converters. 2,204,805; June 18.
Lamm, William R., San Antonio, Tex. Electric candle lighter. 2,205,856; June 25.
Lamme, Maurice A., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Treating jointed electroplated articles. 2,207,808; July 16.
Lammers, Peter J., and A. F. Laible, Oakland, Calif. Refrigeration. 2,187,041; Jan. 16.
Lammersen, Walter R. (See Chaney, A. L., and Lammersen.)
Lamond, John, assignor to Pittsburgh Pipe & Coupling Company, Allison Park, Pa. Gauge tool. 2,200,181; May 7.
Lamond, Robert C., assignor to American Engineering Company, Philadelphia, Pa. Hydraulic control mechanism. 2,203,097; June 4.
La Mont Corporation. (See Vorkauf, Heinrich, assignor.)
Lamont, John A., assignor to American Steel Foundries, Chicago, Ill. Snubber. 2,205,098; June 18.
La Mont, W. D., Inc. (See La Mont, Walter D., assignor.)
La Mont, Walter D., New York, N. Y., assignor to W. D. La Mont, Inc., Wilmington, Del. Hydroelectric steam power generating station including plural prime movers and operating said station and said prime movers. 2,201,615; May 21.
La Mont, Walter D., North Colebrook, Conn., assignor to W. D. La Mont, Inc., Wilmington, Del. High speed steam generators, especially supercharged steam generators burning fluid fuels. 2,201,616; May 21.
La Mont, Walter D., New York, N. Y., assignor to W. D. La Mont Inc., Wilmington, Del. Steam generating apparatus. 2,201,617; May 21.
La Mont, Walter D., North Colebrook, Conn., assignor to W. D. La Mont Inc., Wilmington, Del. Steam generator. 2,201,618; May 21.
La Mont, Walter D., North Colebrook, Conn., assignor to W. D. La Mont Inc., Wilmington, Del. Steam generator. 2,201,619; May 21.
La Mont, Walter D., North Colebrook, Conn., assignor to W. D. La Mont Inc., Wilmington, Del. High speed steam producing apparatus. 2,201,620; May 21.
La Mont, Walter D., North Colebrook, Conn., assignor to W. D. La Mont, Inc., Wilmington, Del. Steam boiler and power plant regulation. 2,201,621; May 21.
La Mont, Walter D., North Colebrook, Conn., assignor to W. D. La Mont, Inc., Wilmington, Del. Power apparatus. 2,201,622; May 21.
La Mont, Walter D., North Colebrook, Conn., assignor to W. D. La Mont, Inc., Wilmington, Del. Process for producing steam. 2,201,623; May 21.
La Mont, Walter D., North Colebrook, Conn., assignor to W. D. La Mont Inc., Wilmington, Del. Steam producing process. 2,201,624; May 21.
La Mont, Walter D., North Colebrook, Conn., assignor to W. D. Mont, Inc., Wilmington, Del. Fluid heating process as applied to vapor generation. 2,201,625; May 21.
La Mont, Walter D., North Colebrook, Conn., assignor to W. D. La Mont Inc., Wilmington, Del. Steam generating apparatus. 2,201,626; May 21.
La Mont, Walter D., North Colebrook, Conn., assignor to W. D. La Mont Inc., Wilmington, Del. Combustion process as applied to vapor generation. 2,201,627; May 21.
La Monte, George, & Son. (See Simons, Francis L., assignor.)
La More, Harold C., assignor to The Irwin Seating Company, Grand Rapids, Mich. Upholstered seat back structure. 2,186,301; Jan. 9.
Lamoreaux, Andrew B., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Banding press. 2,225,345; Dec. 17.
Lamoree, James K. (See Hershey, J. R., and Lamoree.)
Lamp, Charles J., San Francisco, Calif. Apparatus for aid in teaching piano. 2,193,335; Mar. 12.
Lampe, James G., Oakmont, and R. J. King, assignors, by mesne assignments, to E. L. Wiegand, Pittsburgh, Pa. Electric resistance heating element and making the same. 2,219,523; Oct. 29.
Lampe, John H., Pocahontas, Iowa. Equipment for use with casket-lowering devices. 2,218,286; Oct. 15.
Lampe, Joseph C., assignor of one-half to W. F. Pierick, Palmer, Iowa. Device for installing and removing electric light bulbs. 2,196,635; Apr. 9.
Lampert, Ulrich. (See Kränzlein, G., and Lampert.)
Lampkin, Elbert H., assignor of one-fourth to G. H. Dickinson, one-fourth to W. Dickinson and one-fourth to J. T. Forster, Tulsa, Okla. Rod coupling. 2,204,103; June 11.
Lamprey, Headlee. (See Whaley, F. R., and Lamprey.)
Lampton, Glen T., assignor to Aviation Manufacturing Corporation, Williamsport, Pa. Making propeller blades. 2,221,548; Nov. 12.
Lamson Company, The. (See Caesar, John, assignor.)
Lamson Company, The. (See Cutting, Clark T., assignor.)

Lamson Company, The. (See Haven, Franklin K., assignor.)
Lamson Company, The. (See Regan, John E., assignor.)
Lamson Company, The. (See Woodberry, Edward H., assignor.)
Lamson & Sessions Company, The. (See Frayer, L. A., and Salter, assignors.)
Lan, Rafael, New York, N. Y., assignor to Advertising Change Tray, Inc. Advertising change tray. 2,212,944; Aug. 27.
La Nationale S. A. Chemin des Falaises. (See Bolle, Léon, assignor.)
Lancaster Iron Works, Inc. (See Renkin, William O., assignor.)
Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for filling heel seats of shoes. 2,211,065; Aug. 13.
Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Fastening-inverting machine. 2,214,835; Sept. 17.
Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Fastening-inserting machine. 2,216,119; Oct. 1.
Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shaping uppers over lasts. 2,222,212; Nov. 19.
Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Relasting machine. 2,226,774; Dec. 31.
Lancaster Processes Inc. (See Robinson, Thomas, assignor.)
Lancaster, William, Alexandria, Va., assignor to Hubbard and Company, Pittsburgh, Pa. Neutral wire bracket. 2,224,436; Dec. 10.
Lance, David. (See Goodman, M., and Lance.)
Lances, Leo, New York, N. Y. Shoulder strap. 2,217,517; Oct. 8.
Land, Edwin H., Wellesley Farms, Mass., assignor, by mesne assignments, to Polaroid Corporation, Dover, Del. Display device employing polarized light. 2,200,959; May 14.
Land, Edwin H., Boston, Mass., assignor to Polaroid Corporation, Dover, Del. Forming designs in polarizing material. 2,204,604; June 18.
Land, Edwin H., Boston, Mass., assignor, by mesne assignments, to Polaroid Corporation, Dover, Del. Field divider. 2,212,880; Aug. 27.
Land, Edwin H., Boston, Mass., and J. Mahler, Nemecky Brod, Czechoslovakia, assignors, by mesne assignments, to Polaroid Corporation, Dover, Del. Apparatus employing polarized light for the production of stereoscopic images. 2,203,687; June 11.
Landahl, Eugene E., Detroit, Mich. Trolley conveyer. 2,187,498; Jan. 16.
Landahl, Eugene E., assignor to Palmer-Bee Company, Detroit, Mich. Overload release mechanism. 2,202,497; May 28.
Landau, Abraham, Washington, D. C. Plastering gauge. 2,199,318; Apr. 30.
Landau, Max, Berlin-Wilmersdorf, Germany. Producing oils free of asphalt. 2,198,388; Apr. 23.
Landberg, George, Bronx, N. Y. Combined mounting and closure for handbag purses or similar articles. 2,223,627; Dec. 3.
Landerholm, Axel E., New York, N. Y. Electrostatic machine. 2,208,217; July 16.
Landers, Maurice B. (See Norrman, E., and Landers.)
Landfield, David. (See Moreau, M. E., and Landfield.)
Landgraf, Myron J., assignor to H. J. Goldblatt, Chicago, Ill. Electric vibrator. 2,212,102; Aug. 20.
Landis, Arthur, Plainfield, N. J., assignor to The Celotex Corporation, Chicago, Ill. Roller feed. 2,223,628; Dec. 3.
Landis, Bess S. (See Landis, Hugh G., assignor.)
Landis, Daniel O. (See Kellogg, E. W., and Landis.)
Landis, George G., and L. K. Stringham, University Heights, assignors to The Lincoln Electric Company, Cleveland, Ohio. Arc welding apparatus. 2,206,037; July 2.
Landis & Gyr, A-G. (See Huber, Ernst, assignor.)
Landis & Gyr, A-G. (See Koenig, Werner, assignor.)
Landis & Gyr, A-G. (See Mettler, Josef, assignor.)
Landis & Gyr. A.-G. (See Pudelko, Riccard, assignor.)
Landis & Gyr A. G. (See Pudelko, R., and Mettler, assignors.)
Landis & Gyr, A-G. (See Whitby, E., and Golds, assignors.)
Landis & Gyr., A. G. (See Wiedemeier, Alfred, assignor.)
Landis, Harry A., Red Lion, Pa. Button sewing machine. 2,191,129; Feb. 20.
Landis, Hugh G., Los Angeles, Calif., assignor to B. S. Landis. Gas heating apparatus. 2,214,503; Sept. 10.
Landis Machine Company. (See Dunford, Ernest, assignor.)
Landis Machine Company. (See Letner, Donald W., assignor.)
Landis Machine Company. (See Mathias, Samuel W., assignor.)
Landis, Richard P., Grass Valley, assignor to Landis Transfusion Equipment Co., Sacramento, Calif. Blood transfusion syringe. 2,213,866; Sept. 3.
Landis, Roy H., Briarcliff Manor, assignor to American Cyanamid Company, New York, N. Y. Photographic toning with ferricyanides. 2,206,572; July 2.
Landis Tool Company. (See Balsiger, Harold E., assignor.)
Landis Tool Company, The. (See Balsiger, H. E., and Ott, assignors.)
Landis Tool Company. (See Balsiger, H. E., and Price, assignors.)
Landis Tool Company. (See Greiner, F., Ott, and Price, assignors.)
Landis Tool Company. (See Klingele, Herman F., assignor.)
Landis Tool Company. (See Ott, C. L., and Price, assignors.)
Landis Transfusion Equipment Co. (See Landis, Richard P., assignor.)
Landmann, Alexander, Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Variable reactive coupling device. 2,200,508; May 14.
Land O'Lakes Creameries, Inc. (See Leaf, Carl H., assignor.)
Landolt, Rodolphe, Zurich, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Double-acting engine. 2,212,665; Aug. 27.
Landon, Vernon D. (See Carlson, W. L., and Landon.)
Landon, Vernon D., Haddonfield, N. J., assignor to Radio Corporation of America. High impedance band pass filter. 2,187,805; Jan. 23.
Landon, Vernon D., Haddonfield, N. J., assignor to Radio Corporation of America. Interference reduction system. 2,190,292; Feb. 13.
Landon, Vernon D., Haddonfield, N. J., assignor to Radio Corporation of America. Noise reduction system. 2,197,937; Apr. 23.
Landon, Vernon D., Haddonfield, N. J., assignor to Radio Corporation of America. Noise reduction system. 2,203,465; June 4.
Landon, Vernon D., Haddonfield, N. J., assignor to Radio Corporation of America. Noise reduction system. 2,204,089; June 11.
Landon, Vernon D., Haddonfield, N. J., assignor to Radio Corporation of America. Noise rejecting limiter system. 2,204,090; June 11.
Landon, Vernon D., Haddonfield, and G. L. Grundmann, Westmont, N. J., assignors to Radio Corporation of America. Filter system for multiple channel amplifiers. 2,196,266; Apr. 9.
Landow, Myer S., assignor to The Pfaltzgraff Pottery Co., York, Pa. Toy clay modeler. 2,213,784; Sept. 3.
Landrock, Paul, Rochester, N. Y., assignor to Photostat Corporation, Providence, R. I. Photographic method. 2,225,747; Dec. 24.
Landrock, Paul, and A. W. Caps, Rochester, N. Y., assignors to Photostat Corporation, Providence, R. I. Feeding and severing mechanism for photographic copying machines. 2,191,212; Feb. 20.
Landrock, Paul, and A. W. Caps, Rochester, N. Y., assignors to Photostat Corporation, Providence, R. I. Severing mechanism for photographic copying machines. 2,191,213; Feb. 20.
Landrum, Benson L., Nocona, Tex. Valve. 2,214,250; Sept. 10.
Landrum, Harvey B., Pampa, Tex. Knock-off mechanism. 2,210,172; Aug. 6.
Landrum, Porter, Birmingham, Ala. Aircraft propeller. 2,205,835; June 25.
Landrum, William W., League City, Tex. Cutting tool. 2,225,224; Dec. 17.
Landry, Adolphus H., Skowhegan, assignor of one-half to A. J. Shank, Lewiston, Maine. Automatic feeding device. 2,209,340; July 30.
Landry, Joseph A., Mont Joli, Quebec, Canada. Track laying vehicle. 2,223,490; Dec. 3.
Landsiedel, Harry, Wilton, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Holder for line justifying sheets. 2,190,188; Feb. 13.
Landsiedel, Walter W., Norwood, Ohio, assignor to Remington Rand Inc., Buffalo, N. Y. Computing and listing machine. 2,203,336; June 4.
Landsiedel, Walter W., Norwood, Ohio, assignor to Remington Rand Inc., Buffalo, N. Y. Computing and listing machine. 2,203,533; June 4.
Landsman, Mary S., assignor to The Pufpak Company, Chicago, Ill. Powder puff. 2,204,605; June 18.
Landwehr, Richard F., Laurelton, assignor to Sagamor Metal Goods Corporation. Long Island City, N. Y. Rotary lipstick holder. 2,222,415; Nov. 19.
Lane, A. Earl. (See Hollingshead, Le Grande R., assignor.)
Lane, Abbot A., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Mechanical movement. 2,187,659; Jan. 16.
Lane, Abbot A., Aspinwall, and E. W. Jacobson, Oakmont, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Amphibian vehicle. 2,187,658; Jan. 16.
Lane, Alvin H. (See Chappell, James F., assignor.)
Lane, Asher, Jr., Topeka, Kans. Display sign. 2,205,818; June 25.
Lane Company, The. (See Crocker, Ernest C., assignor.)
Lane, Edward K., Houston, Tex. Wire line pipe cutter. 2,188,409; Jan. 30.

Lane, Fred A., Bloomington, Ind. Internal combustion engine. 2,196,216; Apr. 9.
Lane, George E., Hecla, S. Dak. Finger moistening solution. 2,208,006 July 16.
Lane, George J., assignor to Edgar Brothers Company, Metuchen, N. J. Instrument for measuring light reflectivity. 2,185,690; Jan. 2.
Lane, George S., Schenevus, N. Y. Brake adjustment. 2,196,396; Apr. 9.
Lane, George S., Schenevus, N. Y. Brake adjustment. 2,211,136; Aug. 13.
Lane, George S., Schenevus, N. Y. Brake adjustment. 2,212,322; Aug. 20.
Lane, George S., Schenevus, N. Y. Brake adjustment. 2,214,744; Sept. 17.
Lane, George S., Schenevus, assignor to The H. A. Wilson Company, Newark, N. J. Brake adjustment. 2,207,261; July 9.
Lane, George W., Clifton, assignor to Van Vlaanderen Machine Company, Paterson, N. J. Size-discharge treatment of fabrics. 2,196,869; Apr. 9.
Lane, George W., Canonsburg, and R. Malarkey, Meadowlands, Pa. Pottery making machine. 2,224,653; Dec. 10.
Lane, Gerould T., and W. Butterfield, assignors to Eastman Kodak Company, Rochester, N. Y. Paper making machine. 2,200,002; May 7.
Lane, Harold. (See Keall, F. B., and Lane.)
Lane, Jack, New York, N. Y. Pasteboard printing frame. 2,187,381; Jan. 16.
Lane, John D., Boston, and R. H. Wilbur, Melrose, Mass.; said Lane assignor to said Wilbur. Attaching together paper sheets. 2,192,268; Mar. 5.
Lane, Richard F., South Orange, and R. C. Newhouse, Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radiant energy distance measuring system. 2,206,903; July 9.
Lane, Stanton L., Fuquay Springs, N. C. Thermometer. 2,201,186; May 21.
Lane-Wells Company. (See Barnes, Charles H., assignor.)
Lane-Wells Company. (See Barnes, C. H., and Young, assignors.)
Lane-Wells Company. (See Barnum, Ben, assignor.)
Lane-Wells Company. (See Elliott, Raymond D., assignor.)
Lane-Wells Company. (See Hendrickson, Ralph E., assignor.)
Lane-Wells Company. (See Lohman, Ralph W., assignor.)
Lane-Wells Company. (See Miner, Keith H., assignor.)
Lane-Wells Company. (See Opocensky, Willard J., assignor.)
Lane-Wells Company. (See Raymond, E. F., and Spencer, assignors.)
Lane-Wells Company. (See Spencer, Lloyd, assignor.)
Lane-Wells Company. (See Turechek, George F., assignor.)
Lane-Wells Company. (See Wells, Walter T., assignor.)
Lane, Zaccheus M. (See Fitch, B. F., and Norbom.)
Lang, Albert, Berkeley, Calif. Screen retaining latch. 2,204,761; June 18.
Lang, Albert, Berkeley, Calif. Metallic window screen. 2,207,381; July 9.
Lang, Albert, Berkeley, Calif. Casement window operator. 2,214,280; Sept. 10.
Lang, Albert, Berkeley, Calif. Metallic double hung window. 2,219,593; Oct. 29.
Lang, Albert, Berkeley, Calif. Metallic window and door frame. 2,219,594; Oct. 29.
Lang, Albert, Berkeley, Calif. Forming metallic frame structures. 2,219,595; Oct. 29.
Lang, Boris M., Westport, Conn. System and apparatus for piano instruction. 2,221,143; Nov. 12.
Lang, Carl E., Berkeley, Calif. Washing machine. 2,207,926; July 16.
Lang, Charles A., assignor to Langage, Inc., Minneapolis, Minn. Liquid level gauge. 2,216,035; Sept. 24.
Lang, Charles A., assignor to Langage, Inc., Minneapolis, Minn. Indicating mechanism. 2,216,036; Sept. 24
Lang, Ellen S. (See Gallup, George B., assignor.)
Lang, George W., New York, N. Y. Combined shade support and stop. 2,203,161; June 4.
Lang, Heinrich, A.-G. (See Huber, Fritz, assignor.)
Lang, Henry T., assignor to Electric Vacuum Cleaner Company, Inc., Cleveland, Ohio. Handle for vacuum cleaners and the like. 2,211,603; Aug. 13.
Lang, John, Brooklyn, N. Y. Welt seam presser foot. 2,211,333; Aug. 13.
Lang, John, New York, N. Y. Heel for shoes. 2,213,072; Aug. 27.
Lang, John, New York, N. Y. Smoking pipe. 2,221,590; Nov. 12.
Lang, John P. (See Caldwell, W. T., and Lang.)
Lang, John P., assignor to The George E. Failing Supply Company, Enid, Okla. Gear box for drilling apparatus. 2,189,912; Feb. 13.
Lang, Joseph W., Woodstown, N. J., and C. K. Black, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes. 2,189,806; Feb. 13.
Lang, Karl T., Radebeul, Germany. Sheet feeding device. 2,220,046; Oct. 29.
Lang, Lloyd. (See Swanson, W. H., Lang, and Porter.)
Lang, Louis. (See Schlegel, J. W., and Lang.)
Lang, Murray J., Brooklyn, N. Y. Window blind attachment. 2,225,436; Dec. 17.
Lang, Otto. (See Fischer, E., Lang, and Siebert.)
Lang, Walter T., Metuchen, N. J. Multiplying device. 2,196,996; Apr. 16.
Lang, William, assignor to International Business Machines Corporation, New York, N. Y. Multiplying machine. 2,192,599; Mar. 5.
Lang, William, assignor to International Business Machines Corporation, New York, N. Y. Printing control mechanism. 2,195,865; Apr. 2.
Lang, William, New York, N. Y., and G. B. Heddendorf, New Brunswick, N. J., assignor to International Business Machines Corporation, New York, N. Y. Multiplying machine. 2,192,612; Mar. 5.
Lang, William, New York, N. Y., and G. B. Heddendorf, New Brunswick, N. J., assignors to International Business Machines Corporation, New York, N. Y. Multiplying machine. 2,213,565; Sept. 3.
Lang, William B., West Palm Beach, Fla. Safety casement sash upper lock. 2,221,712; Nov. 12.
Lang, Wilmarth Y., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing equipment. 2,194,705; Mar. 26.
Langage, Inc. (See Lang, Charles A., assignor.)
Langbart, Reginald V., London, assignor of one-half to I. Keizer, Golders Green, London, England. Counting or registering device for use in knitting. 2,210,173; Aug. 6.
Langbein, Gerhard L. (See Greune, H., Thiele, and Langbein.)
Langbein, Harold W., Los Angeles, Calif. Mill. 2,204,140; June 11.
Langbein, Jacob F. (See Whitehead, R. H., and Langbein.)
Langbein-Pfanhauser-Werke Aktiengesellschaft. (See Gürtelmeier, Karl, assignor.)
Langdon, Andrew. (See Wight, S. N., and Langdon.)
Langdon, Fred C., Washington, D. C. Journal box lubricator. 2,185,792; Jan. 2.
Langdon, J. D. (See Delany, John J., assignor.)
Langdon, Jesse D., Los Angeles, Calif. Flush valve unit. Re. 21,323; Jan. 16.
Langdon, Jesse D., La Canada, Calif. Light casing. 2,201,044; May 14.
Langdon, Jesse D., Los Angeles, Calif. Resilient light socket and bracket extension. 2,202,315; May 28.
Langdon, Jesse D., Los Angeles, Calif. Valve and valve member. 2,205,533; June 25.
Langdon, Jesse D., Los Angeles, Calif. Wheel and tire carrier. 2,210,085; Aug. 6.
Langdon, Jesse D., Los Angeles, Calif. Siphon breaker and valve. 2,211,212; Aug. 13.
Langdon, Jesse D., Los Angeles, Calif. Siphonless valve. 2,211,237; Aug. 13.
Langdon, Jesse D., Los Angeles, Calif. Diaphragm and pressure operated valve. 2,212,607; Aug. 27.
Lange, Allert, Madison, Wis. Mold and sterilizer for dental impression compounds. 2,223,629; Dec. 3.
Lange, Arthur E., Chicago, Ill. Signal actuating device. 2,193,136; Mar. 12.
Lange, Edward H., Baltimore, Md. Automobile control mechanism. 2,223,149; Nov. 26.
Lange, Emil H., Lemont, Ill. Fish grapple. 2,196,117; Apr. 2.
Lange, Frank E., Cuyahoga Falls, Ohio. Steering wheel. 2,203,791; June 11.
Lange, Hans. (See Hoffmann, O., and Lange.)
Lange, Hans, Dessau in Anhalt, Germany, assignor to General Aniline & Film Corporation. Tetrahydroquinoline derivative. 2,194,399; Mar. 19.
Lange, Hans, and O. Hoffman, Dessau in Anhalt, Germany, assignor to General Aniline & Film Corporation. Manufacture of 1-methyl-4-chloro-5-hydroxy naphthalene-1′ sulphonic acid. 2,199,568; May 7.
Lange, Hans, and O. Hoffmann, Dessau in Anhalt, Germany, assignors to General Aniline & Film Corporation. Manufacture of 1-methyl-4-hydroxy-5-amino- and 1-methyl-4-amino-5-hydroxy-naphthalene-1-sulphonic acid. 2,213,194; Sept. 3.
Lange, Heinrich. (See Nicodemus, O., Lange, and Kranz.)
Lange, Heinrich, and O. Horn, Frankfort-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Obtaining vinyl methyl ketone. 2,208,296; July 16.
Lange, Heinrich, and O. Horn, Frankfort-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preventing undesired polymerization of vinyl-methyl-ketone. 2,210,838; Aug. 6.
Lange, Herbert R., Chicago, Ill. Reflecting lens unit. 2,213,708; Sept. 3.
Lange, Jurgen P. (See Kauffman, Charles H., assignor.)
Lange, Kurt, Berlin, Germany. Developing device. 2,203,963; June 11.
Lange, Max E., Cleveland Heights, Ohio. Overdrive indicator. 2,187,831; Jan. 23.
Lange, Max E., Cleveland Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,214,820; Sept. 17.
Lange, Max E., and J. J. N. Van Hamersveld, Cleveland Heights, assignors to The Warner & Swasey Company. Machine tool. Re. 21,343; Feb. 6.
Lange, Max E., and J. J. N. Van Hammersveld, Cleveland Heights, assignors to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,225,913; Dec. 24.

Lange, Morris. (See Walter, V. F., and Lange.)
Lange, Morris, assignor to The Superior Funeral Supply Company, Cleveland, Ohio. Curtain support. 2,186,533; Jan. 9.
Lange, Morris, Cleveland Heights, Ohio, assignor to Superior Funeral Supply Corp. Collapsible catafalque. 2,205,295; June 18.
Langecker, Alfons, Stuttgart-Munster, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Expansion device. 2,208,869; July 23.
Langedijk, Siegfried L. (See Coltof, W., and Langedijk.)
Langel, Adrien L., assignor to Chicago Metallic Manufacturing Company, Chicago, Ill. Multiple pan. 2,198,255; Apr. 23.
Langel, Adrien L., assignor to Chicago Metallic Manufacturing Company, Chicago, Ill. Baking pan. 2,217,987; Oct. 15.
Langelier, Wilfred F., Berkeley, Calif. Holder. 2,216,886; Oct. 8.
Langelier, Wilfred F., Berkeley, Calif. Colorimeter. 2,216,976; Oct. 8.
Langenhagen, Emile, Roubaix, France. Device for the automatic partition in varying dimensions, for advancing the reams of paper in paper-cutting machines. 2,198,732; Apr. 30.
Langenkamp, Paul. (See Baier, H., and Langenkamp.)
Langenwalter, Hans W., Berin-Zehlendorf, assignor to the firm of Fernseh Aktiengesellschaft, Zehlendorf, Germany. Electron multiplier. 2,204,503; June 11.
Langenwalter, Hans-Wolfgang, Klein-Machnow, and E. Ruska, Berlin-Zehlendorf, assignors to the firm of Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Secondary emitting tube. 2,225,786; Dec. 24.
Langer, Leo T. (See Colmerauer, Andrew J., assignor.)
Langer, Max, Berlin-Hermsdorf, Germany, assignor to "Fides" Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung. Armature for electric motors. 2,194,046; Mar. 19.
Langer, Max, Berlin-Hermsdorf, and G. Zapf, Berlin-Charlottenburg, assignors to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Automatic telephone system. 2,187,499; Jan. 16.
Langer, Max, Berlin-Hermsdorf, and E. Horn, Berlin-Friedenau, assignors to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Automatic telephone system. 2,222,108; Nov. 19.
Langer, Nicholas, New York, N. Y., assignor to Technical Measurement Corporation, Ridgewood, N. J. Measurement of electrically conductive material, particularly upon a nonconductive base. 2,217,843; Oct. 15.
Langer, Walter. (See Carter, H. M., and Langer.)
Langer, Walter, New York, N. Y. Deodorant puff and making same. 2,187,163; Jan. 16.
Langerman, Jonas, New York, N. Y., assignor of one-half to S. Gaswirth, Brooklyn, N. Y. Tablet and suppository press. Re. 21,559; Sept. 10.
Langevin, Clovis, et al. (See Leblanc, Henri, assignor.)
Langfelder, Joseph, St. Louis, Mo. Slipper. 2,220,722; Nov. 5.
Langford, Augustine G., St. Paul, Minn. Rear door lock for vehicles. 2,193,633; Mar. 12.
Langford, George W. (See Barrows, A. C., Haines, and Langford.)
Langford, George W., and A. C. Barrows, assignors to Economy Baler Company, Ann Arbor, Mich. Baling press. 2,210,591; Aug. 6.
Lang Ford, Walter D., Culiacan, Sinaloa, Mexico. Orthopedic apparatus. 2,206,038; July 2.
Lang Ford, Walter D., Culiacan, Sinaloa, Mexico. Orthopedic apparatus. 2,206,039; July 2.
Langgässer, Heinrich, Berlin-Grunewald, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Gyroscope. 2,202,955; June 4.
Langgässer, Heinrich, Berlin-Grunewald, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter, Haftung, Berlin, Germany. Automatic control of aircraft. 2,217,254; Oct. 8.
Langgässer, Heinrich, Berlin-Grunewald, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Controlling servomotors. 2,221,144; Nov. 12.
Langgässer, Heinrich, Berlin-Grunewald, and F. Fischer, Berlin-Wilmersdorf, assignors to Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung, Berlin, Germany. Steering control. 2,211,377; Aug. 13.
Langguth, Erich, Hagen-Emst, assignor to Accumulatoren-Fabrik Aktiengesellschaft, Berlin, Germany. Alkaline storage battery. 2,213,128; Aug. 27.
Langhaar, Louis, Allentown, Pa. Throttle governor. 2,187,243; Jan. 16.
Langhammer, Anthony J. (See Calkins, W. G., and Langhammer.)
Langhammer, Anthony J., Detroit, Mich., assignor to Chrysler Corporation, Highland Park, Mich. Method and apparatus for sizing and finishing projectiles. 2,226,002; Dec. 24.
Langhans, Otto W. (See Koch, T., and Langhans.)
Langhaus, Morris, New York, N. Y. Lather mixer. 2,225,058; Dec. 17.
Langille, Wilfred O., Chester Township, Morris County, N. J., assignor to The Singer Manufacturing Company, New York, N. Y. Electrical conductor support. 2,214,696; Sept. 10.
Langille, Wilfred O., Chester, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Brush supporting and adjusting means for vacuum cleaners. 2,216,709; Oct. 1.
Langille, Wilfred O., Chester, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Vacuum cleaner. 2,217,174; Oct. 8.
Langius, Manuel, assignor to Michigan Artcraft Company, Sparta, Mich. Extension table. 2,222,849; Nov. 26.
Langley, Arthur C. (See Lawson, R. H., Green, and Langley.)
Langlois, David P. (See Dale, J. K., and Langlois.)
Langlois, Gilbert A., and A. M. Deloison, Calais, assignors to Fabriques de Produits de Chimie Organique de Laire, Issy, Seine, France. Pyridine carboxylic acid morpholides. 2,188,244; Jan. 23.
Langlois, Harry F., et al. (See Ells, Burdick R., assignor.)
Langlois, Herbert N., et al. (See Ells, Burdick R., assignor.)
Langmaid, Charles T., and P. E. Double, Detroit, Mich. Forming clinch nuts. 2,214,198; Sept. 10.
Langmuir, Davis B., Englewood, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,219,107; Oct. 22.
Langmuir, Irving, Schenectady, N. Y., assignor to General Electric Company. Image reproduction. 2,198,479; Apr. 23.
Langmyhr, George J., Sarnia, Ontario, Canada, assignor to Standard Oil Development Company. Pressure release valve for reaction chambers. 2,225,872; Dec. 24.
Langsam, Joseph, Flushing, N. Y. Portable picnic stove. 2,221,098; Nov. 12.
Langsner, Adolph, assignor to Eugene Dietzgen Co., Chicago, Ill. Enclosed mechanism. 2,192,138; Feb. 27.
Langsner, Adolph, assignor to Eugene Dietzgen Co., Chicago, Ill. Stripping mechanism. 2,225,457; Dec. 17.
Langston, Shelby P. (See Huston, Tom, assignor.)
Langworthy, E. Phelps. (See Conley, William J., assignor.)
Lanier, Henry J., La Grange, Ga., assignor to Draper Corporation, Hopedale, Mass. Thread cutting mechanism. 2,200,182; May 7.
Lankelma, Herman P. (See Burk, R. E., and Lankelma.)
Lankelma, Herman P. (See Musselman, J. M., and Lankelma.)
Lankelma, Herman P., assignor to The Standard Oil Company, Cleveland, Ohio. Lubricating oil preparation. 2,208,218; July 16.
Lankenau Hospital, The. (See Toennies, Gerrit, assignor.)
Lannan, George M. (See Thomas, J. H., and Lannan.)
Lannen, Joseph P., Detroit, Mich. Load lifter and balancer. 2,188,364; Jan. 30.
Lannen, Joseph P., Detroit, Mich. Work carrier for balancing machines. 2,199,667; May 7.
Lannerd, Paul U., assignor to The General Industries Company, Elyria, Ohio. Phonograph record changing mechanism. 2,191,214; Feb. 20.
Lannerd, Paul U., assignor to The General Industries Company, Elyria, Ohio. Automatic phonograph mechanism. 2,191,215; Feb. 20.
Lannerd, Paul U., North Tonawanda, N. Y., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Projection device. 2,214,468; Sept. 10.
Lannerd, Paul U., North Tonawanda, N. Y., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Volume control for phonographs. 2,221,977; Nov. 19.
Lannerd, Paul U., North Tonawanda, N. Y., and C. C. Carr, Chicago, Ill. Culinary vessel. 2,220,250; Nov. 5.
Lannert, Kenneth. (See Korte, A. C., and Lannert.)
Lanoue, Chester A., Albany, N. Y. Headlight. 2,185,203; Jan. 2.
Lansdale, Ben C., assignor to Echlin Manufacturing Company, San Francisco, Calif. Frequency measuring apparatus. 2,221,591; Nov. 12.
Lansing, Horace L., Rutherford, N. J., assignor to Poor & Company, New York, N. Y. Unbalanced splice bar with balanced ratios. 2,189,009; Feb. 6.
Lansing, Horace L., Rutherford, N. J., and J. G. Delfox, Flushing, assignors to Poor & Company, New York, N. Y. Railway rail. 2,223,491; Dec. 3.
Lansing, Raymond P., Montclair, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,187,545; Jan. 16.
Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Starter mechanism. 2,195,151; Mar. 26.
Lansing, Raymond P., Montclair, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Electricity generation. 2,199,319; Apr. 30.
Lansing, Raymond P., Montclair, N. J., assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,205,041; June 18.
Lansing, Raymond P., Montclair, and G. J. Hausamann, Bloomfield, N. J., assignors, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Engine starter accelerator. 2,198,826; Apr. 30.

Lantz, Nelson B. (See Waisner, W. W., Martin, and Lantz.)
Lantz, Robert, assignor of one-half to Societe Anonyme des Matieres Colorantes & Produits Chimiques de Saint-Denis, Paris, France. Applying azo dyestuffs to fibers by development under the effect of light. 2,206,611; July 2.
Lantz, Vernon. (See Hillman, E. S., and Lantz.)
Lantz, Vernon, Oakland, assignor to Shell Development Company, San Francisco, Calif. Extraction process. 2.188.051; Jan. 23.
Lanz, George J., Wilkinsburg, Pa. Fluid pressure brake system. 2,187,789; Jan. 23.
Lanz, Heinrich, Aktiengesellschaft. (See Kamplade, Heinrich, assignor.)
Lanz, Heinrich, Aktiengesellschaft. (See Schulze, Karl-Heinrich, assignor.)
Lanz, John. (See Gilbert, A. C., and Lanz.)
Lanzarone, Ottavio, New York, N. Y. Jack for motor vehicles. 2,185,856; Jan. 2.
Laos, Gilbert E., Tucson, Ariz. Curler. 2,189,505; Feb. 6.
Lapham, James R., and F. S. Holida, Minneapolis, Minn. Machine for washing cream separator disks. 2,225,501; Dec. 17.
La Piana, Fred G., Forest Hills, Long Island, N. Y., and D. E. Truax, Providence, R. I., assignors to Stein, Hall & Company, Inc., New York, N. Y. Preparing thickeners for printing textile fabrics. 2,220,573; Nov. 5.
La Pierre, Cramer W., Schenectady, N. Y., assignor to General Electric Company. Radio voting. 2,206,702; July 2.
La Pierre, Cramer W., Schenectady, N. Y., assignor to General Electric Company. Phase angle indicator. 2,225,346; Dec. 17.
La Plant-Choate Manufacturing Co. (See Austin, Ellsworth W., assignor.)
Lapoint, Elmer J. (See Lapointe, F. J., and E. J.)
Lapointe, Alexandre J., Louisville, Ky., assignor to Devoe & Raynolds Company, Inc. Dispersion of pigments in film-forming vehicles. 2,205,985; June 25.
Lapointe, Donald H., assignor to The Miller Company, Meriden, Conn. Liquid fuel supply mechanism for oil stoves. 2,186,726; Jan. 9.
Lapointe, Elmer J. (See Lapointe, Francis J. and E. J.)
Lapointe, Elmer J., assignor to American Broach and Machine Company, Ann Arbor, Mich. Reclaiming broach tools. 2,199,343; Apr. 30.
Lapointe, Francis J. and E. J., assignors to American Broach and Machine Company, Ann Arbor, Mich. Surface broach. 2,204,537; June 11.
Lapointe, Francis J. and E. J., assignors to The American Broach and Machine Company, Ann Arbor, Mich Broach. 2,215,616; Sept. 24.
Lapointe Machine Tool Company, The. (See Monroe, Kenneth C., assignor.)
Lapointe Machine Tool Company, The. (See West, Donald H., assignor.)
Lapsley, Charles H. (See Spare, C. R., and Lapsley.)
Lapsley, Robert, Berrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Motion transmitting means. 2,188,510; Jan. 30.
Lapsley, Robert, Berrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Transmission. 2,205,595; June 25.
Lapsley, Robert, and A. F. Hasty, assignors to Clark Equipment Company, Berrien Springs, Mich. Gear shifting mechanism. 2,197,938; Apr. 23.
Lapwood, Keith E., assignor to Automotive Products Company, Limited, London, England. Brake. 2,218,201; Oct. 15.
Laraque, Roland, Paris, France. Automatic mechanical return device. 2,224,481; Dec. 10.
Larché, Kurt. (See Krefft, H., Larché, and Thomas.)
Lard, L. A. (See Lott, Lawson C., assignor.)
La Resista Corset Company, The. (See Jasper, Hallie L., assignor.)
Large, Archie O., Oklahoma City, Okla. Record holder. 2,215.833; Sept. 24.
Large, Bert E., Lincoln, Nebr. Back washer. 2,187,977; Jan. 23.
Large, George, assignor to H. W. Bolens, Port Washington, Wis. Cultivator. 2,221,099; Nov. 12.
Large, Sylvester B., and G. F. Rolland, Tamaqua, Pa., assignors to Atlas Powder Company, Wilmington, Del. Detonator. 2,195,032; Mar. 26.
Large, Wayne V. K., Glenwood Landing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication switching system. 2,222,672; Nov. 26.
Larionoff-Romanovsky, Vladimir S., Philadelphia, Pa. Power transmitting mechanism. 2,222,261; Nov. 19.
Larisch, Clifford H., Kalamazoo, Mich. Musical instrument bridge. 2,196,531; Apr. 9.
Larison Compensating Axle Corporation. (See Larison, Glenn L., assignor.)
Larison, Glenn L., La Grande, Oreg. Shock reducing and cushioning wheel mounting for vehicles. Re. 21,483; June 18.
Larison, Glenn L., La Grange, Oreg. Compensating wheel mounting for vehicles. 2,199,409; May 7.
Larison, Glenn L., La Grande, Oreg., assignor to Larison Compensating Axle Corporation. Spring mounting for vehicles. 2,206,359; July 2.
Larison, Glenn L., La Grande, Oreg., assignor to Larison Compensating Axle Corporation. Vehicle wheel suspension. 2,209,528; July 30.
Larison, Glenn L., La Grande, Oreg., assignor to Larison Compensating Axle Corporation. Vehicle wheel mounting. 2,226,100; Dec. 24.
Larkin, Dennis F., San Francisco, Calif. Rope clip. 2,222,038; Nov. 19.
Larkin, George R. (See Crane, C. J., and Larkin.)
Larkin, Lester U., Inc. (See Larkin, Lester U., assignor.)
Larkin, Lester U., assignor to Lester U. Larkin, Inc., Baltimore, Md. Apparatus for manufacturing finned structures. 2,218,115; Oct. 15.
Larkin, Walter, Norristown, Pa., assignor to Fidelity Machine Company, Wilmington, Del. Knitting machine with interchangeable needle carriers. 2,201,905; May 21.
Larkin, William J., Jr., assignor to National Company, Inc., Malden, Mass. Radio and like socket. 2,205,146; June 18.
Larkin, William J., Jr., Lynnfield, assignor to National Company, Inc., Malden, Mass. Radio apparatus. 2,209,626; July 30.
Larkin, William J., Jr., Lynnfield, assignor to National Company, Inc., Malden, Mass. Electrical apparatus. 2,209,734; July 30.
Larmuth, John H., Hill Crest, Upper Colwyn Bay, North Wales. Bobbin lifting mechanism. 2,219,482; Oct. 29.
Larner, Chester W., Philadelphia, Pa. Valve. 2,192,499; Mar. 5.
Larney, Edward, Narberth, assignor to The Curtis Publishing Company, Philadelphia, Pa. Bookmaking. 2,223,325; Nov. 26.
La Roque, Harold B., Scotia, N. Y., assignor to General Electric Company. (Control system. 2,220,415; Nov. 5.
Larrecq, Anthony J., Beach Bluff, Mass., assignor to General Electric Company. Heat exchange apparatus. 2,185,964; Jan. 2.
Larrecq, Anthony J., Beach Bluff, Mass., assignor to General Electric Company. Heat exchange apparatus. 2,205,266; June 18.
Larrison, Arthur W., San Francisco, Calif. Venetian blind. 2,204,937; June 18.
Larry, Timothy A., and E. E. Cline, assignors to Mueller Co., Decatur, Ill. Making lateral extensions from pipe lines. 2,188,607; Jan. 30.
Larsen, Agnew E., Jenkintown, Pa., assignor, by mesne assignments, to Autogiro Company of America. Rotary-winged aircraft and the operation thereof. 2,192,139; Feb. 27.
Larsen, Agnew E., Jenkintown, Pa., assignor, by mesne assignments, to Autogiro Company of America. Aircraft sustaining rotor. 2,220,109; Nov. 5.
Larsen, Albert M., et al. (See Crane, Samuel G., assignor.)
Larsen, Carl, Globe, Ariz. Mechanism for walking toys. 2,197,892; Apr. 23.
Larsen, Carl B., assignor to J. I. Case Company, Racine, Wis. Antiskid device. 2,186,759; Jan. 9.
Larsen, Charles F., Brooklyn, assignor to G. McCornick, New York, N. Y. Gas lighter. 2,185,204; Jan. 2.
Larsen, Charles F., Brooklyn, and G. McCornick, New York, N. Y. Lighter. 2,214,336; Sept. 10.
Larsen, Clarence C., Bismarck, N. Dak., assignor to Lignite Combustion Engineering Corporation. Automatic stoker. Re. 21,617; Nov. 5.
Larsen, Earl I. (See Hensel, F. R., and Larsen.)
Larsen, Edgar H., assignor to M. A. Wright, Lincoln, Nebr. Visible file. 2,226,519; Dec. 24.
Larsen, Einer W., Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Stop counter. 2,213,867; Sept. 3.
Larsen, Gabriel, Springfield, N. J., assignor to L. E. Waterman Company, New York, N. Y. Fountain pen. 2,217,755; Oct. 15.
Larsen, Harry. (See Phillips, H. P., Heacock, and Larsen.)
Larsen, Howard M. (See Peterson, R. E., and Larsen.)
Larsen, Leo E. (See Rabkin, W., and Larsen.)
Larsen, Louis A. (See Carter, P. M., Linsley, and Larsen.)
Larsen, Louis G., Jersey City, N. J., assignor of one-half to H. Neuwirth and one-half to B. E. Winston, Brooklyn, N. Y. Thread cutting means. 2,214,058; Sept. 10.
Larsen, Louis M., Rutherford, N. J., assignor to The International Printing Ink Corporation, New York, N. Y. Printing ink. 2,216,689; Oct. 1.
Larsen, Neil P., assignor to American Coach & Body Company, Cleveland, Ohio. Vehicle construction. 2,194,506; Mar. 26.
Larsen, Neil P., Cleveland Heights, assignor to The American Coach & Body Company, Cleveland, Ohio. Meter holder. 2,213,738; Sept. 3.
Larsen, Olaf, Oak Park, assignor to The Creamery Package Mfg. Company, Chicago, Ill. Bottle filler valve. 2,226,619; Dec. 31.
Larson, A. F. (See Thinglum, Albert E., assignor.)
Larson, Albert, et al. (See Hooper, Archibald H., assignor.)
Larson, Arvid. (See Pihlquist, A., and Larson.)
Larson, Carl H. (See Hedin, U. C., and Larson.)
Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Mercury switch. Re. 21,661; Dec. 17.
Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Flasher. 2,208,274; July 16.
Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Mercury switch. 2,209,984; Aug. 6.

Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Mercury switch relay. 2,224,873; Dec. 17.
Larson, Carl H., Elkhart, Ind., J. L. Mohun, Chicago, Ill., and C. M. Verhagen, assignors to The Adlake Company, Elkhart, Ind. Combination baggage rack and lighting fixture. 2,217,688; Oct. 15.
Larson, Chas. O., Co. (See Larson, Charles O., assignor.)
Larson, Charles O., assignor to Chas. O. Larson Co., Sterling, Ill. Sawhorse. 2,197,187; Apr. 16.
Larson, Charles O., assignor to Chas. O. Larson Co., Sterling, Ill. Window sash operator. 2,226,824; Dec. 31.
Larson, Edward. (See Davis, E. L., Cole, Larson, and Wells.)
Larson, Edward S., assignor to Teletype Corporation, Chicago, Ill. Coding mechanism. 2,207,744; July 16.
Larson, Edward S., and C. A. Levin, assignors to Teletype Corporation, Chicago, Ill. Telegraphic transmission and automatic printing of meter readings. 2,207,743; July 16.
Larson, Frank A., Chicago, Ill., assignor to E. J. Baldwin. Signaling apparatus. 2,197,553; Apr. 16.
Larson, Fritz F., St. Paul, Minn. Window lock. 2,187,660; Jan. 16.
Larson, Hilding, Moline, Ill., assignor to Lincoln Locker Corporation, Pocahontas, Iowa. Receptacle. 2,185,770; Jan. 2.
Larson, Homer W., Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Wire forming apparatus. 2,214,025; Sept. 10.
Larson, Homer W., Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York N. Y. Tool. 2,217,486; Oct. 8.
Larson, John M., Chicago Ill., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermostatic control apparatus. 2,188,542; Jan. 30.
Larson, John M., Chicago, Ill., assignor to Minneapolis Honeywell Regulator Company, Minneapolis, Minn. Pneumatic control system. 2,196,927; Apr. 9.
Larson, John M., Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Valve device. 2,200,226; May 7.
Larson, John M., Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Humidity controller. 2,203,534; June 4.
Larson, John M., Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Humidity controller. 2,203,535; June 4.
Larson, John M., Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Static pressure regulator. 2,210,868; Aug. 6.
Larson, John M., Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Damper. 2,210,869; Aug. 6.
Larson, John M., Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,216,245; Oct. 1.
Larson, John M., Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Regulator. 2,216,246; Oct. 1.
Larson, John M., and K. Figenbaum, Chicago, Ill., assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Reverse acting relay. 2,196,926; Apr. 9.
Larson, John M., and K. Figenbaum, Chicago, Ill., assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Reverse acting valve. 2,213,785; Sept. 3.
Larson, Karl R., Minneapolis, Minn. Fish lure. 2,187,609; Jan. 16.
Larson, Karl R., Minneapolis, Minn. Illuminated bait. 2,190,791; Feb. 20.
Larson, Louis J., Whitefish Bay, assignor to A. O. Smith Corporation, Milwaukee, Wis. Testing vessel liners. 2.222,079; Nov. 19.
Larson, Louis L., Hockessin, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of paper. 2,216,845; Oct. 8.
Larson, Magnus W., Seattle, Wash. Apparatus for treating respiratory organs. 2,210,373; Aug. 6.
Larson, Otto, Chicago, Ill. Locomotive draft sheet. 2.227,094; Dec. 31.
Larson, Peter S., University City, Mo. Cutting device. 2,223,828; Dec. 3.
Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Handle. 2,199.374; Apr. 30.
Larson, Russell W., Montclair, N. J., assignor of one-third to H. Smith, and one-third to H. Stroeble. Barrel tap fitting. 2,194,799; Mar. 26.
Larson, Swan E., assignor to Geo. D. Roper Corporation, Rockford, Ill. Pump. 2,203,828; June 11.
Larson, Victor F., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Hammer screen. 2,187,273; Jan. 16.
Larson, Werner J., West Hartford, assignor to The States Company, Hartford, Conn. Meter testing plug. 2,210,418; Aug. 6.
Larson, Werner J., West Hartford, assignor to The States Company, Hartford, Conn. Meter testing jack. 2,218,650; Oct. 22.
Larson, William A., Centralia, Ill., and H. T. Swortwood, Oklahoma City, Okla. Bailer or sand pump. 2,187,042; Jan. 16.
Larson, William S., Inglewood, Calif. Apparatus for carbonating liquids. 2,196,997; Apr. 16.

Larsson, Alfred P., New York, N. Y. Electric fan hanger 2,209,653; July 30.
Larsson, Ernst A., assignor to The Ohio Brass Company, Mansfield, Ohio. Coupling mechanism. 2,185,256; Jan. 2.
Larsson, Ernst A., assignor to The Ohio Brass Company, Mansfield, Ohio. Current collector. 2,185,257; Jan. 2.
Larsson, Ernst A., assignor to The Ohio Brass Company, Mansfield, Ohio. Car coupler. 2,225,418; Dec. 17.
La Rue, Orbie L., Paris, Tex. Face protector. 2,225,873; Dec. 24.
Larzelere, Charles F., assignor of one-half to D. F. Patterson, Wild Rose, Wis. Artificial bait. 2,212,294; Aug. 20.
La Salle, Thomas E., Merced, Calif. Floor sander. 2,224,437; Dec. 10.
Lasater, Robert L., Evanston, Ill. Rubber toothbrush. 2,206,726; July 2.
Lashey, Charles E., et al. (See Vigue, William, assignor.)
Lasier, David R., assignor to Norton Lasier Company, Chicago, Ill. Connecting device for doors and the like. 2,207,128; July 9.
Lasier, David R., assignor to Norton Lasier Company, Chicago, Ill. Door closing and checking device. 2,220,967; Nov. 12.
Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Tabulating machine. 2,185,258; Jan. 2.
Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Tabulating machine. 2,185,259; Jan. 2.
Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Tabulating machine. 2,185,260; Jan. 2.
Lasley, Ursula, Chicago, Ill., assignor of one-half to B. Halberstadt, New York, N. Y. Galosh. 2,215,880; Sept. 24.
La Sota, Frank S., St. Paul, Minn. Shaft and socket connection. 2,199,076; Apr. 30.
Lass, William P., Santa Cruz, Calif. Method and apparatus for forming pulp articles. 2,204,276; June 11.
Lassen, Alma M., New York, N. Y. Game. 2,190,031; Feb. 13.
Lassen, Sven H., Los Angeles, assignor to Philip R. Park, Inc., Outer Harbor, San Pedro, Calif. Concentrating vitamins from fish press water. 2,188,008; Jan. 23.
Lasseter, Franklin P., Westport, Conn., assignor to The Philadelphia and Reading Coal and Iron Company, Pottsville, Pa. Flotation of materials. 2,226,170; Dec. 24.
Lassiat, Raymond C. (See Houndry, E. J., Lassiat, and Kelso.)
Lassiat, Raymond C. (See Pew, A. E., Jr., and Lassiat.)
Lassiat, Raymond C., Swathmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Recovery of gasoline. 2,186,029; Jan. 9.
Lassiat, Raymond C., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Apparatus for controlled treatment of fluids. 2,222,623; Nov. 26.
Lassman, Benjamin, assignor to Hydraulics, Inc., Pittsburgh, Pa. Apparatus for the manufacture of hollow and indented dry pressed ceramic ware. 2,209,404; July 30.
Las-Stik Manufacturing Company, The. (See Sohngen, Louis C., assignor.)
Lasting Products Company, The. (See Knight, Lewis A., assignor.)
Laterite Syndicate Limited, The. (See Fox, Cyril S., assignor.)
Latham, Leonard. (See Finlayson, D., and Latham.)
Lathe, Frank E., Ottawa, Ontario, N. P. Pitt, Eastview, Ontario, and L. Hodnett, Ottawa, Ontario, assignors, by mesne assignments, to Canadian Refractories Limited, Montreal, Quebec, Canada. Chemically bonded refractory. 2,218,242; Oct. 15.
Lathe, Frank E., Ottawa, Ontario, N. P. Pitt, Westmount, Quebec, and L. Hodnett, Ottawa, Ontario, assignors, by mesne assignments, to Canadian Refractories Limited, Montreal, Quebec, Canada. Chemically bonded refractory. 2,218,243; Oct. 15.
Lathe, Frank E., Ottawa, Ontario, N. P. Pitt, Westmount, Quebec, and L. Hodnett, Ottawa, Ontario, Canada. Chemically bonded refractory. 2,218,244; Oct. 15.
Lathrop, Harvey, Forest Hills, Long Island, N. Y. Ornamental covering for containers. 2,201,779; May 21.
Lathrop, Palmer J., Summit, N. J. Welding method and apparatus. 2,213,317; Sept. 3.
Lathrop-Paulson Company, The. (See Decker, Harry H., assignor.)
Lathrop-Paulson Company, The. (See Paulson, Walter H., assignor.)
Lathrop, Verne, assignor to Culligan-Weinhagen Company, Inc., St. Paul, Minn. Paving material spreader. 2,188,553; Jan. 30.
Latimer, Chester W. (See Hansell, C. W., Usselman, and Latimer.)
Latimer, Walter H. (See Bristow, William L., assignor.)
Latour, Theodore R., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Candy wrapper. 2,205,210; June 18.
Latrobe Electric Steel Company. (See Smith, Miles K., assignor.)

Latshaw, Elmer, assignor to The J. G. Brill Company, Philadelphia, Pa. Rail brake for railway cars. 2,207,295; July 9.
Latshaw, Elmer, assignor to The J. G. Brill Company, Philadelphia, Pa. Truck. 2,215,182; Sept. 17.
Latta, Isaac R., Drexel Hill, Pa., assignor to General Electric Company. Electric switch. 2,202,698; May 28.
Lattemann, Emil, Waldfischbach/Palatinate, Germany. Detorsion shoe. 2,190,568; Feb. 13.
Latter, Charles, incompetent, Beverly Hills, Calif., by F. Latter, guardian, Beverly Hills, Calif. Belted garment. 2,197,584; Apr. 16.
Latter, Frances, guardian. (See Latter, Charles.)
Lattmann, Max E., Zurich, Switzerland. Production of anode material for electrothermically modulable radiators. 2,200,846; May 14.
Lattner, Emert J., Cedar Rapids, Iowa. Boiler. 2,214,676; Sept. 10.
Lattner, Emert J., Cedar Rapids, Iowa. Air conditioning unit. 2,220,080; Nov. 19.
Latty, Marcel V. J., Paris, France. Making boats. 2,196,217; Apr. 9.
Lau, Leicester E., et al. (See Chambers, Nicholas, assignor.)
Lau, Martin, Randolph, Minn. Mail box. 2,192,445; Mar. 5.
Laub, Adolf, Basel, assignor to Comptoir Industriel & Commercial S. A., Glarus, Switzerland. Progressive infinitely variable change speed gear. 2,199,051; Apr. 30.
Laub, Hans, Millburn, assignor to Hanovia Chemical and Manufacturing Company, Newark, N. J. Irradiation device. 2,222,148; Nov. 19.
Laub, Stanley V., Detroit, Mich. Hernia appliance or the like. 2,223,006; Nov. 26.
Laube, Otto T., East Orange, N. J., assignor to American Telephone and Telegraph Company. Control circuit for radio receivers. 2,190,546; Feb. 13.
Laube, Otto T., East Orange, N. J., assignor to American Telephone and Telegraph Company. Radio control system. 2,213,105; Aug. 27.
Laubenstein, George, Madison, assignor to The J. E. Mergott Company, Newark, N. J. Locking means for ladies' handbags and the like. 2,186,905; Jan. 9.
Laubenthal, G. W., et al. (See Saltsman, Daniel J., assignor.)
Laubscher, Ralph E., Lakewood, Ohio. Floor construction. 2,187,500; Jan. 16.
Lauby, Anton J., Marshfield, Wis. Artificial bait. 2,187,475; Jan. 16.
Lauby, Anton J., Marshfield, Wis. Artificial bait. 2,215,908; Sept. 24.
Lauck, Friedrich. (See Fischel, E., and Lauck.)
Lauck, Friedrich. (See Roland, H., Schnapperelle, and Lauck.)
Lauck, Friedrich, Travemunde, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Course device for vehicles. 2,200,030; May 7.
Lauck, Friedrich, Lubeck-Travemunde, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Gyroscope. 2,209,735; July 30.
Lauck, Friedrich, Berlin-Spandau, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Gyroscope. 2,217,255; Oct. 8.
Lauck, Friedrich, Lubeck-Travemunde, and H. Hengsbach, Berlin-Charlottenburg, assignors to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Control means for gyroscopes. 2,225,014; Dec. 17.
Lauckner, Arthur F., Great Falls, Mont. Combined folding seat and cane. 2,192,475; Mar. 5.
Laucks, I. F., Inc. (See Dike, Theodore W., assignor.)
Laucks, I. F., Inc. (See Galber, Harry, assignor.)
Lauder, Alfred E., Vancouver, British Columbia, Canada. Fuel vaporizer. 2,221,352; Nov. 12.
Lauder, Arthur H. (See Jones, B. W., and Lauder.)
Lauder, Arthur H., Schenectady, N. Y., assignor to General Electric Company. Motor control system. 2,210,627; Aug. 6.
Lauenstein, Carl F., Indianapolis, Ind., assignor to Link-Belt Company. Chain link side bar, or the like, having extruded locking lugs. 2,221,053; Nov. 12.
Lauenstein, Carl F., and C. J. Brinkworth, Indianapolis, Ind., assignors to Link-Belt Company, Chicago, Ill. Ferrous metal. 2,192,645; Mar. 5.
Lauer, Oscar G., assignor to Grand Rapids Blow Pipe & Dust Arrestor Co., Grand Rapids, Mich. Separator. 2,213,881; Sept. 3.
Laufenburg, Johanna C., South Bend, Ind. Cushion. 2,224,353; Dec. 10.
Lauffer, Andreas, Schwenningen-on-the-Neckar, Germany. Self-starting synchronous motor. 2,212,782; Aug. 27.
Lauffer, William G., Leonia, N. J., and H. R. Kessler, Forest Hills, N. Y., assignors to Republic Flow Meters Company, Chicago, Ill. Feed-water system. 2,207,809; July 16.
Laughlin, Herman G. (See Hulse, R. E., Hansley, and Laughlin.)
Laughlin, Kenneth C., Baton Rouge, La., assignor to Standard Oil Development Company. Hard bituminous material. 2,198,777; Apr. 30.
Laughlin, Kenneth C., Baton Rouge, La., assignor to Standard Oil Development Company. Conversion of normally gaseous mono-olefins to normally liquid products. 2,199,180; Apr. 30.
Laughlin, Kenneth C., and H. E. Cier, Baton Rouge, La., assignors to Standard Oil Development Company. Light-colored asphalt. 2,195,536; Apr. 2.
Laughlin, W. C., Corporation. (See Laughlin, William C., assignor.)
Laughlin, William C., New York, N. Y., assignor to Filtration Equipment Corporation, Bound Brook, N. J. Seal for filter bed cleaners. 2,207,988; July 16.
Laughlin, William C., New York, N. Y., assignor, by mesne assignments, to W. C. Laughlin Corporation, Dover, Del. Filtering system, device used therein, and method of filtration. 2,217,689; Oct. 15.
Laughlin, William C., assignor to W. C. Laughlin Corporation, New York, N. Y. Top surface cleaner for filter beds. 2,217,690; Oct. 15.
Laughlin, William C., assignor to W. C. Laughlin Corporation, New York, N. Y. Deep or bottom cleaner for filter beds. 2,218,355; Oct. 15.
Laughridge, Aughy G., Atlanta, Ga. Antifriction bearing. 2,213,400; Sept. 3.
Laughter, Victor H., Shelby County, assignor of one-half to H. T. Wilson, Memphis, Tenn. Radio tube testing apparatus. 2,196,466; Apr. 9.
Laundri-Matic Corporation. (See Bassett, Rex E., Jr., assignor.)
Laurent, Milton P., assignor to W. K. M. Company, Incorporated, Houston, Tex. Pipe coating device. 2,193,971; Mar. 19.
Laursen, Anker H., et al. (See Laursen, Thorvald K., assignor.)
Laursen, Bruno L., Dunedin, Fla. Folding furniture. 2,223,958; Dec. 3.
Laursen, Thorvald K., Los Angeles, assignor of one-fourth to A. H. Laursen, Los Angeles, and one-fourth to A. H. Greenlund, Inglewood, Calif. Electric circuit coupling. 2,196,313; Apr. 9.
Laury, Napoleon A., Bound Brook, and A. P. Beardsley, Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Method and apparatus for starting ammonia burners. 2,192,816; Mar. 5.
Laussucq, Henri P. L., Reading, assignor to Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Drawing press and process. 2,217,172; Oct. 8.
Lauster, Franz, Hanau-on-the-Main, Germany. Lead-in conductor for mercury vapor tubes. 2,187,860; Jan. 23.
Laute, Wilmar. (See Rethel, W., Laute, and Mühlberg.)
Lautenschlager, Carl L., and F. Lindner, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparing crystallized derivatives of the vitamin E. 2,188,878; Jan. 30.
Lauter, Werner M., Kalamazoo, Mich., assignor to Wingfoot Corporation, Wilmington, Del. Age resistor. 2,189,736; Feb. 6.
Lauterbach, Alexander, Washington Mills, assignor to Horrocks-Ibbotson Co., Utica, N. Y. Snelling machine. 2,220,530; Nov. 5.
Lauterbach Corporation. (See Lauterbach, John, assignor.)
Lauterbach, John, Philadelphia, Pa., assignor to Lauterbach Corporation. Rotary valve mechanism. 2,198,543; Apr. 23.
Lauterbach, John, Philadelphia, Pa., assignor to The Watson-Stillman Co., Roselle, N. J. Hydraulic molding press. 2,227,265; Dec. 31.
Lauterbach, Karges E., Irondequoit, N. Y. Dust mop handle or the like. 2,191,348; Feb. 20.
Lauterbach, Karges, Irondequoit, N. Y. Game of skill. 2,225,502; Dec. 17.
Lautman, Maurice F., deceased, Hot Springs, Ark.; M. E. Lautman, executrix. Appliance for purifying tobacco smoke. 2,185,672; Jan. 2.
Lautman, Minnie E., executrix. (See Lautman, Maurice F.)
Lautsch, Werner, Berlin-Reinickendorf, Germany, assignor to General Electric Company. Sensitizing foundation members for electric discharge devices. 2,209,821; July 30.
Laux, Peter, Chicago, Ill. Sanitary drinking dipper. 2,218,681; Oct. 22.
Lava Crucible Company of Pittsburgh. (See Shremp, Raymond M., assignor.)
Lava Crucible Company of Pittsburgh. (See South, Furman, Jr., assignor.)
Lava Crucible Company of Pittsburgh. (See White, Harold E., assignor.)
Lavallee, Louis J. A., Springfield, Mass. Antiskid tread for stairs, floors, and the like. 2,190,211; Feb. 13.
La Van, Frank, Bryn Mawr, Wash. Attachment for carrying batteries suspended on a belt. 2,190,601; Feb. 13.
Lavarack, Frederick C., Montclair, N. J., assignor to Railroad Accessories Corporation, New York, N. Y. Adapter. 2,198,368; Apr. 23.
Lavarack, Frederick C., Montclair, N. J., and B. Schlesinger, Flushing, assignors to Railroad Accessories Corporation, New York, N. Y. Rail drilling machine. 2,203,415; June 4.
La Vasseur, Roy, assignor to Superior Parts Company, Chicago, Ill. Hinge mounting device. 2,220,468; Nov. 5.

La Veau, William C., Stambaugh, Mich. Holder. 2,191,022; Feb. 20.
Lavenburg, George, New York, N. Y. Electric toaster. 2,193,972; Mar. 19.
Lavere, Carroll K., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Packing member and blank therefor. 2,185,637; Jan. 2.
Lavergne, Jean, assignor to "Autocalor", Société Anonyme, Paris, France. Vacuum heating system. 2,186,680; Jan. 9.
Lavett, Charles O., assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Drying solutions containing lactose. 2,188,907; Feb. 6.
Lavett, Charles O., assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Coagulating proteins in liquor. 2,188,908; Feb. 6.
Lavett, Charles O., assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Drying lactose. 2,197,804; Apr. 23.
Lavigne, Joseph P., assignor to Metal Mouldings Corporation, Detroit, Mich. Hinge structure. 2,188,052; Jan. 23.
Lavine, Theodore F., Ardmore, Pa. Cysteine sulphinic acid and the preparation thereof. 2,212,783; Aug. 27.
Lavino, E. J., and Company. (See Griffith, Raymond E., assignor.)
Lavino, E. J., and Company. (See Seil, Gilbert E., assignor.)
Lavorgna, Michael L. (See Jones, E. A., Lavorgna, Westmont, and Olson.)
Lavori, Angelo, Stapleton, Staten Island, N. Y. Therapeutic apparatus. 2,209,779; July 30.
Law, Albert, Jackson Heights, N. Y. Gate lock. 2,215,293; Sept. 17.
Law, Clare H. (See Unger, P. O., Law, and Talmage.)
Law, George H. (See McNamee, R. W., Chitwood, and Law.)
Law, George H., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Olefin oxidation and catalyst therefor. 2,187,882; Jan. 23.
Law, George H., South Charleston, and H. C. Chitwood, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Activation of silver catalysts. 2,194,602; Mar. 26.
Law, Harry, assignor of forty per cent to J. A. Law, Merced, Calif. Tractor chain assembly. 2,206,966; July 9.
Law, James A. (See Law, Harry, assignor.)
Law, Orval A., Roscoe, Ill. Heater. 2,222,537; Nov. 19.
Lawandus, John, Buffalo, N. Y. Shoe construction. 2,188,225; Jan. 23.
Lawler, Frank P., assignor to C. H. Grant, San Francisco, P. J. Tyler, Oroville, Calif., and himself. Hoist. 2,199,668; May 7.
Lawler, Jack A., Franklin, assignor to Marvel Equipment Corporation, Detroit, Mich. Concealed hinge. 2,206,904; July 9.
Lawler, Thomas J. (See Higgins, T. W., and Lawler.)
Lawless, Nathan M., Moline, Ill., assignor to International Harvester Company. Crankshaft. 2,197,413; Apr. 16.
Lawlor, James L., et al. (See Seal, Ivan C., assignor.)
Lawlor, Joseph P., Ames, Iowa. Water softening. 2,223,892; Dec. 3.
Lawrence, A. C., Leather Company. (See Griffin, R. L., and Moore, assignors.)
Lawrence, Abbott W., Milton, assignor to F. H. Nesmith, Cambridge, Mass., as trustee. Floor fastening. 2,206,464; July 2.
Lawrence, Albert W., Toronto, Ontario, Canada. Universal cleaning device. 2,209,275; July 23.
Lawrence, Alfred N., New York, assignor to Sperry Products, Inc., Brooklyn, N. Y. Liquid control gear. 2,197,554; Apr. 16.
Lawrence, Benjamin E. (See McCleary, Nolen H., assignor.)
Lawrence, Charles K. (See Beekhuis, H. A., Jr., and Lawrence.)
Lawrence, Frederick K., assignor to Mildred J. Lawrence. Chicago, Ill. Photographic enlarging easel or printing frame. 2,213,652; Sept. 3.
Lawrence, George H., Chicago, Ill. Board for drop hammers. 2,204,222; June 11.
Lawrence, James M., Alhambra, assignor to A. M. Ross, Los Angeles, Calif. Razor. 2,195,674; Apr. 2.
Lawrence, John T., Inman, S. C. Cotton cleaning machine. 2,196,773; Apr. 9.
Lawrence, Howard F., assignor to American Engineering Company, Philadelphia, Pa. Hydraulic control system. 2,221,313; Nov. 12.
Lawrence, Leon W., assignor to The Bircher Co. Inc., Rochester, N. Y. Envelope opening machine. 2,220,251; Nov. 5.
Lawrence, Leonard D., North Kingstown, assignor to Boston Wire Stitcher Company, Warwick, R. I. Stapling machine. 2,216,474; Oct. 1.
Lawrence, Lloyd E., Philadelphia, Pa. Carrier for fishhooks and artificial flies. 2,225,309; Dec. 17.
Lawrence, Lynn L., Julian, Nebr. Trap construction. 2,207,015; July 9.
Lawrence, Mildred J. (See Lawrence, Frederick K., assignor.)
Lawrence Pump and Engine Co. (See Schmidt, Edward, assignor.)
Lawrence, Victor J., Brentwood, Pa., assignor of one-half to Howard Scott, Wilkinsburg, Pa. Steel for Hawaiian guitars. 2,203,466; June 4.
Lawrence, William J., and A. C. Dreshfield, Kalamazoo, Mich., assignors to Hercules Powder Company, Wilmington, Del. Apparatus for producing amorphous forms of normally crystalline salts. 2,215,183; Sept. 17.
Lawrenson, Anthony. (See Hargreaves, E. S., Clements, Brown, and Lawrenson.)
Lawson, Albert R., assignor to Appleford Paper Products, Ltd., Hamilton, Ontario, Canada. Triplicate manifolding book. 2,186,547; Jan. 9.
Lawson, F. H., Company, The. (See Lumley, Maurice, assignor.)
Lawson, Fred E., Philadelphia, Pa. Housing for Venetian blind operating mechanism. 2,187,458; Jan. 16.
Lawson, Fred E., Detroit, Mich. Venetian blind. 2,209,276; July 23.
Lawson, Gottfrid C., Cleveland, Ohio. Venetian blind. 2,202,293; May 28.
Lawson, Gottfrid C., and C. Lindquist, Cleveland, Ohio, assignors to A. B. Wilson, Evanston, Ill. Venetian shade. Re. 21,518; July 30.
Lawson, Harry W., and J. L. Gillerlain, assignors, by mesne assignments, to A. E. Starkie, Oak Park, and O. Eisenschiml, Chicago, Ill. Plasticized resinous material. 2,217,988: Oct. 15.
Lawson, John, Bristol, R. H. Lawson, Pawtucket, and A. N. Cloutier, Lonsdale; said R. H. Lawson and said Cloutier assignors to Hemphill Company, Central Falls, R. I. Feeding means for knitting machines. 2,217,225; Oct. 8.
Lawson, John W., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Quick break air operated switch. 2,192,793; Mar. 5.
Lawson, Reginald W., London, England. Preparation for application to the skin and toilet soap. 2,194,858; Mar. 26.
Lawson, Robert H. (See Lawson, John and R. H., and Cloutier.)
Lawson, Robert H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe supporting jack. 2,194,360; Mar. 19.
Lawson, Robert H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for use in the manufacture of shoes. 2,201,866; May 21.
Lawson, Robert H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Driving mechanism. 2,221,875; Nov. 19.
Lawson, Robert H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for shaping uppers over lasts. 2,224,157; Dec. 10.
Lawson, Robert H., Pawtucket, R. I., assignor to Scott & Williams, Incorporated, Laconia, N. H. Strand-feeding device for knitting and like machines. 2,199,263; Apr. 30.
Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitting machine. 2,199,636; May 7.
Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Cam for knitting machines. 2,199,637; May 7.
Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Automatic wrap stripe knitting machine. 2,204,417; June 11.
Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Indicator or measuring means for knitting or other machines and method. 2,207,464; July 9.
Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Fancy attachment for knitting machines. 2,208,699; July 23.
Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Selecting device for knitting machines. 2,209,529; July 30.
Lawson, Robert H., Pawtucket, R. I., assignor to Scott & Williams, Incorporated, New York, N. Y. Woman's undergarment. 2,212,027; Aug. 20.
Lawson, Robert H., Pawtucket, R. I., assignor to Scott & Williams, Inc., Laconia, N. H. Feeding apparatus. 2,227,355: Dec. 31.
Lawson, Robert H., Pawtucket, R. I., assignor to Scott & Williams, Incorporated, Laconia, N. H. Method of and means for changing the speed of electric motors for various purposes. 2,227,356; Dec. 31.
Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Knitting machine. 2,198,626; Apr. 30.
Lawson, Robert H., Pawtucket, and I. H. C. Green, assignors to Hemphill Company, Central Falls, R. I. Knitting machine and method. 2,206,097; July 2.
Lawson, Robert H., Pawtucket, and R. F. Lovell, Providence, assignors to Hemphill Company, Central Falls, R. I. Selective control of sinkers, needles, and jacks. 2,207,463; July 9.
Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Adjustable cam mount for knitting machines. 2,208,307; July 16.

Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Reverse plating knitting machine and method. 2,208,308; July 16.
Lawson, Robert H., Pawtucket, A. N. Cloutier, Lonsdale, and I. H. C. Green, assignors to Hemphill Company, Central Falls, R. I. Knitting machine. 2,208,698; July 23.
Lawson, Robert H., Pawtucket, and A. Gagné, assignors to Hemphill Company, Central Falls, R. I. Method and machine for knitting. 2,209,061; July 23.
Lawson, Robert H., Pawtucket, I. H. C. Green, Central Falls, and A. C. Langley, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Knitting machine. 2,211,785; Aug. 20.
Lawson, Robert H., Pawtucket, and A. Gagné, Central Falls, assignors to Hemphill Company, Central Falls, R. I. Stop mechanism for knitting machines. 2,215,220; Sept. 17.
Lawson, Robert H., Pawtucket, and I. H. C. Green, assignors to Hemphill Company, Central Falls, R. I. Solid color pattern knitting machine. 2,217,022; Oct. 8.
Lawson, Walter E. (See Burrows, L. A., and Lawson.)
Lawson, Walter E. (See Cook, M. A., Davis, and Lawson.)
Lawton, Chester S., Ridgewood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Method and apparatus for determining topography of ocean bed. 2,194,947; Mar. 26.
Lawton, Chester S., Ridgewood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Apparatus for laying submarine cables. 2,202,156; May 28.
Lawton, Howard C. (See Bent, F. A., Loomis, and Lawton.)
Lawton, Howard C. (See Byck, H. T., Freeland, and Lawton.)
Lawton, Howard C. (See de Simo, M., Lawton, and Loomis.)
Lawton, Howard C. (See Limerick, D. A., and Lawton.)
Lawton, Howard C., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Sealing off porous formations. 2,208,766; July 23.
Lawton, Howard C., and A. G. Loomis, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Treating oil and gas wells. 2,204,223; June 11.
Lawton, Joseph E., Washington, D. C. Navigational protractor. 2,210,814; Aug. 6.
Lawyer, Ira B. (See Ernst, W., and Lawyer.)
Lawyer, Ira B., Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Injection chamber with fluid heat transfer medium. 2,198,703; Apr. 30.
Laxo, Ed, Riverside, Ill., assignor to Illinois Can Company. Can body transfer conveyer. 2,207,349; July 9.
Lay, Charles H., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,217,909; Oct. 15.
Lay, Charles H., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,224,401; Dec. 10.
Lay, Mae C., et al., executors. (See Ernst, Charles K.)
Lay, Roy L., assignor of one-third to W. J. Kellogg, and one-third to I. W. Reed, Rocky Ford, Colo. Manufacturing sugar. 2,214,281; Sept. 10.
Layer, August R. (See Gotterba, C. E., and Layer.)
Layne and Bowler, Incorporated. (See Fabrin, Axel O., assignor.)
Layne and Bowler, Incorporated. (See Sinclair, John M., assignor.)
Layne, Leslie A. (See Block, H. C., and Layne.)
Layne, Leslie A., Houston, Tex., assignor to The Texas Company. Treating wells. 2,205,421; June 25.
Layne, Leslie A., Houston, Tex., assignor to The Texas Company. Forming a gravel pack in a well bore. 2,205,422; June 25.
Layne, Leslie A., Houston, Tex., assignor to The Texas Company. Method of and apparatus for graveling wells. 2,213,962; Sept. 10.
Layne, Leslie A., Houston, Tex., assignor to The Texas Company. Screen and gravel washing device and method. 2,213,987; Sept. 10.
Layne, Leslie A., Houston, Tex., assignor to The Texas Company. Means and method of graveling wells. 2,216,037; Sept. 24.
Layne, Leslie A., Houston, Tex., assignor to The Texas Company, New York, N. Y. Gravel dump bucket and method. 2,216,038; Sept. 24.
Layne, Leslie A., Houston, Tex., assignor to The Texas Company. Apparatus and method of graveling wells. 2,223,374; Dec. 3.
Layson, William G., Jr. (See Stevens, F. J., and Layson.)
Laythorpe, Annie E., administratrix. (See Laythorpe, Frank A.)
Laythorpe, Frank A., deceased, by A. E. Laythorpe, administratrix, assignor to L. V. B. Compressors Limited, Romford, England. Pump, compressor, and similar machines. 2,193,177; Mar. 12.
Laythorpe, Frank A., deceased, by A. E. Laythorpe, administratrix, assignor to L. V. B. Compressors Limited, Romford, England. Rotary internal combustion engine. 2,193,178; Mar. 12.
Layton, Robert K., Chicago, Ill. Individual pie cut container. 2,220,110; Nov. 5.
Lazar, Arthur. (See McCormick, T. F., and Lazar.)
Lazar, Arthur, Associated, assignor, by mesne assignments to Tide Water Associated Oil Company, San Francisco, Calif. Emulsifiable substitute resin oils. 2,186,248; Jan. 9.
Lazar, Arthur, Berkeley, assignor to Tide Water Associated Oil Company, San Francisco, Calif. Extract containing unsaturated and aromatic hydrocarbons. 2,220,531; Nov. 5.
Lazar, Arthur, Berkeley, and L. S. Galstaun, assignors to Tide Water Associated Oil Company, San Francisco, Calif. Recovering organic acids. 2,186,249; Jan. 9.
Lazar, Arthur, and P. M. Ruedrich, Berkeley, assignors to Tide Water Associated Oil Company, San Francisco, Calif. Preparation of sulphonic acids. 2,218,174; Oct. 15.
Lazarides, Platon, New York, N. Y. Pipe clamp. 2,193,426; Mar. 12.
Lazarides, Platon, New York, N. Y. Producing wall brackets or holdfasts. 2,199,436; May 7.
Lazenby, F. A., & Company. (See Widman, William F., assignor.)
Lazich, Branko, Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,198,704; Apr. 30.
Lazich, Branko, Penn Township, Allegheny County, and H. E. Ashworth, Wilkinsburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Time measuring apparatus. 2,193,905; Mar. 19.
Lazier, Wilbur A. (See Arnold, H. R., and Lazier.)
Lazier, Wilbur A. (See Deem, A. G., and Lazier.)
Lazier, Wilbur A., New Castle, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic formation of long-chain aldehydes. Re. 21,373; Feb. 27.
Lazier, Wilbur A., New Castle County, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic hydrogenation of carboxylic acid substances to amines. 2,223,303; Nov. 26.
Lazier, Wilbur A., New Castle County, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of polyamides. 2,223,304; Nov. 26.
Lazier, Wilbur A., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenating amides and imides to amines. 2,187,745; Jan. 23.
Lazier, Wilbur A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vapor phase catalytic hydrogenation of adiponitrile. 2,200,282; May 14.
Lazier, Wilbur A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic hydrogenation of higher aliphatic nitriles. 2,225,059; Dec. 17.
Lazier, Wilbur A., New Castle County, and F. K. Signaigo, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic hydrogenation of aromatic compounds containing an oxygen-sulphur group. 2,221,804; Nov. 19.
Lazow, Morris, Brooklyn, N. Y. Handle supporting mechanism. 2,187,610; Jan. 16.
Lea, George W., La Rivere, Manitoba, Canada. Windmill. 2,224,851; Dec. 17.
Leach, Bennett O., Westmoreland, Calif. Reversible disk plow. 2,202,348; May 28.
Leach, Ernest C., West Peabody, assignor to Lynn Products Company, Lynn, Mass. Wick for distillate burners. 2,190,519; Feb. 13.
Leach, John E. (See Argabrite, G. M., Stout, and Leach.)
Leach, Robert W., Newport, England. Cock or valve. 2,190,602; Feb. 13.
Leach, Robert W., Newport, England. Valve for controlling fluids. 2,192,835; Mar. 5.
Leadbetter, Ralph L., Wheaton, assignor, by mesne assignments, to Burgess Battery Company, Chicago, Ill. Surge filter for pulsating gases. 2,189,423; Feb. 6.
Leadbetter, Ralph L., Wheaton, assignor, by mesne assignments, to Burgess Battery Company, Chicago, Ill. Surge filter for pulsating gases. 2,189,424; Feb. 6.
Leadbetter, Ralph L., Wheaton, assignor, by mesne assignments, to Burgess Battery Company, Chicago, Ill. Surge filter for pulsating gases. 2,189,425; Feb. 6.
Leaf, Carl H., Luck, Wis., assignor to Land O'Lakes Creameries, Inc., Minneapolis, Minn. Machine and method for cooling powdered products. 2,202,498; May 28.
Leafe, Carl L., assignor to Norton Company, Worcester, Mass. Pulpstone. 2,201,734; May 21.
Leafe, Carl L., Hamilton, Ontario, Canada, assignor to Norton Company, Worcester, Mass. Pulpstone. 2,205,296; June 18.
Leahey, Thomas F., Poughkeepsie, N. Y. Egg separator. 2,212,502; Aug. 27.
Leake, Huge M., Cambridge, England. Seed distributor for seed drills. 2,210,086; Aug. 6.
Leake, Jno. E. (See Jones, Spurgeon, assignor.)
Leal, Hugh, Windsor, Ontario, Canada, assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Machine and method for manufacturing reinforced fabric. 2,218,758; Oct. 22.
Leaman, Kenneth F., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Drill guide. 2,198,288; Apr. 23.

Leaming, Silas T., Richmond, Va., assignor of one-third to A. E. Call, Washington, D. C. Visible data system. 2,226,976; Dec. 31.
Lear, Charles T. (See Alward, G. L., and Lear.)
Lear, Earl B., Garfield Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Fastener. 2,205,569; June 25.
Lear, Earl B., Garfield Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Fluid actuated tool. 2,221,100; Nov. 12.
Lear, Joseph D., Buffalo, N. Y., assignor to Martin & Schwartz, Inc., Salisbury, Md. Gasoline dispensing apparatus. 2,211,699; Aug. 13.
Lear, Joseph D., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Refrigerant distributor. 2,222,216; Nov. 19.
Lear, Joseph D., Buffalo, N. Y., assignor, by mesne assignments, to Martin & Schwartz, Inc. Apparatus for pumping and separating gas and liquid bodies. 2,223,112; Nov. 26.
Lear, Joseph D., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Oil radiator. 2,223,662; Dec. 3.
Lear, William P. (See Nulsen, M. E., Yoder, and Lear.)
Leary, Earl R., West Scarboro, Maine. Flexible template. 2,187,087; Jan. 16.
Leary, James W. (See Gwinn, G. W., and Leary.)
Leary, James W., Bloomfield, N. J., assignor to American Machine & Foundry Company. Former for cigarette machines. 2,190,032; Feb. 13.
Leary, James W., Bloomfield, N. J., assignor to American Machine & Foundry Company. Cigarette tipping device. 2,204,369; June 11.
Leary, James W., Bloomfield, N. J., assignor to American Machine & Foundry Company. Cigarette catcher. 2,224,735; Dec. 10.
Leas, Paul A., Springfield, Ill. Coal stoker. 2,195,278; Mar. 26.
Leathem, Thomas H., Sr., Ennis, Tex. Valve-in-piston controlling device. 2,220,339; Nov. 5.
Leather, Ward, Haworth, N. J., assignor to R. B. Small, New Rochelle, N. Y. Bag emptying device for vacuum cleaners. 2,224,093; Dec. 3.
Leatherman, Clarence M., Coldwater, assignor of one-half to C. H. Derrickson, Bronson, Mich. Concrete forming machine. 2,204,021; June 11.
Leatherman, Martin, Hyattsville, Md.; dedicated to the free use of the People of the United States of America. Soil adjuvant. 2,187,532; Jan. 16.
Leatherman, Martin, Hyattsville, Md., dedicated to the free use of the People in the Territory of the United States. Plant propagating pot. 2,202,664; May 28.
Leatherman, Martin, Hyattsville, Md., dedicated to the free use of the People of the United States of America. Making synthetic manure. 2,218,695; Oct. 22.
Leathers, Ward, Haworth, N. J., assignor to Quadrex Corporation, New York, N. Y. Push-broom-type vacuum cleaner. 2,187,164; Jan. 16.
Leathers, Ward, Haworth, N. J., assignor to Quadrex Corporation, New York, N. Y. Thread picker for vacuum-cleaner nozzles. 2,190,329; Feb. 13.
Leathers, Ward, Haworth, N. J., assignor to Quadrex Corporation, New York, N. Y. Hose caster bracket for vacuum cleaners. 2,192,356; Mar. 5.
Leathers, Ward, Haworth, N. J., assignor to Quadrex Corporation, New York, N. Y. Vacuum cleaner. 2,192,357; Mar. 5.
Leathers, Ward, assignor to Quadrex Corporation, New York, N. Y. Push-broom-type vacuum cleaner. 2,210,724; Aug. 6.
Leavelle, A. B. (See Stannard, Benjamin F., assignor.)
Leavenworth, Frank G., Oak Park, assignor, by mesne assignments, to Packers Machinery Company, Chicago, Ill. Apparatus for measuring intestines. 2,187,790; Jan. 23.
Leavenworth, Frank G., Oak Park, assignor, by mesne assignments, to Packers Machinery Company, Chicago, Ill. Distributing apparatus for intestines. 2,200,960; May 14.
Leaverton, Edgar B. (See Crane, Samuel G., assignor.)
Leavitt, Benjamin D. (See Roberts, Clarence, assignor.)
Leavitt, Charles C., Carmel, Calif. Pressure control for waffle irons. 2,211,900; Aug. 20.
Leavitt, Henry W., Ogden, Utah. Light projecting machine. 2,224,686; Dec. 10.
Leavitt, Roger P., and J. S. Beggs, assignors to Eastman Kodak Company, Rochester, N. Y. Lens hood. 2,186,610; Jan. 9.
Lebanon Paper Box Company. (See Buser, John A., assignor.)
Le Beau, Ernest A., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway brake gear structure. 2,205,211; June 18.
Le Beau, Henry C., Jr., assignor to The Ohio Injector Company, Wadsworth, Ohio. Applying seat rings to valve bodies and valve bodies produced thereby. 2,221,921; Nov. 19.
Lebedeff, Yurii E. (See Betterton, J. O., and Lebedeff.)
Lebedeff, Yurii E. (See Betterton, J. O., Lebedeff, and Wilkes.)
Le Bel, Clarence J., New York, N. Y. Compensating network. 2,218,399; Oct. 15.
Le Bel, Clarence J., New York, N. Y. Equalizer. 2,218,400; Oct. 15.
Lebelle, Jean, assignor to Procédés Techniques de Construction, Paris, France. Method and means for producing concrete structures. 2,225,015; Dec. 17.
Leber, Alois, Vienna, Germany. Optical exposure meter. 2,195,748; Apr. 2.
Lebküchner, Karl. (See Vontobel, J., and Lebküchner.)
Lebküchner, Karl, Granichen, assignor to the firm Injecta Aktiengesellschaft, Teufenthal, Canton of Argovie, Switzerland. Machine for die casting under pressure. 2,201,906; May 21.
Leblanc, Henri, Senneterre, Quebec, assignor of twenty per cent to C. Lallier, and twenty per cent to E. Lallier, Montreal, Quebec, and twenty per cent to C. Langevin, and twenty per cent to J. Bilodeau, Senneterre, Quebec, Canada. Reinforcement for wooden heels. 2,197,108; Apr. 16.
Le Bland, R. K., Machine Tool Company, The. (See Grone, W. F., and Siekmann, assignors.)
Le Bleu, Charles, Los Angeles, Calif. Trail builder, bull dozer, and the like. 2,187,072; Jan. 16.
Le Bleu, Charles, Los Angeles, Calif. Tandem disk earth-working implement. 2,204,684; June 18.
Le Bleu, Charles, Los Angeles, Calif. Scraper. 2,207,016; July 9.
Le Bleu, Charles, Los Angeles, Calif. Scraper. 2,212,713; Aug. 27.
Le Bleu, Charles, Los Angeles, Calif. Scraper. 2,223,829; Dec. 3.
Le Bleu, Charles, Los Angeles, Calif. Scraper. 2,224,438; Dec. 10.
Le Blond, R. K., Machine Tool Company, The. (See Groene, William F., assignor.)
Le Blond, R. K., Machine Tool Company, The. (See Groene, William F. and W. L., assignors.)
Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Aufderhar, assignors.)
Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Kemper, assignors.)
Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., Kemper, and Darby, assignors.)
Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Meyer, assignors.)
Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Siekmann, assignors.)
Le Blond, R. K., Machine Tool Company, The. (See Le Blond, R. K., and Groene, assignors.)
Le Blond, R. K., Machine Tool Company, The. (See Pierle, H. C., and Groene, assignors.)
Le Blond, Richard K., and W. F. Groene, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Lathe headstock. 2,197,893; Apr. 23.
Le Boiteux, Henri J. (See Clavier, A. G., Gloess and Le Boiteux.)
Le Brocq, Laurence F. (See Sutton, H., and Le Brocq.)
Le Bus, George F., Longview, Tex. Shaft bearing. 2,191,890; Feb. 27.
Le Bus, George F., Longview, Tex. Cable and rope winding device. 2,204,938; June 18.
Le Bus, George F., Longview, Tex. Removable end filler for cable winding devices. 2,216,819; Oct. 8.
Le Bus, John E., Electra, assignor to D. Erickson, Wichita Falls, Tex. Combination elevator and wrench. 2,190,547; Feb. 13.
Lebus, William A. (See Polko, P. P., and Lebus.)
Le Carbone Co. (See Portail, Fernand C. F.)
Lecher, Hans Z., Plainfield, and R. C. Conn, Bound Brook, N. J., assignors, by mesne assignments, to American Cyanamid Company, New York, N. Y. Separation of aromatic amines from iron sludge. 2,187,820; Jan. 23.
Lecher, Hans Z., Plainfield, and M. Scalera, Somerville, N. J., assignors, by mesne assignments, to American Cyanamid Company, New York, N. Y. Solution of alkali metal salts of phenols. 2,193,336; Mar. 12.
Lecher, Hans Z., Plainfield, R. P. Parker, Somerville, and H. P. Orem, North Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Diazo derivatives of guanidyl carboxylic acids. 2,199,003; Apr. 30.
Lecher, Hans Z., Plainfield, F. H. Adams, Somerville, and H. P. Orem, North Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Diazo derivatives of cyclic guanidyl sulphonic acids. 2,200,926; May 14.
Lecher, Hans Z., Plainfield, and A. E. Pierce, Bound Brook, N. J., assignors, by mesne assignments, to American Cyanamid Company, New York, N. Y. Preparation of guanyl-urea-N-sulphonic acid. 2,202,212; May 28.
Lecher, Hans Z., Plainfield, R. P. Parker, Somerville, and H. P. Orem, North Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Ice color producing composition. 2,205,663; June 25.
Lecher, Hans Z., Plainfield, F. H. Adams, Somerville, and H. P. Orem, North Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Stable ice color producing composition. 2,205,795; June 25.
Lecher, Hans Z., Plainfield, F. H. Adams, Somerville, and H. P. Orem, North Plainfield, N. J., assignors to American Cyamid Company, New York, N. Y. Stable ice color producing composition. 2,205,796; June 25.
Lecher, Hans Z., Plainfield, and R. P. Parker, Somerville, N. J., assignors, by mesne assignments, to American Cyanamid Company, New York, N. Y. Stable solution for producing ice colors. 2,214,559; Sept. 10.

Lechleitner, Aloysius E., assignor to Eastman Kodak Company, Rochester, N. Y. Control arrangement for magazine cameras. 2,211,334; Aug. 13.
Lechleitner, Aloysius E., and L. R. Martin, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic apparatus. 2,203,655; June 4.
Lechner, Katharina, Vienna, Germany. Combination lock. 2,195,574; Apr. 2.
Leckrone, Roy J., Mount Lebanon, Pa., assignor to Continental Roll & Steel Foundry Company. Feeder and catcher table mechanism. 2,203,733; June 11.
Leclanché, S. A. (See Rossetti, Carlo, assignor.)
Le Clarick, Mike, Pittsburgh, Pa. Blast furnace. 2,195,866; Apr. 2.
Le Clercq, Raymond G., and R. H. Rector, assignors to Pacific Hard Rubber Co., Los Angeles, Calif. Combination cover and venting cap for storage batteries. 2,219,134; Oct. 22.
Le Compte, John B. (See Le Compte, John M. and J. B.)
Le Compte, John M. and J. B., North Attleboro, Mass. Racket. 2,220,935; Nov. 12.
Le Coq, Martha W., New York, N. Y. Dress pattern. 2,214,794; Sept. 17.
Lecorguillier, Jean, Suresnes, France, assignor to General Electric Company. Electric gaseous discharge device. 2,212,881; Aug. 27.
Lecorguillier, Jean, Suresnes, assignor to Société Anonyme Pour Les Applications de L'Electricite et des Gaz Rares, Etablissements Claude-Paz & Silva, Paris, France. Gas or vapor electric discharge device. 2,226,171; Dec. 24.
Lecoultre, Edgard, assignor to Hermann Thoreno Societe Anonyme, Sainte-Croix, Switzerland. Centrifugal speed governor. 2,214,304; Sept. 10.
Le Croy, Sylvester A., Baton Rouge, La., assignor to Standard Oil Development Company. Purification of gases. 2,205,122; June 18.
Lectrolite Corporation. (See Schlosser, Harold L., assignor.)
Ledbetter, Jerry T. (See Reynolds, J. M., Newton, and Ledbetter.)
Ledbetter, Jerry T., Compton, assignor to Union Oil Company of California, Los Angeles, Calif. Testing drilling fluid. 2,217,175; Oct. 8.
Lederer, Anton, deceased, Vienna, Austria; C. Danzer and General C. Randa, executors, assignors, by mesne assignments, to General Electric Company. Electric glow discharge tube. 2,213,182; Aug. 27.
Lederer, Anton, deceased, Vienna, Austria; C. Danzer and General C. Randa, executors, assignors, by mesne assignments, to General Electric Company. Electric rare gas lighting tube. 2,213,183; Aug. 27.
Lederer, Ernest A., Essex Fells, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Metal compositions. 2,185,410; Jan. 2.
Lederer, Ernest A., Essex Fells, N. J., assignor to Radio Corporation of America. Radio tube manufacture. 2,206,509; July 2.
Lederer, Karl M., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electrical measuring instrument. 2,221,643; Nov. 12.
Lederer, S. & B. Company. (See Davis, Willard A., assignor.)
Ledig, Karl K., deceased, by F. Voigt, executor, assignor to American Platinum Works, Newark, N. J. Attaching tips to pen nibs. 2,223,730; Dec. 3.
Ledig, Willy. (See Trebbin, G., Ledig, and Helwig.)
Ledig, Willy, Berlin-Lichtenrade, G. Trebbin, Berlin-Spandau, and H. Seffert, Berlin, Germany, assignors to General Electric Company. Lamp terminal structure and manufacture. 2,216,247; Oct. 1.
Ledin, Charles. (See Golden, A. H., and Ledin.)
Ledin, Charles, assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock. 2,226,499; Dec. 24.
Ledinegg, Maximilian, Mahrisch-Ostrau, Czechoslovakia. High pressure steam generator. 2,198,778; Apr. 30.
Ledrich, Robert, Cuyahoga Falls, Ohio. Floating fishing line. 2,215,760; Sept. 24.
Leduc, Henri A. (See Dufour, R. A., and Leduc.)
Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle underframe construction. 2,188,879; Jan. 30.
Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle. 2,197,727; Apr. 16.
Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Combined body and chassis underframe. 2,202,859; June 4.
Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body structure and method of assembly. 2,205,797; June 25.
Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Combined body and chassis structure. 2,216,120; Oct. 1.
Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Flexible support. 2,216,715; Oct. 1.
Ledwinka, Joseph, and J. W. Kelly, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Combined body and chassis underframe. 2,188,267; Jan. 23.
Lee, Albert D., Lodi, Calif. Refillable typewriter eraser. 2,207,296; July 9.
Lee, Albert P., assignor, by mesne assignments, to City National Bank and Trust Company of Chicago, Chicago, Ill. Duplicating machine. 2,212,347; Aug. 20.
Lee, Bernard S. (See Pickford, G., and Lee.)
Lee, Clarence B. (See Paul, J. E., and Lee.)
Lee, Don, Broadcasting System. (See Lubcke, Harry R., assignor.)
Lee, Donald D. (See Levine, I. E., and Lee.)
Lee, Donald D., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Thermosetting resin reaction product of furfural with an oxynaphthenic acid. 2,207,624; July 9.
Lee, Edward, Dallas, Tex. Cotton compress. 2,219,709; Oct. 29.
Lee, Edward C. (See Wallace, D. A., and Lee.)
Lee, Elizabeth K. (See Lee, Harley C. and E. K.)
Lee Engineering Research Corporation. (See Lee, Royal, assignor.)
Lee, Frank H., Jr., Ridgefield, assignor to The Frank H. Lee Company, Danbury, Conn. Hat construction. 2,226,133; Dec. 24.
Lee, Frank H., Company, The. (See Kane, John E., assignor.)
Lee, Frank H., Company, The. (See Lee, Frank H., Jr., assignor.)
Lee, Frederick W. M., Coventry, England. Measuring gauge. 2,199,052; Apr. 30.
Lee, George W., Willow Springs, N. C. Flow. 2,226,665; Dec. 31.
Lee, Halfdan, executor. (See Lee, Leif.)
Lee, Harley C. and E. K., Columbus, assignors, by mesne assignments, to Basic Dolomite, Inc., Cleveland, Ohio. Preparation of magnesium compounds. 2,215,966; Sept. 24.
Lee, Harold E., and B. R. Muir, assignors to Bunker Hill & Sullivan Mining & Concentrating Company, Kellogg, Idaho. Extracting silver from ores, concentrates, or other materials. 2,197,272; Apr. 16.
Lee, Harold E., and B. R. Muir, assignors to Bunker Hill & Sullivan Mining & Concentrating Company, Kellogg, Idaho. Process for the precipitation of materials from solution. 2,204,898; June 18.
Lee, Harry. (See Müller, R., and Lee.)
Lee, Harry F., Springfield, Ohio. Pork side stretcher. 2,217,844; Oct. 15.
Lee, Henry B., assignor to The Ludlow Valve Manufacturing Co., Inc., Troy, N. Y. Valve. 2,219,324; Oct. 29.
Lee, James E., Grand Haven, Mich., and F. Barney, Spring Lake, assignors to The Challenge Machinery Company, Grand Haven, Mich. Side guide for paper drilling machines. 2,215,009; Sept. 17.
Lee, James W., Mexico, Mo. Pan lifter. 2,220,416; Nov. 5.
Lee, James W., and F. Barney, Grand Haven, assignors to The Challenge Machinery Company, Grand Haven, Mich. Paper drilling machine. 2,213,674; Sept. 3.
Lee, John D., Jr. (See Touceda, E. G., and Lee.)
Lee, John G., Farmington, Conn. Building block. 2,202,956; June 4.
Lee, John J., Los Angeles, Calif. Exercising and stretching device. 2,189,145; Feb. 6.
Lee, Joseph, Boston, Mass. Boat. 2,224,482; Dec. 10.
Lee, Leffman H., Bellevue, and J. M. Guthrie, Pittsburgh, Pa., assignors to Line Material Company. Insulator. 2,191,171; Feb. 20.
Lee, Leif, Youngstown, Ohio; H. Lee, executor of the Estate of said L. Lee, deceased. 2,194,025; Mar. 19.
Lee, Marvin, Rye, N. Y., assignor to Burndy Engineering Co. Inc. Insulated live line tap-off connector. 2,196,964; Apr. 9.
Lee, Marvin, Rye, N. Y., assignor to Burndy Engineering Co. Inc. Conductor supporting base clamp. 2,197,728; Apr. 16.
Lee, Marvin, Rye, N. Y., assignor to Burndy Engineering Co. Inc. Vise type electrical connector. 2,204,899; June 18.
Lee, Marvin, Rye, and J. Rogoff, New York, N. Y., assignors to Burndy Engineering Co., Inc. Connector with washer cap. 2,188,135; Jan. 23.
Lee, Moses G., Cuthbert, Ga. Ventilating building structure. 2,200,031; May 7.
Lee, Nixon, Forest Hills, N. Y. Measuring device. 2,221,978; Nov. 19.
Lee, Paul F. (See Small, L. F., Lee, and Jennings.)
Lee, Paul R., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermostat. 2,199,638; May 7.
Lee, Paul R., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Manual reset thermostat. 2,210,677; Aug. 6.
Lee, Paul R., and E. K. Clark, Mansfield, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Load limiting means for an electrical system. 2,199,639; May 7.
Lee, Robert E., Coleman, assignor of fifty per cent to J. H. Reynolds, Cisco, Tex. Measuring the inherent terrestrial magnetism of the earth's crust. 2,196,314; Apr. 9.
Lee, Robert E., Coleman, assignor of fifty per cent to J. H. Reynolds, Cisco, Tex. Apparatus for earth boring. 2,224,439; Dec. 10.
Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Motor mounting. 2,198,672; Apr. 30.

Lee, Roswell E., Miami, Fla., assignor to Lee's Tackle Manufacturing Corporation. Fishing pole tip. 2,226,295; Dec. 24.
Lee, Royal, assignor to Lee Engineering Research Corporation, Milwaukee, Wis. Electric current converter. 2,192,709; Mar. 5.
Lee, Tom, et al. (See Workman, James, assignor.)
Lee, William H., Los Angeles, Calif. Milling attachment for machine tools. 2,203,162; June 4.
Lee, William M., assignor to The Kelley-Koett Manufacturing Company, Incorporated, Covington, Ky. X-ray apparatus and control. 2,193,071; Mar. 12.
Lee Wilson Sales Corporation. (See Woodson, James C., assignor.)
Leech, Francis B. (See Grosse, William M., assignor.)
Leech, Kenneth H. (See Kershaw, A. G., and Leech.)
Leech, Thomas B., Narberth, assignor to Alcorn Combustion Company, Philadelphia, Pa. Vapor-phase treatment of petroleum. 2,204,685; June 18.
Leedal Products, Inc. (See Ruppert, Henry, assignor.)
Leeds, Laurance M., Schenectady, N. Y., assignor to General Electric Company. Transmission apparatus. 2,202,699; May 28.
Leeds, Laurance M., Scotia, N. Y., assignor to General Electric Company. Transmission apparatus. 2,202,700; May 28.
Leeds & Northrup Company. (See Peters, Jacob C., assignor.)
Leeds & Northrup Company. (See Tarpley, Raymond E., assignor.)
Leeds, Winthrop M., Wilkinsburg, Pa., E. Ortensi, Bergamo, Italy, and B. P. Baker, Turtle Creek, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breakers. 2,196,419; Apr. 9.
Leeds, Winthrop M., Wilkinsburg, Pa., and E. Ortensi, Bergamo, Italy, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,214,620; Sept. 10.
Leedy, John S., Adrian, Mich. Mixing apparatus. 2,191,830; Feb. 27.
Leegard, Clifford W., Fort Wayne, Ind., assignor to General Electric Company. Refrigerating system. 2,195,990; Apr. 2.
Leemans, Joseph P., assignor to Société Générale Métallurgique de Hoboken, Hoboken-lez-Anvers, Belgium. Treatment of materials containing tantalum and niobium. 2,198,914; Apr. 30.
Leemhuis, Johannes C. P., Los Angeles, Calif. Roof structure. 2,210,941; Aug. 13.
Leemhuis, Johannes C. P., Los Angeles, Calif., assignor, by mesne assignments, to E. J. Donaldson, Johannesburg, Union of South Africa. Building material and method. 2,208,589; July 23.
Leemhuis, Johannes C. P., Los Angeles, Calif., assignor, by mesne assignments, to E. J. Donaldson, Johannesburg, Transvaal, Union of South Africa. Take-off wall. 2,210,940; Aug. 13.
Leendertse, Jacob J. (See Waterman, Hein I., Leendertse, and de Kok.)
Leeper, Eugene P., Bristol, Pa. Hotbed frame. 2,223,996; Dec. 3.
Leermakers, John A., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,221,805; Nov. 19.
Leermakers, John A., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,222,262; Nov. 19.
Lees-Bradner Company, The. (See Hawgood, Harvey R., assignor.)
Lees-Bradner Company, The. (See Schurr, Charles H., assignor.)
Lees, Ernest J., deceased; M. P. Lees, executrix, Shaker Heights, assignor to The National Tool Company, Cleveland, Ohio. Hob cutting machine. 2,206,465; July 2.
Lees, Howard R., Wauwatosa, Wis. Furnace appliance. 2,190,877; Feb. 20.
Lees, Margaret P., executrix. (See Lees, Ernest J.)
Lee's Tackle Manufacturing Corporation. (See Lee, Roswell E., assignor.)
Lee-Tex Rubber Products Corporation. (See Krueger, Elmer E., assignor.)
Lefavour, John W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Last. 2,226,775; Dec. 31.
Lefebure, Victor, London, England, assignor to Imperial Chemical Industries Limited. Covering or finish. 2,205,423; June 25.
Lefebvre, Aime, Montreal, Quebec, Canada. Fishing rod support. 2,211,278; Aug. 13.
Lefebvre, Alde, assignor of one-half to Philip G. Steindler, New York, N. Y. Ignition system for internal combustion engines. 2,215,106; Sept. 17.
Lefever, Charles F., assignor to Daisy Manufacturing Company, Plymouth, Mich. Double barrel spring air gun. 2,196,732; Apr. 9.
Lefever, Charles F., assignor to Daisy Manufacturing Company, Plymouth, Mich. Piston for air guns. 2,204,370; June 11.
Lefever, Charles F., assignor to Daisy Manufacturing Company, Plymouth, Mich. Toy gun. 2,213,318; Sept. 3.
Lefever, Charles F., assignor to Daisy Manufacturing Company, Plymouth, Mich. Adjustable gun sight. 2,215,513; Sept. 24.
Lefever, Charles F., assignor to Daisy Manufacturing Company, Plymouth, Mich. Toy gun. 2,226,620; Dec. 31.
Le Fevre, Arden W. (See Norman, H. M., Farr, Coxon, Paul, and Le Fevre.)
Le Fevre, Arden W., assignor to Stewart-Warner Corporation, Chicago, Ill. Automobile heater. 2,223,178; Nov. 26.
Lefevre, Emil B. G., Detroit, Mich. Hinge construction. 2,211,663; Aug. 13.
Lefevre, Lorin, Great Falls, Mont., Machine for aerating water. 2,187,746; Jan. 23.
Le Fevre, Walter J. (See Britton, E. C., Marshall, and Le Fevre.)
Leffer, Friedrich W., Kenton-Harrow, England, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,203,829; June 11.
Leffler, Marlin T., Lake Bluff, assignor to Abbott Laboratories, North Chicago, Ill. Aralkyl morpholines. 2,213,469; Sept. 3.
Lefkowitz, Emanuel, Carteret, N. J. Locking device. 2,221,101; Nov. 12.
Lefkowitz, Morris. (See Page, W., and Lefkowitz.)
Leftwich, K. D. (See Gragg, Ralph M., assignor.)
Legat, Robert C., assignor to G. E. Prentice Manufacturing Company, New Britain, Conn. Apparatus for and method of making fasteners. 2,198,345; Apr. 23.
Legat, Robert C., assignor to The G. E. Prentice Mfg. Co., New Britain, Conn. Slider for separable fasteners. 2,224,082; Dec. 3.
Legatski, Harold R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Absorbent cooling system. 2,204,042; June 11.
Le Gault, Elzear J., Haverhill, assignor to Bestco Shoe Machinery Inc., Ipswich, Mass. Upper roughing machine. 2,185,638; Jan. 2.
Le Gault, Elzear J., Haverhill, assignor to Bestco Shoe Machinery Inc., Ipswich, Mass. Sole cementer. 2,195,333; Mar. 26.
Legault, Romeo R. (See Khatasch, M. S., and Legault.)
Legeler, Eberhard, Premnitz, Westhavelland, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of carbon disulphide. 2,200,475; May 14.
Le Geu, Marinus C., Hamburg, Germany, assignor to A. P. Schat, Utrecht, Netherlands. Luffing davit. 2,202,457; May 28.
Legg, David A., Terre Haute, and H. R. Stiles, St. Mary-of-The-Woods, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Regulation of hydrogen ion concentration by means of calcium salts of fermentable organic acids. 2,223,788; Dec. 3.
Legg, Walter T., Electric Mills, Miss. Fishing rod holder. 2,200,183; May 7.
Leggett, Guy O., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Coin slide device. 2,212,714; Aug. 27.
Leggett and Platt Spring Bed and Manufacturing Company. (See Hickman, Harold, assignor.)
Leggitt, Ira S., Oblong, Ill. Coaster. 2,198,942; Apr. 30.
Le Gloahec, Victor C. E., Rockland, Maine, and J. R. Herter, assignors to Algin Corporation of America, New York, N. Y. Removal and recovery of laminarine from seaweed. 2,188,092; Jan. 23.
Le Gorre, Jean, Philadelphia, Pa. Connecting branch and main pipes. 2,225,701; Dec. 24.
Legorreta, Luis G. (See Gossmann, Mathias, assignor.)
Legowsky, Harold, and C. Menzies, Detroit, Mich. Safety inner tube or tire. 2,223,007; Nov. 26.
Legro, Raymond P., Swampscott, and G. O'Gorman, Boston, Mass., assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Supplying liquid to fastening-inserting machines. 2,216,121; Oct. 1.
Le Guillou, Yves C., New York, N. Y. Ball retriever and the like. 2,218,825; Oct. 22.
Le Guillou, Yves C., New York, N. Y. Ball and the like. 2,219,074; Oct. 22.
Lehde, Henry, Brooklyn, N. Y. Garment trimming machine. 2,192,446; Mar. 5.
Leheny, Richard J., Danbury, Conn. Base for stand-type appliances. 2,224,266; Dec. 10.
Lehigh Structural Steel Company. (See Taylor, Frank H., assignor.)
Lehman, Charles L., Edmonton, Alberta, Canada. Container attachment. 2,205,726; June 25.
Lehman, Edward G., assignor to York Ice Machinery Corporation, York, Pa. Finned tube. 2,189,652; Feb. 6
Lehman, Edward G., assignor to York Ice Machinery Corporation, York, Pa. Baudelot water cooler. 2,200,426; May 14.
Lehman, Edward H., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,196,315; Apr. 9.
Lehman, Elmer, Ripon, Wis. Automatic cover lift. 2,195,033; Mar. 26.
Lehman, Frank B., Plainfield, N. J. Revolving reflector light. 2,200,067; May 7.
Lehman, John R. (See Spiller, W. R., and Lehman.)
Lehman, Louis H., Philadelphia, Pa. Door frame and the like. 2,186,458; Jan. 9.

Lehman, Louis H., Philadelphia, Pa. Mounting for mirrors. 2,204,862; June 18.
Lehman, Werner, and C. E. Stiehl, assignor to Bucyrus-Eric Company, South Milwaukee, Wis. Dipper lip and associated teeth. 2,211,786; Aug. 20.
Lehmann, Erich, Priorau, Kreis Bitterfeld, Germany, assignor to General Aniline & Film Corporation. Dyeing pelts, hairs, or feathers. 2,212,608; Aug. 27.
Lehmann, Herbert, Hampstead, London, assignor to Riddell Products Limited, London, England. Inhalation apparatus. 2,202,701; May 28.
Lehmann, Herbert G., assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,224,033; Dec. 3.
Lehmann, Herbert G., assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,224,034; Dec. 3.
Lehmann, J. M., Co. (See Hawkins, Albert E., assignor.)
Lehmann, J. M., Company. (See Hollstein, Paul, assignor.)
Lehmberg, William H., Sturbridge, assignor to American Optical Company, Southbridge, Mass. Respirator. 2,201,315; May 21.
Lehmberg, William H., Sturbridge, assignor to American Optical Company, Southbridge, Mass. Respirator. 2,216,619; Oct. 1.
Lehn, John U., assignor to Animal Trap Company of America, Lititz, Pa. Animal trap. 2,216,919; Oct. 8.
Lehn, John U., Lititz, and H. Drach, Lancaster, assignors to Animal Trap Company of America, Lititz, Pa. Animal trap. 2,216,918; Oct. 8.
Lehne, Theodor, Dallgow-Doberitz, Kreis Ost-Havelland, K. Schluckebier, Berlin-Siemensstadt, P. Thomas, Berlin-Wilmersdorf, and H. Wassmansdorff, Berlin-Spandau, assignors to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Air-space insulated conductor. 2,197,616; Apr. 16.
Lehnhard, Philip J., Jr., Tulsa, Okla., assignor to The Dow Chemical Company, Midland, Mich. Treating wells. 2,221,261; Nov. 12.
Lehon Company, The. (See Eichhorn, Frank G., assignor.)
Lehon Company, The. (See Leonard, Arthur G., Jr., assignor.)
Lehrfeld, Louis, Philadelphia, Pa. Lensless protective spectacles, goggles, and the like. 2,212,945; Aug. 27.
Lehrman, Nathan, Philadelphia, Pa. Padding for laundries and the like. 2,225,874; Dec. 24.
Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Direction finder compensator. 2,187,588; Jan. 16.
Leibig, Edward C., Wellsboro, Pa., and J. F. Hyde, assignors to Corning Glass Works, Corning, N. Y. Treating glass articles. 2,198,733; Apr. 30.
Leibing Automotive Devices, Inc. (See Leibing, William E., assignor.)
Leibing, William E., Detroit, Mich. Carburetor. 2,214,964; Sept. 17.
Leibing, William E., assignor to Leibing Automotive Devices, Inc., Detroit, Mich. Governor. 2,185,793; Jan. 2.
Leibing, William E., assignor to Leibing Automotive Devices, Inc., Detroit, Mich. Method and apparatus for operating internal combustion engines. 2,213,917; Sept. 3.
Leibing, William E., San Francisco, Calif., assignor to Leibing Automotive Devices, Incorporated, Detroit, Mich. Method and apparatus for operating internal combustion engines. 2,211,664; Aug. 13.
Leicester, Fred D., St. Helens, England, assignor to Imperial Chemical Industries Limited. Catalytic oxidation of carboniferous materials. 2,193,337; Mar. 12.
Leicester, William F., New York, N. Y. Wall sealing. 2,209,571; July 30.
Leich Electric Co. (See Reid, Alexander C., assignor.)
Leiendecker, John A., St. Louis, Mo., and J. A. Hyle, Chicago, Ill., assignors, by mesne assignments, to Champion Brake Corporation, Wilmington, Del. Hand brake mechanism for railway cars. 2,193,030; Mar. 12.
Leifer, Alfred, Berlin-Karlshorst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Arrangement for converting direct current into alternating current. 2,203,467; June 4.
Leifer, Alfred, Berlin-Karlshorst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Periodic direct current interrupter. 2,213,550; Sept. 3.
Leifer, Milo C., Jersey City, N. J., and E. H. Manvell, assignors to American Safety Razor Corporation, Brooklyn, N. Y. Magnetic hardness control device. 2,211,017; Aug. 13.
Leifur, Walter B., Minneapolis, Minn. Turn signal. 2,197,151; Apr. 16.
Leigh, Connie B., Los Angeles, Calif. Automatic lubricant injector for internal combustion engines. 2,204,277; June 11.
Leigh, Leighton, Fremont, assignor to Air Control Products, Inc., Muskegon, Mich. Wrench. 2,222,081; Nov. 19.
Leighton, George W., Los Angeles, Calif. Grading scale. 2,188,511; Jan. 30.
Leighton, John W., Port Huron, Mich. Suspension arm. 2,188,909; Feb. 6.
Leighton, John W., Port Huron, Mich. Independent springing. 2,188,910; Feb. 6.
Leighton, John W., Port Huron, Mich. Individual springing. 2,188,952; Feb. 6.
Leighton, John W., Port Huron, Mich. Arm for individual suspension. 2,189,651; Feb. 6.
Leighton, John W., Port Huron, Mich. Hydraulic brake cylinder. 2,190,719; Feb. 20.
Leighton, John W., Port Huron, Mich. Individual springing. 2,193,137; Mar. 12.
Leighton, John W., Port Huron, Mich. Radius rod. 2,196,702; Apr. 9.
Leighton, John W., Port Huron, Mich. Individual wheel suspension. 2,198,544; Apr. 23.
Leighton, John W., Port Huron, Mich. Wheel suspension. 2,207,465; July 9.
Leighton, John W., Port Huron, Mich. Universal connection. 2,215,967; Sept. 24.
Leighton, John W., Port Huron, Mich. Shackle. 2,216,203; Oct. 1.
Leighton, John W., Port Huron, Mich. Radius rod. 2,226,621; Dec. 31.
Leishman, Le Roy J., Los Angeles, Calif. Transmission for automatic tuners. 2,200,003; May 7.
Leishman, Le Roy J., Los Angeles, Calif. X-ray stereoscopic means and method. 2,214,621; Sept. 10.
Leiss, Franz. (See Berg, H., Heim, and Leiss.)
Leissler, Lee R. (See Brock, J. D., Leissler, and Warren.)
Leist, Norman A. (See Drain, J. A., Jr., and Leist.)
Leisy, Arthur A. (See Hitz, G. L., and Leisy.)
Leisy, Clifford J. (See Henrichsen, K., and Leisy.)
Leitch, John W., & Company. (See Everest, A. E., and Wallwork, assignors.)
Leiter, Harry H. (See Longfellow, Earl E., assignor.)
Leiter, Ralph W. E., and J. Winlock, assignors to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Passivation of stainless steel. 2,209,924; July 30.
Leithe, Wolfgang, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Recovery of high molecular weight carboxylic acids or their salts. 2,193,321; Mar. 12.
Leitz, Ernst, Jr., assignor to Ernst Leitz G. m. b. H., Wetzlar, Germany. Shutter mechanism. 2,192,500; Mar. 5.
Leitz, Ernst, Jr., and R. Noack, assignors to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Adjusting device for adjacent parts of machinery. 2,199,802; May 7.
Leitz, Ernst, G. m. b. H. (See Becker, H., Broschke, and Sänger, assignors.)
Leitz, Ernst, G. m. b. H. (See Berek, Max, assignor.)
Leitz, Ernst, G. m. b. H. (See Leitz, Ernst, Jr., assignor.)
Leitz, Ernst, G. m. b. H. (See Leitz, E., Jr., and Noack, assignors.)
Leitz, Ernst, G. m. b. H. (See Leitz, Ludwig, assignor.)
Leitz, Ernst, G. m. b. H. (See Leitz, L., and Albert, assignors.)
Leitz, Ernst, G. m. b. H. (See Meinhardt, Fritz assignor.)
Leitz, Ernst, G. m. b. H. (See Mulch, Hans, assignor.)
Leitz, Ernst, G. m. b. H. (See Stein, Willi, assignor.)
Leitz, Ernst, G. m. b. H. (See Zimmermann, Otto, assignor.)
Leitz, Ludwig, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Photoelectric exposure meter for cameras. 2,197,939; Apr. 23.
Leitz, Ludwig, and W. Albert, assignors to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Combined photographic camera and view finder. 2,191,281; Feb. 20.
Le Jeune, Frank H., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming vehicle wheel rims and the like. 2,185,347; Jan 2.
Le Jeune, Frank H., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming vehicle wheels. 2,188,477; Jan. 30.
Leland Electric Company, The. (See Leland, George H., assignor.)
Leland, George H., assignor to The Leland Electric Company, Dayton, Ohio. Thermal switch. 2,198,502; Apr. 23.
Leland, Ragnvald G., New York, N. Y. Hair treating device. 2,214,589; Sept. 10.
Leland Stanford Junior University, Board of Trustees, The. (See Hansen, W. W., and Varian, assignors.)
Leland Stanford Junior University, Board of Trustees, The. (See Webster, D. L., and Hansen.)
Lelong, Arthur D., Verona, N. J. Pad. 2,226,132; Dec. 24.
Lemaire, Jacques P., Lille, France. Anode for electrolyzers with vertical diaphragms. 2,222,979; Nov. 26.
Le Maire Tool and Manufacturing Company. (See Matchett, Mahlon M., assignor.)
Le Maire Tool and Manufacturing Company. (See Tweddell, Oscar G., assignor.)
Le Maistre, John W., H. H. Strickland, Jr., and J. C. Weaver, Jr., assignors to T. Swann, Birmingham, Ala. Preparation of paracresol. 2,225,564; Dec. 17.
Leman, Arthur L., and G. E. Nevill, Houston, Tex., assignors to The National Supply Company, Pittsburgh, Pa. Rotary drilling head. 2,222,082; Nov. 19.
Le Mat, Raoul, Stockholm, Sweden. Baseball glove. 2,200,204; May 7.
Lemerman, Raymond, Newark, N. J. Milk bottle carrier. 2,207,017; July 9.

Lemieux, Frank J., Rumford, R. I. Method of and jig for operating upon monotype mold. 2,192,407; Mar. 5.
Lemire, Joseph, assignor of fifty percent to N. Boisvert, Drummondville, Quebec, Canada. Burglar alarm. 2,191,926; Feb. 27.
Le Mire, Warren C. (See Knight, O. M., and Le Mire.)
Lemke, August J., et al. (See Rich, David, assignor.)
Lemle, Fritz. (See von Nessen, W., and Lemle.)
Lemle, Irwin W., Chicago, Ill. Curtain crane bracket. 2,210,982; Aug. 13.
Lemley, John S., et al. (See O'Connor, Edward P., assignor.)
Lemley, Zack, Denver, Colo. Ringlet hair curler. 2,212,569; Aug. 27.
Lemmens, Hendricus J. (See de Boer, J. H., Elenbaas, Dorgelo, and Lemmens.)
Lemmens, Hendricus J. (See Dorgelo, E. G., Elenbaas, Lemmens, and Jansen.)
Lemmens, Hendricus J. (See van Alphen, P. M., Dorgelo, and Lemmens.)
Lemmens, Hendricus J., W. Uyterhoeven, and J. A. M. Smilt, Eindhoven, Netherlands, assignors to General Electric Company. Electrical device. 2,210,489. Aug. 6.
Lemmer, Fritz. (See Greth, A., and Lemmer.)
Lemmon, George N., Birmingham, Ala. Repeating fuse apparatus. 2,192,710; Mar. 5.
Lemmon, George N., Birmingham, Ala., assignor to Southern States Equipment Corporation. Circuit interrupter. 2,208,099; July 16.
Lemmon, George N., Homewood, assignor to Southern States Equipment Corporation, Birmingham, Ala. Electric switch. 2,207,683; July 9.
Lemmon, Norman E., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Refining viscous hydrocarbon oils. 2,187,883; Jan. 23.
Lemmon, William G., and A. Stowers, New York, N. Y. Toilet seat cover dispenser. 2,187,352; Jan. 16.
Lemoi, George C. (See Moody, W. S., Jr., and Lemoi.)
Lemonier, Camille R. (See Trimbach, C. G., and Lemonier.)
Lemont, Clarence J., assignor to Line Material Company, South Milwaukee, Wis. Porcelain insulator screw bracket. 2,218,004; Oct. 15.
Lempco Products, Incorporated. (See Blazek, J. Y., and Roy, assignors.)
Lempco Products, Inc. (See McGovern, E. M., and Schrick, assignors.)
Lenehan, Bernard E., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,199,640; May 7.
Lenehan, Bernard E., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Carrier-current relay system. 2,210,678; Aug. 6.
Lenehan, Bernard E., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Simplified carrier-current relaying system. 2,210,679; Aug. 6.
Lenehan, Bernard E., Boomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Time switch mechanism. 2,217,414; Oct. 8.
Lenehan, Bernard E., and G. W. Rosenberger, Bloomfield, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Time switch actuating device. 2,186,250; Jan. 9.
Lenel, Fritz V., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Porous iron article and making same. 2,187,589; Jan. 16.
Lenel, Fritz V., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Manufacture of porous iron articles. 2,191,936; Feb. 27.
Lenel, Fritz V., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Iron article and making same. 2,226,520; Dec. 24.
Lengacher, Godfrey, Sugarcreek, Ohio. Automatic hose nozzle. 2,205,727; June 25.
Lengel, Albert L., Berkeley, Calif. Printing process. 2,202,529; May 28.
Lengyel, Carl, Buffalo, N. Y. Hot air furnace attachment. 2,191,349; Feb. 20.
Lengyel, Carl, Buffalo, N. Y. Hot air furnace. 2,212,666; Aug. 27.
Lengyel, Carl H., Kenmore, N. Y. Furnace. 2,210,551; Aug. 6.
Lenher, Samuel, and J. E. Smith, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Washing of discharge prints. 2,189,807; Feb. 13.
Lenher, Samuel, and L. B. Arnold, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Softening of textile materials and compositions therefor. 2,205,042; June 18.
Lenk, David A., Newton, Assignor to The Lenk Mfg. Co., Newton Lower Falls, Mass. Blow torch. 2,186,760; Jan. 9.
Lenk Mfg. Co., The. (See Lenk, David A., assignor.)
Lenk, Wilhelm, Bad Neustadt, Saale Unterfranken, Germany, assignor to General Electric Company. Detecting magnetic particles in nonmagnetic materials. 2,207,592; July 9.
Lennert, Benjamin J., Inglewood, Calif. Cross-arm jack. 2,213,604; Sept. 3.
Lenney, Clarence B., Warren, Ohio. Variable speed transmission. 2,218,651; Oct. 22.

Lenning, Alvar, Stockholm, Sweden, assignor by mesne assignments to Servel, Inc., New York, N. Y. Refrigerator. 2,186,805; Jan. 9.
Lenning, Alvar, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,199,077; Apr. 30.
Lenning, Alvar, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,206,411; July 2.
Lenning, Alvar, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,221,145; Nov. 12.
Lennon, Robert J., East Moline, Ill. Gun mount. 2,199,410; May 7.
Lennon, Robert J., East Moline, Ill. Universal mounting. 2,200,283; May 14.
Lennox, Thomas C., Pittsfield, Mass., assignor to General Electric Company. Time delay control system. 2,220,769; Nov. 5.
Lennox, Thomas C., and S. Minneci, Pittsfield, Mass., assignors to General Electric Company. Electric regulator. 2,200,989; May 14.
Lennox, Thomas C., and S. Minneci, Pittsfield, Mass., assignors to General Electric Company. Electric regulator. 2,200,990; May 14.
Lennox, Thomas C., and S. Minneci, Pittsfield, Mass., assignors to General Electric Company. Line drop compensator. 2,204,418; June 11.
Lenslite Co. Inc. (See Cullman, Philipp A., assignor.)
Lent, Leon B., White Plains, and J. D. Gamble, Forest Hills, N. Y. Grinding tool. 2,188,365; Jan. 30.
Lenta, Joseph G., Duluth, Minn. Rear-vision mirror. 2,214,639; Sept. 10.
Lenth, Charles W., and R. N. Du Puis, Chicago, Ill., assignors to Association of American Soap and Glycerine Producers, Incorporated, New York, N. Y. Catalyst and producing same and employing said catalyst in hydrogenation reactions. 2,201,235; May 21.
Lentz, Hugo J., Vienna, Austria. Valve gear for reversible reciprocating fluid pressure engines, especially for locomotives. 2,201,907; May 21.
Lentz, John A., Phoenix, Ariz. Apparatus for orienting models in the construction of dentures. 2,219,559; Oct. 29.
Lentz, John R., Philadelphia, Pa. Shoe rack. 2,205,099; June 18.
Lenz, Andrew C., assignor to Mid-West Bottle Cap Co., Belvidere, Ill. Bottle cap package. 2,215,705; Sept. 24.
Lenz, Gerold B. (See Cornell, Leo, R., assignor.)
Lenz, Kurt, Berlin-Lichterfelde, Germany, assignor to General Electric Company. X-ray tube. 2,205,297; June 18.
Lenzart, Inc. (See Stephenson, Arlington W., assignor.)
Lenzke, Conrad T., Detroit, Mich. Meat molding device. 2,194,948; Mar. 26.
Lenzke, Conrad T., Detroit, Mich. Meat molding device. 2,211,901; Aug. 20.
Leo Corporation. (See Guthmann, Walter S., assignor.)
Leon, Jose C. H., Tegucigalpa, Honduras. Mill plate resharpening machine. 2,191,764; Feb. 27.
Leona Undergarment Co. Inc. (See Bisberg, Nathan, assignor.)
Leonard, Arthur G., Jr., Wimington, assignor to The Lehon Company, Chicago, Ill. Fibrous roofing material. 2,196,267; Apr. 9.
Leonard, David C. E., assignor to Jamison Cold Storage Door Company, Hagerstown, Md. Sealing mechanism for slidable doors. 2,199,160; Apr. 30.
Leonard, David C. E., assignor to Jamison Cold Storage Door Company, Hagerstown, Md. Sealing mechanism for slidable doors. 2,199,182; Apr. 30.
Leonard, David C. E., assignor to Jamison Cold Storage Door Company, Hagerstown, Md. Auxiliary door operating mechanism. 2,208,309; July 16.
Leonard, David C. E., assignor to Jamison Cold Storage Door Company, Hagerstown, Md. Hinge for doors. 2,208,310; July 16.
Leonard, Frederick C., and F. C. Coppage, Cranston, R. I., assignors to Leonard-Rooke Company. Flow control mechanism. 2,206,905; July 9.
Leonard, John H. (See Herbster, George, assignor.)
Leonard, Joseph E., Berkeley, assignor to Hammer-Bray Company, Ltd., Oakland, Calif. Cooking and heating range. Re. 21,426; Apr. 16.
Leonard, Joseph E., Berkeley, assignor to Hammer-Bray Company, Ltd., Oakland, Calif. Adjustable broiler grid. Re. 21,508; July 16.
Leonard, Joseph E., Berkeley, assignor to Hammer-Bray Company, Ltd., Oakland, Calif. Combination cooking and heating unit. 2,222,436; Nov. 19.
Leonard, Joseph E., and C. T. Hammons, Berkeley, assignors to Hammer-Bray Company, Ltd., Oakland, Calif. Gas burner. 2,186,588; Jan. 9.
Leonard, Paul B., Cuyahoga Falls, assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. Re. 21,622; Nov. 12.
Leonard, Paul B., assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,202,294; May 28.
Leonard-Rooke Company. (See Leonard, F. C., and Coppage, assignors.)
Leonard, Roy E., Alhambra, and H. Gearing, Pasadena, Calif.; said Gearing assignor to said Leonard. Pumping power. 2,208,590; July 23.

Leonard, Samuel E., Jr., Cleveland, Ohio. Induction apparatus. 2,205,424; June 25.
Leonard, Samuel E., Jr., Cleveland, Ohio. Apparatus for welding. 2,205,425; June 25.
Leonard, Simpson C., Jr., Detroit, Mich. Seal. 2,203,163; June 4.
Leonard, Simpson C., Jr., Detroit, Mich. Seal. 2,203,164; June 4.
Leonard, Vincent W., Saugus, Mass., assignor to General Electric Company. Signaling system and apparatus. Re. 21,635; Nov. 26.
Leonard, Vincent W., Saugus, Mass., assignor to General Electric Company. Signaling system and apparatus. 2,194,310; Mar. 19.
Leonard, Vincent W., Saugus, Mass., assignor to General Electric Company. Switch operating mechanism. 2,194,311; Mar. 19.
Leonard, Ward, Electric Company. (See Ganci, Charles J., assignor.)
Leonard, William D., assignor to York Ice Machinery Corporation, York, Pa. Machinery base stabilizer. 2,200,859; May 14.
Leonardi, Sydney B., Jr., New Rochelle, assignor of one-half to H. H. and W. Pelzer, New York, N. Y. Vessel for transporting and dropping depth bombs. 2,197,129; Apr. 16.
Leonardson, John F., Marinette, Wis. Hanger hook. 2,210,490; Aug. 6.
Leone, Daniel T., C. Pagano, and A. Cosentino, Newburgh, N. Y. Draft tube for beer apparatus. 2,190,634; Feb. 13.
Leone, Henry, New Dorp, Staten Island, assignor of one-third to S. Jarkow and one-third to C. Roff, Brooklyn, N. Y. Duplex garment. 2,208,906; July 23.
Leopold, George O. (See Fegley, T. J., and Leopold.)
Leopold, Henry, Fountain City, assignor of one-third to L. T. Foley and one-third to W. M. Nichols, Knoxville, Tenn. Proportioning apparatus. 2,211,753; Aug. 20.
Leopold, Orville L., assignor of one-half to W. G. Murray, Sioux City, Iowa. Liquid wax applicator. 2,201,236; May 21.
Le Pan, Frederick. (See Magro, Ralph, assignor.)
Le Pan, Frederick. (See Witty, George, assignor.)
Lepersonne, Octave, Brussels, Belgium. Hydrocompound braking system. 2,190,238; Feb. 13.
Lepicard, Etienne M. J., Neuilly-sur-Seine, France. Carburetor. 2,197,555; Apr. 16.
Le Porin, Frederic W., Brooklyn, assignor to Tykar Corporation, New York, N. Y. Universal carriage return mechanism for typewriters. 2,214,906; Sept. 17.
Leppert, William J. (See Walton, J. M., and Darby, assignors.)
Lerch, William B., C. H. Mathias, and E. J. Gatchell, Bartlesville, Okla., assignors to Phillips Petroleum Company. Method of sealing or fixing casing tubes in wells. 2,198,120; Apr. 23.
Lerch, William Bruce, T. M. White, and E. J. Gatchell, Bartlesville, Okla., assignors to Phillips Petroleum Company. Plugging formations. 2,214,423; Sept. 10.
Le Rette, William P., Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Preparation of soles for attachment to shoes. 2,209,405; July 30.
Le Rette, William P., Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Outsole and making the same. 2,209,406; July 30.
Lesage, Aaron D. (See Shreffler, E. O., and Lesage.)
Le Sage, Aaron D., Manteno, Ill. Lock light. 2,216,014; Sept. 24.
Lesage, Alfred, Schweinfurt, Germany. Freewheel locking device, more particularly for the hub of bicycles. 2,226,247; Dec. 24.
Lesavoy, Ely. (See Artzt, W., and Lesavoy.)
Leschey Myers Manufacturing Co. (See Myers, C. G., Ilgenfritz, assignors.)
Leser, Otto, A. Garve, and O. Kurtz, assignors to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Internal combustion engine. 2,216,083; Sept. 24.
Lesher, John L., assignor to Unrivaled Hosiery Mill, Inc., Williamstown, Pa. Hosiery. 2,220,803; Nov. 5.
Leshin, Joseph, Bronx, N. Y., assignor to Majestic Metal Specialties, Inc., Moosup, Conn. Vanity case. 2,217,910; Oct. 15.
Leshure, Willard P., assignor to A. Linton Bausman Springfield, Mass. Grinding wheel. 2,223,326; Nov. 26.
Leskiewicz, Stanley, assignor to North Shore Cutting Die Company, Lynn, Mass. Apparatus for forming cutting dies. 2,195,537; Apr. 2.
Leslie, Howard C., Milton, assignor to B R E Manufacturing Co., Hyde Park, Mass. Slip cover for water-closet seats. 2,200,394; May 14.
Leslie, Howard C., Milton, assignor to B R E Manufacturing Co., Hyde Parke, Mass. Water closet seat and cover. 2,212,295; Aug. 20.
Leslie, John W., assignor to Signode Steel Strapping Company, Chicago, Ill. Metallic package-binder strap. 2,224,189; Dec. 10.
Lesselbaum, Felix, Brooklyn, N. Y. Self-adjustable sanitary belt. 2,211,137; Aug. 13.
Lesser, Solomon, New York, N. Y. Automatic four door lock for automobiles. 2,205,212; June 18.
Lessing, Frieda, et al. (See Kessel, J. B., and Lessing, assignors.)
Lessing, Fritz. (See Kessel, J. B., and Lessing.)
Lessler, Lew W., Johnson City, and J. K. Polhemus, Binghamton, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Camera construction. 2,208,799; July 23.
Lessmann, Gerhard P. (See Davis, F. R. J., and Lessmann.)
Lessmann, Gerhard P., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fluid-pressure operated tensiometer. 2,189,609; Feb. 6.
Lessmann, Gerhard P., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Tensiometer for strip mills. 2,192,044; Feb. 27.
Lessmann, Gerhard P., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Coiling reel. 2,195,008; Mar. 26.
Lessmann, Gerhard P., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Tension device for wire drawing benches. 2,205,213; June 18.
Lessmann, Gerhard P., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Water cooled packing and pusher rod. 2,208,373; July 16.
Lessmann, Gerhard P., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Tensiometer. 2,215,329; Sept. 17.
Lessmann, Gerhard P., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Tension control system. 2,221,592; Nov. 12.
Lessmann, Gerhard P., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Terminal outlet for industrial furnaces. 2,200,115; May 7.
Lessmann, Gerhard P., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Multiple fan drive for furnaces. 2,221,593; Nov. 12.
Lessmann, Gerhard P., Forest Hills, G. E. Stoltz, Pittsburgh, and A. F. Kenyon, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Tensioning device. 2,195,009; Mar. 26.
Lester Engineering Company, The. (See Lester, Nathan, assignor.)
Lester, George C., Buffalo, N. Y. Mail bag. 2,186,384; Jan. 9.
Lester, Hampton L., Charleston, W. Va. Bumper extension fender guard. 2,196,561; ; Apr. 9.
Lester, Mack, Tacoma, Wash. Combined irrigating and fertilizing device. 2,214,083; Sept. 10.
Lester, Nathan, Cleveland Heights, assignor to The Lester Engineering Company, Cleveland, Ohio. Toggle link. 2,186,030; Jan. 9.
Lester, Nathan, Cleveland Heights, assignor to Lester Engineering Company, Cleveland, Ohio. Plastic casting device. 2,206,098; July 2.
Lester, Paul S., East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Photoelectric device. 2,189,988; Feb. 13.
Lester, Robert L., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making dull finish coated fabrics. 2,223,288; Nov. 26.
Lester, Stephen T., Cleveland Heights, Ohio. Measuring apparatus. 2,207,625; July 9.
Les Usines de Melle. (See Guinot, Henri M., assignor.)
Les Usines de Melle. (See Ricard, Eloi, assignor.)
Lethern, Albert A., London, assignor to The Mills Equipment Company, Limited, London, England. Safety apparatus for retaining persons in the seats of aircraft or other vehicles. 2,195,334; Mar. 26.
Letner, Donald W., Casey, Ill., assignor to Landis Machine Company, St. Louis, Mo. Machine brake. 2,211,279; Aug. 13.
Letourneau, David H., and L. W. Finch, assignors of one-third to M. Grotelueschen, Milwaukee, Wis. Vehicular toy. 2,201,440; May 21.
Le Tourneau, R. G., Inc. (See Le Tourneau, Robert G., assignor.)
Le Tourneau, R. G., Inc. (See Le Tourneau, R. G., Peterson, and Isgren, assignors.)
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Tractor and implement unit. 2,188,072; Feb. 6.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Tractor mounted crane. 2,189,426; Feb. 6.
Le Tourneau, Robert G., assignor to R. G. Le Tourneau, Inc., Peoria, Ill. Spring motor. 2,214,138; Sept. 10.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Removable neck for power control units. 2,214,170; Sept. 10.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Power control unit. 2,220,655; Nov. 5.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Connecting means for tractor and implement units. 2,223,375; Dec. 3.

Le Tourneau, Robert G., R. Peterson, and E. E. Isgren, Peoria, Ill., assignors to R. G. Le Tourneau, Inc. Apparatus for applying flux to welding rod. 2,198,085; Apr. 23.

Letsch, Gabriel, Berlin-Johannisthal, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Mechanical contactor. 2,217,487; Oct. 8.

Lett, Frederic T., Syke Ings, Iver, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. High frequency tuned circuits. 2,212,839; Aug. 27.

Letteron, Henry A., Schenectady, N. Y., assignor to General Electric Company. Electrically insulating varnished cambric. 2,212,400; Aug. 20.

Letzkus, Leo C., Mount Lebanon, Pa. Display rack and support. 2,222,416; Nov. 19.

Leuch, Werner P., London, England, assignor to E. Dietzgen, Chicago, Ill. Production of diazotype light-sensitive layers. 2,198,827; Apr. 30.

Leuch, Werner P., London, England, assignor to Eugene Dietzgen Company, New York, N. Y. Production of photographic diazotype prints. 2,209,087; July 23.

Leuch, Werner P., London, England, assignor to Eugene Dietzgen Co., Chicago, Ill. Light sensitive diazo-type layers and method of use and production. 2,215,739; Sept. 24.

Leuchtenburg, Walter, Davenport, Iowa. Shaft marker. 2,193,693; Mar. 12.

Leuck, Gerald J., Evanston, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Water insoluble or water-resistant starch product. 2,222,872; Nov. 26.

Leuck, Gerald J., Evanston, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Water resistant starch and process. 2,222,873; Nov. 26.

Leuck, Gerald J., Evanston, Ill., assignor to Corn Products Refining Company, New York, N. Y. Dehydrated starch. 2,222,874; Nov. 26.

Leuck, Gerald J., Evanston, Ill., assignor to Corn Products Refining Company, New York, N. Y. Alkali treated starch and making same. 2,222,875; Nov. 26.

Leue, Bruno A., assignor to The Meeker Company, Inc., Joplin, Mo. Key case. 2,203,830; June 11.

Leui, Harvey C. (See Yeoman, Lloyd E., assignor.)

Leukert, Wilhelm, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,205,214; June 18.

Leupold, Mathias, Jamaica, N. Y., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,185,261; Jan. 2.

Leuser, Josef. (See Spanner, J., and Leuser.)

Leute, Karl M., and H. M. Lowry, Minneapolis, Minn. Painting machine for shingles. 2,189,668; Feb. 6.

Lévai, Julius, Budapest, Hungary. Chain link bar. 2,199,500; May 7.

Le Van, James D., Belmont, assignor to Raytheon Production Corporation, Newton, Mass. Thermionic gaseous discharge rectifier. 2,209,837; July 30.

Le Van, James D., Belmont, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Electron discharge tube. 2,217,869; Oct. 15.

Le Van, James D., Belmont, assignor to Raytheon Production Corporation, Newton, Mass. Fluorescent coating. 2,226,567; Dec. 31.

Levan, John F., assignor to Excel Curtain Company, Elkhart, Ind. Laminated tube. 2,208,988; July 23.

Levan, John F., assignor to Excel Curtain Company, Elkhart, Ind. Machine for forming tubing. 2,212,715; Aug. 27.

Levan, John F., assignor to Excel Curtain Company, Inc., Elkhart, Ind. Expansion end closure or cap for tubes. 2,218,581; Oct. 22.

Le Veau, Eugene, New York, N. Y. Curtain support. 2,219,075; Oct. 22.

Leveke, Chester I., Des Moines, Iowa. Apparatus for removing shale, coal, and like from gravel. 2,216,371; Oct. 1.

Levenberg, Samuel P., Chicago, Ill. Electrical timed impulse circuit. 2,210,211; Aug. 6.

Levenhagen, Arthur J., assignor to Ditto, Incorporated, Chicago, Ill. Sheet feeding mechanism and friction control means therefor. 2,226,003; Dec. 24.

Levensten, Harry L., Chicago, Ill. Box or chest for tools or the like. 2,215,881; Sept. 24.

Leventhal, Jacob F., assignor to Leventhal Patents, Inc., New York, N. Y. Motion picture apparatus. 2,209,698; July 30.

Leventhal Patents, Inc. (See Leventhal, Jacob F., assignor.)

Leventhal Patents, Inc. (See Spence, John L., Jr., assignor.)

Leveque, Bernard T., Wenham, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe sewing machine. 2,202,388; May 28.

Leveque, Bernard T., Wenham, Mass. Transmission mechanism. 2,216,294; Oct. 1.

Lever Brothers Company. (See Andersen, Carl N., assignor.)

Lever Brothers Company. (See Bodman, John W., assignor.)

Lever Brothers Company. (See Christiansen, Walter G., assignor.)

Lever Brothers Company. (See Godfrey, T. M., and Serbell, assignors.)

Lever Brothers Company. (See Hood, Ben B., assignor.)

Lever Brothers Company. (See Weston, Philip D., assignor.)

Lever Brothers Company. (See White, J. R., and Dunn, assignors.)

Leverenz, Humboldt W., South Orange, N. J., assignor to Radio Corporation of America. Synthesizing luminescent material. 2,210,087; Aug. 6.

Leverenz, Humboldt W., South Orange, N. J., assignor to Radio Corporation of America. Luminescent material. 2,212,209; Aug. 20.

Leverenz, Humboldt W., Collingswood, N. J., assignor to Radio Corporation of America. Fluorescent screen. 2,223,830; Dec. 3.

Levers, James F. (See Finlayson, D., and Levers.)

Le Vesconte, Harold J., Western Springs, assignor to Union Special Machine Company, Chicago, Ill. Thread controller. 2,186,534; Jan. 9.

Le Vesconte, Harold J., Western Springs, assignor to Union Special Machine Company, Chicago, Ill. Feed mechanism for sewing machines. 2,218,287; Oct. 15.

Levesque, Arthur H., North Attleboro, assignor to R. F. Simmons Company, Attleboro, Mass. Jewelry clasp or connector. 2,205,215; June 18.

Levesque, Arthur H., North Attleboro, assignor to R. F. Simons Company, Attleboro, Mass. Jewelry clasp or connector. 2,225,748; Dec. 24.

Levesque, Jean, Montreal, Quebec, assignor to The Province of Quebec, Department of Colonization, Quebec, Quebec, Canada. Binding compound derived from hardwood tar. 2,210,212; Aug. 6.

Lévesque, Jean J., Bagotville, Quebec, Canada. Manufacture of wood tar-formaldehyde resins. 2,190,033; Feb. 13.

Levey, Alvin M., Pine Bluff, Ark. Rubber thimble. 2,207,672; July 9.

Levey, Simon A., St. Louis, Mo. Connection plug. 2,214,560; Sept. 10.

Levin, Abraham M., assignor to Wheary Trunk Company, Racine, Wis. Luggage case. 2,227,266; Dec. 31.

Levin, Arnold. Union City, N. J. Adjustable shoe last. 2,226,469; Dec. 24.

Levin, Carl A. (See Larson, E. S., and Levin.)

Levin, David E., Brooklyn, and J. W. McGee, Manhasset, N. Y., assignors to Jodel Inc. Shoe construction. 2,200,068; May 7.

Levin, Harold L., Nutley, N. J., assignor, by mesne assignments, to The Patent and Licensing Corporation, New York, N. Y. Making waterproof sheets or boards. 2,190,034; Feb. 13.

Levin, Isreal, Philadelphia, Pa. Card holding attachment for card tables. 2,201,187; May 21.

Levitt, Nathan V., New York, N. Y. Orthopedic footwear. 2,224,458; Dec. 10.

Levin, Nils D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Material handling mechanism. 2,188,790; Jan. 30.

Levin, Rémy F. O., assignor to Compagnie du Chemin de Fer Metropolitain de Paris, Paris, France. Electrical route indicator. 2,204,315; June 11.

Levin, Samuel S., Fox Chapel Borough, Pa. Photographic plate holder. 2,203,912; June 11.

Levine, Abraham I., Brooklyn, N. Y. Buckle for footwear. 2,215,221; Sept. 17.

Levine, Alfred M. (See Keshefsky, H., and Levine.)

Levine, Arthur A., and O. W. Cass, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Heat transfer process. 2,185,639; Jan. 2.

Levine, Arthur A., and O. W. Cass, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorinated aromatic hydrocarbons. 2,193,823; Mar. 19.

Levine, Arthur A., and O. W. Cass, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorinated aromatic resins. 2,199,026; Apr. 30.

Levine, Benjamin, et al. (See Kramer, Irving, assignor.)

Levine, Dave, assignor of one-half to D. and J. J. Goldstein, New York, N. J. Coat lining. 2,209,838; July 30.

Levine, David I., assignor to Lisson-Melen Co., Lynn, Mass. Spring assembly. 2,197,131; Apr. 16.

Levine, Gabriel, West Hartford, Conn. Oil burner. 2,203,165; June 4.

Levine, Gabriel, West Hartford, Conn. Heater. 2,222,202; Nov. 19.

Levine, Henry, and A. Johnson, Philadelphia, Pa. Target. 2,210,149; Aug. 6.

Levine, Irving E., Richmond, and D. D. Lee, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Thermosetting resin reaction product of furfural with a saturated oxy-carboxylic acid 2,207,626; July 9.

Levine, James, Brooklyn, N. Y. Pleating fabrics 2,191,321; Feb. 20.

Levine, James L., Chicago, Ill. Direction of turn signa device. 2,209,780; July 30.

Levine, Jesse, New York, N. Y. Vibrator roller for printing presses. 2,189,073; Feb. 6.

Levine, Morris, Pampa, Tex., assignor to Danciger Oil Refineries, Inc., Tulsa, Okla. Treatment of lig distillates. 2,198,545; Apr. 23.

Levine, Samuel, New York, N. Y. Clasp for bracelets and the like. 2,211,018; Aug. 13.
Le Visconte, Harold J. (See Hacklander, H., and Le Visconte.)
Leviseur, Maximilian, Springs, Transvaal, Union of South Africa. Bottle. 2,203,266; June 4.
Levit, Leopold, Prague, Czechoslovakia. Blowlamp. 2,188,460. Jan. 30.
Levitetz, Norman A., Chicago, Ill., assignor to Why Corporation. Washer cylinder. 2,191,891; Feb. 27.
Leviton Manufacturing Company. (See Petersen, Carl M., assignor.)
Leviton Manufacturing Company. (See Wertzheiser, Joseph, assignor.)
Levitt, Percy B. (See Morgan, J. D., and Levitt.)
Levitt, William T., assignor to Tamworth Associates, Inc., Needham, Mass. Side arm equipped glassware. 2,206,816; July 2.
Levkoff, David, Brooklyn, N. Y. Display box. 2,199,204; Apr. 30.
Levoy, Louis G., Jr., Schenectady, N. Y., assignor to General Electric Company. Electric translating circuit. 2,213,090; Aug. 27.
Levy, Austin T. (See Estes, Joseph C., assignor.)
Levy, Austin T. (See Patterson, Howard T., assignor.)
Levy, Austin T. (See Thompson, Marcus, assignor.)
Levy, Austin T., Harrisville, R. I. Prefabricated building. 2,186,459; Jan. 9.
Levy, Dudley D., Mount Vernon, assignor to Dudley Research Corporation, New York, N. Y. Dental tool holder. 2,215,222; Sept. 17.
Levy, Harry R. (See Sauer, Urban, assignor.)
Levy, Henri G., San Francisco, Calif. Centrifuge tube. 2,198,256; Apr. 23.
Levy, Henri G., San Francisco, Calif. Centrifuge. 2,202,157; May 28.
Levy, Joseph. (See Mielziner, J., and Levy.)
Levy, Joseph, New York, N. Y., assignor to Century Lighting, Inc. Electric lighted illuminating fixture. 2,225,401; Dec. 17.
Levy, Joseph, and E. B. Kirk, New York, N. Y., assignors to Century Lighting, Inc. Remote control color changer for projected light. 2,192,520; Mar. 5.
Levy, Maurice A., and C. E. Smith, Chicago, Ill.; said Smith assignor to said Levy. Safety door check construction. 2,200,627; May 14.
Levy, Minnie, and F. R. Casino, Brooklyn, N. Y. Container. 2,187,559; Jan. 16.
Lévy, René L., Montrouge, France, assignor to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M., Fribourg, Switzerland. Vehicle truck. 2,212,989; Aug. 27.
Lévy, René L., Paris, France, assignor to Société d'Inventions Aéronautiques et Mécaniques S. I. A. M., Fribourg, Switzerland. Automatic locking device for pistons and the like. 2,221,979; Nov. 19.
Levy, Roman J., New York, N. Y. Apparatus for producing stereoscopic pictures. 2,223,630; Dec. 3.
Levy, Rudolf, Berlin-Halensee, Germany. Device for reproducing cinematographic image records. 2,202,458; May 28.
Levy, Rudolf, Berlin-Halensee, Germany. Apparatus for projecting cinematographic images carried on disks. 2,203,437; June 4.
Levy, Samuel, Brooklyn, N. Y. Disposable article. 2,206,412; July 2.
Levy, Sydney J. (See Berry, Reni S., assignor.)
Lewbers, Mys M., Bayside, N. Y., assignor to The Linde Air Products Company. Electric welding apparatus. 2,189,399; Feb. 6.
Lewellen, Darcy E. and E. F., Columbus, Ind. Speed varying mechanism. 2,185,411; Jan. 2.
Lewellen, Darcy E. and E. F., Columbus, Ind. Apparatus for variable speed control. 2,212,194; Aug. 29.
Lewellen, Darcy E. and E. F., Columbus, Ind. Manufacturing metal sheets. 2,212,195; Aug. 20.
Lewellen, Emmons F. (See Lewellen, Darcy E. and E. F.)
Lewers, George R., Brooklyn, assignor to Underpinning & Foundation Co., Inc., New York, N. Y. Incineration. 2,222,673; Nov. 26.
Lewers, William W. (See Dreyling, A., and Lewers.)
Lewis, A., et al. (See Francis, George W., Sr., assignor.)
Lewis, Albert M., and P. B. Weiler, Detroit, Mich. Wienerwurst cooker. 2,218,263; Oct. 15.
Lewis, Albert M., and P. B. Weiler, Detroit, Mich. Hamburger grill. 2,225,176; Dec. 17.
Lewis, Arthur P., Fairhaven, assignor to R. W. Cutler, Boston, Mass. Loom picker. 2,222,351; Nov. 19.
Lewis, Arthur P., Fairhaven, assignor to R. W. Cutler, Boston, Mass. Picker stick lug or block. 2,222,352; Nov. 19.
Lewis, Arthur P., Fairhaven, assignor to R. W. Cutler, Boston, Mass. Loom picker. 2,222,353; Nov. 19.
Lewis, Arthur W. (See Colin, P. G., and Lewis.)
Lewis, Arthur W., Elizabeth, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Lubrication. 2,187,353; Jan. 16.
Lewis, Arthur W., Pasadena, Calif. Journal bearing for railroad cars. 2,198,053; Apr. 23.
Lewis, Arthur W., Elizabeth, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Lubricating oil and lubrication therewith. 2,218,917; Oct. 22.
Lewis, Arthur W., Elizabeth, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Lubricating oil and lubrication therewith. 2,220,487; Nov. 5.
Lewis, Arthur W., Plainfield, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Lubrication. 2,220,723; Nov. 5.
Lewis, Benjamin F., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,191,913; Feb. 27.
Lewis, Benjamin F., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selector switch brush. 2,225,646; Dec. 24.
Lewis, Carroll E., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,200,215; May 7.
Lewis, Charles E. (See Cronkhite, D. E., and Lewis.)
Lewis, Charles H. (See Urbain, Oliver M., assignor.)
Lewis, Charles H. (See Urbain, O. M., and Stemen.)
Lewis, Charles H. (See Urbain, O. M., and Stemen, assignors.)
Lewis, Charles T., Oklahoma City, Okla. Splash preventing device for hose nozzles. 2,208,989; July 23.
Lewis, Charles T., Oklahoma City, Okla. Reinforced safety belt. 2,208,990; July 23.
Lewis, Clarence H., Darien, Conn., and R. J. Barry, New York, N. Y., assignors to W. E. Irving, Glenbrook, Conn. Coupling for grating panels. 2,193,287; Mar. 12.
Lewis, Clarence H., Salem, Va. Vernier quadrant damper for automatic furnace controls. 2,219,629; Oct. 29.
Lewis, Edgar P., & Sons, Inc. (See Newman, A. V., and Lewis, assignors.)
Lewis, Emma M., et al. (See Lewis, George W., assignor.)
Lewis Engineering Company, The. (See Johnson, Manfred J., assignor.)
Lewis, Evan L., Huntington, W. Va. Fuel mixing device. 2,216,846; Oct. 8.
Lewis, Everett V., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial structure and producing same. 2,199,411; May 7.
Lewis, Everett V., Richmond, Va., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for the production of artificial thread. 2,211,954; Aug. 20.
Lewis, Florence N., New York, N. Y. Electrode applicator for use in short wave radio therapy. 2,191,080; Feb. 20.
Lewis, Florence N., assignor to Elizabeth Arden Sales Corporation, New York, N. Y. Lady's beauty box. 2,209,781; July 30.
Lewis, Frank D., Denver, Colo. Centrifugal amalgamator. 2,217,062; Oct. 8.
Lewis, Frederick F., Brady, Mont. Grain sampling device. 2,215,706 Sept. 24.
Lewis, G. B., Company. (See Mollart, Lobegott, assignor.)
Lewis, George E. (See Whitehead, C. L., Chenoweth, Irwin, Duval, Huntley, Rule, and Lewis.)
Lewis, George S., Evanston, Ill. Compression brazing for joining metal tubes. 2,209,572; July 30.
Lewis, George W., assignor of one-half to J. W. Rutledge and one-half to E. M. Lewis, Early, Iowa. Automatic lift for tractor buck rakes. 2,185,794; Jan. 2.
Lewis, Griffith M., Watervliet, assignor to Willcox & Gibbs Sewing Machine Co., New York, N. Y. Stocking and making same. 2,208,991; July 23.
Lewis, Griffith M., Watervliet, assignor to Willcox & Gibbs Sewing Machine Co., New York, N. Y. Sewing machine and attachment therefor. 2,208,992; July 23.
Lewis, Guy R. (See Newman, A. V., and Lewis.)
Lewis, Harold M., Great Neck, N. Y., assignor to Hazeltine Corporation. Modulated-carrier signal-translating system. 2,187,978; Jan. 23.
Lewis, Harold M., Great Neck, N. Y., assignor to Hazeltine Corporation. Television combining amplifier. 2,191,796; Feb. 27.
Lewis, Harold M., Great Neck, N. Y., assignor to Hazeltine Corporation. Television scanning system. 2,198,969; Apr. 30.
Lewis, Harold M., Great Neck, N. Y., assignor to Hazeltine Corporation. Television receiving system. 2,208,374; July 16.
Lewis, Harold M., Douglaston, Long Island, N. Y., assignor to Hazeltine Corporation. Band-pass selector system. 2,216,997; Oct. 8.
Lewis, Harold M., Great Neck, N. Y., assignor to Hazeltine Corporation. Wave-signal translating system. 2,217,957; Oct. 15.
Lewis, Harold M., Great Neck, N. Y., assignor to Hazeltine Corporation. Frequency-dividing system. 2,221,452; Nov. 12.
Lewis, Harry C. (See Campbell, Henry L., assignor.)
Lewis, Harry F., assignor to The Institute of Paper Chemistry, Appleton, Wis. Antioxidant composition. 2,214,251; Sept. 10.
Lewis, Harry F., Appleton, Wis., assignor, by mesne assignments, to The Pacific Lumber Company, San Francisco, Calif. Smoking meat. 2,217,282; Oct. 8.
Lewis, Harry F., and S. I. Kukolich, assignors to Institute of Paper Chemistry, Appleton, Wis. Preparation of rags for paper making. 2,211,138; Aug. 13.
Lewis, Howard B., Los Angeles, Calif. Respirator. 2,220,374; Nov. 5.
Lewis, Howard B., Venice, B. Burns, Santa Monica, A. E. Elmore, Alhambra, and E. F. Salsbury, Los Angeles, assignors to Salsbury Corporation, Inglewood, Calif. Motor vehicle. 2,225,914; Dec. 24.

Lewis Invisible Stitch Machine Company. (See Kelso, Ralph S., assignor.)
Lewis Invisible Stitch Machine Company. (See Moulton, Harley C., assignor.)
Lewis Invisible Stitch Machine Company. (See Mueller, Charles W., assignor.)
Lewis, Jack C. (See Taylor, Edgerton F., assignor.)
Lewis, James A., assignor to Sneath Glass Company, Hartford City, Ind. Glass machine operating cam. 2,216,318; Oct. 1.
Lewis, James A., and W. L. Horner, assignors to Core Laboratories, Inc., Dallas, Tex. Earth exploration. 2,225,248; Dec. 17.
Lewis, James W., Spartanburg, S. C. Transporting apparatus. 2,189,010; Feb. 6.
Lewis, John C., Providence, assignor to Crown Fastener Corporation, Warren, R. I. Tape for separable fasteners. 2,205,570; June 25.
Lewis, John D. (See Ashburn, R. G., and Lewis.)
Lewis, John T., U. S. Army, Rockford, Ill., and G. W. Trichel, U. S. Army, Philadelphia, Pa. Director. 2,200,130; May 7.
Lewis, Joseph D., Santa Barbara, Calif. Lawn sprinkler. 2,202,349; May 28.
Lewis, Kenneth R. (See Krugler, A. D., and Lewis.)
Lewis, Lloyd V., Edgewood Borough, assignor to The Union Switch and Signal Company, Swissvale, Pa. Remote controlling apparatus. 2,197,130; Apr. 16.
Lewis, Lloyd V., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,216,820; Oct. 8.
Lewis, Miles C. Thomas, San Francisco, Calif. Condiment shaker bottom. 2,192,836; Mar. 5.
Lewis, Oswald F., assignor of one-half to Newton, Chambers & Company Limited, near Sheffield, England. Endless chain cutting machine for use in mining coal and other minerals. 2,189,669; Feb. 6.
Lewis, Oswald F., assignor of one-half to Newton, Chambers & Company Limited, near Sheffield, England. Coal cutting machine. 2,189,670; Feb. 6.
Lewis, Robert B., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Automatic load holder for testing machines. 2,191,282; Feb. 20.
Lewis, Robert C., Minneapolis, Minn. Animal trap. 2,191,570; Feb. 27.
Lewis, Robert F., Runnemede, N. J., assignor to Radio Corporation of America. High frequency antenna. 2,210,491; Aug. 6.
Lewis, Robert P., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Needle bearing differential. 2,192,088; Feb. 27.
Lewis, Robert P., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Safety clutch. 2,224,440; Dec. 10.
Lewis, Rosemarie, Los Angeles, Calif. Medicament dispenser. 2,195,675; Apr. 2.
Lewis, Stephen E. (See Hibbs, Ralph M., assignor.)
Lewis, Warren J., assignor to R. Roy Holden Inc., Chicago, Ill. Switch mechanism. 2,214,836; Sept. 17.
Lewis, Warren K., Newton, Mass., and J. M. Whiteley, Roselle, N. J., assignors to Standard Oil Development Company. Extraction of hydrocarbon material with light hydrocarbons. 2,202,389; May 28.
Lewis, William, Cleveland, assignor to R. Hoe & Co., Inc., New York, N. Y. Control device for printing machines. 2,200,284; May 14.
Lewis, William A., Ithaca, N. Y., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Out-of-step protection for transmission systems. 2,210,680; Aug. 6.
Lewis, William A., Stockton-on-Tees, and V. de C. Dashwood, assignors to Intensive Cultivations Company, London, England. Tray for the germination of seeds. 2,188,880; Jan. 30.
Lewis, William H., Cwmllynfell, Swansea, South Wales. Stud or protector for sporting boots and shoes. 2,225,204; Dec. 24.
Lewis, William J., Lexington, Ky. Safety boxcar door. 2,194,230; Mar. 19.
Lewis, William L., Binghamton, and V. O. Wilkerson, Vestal Gardens, assignors to International Business Machines Corporation, New York, N. Y. Paper feeding device. 2,203,024; June 4.
Lewis, William Y., London, England. Water-tube boiler. 2,207,321; July 9.
Lewison, Edward F., Chicago, Ill. X-ray opaque sponge. 2,190,431; Feb. 13.
Lewon, Rubin. (See Abrahams, S. A., and Lewon.)
Lewon, Rubin. (See Abrahams, S. A., Lewon, and Collonge.)
Lewthwaite, Raymond B. (See Young, M. S., and Lewthwaite.)
Lex, Joseph R., assignor to General Motors Corporation, Detroit, Mich. On the fly multiple spot welder. 2,213,709; Sept. 3.
Lex, Joseph R., and R. R. Heupel, assignors to General Motors Corporation, Detroit, Mich. Welding conveyer. 2,227,145; Dec. 31.
Ley, George A., Chicago, Ill. Adjustable clamp. 2,194,800; Mar. 26.
Leybold's, E., Nachfolger Kommandit-Gesellschaft. (See Gaede, Wolfgang, assignor.)
Leyburn, Henry, Newcastle-upon-Tyne, and C. Freeland, South Shields, assignors to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Alternating current electric relay. 2,208,907; July 23.
Leydecker, Adolph J., Williamsville, N. Y. Tree transplanter. 2,219,690; Oct. 29.
Leyenaar, Jan. (See Merkl, Sebastian, assignor.)
Leyland, Simeon C., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Supervisory means for communicating channels. 2,224,736; Dec. 10.
Lezy, Maurice. (See Glass, J. H., and Lezy.)
L'Heureux, Luke J., Jasper, Ala. Child's coaxer dish. 2,200,696; May 14.
L'Hollier, Leslie H., Waltham, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Overshoe. 2,188,440; Jan. 30.
Libbey, Fred N., Oakland, assignor to California Packing Corporation, San Francisco, Calif. Shipping package. 2,187,382; Jan. 16.
Libbey Glass Company. (See Bennett, E. H., and Schutz, assignors.)
Libbey Glass Company. (See Schreiber, Carl W., assignor.)
Libbey Glass Company. (See Schutz, Harold R., assignor.)
Libbey Glass Company. (See Schutz, H. R., and Mankin, assignors.)
Libbey Glass Company. (See Schutz, H. R., and Treece, assignors.)
Libbey-Owens-Ford Glass Company. (See Anderson, Ben F., assignor.)
Libbey-Owens-Ford Glass Company. (See Crowley, Thomas R., assignor.)
Libbey-Owens-Ford Glass Company. (See Drake, John L., assignor.)
Libbey-Owens-Ford Glass Company. (See Hamann, H. J., and Williams, assignors.)
Libbey-Owens-Ford Glass Company. (See Haven, Charles D., assignor.)
Libbey-Owens-Ford Glass Company. (See Hinr, John D., assignor.)
Libbey-Owens-Ford Glass Company. (See Hinsey, Robert S., assignor.)
Libbey-Owens-Ford Glass Company. (See Hopfield, John J., assignor.)
Libbey-Owens-Ford Glass Company. (See Kirkman, Peter J., assignor.)
Libbey-Owens-Ford Glass Company. (See Kranich, Henry O., assignor.)
Libbey-Owens-Ford Glass Company. (See Lowry, Clyde D., assignor.)
Libbey-Owens-Ford Glass Company. (See Lowry, C. D., and Spahn, assignors.)
Libbey-Owens-Ford Glass Company. (See Moller, John H., assignor.)
Libbey-Owens-Ford Glass Company. (See Moran, J., and Kepler, assignors.)
Libbey-Owens-Ford Glass Company. (See Paddock, Ormond H., assignor.)
Libbey-Owens-Ford Glass Company. (See Paddock, O. H., and Greaves-Walker, assignors.)
Libbey-Owens-Ford Glass Company. (See Ricker, Richard W., assignor.)
Libbey-Owens-Ford Glass Company. (See Ryan, Joseph D., assignor.)
Libbey-Owens-Ford Glass Company. (See Ryan, J. D., and Gwyn, assignors.)
Libbey-Owens-Ford Glass Company. (See Ryan, J. D., and Watkins, assignors.)
Libbey-Owens-Ford Glass Company. (See Schafer, C. B., and Drake, assignors.)
Libbey-Owens-Ford Glass Company. (See Walters, Emmett L., assignor.)
Libbey-Owens-Ford Glass Company. (See Watkins, G. B., and Ryan, assignors.)
Libbey-Owens-Ford Glass Company. (See Weekley, Boyd H., assignor.)
Libbey-Owens-Ford Glass Company. (See White, Gerald, assignor.)
Libbey, W. S., Company. (See Lurie, Joseph M., assignor.)
Liberthson, Leo. (See Kessler, G. A., and Liberthson.)
Liberthson, Leo, New York, N. Y., assignor to L. Sonneborn Sons Inc. Concrete hardening composition of the metal salt type. 2,203,302; June 4.
Liberty Lace and Netting Works. (See Bloch, R., and Worrall, assignors.)
Libson, Isaac J., Brooklyn, N. Y. Multiple lamp reflector. 2,216,084; Sept. 24.
Licata, Francis J., New York, N. Y., assignor to National Oil Products Company, Harrison, N. J. Fatty acid soap and producing same. 2,211,139; Aug. 13.
Licata, Francis J., New York, N. Y., assignor to National Oil Products Company, Harrison, N. J. Cementitious material and making the same. 2,211,140; Aug. 13.
Licata, Francis J., New York, N. Y., and J. P. Nothum, Elizabeth, assignors to National Oil Products Company, Harrison, N. J. Metallic soap solution. 2,223,158; Nov. 26.
Licentia Patent-Verwaltungs-Gesellschaft. (See Müller-Ernesti, Rolf, assignor.)
Licentia Patent-Verwaltungs-Gesellschaft. (See Schüller, Eduard, assignor.)
Lichtenberg, Erich H., assignor to Koehring Company, Milwaukee, Wis. Transfer chute. 2,214,305; Sept. 10.

Lichtenberger, Bertrand, et al. (See Hester, John C., assignor.)
Lichtenstein, Johann, assignor to Societe Generale des Carburateurs Zenith, Levallois-Perret, France. Carburetor. 2,197,476; Apr. 16.
Lichter, Max, Los Angeles, Calif. Reclining chair. 2,217,756; Oct. 15.
Lichtinger, Arthur J. (See Swalley, W. C., and Lichtinger.)
Lichtman, Sol S., New York, N. Y. Test tube holder. 2,189,989; Feb. 13.
Lichtor, Samuel P., Kansas City, Mo. Detachable wall covering. 2,208,159; July 16.
Lichty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Accelerator of vulcanization. 2,188,280; Jan. 23.
Lichty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,197,570; Apr. 16.
Lichty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,205,100; June 18.
Lichty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,205,101; June 18.
Lichty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Accelerator of vulcanization. 2,208,326; July 16.
Lichty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,208,327; July 16.
Lichty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Nitriles of acrylic acids. 2,208,328; July 16.
Lichty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,211,623; Aug. 13.
Lichty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,217,622; Oct. 8.
Lichty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,222,354; Nov. 19.
Lichty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization accelerator. 2,226,534; Dec. 31.
Lick, Alton W. (See Becht, Howell M., assignor.)
Lickteig, Albert F., assignor to Grand Rapids Brass Company, Grand Rapids, Mich. Lid support. 2,213,319; Sept. 3.
Lidseen, Gustave, Oak Park, assignor to Electric Household Utilities Corporation, Chicago, Ill. Domestic washing machine. 2,202,158; May 28.
Lidzey, Ralph W. (See Daniels, Charles D., assignor.)
Lieb, Merril R., Allentown, and W. W. Wassum, Alburtis, Pa. Valve for the control of hydraulic presses. 2,219,843; Oct. 29.
Lieber, Eugene, Linden, and L. A. Mikeska, Westfield, N. J., assignors to Standard Oil Development Company. Organic sulphide polymers and mineral oil compositions containing same. 2,198,828; Apr. 30.
Lieber, Eugene, Linden, and L. A. Mikeska, Westfield, N. J., assignors to Standard Oil Development Company. Wax composition. 2,209,463; July 30.
Lieber, Eugene, Linden, and M. M. Sadlon, Roselle Park, N. J., assignors to Standard Oil Development Company. Producing synthetic oil. 2,209,462; July 30.
Lieber, Eugene, Linden, N. J., and P. Miller, Des Moines, Iowa, assignors to Standard Oil Development Company. Diesel fuel. 2,214,059; Sept. 10.
Lieber, Isaace, assignor to Thervac Products, Inc., New York, N. Y. Container for baby bottles, and the like. 2,200,991; May 14.
Lieber, William H., Wauwatosa, assignor to D. J. Murray Manufacturing Co., Wausau, Wis. Collapsible winder shaft. 2,192,358; Mar. 5.
Liebergeld, Alfred. (See Singer, F., and Liebergeld.)
Lieberherr, Hans, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Two-cycle internal-combustion engine. 2,218,202; Oct. 15.
Lieberknecht, Karl, Inc. (See Meinig, G. R., and Pauli, assignors.)
Lieberknecht, Karl, Inc. (See Spindler, Kurt P., assignor.)
Lieberknecht, Karl O. (See Rössler, Karl W., assignor.)
Lieberknecht, Karl R., Oberlungwitz, Germany, assignor to Kalio, Inc., New York, N. Y. Flat knitting machine. 2,195,872; Apr. 2.
Lieberknecht, Karl R., Oberlungwitz, Germany, assignor to Kalio, Inc., New York, N. Y. Flat knitting machine. 2,196,218; Apr. 9.
Lieberman, Harry L., Chicago, Ill. Furniture. 2,186,142; Jan. 9.
Liebesny, Paul, and H. Wertheim, Vienna, Austria. Promoting the propagation and the activity of microorganisms. 2,196,361; Apr. 9.
Liebig, Edward O. (See Sivil, C. S., and Liebig.)
Liebig Products Co. (See Brownstein, Louis, assignor.)
Liebknecht, Otto, Neubabelsberg, near Berlin, Germany, assignor to The Permutit Company, New York, N. Y. Carbonaceous ion-exchange material. 2,191,059; Feb. 20.
Liebknecht, Otto, Neubabelsberg, Germany, assignor to The Permutit Company, New York, N. Y. Production of conversion products from carbonaceous materials. 2,206,007; June 25.
Liebknecht, Otto, Berlin, Germany, assignor to The Permutit Company, New York, N. Y. Carbonaceous zeolite and the preparation thereof. 2,191,060; Feb. 20.
Liebknecht, Otto, Neubabelsberg, near Berlin, and H. Corte, Berlin-Schoeneberg, Germany, assignors to The Permutit Company, New York, N. Y. Purifying water. 2,226,134; Dec. 24.
Liebman, Charles, Chicago, Ill. Copying camera. 2,217,120; Oct. 8.
Liebmann, Gerhard. (See Schlesinger, K., and Liebmann.)
Liebmann, Gerhard. (See Wolff, H.-H., and Liebmann.)
Liebmann, Gerhard, Berlin, Germany. Multiple grid structure and producing the same. 2,197,753; Apr. 23.
Liebmann, Gerhard, Berlin, Germany. Discharge tube. 2,227,095; Dec. 31.
Liebmann, Moses, New York, N. Y. Blanket fastener. 2,195,967; Apr. 2.
Liebmann, Moses, New York, N. Y. Blanket fastener. 2,225,875; Dec. 24.
Liebmann, Oscar, Bergenfield, N. J., assignor to Q. O. S. Corporation, New York, N. Y. Coupled range finder. 2,185,377; Jan. 2.
Liebmann, Oscar, Bergenfield, N. J., assignor to Q. O. S. Corporation, New York, N. Y. Range finder. 2,186,806; Jan. 9.
Liebowitz, Benjamin, New York, N. Y. Building block. 2,191,217; Feb. 20.
Liedholm, George E., Long Beach, assignor to Shell Development Company, San Francisco, Calif. Reactivating catalysts. 2,225,402; Dec. 17.
Liekendael, John E., Paterson, N. J. Carburetor. 2,225,647; Dec. 24.
Lieneweg, Fritz. (See Grüss, H., Kähle, and Lieneweg.)
Lienhard, Richard B., Newington, assignor to The Taplin Manufacturing Company, New Britain, Conn. Egg beater. 2,193,461; Mar. 12.
Lienzén, David L., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Selector multiples. 2,226,666; Dec. 31.
Lier, Heinrich, assignor to the firm Chemical Works formerly Sandoz, Basel, Switzerland. Wetting agent for alkaline mercerizing solutions. 2,196,562; Apr. 9.
Lier, Heinrich, assignor to the firm Chemical Works, formerly Sandoz, Basel, Switzerland. Green trisazo dyestuffs and their manufacture. 2,202,350; May 28.
Liesken, Auguste H., Brussels, Belgium. System of metal shelves displaceable for bookcases and similar articles. 2,213,106; Aug. 27.
Liessmann, Frederick. (See De Vito, A., and Liessmann.)
Lift Trucks Incorporated. (See Stuebing, William, Jr., assignor.)
Lighnite Combustion Engineering Corporation. (See Larsen, Clarence C., assignor.)
Light, Albert T., assignor to York Ice Machinery Corporation, York, Pa. Making a welded joint. 2,190,267; Feb. 13.
Light, Charles A., Brooklyn, N. Y. Mattress ventilator. 2,224,687; Dec. 10.
Light, David M., assignor to American Steel Foundries, Chicago, Ill. Brake hanger bracket. 2,188,268; Jan. 23.
Light, David M., assignor to American Steel Foundries, Chicago, Ill. Brake hanger bracket. 2,194,445; Mar. 19.
Light, David M., assignor to American Steel Foundries, Chicago, Ill. Spring plankless truck. 2,199.360; Apr. 30.
Light, David M., assignor to American Steel Foundries, Chicago, Ill. Brake gear safety guard. 2,201,441; May 21.
Light, David M., assignor to American Steel Foundries, Chicago, Ill. Brake hanger bracket. 2,202,782; May 28.
Light, David M., assignor to American Steel Foundries, Chicago, Ill. Snubber. 2,212,814; Aug. 27.
Light, David M., assignor to American Steel Foundries, Chicago, Ill. Side frame. 2,222,484 · Nov. 19.
Light, Donald W. (See Swain, R. C., and Light.)
Light, Donald W., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Resin bonded electric resistor. 2,199,803; May 7.
Light, Donald W., Old Greenwich, and L. P. Moore, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Coating metals. 2,223,327; Light, George S., Winsted, Conn. Hydraulic motor. 2,222,819; Nov. 26.
Light, John H. (See Cook, L. R., and Light.)
Lightbody, Albert, Elizabeth, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treated pigment and producing the same. 2,187,130; Jan. 16.
Lighter, Stephen, Chicago, Ill. Shirt and collar protector. 2,204,419; June 11.
Lightfoot, Edwin N., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Belt conveyer. 2,215,647; Sept. 24.
Lightfoot, Richard D., Great Neck, assignor to Signaphone Corporation of America. Alarm system. 2,204,420; June 11.

Lighthill, Dean, Oakwood, Ohio. Downspout shield for eaves troughs. 2,210,248; Aug. 6.
Lightle, Harvey H. (See Miller, A. M., and Lightle.)
Lightning Fastener Company. (See Dahlin, Gustaf, assignor.)
Lignian, Jean A., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Making bearings. 2,195,749; Apr. 2.
Lignian, Jean A., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Lubricating system. 2,226,622; Dec. 31.
Lignocrete Ltd. (See Case, Gerald O., assignor.)
Lile, Ernest, Franklin, La. Fish trap. 2,196,928; Apr. 9.
Liley, Richard, Detroit, Mich. Hose reel. 2,193,288; Mar. 12.
Lilienfeld, Antonette. (See Lilienfeld, Leon.)
Lilienfeld, Antonie, administratrix. (See Lilienfeld, Leon.)
Lilienfeld, Leon; P. Abel, executor, or in case of his inability to act, E. Hunna, and A. Lilienfeld, Vienna, Austria, (Germany), sole heir. Treatment of vegetable fibers and artificial threads. 2,185,795; Jan. 2.
Lilienfeld, Leon, deceased, Vienna, Austria; A. Lilienfeld, special administratrix. Manufacture of shaped structures and other useful articles from cellulose derivatives. 2,224,874; Dec. 17.
Lilja, Edgar D., assignor, by mesne asignments, to Barber-Colman Company, Rockford, Ill. Electrical voltage transformation apparatus. 2,194,285; Mar. 19.
Lill, Friedrich, Vienna, Austria, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 2,198,010; Apr. 23.
Lill Friedrich, Vienna, Austria, and W. Pinell, Falkensee, assignors to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone metering system. 2,200,796; May 14.
Lilleberg, Ralph E., assignor to The Nye Tool and Machine Works, Chicago, Ill. Self-adjusting pipe wrench. 2,211,507; Aug. 13.
Lilleberg, Rosetta S., San Francisco, Calif. Baby carriage storm shield. 2,218.043; Oct. 15.
Lilleberg, Tideman M., Chicago, Ill., assignor to The Nye Tool & Machine Works. Work holder. 2,200,927; May 14.
Lilley, Clifford A., Detroit, Mich. Assist cord fastening. 2,194,461; Mar. 26.
Lilley, Samuel C., Hamden, assignor to The American Mills Company, New Haven, Conn. Elastic fabric and production. 2,197,188; Apr. 16.
Lillie, Howard R. (See Littleton, T. J., Lillie, and Shaver.)
Lilly, Eli, and Company. (See Bibbins, Francis E., assignor.)
Lilly, Eli, and Company. (See Fortune, William B., assignor.)
Lilly, Eli, and Company. (See Kharasch, M. S., and Legault, assignors.)
Lilly, Eli, and Company. (See Kharasch, M. S., and Reinmuth, assignors.)
Lilly, Eli, and Company. (See Miller, Charles R., assignor.)
Lilly, Eli, and Company. (See Shonle, Horace A., assignor.)
Lilly, Eli, and Company. (See Shonle, H. A., and Doran, assignors.)
Lilly, Ely, and Company. (See Stuart, Elmer H., assignor.)
Lilly, Eli, and Company. (See Thompson, Marvin R., assignor.)
Lilly, Eli, and Company. (See Walden, George B., assignor.)
Lima Locomotive Works, Incorporated. (See Bush, Robert R., assignor.)
Limb, Marcus G. (See Woodward, W. L., and Limb.)
Limbach, Henry C., assignor to Product Development Quest, Inc., Detroit, Mich. Lawn mower. 2,199,919; May 7.
Limbacher, Walter. (See Krzikalla, H., and Limbacher.)
Limberg, Wayne, et al. (See Browner, William, assignor.)
Limbers, Earl F., Castle Shannon, Pa. Air conditioner. 2,223,492; Dec. 3.
Limburg, Hijman, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Sealing water bearing strata. 2,223,789; Dec. 3.
Limerick, Donald A., and H. C. Lawton, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Treating oil wells. 2,204,224; June 11.
Limerick, Donald A., Oakland, and H. C. Lawton, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Treating oil wells. 2,221,353; Nov. 12.
Limpert, Alexander S. (See Limpert, Sylvester A. and A. S.)
Limpert, Sylvester A. and A. S., Bay Shore, N. Y. Rotary reciprocating compressor. 2,201,188; May 21.
Linaberry, Robert H., Arnolds Park, Iowa. Rake. 2,206,612; July 2.
Linch, Adrian L. (See Tinker, J. M., and Linch.)
Linch, Warren J., Los Angeles, Calif. Safety heater. 2,192,920; Mar. 12.
Linckh, Eduard. (See Duftschmid, F., Linckh, and Winkler.)
Linckh, Eduard. (See Winkler, F., and Linckh.)
Lincks, George F., Pittsfield, Mass., assignor to General Electric Company. Electric switching device. 2,189,588; Feb. 6.
Lincks, George F., Pittsfield, Mass., assignor to General Electric Company. Electric circuit interrupter. 2,197,646; Apr. 16.
Lincoln, Bert H., Ponca City, Okla., assignor, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Engine fuel. 2,214,768; Sept. 17.
Lincoln, Bert H., and W. L. Steiner, assignors to Continental Oil Company, Ponca City, Okla. Sulphurized oil. 2,186,646; Jan. 9.
Lincoln, Bert H., and G. D. Byrkit, assignors to Continental Oil Company, Ponca City, Okla. Sulphur compounds and synthesizing the same. 2,199,361; Apr. 30.
Lincoln, Bert H., and W. L. Steiner, assignors to Continental Oil Company, Ponca City, Okla. Sulphurized oil. 2,204,538; June 11.
Lincoln, Bert H., and W. L. Steiner, and A. Henriksen, deceased, by J. W. Wolfe, administrator de bonis non, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricant and method of lubrication. 2,206,573; July 2.
Lincoln, Bert H., and G. D. Byrkit, assignors to Continental Oil Company, Ponca City, Okla. Lubricating oil. 2,213,804; Sept. 3.
Lincoln, Bert H., Ponca City, and A. Henriksen, deceased, J. W. Wolfe, administrator de bonis non, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricant. 2,213,988; Sept. 10.
Lincoln, Bert H., and W. L. Steiner, assignors to Continental Oil Company, Ponca City, Okla. Stabilized high film strength lubricating oil. 2,217,173; Oct. 8.
Lincoln, Bert H., W. L. Steiner, and G. D. Byrkit, assignors to Continental Oil Company, Ponca City, Okla. Sulphur containing lubricant. 2,218,132; Oct. 15.
Lincoln, Bert H., W. L. Steiner, and G. D. Byrkit, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating oil. 2,223,766; Dec. 3.
Lincoln Electric Company, The. (See Landis, G. G., and Stringham, assignors.)
Lincoln Engineering Company. (See Barks, F. S., Fox, Rotter, and Linders, assignors.)
Lincoln Engineering Company. (See Fox, A. P., and Klein, assignors.)
Lincoln Engineering Company. (See Klein, Victor G., assignor.)
Lincoln Engineering Company. (See Klein, V. G., and Jordan, assignors.)
Lincoln Engineering Company. (See Rotter, L. C., and Klein, assignors.)
Lincoln, Hawley W., Hamden, Conn. Clamping device. 2,197,310; Apr. 16.
Lincoln, John C. (See Freund, Morris, assignor.)
Lincoln, John C., et al. (See Neely, William H., assignor.)
Lincoln Locker Corporation. (See Larson, Hilding, assignor.)
Lincoln, Mark, assignor to The H. A. Wilson Company, Newark, N. J. Uniting metal objects. 2,195,314; Mar. 26.
Lincoln Meter Company. (See Downing, William C., Jr., assignor.)
Lincoln Niagara Corporation. (See Jephson, Allen C., assignor.)
Lincoln Tank Company. (See Zigler, Carl S.)
Lincoln, William P. (See Zigler, Carl S., assignor.)
Lind, Carl M., Waukegan, and J. H. Thomas, North Chicago, Ill., assignors to The American Steel and Wire Company of New Jersey. Crossed helical furniture tie spring. 2,202,562; May 28.
Lind, Francis T. (See Porter, H. W., and Lind.)
Lind, Francis T., assignor to H. K. Porter, Inc., Everett, Mass. Hand pruner or like tool. 2,189,211; Feb. 6.
Lind, Ivan. (See Wikander, A. J., Lind, and Wisdom.)
Lind, Rudolf, Euclid, W. J. Harshaw, Shaker Heights, and K. E. Long, South Euclid, assignors to The Harshaw Chemical Company, Elyria, Ohio. Electrodeposition of metals. 2,198,267; Apr. 23.
Lind, Rudolf, Euclid, W. J. Harshaw, Shaker Heights, and K. E. Long, South Euclid, assignors to The Harshaw Chemical Company, Elyria, Ohio. Electrodeposition of metals. 2,198,268; Apr. 23.
Lindae, William H., St. Louis, Mo. Disconnecting switch. 2,200,509; May 14.
Lindae, William H., St. Louis, Mo. Electrical switching and connecting apparatus. 2,211,955; Aug. 20.
Lindahl, Earl F. (See Russell, G. L., and Lindahl.)
Lindberg Engineering Company. (See Stevenson, Cary H., assignor.)
Lindberg, Folke, Chicago, Ill. Massaging device. 2,186,114; Jan. 9.
Lindblad, Axel R., Stockholm, and F. O. Herneryd, Skelleftehamn, Sweden, assignors to Imperial Chemical Industries Limited, London, England, and Bolidens Gruvaktiebolag, Stockholm, Sweden. Producing elemental sulphur by reaction between sulphureted hydrogen and sulphur dioxide. 2,200,928; May 14.
Lindbladh Corporation, The. (See Clarke, Charles E., assignor.)

Lindblom, Carl G. S., assignor to Svenska Ackumulator Altiebolaget Jungner, Stockholm, Sweden. Induction apparatus. 2,192,553; Mar. 5.
Lindblom, Frank W., Cranston, R. I., assignor to Welsh Manufacturing Company. Ophthalmic mounting. 2,221,736; Nov. 12.
Linde Air Products Company, The. (See Baird, A. W., and Outcalt, assignors.)
Linde Air Products Company, The. (See Bucknam, James H., assignor.)
Linde Air Products Company, The. (See Bucknam, J. H., and Jones, assignors.)
Linde Air Products Company, The. (See Bucknam, J. H., and Miller, assignors.)
Linde Air Products Company, The. (See Bucknam, J. H., Miller, and Keller, assignors.)
Linde Air Products Company, The. (See Bucknam, J. H., and Young, assignors.)
Linde Air Products Company, The. (See Clapp, Edwin A., assignor.)
Linde Air Products Company, The. (See Davis, Arthur W., assignor.)
Linde Air Products Company, The. (See Doyle, Edmund A., assignor.)
Linde Air Products Company, The. (See Eskridge, Cecil V., assignor.)
Linde Air Products Company, The. (See Gaines, John M., Jr., assignor.)
Linde Air Products Company, The. (See Jones, Homer W., assignor.)
Linde Air Products Company, The. (See Jones, H. W., and Bucknam, assignors.)
Linde Air Products Company, The. (See Jones, H. W., Bucknam, and Doyle, assignors.)
Linde Air Products Company, The. (See Jones, H. W., Bucknam, and Jacobsson, assignors.)
Linde Air Products Company, The. (See Jones, Lloyd T., assignor.)
Linde Air Products Company, The. (See Kehl, Robert J., assignor.)
Linde Air Products Company, The. (See Kennedy, Harry E., assignor.)
Linde Air Products Company, The. (See Lewbers, Mys M., assignor.)
Linde Air Products Company, The. (See Nicholson, W. B., and Jones, assignors.)
Linde Air Products Company, The. (See Skinner, George M., assignor.)
Linde Air Products Company, The. (See Smith, George H., assignor.)
Linde Air Products Company, The. (See Walker, Wesley S., assignor.)
Linde Air Products Company, The. (See Zenner, George H., assignor.)
Linde Air Products Company, The. (See Zobel, T., and Moetzlin, assignors.)
Linde, Hans, and A. Soller, Michigan City, Ind. Calibration adjusting means. 2,186,553; Jan. 9.
Linde, Hilding, Kalmar, Sweden. Refuse collecting container. 2,223,690; Dec. 3.
Linde, John A., Brooklyn, N. Y. Orthodontic adjusting tool. 2,187,747; Jan. 23.
Linde, Leonard J., Drexel Hill, Pa., assignor to General Electric Company. Electric circuit breaker. 2,192,045; Feb. 27.
Linde, Leonard J., Drexel Hill, and T. Andersen, Yeadon, Pa., assignors to General Electric Company. Electric circuit breaker. 2,218,797; Oct. 22.
Lindeberg, Carl, De Kalb, Ill., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Accordion construction. 2,185,984; Jan. 2.
Lindeberg, Carl, De Kalb., Ill., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Accordion construction. 2,188,085; Jan. 23.
Lindeberg, Carl, De Kalb, Ill., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Bellows latch device for accordions. 2,197,980; Apr. 23.
Lindeberg, Carl, De Kalb, Ill., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Accordion shift mechanism. 2,208,375; July 16.
Lindeberg, Carl, De Kalb, Ill., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Treble piano action for accordions. 2,220,724; Nov. 5.
Lindeberg, Carl, De Kalb, Ill., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Bass strap adjuster for accordions. 2,221,980; Nov. 19.
Lindeman, Edward H., Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Vehicle spring. 2,192,646; Mar. 5.
Lindeman, James E., Evanston, assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorbing mechanism. 2,217,870; Oct. 15.
Lindeman, Jesse G., Yakima, Wash., assignor to Deere & Company, Moline, Ill. Wheel mounting for land vehicles. 2,197,273; Apr. 16.
Lindemann, Charles A., Bridgeport, Conn., assignor to General Electric Company. Ironing machine. 2,188,791; Jan. 30.
Lindemann, Charles A., Bridgeport, Conn., assignor to General Electric Company. Table. 2,198,480; Apr. 23.
Lindemann, Charles A., Bridgeport, Conn., assignor to General Electric Company. Puff iron. 2,209,822; July 30.
Lindemann, George E., assignor to Republic Flow Meters Company, Chicago, Ill. Recording instrument. 2,194,091; Mar. 19.
Lindemann, George E., assignor to Republic Flow Meters Company, Chicago, Ill. Recording instrument pen. 2,199,078; Apr. 30.
Lindemann, Herbert E., assignor to Perfex Corporation, Milwaukee, Wis. Air conditioning apparatus. 2,211,335; Aug. 13.
Lindemann, Herbert E., assignor to Perfex Corporation, Milwaukee, Wis. Thermal electric switch. 2,216,748; Oct. 8.
Lindemuth, Ralph L., Pittsburgh, Pa. Stoker. 2,201,780; May 21.
Lindenberg, Wilhelm, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Adjusting the objective of a photographic apparatus, particularly a photographic camera. 2,196,733; Apr. 9.
Lindenberg, Wilhelm, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Roll holding camera. 2,218,245; Oct. 15.
Lindenberger, Henry, and A. Sugar, Chicago, Ill., assignors to U. S. Reduction Co., East Chicago, Ind. Reducing magnesium content of aluminum-base alloys. 2,195,217; Mar. 26.
Lindenberger, Henry. (See Kaufmann, Marvin L., assignor.)
Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Short wave signaling. Re. 21,590; Oct. 1.
Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electron discharge device circuit and mounting arrangement. 2,192,711; Mar. 5.
Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. System for multiplex transmission. 2,193,875; Mar. 19.
Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Short wave broadcast antenna. 2,197,051; Apr. 16.
Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Antenna. 2,199,375; Apr. 30.
Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. High voltage generator. 2,210,492; Aug. 6.
Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Amplifier. 2,224,915; Dec. 17.
Lindenblad, Nils E., Rocky Point, N. Y., assignor to Radio Corporation of America. Resistor. 2,215,184; Sept. 17.
Lindenblad, Nils E., Rocky Point, N. Y., assignor to Radio Corporation of America. Radio communication. 2,217,911; Oct. 15.
Lindequist, Charles J., Walpole, assignor to Bird Machine Co., South Walpole, Mass. Screening mechanism. 2,215,818; Sept. 24.
Linder, Ernest G., Philadelphia, Pa., assignor to Radio corporation of America. Magnetron modulator. Re. 21,458; May 21.
Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America. Magnetron. 2,206,639; July 2.
Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America. Magnetron modulator. 2,219,745; Oct. 29.
Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America. Electron multiplier. 2,220,161; Nov. 5.
Linder, Ludwig, Berlin-Spandau, Germany. Electrolytic condenser. 2,224,307; Dec. 10.
Linder, Ludwig, Berlin-Spandau, Germany, assignor, by mesne assignments, to Radio Patents Corporation, trustee. Electrolyte and electric condenser made therewith. 2,227,146; Dec. 31.
Linder, Rosanne, Upper Darby, Pa. Girdle garter. 2,223,216; Nov. 26.
Linder, Rudolf, Stuttgart-Degerloch, assignor to Robert Bosch Gesellschaft mit Beschränkter Haftung, Stuttgart, Germany. Apparatus for preventing stalling of carburetor engines. 2,211,336; Aug. 13.
Linder, Willy, Essen-Bredeney, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Dust precipitator. 2,194,361; Mar. 19.
Linder, Willy, Essen-Bredeney, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Regenerative gas heater or stove. 2,198,054; Apr. 23.
Linder, Willy, Essen, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Electric steel furnace or the like. 2,200,372; May 14.
Linders, William Z. (See Barks, F. S., Fox, Rotter, and Linders.)
Lindgren, Alexus C. (See Johnston, E. A., and Lindgren.)
Lindgren, Alexus C., Chicago, Ill., assignor to International Harvester Company. Tractor implement attachment. 2,200,777; May 14.
Lindgren, Alexus C., Chicago, Ill., assignor to International Harvester Company. Dump cart. 2,217,871; Oct. 15.
Lindgren, Alexus C., Chicago, Ill., assignor to International Harvester Company. Roll-over type dammer. 2,221,550; Nov. 12.

Lindgren, Alexus C., Chicago, and C. W. Mott, Rock Falls, Ill., assignors to International Harvester Company. Lift mechanism for tractors. 2,213,401; Sept. 3.
Lindgren, Alexus C., Chicago, and C. R. Raney, Riverside, Ill., assignors to International Harvester Company. Corn picker. 2,217,872; Oct. 15.
Lindgren, Alexus C., Chicago, and H. P. Smith, Canton, Ill., assignors to International Harvester Company. Tractor implement. 2,221,549; Nov. 12.
Lindgren, Alexus C., Chicago, and C. R. Raney, Riverside, Ill., assignors to International Harvester Company. Harvester thresher. 2,224,970; Dec. 17.
Lindgren, Alexus C., and A. E. W. Johnson, Chicago, Ill., assignors to International Harvester Company. Ground working implement. 2,224,971; Dec. 17.
Lindgren, Ferdinand, assignor to Boering Specialty Co., Bridgeport, Conn. Press. 2,216,710; Oct. 1.
Lindgren, Hans O., Appelviken, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal separator. 2,195,730; Apr. 2.
Lindgren, Hans O., Appelviken, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal separator. 2,216,442; Oct. 1.
Lindgren, Maria (Majen). (See Holmlund, Gunnar, assignor.)
Lindgren, Ralph M. (See Chapman, A. D., and Lindgren.)
Lindhagen, Manne T., and A. Lysholm, assignors to Aktiebolaget Milo, Stockholm, Sweden. Gas turbine system. 2,225,310; Dec. 17.
Lindholm, Arthur W., East Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging. 2,202,213; May 28.
Lindholm, Carl F., Webster Groves, assignor to Independent Die and Supply Company, St. Louis, Mo. Die stock and die made therefrom. 2,211,213; Aug. 13.
Lindhurst, Roland W. (See Hasler, M. F., Lindhurst, and Cravitz.)
Lindi, Elenita, New York, N. Y. Face lifting device. 2,211,378; Aug. 13.
Lindig, Johannes, Plauen, Germany. Profiling attachment. 2,219,232; Oct. 22.
Lindlau, August. (See Meyer, U., Braun, Unterbusch, Lindlau, and Kern.)
Lindley Box and Paper Company. (See Lindley, Harry H., assignor.)
Lindley, Charles H., St. Louis, and O. Sliger, University City, Mo. Hinge structure. 2,219,524; Oct. 29.
Lindley, Charles V., assignor of thirty-three and one-third to R. D. Scott, Flint, Mich. Automatic shut-off valve. 2,200,697; May 14.
Lindley, Harry H., assignor to Lindley Box and Paper Company, Marion, Ind. Fiber box. 2,217,757; Oct. 15.
Lindley, Harry H., assignor to Lindley Box & Paper Company, Marion, Ind. Sanitary display package construction. 2,225,060; Dec. 17.
Lindner, Fritz. (See Lautenschlager, C. L., and Lindner.)
Lindner, Herbert. (See Möller, Georg, assignor.)
Lindner, John C. (See Howe, W. K., and Lindner.)
Lindner, John C., assignor to General Railway Signal Company, Rochester, N. Y. Highway crossing gate. 2,220,162; Nov. 5.
Lindner, Josef, assignor, by mesne assignments, to Metallbesatz Willy Klotzer & Co., Nuremberg, Germany. Device for supplying fastener elements. 2,217,121; Oct. 8.
Lindner, Karl A., Baltimore, Md., assignor to American Smelting and Refining Company, New York, N. Y. Casting wheel control. 2,203,831; June 11.
Lindner, Karl A., Plainfield, and B. Di Santo, Woodbridge, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Material handling mechanism. 2,202,702; May 28.
Lindner, Kurt, Berlin, Germany, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Tanning hides and skins. 2,218,582; Oct. 22.
Lindner, Theodor, New York, N. Y. Money rack. 2,205,298; June 18.
Lindner, Werner. (See Grantz, S., and Lindner.)
Lindner, Werner, and S. Grantz, assignors to Maschinenfabrik Augsburg-Nurnberg A. G., Augsburg, Germany. Internal combustion engine. 2,209,782; July 30.
Lindow, Edward H., et al. (See Helbing, George A., Jr., assignor.)
Lindquist, Albert W., Edgewood, R. I., assignor to Freeman Daughaday Company. Tie holder construction. 2,219,960; Oct. 29.
Lindquist, Carl. (See Lawson, G. C., and Lindquist.)
Lindquist, David L., White Plains, assignor to Otis Elevator Company, New York, N. Y. Elevator rope hitch. 2,214,139; Sept. 10.
Lindquist, David L., White Plains, and A. E. Handy, Lynbrook, assignors to Otis Elevator Company, New York, N. Y. Moving stairway handrail drive. 2,221,403; Nov. 12.
Lindsay, C. Hunter. (See Lindsay, Harvey B. and C. H.)
Lindsay, Charles H., Evanston, assignor to Dry-Zero Corporation, Chicago, Ill. Extension hinge. 2,205,484; June 25.
Lindsay, Frederick K., La Grange, and D. G. Braithwaite, assignors to National Aluminate Corporation, Chicago, Ill. Water treatment. 2,194,524; Mar. 26.
Lindsay, Harvey B. and C. H., Evanston, assignors to Dry-Zero Corporation, Chicago Ill. Strip punching machine. 2,209,407; July 30.
Lindsay, Henry, Limited. (See Lindsay, Henry L., assignor.)
Lindsay, Henry, assignor to Henry Lindsay Limited, Bradford, England. Hook adapter for bolts. 2,189,011; Feb. 6.
Lindsay, Henry, assignor to Henry Lindsay Limited, Bradford, England. Clamping girders and the like together. 2,210,249; Aug. 6.
Lindsay, John D., Wilmette, and E. J. Wiggins and J. A. Press, Chicago, Ill., assignors to American Emblem Company, Inc., New Hartford, N. Y. Visual tuning indicator. 2,188,136; Jan. 23.
Lindsay, Maxwell H. A., Summit, N. J., assignor to American District Telegraph Company, New York, N. Y. Photoelectric burglar alarm system. 2,227,147; Dec. 31.
Lindsay Ripe Olive Company. (See Drake, Edward P., assignor.)
Lindsay Ripe Olive Company. (See Kagley, Herbert W., assignor.)
Lindsay Wire Weaving Company, The. (See Crossman, F., and Southam, assignors.)
Lindsay Wire Weaving Company, The. (See Dilley, Donald C., assignor.)
Lindsay Wire Weaving Company, The. (See Sutton, Walter C., assignor.)
Lindsey, Alfred A., et al. (See Smith, Russell H., assignor.)
Lindsey, Earnest M., Dayton, Ohio. Gas engine. 2,217,912; Oct. 15.
Lindsey, Nathan G. (See Jolly, L. S., and Lindsey.)
Lindstaedt, Frank F., Oakland, Calif. Spray apparatus. 2,188,366; Jan. 30.
Lindstaedt, Frank F., Oakland, Calif. Parasiticidal oil spray. 2,210,420; Aug. 6.
Lindstaedt, Frank F., Oakland, Calif. Horticultural spray oil. 2,222,109; Nov. 19.
Lindstedt, Alfred. (See Sartov, H., and Lindstedt.)
Lindstrom, Bengt, Stockholm, Sweden. Closing means for tubes, bottles, or other containers. 2,193,517; Mar. 12.
Lindstrom, Charles W., Rochester, N. Y. Combined warning and indicating signal. 2,199,264; Apr. 30.
Lindstrom, Elmer H, assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Locking device. 2,194,801; Mar. 26.
Lindstrom, Reuben, Wisconsin Rapids, Wis. Wind driven vehicle. 2,206,197; July 2.
Lindstrom, Ture, Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,186,251; Jan. 9.
Lindstrom, Ture, Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,192,046; Feb. 27.
Lindstrom, Ture, Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit controlling device. 2,199,641; May 7.
Line Material Company. (See Earle, Ralph H., assignor.)
Line Material Company. (See Hendricks, John B., assignor.)
Line Material Company. (See Lee, L. H., and Guthrie, assignors.)
Line Material Company. (See Lemont, Clarence J., assignor.)
Line Material Company. (See Schultz, William O., assignor.)
Line Material Company. (See Schultz, W. O., and Steinmayer, assignors.)
Line Material Company. (See Smythe, Robert L., assignor.)
Line Material Company. (See Steinmayer, Alwin G., assignor.)
Line Material Company. (See Ziemer, Elizabeth M., assignor.)
Linebarger, Charles E., assignor to The Chaslyn Company, Chicago, Ill. Hydrometer. 2,185,205; Jan. 2.
Lineberger, Jack E. (See Young, General C., assignor.)
Lineman, Harry M., Los Angeles, Calif. Spraying attachment. 2,218,759; Oct. 22.
Linen Thread Co., The. (See Bunker, Royce S., assignor.)
Liner, Joseph I., Toledo, Ohio. Thermoelectric liquid level gauge. 2,192,447; Mar. 5.
Liner, Joseph I., Toledo, Ohio. Float-operated liquid level gauge. 2,198,055; Apr. 23.
Lines, Edwin M. (See Graham, J. E., and Lines.)
Lines, Harold A., West Haven, assignor of one-half to A. G. Purdue, New Haven, Conn. Electrical heating of storage and transportation system of a viscous fluid. 2,224,403; Dec. 10.
Lingal, Harry J., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupting device. 2,223,731; Dec. 3.
Lingal, Harry J., Wilkinsburg, and E. E. Arnold, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Condenser bushing. 2,189,610; Feb. 6.
Lingg, Alfred, Munich, and P. Frost, Munich-Neuharlaching, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Daylight photographic developing apparatus. 2,194,603; Mar. 26.
Lingley, Alfred B. (See Chace, C. H., Lingley, and McCarthy.)

Lingo, Frank M., Columbus, Ohio. Smoking pipe. 2,192,448; Mar. 5.
Linja, Gust R. (See Ravi, R. J., and Linja.)
Link, Albert C., Oak Park, Ill. Gripping member for golf clubs. Re. 21,439; Apr. 30.
Link-Belt Company. (See Campbell, William S., assignor.)
Link-Belt Company. (See Davis, N. L., Drinkwater, and Carlisle, assignors.)
Link-Belt Company. (See Lauenstein, Carl F., assignor.)
Link-Belt Company. (See Lauenstein, C. F., and Brinkworth, assignors.)
Link-Belt Company. (See Parker, Richard W., assignor.)
Link-Belt Company. (See Pierce, Harold S., assignor.)
Link-Belt Company. (See Suman, R. W., and Schmidt, assignors.)
Link-Belt Company. (See Weiss, Charles R., assignor.)
Link-Belt Company. (See Wileman, Crozier S., assignor.)
Link-Belt Company. (See Young, Charles M., Jr., assignor.)
Link-Belt Speeder Corporation. (See Baker, Walter, assignor.)
Link-Belt Speeder Corporation. (See Ekbom, Hilmer N., assignor.)
Link-Belt Speeder Corporation. (See Ekbom, H. N., and Korensky, assignors.)
Link, Charles T., Chicago, Ill. Pencil. 2,207,810; July 16.
Link, Forest, Silverton, assignor to The Globe-Wernecke Company, Norwood, Ohio. Card index cabinet. 2,203,166; June 4.
Link, Forest L. W., Silverton, assignor to The Globe-Wernicke Company, Norwood, Ohio. Follower for card drawers or the like. 2,187,832; Jan. 23.
Link, Forest L. W., Silverton, assignor to The Globe-Wernicke Company, Norwood, Ohio. Record element holder. 2,201,589; May 21.
Link, Forest L. W., Silverton, assignor to The Globe-Wernicke Company, Norwood, Ohio. Visible index card or pocket and marginal protecting strip therefor. 2,225,503; Dec. 17.
Link, John H., Merion, Pa., assignor to W. H. Miner, Inc., Chicago, Ill. Draft and buffing gear. 2,216,951; Oct. 8.
Link, Maximilian P., Los Angeles, Calif. Container construction. 2,190,990; Feb. 20.
Link, Simon, Berlin-Spandau, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Magnetron oscillator and modulation means therefor. 2,220,968; Nov. 12.
Link, William H., assignor of forty-nine per cent to E. V. Jones, Los Angeles, Calif. Expansible hose nozzle. 2,202,459; May 28.
Linke, Gerhard, Magdeburg, assignor to Fried. Krupp, Grusonwerk, Aktien-Gesellschaft, Magdeburg/Buchau, Germany. Grinding mill. 2,208,077; July 16.
Linke, Gerhard, Magdeburg, assignor to Fried. Krupp, Grusonwerk, Aktien-Gesellschaft, Magdeburg-Buckau, Germany. Gyratory washer. 2,222,777; Nov. 26.
Linke, Gerhard, and A. Voegel, Magdeburg, assignor to Fried. Krupp, Grusonwerk, Aktiengesellschaft, Magdeburg-Buckau, Germany. Scrubbing machine. 2,222,776; Nov. 26.
Linker, Herbert, executor. (See Linker, Oskar.)
Linker, Oskar, Leipzig, Germany, deceased; H. Linker, executor, assignor of one-half to Z. G. Schönborn, Kout na Sumave, Czechoslovakia. Dehydrating peat or the like. 2,212,444; Aug. 20.
Linköpings Armatur-och Metallfabriks Aktiebolag. (See Schibbye, Lauritz B., assignor.)
Links, Errett, Moline, Ill. Light filter. 2,211,238; Aug. 13.
Linn, Howard, Girard, Ohio. Strip coiling machine. 2,221,354; Nov. 12.
Linn, William J., Pittsburgh, Pa. Fuel atomizer of the Venturi type. 2,191,218; Feb. 20.
Linney, Scotty A., Refugio, Tex. Tool joint pin. 2,210,815; Aug. 6.
Linnhoff, Wolfgang. (See Stoeckly, J. J., and Linnhoff.)
Linograph Corporation. (See Murray, Clay E., assignor.)
Linotone Corporation. (See Huggins, Owen R., assignor.)
Linotype and Machinery Limited. (See Cory, John R., assignor.)
Linotype and Machinery Limited. (See Ellis, Herbert, assignor.)
Linotype and Machinery Limited. (See Gayter, E., and Hayward, assignors.)
Linotype and Machinery Limited. (See Scott, Richard H., assignor.)
Linotype and Machinery Limited. (See Scott, R. H., Gorse, and Hayward, assignors.)
Linotype Parts Company. (See Cook, Cleo E., assignor.)
Linotype Parts Company. (See Johannesen, F., and Swenson, assignors.)
Linscott, Chester E. (See McGavack, J., and Linscott.)
Linse, Fritz, Chemnitz, Saxony, and A. Bellmann, Glauchau, Saxony, Germany. Machine for grinding gear teeth by the generating process. 2,207,018; July 9.
Linsell, Alfred A., Sydenham, London, England, assignor to Radio Corporation of America. Electron multiplier. 2,188,410; Jan. 30.
Linsell, Alfred A., Sydenham, London, England, assignor to Radio Corporation of America. Television system. 2,200,753; May 14.
Linsell, Alfred A., Sydenham, London, England, assignor to Radio Corporation of America. Television receiver. 2,202,390; May 28.
Linsell, Alfred A., Sydenham, London, England, assignor to Radio Corporation of America. Television receiver. 2,226,229; Dec. 24.
Linsell, Alfred A., Sydenham, London, England, assignor to Radio Corporation of America. Signaling circuit. 2,226,230; Dec. 24.
Linsley, Douglas F. (See Carter, P. M., and Linsley.)
Linsley, Douglas F. (See Carter, P. M., Linsley, and Larsen.)
Linsley, Douglas F. (See Peo, R. F., Chisholm, and Linsley.)
Linsley, Douglas F., Old Greenwich, Conn. Combined vacuum operated clutch and gearshift. 2,226,205; Dec. 24.
Linsmayer, James B. (See Wolfater, John, assignor.)
Linstead, Reginald P. (See Heilbron, I. M., Irving, and Linstead.)
Linstead, Reginald P., London, and C. E. Dent, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacturing halogenated phthalocyanines. 2,214,469; Sept. 10.
Linstra, Ralph, assignor of one-fourth to O. and J. Sikkema, Preakness, N. J. Railway signal and control system. 2,214,795; Sept. 17.
Lintern, Alfred R. (See Lintern, William and A. R.)
Lintern, Alfred R., assignor to Evans Products Company, Detroit, Mich. Vehicle ventilating and air conditioning apparatus. 2,200,992; May 14.
Lintern, Alfred R., assignor to Evans Products Company, Detroit, Mich. Vehicle ventilation apparatus. 2,202,703; May 28.
Lintern, William and A. R., Cleveland, Ohio, assignors, by mesne assignments, to Evans Products Company, Detroit, Mich. Vehicle body ventilator. 2,210,592; Aug. 6.
Linton, John J. (See Caldwell, S. H., and Linton.)
Linton, William C., assignor to Fuse Indicator Corporation, Washington, D. C. Leak resistor. 2,206,780; July 2.
Linton, William C., assignor to Fuse Indicator Corporation, Washington, D. C. Indicating fuse. 2,206,781; July 2.
Linton, William C., assignor to Fuse Indicator Corporation, Washington, D. C. Plug fuse. 2,206,782; July 2.
Linton, William C., assignor to Fuse Indicator Corporation, Washington, D. C. Fuse indicator. 2,206,783; July 2.
Linton, William C., assignor to Fuse Indicator Corporation, Washington, D. C. Indicator for cartridge type fuses. 2,206,784; July 2.
Linton, William C., assignor to Fuse Indicator Corporation, Washington, D. C. Multiple fuse. 2,206,785; July 2.
Linton, William C., assignor to Fuse Indicator Corporation, Washington, D. C. Indicating plug fuse. 2,206,786; July 2.
Linton, William C., assignor to Fuse Indicator Corporation, Washington, D. C. Nontamperable fuse. 2,206,787; July 2.
Linton, William L. (See Hope, G. A., Linton, and Pratt.)
Lintz, Mark, assignor to Calaveras Cement Company, San Francisco, Calif. Hauling bulk cement. 2,222,083; Nov. 19.
Lintzel, Hermann. (See Fischer, Ernst and J., and Gabriel, Lintzel, and Menke.)
Linville, George R., Los Angeles, Calif., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Combination packer. 2,207,019; July 9.
Linzell, Harry K., Greenville, Miss., assignor to United States Gypsum Company, Chicago, Ill. Making pressed board products. 2,215,244; Sept. 17.
Linzell, Harry K., and J. W. Gill, Oak Park, assignors to United States Gypsum Company, Chicago, Ill. Manufacture of compressed cellulosic or wood products. 2,198,269; Apr. 23.
Lion, Kurt S., Istanbul, Turkey. Automatic calculation apparatus. 2,193,929; Mar. 19.
Lion, Leopold, Berlin-Charlottenburg, Germany. Luminous advertising device. 2,189,506; Feb. 6.
Lion Manufacturing Corporation. (See Wahl, John C., assignor.)
Lionel Corporation, The. (See Bonanno, Joseph L., assignor.)
Lionel Corporation, The. (See Ferri, Henry J., assignor.)
Lionel Corporation, The. (See Haupt, William E., assignor.)
Lionel Corporation, The. (See Pettit, Frank, assignor.)
Lipe, W. C., Inc. (See Spase, Charles B., assignor.)
Lipkin, David, assignor to The Atlantic Refining Company, Philadelphia, Pa. Phosphonitrilic condensation product. 2,192,921; Mar. 12.
Lipkin, David, assignor to The Atlantic Refining Company, Philadelphia, Pa. Synthetic resinous material. 2,214,769; Sept. 17.
Lipkin, David, Berkeley, Calif., assignor to The Atlantic Refining Company, Philadelphia, Pa. Motor fuel. 2,210,942; Aug. 13.

Lipkin, David, Berkeley, Calif., assignor to The Atlantic Refining Company, Philadelphia, Pa. Fuel for compression ignition engines. 2,221,839; Nov. 19.
Lipkovski, Moses. (See Panov, A., and Lipkovski.)
Lipman, Carl E. L., Kenilworth, assignor, by mesne assignments, to W. Freeman, Chicago, Ill. Refrigerator. Re. 21,364; Feb. 20.
Lipp, Julius J., Chicago, Ill. Signal apparatus. 2,208,297; July 16.
Lippard, Herman I., Winston-Salem, N. C. Needle. 2,190,792; Feb. 20.
Lippencott, Morss, et al. (See Peck, Robert E., assignor.)
Lippert, Henry E., Pittsburgh, Pa. Locomotive fuel conveyer. 2,189,074; Feb. 6.
Lippert, Henry E., Pittsburgh, Pa. Fuel distributing apparatus. 2,189,075; Feb. 6.
Lippert, Walter C. (See Gaines, E. F., and Lippert.)
Lippincott Donald K., Larkspur, Calif., assignor, by mese assignments, to Farnsworth Television & Radio Corporation, Dover, Del. System of picture transmission. 2,226,436; Dec. 24.
Lippincott, George H., New York, and E. H. Ruppert, Brooklyn, N. Y. Hot air furnace and controls therefor. 2,199,183; Apr. 30.
Lippincott, Stanley S. (See Bohmer, H., Jr., and Lippincott.)
Lippmann Engineering Works. (See Clicquennoi, I. M., and Weimer, assignors.)
Lippmann, Walter E. (See Clicquennoi, I. M., and Weimer, assignors.)
Lippold, Adolph J., Milwaukee, Wis., assignor to Cherry-Burrell Corporation, Chicago, Ill. Lubricating system. 2,214,252; Sept. 10.
Lippold, Carl J., Wauwatosa, assignor to J. M. Nash Company, Milwaukee, Wis. Finishing and polishing method and equipment. 2,187,131; Jan. 16.
Lipps, William D., Frederick, Md., assignor to Ox Fibre Brush Company, Inc., New York, N. Y. Brush making machine. 2,187,791; Jan. 23.
Lipschitz, Milton, Jersey City, N. J. Automatic vent device. 2,198,452; Apr. 23.
Lipschultz, Louis E., St. Paul, Minn. Steering wheel cover and forming the same. 2,226,866; Dec. 31.
Lipsett, Solomon G., assignor to The Robert Mitchell Co. Limited, Montreal, Quebec, Canada. Window frame construction. 2,207,745; July 16.
Lipsius, Samuel, New York, N. Y. Composition for dull raised printing. 2,226,867; Dec. 31.
Lipson, Edward, Houston, Tex., assignor to Casolog Inc. Method and apparatus for logging wells. 2,222,149; Nov. 19.
Lipson, Edward, Houston, Tex., assignor to Casalog Inc. Alternating current method and apparatus for logging wells. 2,224,635; Dec. 10.
Lipton Manufacturing Co. (See Goldstein, Lewis W., assignor.)
Liquid Carbonic Corporation, The. (See Greiner, Clement F., assignor.)
Liquid Carbonic Corporation, The. (See Gruetter, John R., assignor.)
Liquid Carbonic Corporation, The. (See Hunt, Franklin B., assignor.)
Liquid Carbonic Corporation, The. (See Kantor, James, assignor.)
Liquid Carbonic Corporation. (See Wagner, Melvin, assignor.)
Liquidometer Corporation. (See de Giers, Clarence A., assignor.)
Lirette, Robert R., assignor of twenty per cent to V. Lirette, fourteen per cent to J. L. Cooper, and fifteen per cent to L. R. Wertheimer, New Orleans, La. Container for merchandise. 2,191,571; Feb. 27.
Lirette, Vergie, et al. (See Lirette, Robert R., assignor.)
Lisbon, Robert R., Hartford, assignor to The Union Manufacturing Company, New Britain, Conn. Chuck. 2,213,653; Sept. 3.
Lisi, Frank A., Philadelphia, Pa. Combined walking stick and bag. 2,210,493; Aug. 6.
Lisi, Frank A., Philadelphia, Pa. Shoe tree. 2,227,148; Dec. 31.
Liskin, Joseph, Brooklyn, assignor to Standard Corrugated Case Corporation, New York, N. Y. Folding shipping case. 2,189,076; Feb. 6.
Lisle Corporation. (See Brooks, Thomas E., assignor.)
Lisle, Dallas V. (See Deitrich, E. C., and Lisle.)
Lisowski, Anthony, Chicago, Ill. Transmission of power. 2,191,172; Feb. 20.
Lissauer, Adolph W., assignor to Louisville Drying Machinery Company, Louisville, Ky. Treatment of waste material. 2,187,501; Jan. 16.
Lissauer, Adolph W., assignor to Louisville Drying Machinery Company, Louisville, Ky. Distillery slop filtration. 2,220,844; Nov. 5.
Lisson-Melen Co. (See Levine, David I., assignor.)
List, Heinrich, Berlin-Lichterfelde, Germany. Electromagnetic device. 2,216,620; Oct. 1.
List, Heinrich, Berlin-Lichterfelde, Germany. Electric brake. 2,220,163; Nov. 5.
List, Heinrich, Berlin-Lichterfelde, Germany. Device for producing vibrations. 2,220,164; Nov. 5.
List, Raymond F., and J. W. Dawson, assignors to National Sewing Machine Company, Belvidere, Ill. Sewing machine spool holding means. 2,220,969; Nov. 12.
Lister, Charles A. (See Tillett, George H., assignor.)
Liston, Earle C., Denver, Colo. Tank construction for trailers and trucks. 2,211,239; Aug. 13.
Liston, John, assignor to Novelty Lighting Corporation, Cleveland, Ohio. Lamp cap for luminescent tubes or fluorescent lamps. 2,190,364; Feb. 13.
Liston, Thomas R., Hamburg, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Gum inhibitors and stabilized hydrocarbon compositions containing them. 2,207,063; July 9.
Litchfield, Elmer, assignor to The Oakville Basket Company Limited, Oakville, Ontario, Canada. Branding machine. 2,189,637; Feb. 6.
Litle, Thomas J., Jr., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Variable stroke agitator drive mechanism for washing machines. 2,194,430; Mar. 19.
Litle, Thomas J., Jr., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Agitator for washing machines. 2,199,027; Apr. 30.
Litle, Thomas J., Jr., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Agitator for washing machines. 2,199,028; Apr. 30.
Litle, Thomas J., Jr., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Agitator for washing machines. 2,212,373; Aug. 20.
Litle, Thomas J., Jr., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Laundry machine support. 2,214,733; Sept. 17.
Litle, Thomas J., Jr., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Clothes wringer. 2,227,096; Dec. 31.
Litolff, Osmond J., Metairie, assignor to Oil Well Tools, Inc., New Orleans, La. Tester and packer. 2,222,750; Nov. 26.
Litschgi, Rosalyn, St. Louis, Mo. Ashtray for cigarettes or cigars. 2,193,486; Mar. 12.
Litschgi, Rosalyn, St. Louis, Mo. Ash tray. 2,199,205; Apr. 30.
Litt, Annabelle, Chicago, Ill. Protective nail covering. 2,209,408; July 30.
Littell, F. J., Machine Co. (See Miller, Edgar R., assignor.)
Litter, Ferdinand J., New York, N. Y. Mechanical pick. 2,194,706; Mar. 26.
Littger, Anna M. (See Sommers, A. L., and Littger.)
Little, Arthur D., Inc. (See Avery, Julian M., assignor.)
Little, Arthur D., Incorporated. (See Crocker, Ernest C., assignor.)
Little, Arthur D., Incorporated. (See Fogler, B. B., and Grier, assignors.)
Little, Arthur D., Incorporated. (See Harford, Charles G., assignor.)
Little, Arthur D., Incorporated. (See Hosmer, H. W., and Stafford, assignors.)
Little, Arthur D., Incorporated. (See Kalman, Nicholas L., assignor.)
Little, Arthur D., Incorporated. (See Kleinschmidt, Robert V., assignor.)
Little, Arthur D., Incorporated. (See Marek, Leroy F., assignor.)
Little, Arthur D., Inc. (See Stevenson, E. P., and Fogler, assignors.)
Little, Bert A., Wichita, Kans. Tube testing device. 2,203,688; June 11.
Little, Bunyan H., assignor to Hercules Powder Company, Wilmington, Del. Treating skins for the manufacture of leather. 2,219,108; Oct. 22.
Little, David S., Riverton, N. J., assignor to Radio Corporation of America. Indicator. 2,216,952; Oct. 8.
Little, Donald G., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Communication system. 2,186,252; Jan. 9.
Little, Earl W., Indianapolis, Ind. Attachment for bird cages. 2,221,840; Nov. 19.
Little, Edward, Saginaw, Mich. Apparatus for cooling and degasifying liquids. 2,189,146; Feb. 6.
Little, Edward H., assignor of one-half to W. R. Vansant, Ashland, Ky. Apparatus for charring whisky barrels and staves. 2,185,206; Jan. 2.
Little, Edwin G. (See McWhirter, W. C., and Little.)
Little, Edwin G., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Circuit controller. 2,190,520; Feb. 13.
Little, Edwin G., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Flexible coupling. 2,223,217; Nov. 26.
Little, Edwin G., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Highway crossing gate. 2,223,218; Nov. 26.
Little, Ellwood E., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Oven door and hinge structure therefor. 2,198,346; Apr. 23.
Little, Glenn A. (See Monro, R., Motsinger, Scruton, and Little.)
Little, Harry C., Can Rafael, Calif. Floor furnace. 2,226,313; Dec. 24.
Little, Howard J., Fort Thomas, Ky., assignor, by mesne assignments, to The Andrews Steel Company. Surfacing unit. 2,211,508; Aug. 13.
Little, James M., Atlanta, Ga. Wheel and spoke structure. 2,217,873; Oct. 15.

Little, Jesse, Warwick, assignor to Davol Rubber Company, Providence, R. I. Large mouth nipple construction. 2,196,870; Apr. 9.

Little, John S., and J. N. Selvig, Westfield, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for clarifying liquid. 2,220,574; Nov. 5.

Little, John W., Pawtucket, R. I., assignor to Forbes Lithograph Manufacturing Company, Chelsea, Mass. Package. 2,201,956; May 21.

Little, Royal, Providence, F. W. Fraim, Cranston, R. I., and J. F. Tholl, Needham, Mass., assignors to Atlantic Rayon Corporation, Providence, R. I. Centrifugal extractor. 2,186,704; Jan. 9.

Little, Thomas J., Jr., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Leg construction. 2,204,686; June 18.

Little, William F., Yonkers, assignor to Electrical Testing Laboratories, New York, N. Y. Lighting fixture. 2,204,687; June 18.

Littlefield, Edgar E., Los Angeles, Calif. Electrical controlling apparatus and method. 2,209,126; July 23.

Littlefield, Lloyd M., Springfield, Mass., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Machine for balancing tires. 2,197,077; Apr. 16.

Littlefield, Verne D., Beverly Hills, Calif., assignor to Armour and Company, Chicago, Ill. Preparing dried egg albumin. 2,189,380; Feb. 6.

Littlefield, Verne D., Beverley Hills, Calif., assignor to Armour and Company, Chicago, Ill. Egg white material and preparing the same. 2,191,257; Feb. 20.

Littlefield, Verne D., Beverly Hills, Calif., and N. C. Fischer, Springfield, Mo., assignors to Armour and Company, Chicago, Ill. Processing and drying egg whites. 2,212,445; Aug. 20.

Littlehale, Philip E., Middletown, Conn., assignor, by mesne assignments, to Guardian Manufacturing & Supply Corporation, New York, N. Y. Splicing cable. 2,213,224; Sept. 3.

Littleton, Jesse T., assignor, by mesne assignments, to Corning Glass Works, Corning, N. Y. Insulator. 2,198,734; Apr. 30.

Littleton, Jesse T., assignor to Corning Glass Works, Corning, N. Y. Making glass coated articles. 2,212,162; Aug. 20.

Littleton, Jesse T., H. R. Lillie, and W. W. Shaver, assignors to Corning Glass Works, Corning, N. Y. Kiln. 2,188,608; Jan. 30.

Littmann, Edwin R., assignor to Hercules Powder Company, Wilmington, Del. Composition of matter and producing. 2,201,237; May 21.

Littmann, Edwin R., assignor to Hercules Powder Company, Wilmington, Del. Composition of matter and method of producing. 2,207,890; July 16.

Littmann, Edwin R., assignor to Hercules Powder Company, Wilmington, Del. Preparation of a catalyst for oxidation reactions. 2,214,930; Sept. 17.

Litton, Charles V., Redwood City, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Low impedance power tube. 2,226,729; Dec. 31.

Litty, Paul, Leipzig, Germany. Drawing mechanism for spinning apparatus. 2,206,360; July 2.

Litz, Robert, and J. A. Roe, Winnipeg, Manitoba, Canada. Preserving foundations. 2,219,710; Oct. 29.

Livak, John E. (See Britton, E. C., and Livak.)

Livak, John E., assignor to The Dow Chemical Company, Midland, Mich. Thiocyano-alkyl ethers of the cyclohexyl phenols. 2,185,207; Jan. 2.

Livak, John E., G. H. Coleman, and C. L. Moyle, assignors to The Dow Chemical Company, Midland, Mich. Thiocyano-alkyl ethers of the phenylphenols. 2,185,208; Jan. 2.

Livak, John E., and C. D. Carlson, assignors to The Dow Chemical Company, Midland, Mich. Preparation of 3-chloro-cymene. 2,192,613; Mar. 5.

Livar, Allen P., Dayton, Ohio, assignor, by mesne assignments, to Chrysler Corporation, Highland Park, Mich. Warm air furnace. 2,196,703; Apr. 9.

Liverance & Van Antwerp. (See Vanderveld, Anthony, assignor.)

Liveringhouse, Harry C., Providence, R. I., assignor to United States Rubber Company, New York, N. Y. Brake. 2,202,530; May 28.

Livermon, Carl R., Roxobel, N. C. Ledger holder. 2,208,462; July 16.

Livermon, Carl R., Roxobel, N. C. Feeder for threshing machines. 2,212,296; Aug. 20.

Livermon, Carl R., Roxobel, N. C. Feeder for threshing machines. 2,212,297; Aug. 20.

Livers, Carlos B. (See Ring, W. A., and Livers.)

Livingston, Callard, Chicago, Ill. Permutation device. 2,208,426; July 16.

Livingston, Charlie M., Tulsa, Okla. V-belt clutch pulley. 2,209,736; July 30.

Livingston, Charlie M., Tulsa, Okla. Pulley. 2,209,737; July 30.

Livingston, Frederick J. (See Strasburg, J. L., Livingston, and Billman.)

Livingston, James H., 3rd. (See Trier, C. L., and Livingston.)

Livingston, John H., Jr. (See Livingston, John H., Sr., and J. H., Jr.)

Livingston, John H., Sr., and J. H., Jr., St. Petersburg, Fla. Slug sawing tray. 2,216,415; Oct. 1.

Livingston, John W. (See Bone, H. L., and Livingston.)

Livingston, John W., Kirkwood, assignor to Monsanto Chemical Company, St. Louis, Mo. Continuously recovering phthalic anhydride. 2,215,968; Sept. 24.

Livingston, John W., Kirkwood, assignor to Monsanto Chemical Company, St. Louis, Mo. Method and apparatus for recovering phthalic anhydride. 2,219,996; Oct. 29.

Livingston, Leon G., and A. O. Dinsdale, San Francisco, Calif.; said Dinsdale assignor to said Livingstone. Novelty clock. 2,202,214; May 28.

Livingston, Myran J., Mariners Harbor, N. Y., H. O. Forrest, Teaneck, and P. C. Keith, Jr., Peapack, N. J., assignors to Standard Oil Company, Chicago, Ill. Solvent extraction. 2,215,359; Sept. 17.

Livingston, Orrin W. (See Moyer, E. E., and Livingston.)

Livingston, William H., assignor to P. Y. Whitman, Birmingham, Ala. Illuminated sign. 2,192,712; Mar. 5.

Lizakowski, Frank H. (See Lizakowski, Julius, assignor.)

Lizakowski, Julius, assignor of one-half to F. H. Lizakowski, Minta, N. Dak. Tappet tool. 2,196,929; Apr. 9.

Lizakowski, Julius, assignor to F. H. Lizakowski, Minto, N. Dak. Wrench. 2,200,453; May 14.

Lizars, John V. (See Adatte, A. L., and Lizars.)

Ljunggren, Ivar G. A., K. M. Vigborg, and K. F. Bratt, assignors to Kooperativa Förbundet, Förening u. p. a., Stockholm, Sweden. Calculating machine, cash register, and the like. 2,218,991; Oct. 22.

Ljungkull, Rolf E., assignor to American Hoist and Derrick Company, St. Paul, Minn. Crane. 2,189,212; Feb. 6.

Ljungström, Ake B., Stockholm, Sweden, assignor, by mesne assignments, to American Heat Reclaiming Corporation, New York, N. Y. Draining device. 2,218,152; Oct. 15.

Llewellyn, Frederick B., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Diode oscillator. 2,190,668; Feb. 20.

Llovera, Joseph G., New York, N. Y. Vending machine. 2,191,235; Feb. 20.

Lloyd, Elmer J. (See Johannen, F., and Lloyd.)

Lloyd, Frank L., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Closure retaining means for containers. 2,208,463; July 16.

Lloyd-Jones, Thomas C., and S. E. Kinnear, Modesto, Calif. Peanut harvester. 2,187,206; Jan. 16.

Lloyd, Lewis E. (See Hebbard, G. M., and Lloyd.)

Lloyd, Richard A. (See Hardy, J., and Lloyd.)

Lloyd, Richard L., Minneapolis, Minn. Bowling alley. 2,217,063; Oct. 8.

Lloyd, Robert L., Laurelton, N. Y., assignor to American Maize-Products Company. Bakery composition. 2,210,857; Aug. 6.

Lloyd Specialty Company. (See Lloyd, William L., assignor.)

Lloyd, Taliesen A., Los Gatos, Calif. Game apparatus. 2,191,991; Feb. 27.

Lloyd, Whitten P., assignor to The Haloid Company, Rochester, N. Y. Machine for feeding photographic paper. 2,223,767; Dec. 3.

Lloyd, William H. (See Soderberg, C. R., and Lloyd.)

Lloyd, William J., Hartford, Conn. Ratchet releasing means. 2,216,822; Oct. 8.

Lloyd, William L., assignor to Lloyd Specialty Company, Inc., Houtzdale, Pa. Daylight film winder. 2,219,722; Oct. 29.

Loane, Clarence M. (See Shoemaker, B. H., and Loane.)

Loane, Clarence M., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Refined hydrocarbon oil. 2,194,312; Mar. 19.

Loane, Clarence M., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Hydrocarbon oil. 2,212,644; Aug. 27.

Loane, Clarence M., and B. H. Shoemaker, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Stable petroleum product. 2,199,108; Apr. 30.

Loane, Clarence M., and B. H. Shoemaker, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,209,464; July 30.

Loane, Clarence M., Whiting, and B. H. Shoemaker, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricating oil. 2,218,918; Oct. 22.

Loane, Clarence M., and B. H. Shoemaker, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,220,970; Nov. 12.

Loar, Lloyd A., assignor to Frank Holton & Co., Elkhorn, Wis. Stringed musical instrument. 2,185,734; Jan. 2.

Lobasso, Vincent, New York, N. Y. Yarn treating apparatus. 2,211,141; Aug. 13.

Lobdell, Benjamin H., Pittsburgh, Pa. Foot correction arch support. 2,208,078; July 16.

Lobdell, Edward J. Jr., assignor to The Lobdell-Emery Manufacturing Company, Alma, Mich. Fabricating rims. Re. 21,490; June 25.

Lobdell-Emery Manufacturing Company, The. (See Lobdell, Edward J., Jr., assignor.)

Lobel, Clifford. (See Mittleburg, S. S., and Lobel.)

Lobl, Frederick, Middleboro, Mass. Container. 2,200,395; May 14.

Lo Blue, Victor J., et al. (See Butera, Joseph, assignor.)

Lobo, Walter E., Westfield, assignor to Gasoline Products Co., Inc., Newark, N. J. Heating hydrocarbon fluids. 2,190,635; Feb. 13.

Lobo, Walter E., Westfield, assignor to Gasoline Products Company, Inc., Newark, N. J. Heating and apparatus therefor. 2,209,341; July 30.
Lo Cascio, Attilio, Los Angeles, Calif. Scrubbing device. 2,222,909; Nov. 26.
Locher, Ross E., Peoria, Ill. Welder's helmet. 2,190,074; Feb. 13.
Lochhead, John L., Springfield, Mass. Machine gun. 2,205,426; June 25.
Lochrane, Harold M., Cleveland, Ohio. Valve tappet. 2,187,661; Jan. 16.
Lock, George M., and A. O. Rasmussen, Modesto, Calif. Bean cutter. 2,187,833; Jan. 23.
Lockart, Andrew, Montreal, Quebec, Canada. Emergency lock for revolving doors. 2,186,385; Jan. 9.
Locke, Albert R., Oak Park, Ill., assignor of one-half to Monad Corporation. Lighting control system. 2,222,871; Nov. 26.
Locke, George A., Glenwood Landing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Printing telegraph system. 2,225,648; Dec. 24.
Locke, James S. (See Newton, A. B., and Locke.)
Locke, James S., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Zone temperature control system. 2,188,775; Jan. 30.
Locke, James S., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic control system. 2,208,562; July 23.
Locke, James S., Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,219,547; Oct. 29.
Locke, Sanford J., Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Drying tumbler. 2,219,233; Oct. 22.
Locker, Edward, Monsey, N. Y. Device for opening cigarette packages. 2,194,707; Mar. 26.
Lockert, Jens B., Tacoma, Wash. Clamp for trawling line float. 2,226,004; Dec. 24.
Lockhart, William A., Waterloo, assignor to Shuron Optical Company, Inc., Geneva, N. Y. Lens grinding and polishing machine. 2,192,486; Mar. 5.
Lockhart, William K. (See Wells, W. B., and Lockhart.)
Lockheed Aircraft Corporation. (See Richolt, Robert R., assignor.)
Lock Joint Pipe Company. (See Trickey, William W., assignor.)
Lockport Cotton Batting Co. (See Oliver, Ralph R., assignor.)
Lockridge, Morgan L., Knights Landing, Calif. Fishhook. 2,204,278; June 11.
Lockwood, Edwin H. (See Barnsteiner, A., and Lockwood.)
Lockwood, Edwin H., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Adjustable mounting of a range light. 2,210,681; Aug. 6.
Lockwood, Edwin H., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Clock housing and receptacle mounting. 2,221,594; Nov. 12.
Lockwood, Edwin H., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Combined heat element and baffle. 2,221,595; Nov. 12.
Lockwood, Edwin H., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Timer connection block. 2,224,737; Dec. 10.
Lockwood, Edwin J. (See Maguire, W. R., and Lockwood.)
Lockwood, Harry B., Cleveland Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Mold for battery grids. 2,218,612; Oct. 22.
Lockwood, Henry C., deceased, Brooklyn, N. Y.; I. T. Lockwood, administratrix. Apparatus for welding. 2,200,887; May 14.
Lockwood, Henry C., deceased, by I. T. Lockwood, administratrix, Brooklyn, N. Y. Bellows. 2,223,691; Dec. 3.
Lockwood, Isabel T., administratrix. (See Lockwood, Henry C.)
Lockwood Manufacturing Company, The. (See Chandonia, Elmer H., assignor.)
Lockwood Manufacturing Company, The. (See Young, George G., assignor.)
Lockwood, William H. (See Fox, A. L., Henke, Lockwood, and Tinker.)
Lockwood, William H. (See Henke, C. O., and Lockwood.)
Lockwood, William H., Wilmington, Del., and J. L. Richmond, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Countercurrent reaction of hydrocarbons with sulphur dioxide and chlorine. 2,193,824; Mar. 19.
Locomotive Finished Material Company, The. (See Muchnic, Henry E., assignor.)
Locomotive Firebox Company. (See Christenson, Gust J., assignor.)
Locomotive Firebox Company. (See Wolden, Oscar E., assignor.)
Loder, Donald J., Wilmington, Del. Preparation of organic acids. 2,217,650; Oct. 8.
Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of N-substituted formamides. 2,204,371; June 11.
Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of alkyl glycolates. 2,211,625; Aug. 13.
Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of ethers of hydroxy aldehydes. 2,217,651; Oct. 8.
Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Oxidation of cyclic compounds. 2,223,493; Dec. 3.
Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of cyclic alcohols and ketones. 2,223,494; Dec. 3.
Loder, Donald J., and E. P. Bartlett, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic substituted acetic acid. 2,211,624; Aug. 13.
Loder, Donald J., W. F. Gresham, and D. B. Killian, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Alcoholysis of β-alkoxy methyl ethers. 2,211,626; Aug. 13.
Loder, George E. (See Snelling, Nicholas, assignor.)
Lodge, Alvin, assignor to Hamilton Watch Company, Lancaster, Pa. Making watch dials. 2,196,998; Apr. 16.
Lodge, Frank, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Anthraquinone dyestuffs. 2,225,061; Dec. 17.
Lodge, Hilton B., Compton, Calif. Drill guide. 2,226,005; Dec. 24.
Lodwick, Thomas F., Mystic, Iowa. Identifying and reproducing color harmony. 2,203,167; June 4.
Loeb, Carl, and M. A. Gilman, Chicago, and C. Anderson, Oak Park, Ill., assignors to Actino Laboratories, Inc. Recording head. 2,201,735; May 21.
Loebell, Maurice A., Zanesville, Ohio. Apparatus for visualizing organs. 2,207,867; July 16.
Loeber, Edgar O., East Cleveland, Ohio. Scalp treating device. 2,210,858; Aug. 6.
Loebich, Otto, Pforzheim, Germany, assignor, by mesne assignment, to Chemical Marketing Company Inc., New York, N. Y. Manufacture of gold alloys. 2,216,495; Oct. 1.
Loecher, Aloysius W., Bellevue, Pa. Doorstop and holder for automobiles. 2,206,744; July 2.
Loeffler, Herbert L., assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Preparing planographic plates. 2,220,252; Nov. 5.
Loehr, Leslie K. (See Winger, S. C., and Loehr.)
Loercher, Gustav A., Greenwood, R. I., assignor to Carl-Art, Inc. Key ring construction. 2,188,367; Jan. 30.
Loeser, Oscar, Jr., Lakewood, N. J. Mobile shield. 2,209,654; July 30.
Loesser, Edwin C., Glen Ridge, N. J. Boiler control apparatus. 2,224,190; Dec. 10.
Loetel, Charles E. (See Rick, G. G., and Loetel.)
Loevenstein, Hirsch, assignor of one-half to I. J. Foundaminsky, Paris, France. Manufacture of aluminum. 2,198,673; Apr. 30.
Loewe Radio, Inc. (See Schlesinger, Kurt, assignor.)
Loewe Radio, Inc. (See Schlesinger, K., and Liebmann, assignors.)
Loewe Radio, Inc. (See Schlesinger, K., and Woerner, assignors.)
Loewe Radio, Inc. (See Waldschmidt, Ernst, assignor.)
Loewe Radio, Inc. (See Wolff, Hanns-Heinz, assignor.)
Loewe Radio, Inc. (See (Wolff, H.-H., assignor), and Liebmann.)
Loewenberg, Fritz, New York, N. Y. Exposure meter. 2,190,159; Feb. 13.
Loewenberg, Kurt, and K. Smeykal, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-main, Germany. Production of high-molecular unsaturated ketones and conversion products thereof. 2,200,216; May 7.
Loewenhaupt, Emil, Berlin-Zehlendorf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Battery eliminator. 2,208,933; July 23.
Loewenstein, Eric, New York, N. Y. Typewriter. 2,195,464; Apr. 2.
Loew's Incorporated. (See Arnold, John C., assignor.)
Loew's Incorporated. (See Bossart, John, assignor.)
Loewy, Ludwig, London, England. Hydraulic metal extrusion press. 2,214,734; Sept. 17.
Löffler, Hans. (See Weidert, F., and Löffler.)
Löffler, Hans, Berlin-Dahlem, assignor to Deutche Gold und Silber Scheideanstalt, Vormals Roessler, Frankfort-on-the-Main, Germany. Manufacture of selenium-containing ruby glass. 2,224,791; Dec. 10.
Lofgren, David E. (See Thompson, Joseph W., assignor.)
Lofgren, Frederick V., Valparaiso, Ind., assignor to G. Davidson, Aurora, Ill. Ornamental paper manufacture. 2,204,141; June 11.
Lofgren, Frederick V., Valparaiso, Ind., assignor to G. Davidson, Aurora, Ill. Coating process and product. 2,212,525; Aug. 27.
Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, Dover, Del. Filter. 2,190,103; Feb. 13.
Lofgren, Gustaf E., Riverside, and C. L. Brown, Jr., Stamford, Conn., assignors to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,203,964; June 11.
Lofstedt, William J., Portland, Oreg. Plate shaving machine. 2,200,628; May 14.
Lofstrand, Anders R., Jr., assignor to The Lofstrand Company, Washington, D. C. Tumbler holder for cleaning machines. 2,213,918; Sept. 3.

Lofstrand Company, The. (See Lofstrand, Anders R., Jr., assignor.)
Loftus, Fred H. (See Guthrie, C. P., and Loftus.)
Logan, Dougald S., Pawtucket, R. I., assignor to Shaw Paper Box Company. Display box. 2,219,034; Oct. 22.
Logan, Dougald S., Pawtucket, R. I., assignor to Shaw Paper Box Company. Display box. 2,219,035; Oct. 22.
Logan, E. K. (See Longan, William L., assignor.)
Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 2,189,507; Feb. 6.
Logan Gear Company, The. (See Dickerson, Dorman B., assignor.)
Logan Gear Company, The. (See Johnson, Alvin L., assignor.)
Logan Gear Company, The. (See McCarthy, Charles S., assignor.)
Logan Gear Company, The. (See Snell, Samuel A., assignor.)
Logan, George L., assignor to Tompkins Bros. Co., Syracuse, N. Y. Method of and apparatus for making knitted fabric. 2,187,132; Jan. 16.
Logan, Ian M., Niagara Falls, Ontario, Canada, and J. C. McMullen, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Refractory and making it. 2,196,075; Apr. 2.
Logan, John W., Jr. (See Nicholson, F. H., and Logan.)
Logan, John W., Jr., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake system. 2,187,942; Jan. 23.
Logan, John W., Jr., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,193,906; Mar. 19.
Logan, John W., Jr., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake system. 2,194,759; Mar. 26.
Logan, John W., Jr., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track switch operating apparatus. 2,203,913; June 11.
Logan, John W., Jr., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Highway crossing protection apparatus. 2,203,914; June 11.
Logan, John W., Jr., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Light sensitive device. 2,207,097; July 9.
Logan, John W., Jr., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for controlling railway switches. 2,208,993; July 23.
Logan, John W., Jr., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake system. 2,218,613; Oct. 22.
Logan, John W., Jr., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Speed responsive apparatus. 2,222,801; Nov. 26.
Logan, Joseph A., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Control mechanism for liquid dispensing apparatus. 2,191,927; Feb. 27.
Logan, Leonard A. (See Ray, A. B., and Logan.)
Logan, Lloyd, Columbus Grove, Ohio. Corn shocking attachment for tractors and the like. 2,215,554; Sept. 24.
Logan-Long Company, The. (See Bothe, M. C., and Pfohl, assignors.)
Logan, Russell B. (See Faris, H. P., Yochum, and Logan.)
Logemann, Willy. (See Serini, A., and Logemann.)
Logemann, Willy, and H. Koester, Berlin-Charlottenburg, Germany, assignors to Schering Corporation, Bloomfield, N. J. Conversion of 17-cis-alcohols of the cyclopentanopolyhydrophenanthrene series into the corresponding 17-trans-alcohols. 2,225,419; Dec. 17.
Logette, Abraham I., and E. H. Dainton, London, England. Spray gun. 2,208,464; July 16.
Loggins, Jack C., assignor of one-half to Thomas G. Glass, Marlin, Tex. Door and window latch. 2,203,500; June 4.
Loginov, Alexander, Moscow, Union of Soviet Socialist Republics. Apparatus for continuous digesting of starch-containing raw materials or the like. 2,195,335; Mar. 26.
Logue, Charles H., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Washing machine agitator drive mechanism. 2,202,499; May 28.
Lohaus, Hermann. (See Schneider, W., and Lohaus.)
Lohausen, Karl A., Oberschoneweide, Germany, assignor to General Electric Company. Fuse. 2,209,823; July 30.
Lohausen, Karl A., Berlin-Oberschoneweide, Germany, assignor to General Electric Company. Current limiting fuse. 2,223,959; Dec. 3.
Lohman, Ralph W., South Pasadena, assignor to Lane-Wells Company, Los Angeles, Calif. Temperature indicator for wells. 2,191,765; Feb. 27.
Lohman, Ralph W., South Pasadena, Calif., assignor, by mesne assignments, to Schlumberger Well Surveying Corporation, Houston, Tex. Method and apparatus for investigating subterranean strata by means of electromagnetic measurements. 2,220,788; Nov. 5.
Lohmann, Heinrich, Baden, Germany, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic product and producing same. 2,223,893; Dec. 3.
Lohmann, Karl. (See van Beek, H., Wörn, Lohmann, and Jesse.)
Lohn, Peter, assignor of thirty-four per cent to F. Savignano, New York, N. Y. Method and apparatus for recording and reproducing sound. 2,188,687; Jan. 30.
Lohner, Carl L. (See Wise, V. A., Duffies, Henney, and Lohner.)
Lohr, Raymond. (See Rexford, W. E., and Lohr.)
Lohr, Raymond J., and R. N. Carver, Erie, Pa., assignors to Louis Marx & Company, Inc., New York, N. Y. Reversing roll-over toy. 2,189,759; Feb. 13.
Lohrey, Carl N., assignor to The National Cash Register Company, Dayton, Ohio. Porous metallic type. 2,199,265; Apr. 30.
Lohrman, Thomas P., San Francisco, Calif. Window construction for vehicle bodies. 2,186,937; Jan. 16.
Lohse, Julius, Berlin, Germany. Process and apparatus for the direct recovery of heavy metals of the nonferrous group from ores and other primary materials 2,223,569; Dec. 3.
Loibl, Anton, G. m. b. H. (See Briebrecher, Harold, assignor.)
Loleit, Hans. (See Schneider, W., and Loleit.)
Lo Magro, Rosario, Philadelphia, Pa. Store construction. 2,218,714; Oct. 22.
Lomax, Clarence E. (See Mahoney, H. P., and Lomax.)
Lomax, Clarence E., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,187,943; Jan. 23.
Lomax, Clarence E., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,187,944; Jan. 23.
Lomax, Clarence E., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,187,945; Jan. 23.
Lomax, Clarence E., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,193,973; Mar. 19.
Lomax, Clarence E., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,199,543; May 7.
Lomax, Clarence E., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Traffic signaling system. 2,214,199; Sept. 10.
Lomax, Clarence E., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Traffic signaling system. 2,214,253; Sept. 10.
Lomax, Clarence E., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Signaling system. 2,218,848; Oct. 22.
Lomax, Clarence E., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,226,730; Dec. 31.
Lomax, Clarence E., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,226,731; Dec. 31.
Lomax, Clarence E., Oak Park, and P. Bakker, Chicago, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 2,189,400; Feb. 6.
Lomax, Clarence E., Oak Park, and C. F. Ffolliott, Wheaton, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Signaling system. 2,195,627; Apr. 2.
Lomax, Clarence E., Oak Park, and H. Sengebusch, Villa Park, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Switching apparatus. 2,206,325; July 2.
Lomax, Clarence E., Oak Park, and G. T. Martin, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Switching apparatus. 2,214,907; Sept. 17.
Lomax, Clarence E., Oak Park, and P. Bakker, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,214,908; Sept. 17.
Lombard, Herman G., Washington, D. C., assignor, by mesne assignments, to Tinnerman Products, Inc., Cleveland, Ohio. Fastener. 2,192,359; Mar. 5.
Lombard, Walter E. (See Johnson, Chester W., assignor.)
Lombardi, Caffiero S., Santiago, Chile. Heating device for domestic and other uses. 2,220,532; Nov. 5.
Lombardi Knitting Machine Co. (See Lombardi, Vincent, assignor.)
Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co., Inc., New York, N. Y. Knitted fabric. 2,190,793; Feb. 20.
Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co., Inc., New York, N. Y. Knitted fabric. 2,190,794; Feb. 20.
Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co. Inc., New York, N. Y. Knitting machine and method. 2,223,072; Nov. 26.
Lommel, Wilhelm, Leverkusen-Wiesdorf, and R. Engelhardt, Leverkusen-I. G. Werk, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Electrical condenser. 2,211,019; Aug. 13.
Londais, Roger, Paris, France. Pump for concrete, mortar, and the like. 2,206,613; July 2.
London, Alvin D., assignor to Al-lon Manufacturing Company, Inc., Baltimore, Md. Mattress cover and the like. 2,191,963; Feb. 27.
London, Burton W., et al. (See Goldberg, Maurice H., assignor.)
London, Burton W., et al. (See Krupnik, Phillip, assignor.)

London, Israel J., et al. (See Goldberg, Maurice H., assignor.)
London, Israel J., et al. (See Krupnik, Phillip, assignor.)
London, Jacob, assignor to Robinson & Steinman, New York, N. Y. Bracing for suspension bridges 2,217,593; Oct. 8.
London, Laura, et al. (See Goldberg, Maurice H., assignor.)
London, Laura, et al. (See Krupnik, Phillip, assignor.)
Loney, Harley C., Company. (See Hatch, Paul F., assignor.)
Loney, Harley C., Company. (See Wells, George W., assignor.)
Loney, John W., Brockton, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe tree. 2,203,792; June 11.
Long, Albert E., deceased, by F. B. Long, administratrix, Chicago, Ill., assignor, by mesne assignments, to General Time Instruments Corporation, New York, N. Y. Printing mechanism. 2,203,168; June 4.
Long, Albert E., Chicago, Ill., assignor, by mesne assignments, to General Time Instruments Corporation, New York, N. Y. Time recorder. 2,209,409; July 30.
Long, Albert E., deceased, by F. B. Long, administratrix, Chicago, Ill., assignor, by mesne assignments, to General Time Instruments Corporation, New York, N. Y. Time recorder. 2,209,783; July 30.
Long, Bernard, Paris, France, assignor to The American Securit Company. Tempering glass sheets. 2,194,760; Mar. 26.
Long, Charles J., E. J. Johnson, and N. Swindells, New London, Coun., assignors to Celanese Corporation of America. Weaving device. 2,199,437; May 7.
Long, Edward B., Jr., and H. F. Carpenter, White Plains, N. Y. Key ring or chain holder. 2,224,972; Dec. 17.
Long, Eli M., assignor to Shuron Optical Company, Inc., Geneva, N. Y. Lens edging machine. 2,221,737; Nov. 12.
Long, Florence B., administratrix. (See Long, Albert E.)
Long, Frank V., Compton, Calif. Gauge reading box for closed tanks. 2,217,958; Oct. 15.
Long, Frank V., Compton, Calif. Gauge apparatus for tanks. 2,217,959; Oct. 15.
Long, George A., Boston, Mass. Valve mechanism. 2,189,427; Feb. 6.
Long, George A., assignor to The Long Security Lock Company, Hartford, Conn. Coin controlled lock. 2,215,374; Sept. 17.
Long, George R., assignor to General Motors Corporation, Dayton, Ohio. Ice tray. 2,203,915; June 11.
Long, Harry L., and H. S. Johns, assignors of three-fourths to said Long and one-fourth to W. M. Sturges, Oklahoma City, Okla. Automatic coin controlled parking device. 2,209,249; July 23.
Long, Herbert J., assignor to American Bosch Corporation, Springfield, Mass. Gas control mechanism. 2,196,316; Apr. 9.
Long, Homer D., Golf, assignor to The Pepsodent Co., Chicago, Ill. Dentifrice. 2,216,821; Oct. 8.
Long, Howard T., Yadkinville, N. C. Constructing inlaid work. 2,218,288; Oct. 15.
Long, James H., Clay Center, Kans. Oil filter. 2,210,213; Aug. 6.
Long, James R., Annapolis, Md., assignor to Chicago Development Company, Chicago, Ill. Manganese alloy. 2,202,012; May 28.
Long, James R., Annapolis, Md., assignor to Chicago Development Company, Chicago, Ill. Stainless steel. 2,216,535; Oct. 1.
Long, John H., assignor to Hercules Powder Company, Wilmington, Del. Adhesive composition. 2,224,035; Dec. 3.
Long, John R. Hickory, N. C. Thread control device. 2,209,839; July 30.
Long, Kenneth E. (See Lind, R., Harshaw, and Long.)
Long, Kenneth E., South Euclid, assignor to The Harshaw Chemical Company, Elyria, Ohio. Purification of alkyl sulphates and resulting products. 2,207,989; July 16.
Long, Leo F. (See Doyle, E. P., and Long.)
Long, Perry R. (See Wood, H. A. W., and Long.)
Long, Ralph L., San Diego, Calif. Hanger for sliding doors. 2,207,322; July 9.
Long, Richard G., and W. D. French, assignors of one-fourth to A. H. Bosworth and one-fourth to R. B. McGaughey, Denver, Colo. Washing venetian blinds. 2,199,747; May 7.
Long, Richard H. (See Gipson, W. W., Fossati, and Long.)
Long, Sam, Manhattan, Kans. Evaporator. 2,192,089; Feb. 27.
Long, Sam W., Oklahoma City, Okla., assignor, by mesne assignments, to Miller Meters, Incorporated, Chicago, Ill. Parking meter. 2,198,779; Apr. 30.
Long Security Lock Company, The. (See Long, George A., assignor.)
Long, Uriah O., Alhambra, Calif. Railroad tie. 2,220,533; Nov. 5.
Long, W. E., Company, The. (See Reece, Wade W., assignor.)
Long, W. E., Company, The. (See Warrick, Walter D., assignor.)
Long, William B. (See Aub, S. L., and Long.)
Longabaugh, William H., Baltimore, Md., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Piston ring. 2,191,023 Feb. 20.
Longaker, Edgar, Collegeville, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Separator for storage batteries. 2,197,367; Apr. 16.
Longan, William L., Dimmitt, assignor of one-half to E. K. Longan, Wichita Falls, Tex. Cooking material receptacle and spoon leveler. 2,221,355; Nov. 12.
Lon-Ga-Tone, Inc. (See Herzig, Leonard A., assignor.)
Longenecker, Charles I. (See Pedder, F. S., and Longenecker.)
Longfellow, Earl E., assignor to H. H. Leiter, Warsaw, Ind. Splint. 2,191,283; Feb. 20.
Longfellow, Earl E., assignor to H. H. Leiter, Warsaw, Ind. Roller attachment for rocking chairs. 2,215,425; Sept. 17.
Longfield, William F., Cleveland, Ohio. Supplying fluid under pressure to a shaft. 2,210,088; Aug. 6.
Longman, Garfield D., Franklin, La. Implement attachment. 2,196,636; Apr. 9.
Longo, Salvatore, New York, N. Y. Dispensing. 2,188,573; Jan. 30.
Longstreet, Charles A., Youngstown, Ohio. Leakage testing machine. 2,196,317; Apr. 9.
Lonngren, Bruno L. (See Anderson, G. Y., Jr., Davidson, and Lonngren.)
Lonsdale Company. (See Boyce, Chester H., assignor.)
Lonza Elektrizitatswerke und Chemische Fabriken A. G. (See Lüscher, Emil, assignor.)
Lonza Elektrizitatswerke und Chemische Fabriken Aktiengesellschaft (Gampel und Basel). (See Lüscher, Emil, assignor.)
Lookholder, Alex E., La Grange, Ill. Inner tube testing means. 2,192,232; Mar. 5.
Lookofsky, Walter, Mayfield, Ky. Apparatus for half-soling shoes. 2,204,965; June 18.
Loomis, Albert G. (See Bent, F. A., Loomis, and Lawton.)
Loomis, Albert G. (See de Simo, M., Lawton, and Loomis.)
Loomis, Albert G. (See Lawton, H. C., and Loomis.)
Loomis, Evarts G., Newark, N. J. Method and apparatus for shaping thermoplastic rods, tubes, and the like. 2,194,313; Mar. 19.
Loomis, Evarts G., Newark, N. J. Dehydrating press and method of dehydrating. 2,221,806; Nov. 19.
Loonam, Alfred C. (See Gleason, G. H., and Loonam.)
Loop, Arch R., Eldred, assignor to J. P. Willson, Smethport, Pa. Surface rod ball-and-socket joint. 2,195,336; Mar. 26.
Looper, Bruce, Rosenberg, Tex. Blade sharpener for lawn mowers. 2,207,323; July 9.
Loos, Karl, Lancaster, Pa. Phenol-urea resin and making same. 2,205,427; June 25.
Loos, Karl, Lancaster, Pa. Resinous condensates and method of producing. 2,206,906; July 9.
Loose, Clyde E., and S. D. Swann, Baltimore, Md. Etching press. 2,196,813; Apr. 9.
López, Jose G. M., Mexico, D. F., Mexico. Pressure reducing, filtering, and condensing tower. 2,208,465; July 16.
López, Jose G. M., Mexico, D. F., Mexico. Gas and oil separator. 2,208,466; July 16.
Löpp, Edmund. (See Baier, O., Gaebel, and Löpp.)
Löpp, Edmund, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Vacuum tube device. 2,202,500; May 28.
Löpp, Edmund, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electron tube. 2,212,570; Aug. 27.
Loprich, John. (See Surprenant, G. H., Gillean, and Loprich.)
Lorain Telephone Company, The. (See Boswau, Hans P., assignor.)
Lorain Telephone Company, The. (See Heisner, Donald A., assignor.)
Lorang, Hermanus F. J. (See van Peski, A. J., and Lorang.)
L'Orange, Prosper, deceased, Stuttgart-Feuerbach, Germany; R. L'Orange, executor. Continuously variable change-speed gear. 2,200,131; May 7.
L'Orange, Rudolf, executor. (See L'Orange, Prosper.)
L'Orange, Rudolf, Stuttgart-Feuerbach, Germany. Fuel injection pump. 2,207,324; July 7.
Lorant, Hermann, Vienna, Austria. Case for cigarettes or cigars. 2,207,593; July 9.
Lord, Charles S., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Engine unit transportation mounting apparatus and method. 2,198,674; Apr. 30.
Lord, Geoffrey, and G. Reeves, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of organic compounds. 2,189,012; Feb. 6.
Lord, Geoffrey, and G. Reeves, Spondon, near Derby, England, assignors to Celanese Corporation of America. Chemical conversion of leuco compounds. 2,215,555; Sept. 24.
Lord, Geoffrey, and G. Reeves, Spondon, near Derby, England, assignors to Celanese Corporation of America. Oxidation of leuco compounds. 2,215,556; Sept. 24.
Lord, Hugh C., Erie, Pa. Curing plastic material and articles, and apparatus therefor. 2,187,165; Jan. 16.
Lord, Hugh C., Erie, Pa. Cushion support. 2,199,004; Apr. 30.

Lord, Hugh C. and T., Erie, Pa.; T. Lord assignor to H. C. Lord. Cushion joint. 2,195,873; Apr. 2.
Lord Investierungs Korporation Aktiengesellschaft (Lord Investment Corporation Limited). (See Oehninger, S., and Mühlau, assignors.)
Lord, Kenneth M., Canandaigua, and G. E. Warren, assignors to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Signal device. 2,194,507; Mar. 26.
Lord Manufacturing Company. (See Stitz, Wilbur E., assignor.)
Lord, Thomas. (See Lord, Hugh C. and T.)
Lorentzen, Hans K. (See Bond, S. R., and Lorentzen.)
Lorentzen, Hans K., Montclair, N. J. Venetian blind bracket. 2,200,510; May 14.
Lorentzen, Hans K., Montclair, N. J., assignor to Lorentzen Hardware Mf'g. Corp., New York, N. Y. Head bar organization for Venetian blinds. 2,222,674; Nov. 26.
Lorentzen, Hans K., Montclair, N. J., assignor to Lorentzen Hardware Mf'g Corp., New York, N. Y. Venetian blind tilter. 2,223,997; Dec. 3.
Lorentzen, Hans K., Montclair, N. J., assignor to Lorentzen Hardware Mf'g. Corp., New York, N. Y. Venetian blind construction. 225,062; Dec. 17.
Lorentzen, Hans K., Montclair, N. J., assignor to Lorentzen Hardware Mf'g Corp., New York, N. Y. Venetian blind tilter. 2,226,623; Dec. 31.
Lorentzen Hardware Mf'g Corp. (See Lorentzen, Hans K., assignor.)
Lorenz, Anton, Berlin, Germany, Elastic support for pieces of furniture. 2,186,705; Jan. 9.
Lorenz, Anton, and H. Luckhardt, Berlin, Germany. Foldable reclining chair. 2,195,091; Mar. 26.
Lorenz, Anton, and A. Gaal, Berlin, Germany. Adjustable reclining chair or the like. 2,208,800; July 23.
Lorenz, Arthur W. (See Becker, W. R., and Lorenz.)
Lorenz, C., Aktiengesellschaft. (See Baier, Otto, assignor.)
Lorenz, C., Aktiengesellschaft. (See Baier, O., Gaebel, and Löpp, assignors.)
Lorenz, C., Aktiengesellschaft. (See Baier, O., and Jung-Zaeper, assignors.)
Lorenz, C., Aktiengesellschaft. (See Berthold, Hans, assignor.)
Lorenz, C., Aktiengesellschaft. (See Brinkmann, Hans, assignor.)
Lorenz, C., Aktiengesellschaft. (See Brunswig, Heinrich, assignor.)
Lorenz, C., Aktiengesellschaft. (See Christ, Karl, assignor.)
Lorenz, C., Aktiengesellschaft. (See Diebold, Hugo, assignor.)
Lorenz, C., Aktiengesellschaft. (See Erben, Dietrich, assignor.)
Lorenz, C., Aktiengesellschaft. (See Fischer, Johann R., assignor.)
Lorenz, C., Aktiengesellschaft. (See Frischeisen, Fritz, assignor.)
Lorenz, C., Aktiengesellschaft. (See Gerth, Felix, assignor.)
Lorenz, C., Aktiengesellschaft. (See Goldmann, Joachim, assignor.)
Lorenz, C., Aktiengesellschaft. (See Gossel, Erich, assignor.)
Lorenz, C., Aktiengesellschaft. (See Gossel, E., and Puhlmann, assignors.)
Lorenz, C., Aktiengesellschaft. (See Gottschalk, A., and Geisselsöder, assignors.)
Lorenz, C., Aktiengesellschaft. (See Günthert, K. H., and Hofmann, assignors.)
Lorenz, C., Aktiengesellschaft. (See Gutzmann, Fritz, assignor.)
Lorenz, C., Aktiengesellschaft. (See Gutzmann, F., and Schultze-Herringen, assignors.)
Lorenz, C., Aktiengesellschaft. (See Hahnemann, Walter M., assignor.)
Lorenz, C., Aktiengesellschaft. (See Hahnemann, W. M., and Jung-Zaeper, assignors.)
Lorenz, C., Aktiengesellschaft. (See Hahnemann, W. M., and Kramar, assignors.)
Lorenz, C., Aktiengesellschaft. (See Heinecke, Erich, assignor.)
Lorenz, C., Aktiengesellschaft. (See Helmert, Robert, assignor.)
Lorenz, C., Aktiengesellschaft. (See Herriger, Felix, assignor.)
Lorenz, C., Aktiengesellschaft. (See Herzog, Robert, assignor.)
Lorenz, C., Aktiengesellschaft. (See Hinkelmann, Rudolf, assignor.)
Lorenz, C., Aktiengesellschaft. (See Holsten, K.-G., and Schätzel, assignors.)
Lorenz, C., Aktiengesellschaft. (See Hornung, H., Dorks, and Schrumpf, assignors.)
Lorenz, C., Aktiengesellschaft. (See Johannson, Helmut, assignor.)
Lorenz, C., Aktiengesellschaft. (See Johannson, H., and Hofmann, assignors.)
Lorenz, C., Aktiengesellschaft. (See Kalz, Bruno, assignor.)
Lorenz, C., Aktiengesellschaft. (See Katsch, Annemarie, assignor.)
Lorenz, C., Aktiengesellschaft. (See Koschmieder, Kurt, assignor.)
Lorenz, C., Aktiengesellschaft. (See Kramar, Ernst, assignor.)
Lorenz, C., Aktiengesellschaft. (See Kramar, E., and Heinecke, assignors.)
Lorenz, C., Aktiengesellschaft. (See Löpp, Edmund, assignor.)
Lorenz, C., Aktiengesellschaft. (See Messner, Maximilian, assignor.)
Lorenz, C., Aktiengesellschaft. (See Nass, Heinrich, assignor.)
Lorenz, C., Aktiengesellschaft. (See Penner, Hans, assignor.)
Lorenz, C., Aktiengesellschaft. (See Rochow, Hans., assignor.)
Lorenz, C., Aktiengesellschaft. (See Rogowski, Walter, assignor.)
Lorenz, C., Aktiengesellschaft. (See Rogowski, W., and Deserno, assignors.)
Lorenz, C., Aktiengesellschaft. (See Scharfnagel, Rudolf, assignor.)
Lorenz, C., Aktiengesellschaft. (See Schulze-Herringen, Erich, assignor.)
Lorenz, C., Aktiengesellschaft. (See Schwartz, Hans-Fredi, assignor.)
Lorenz, C., Aktiengesellschaft. (See Steiner, Helmut, assignor.)
Lorenz, C., Aktiengesellschaft. (See Stutius, Erich, assignor.)
Lorenz, C., Aktiengesellschaft. (See Thielicke, Willi, assignor.)
Lorenz, C., Aktiengesellschaft. (See Wehrlin, Hans, assignor.)
Lorenz, C. Aktiengesellschaft. (See Wiessner, Alfred, assignor.)
Lorenz, C., Aktiengesellschaft. (See Wiessner, A., and Hagen, assignors.)
Lorenz, C., Aktiengesellschaft. (See Wiessner, A., and Spang, assignors.)
Lorenz, C., Aktiengesellschaft. (See Will, Walter, assignor.)
Lorenz, C., Aktiengesellschaft. (See Wundt, R. M., and Katsch, assignors.)
Lorenz, C., Aktiengesellschaft. (See Ziganke, Ernst, assignor.)
Lorenz, C., Aktiengesellschaft. (See Zinke, Erhard, assignor.)
Lorenz, George A., Edwardsville, Ill., assignor to Shell Development Company, San Francisco, Calif. Refining hydrocarbon oils. 2,224,636; Dec. 10.
Lorenz, Helmuth, Dusseldorf, Germany. Pressure seal for windows and doors. 2,187,459; Jan. 16.
Lorenz, Henry W. F., Jersey City, N. J. Apparatus for gaseous solvent extraction. 2,194,708; Mar. 26.
Lorenz, Hermann, Berlin-Siemensstadt, assignor to Fides Gesellschaft fur die Verwaltung und Verwertung von gewerblichen mit beschrankter Haftung, Berlin, Germany. Manufacturing dry rectifiers. 2,221,596; Nov. 12.
Lorenz, Irvin H. (See Lorenz, John D., W. J., and I. H.)
Lorenz, John D., W. J., and I. H., Arlington, Calif. Foldable brush or squeegee. 2,204,806; June 18.
Lorenz, Wallace J. (See Lorenz, John D., W. J., and I. H.)
Lorenzen, Ben L., assignor of one-half to C. S. Frank, Los Angeles, Calif. Washing machine. 2,201,685; May 21.
Lorenzen, Christian, Berlin, Germany. Burner. 2,197,647; Apr. 16.
Lorenzen, Robert, assignor of thirty-three and one-third per cent to G. H. Callaghan, thirty-three and one-third per cent to F. Spiegel, New York, N. Y., and thirty-three and one-third per cent to himself. Television in natural color. 2,200,285; May 14.
Lorenzen, Robert, assignor of thirty-three and one-third per cent to G. H. Callaghan, and thirty-three and one-third per cent to F. Speigel, New York, N. Y., and thirty-three and one-third per cent to himself. Cathode ray tube system. 2,217,758; Oct. 15.
Lorenzen, Roger E., Niles, Mich. Propeller. 2,214,622; Sept. 10.
Lorig, Clarence H. (See Krause, D. E., and Lorig.)
Lorig, Clarence H., assignor to Battelle Memorial Institute, Columbus, Ohio. Alloy steel. 2,206,846; July 2.
Lorig, Clarence H., assignor to Battelle Memorial Institute, Columbus, Ohio. Alloy steel. 2,206,847; July 2.
Lorig, Clarence H., assignor to Battelle Memorial Institute, Columbus, Ohio. Cast iron roll. 2,208,544; July 16.
Lorig, Clarence H., assignor to Battelle Memorial Institute, Columbus, Ohio. Alloy cast iron. 2,215,740; Sept. 24.
Lorig, Clarence H., and H. B. Kinnear, assignors to Battelle Memorial Institute, Columbus, Ohio. Making alloys. 2,207,350; July 9.
Lorig, Hannah. (See Hughes, Hugh T., assignor.)
Lorr Laboratories. (See Radtke, C., and Bellman, assignors.)
Lorraine, David G., Glendale, Calif., and F. M. Young, Racine, Wis. Internal combustion engine. 2,224,973; Dec. 17.
Lorrin, Marcus R., Mesa Rica, N. Mex. Hydraulic pump bucket. 2,217,283; Oct. 8.
Losch, Hermann. (See Pfuetzer, G., and Losch.)
Lose, Charles, Jr., Cranford, N. J. Filter bed cleaning. 2,195,415; Apr. 2.
Lose, Charles, Jr., Cranford, N. J. Filter bed cleaning. 2,224,191; Dec. 10.

Losee, Joseph S., assignor to Losee Products Company, Hebron, Ill. Electric water heater. Re. 21,393; Mar. 12.
Losee Products Company. (See Losee, Joseph S., assignor.)
Losee Products Company. (See Watermann, W., and Fitzgerald, assignors.)
Losenhausenwerk Düsseldorfer Maschinenbau A. G. (See Beierlein, Karl, assignor.)
Losey, Thomas B., Jr., Houston, Tex. Apparatus for testing oil wells. 2,227,192; Dec. 31.
Loshbough, James E., Elkhart, Ind. Clutch for punch presses. 2,204,421; June 11.
Losier, George E. Bloomfield, assignor of one-fifth to W. A. Hughes, Newark, and four-fifths to M. L. Losier, Bloomfield, N. J. Electric machine. 2,225,915; Dec. 24.
Losier, Marion L., et al. (See Losier, George E., assignor.)
Lothrop, Marcus. (See Kinnison, C. J., and Lothrop.)
Lott, Charles I., Du Bois, Pa. Grinding machinery. 2,219,425; Oct. 29.
Lott, Charles I., Du Bois, Pa. Metal working machine. 2,224,055; Dec. 3.
Lott, Lawson C., assignor of two-fifths to L. A. Lard, Springfield, La. Wiper. 2,212,609; Aug. 27.
Lott, Parker M., Warren, Pa. Sound record and apparatus therefor. 2,220,488; Nov. 5.
Lott, William A., East Orange, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Preparation of cyclopropane. 2,211,787; Aug. 20.
Lotter, Joseph C. and V. W., Seymour, Wis. Directional antenna control. 2,219,844; Oct. 29.
Lotter, Victor W. (See Lotter, Joseph C. and V. W.)
Lottermann, Herman, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,224,546; Dec. 10.
Lottes, Paul C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Furnace. 2,188,979; Feb. 6.
Lotz, Albert, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Producing selenium rectifiers. 2,193,598; Mar. 12.
Lotz, Rudolph W. (See Cowles, Irving, assignor.)
Lotz, Rudolph W., assignor to Nachman-Springfilled Corporation, Chicago, Ill. Spring assembly for upholstery. 2,186,548; Jan. 9.
Loucks, George C., and J. R. H. Ward, Milwaukee, Wis. Apparatus for facilitating the embossing of perforated shoe parts. 2,193,198; Mar. 12.
Loudenslager, Oscar W., Akron, and L. H. Donnell, Cuyahoga Falls, assignors to Goodyear-Zeppelin Corporation, Akron, Ohio. Model test piece. 2,205,102; June 18.
Loudon, Archibald N., Scranton, Pa. Fire alarm. 2,211,142; Aug. 13.
Lougheed, John W., Jackson, Mich. Gang hook boot. 2,204,185; June 11.
Lougheed, Victor, Lucketts, Va. Reinforced plastic structure and making same. 2,197,132; Apr. 16.
Lougheed, Victor, Lucketts, Va. Reinforced plastic and material therefor. 2,202,013; May 28.
Lougheed, Victor, Lucketts, Va. Air propeller blade and material for making same. 2,202,014; May 28.
Lougheed, Victor, Lucketts, Va. Nursing nipple. 2,223,179; Nov. 26.
Loughery, Joseph F., Philadelphia, Pa., assignor to The Duo Color Printing Press Company. Multicolor printing press. 2,205,216; June 18.
Loughlin, James F., New York, N. Y. Fermentation process for the production of butyl alcohol and other solvents. 2,219,426; Oct. 29.
Loughlin, William D., Mountain Lakes, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Tuned transmission circuits. 2,199,669; May 7.
Loughren, Arthur V., Tuckahoe, N. Y., assignor to Hazeltine Corporation. Receiver for diversity reception. 2,210,089; Aug. 6.
Loughren, Arthur V., Moorestown, and J. C. Smith, Merchantville, N. J., assignors to Radio Corporation of America. Radio signaling system. 2,204,422; June 11.
Loughridge, Matthew H. (See Everett, Edward A., assignor.)
Loughridge, Matthew H., Bogota, N. J. Liquid control system. 2,196,999; Apr. 16.
Loughridge, Matthew H., Bogota, N. J. Differential mechanism. 2,206,907; July 9.
Loughridge, Matthew H., Bogota, N. J., and R. Stuart, Forest Hills, N. Y. Photo-printing system and apparatus. 2,198,627; Apr. 30.
Loughridge, Matthew H., Bogota, N. J., and R. Stuart, Forest Hills, Long Island, N. Y. Selective photographing system. 2,209,342; July 30.
Loughridge, William R. (See Everett, Edward A., assignor.)
Lougovoy, Boris N., New York, N. Y., assignor to Ellis-Foster Company, Resins of the urea-aldehyde condensation type and their solutions. 2,189,737; Feb. 6.
Louie, Ban L., Shanghai, China. Drawing mechanism for spinning frames and the like. 2,209,573; July 30.
Louis, Fred T., assignor of one-half to G. H. Trembly, Kansas City, Mo. Illuminated automatic pad and pencil holder. 2,200,629; May 14.
Louis, George, Fillmore, Calif., assignor to The Texas Company, New York, N. Y. Liquid proportioning device. 2,212,374; Aug. 20.
Louisot, Felix H., and C. J. Muller, Hasbrouck Heights, N. J. Mechanism for processing meat products. 2,209,824; July 30.
Louisville Cement Company. (See Sabiston, Larkin, assignor.)
Louisville Drying Machinery Company. (See Lissauer, Adolph W., assignor.)
Loumiet et Lavigne, Jean, Playa de la Teja, Itabo, Cuba. Separator. 2,193,460; Mar. 12.
Loungway, Arthur M., Endicott, N. Y. Traffic signal. 2,190,035; Feb. 13.
Lounsbury, Jesse H., Plainfield, assignor to Rutherford Press, Inc., Rutherford, N. J. Book. 2,193,534; Mar. 12.
Lounsbury, John C., Washington, D. C. Sewing machine needle threader. 2,210,943; Aug. 13.
Lounsbury, John C., Washington, D. C. Needle threader and presser foot. 2,214,306; Sept. 10.
Louthan Manufacturing Co., The. (See Louthan, William B., assignor.)
Louthan, William B., assignor to The Louthan Manufacturing Co., East Liverpool, Ohio. Clay pin making apparatus. 2,197,699; Apr. 16.
Loutrel, Cyrus H., South Orange, assignor to The National Lock Washer Company, Newark, N. J. Rail fastener. 2,207,262; July 9.
Love, David, Lougheed, Alberta, Canada. Grain conveyer and loader. 2,223,894; Dec. 3.
Love, Dumont, St. Augustine, Fla. Locomotive wedge bolt nut lock device. 2,190,075; Feb. 13.
Love, Dumont, St. Augustine, Fla. Locomotive wedge bolt nut lock device. 2,190,076; Feb. 13.
Love, Dumont, St. Augustine, Fla. Testing means for air compressors. 2,198,411; Apr. 23.
Love, Edward H., Memphis, Tenn. Pitcher's rubber. 2,189,428; Feb. 6.
Love, Frank G., Yonkers, N. Y., assignor to The New York Central Railroad Company. Lading strap anchor. 2,226,667; Dec. 31.
Love, Harold, New York, N. Y., and L. Gordon, Elizabeth, N. J. Bottle dispensing closure. 2,215,589; Sept. 24.
Love, J. W. (See Faulkner, Herschel C., assignor.)
Love, James E. (See Hume, H. D., and Love.)
Love, James E., Garfield, Wash. Crop lifter. 2,214,965; Sept. 17.
Love, John M. (See Safford, L. A., and Love.)
Love, Lee C., assignor to The Ebco Manufacturing Company, Columbus, Ohio. Refrigerated liquid dispenser. 2,188,574; Jan. 30.
Love, Leonard B., New York, N. Y. Method and apparatus for safe collection, delivery, and transportation of valuables. 2,185,209; Jan. 2.
Love, Wilbert B., Mountain Lake Park, Md. Reading and writing table. 2,193,907; Mar. 19.
Lovejoy, Arthur W., Lowell, Mass. Folding box. 2,185,510; Jan. 2.
Lovejoy, Ethel M., Seattle, Wash. Lingerie clip. 2,194,709; Mar. 26.
Lovelace, Cleo, Aberdeen, Wash. Food cutting and pressing machine. 2,200,032; May 7.
Loveland, Robert P., Fort Wayne, Ind., assignor to General Electric Company. Commutator. 2,207,594; July 9.
Loveland, Russ A. (See Tyler, W. E., Douglas, Chamberlain, and Loveland.)
Loveless, Glenn R., Kansas City, Mo. Refrigerator structure. 2,187,274; Jan. 16.
Lovell, J. A., et al. (See Brown, Owen Y. and J. D., assignors.)
Lovell, Lawrence L., Wood River, Ill., assignor to Shell Development Company, San Francisco, Calif. Manufacture of turbine oils. 2,218,133; Oct. 15.
Lovell Manufacturing Company. (See Brandt, James W., assignor.)
Lovell Manufacturing Company. (See Godfrey, Earl V., assignor.)
Lovell Manufacturing Company. (See Kauffman, Walter L., II, assignor.)
Lovell Manufacturing Company. (See Watts, Noble H., assignor.)
Lovell, Roy F. (See Lawson, R. H., and Lovell.)
Lovell, Stanley P., Newton Center, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H. Shoe stiffener blank and making the same. 2,186,589; Jan. 9.
Lovell, Stanley P., Newton Center, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H. Shoe stiffener. 2,207,684; July 9.
Lovell, Stanley P., Newton, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H. Gelatinizing or colloiding low-viscosity colloids. 2,217,023; Oct. 8.
Lovell, Stanley P., Newton, assignor to Castex Laboratories, Inc., Watertown, Mass. Splint-forming material. 2,218,844; Oct. 22.
Lovell, William E. (See Dahl, James T., assignor.)
Lover, Matthew J., and J. Colquitt, Shreveport, La. Ear protecting device. 2,198,546; Apr. 23.
Loverde, Anthony. (See Kimball, R. H., and Loverde.)
Lovett, Louis E. (See Fryer, L. S., and Lovett.)
Lovett, Louis E. (See Samerdyke, F. J., and Lovett.)

Lovett, Louis E., Cleveland Heights, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Thread winding mechanism. 2,188,814; Jan. 30.
Lovett, Louis E., Cleveland Heights, Ohio. Dialyzing diaphragms and making the same. 2,197,805; Apr. 23.
Lovett, Louis E., Cleveland Heights, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Apparatus for the manufacture of thread or the like. 2,203,793; June 11.
Lovett, Sidney R., assignor of one-third to M. S. De Roy, Pittsburgh, Pa. Door mounting and latching means. 2,195,991; Apr. 2.
Lovett, Victor J. (See McCollum, A. O., and Lovett.)
Lovgren, Arvid, St. Paul, Minn. Tool for cleaning and dressing fish. 2,203,169; June 4.
Lovice, Herman, Passaic, N. J. Cloth erasing tool. 2,214,084; Sept. 10.
Low, Clarence H., assignor to Flents Products Co. Inc., New York, N. Y. Light shield. 2,191,937; Feb. 27.
Low, John M., Evanston, Ill. Gathering table. 2,194,802; Mar. 26.
Low Moore Alloy Steelworks Limited. (See Nesfield, Albert C., assignor.)
Lowd, Robert T., Jr., and S. S. Kay, Miami, Fla. Glass welding apparatus. 2,186,647; Jan. 9.
Lowe, Alfred B. and R. A., Oak Harbor, Ohio. Tractor accessory. 2,193,560; Mar. 12.
Lowe, Charles B., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Coincidental lock. 2,199,226; Apr. 30.
Lowe, Charles N., Cleveland, Ohio, assignor to United Autographic Register Co. Apparatus for attaching printing plates to a cylinder. 2,209,127; July 23.
Lowe, Ernest A., Fanwood, assignor to The Airelease Corporation, Jersey City, N. J. Thermal relief valve. 2,187,906; Jan. 23.
Lowe, Ernest A., Fanwood, assignor to The Airelease Corporation, Jersey City, N. J. Bimetallic electric thermostat. 2,213,526; Sept. 3.
Lowe, Ernest A., Fanwood, assignor to The Airelease Corporation, Jersey City, N. J. Sprinkler head. 2,213,527; Sept. 3.
Lowe, Ernest A., Fanwood, assignor to The Airelease Corporation, Jersey City, N. J. Thermal relief valve. 2,213,528; Sept. 3.
Lowe, Ernest A., Fanwood, assignor to The Airelease Corporation, Jersey City, N. J. Pneumatic and fusible metal electric thermostat. 2,224,738; Dec. 10.
Lowe, Ernest A., Fanwood, N. J., and J. R. Hamilton, Youngstown, Ohio, assignors, by mesne assignments, of one-half to E. A. Lowe, Fanwood, and one-half to S. T. Van Houten, Allendale, N. J. Fire extinguishing system. 2,196,592; Apr. 9.
Lowe, James D., Bridgeport, Conn., assignor to General Electric Company. Wire reinforced cord set. 2,206,703; July 2.
Lowe, Joe. (See Hogue, James E., assignor.)
Lowe, Joe, Corporation. (See Taylor, W. J., and Hennessy, assignors.)
Lowe, Lawson L., et al. (See Thompson, Richard J.)
Lowe, Nolan D., Franklin, Idaho. Fish screen cleaning device. 2,198,943; Apr. 30.
Lowe Paper Company. (See Denny, George D., assignor.)
Lowe Paper Company. (See Kabela, F., and Whiting, assignors.)
Lowe, Raymond A. (See Lowe, Alfred B. and R. A.)
Lowe, Richard H., assignor to The General Engineering Company, Salt Lake City, Utah. Deinking imprinted paper. 2,219,781; Oct. 29.
Lowe, Rudy. (See Corydon, J., and Lowe.)
Lowe, Russell E. (See Morgan, J. D., and Lowe.)
Lowe, Vernon J., and A. W. Bean, Marengo, Ill. Preparation of cooked acid casein. 2,225,387; Dec. 17.
Lowe, Weston, Blackfoot, Idaho. Combination cigarette package and matches. 2,190,408; Feb. 13.
Lowe, William G. (See Rooney, J. H., Daly, and Lowe.)
Loweke, Aaron A., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure system. 2,189,013; Feb. 6.
Loweke, Aaron A., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure producing device. 2,214,966; Sept. 17.
Loweke, Erwin F., assignor to Hydraulic Brake Company, Detroit, Mich. Flexible cup. 2,196,337; Apr. 9.
Loweke, Erwin F., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure system. 2,196,930; Apr. 9.
Loweke, Erwin F., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure producing device. 2,202,351; May 28.
Loweke, Erwin F., assignor to Hydraulic Brake Company, Detroit, Mich. Brake. 2,214,967; Sept. 17.
Loweke, Erwin F., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure braking system. 2,216,847; Oct. 8.
Loweke, Erwin F., assignor to Hydraulic Brake Company, Detroit, Mich. Brake. 2,216,848; Oct. 8.
Lowell, John O., Kirkwood, Mo. Archery set. 2,186,386; Jan. 9.
Lowell, Percival D., Chevy Chase, Md. Superheterodyne signal receiving system. 2,186,980; Jan. 16.
Lowell, Percival D., Chevy Chase, Md. Radio telegraph receiver. 2,193,825; Mar. 19.
Lowen, Stanley, New York, N. Y. Combination applicator and closure. 2,197,052; Apr. 16.
Lowenberg, Theodor. (See Seim, Karl F., assignor.)
Lowenstein, Carl. (See Elle, Eugen, assignor.)
Löwenstein, Leo, Berlin-Wilmersdorf, Germany. Electrolytically producing arsenates. 2,223,929; Dec. 3.
Lower, Nathan M., Erie, Pa. Stoker. 2,205,596; June 25.
Lower, Nathan M., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Locomotive tender. 2,203,098; June 4.
Lower, Nathan M., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Stoker. 2,214,470; Sept. 10.
Lowes, Jacob W., Quill Lake, Saskatchewan, Canada. Safety pole clip. 2,220,789; Nov. 5.
Lowkrantz, Gunne, Endicott, assignor to International Business Machines Corporation, New York, N. Y. Sensing device. 2,220,489; Nov. 5.
Lowman, John C. (See Hyatt, C. S., and Lowman.)
Lowres, Bert J., East Orange, N. J. Lens strap for ophthalmic mountings. 2,220,453; Nov. 5.
Lowrey, Edward G., Bristol, R. I., assignor to United States Rubber Company, New York, N. Y. Electric circuit for burners. 2,209,410; July 30.
Lowrey, George A., Houston, Tex. Inside pipe cutter. 2,204,091; June 11.
Lowrie, Virgil. (See Allison, Douglas, assignor.)
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Vertical bar anchoring means. 2,188,411; Jan. 30.
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sash and store front construction. 2,188,412; Jan. 30.
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sash or store front construction. 2,190,720; Feb. 20.
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Drawing board. 2,197,556; Apr. 16.
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sash and store front construction. 2,197,557; Apr. 16.
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Division, corner and reverse bar. 2,213,402; Sept. 3.
Lowry, Clyde D., and P. E. Spahn, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Awning enclosure. 2,205,015; June 18.
Lowry, Erwin F., Batavia, Ill. Cathode for gas or vapor discharge tubes. 2,208,467; July 16.
Lowry, Herbert M. (See Leute, K. M., and Lowry.)
Lowry, Le Roy D., Detroit, Mich. Apparatus for cleaning coils. 2,204,900; June 18.
Lowry, Robert D. (See Bass, S. L., Stoesser, and Lowry.)
Lowry, Robert D., assignor to The Dow Checimal Company, Midland, Mich. Molding polystyrene and related resins. 2,224,852; Dec. 17.
Lowry, Thomas K., assignor to Darling & Company, Chicago, Ill. Apparatus for rendering and extraction. 2,199,670; May 7.
Lowry, William G., Cincinnati, Ohio. Antiskid tire. 2,217,122; Oct. 8.
Lowther, Bernie H. (See Jenkins, Dave M., assignor.)
Lowther, Jesse P., Spokane, Wash. Toilet ventilator. 2,214,200; Sept. 10.
Loxterman, Henry R., Aspinwall, assignor to Blaw-Knox Company, Pittsburgh, Pa. Water cooled doorframe. 2,195,538; Apr. 2.
Lozier, Matthew, Brooklyn, N. Y., and C. H. Frost, Newark, N. J., assignors to Cook Laboratories, Inc., New York, N. Y. Controllable transfer element for multiple compartment ampules. 2,193,322; Mar. 12.
Lozier, Nelson R. (See Klein, R. H., and Lozier.)
Lozivit, René, Paris France, assignor to Societe Generale Des Carburateurs Zenith, Geneva, Switzerland. Throttle control for internal combustion engines. 2,226,345; Dec. 24.
Lozivit, René, Paris, France, assignor to Societe Generale des Carburateurs Zenith, Geneva, Switzerland. Carburetor. 2,227,267; Dec. 31.
Lozon, Carl F., Massillon, Ohio. Production of charged capsules. 2,200,577; May 14.
Luban, William C., Tampa, Fla. Preserving fruit peels and rinds. 2,186,549; Jan. 9.
Lubberhuizen, Jan W., Lobositz, Sudetenland, Germany, assignor to N. V. Internationale Spinpot Exploitatie Maatschappij "Isem", Doetinchem, Netherlands. Electrical driving device for a rapidly rotating member, such as a spinning pot for artificial silk. 2,194,286; Mar. 19.
Lubbert, Carl B., Anneslie, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Article sorting apparatus. 2,209,411; July 30.
Lubcke, Harry R., assignor to Don Lee Broadcasting System, Los Angeles, Calif. Television apparatus. 2,185,640; Jan. 2.
Lubcke, Harry R., assignor to Don Lee Broadcasting System, Los Angeles, Calif. System of television synchronization. 2,201,295; May 21.
Luber, Anthony J., North Hollywood, Calif. Toothpick dispenser and holder. 2,193,732; Mar. 12.
Lubin, Alfred, Chicago, Ill., assignor to Lumax Photo Utilities, Chicago, Ill. Composition guide. 2,193,518; Mar. 12.
Lubin, Henry G. (See Vivaudou, J. E., and Lubin.)

Lubrication Corporation, The. (See Tear, Harry R., assignor.)
Lubri-Zol Corporation, The. (See Prutton, Carl F., assignor.)
Lubri-Zol Development Corporation, The. (See Lincoln, Bert H., assignor.)
Lubri-Zol Development Corporation, The. (See Lincoln, B. H., and Henriksen, assignors.)
Lubri-Zol Development Corporation, The. (See Lincoln, B. H., Steiner, and Byrkit, assignors.)
Lubri-Zol Development Corporation, The. (See Lincoln, B. H., Steiner, and Henriksen, assignors.)
Lubri-Zol Development Corporation, The. (See Prutton, C. F., and Smith, assignors.)
Lubri-Zol Development Corporation, The. (See Prutton, C. F., Smith, and Johnson, assignors.)
Lubri-Zol Development Corporation, The. (See Wunsch, J. A., and Marlies, assignors.)
Lubs, Herbert A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stripping dyed textile. 2,206,535; July 2.
Lubs, Herbert A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Diazo composition. 2,209,985; Aug. 6.
Lubs, Herbert A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dye stain. 2,225,603; Dec. 17.
Lubs, Herbert A., and C. K. Black, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Spirit printing inks and making same. 2,200,069; May 7.
Lubs, Herbert A., Wilmington, Del., and A. J. Johnson, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing aryl mercaptans. 2,216,849; Oct. 8.
Lubs, Herbert A., Wilmington, and C. K. Black, Bellefonte Heights, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coloring composition. 2,225,604; Dec. 17.
Lubszynski, Hans G. (See McGee, J. D., Lubszynski, and Blythen.)
Lubszynski, Hans G., Hillingdon, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electron discharge device. 2,199,438; May 7.
Lubszynski, Hans G., Hillingdon, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electron lens. 2,203,734; June 11.
Lubszynski, Hans G., Hillingdon, assignor to Electric & Musical Industries Ltd., Hayes, Middlesex, England. Television system. 2,225,063; Dec. 17.
Lubszynski, Hans G., Hillingdon, assignor to Electric & Musical Industries, Limited, Hayes, England. Electron tube apparatus. 2,227,097; Dec. 31.
Lubszynski, Hans G., Hillingdon, and H. Miller, Norwood Green, Southall, assignors to Electrical & Musical Industries Limited, Hayes, Middlesex, England. Electro-optical image device. 2,185,857; Jan. 2.
Luby, Charles H., Philadelphia, Pa., assignor to Corn Products Refining Company, New York, N. Y. Molded article and producing same. 2,214,140; Sept. 10.
Lucas, Cecil E. (See Elf, J. E., Lucas, and Christie.)
Lucas, Earnie W., assignor of forty-five per cent to T. T. Barnes, A. C. Hinton, and R. M. Barnes, Wilson, N. C. Vehicle. 2,191,964; Feb. 27.
Lucas, George J. (See Brant, W. S., Lucas, Weaver, and Eakle.)
Lucas, Henry M., and H. N. Stephan, Cleveland Heights, assignors to The Lucas Machine Tool Company, Bratenahl, Ohio. Horizontal boring machine. 2,208,311; July 16.
Lucas, Henry M., and H. N. Stephan, Cleveland Heights, assignors to The Lucas Machine Tool Company, Bratenahl, Ohio. Horizontal boring machine. 2,208,312; July 16.
Lucas, Johnathan, Savannah, Ga. Loom. 2,204,606; June 18.
Lucas, Jonathan, Savannah, Ga. Selvage knitting needle for looms of the double fill loop type. 2,216,099; Sept. 24.
Lucas, Lawrence N., Evanston, assignor to The Bastian-Blessing Company, Chicago, Ill. Display showcase. 2,201,696; May 21.
Lucas Machine Tool Company, The. (See Lucas, H. M., and Stephan, assignors.)
Lucas, Manuel, New York, N. Y. Clamping device. 2,194,803; Mar. 26.
Lucas, Owen D. (See Pleydell-Bouverie, C., and Lucas.)
Luce, Albert L., Fort Valley, Ga. Structural steel vehicle body. 2,199,886; May 7.
Luce, Herbert H., Spokane, Wash. Boat. 2,218,264; Oct. 15.
Luce, Richard W., Westfield, N. J. Lock nut. 2,196,637; Apr. 9.
Luce, Richard W., Westfield, N. J. Manufacturing lock nuts. 2,226,935; Dec. 31.
Luce, Willis F., Oakland, and C. C. Kennedy, Palo Alto, Calif.; said Kennedy assignor to Owens-Illinois Pacific Coast Company. Fruit box liner. 2,206,014; July 2.
Luchs, Frank J., and A. D. Fischer, Washington, D. C. Heat exchange device. 2,206,481; July 2.
Lucht, Victor F., Silver Spring, Md. Gearing. 2,211,788; Aug. 20.
Lucia, Louis V., West Hartford, assignor to The Standard Meter Corporation, Hartford, Conn. Fastener. 2,189,495; Feb. 6.
Lucian, Arsene N., Philadelphia, Pa. Sign. 2,213,868; Sept. 3.
Lucian, Arsene N., Philadelphia, Pa., assignor to Heatless Light Corporation, Newark, N. J. Luminescent device. 2,221,644; Nov. 12.
Lucidol Corporation. (See Hooft, F. V., and Hodge, assignors.)
Lucius, William I., Mount Vernon, assignor to Johns-Manville Corporation, New York, N. Y. Ventilating partition structure. 2,214,821; Sept. 17.
Lucius, William I., Mount Vernon, assignor to Johns-Manville Corporation, New York, N. Y. Ventilating ceiling. 2,221,001; Nov. 12.
Luck, David G. C., Haddon Heights, N. J., assignor to Radio Corporation of America. Rotating radio beacon. 2,208,376; July 16.
Luck, David G. C., Haddon Heights, N. J., assignor to Radio Corporation of America. Radio direction finding. 2,208,377; July 16.
Luck, David G. C., Haddon Heights, N. J., assignor to Radio Corporation of America. Continuously indicating radio compass. 2,208,378; July 16.
Luck, David G. C., Oaklyn, N. J., assignor to Radio Corporation of America. Radio navigation device. 2,208,379; July 16.
Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange apparatus. 2,217,594; Oct. 8.
Lucke, Henry J. (See Vonschott, William, assignor.)
Lucker, Millard B., assignor to Auto Specialties Manufacturing Company, St. Joseph, Mich. Brake control mechanism. 2,188,281; Jan. 23.
Lucker, Millard B., assignor to Auto Specialties Manufacturing Company, Saint Joseph, Mich. Forming device. 2,222,910; Nov. 26.
Lucker, Millard B., assignor to Auto Specialties Manufacturing Company, St. Joseph, Mich. Lifting jack. 2,227,393; Dec. 31.
Lucker, Millard B., assignor to Auto Specialties Manufacturing Company, St. Joseph, Mich. Lifting jack. 2,227,394; Dec. 31.
Lucker, Millard B., assignor to Auto Specialties Manufacturing Company, St. Joseph, Mich. Lifting jack. 2,227,395; Dec. 31.
Lucker, Millard B., assignor to Auto Specialties Manufacturing Company, St. Joseph, Mich. Automobile jack. 2,227,396; Dec. 31.
Lucker, Millard B., assignor to Auto Specialties Manufacturing Company, St. Joseph, Mich. Jack. 2,227,397; Dec. 31.
Lückerath, Franz. (See Winter, E., Lückerath, and Windelband.)
Luckhardt, Hans. (See Lorenz, A., and Luckhardt.)
Luckhaupt, Christopher, Jamaica, N. Y. Package for infusing material. 2,193,974; Mar. 19.
Luco Products Corporation. (See Smidth, Leonard, assignor.)
Ludbrook, Leslie C., Rugby, England, assignor to General Electric Company. Electrical control system. 2,213,882; Sept. 3.
Ludeman, Oscar H., Rye, N. Y. Boiler feed system. 2,215,819; Sept. 24.
Ludington, Charles T., Ardmore, Pa. Building. 2,206,040; July 2.
Ludington, Lawrence L., Muncie, Ind., assignor to Ball Brothers Company. Drive and timing mechanism. 2,212,348; Aug. 20.
Ludington, William C., Wilkinsburg, assignor to Blaw-Knox Company, Blawnox, Pa. Fluid inlets for rotary mixer. 2,192,406; Mar. 5.
Ludlow Valve Manufacturing Co., The. (See Lee, Henry B., assignor.)
Ludovici, Renato, Chicago, Ill. Apparatus for waving hair. 2,192,449; Mar. 5.
Ludwig, August, and C. L. Swihart, Menominee, Mich. Recovering sugar crystals from solution. 2,213,710; Sept. 3.
Ludwig, H. L., and Son, Inc. (See Martin, Charles H., assignor.)
Ludwig, Harold L., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,203,916; June 11.
Ludwig, Johannes P., assignor to Phoenix Hosiery Company, Milwaukee, Wis. Nonrun knitted fabric and producing it. 2,195,218; Mar. 26.
Ludwig, John, Detroit, Mich. Hinge. 2,200,511; May 14.
Ludwig, John, and G. M. Gebhardt, Detroit, Mich. Self-locking hinge. 2,206,326; July 2.
Ludwig, Leon R. (See Slepian, J., and Ludwig.)
Ludwig, Leon R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric device. 2,201,007; May 14.
Ludwig, Leon R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Mercury arc rectifier. 2,210,682; Aug. 6.
Ludwig, Leon R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Arc-back indicator. 2,217,446; Oct. 8.
Ludwig, Leon R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,223,523; Dec. 3.
Ludwig, Leon R., Wilkinsburg, and M. E. Horn, Edgewood, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,214,471; Sept. 10.

Ludwig, Louis, Brooklyn, N. Y. Winker for electric lamps. 2,219,744; Oct. 29.
Ludwig, Louis, Brooklyn, N. Y. Range connector. 2,224,547; Dec. 10.
Ludwig, Oskar R., assignor to Röhm & Haas Company, Philadelphia, Pa. Laminating with a urea formaldehyde resin. 2,187,383; Jan. 16.
Ludwig, Oskar R., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Urea-formaldehyde resins. 2,217,372; Oct. 8.
Ludwig, Robert. (See Wolpert, O., and Ludwig.)
Ludwig, Walter, assignor of one-half to the firm of Ostpreussen-werk Aktiengesellschaft, Konigsberg, Germany. Impregnating stakes, posts, poles, and the like. 2,186,648; Jan. 9.
Ludwig, William, Bruno, Saskatchewan, Canada. Loading device. 2,191,130; Feb. 20.
Lueck, Edward J., Geneva, N. Y., assignor to Shuron Optical Company, Inc. Apparatus for subjective optical testing. 2,213,711; Sept. 3.
Luehdemann, Rolf. (See Reppe, W. Rothaas, Schmidt, and Luehdemann.)
Luehdemann, Rolf, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of zinc hyposulphite. 2,204,504; June 11.
Luers, John M., Chesterfield Township, Macomb County, Mich. Parting tool. 2,202,591· May 28.
Luers, John M., Chesterfield Township, Macomb County, Mich. Tool holder. 2,223,831; Dec. 3.
Luetkemeyer, Henry W. (See Palm, J. V. O., and Leutkemeyer.)
Lufft, Victor C. (See Kraus, C., and Lufft.)
Lufkin Foundry & Machine Company. (See Fincher, John L., assignor.)
Lufkin Foundry & Machine Company. (See Trout, W. C., and Graham, assignors.)
Lufkin Foundry & Machine Company. (See Trout, W. C., and Tollefson, assignors.)
Lufkin Rule Company, The. (See Witchger, Eugene J., assignor.)
Luft, Peter, assignor of one-fourth to A. Ostlund, Aylsham, Saskatchewan, Canada. Cutting tool. 2,185,673; Jan. 2.
Luhn, Hans P., North Tarrytown, N. Y., assignor to J. W. Geary, Jr., Houston, Tex. Apparatus for picking cotton. 2,204,092; June 11.
Luhrman, Albert H., Cincinnati, Ohio. Pasting machine for battery grids. 2,212,070; Aug. 20.
Luhrman, Albert H., Cincinnati, Ohio. Unloading device for battery grid pasting machines. 2,218,849; Oct. 22.
Luhrs, John F., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Measuring and controlling apparatus. 2,217,638; Oct. 8.
Luhrs, John F., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Measuring system. 2,217,639; Oct. 8.
Luhrs, John F., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Measuring apparatus. 2,217,642; Oct. 8.
Luiken, Arnold, Paterson, N. J. Folding chair. 2,222,296; Nov. 19.
Lukács, Ernst, Budapest, Hungary. Cold working metal bars. 2,225,064; Dec. 17.
Lukens, Alan F., Lynn, Mass., assignor to General Electric Company. Capacitor motor control. 2,193,634; Mar. 12.
Lukens Steel Company. (See Wolcott, Darwin S., assignor.)
Luker, Arthur E., Lorne Park, Ontario, Canada. Automobile headlighting. 2,221,054; Nov. 12.
Lukes, Adolph F., Waterloo, Iowa. Corn gathering, snapping, and husking roll. 2,219,483; Oct. 29.
Lukesh, Gustave R., Pasadena, Calif., and J. G. Goedike, San Antonio, Tex. Uninegative multicolor planography. 2,200,286; May 14.
Lukezic, Matthew M., Chicago, Ill. Cigar or cigarette lighter. 2,198,311; Apr. 23.
Lukomski, Stanley, Detroit, Mich. Adjustable leveling drain head. 2,190,532; Feb. 13.
Lulek, Ralph N., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,188,776; Jan. 30.
Lulek, Ralph N., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuff of the anthraquinone series. 2,212,028; Aug. 20.
Lulek, Ralph N., Silverside Heights, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,212,029; Aug. 20.
Lulek, Ralph N., Silverside Heights, and W. Dettwyler, Pitman, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Anthraquinone vat dyestuffs. 2,203,227; June 4.
Lull, Orlo C. (See Rowell, William H., assignor.)
Lum, Philip L. S. (See Habig, W. E., and Lum.)
Lumax Photo Utilities. (See Lubin, Alfred, assignor.)
Lumbard, Henry G., Auburn, Maine. Cushion sole shoe. Re. 21,656; Dec. 10.
Lumbard, Henry G., Auburn, Maine. Welt insole. 2,204,505; June 11.
Lumbard, Henry G., Auburn, Maine. Shoemaking. 2,211,509; Aug. 13.
Lumbard, Henry G., Auburn, Maine. Making insoles. 2,216,204; Oct. 1.
Lumbard, Henry G., Auburn, Maine. Making insoles. 2,216,205; Oct. 1.
Luminous Processes, Inc. (See Fordyce, Rufus G., assignor.)
Lumley, Maurice, assignor to The F. H. Lawson Company, Cincinnati, Ohio. Friction latch. 2,226,868; Dec. 31.
Lummus Company, The. (See Berkeley, F. D., and Gibb, assignors.)
Lummus Company, The. (See Boeckeler, Benjamin C., assignor.)
Lummus Company, The. (See Collins, Raymond R., assignor.)
Lummus Company, The. (See Gibb, John A., assignor.)
Lummus Company, The. (See Jacocks, George T., assignor.)
Lummus Company, The. (See Kraft, Wheaton W., assignor.
Lummus Company, The. (See Kraft, W. W., Zimmerman, and Gibb, assignors.)
Lummus Company, The. (See Mekler, V., and Schutte, assignors.)
Lummus Company, The. (See Reed, C. S., and Smith, assignors.)
Lummus Company, The. (See Schauble, Otto C., assignor.)
Lummus Company, The. (See Schutte, August H., assignor.)
Lummus Cotton Gin Company. (See Grimes, Thaddeus S., assignor.)
Lummus Cotton Gin Company. (See Tigner, Clarence H., assignor.)
Lund, Albert A., New York, N. Y. Preparing grained confections. 2,199,887; May 7.
Lund, Albert A., Fort Washington, N. Y. Preparing chocolate. 2,212,544; Aug. 27.
Lund, Arthur D. (See Feldtkeller, C. L., and Lund.)
Lund, Arthur D., Minneapolis, Minn., assignor to Solar Corporation, Milwaukee, Wis. Mold for battery grid plates. 2,194,092; Mar. 19.
Lund, Florence C., executrix. (See Lund, Nels B., assignor.)
Lund, Frank M., assignor of fifty per cent to A. I. Blanc, Chicago, Ill. Trimming board. 2,185,985; Jan. 2.
Lund, James K., assignor to The Dole Valve Company, Chicago, Ill. Valve. 2,199,439; May 7.
Lund, James K., Oak Park, assignor to The Dole Valve Company, Chicago, Ill. Thermostatic controlling device. 2,216,015; Sept. 24.
Lund, Nels B., deceased, by Florence C. Lund, Seaford, N. Y., executrix; said Nels B. Lund assignor to The Dorr Company, Inc., New York, N. Y. Sedimentation tank. Re. 21,536; Aug. 20.
Lund, Nels B., Seaford, deceased, F. C. Lund, executrix, assignor to The Dorr Company, Inc., New York, N. Y. Liquid clarification. 2,215,185; Sept. 17.
Lund, Nels B., Seaford, assignor to The Dorr Company, Inc., New York. Liquid distributor. 2,225,836; Dec. 24.
Lund, Nels B., Seaford, assignor to The Dorr Company, Inc., New York, N. Y. Liquid distributor. 2,225,837; Dec. 24.
Lund, Otto, Hellerup, near Copenhagen, and O. Petersen, Gentofte, near Copenhagen, Denmark. Two-stroke internal combustion engine. 2,219,093; Oct. 22.
Lund, Wilfrid H., Beckenham, England, assignor to General Electric Company. Electric incandescent lamp. 2,214,472; Sept. 10.
Lundberg, Arthur H., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Railway car. 2,220,253; Nov. 5.
Lundberg, Hans F. L. (See Zuschlag, Theodor, assignor.)
Lundberg, Nels S., and C. B. De Vlieg, Jackson, Mich., assignors, by mesne assignments, to The Bullard Company, Bridgeport, Conn. Milling machine. 2,213,251; Sept. 3.
Lundblad, Carl E., St. Paul, Minn. Meat tenderer. 2,189,957; Feb. 13.
Lundbye, Axel E. (See Abernathy, C. G., and Lundbye.)
Lundbye, Axel E., Nunda, N. Y. Road paver. 2,225,481; Dec. 17.
Lunde, Edwin L., Sioux City, Iowa. Tire pressure warning device. 2,223,423; Dec. 3.
Lundeen, Chester A., Los Angeles, assignor to Byron Jackson Co., Huntington Park, Calif. Support for upset pipe or rod. 2,207,203; July 9.
Lundegårdh, Henrik G., Uppsala, Sweden, assignor to the firm Carl Zeiss, Jena, Germany. Apparatus for preparing a film strip for the inspection of a series of consecutive impressions of light on the sensitive layer of same. 2,221,055; Nov. 12.
Lundgren, John, Askov, Minn. Pump jack. 2,196,774; Apr. 9.
Lundman, Theodore, Hopkins, Minn. Wrist watch bracelet. 2,190,878; Feb. 20.
Lundquist, Albert L., Port Arthur, Tex. Marking device. 2,225,523; Dec. 17.
Lundquist, Gustav, and S. H. Krisak, Superior, Wis. Pencil holder. 2,219,596; Oct. 29.
Lundquist, Hjalmar T., Kennett Square, Pa., and J. S. Tatnall, Claymont, assignors to National Vulcanized Fibre Company, Wilmington, Del. Apparatus for testing tubes by impact. 2,197,585; Apr. 16.

Lundquist, Ludwig E., Brooklyn, N. Y. Hand crutch. 2,189,429; Feb. 6.
Lundquist, Wilton G. (See Taylor, P. B., and Lundquist.)
Lundquist, Wilton G., Glen Rock, N. J., assignor to Wright Aeronautical Corporation. Selective speed propeller drive for aircraft engines. 2,225,121; Dec. 17.
Lundstrom, Alexis A., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency selective amplifier. 2,219,189; Oct. 22.
Lundstrom, Alexis A., East Orange, and E. L. Norton, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,201,296; May 21.
Lundstrom, Carl G., Des Moines, assignor of one-fourth to A. Anstrom, Boone, Iowa. Safety device for wringers. 2,207,436; July 9.
Lundstrom, Ernest R., Worcester, Mass. Lighting device. 2,201,045; May 14.
Lundstrom, William C., Spokane, Wash. Drain opener. 2,215,360; Sept. 17.
Lunken, Edmund H., Hartsdale, N. Y. Building construction. 2 226,248; Dec. 24.
Lunkenheimer Company, The. (See Hehenann, Frederick H., assignor.)
Lunn, Charles A., and A. R. Belyea, Norwalk, Conn., assignors to Consolidated Edison Company of New York, Inc., New York, N. Y. Prevention of formation of stable tar emulsions. 2,224,228; Dec. 10.
Lunsford, Jesse B. (See Seaman, E. F., and Lunsford.)
Lunsford, Jesse B., Washington, D. C. Electrical conductor. 2,185,558; Jan. 2.
Lunt, Raymond L., Cuyahoga Falls, Ohio. Electroplating molds for rubber articles. 2,206,908; July 9.
Lunt, Robert W., assignor to Callender's Cable and Construction Company Limited, London, England. Electric cable. 2,217,284; Oct. 8.
Lupfer, Robert N., assignor The Springfield Leather Products Company, Springfield, Ohio. Billfold. 2,205,267; June 18.
Lupfer, Robert N., and W. R. Whitmer, assignors to The Springfield Leather Products Company, Springfield, Ohio. Billfold. 2,217,556; Oct. 8.
Lupo, Joseph, Jr., New York, N. Y. Process and compound for polishing plastics. Re. 21,432; Apr. 23.
Lupo, Joseph, Jr., New York, N. Y. Machine for producing articles of molded plastic material. 2,209,412; July 30.
Lupo, Joseph, Jr., Bronx, N. Y. Compound for and process of surface finishing metallic articles. 2,185,262; Jan. 2.
Luppert, Valentine C., Williamsport, Pa. Extension table. 2,187,133; Jan. 16.
Luppert, Valentine C., assignor to Keystone Friction Hinge Company, Williamsport, Pa. Bed. 2,211,980; Aug. 20.
Lurie, August J., Chicago, Ill. Utility knife. 2,187,590; Jan. 16.
Lurie, Joseph M., assignor to W. S. Libbey Company, Lewiston, Maine. Rubberized fabric. 2,213,883; Sept. 3.
Lurie, William A., et al. (See Reynolds, Robert E., assignor.)
Lurtz, Carl, Brooklyn, N. Y. Time controlled cooking device. 2,192,600; Mar. 5.
Lurtz, Carl, Brooklyn, N. Y. Gear train assembly. 2,196,532; Apr. 9.
Lusby, Oscar W. (See Karrer, S., and Lusby.)
Lüscher, Emil, assignor to Lonza Elektrizitatswerke und Chemische Fabriken Aktiengesellschaft (Gampel und Basel), Basel, Switzerland. Production of phosphatic fertilizers. 2,189,248; Feb. 6.
Lüscher, Emil, assignor to Lonza Elektrizitatswerke und Chemische Fabriken A. G., Basel, Switzerland. Production of phosphatic fertilizers. 2,220,575; Nov. 5.
Lush, William. (See Geeraert, L. J. L., and Lush.)
Lusher, Albert C., Waterbury, Conn., assignor, by mesne assignments, to No-Kap Closures (U. S. A.) Inc., Providence, R. I. Nozzle closure means for containers. 2,209,062; July 23.
Lusk, Joseph W., Auburn, N. Y. Bathing cap. 2,192,837; Mar. 5.
Lussky, White & Coolidge, Inc. (See Ames, Burton A., assignor.)
Lustfield, Francis E. (See Lustfield, Herman G. and F. E.)
Lustfield, Herman G. and F. E., Brooklyn, N. Y. Doll's eye. 2,195,315; Mar. 26.
Lustig, Walter R., Rockford, Ill. Lid support. 2,206,909; July 9.
Lustig, Walter R., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Lid support. 2,209,986; Aug. 6.
Luten, Daniel B., Jr. (See Hund, W. J., Thomas, and Luten.)
Luth, Harold J. (See Scheidemantel, H. B., and Luth.)
Luthe, Julius K., assignor to Perfex Corporation, Milwaukee, Wis. Control device. 2,189,653; Feb. 6.
Luther, Fritz. (See Hasselbach, A., Luther, and Hille.)
Luther, Martin, and B. v. Reibnitz, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of capillary-active sulphonation products. 2,201,944; May 21.
Luttbeg, Max B., St. Louis, Mo. Accordion. 2,208,038; July 16.
Lutz, Andrew, assignor to F. H. Noble & Co., Chicago, Ill. Box for holding cosmetic preparations and tools and the like. 2,219,597; Oct. 29.
Lutz, August G., assignor to the firm H. F. Baumann, Mech. Kratzenfabrik G. m. b. H., Calw, Wurttenberg, Germany. Hand carding tool. 2,220,215; May 28.
Lutz, Francis, Merced, Calif. Gauging and marking instrument for drawer pulls and door handles. 2,203,992; June 11.
Lutz, Frederick, Stuttgart, assignor to Union Special Maschinenfabrik, G. m. b. H., Stuttgart, Wurttemberg, Germany. Feeding mechanism for sewing machines. 2,212,029; Aug. 27.
Lutz, Frederick W., Garden City, and J. D. Peace, Jr., Flushing, assignors to Fairchild Aerial Camera Corporation, Jamaica, N. Y. Gyro-stabilized reference point for cameras. 2,210,090; Aug. 6.
Lutz, Marjorie M., assignor to Marjorie Montgomery, Inc., Los Angeles, Calif. Garment. 2,203,993; June 11.
Lutz, William A., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Stabilized grease lubricant. 2,197,433; Apr. 16.
Lux Clock Manufacturing Company, The. (See Lux, Frederick, assignor.)
Lux, Edward F., Elkhart, Ind., assignor to Pioneer Laboratory & Mfg. Corp. Mop. 2,222,368; Nov. 19.
Lux, Eugene J., New York, N. Y., assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Combination comb and sheath handle. 2,192,408; Mar. 5.
Lux, Frederick, Waterbury, Conn. Gear hobbing machine. 2,214,504; Sept. 10.
Lux, Frederick, assignor to The Lux Clock Manufacturing Company, Inc., Waterbury, Conn. Timer. 2,217,226; Oct. 8.
Lybarger, Samuel F., assignor to E. A. Myers & Sons, Mount Lebanon, Pa. Sound transmitter. 2,224,974; Dec. 17.
Lybrook, George F., South Portsmouth, Ky. Heel breast covering clamping device. 2,191,110; Feb. 20.
Lycan, William H. (See Knowles, F., and Lycan.)
Lycan, William H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the benzanthrone series. 2,203,416; June 4.
Lydecker, Kenneth. (See Vogt, Ludwig E., assignor.)
Lyder, Ernest E., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Refining petroleum distillates. 2,208,591; July 23.
Lydon, Patrick J. (See Lydon, Timothy and P. J.)
Lydon, Timothy, Tenafly, and P. J. Lydon, Jersey City, N. J. Apparatus for controlling temperatures and humidity. 2,201,342; May 21.
Lykken, Henry G., Minneapolis, Minn. Material handling device. 2,222,437; Nov. 19.
Lykos, John, Stockdale, and O. H. Beaumont, North Belle Vernon, Pa. Cigarette holder. 2,216,920; Oct. 8.
Lyle, Adolph, Wanette, Okla. Theftproof license tag. 2,195,931; Apr. 2.
Lyle, Frederick W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Hot cathode vacuum tube. 2,189,638; Feb. 6.
Lyle, Frederick W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cathode. 2,208,380; July 16.
Lyman, Arthur L. (See Holm, M. M., Lyman, and Miller.)
Lyman, Arthur L., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Treating hydrocarbons. 2,186,031; Jan. 9.
Lyman, Arthur L., and E. W. Gardiner, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Synthetic hydrocarbon oils and making the same. 2,216,372; Oct. 1.
Lyman, Donald F. (See Miller, F. C., Wittel, and Lyman.)
Lyman, Donald F., and H. C. Wellman, assignors to Eastman Kodak Company, Rochester, N. Y. Rewinding mechanism for motion picture projectors. 2,193,031; Mar. 12.
Lyman, Kenneth E., assignor to Borg-Warner Corpora-
Lymburner, Ferreol C. (See Nielsen, L. G., and F. C. and F. A. Lymburner.)
Lynch, Charles S., Fanwood, and J. E. Wood, III., Elizabeth, N. J., assignors to Standard Oil Development Company. Isomerization of paraffin hydrocarbons. 2,223,180; Nov. 26.
Lynch, George E., Los Angeles, Calif. Apparatus for filtering gas and the like. 2,202,258; May 28.
Lynch, John W., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Safety device for kick presses. 2,207,297; July 9.
Lynch, Patrick H., Sr., assignor to The John A. McKay Manufacturing Company, Dunn, N. C. Seed planter. 2,195,703; Apr. 2.
Lynch, Raymond C. (See Carpenter, C. E., and Lynch.)
Lynch, Vernon C., Western Springs, assignor of fifty per cent to R. Bean, Brookfield, Ill. Rotary steam engine. 2,220,375; Nov. 5.
Lyndon Products Corporation. (See Schnebly, F. C., and Hopcraft, assignors.)
Lyness, Horatio S., Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Reinforced insole. 2,195,490; Apr. 2.

Lyness, Horatio S., Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Moccasin. 2,212,610; Aug. 27.
Lyng, Carsten, Union, N. J., assignor to Celluloid Corporation. Film gauge control. 2,196,268; Apr. 9.
Lynger, Erik S., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,222,675; Nov. 26.
Lynn, Clarence, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current transfer system. 2,208,381; July 16.
tion, Chicago, Ill. Cooling device. 2,209,604; July 30.
Lynn, George E. (See Fletcher, F. W., Lynn, and Smith.)
Lynn, John E., East Boston, Mass., assignor to Hercules Powder Company, Wilmington, Del. Modified coal tar and the production thereof. 2,188,478; Jan. 30.
Lynn Products Company. (See Leach, Ernest C., assignor.)
Lyon, Carlos E., assignor to G. S. Lyon & Sons Lumber & Mfg. Co., Decatur, Ill. Window. 2,211,473; Aug. 13.
Lyon, Edward M., Bozeman, Mont. Live bait box. 2,203,203; June 4.
Lyon, G. S., & Sons Lumber & Mfg. Co. (See Lyon, Carlos E., assignor.)
Lyon, George A., Allenhurst, N. J. Ornamental bumper accessory. 2,185,468; Jan. 2.
Lyon, George A., Allenhurst, N. J. Ornamental accessory for wheels. 2,186,550; Jan. 9.
Lyon, George A., Allenhurst, N. J. Exhaust pipe extension. 2,186,551; Jan. 9.
Lyon, George A., Allenhurst, N. J. Apparatus for controlling flow of air to radiators. 2,187,946; Jan. 23.
Lyon, George A., Allenhurst, N. J. Wheel cover disk. 2,189,743; Feb. 6.
Lyon, George A., Allenhurst, N. J. Wheel cover disk. 2,189,744; Feb. 6.
Lyon, George A., Allenhurst, N. J. Wheel cover disk. 2,189,911; Feb. 6.
Lyon, George A., Allenhurst, N. J. Exhaust pipe extension. 2,192,922; Mar. 12.
Lyon, George A., Allenhurst, N. J. Wheel cover. 2,193,104; Mar. 12.
Lyon, George A., Allenhurst, N. J. Ornamental member mounting means. 2,193,105; Mar. 12.
Lyon, George A., Allenhurst, N. J. Ornamental member fastening means. 2,193,106; Mar. 12.
Lyon, George A., Allenhurst, N. J. Bumper guard. 2,196,019; Apr. 2.
Lyon, George A., Allenhurst, N. J. Making bumper guards. 2,196,020; Apr. 2.
Lyon, George A., Allenhurst, N. J. Vehicle radiator baffle construction. 2,197,502; Apr. 16.
Lyon, George A., Allenhurst, N. J. Wheel disk and wheel assembly. 2,199,888; May 7.
Lyon, George A., Allenhurst, N. J. Wheel hub cap structure. 2,199,889; May 7.
Lyon, George A., Allenhurst, N. J. Wheel cover. 2,199,890; May 7.
Lyon, George A., Allenhurst, N. J. Wheel structure and assembly. 2,200,205; May 7.
Lyon, George A., Allenhurst, N. J. Bumper guard. 2,207,155; July 9.
Lyon, George A., Allenhurst, N. J. Wheel disk. 2,212,038; Aug. 20.
Lyon, George A., Allenhurst, N. J. Mounting ornamental wheel accessories. 2,214,745; Sept. 17.
Lyon, George A., Allenhurst, N. J. Wheel and ornamental accessory therefor. 2,214,746; Sept. 17.
Lyon, George A., Allenhurst, N. J. Wheel cover. 2,214,747; Sept. 17.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,220,340; Nov. 5.
Lyon, George A., Detroit, Mich. Wheel disk structure. 2,190,669; Feb. 20.
Lyon, George A., Detroit, Mich. Ornamental wheel disk structure. 2,198,056; Apr. 23.
Lyon, George A., Detroit, Mich. Wheel construction. 2,198,057; Apr. 23.
Lyon, George A., Detroit, Mich. Ornamental wheel disk structure. 2,212,037; Aug. 20.
Lyon, George A., Detroit, Mich. Ornamental wheel disk construction. 2,212,039; Aug. 20.
Lyon, John K., Jr., Pasadena, Calif. Bubble-forming device. 2,225,702; Dec. 24.
Lyon, Leonard S. (See Key, James F., assignor.)
Lyon Metal Products, Incorporated. (See Bales, James E., assignor.)
Lyon Metal Products, Incorporated. (See Lindstrom, Elmer H., assignor.)
Lyon Metal Products, Incorporated. (See O'Connor, John B., assignor.)
Lyon Metal Products, Incorporated. (See Polen, Russel V., assignor.)
Lyon, Richard W., Bellflower, Calif. Swivel. 2,217,803; Oct. 15.
Lyon, Roy J., Balboa, Calif. Screw driving machine. 2,219,484; Oct. 29.
Lyons, Carleton R., Elmore, Minn. Combination electrical cord reel and outlet plug. 2,204,939; June 18.
Lyons, Charles R., assignor, by mesne assignments, to Stelwagon Manufacturing Company, Philadelphia, Pa. Bituminous composition. 2,223,289; Nov. 26.
Lyons, Edwin J. (See Johnson, R. L., Knapp, Copper, and Lyons.)
Lyons, Harry I., et al. (See Vachon, Joseph J., assignor.)
Lyons, Henry N., Maplewood, assignor to Power Patents Company, Hillside, N. J. Refining lubricating oil stocks. 2,220,016; Oct. 29.
Lyons, I. H. (See McClelland, David, assignor.)
Lyons, Orlin W. (See White, R. L., and Lyons.)
Lyons, Patrick B. (See Jakosky, J. J., and Lyons.)
Lyons, Robert L., assignor to American Button Sewing Machine Co., Waltham, Mass. Article holder. 2,196,833; Apr. 9.
Lyons, Robert L., assignor to American Button Sewing Machine Co., Waltham, Mass. Sewing machine. 2,198,312; Apr. 23.
Lyons, Walter, Flushing, N. Y., assignor to Hazeltine Corporation. Selectivity and fidelity control. 2,208,382; July 16.
Lyons, Willard E., and W. S. Guthmann, assignors to Hendricks Research Corporation, Chicago, Ill. Inhibiting gum formation in liquid hydrocarbons. 2,197,477; Apr. 16.
Lysholm, Alf. (See Lindhagen, M. T., and Lysholm.)
Lysholm, Alf, assignor to Aktiebolaget Ljungströms Angturbin, Stockholm, Sweden. Power transmission. 2,194,949; Mar. 26.
Lysholm, Alf, assignor to Aktiebolaget Milo, Stockholm, Sweden. Turbine. 2,200,287; May 14.
Lysholm, Alf, assignor to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Shaft packing for elastic fluid turbines. 2,218,203; Oct. 15.
Lysholm, Alf, assignor to Aktiebolaget Milo, Stockholm, Sweden. Gas turbine system. 2,225,311; Dec. 17.
Lysholm, Alf, Stockholm, and G. K. W. Boestad, Lidingo, Sweden, assignors to Aktiebolaget Ljungströms Angturbin. Turbine. 2,226,249; Dec. 24.
Lysons, Hilton H., and N. A. Whittaker, Seattle, Wash., assignors to Norman Specialty Company, Inc. Parking meter. 2,225,649; Dec. 24.
Lytle, Arthur R. (See Vaughn, T. H., and Lytle.)
Lytle, Arthur R. (See Vaughn, T. H., Lytle, and Gaines.)
Lytle, Arthur R., Niagara Falls, N. Y., assignor to Oxweld Acetylene Company. Filler material for welding. 2,186,115; Jan. 9.
Lytle, Arthur R., Niagara Falls, N. Y., assignor to Oxweld Acetylene Company. Welding alloy. 2,186,116; Jan. 9.
Lytle, Arthur R., Niagara Falls, N. Y., assignor to Oxweld Acetylene Company. Filler material for welding. 2,186,117; Jan. 9.
Lytle, Arthur R., and T. H. Vaughn, Niagara Falls, N. Y., assignors to Oxweld Acetylene Company. Coated welding rod. 2,199,440; May 7.
Lytle, Earl J., Van Nuys, Calif., assignor to Twentieth Century-Fox Film Corporation. Producing noiseless film splices. 2,207,298; July 9.
Lytle, Leroy H., Alliance, Ohio. Thread protector. Re. 21,394; Mar. 12.
Lytle, Leroy H., Alliance, Ohio. Thread protector. 2,212,423; Aug. 20.
Lytle, William O., New Kensington, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Composite cellular glass block. 2,205,534; June 25.
Lytle, William O., New Kensington, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Porous material manufacture. 2,215,223; Sept. 17.
M and M Wood Working Company. (See Bernhardt, Roy, assignor.)
M and M Wood Working Company. (See Cone, Charles N., assignor.)
M and M Wood Working Company. (See Malarkey, J. A., and Erickson, assignors.)
M and M Wood Working Company. (See Maurer, Sam, assignor.)
M-O Valve Company Limited. (See Warren, Geoffrey W., assignor.)
M. R. C. Limited. (See Pile, Sydney, assignor.)
M & R Dietetic Laboratories, Inc. (See Otting, Herbert E., assignor.)
Maack, Arthur F., St. Louis County, and P. E. Gieselman, Vinita Park, Mo. Brake bleeding device. 2,209,784; July 30.
Maag-Zahnrader und-Maschinen A. G. (See Forster, Werner, assignor.)
Maag-Zahnraeder & Machinen Aktiengesellschaft. (See Elwell, Jacques, assignor.)
Maass, Hans, Brooklyn, N. Y. Apparatus for smoking frankfurters. 2,219,135; Oct. 22.
Maatschappij voor Thermo-Chemie N. V. (See Gardner, Daniel, assignor.)
Mabie, Ralph R., Jr., Santa Monica, Calif. Shingle. 2,201,442; May 21.
Mabon, Carl R., assignor to Gilman Fanfold Corporation, Niagara Falls, N. Y. Feed band separator for strip feeding mechanism. 2,208,994; July 23.
Mabrito, Guido V., Chicago, Ill. Automatic brake adjustment. 2,195,178; Mar. 26.
Mabrito, Guido V., Chicago, Ill. Automatic brake adjustment. 2,205,889; June 25.
Maby, Adelbert C., et al., executors. (See Peirce, J. R., and Torkelson.)
Mabry, Forrest S., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Radio beacon system. 2,215,330; Sept. 17.
Mabry, Irene W., De Land, Fla. Envelope and bag fastener. 2,194,400; Mar. 19.

MacAdam, David L., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Color correction process. 2,203,656; June 4.

MacAdam, David L., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Color correction process and product. 2,221,025; Nov. 12.

MacAfee, Merrill W., Berkeley, Calif., assignor, by mesne assignments, to The Dow Chemical Company, Midland, Mich. Dithiophosphate flotation. 2,198,915; Apr. 30.

Macallum, Alexander D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of propiolic acid and its salts. 2,194,362; Mar. 19.

Macallum, Alexander D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of propiolic acid and its homologues. 2,194,363; Mar. 19.

Macallum, Alexander D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of acrolein. 2,197,258; Apr. 16.

Macallum, Alexander D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of succinonitrile. 2,211,240; Aug. 13.

Macard Screws Limited. (See McIntyre, John T., assignor.)

Macarello Corporation, The. (See Zuccarello, William E., assignor.)

MacArthur, Charles J., Glen Ridge, N. J. Web-fed printing press. 2,201,008; May 14.

MacBlane, James, Elmira Heights, assignor of one-half to H. E. Van Ness, Elmira, N. Y. Two-speed transmission for bicycles. 2,193,289; Mar. 12.

MacBlane, James, Elmira Heights, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Safety device for punch presses. 2,199,501; May 7.

MacBride, James, San Francisco, Calif. Preparing photocollographic printing plates. 2,226,314; Dec. 24.

Maccabee, Joseph O., New York, N. Y. Vehicle wheel. 2,206,230; July 2.

Maccaferri, Mario, New York, N. Y. Reed. 2,224,308; Dec. 10.

Maccarone, Fred, Brooklyn, N. Y. Shoe making. 2,226,380; Dec. 24.

Macchioni, Pietro A., assignor to Soc. An. S. I. M. B. I., Turin, Italy. Electric hammer. 2,223,895; Dec. 3.

MacClatchie, John W., Compton, Calif. Perforating well casings. 2,210,983; Aug. 13.

MacClatchie, John W., Los Angeles, Calif. Perforating well casings. 2,210,984; Aug. 13.

MacClatchie, John W., Los Angeles, assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Drill bit. 2,200,337; May 14.

MacClatchie, John W., Los Angeles, assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Gate valve. 2,204,142; June 11.

MacClatchie Manufacturing Company of California. (See MacClatchie, John W., assignor.)

MacCormack, John G., assignor to Transportation Appliances, Inc., New York, N. Y. Oil cleaner and temperature regulator. 2,218,715; Oct. 22.

MacCracken, Alan L., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Balancing rotating objects. 2,193,734; Mar. 12.

MacCreedy, William E., Houston, Tex. Liquid level gauge. 2,204,253; June 11.

MacCutcheon, Alexander M. (See Corey, J. W., and MacCutcheon.)

Macdonald, Alexander D., Malden, assignor to B. B. Chemical Co., Boston, Mass. Adhesive composition and preparing same. 2,212,611; Aug. 27.

MacDonald, Archibald V., and R. A. Minkler, Los Angeles, and H. Iske, Alhambra, Calif. Stapling machine. 2,202,259; May 28.

MacDonald, Charles, and J. W. McNairy, Erie, Pa., assignors to General Electric Company. Motor control system. 2,198,481; Apr. 23.

MacDonald, Clifford K., Brockton, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Apparatus for attaching soles to shoes. 2,207,020; July 9.

Macdonald, Donald A., and C. M. O'Donohoe, Indianapolis, Ind., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Making tires. 2,208,767; July 23.

Macdonald, Eugene M., Shaker Heights, Ohio. Fare box telltale device. 2,190,212; Feb. 13.

Macdonald, Frank A., assignor to Kortick Manufacturing Company, San Francisco, Calif. Die for resizing rail anticreepers. 2,197,223; Apr. 16.

MacDonald, George S. (See Popp, W. H., and MacDonald.)

MacDonald, Howard D., La Grange, Ill., assignor to International Harvester Company. Wheel structure. 2,194,206; Mar. 19.

MacDonald, Howard D., La Grange, Ill., assignor to International Harvester Company. Wheel. 2,209,030; July 23.

MacDonald, Howard D., La Grange, Ill., and W. S. Brink, Akron, Ohio; said MacDonald, assignor to International Harvester Company. Wheel. 2,211,902; Aug. 20.

MacDonald, Howard G., Murrysville, and A. W. Hill, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reclosing circuit breaker system. 2,214,590; Sept. 10.

Macdonald, Ian, Modesto, Calif. Ball retriever. 2,203,170; June 4.

MacDonald, John G. (See Brownlee, S. D., and MacDonald.)

McDonald, John S., Rochester, N. Y. Display unit. 2,197,806; Apr. 23.

Macdonald, Laurie S. (See Sabel, I., and Macdonald.)

Macdonald, Lester S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Apparatus for supplying reinforcements for attachment. 2,214,561; Sept. 10.

Macdonald, Murdock, Cleveland Heights, Ohio. Autographic register. 2,205,016; June 18.

MacDonald, Murray J., C., F. C., and C. S. Schwendler, assignors to National Casket Company Incorporated, Long Island City, N. Y. Hardenable plastic article. 2,218,047; Oct. 15.

MacDonald, Raymore D. (See Raney, C. R., MacDonald, and Schmied.)

MacDonald, Robert A., Greenwich, Conn., assignor to Russell, Burdsall & Ward Bolt & Nut Company, Port Chester, N. Y. Lock nut. 2,190,174; Feb. 13.

MacDonald, Robert R., Cushing, Okla. Oil treating plant. 2,203,267; June 4.

Macdonald, Waldron S., assignor to The Foxboro Company, Foxboro, Mass. Recording and control apparatus. 2,203,689; June 11.

Macdonald, Waldron S., and W. W. Frymoyer, assignors to The Foxboro Company, Foxboro, Mass. Measuring and recording instrument. 2,205,299; June 18.

MacDonald, William N., assignor to G. T. Trumbull, Detroit, Mich. Self-sealing wrapper. 2,185,469; Jan. 2.

MacDonald, William N., and W. Noble, Detroit, Mich. Self-sealing bread wrapper. 2,185,470; Jan. 2.

MacDonald, William W., Mountain View, assignor to M. L. Rosenfeld, San Francisco, Calif. Truck. 2,196,533; Apr. 9.

MacDonell, Alberta A., San Francisco, Calif. Animal feeding method. 2,189,213; Feb. 6.

MacDougall, Archibald J., assignor to MacDougall Chemical Company, Toronto, Ontario, Canada. Electrolytic apparatus. 2,204,506; June 11.

MacDougall Chemical Company. (See MacDougall, Archibald J., assignor.)

MacDougall, John J., Boston, Mass. Speed indicating device. 2,213,675; Sept. 3.

Mace, Arthur T., East Cleveland, assignor to The Radiart Corporation, Cleveland, Ohio. Support for radio antennae. 2,200,888; May 14.

Macellaro, Anthony, and A. Tornese, Brooklyn, N. Y. Glass beveling machine. 2,187,748; Jan. 23.

MacFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric lighting fixture. 2,222,980; Nov. 26.

MacFadden, Wilford C., Philadelphia, Pa., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Electrical coil installation and fastener for the same. 2,211,728; Aug. 13

MacFadden, Wilford C., Philadelphia, Pa., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener attached structure and fastener for the same. 2,225,592; Dec. 17.

MacFarlane, James C. and W. A., Cathcart, Glasgow, Scotland. Electric rotary converting system. 2,199,441; May 7.

MacFarland, Laurens W., Old Greenwich, Conn., and S. Krugloff, New York, N. Y., said Krugloff assignor to said MacFarland. Buffing or polishing wheel. 2,226,624; Dec. 31.

MacFarland, Laurens W., Old Greenwich, Conn., and S. Krugloff, New York, N. Y., said Krugloff assignor to said MacFarland. Buffing or polishing wheel. 2,226,625; Dec. 31.

Macfarlane, Robert F., Osterley, and W. E. Prescott, Peterborough, England. Icing of or the application of cream or the like to biscuits. 2,189,214; Feb. 6.

MacFarlane, William A. (See MacFarlane, James C. and W. A.)

Macfarren, Walter W., Los Angeles, Calif. Rotary shearing apparatus. 2,195,653; Apr. 2.

Macfarren, Walter W., Los Angeles, Calif. Apparatus for protecting oil distribution means at harbors. 2,224,844; Dec. 17.

MacFee, William J., Schenectady, N. Y. Tree protector. 2,217,557; Oct. 8.

MacGeorge, Thomas H., assignor to Seattle Tent & Awning Co., Seattle, Wash. Pyramid-type hatch tent. 2,186,535; Jan. 9.

MacGeorge, Thomas H., assignor to Seattle Tent & Awning Co., Seattle, Wash. Hatch cover. 2,201,781; May 21.

Macgeorge, William D. (See Krieg, A., and Macgeorge.)

Macgill, Charles D., assignor to Barr and Stroud, Limited, Anniesland, Glasgow, Scotland. Optical sighting apparatus. 2,190,569; Feb. 13.

MacGlashan, William F. (See Evenstad, Sydney T., assignor.)

MacGoun, Maxwell D., Wellington, New Zealand. Gnathostat. 2,225,274; Dec. 17.

MacGregor, Bertha L., trustee. (See Roessner, William L., assignor.)

MacGregor, Clide, Flint, assignor of twenty-five per cent to R. C. Judy, Flushing, Mich. Stripper attachment for rakes. 2,222,566; Nov. 19.

MacGregor Instrument Company. (See Smith, Jesse C., assignor.)
MacGregor & King Limited. (See King, Charles W., assignor.)
MacGregor, Laurence B., et al. (See MacGregor, Robert R., assignor.)
MacGregor, Robert R., assignor, by mesne assignments, of one-third to O. C. Slavens, one-third to L. B. MacGregor, and one-third to R. R. MacGregor, Long Beach, Calif. Well device. 2,215,514; Sept. 24.
MacGregor, Roderick M., London, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Light signal for railways and the like. 2,197,700; Apr. 16.
Mach, George F. (See Edson, E. R., and Mach.)
Machinery Development Company. (See Johnson, William C., assignor.)
Machinist, Harold, Sunnyside, N. Y., assignor to Dudley Lock Corporation, Chicago, Ill. Mortise cylinder lock. 2,194,244; Mar. 19.
Machinist, Harold, assignor to Dudley Lock Corporation, Chicago, Ill. Watchman's signal and alarm system. 2,220,936; Nov. 12.
Machinist, Harold, assignor to Dudley Lock Corporation, Chicago, Ill. Tour key for watchmen's signal systems. 2,220,937; Nov. 12.
Machinist, Harold, assignor to Dudley Lock Corporation, Chicago, Ill. Combination cabinet lock. 2,224,875; Dec. 17.
Machinist, Harold assignor to Dudley Lock Corporation, Chicago, Ill. Cylinder lock. 2,225,703; Dec. 24.
Machlet, Adolph W., Elizabeth, N. J. Casing ferrous articles. 2,188,226; Jan. 23.
Machlet, Adolph W., Elizabeth, N. J. Furnace. 2,224,404; Dec. 10.
Machlet, George A. F., Elizabeth, N. J. Electric regulator for furnaces and other apparatus. Re. 21,345; Feb. 6.
Machlett Laboratories Incorporated. (See Machlett, Raymond R., assignor.)
Machlett, Raymond R., Riverside, assignor to Machlett Laboratories Incorporated, Springdale, Conn. X-ray tube. 2,215,426; Sept. 17.
Machlett, Raymond R., Riverside, assignor to Machlett Laboratories Incorporated, Springdale, Conn. X-ray apparatus. 2,216,887; Oct. 8.
Machlett, Raymond R., Riverside, assignor to Machlett Laboratories Incorporated, Springdale, Conn. X-ray tube. 2,216,888; Oct. 8.
Maciejko, Alexander J., Turin, N. Y. Attachment for corn harvesters. 2,185,412; Jan. 2.
Maciel, Frank F., Antioch, Calif. Shock absorber for motor vehicles. 2,202,460; May 28.
MacIntire, Walter H., Knoxville, Tenn., assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Calcining comminuted limestone. 2,212,446; Aug. 20.
MacIsaac, Donald, Downey, Calif. Hoist for building material. 2,212,711; Aug. 27.
MacIvor, Kenneth U., Bryn Mawr, Pa. Rake. 2,211,379; Aug. 13.
Mack, Carl L., Wapakoneta, Ohio. Tractor guide. 2,226,063; Dec. 24.
Mack, Charles D., Cleveland, Ohio. Work dog. 2,191,111; Feb. 20.
Mack, George E., Truro, Nova Scotia, Canada. Watch crown seal. 2,188,688; Jan. 30.
Mack, Harley C., Joplin, Mo. Foot valve control for automobile brakes. 2,197,664; Apr. 16.
Mack, Henry R., Philadelphia, Pa. Structural toy. 2,218,175; Oct. 15.
Mack, James M., Port Angeles, Wash. Apparatus for finding location. 2,202,634; May 28.
Mack, Karl, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Inclined wharf for coke oven batteries. 2,204,022; June 11.
Mack Manufacturing Corporation. (See Kurti, Aladar, assignor.)
Mack Manufacturing Corporation. (See Matthews, Philip E., assignor.)
Mack, Oscar B., Chicago, Ill. Graining machine. 2,192,233; Mar. 5.
Mack, Perry E., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Hand tractor. 2,203,735; June 11.
Mack, Perry E., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Transmission. 2,224,309; Dec. 10.
Mack, Wayne E., Martins Ferry, Ohio, assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Tray. 2,189,611; Feb. 6.
Mackal, Henry H., Hawthorne, N. J., assignor to Star Expansion Bolt Company, New York, N. Y. Extractor. 2,220,376; Nov. 5.
MacKay, Frederick B., Ashland, Mass. Fuel metering distributor. 2,206,361; July 2.
MacKay, John R. (See Wallace, C. F., and MacKay.)
MacKay, John R., West Caldwell, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Communicating system. 2,206,231; July 2.
MacKay, Kenneth H., Ocala, Fla. Closure arrangement. 2,198,121; Apr. 23.
MacKay, Kenneth H., Ocala, Fla. Marine propulsion assembly. 2,216,496; Oct. 1.
Mackay Radio and Telegraph Company. (See Alford, Andrew, assignor.)
MacKay, William M. (See Bolen, Jesse T., assignor.)
MacKay, William R., New York, N. Y. Automobile control device. 2,224,441; Dec. 10.
Macken, John J. (See Hiatt, E., and Macken.)
Mackensen, A. W., et al. (See Bungartz, Paul, assignor.)
Mackenzie, Edward B. D., Portland, England, assignor to Henry Hughes & Son Limited, London, England. Recording device. 2,198,171; Apr. 23.
Mackenzie, Franklin H., Bywood, assignor to American Chemical Paint Company, Ambler, Pa. Determining the grease content of fibers. 2,192,614; Mar. 5.
Mackenzie, John F., Liverpool, England, assignor to Associated Telephone & Telegraph Company, Chicago, Ill. Electrical switching system. 2,217,064; Oct. 8.
MacKenzie, Joseph B., Eaglehurst, Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Stoker and drive mechanism therefor. 2,206,745; July 2.
Mackenzie, Kenneth J., assignor to Eastman Kodak Company, Rochester, N. Y. Suction slice for paper making machines. 2,193,032; Mar. 12.
Mac Kenzie Muffler Company. (See Haas, Lucien L., assignor.)
MacKenzie, Roy J., L. L. Haas, and G. C. Starkweather, Youngstown, Ohio, assignors to Buffalo Pressed Steel Company, Buffalo, N. Y. Muffler. Re. 21,324; Jan. 16.
MacKenzie, Roy J., and L. L. Haas, assignors to Buffalo Pressed Steel Company, Buffalo, N. Y. Muffler. 2,188,202; Jan. 23.
MacKenzie, Thomas W., Union County, N. J. Automatic telephone dialer. 2,195,519; Apr. 2.
MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe-bottom-coating machine. 2,195,416; Apr. 2.
MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Turn shoe cementing machine. 2,197,109; Apr. 16.
Mackenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Split welt cementing machine. 2,216,122; Oct. 1.
MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Manhattan, N. J. Machine for treating insoles. 2,222,778; Nov. 26.
MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Nozzle for machines for coating shoe bottoms. 2,225,065; Dec. 17.
MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Nozzle for shoe-channel cementing machines. 2,225,066; Dec. 17.
Mackey, Henry W., assignor to Motor Products Corporation, Detroit, Mich. Window regulator. 2,207,891; July 16.
Mackey, Henry W., assignor to Motor Products Corporation, Detroit, Mich. Ventilating window for vehicle bodies. 2,211,665; Aug. 13.
Mackey, Stuart J., assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,217,227; Oct. 8.
Mackey, Timothy W., assignor to The Western Shade Cloth Co., Chicago, Ill. Roller for fabrics. 2,208,545; July 16.
Mackie-Lovejoy Manufacturing Co. (See Deknatel, Frederick H., assignor.)
Mackie-Lovejoy Manufacturing Co. (See Warren, Clarke E., assignor.)
Mackin, Thomas A., Wilkes-Barre, Pa. Apparatus for cleaning vehicles. 2,221,876; Nov. 19.
Mackinga, William G., Los Angeles, Calif. Portable shelf. 2,216,621; Oct. 1.
MacKinnon, Charles, North Plymouth, assignor to Plymouth Cordage Company, Plymouth, Mass. Device for stabilizing binder twine supply to harvesting mechanism. 2,186,981; Jan. 16.
Mackintosh, Charles, Los Angeles, Calif. Truss construction. 2,210,460; Aug. 6.
Mackintosh-Hemphill Company. (See Daniels, Fred C. T., assignor.)
MacKnight, John D. (See Handling, A. I., and MacKnight.)
Mackowski, Leon L., Bradford, Pa., assignor to Oil Well Supply Company, Dallas, Tex. Anchor for insert pumps. 2,224,826; Dec. 10.
Macksoud, Michel E., St. Albans, assignor to Macksoud Patents, Inc., New York, N. Y. Combination incandescent and ultraviolet lamp. 2,189,508; Feb. 6.
Macksoud, Michel E., assignor, by mesne assignments, to Birdseye Electric Corporation, Gloucester, Mass. Applying mirror surfaces to the interior of lamp bulbs. 2,217,228; Oct. 8.
Macksoud Patents, Inc. (See Macksoud, Michel E., assignor.)
MacKusick, Meredith H., Fairlawn, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Arc welding. 2,220,576; Nov. 5.
Maclachlan, Andrew D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Hose and coupling structure. 2,219,047; Oct. 22.
MacLagan, Allan R. (See Schuyler, A. L., and MacLagan.)
Maclagan, John C. M., assignor to Greenwood & Batley Limited, Leeds, England. Cold forging machine. 2,204,043; June 11.

MacLaren, Frederick H. (See Brunstrum, L. C., Flint, MacLaren, and Adams.)
Maclaren, Owen F., near West Drayton, England. Aircraft undercarriage. 2,222,850; Nov. 26.
MacLean, Allen D., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Fluid pressure regulator. 2,195,337; Mar. 26.
MacLean, Eliot B. (See Shaw, W., and MacLean.)
MacLean, Ernest C., Seattle, Wash. Rotary food pulverizer and juice extractor. 2,227,098; Dec. 31.
MacLean, J. Showles, Toledo, Ohio. Electric connector. 2,197,000; Apr. 16.
MacLeod, Charles L., San Francisco, Calif. Token book. 2,227,191; Dec. 31.
Macleod, Donald K. (See Montgomery, J. R., Schulz, and Macleod.)
MacLeod, Lester R., Ardsley, assignor to Anaconda Wire & Cable Company, New York, N. Y. Taping mechanism. 2,201,238; May 21.
MacLevy, Monte, Brooklyn, N. Y. Massaging apparatus. 2,217,343; Oct. 8.
MacMahon, James D., Niagara Falls, L. D. Taylor, Lewiston, and V. M. Kalusdian, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Chemical manufacture. 2,185,210; Jan. 2.
MacMannus, George E., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Electric circuit controlling device. 2,216,823; Oct. 8.
MacManus, John, assignor to Cushman's Sons Inc., New York, N. Y. Procedure for the manufacture of baked goods. 2,187,354; Jan. 16.
MacManus, John, assignor to Cushman's Sons Inc., New York, N. Y. Apparatus for the manufacture of baked goods. 2,187,355; Jan. 16.
MacManus, John, Yonkers, assignor to Cushman's Sons Inc., New York, N. Y.. Finishing cake 2,220,971; Nov. 12.
MacMaster, Malcolm D., Yardley, Pa., assignor to C. V. Hill & Company, Inc. Refrigerated case. 2,201,268; May 21.
MacMaster, Malcolm D., Yardley, Pa., assignor to C. V. Hill & Company, Inc. Drip pan and related construction. 2,210,725; Aug. 6.
MacMichael, Hugh R., Piedmont, Calif. Method and apparatus for roasting and smelting in a hearth furnace. 2,211,932; Aug. 20.
MacMichael, Hugh R., Piedmont, Calif. Charging device. 2,211,956; Aug. 20.
MacMichael, Hugh R., Piedmont, Calif. Furnace charging. 2,211,957; Aug. 20.
MacMicking, William P., St. Petersburg, Fla. Directional signal. 2,193,179; Mar. 12.
MacMillan, Charles W., Detroit, assignor to Hinckley-Myers Company, Jackson, Mich. Headlight testing device. 2,215,224; Sept. 17.
MacMillan, Frank R., assignor to Golden Gate Mfg. Co. Limited, Montreal, Quebec, Canada. Liquid dispensing faucet. 2,199,344; Apr. 30.
MacMillan, Herbert R. (See Doran, Albert B., assignor.)
MacMillan, John L., Los Angeles, Calif. Trap cleaner and force pump. 2,187,043; Jan. 16.
MacMillen, John W., Los Angeles, Calif. Switch box. 2,214,968; Sept. 17.
MacMillin, Howard F., Mount Gilead, Ohio, assignor to The Hydraulic Press Corporation, Inc., Wilmington, N. C. Electric control for presses. 2,187,212; Jan. 16.
MacMillin, Howard F., Mount Gilead, Ohio, assignor to The Hydraulic Press Corporation, Inc., Wilmington, Del. Auxiliary hydraulic device for presses. 2,201,443; May 21.
MacMillin, Howard F., Mount Gilead, Ohio, assignor to The Hydraulic Development Corp. Inc., Wilmington, Del. Drawing press. 2,222,851; Nov. 26.
MacMullen, Clinton. (See Bruson, H. A., and MacMullen.)
MacMullin, Robert B., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Sodium carbonate-sulphur composition. 2,223,631; Dec. 3.
Macnabb, Vernon C., Indianapolis, Ind., assignor to Fairbanks, Morse & Co., Chicago, Ill. Radio apparatus. 2,192,978; Mar. 12.
MacNeil, Charles I., East Orange, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,207,927; July 16.
MacNeil, Charles I., and R. T. Zwack, assignors to Eclipse Aviation Corporation, East Orange, N. J. Propeller control mechanism. 2,218,760; Oct. 22.
MacNeill, John B., Boston, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,192,772; Mar. 5.
MacNeill, John J., New York, N. Y. Water heater. 2,190.454; Feb. 13.
Macomber, Clarence H., administrator. (See Moyle, C. L., and Van Duzee.)
Macomber, William De F. (See Beekhuis, H. A., Jr., and Macomber.)
MacPherson, Benjamin F., San Francisco, Calif. Alarm device. 2,190.533; Feb. 13.
MacPherson, Earle S., assignor to General Motors Corporation, Detroit, Mich. Pitman arm. 2,198,780; Apr. 30.
MacPherson, Earle S., Grosse Pointe, assignor to General Motors Corporation, Detroit, Mich. Automobile body. 2,213,010; Aug. 27.
Macquisten, Arthur P. S. (See Talbot-Crosbie, J. B., and Macquisten.)
Macsicska, Julius, New York, N. Y. Brake equalizer for automobiles. 2,203,536; June 4.
MacSporran, Charles. (See Benz, G. R., and MacSporran.)
Macwhyte Company. (See Naysmith, A. M., Drew, and Budzinski, assignors.)
Macy, Clarence A. (See Patterson, E. V., and Macy.)
Macy, Susan R., executrix. (See Macy, Clarence A.)
Maczkowiak, Elise, Leipzig, Germany. Hair curling device. 2,193,766; Mar. 12.
Madden, Charles L. (See Hersey, A. J., and Madden.)
Madden, Harry D., South Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Machine and method for sealing vitreous vessels. 2,197,527; Apr. 16.
Madden, James J., assignor to All-Steel-Equip Co., Aurora, Ill. Clamping means. 2,219,014; Oct. 22.
Madden, John B., San Francisco, Calif. Connector. 2,187,166; Jan. 16.
Madden, Paul E., Chicago, Ill. Control valve for boiler blowoff. 2,196,219; Apr. 9.
Madden, William J., Lansdowne, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Air conditioning apparatus and method. 2,216,690; Oct. 1.
Maddock, Robert H., Lakewood, assignor to The Midland Steel Products Company, Cleveland, Ohio. Making axle housings. 2,199,502; May 7.
Maddock, Thomas, Phoenix, Ariz. Structure. 2,192,269; Mar. 5.
Maddox, Lofton V., Fayetteville, Tenn. Clutch. 2,195,779; Apr. 2.
Maddox, William A. (See Rollman, M., Maddox, and Binns.)
Mader, John J., Parma, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Melting furnace. Re. 21,332; Jan. 23.
Mader, Otto, Dessau-Ziebigk, assignor to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau, Germany. Aircraft propulsion. 2,205,625; June 25.
Mader, Otto, Dessau-Ziebigk, assignor to Junkers Flugzeug-und-Motorwerke Aktiengesellschaft, Dessau, Germany. Braking aircraft. 2,216,416; Oct. 1.
Madge, Evelyn W., Wylde Green, and A. A. Round and T. Norcross, Erdington, Birmingham, assignors to Dunlop Rubber Company Limited, London, England. Vulcanizing sponge rubber. 2,200,847; May 14.
Madieu, Gérard, Monaco, Monaco. Game apparatus. 2,223,805; Dec. 3.
Madigan, John M., Haverhill, Mass. Drilling hinge pin holes in shoe lasts. 2,214,837; Sept. 17.
Madison, Harry R., Seattle, Wash. Apparatus for impregnating logs. 2,186,118; Jan. 9.
Madison, Martin J., Philadelphia, Pa. Combined alarm clock and switch. 2,200,092; May 7.
Madison, Martin J., Philadelphia, Pa. Selective timer switch. 2,224,792; Dec. 10.
Madison, Ralph E., and A. T. Saunders, Detroit, Mich., assignors to Truscon Laboratories, Inc. Color treatment of concrete. 2,220,341; Nov. 5.
Madison Silo Company. (See Gurney, William W., assignor.)
Madison, Walter W., Berkeley, Calif. Brake wear indicating apparatus. 2,217,176; Oct. 8.
Madland, Thorvald, Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,187,907; Jan. 23.
Madore, Arthur H., Los Angeles, Calif. Hair curling implement. 2,225,123; Dec. 17.
Madow, Abraham, Brookline, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Apparatus for operating upon heels. 2,194,093; Mar. 19.
Madsen, Berthel F., assignor to Teletype Corporation, Chicago, Ill. Power transmitting mechanism. 2,224,192; Dec. 10.
Madsen, Carl A., assignor of one-tenth to G. R. Baird, eight-tenths to J. Madsen, San Diego, and one-tenth to R. T. Galatas, Long Beach, Calif. Mixing device. 2,205,147; June 18.
Madsen Iron Works. (See Madsen, Martin, assignor.)
Madsen, Jens, et al. (See Madsen, Carl A., assignor.)
Madsen, Martin, assignor to Madsen Iron Works, Huntington Park, Calif. Road making machine. 2,211,933; Aug. 20.
Madsen, Norman S., Michigan City, Ind., assignor to Sullivan Machinery Company. Feed controlling apparatus. 2,202,216; May 28.
Madsen, Paul S., Bethany, assignor, by mesne assignments, to The Seamless Rubber Company, New Haven, Conn. Inflatable ball. 2,218,919; Oct. 22.
Madsen, Sern, assignor, by mesne assignments, to Curtis Companies Incorporated, Clinton, Iowa. Assembling device. 2,188,053; Jan. 23.
Madsen, Sern, assignor to Curtis Companies Incorporated, Clinton, Iowa. Double hung window. 2,188,054; Jan. 23.
Madsen, Sern, and H. C. Mueller, assignors to Curtis Companies Incorporated, Clinton, Iowa. Ventilating puttyless sash. 2,218,887; Oct. 22.

Madson, Willard H., and W. H. Daiger, Linthicum Heights, Md., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treating titanium pigments. 2,216,536. Oct. 1.
Maechtlen, Lawrence G. (See Pengilly, J. H., Moyen, Duvall, and Maechtlen.)
Maechtlen, Lawrence G., San Marino, and H. A. Duvall, assignors to Square D Company, Los Angeles, Calif. Panel cabinet. 2,208,007; July 16.
Maendel, John J., Rosedale Colony, Elie, Manitoba, Canada. Comb protector. 2,203,438; June 4.
Maersch, Helen M., Sheboygan, Wis. Food container. 2,207,325; July 9.
Maerz, Frederick K., New York, N. Y., assignor to H. J. Gruber and M. D. Gruber, doing business as Gruber Bros., New York, N. Y. Fluorescent lamp socket crown. 2,201,543; May 21.
Maescher, Albert, assignor to Crown Manufacturing Co., St. Louis, Mo. Pressing apparatus. 2,215,010; Sept. 17.
Maeser, Mieth, Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Press. 2,223,454; Dec. 3.
Maga, Joe, Los Angeles, Calif. Lawn tool. 2,220,342; Nov. 5.
Magath, Isaac, Bronx, N. Y. Composition for making a polychromatic printing roller or plate, making the same, and a polychromatic printing member. 2,217,065; Oct. 8.
Magazine Repeating Razor Company. (See Hilliard, J. H., and Kuhnl, assignors.)
Magazine Repeating Razor Company. (See Kuhnl, Leopold, assignor.)
Magazine Repeating Razor Company. (See Morris, W. T., and Kuhnl, assignors.)
Magazine Repeating Razor Company. (See Rodrigues, Octavius V., assignor.)
Magee, Alonzo H., Westfield, N. J. Air valve. 2,188,441; Jan. 30.
Magee, Chauncey L. C., Fontana, Wis., assignor to Magee-Marsh Corporation. Gripping device. 2,197,807; Apr. 23.
Magee, Gerald M., Glen Ellyn, Ill. Rail joint bar with differential hardened surfaces. 2,198,675; Apr. 30.
Magee, Gerald M., Glen Ellyn, Ill. Spring clip rail fastener. 2,203,994; June 11.
Magee-Marsh Corporation. (See Magee, Chauncey L. C., assignor.)
Magee-Marsh Corporation. (See Marsh, John W., assignor.)
Magener, Wilhelm, and O. R. Barth, Berlin, Germany; said Barth assignor to W. von Mikovényi. Method and device for coloring magnetizable articles of mass production. 2,195,731; Apr. 2.
Mageoch, Nelson H., Manoa, assignor to Philadelphia Gear Works, Philadelphia, Pa. Motor reducer unit. 2,222,716; Nov. 26.
Maggart, Charles, N. (See Maggart, Wilmer M., assignor.)
Maggart, Wilmer M., Arcadia, Ind., assignor of one-half to C. N. Maggart. Hog feeder. 2,226,476; Dec. 24.
Maggioni, Elizabeth L., Boston, Mass. Educational appliance. 2,213,225; Sept. 3.
Magid, Philip, Brooklyn, N. Y. Swivel device. 2,190,268; Feb. 13.
Magill, Donald G., Great Neck, assignor to American Can Company, New York, N. Y. Producing moistureproof fiber containers. 2,192,923; Mar. 12.
Magill, Donald G., Great Neck, assignor to American Can Company, New York, N. Y. Producing moistureproof fiber containers. 2,218,116; Oct. 15.
Magill, Herbert L., and M. L. Duskin, Chicago, Ill.; said Duskin assignor to said Magill. Eyecup. 2,223,632; Dec. 3.
Magill, Paul La F., Ransomville, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphurized dihydropolycyclic aromatic hydrocarbons and making same. 2,202,501; May 28.
Magill, Paul La F., Ransomville, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphurized dihydronaphthalene dimer and making same. 2,202,502; May 28.
Magis, Auguste A. G., Paris, France, assignor to The Superheater Company, New York, N. Y. Multicylinder steam engine. 2,209,655; July 30.
Magliano, Louis M., Cincinnati, Ohio. Garment pocket. 2,215,834; Sept. 24.
Maglott, George F., Wrentham, Mass., assignor to Brown and Sharpe Manufacturing Company. Fluid pressure regulating device. 2,225,916; Dec. 24.
Magnaflux Corporation. (See Ellis, Greer, assignor.)
Magnaflux Corporation. (See de Forest, Alfred V., assignor.)
Magnaflux Corporation. (See Oglevee, Isaac N., assignor.)
Magnan, Arthur. (See Gamradt, O., and Magnan.)
Magnani, Alessandro, Broni, Pavia, Italy, assignor of one-half to F. L. Smidth & Co. R/S, Copenhagen, Denmark. Rotary beater for the preparation of asbestos fibers and the like. 2,199,137; Apr. 30.
Magnani, Alessandro, Broni, Italy, assignor to F. L. Smidth & Co. A/S, Copenhagen, Denmark. Corrugating sheets. 2,210,985; Aug. 13.
Magnavox Company, The. (See Koonz, John C., assignor.)
Magnavox Company Incorporated, The. (See Dreisbach, R. H., and Martin, assignors.)
Magnenat, René P., assignor to The Waterbury Button Company, Waterbury, Conn. Tablet making machine. 2,214,505; Sept. 10.
Magnenat, René P., assignor to The Waterbury Button Company, Waterbury, Conn. Tablet making machine. 2,219,048; Oct. 22.
Magnesium Development Corporation. (See Altwicker, H., and Rosenkranz, assignors.)
Magnesium Development Corporation. (See Beck, A., Schunck, and Ostermann, assignors.)
Magnesium Development Corporation. (See Sauerwald, Franz, assignor.)
Magnesium Development Corporation. (See Sauerwald, F., and Eisenreich, assignors.)
Magnesium Development Corporation. (See Schmid, W., Wienert, and von Stocmeier, assignors.)
Magnesium Development Corporation. (See Suchy, R., and Seliger, assignors.)
Magnesium Development Corporation. (See Wood, Robert T., assignor.)
Magnetic Analysis Corporation. (See Zuschlag, Theodor, assignor.)
Magnetic Pigment Company. (See Remsen, Irving B., assignor.)
Magnetone Inc. (See Begun, Semi J., assignor.)
Magni, Karl G., Hellebo, Ronninge, Sweden, assignor to De Laval Separator Company, New York, N. Y. Milking-machine pulsator. 2,186,253; Jan. 9.
Magnolfi, Corrado, Milan, Italy, assignor, by mesne assignments, to Celanese Corporation of America. Manufacture of hairy yarn. 2,216,123; Oct. 1.
Magnus Chemical Company. (See Mitchell, Robert W., assignor.)
Magnuson, Roy M., assignor to Food Machinery Corporation, San Jose, Calif. Spray rig or the like. 2,193,338; Mar. 12.
Magnusson, Knut J. (See Bedford, A. V., and Magnusson.)
Magran, George, New York, N. Y. Air stopper and holder for toy balloons. 2,197,617; Apr. 16.
Magro, Ralph, Jersey City, N. J., assignor, by mesne assignments, to F. Le Pan, Hartsdale, N. Y. Clock striking mechanism. 2,209,297; July 23.
Magruder, John D., Los Angeles, Calif. Machine for clearing out pipe. 2,210,300; Aug. 6.
Magrum, Gervase M. (See Peo, R. F., and Magrum.)
Maguire, Irwin L., Elwood, Victoria, Australia. Television system. 2,211,066; Aug. 13.
Maguire, Walter, Company. (See Maguire, W. R., and Lockwood, assignors.)
Maguire, Walter, Inc. (See Maguire, W. R., and Lockwood, assignors.)
Maguire, Walter R., Manhasset, and E. J. Lockwood, Peekskill, assignors to Walter Maguire Company, Inc., New York, N. Y. Case conveyer. 2,200,116; May 7.
Maguire, Walter R., Manhasset, and E. J. Lockwood, Peekskill, assignors to Walter Maguire Company, Inc., New York, N. Y. Case conveyer. 2,222,316; Nov. 19.
Maguire, William T., Shaker Heights, assignor to William Exline, Inc., Cleveland, Ohio. Covering material folding and applying machine. 2,195,959; Apr. 2.
Mahaffey, Benjamin S., Chicago, Ill. Vending apparatus. 2,208,298; July 16.
Mahaffey, Birch O., St. Louis, Mo. Reservoir. 2,211,958; Aug. 20.
Mahaffy, Frank G., Toronto, Ontario, Canada. Lifting truck. 2,203,872; June 11.
Mahan, Joseph R., and J. B. Picard, Toledo, Ohio, assignors to The National Supply Company, Pittsburgh, Pa. Counterbalance device. 2,221,428; Nov. 12.
Mahannah, Everett A., and H. P. Bailey, Niagara Falls, assignors to International Paper Company, New York, N. Y. Apparatus for testing materials. 2,189,589; Feb. 6.
Maher, Thomas B., Lynchburg, Va. Silent rail joint. 2,215,475; Sept. 24.
Maher, William W., San Francisco, and C. G. Schoof, Belmont, Calif., assignors to American Can Company, New York, N. Y. Printing method. 2,192,924; Mar. 12.
Mahl, Hans. (See Orthuber, R., Steudel, and Mahl.)
Mahl, Hans, Berlin-Reinickendorf, Germany, assignor to General Electric Company. Electron discharge device. 2,223,040; Nov. 26.
Mahl, Hans, Berlin, Germany, assignor to General Electric Company. Electron discharge device. 2,225,917; Dec. 24.
Mahla, Walter T. (See Hayes, L. A., and Mahla.)
Mahla, Walter T., Lorain, Ohio, assignor to National Tube Company. Pipe or tube. 2,215,930; Sept. 24.
Mahle, Louis W., Melrose Park, assignor to Frank H. Fleer Corporation, Philadelphia, Pa. Chocolate-flavored chewing gum. 2,224,637; Dec. 10.
Mahler, Alfred C., assignor to A. S. Aloe Co., St. Louis, Mo. Pipette cleaner. 2,222,676; Nov. 26.
Mahler, Joseph. (See Land, E. H., and Mahler.)
Mahler, Paul, New York, N. Y. Manufacturing an impregnated product. 2,227,312; Dec. 31.
Mahler, Paul, New York, N. Y., and C. Haner, Moylan, assignors to Publicker Inc., Philadelphia, Pa. Denatured alcohol composition. 2,201,108; May 14.
Mahler, Paul, New York, N. Y., and C. Haner, Moylan, assignors to Publicker Inc., Philadelphia, Pa. Denatured alcohol composition. 2,201,109; May 14.

Mahler, Paul, New York, N. Y., and C. Haner, Moylan, assignors to Publicker, Inc., Philadelphia, Pa. Denatured alcohol composition. 2,223,790; Dec. 3.
Mahlke, Bruno, Marinette, Wis. Meat cutting machine. 2,210,765; Aug. 6.
Mahnke, Kurt, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Multispeed motor control. 2,186,254; Jan. 9.
Mahnke, Kurt, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Switching means. 2,217,759; Oct. 15.
Pa. Thermal overload relay. 2,217,488; Oct. 8.
Mahnken, Werner, Blankenfelde, Mahlow, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Tuning control for radio receivers. 2,203,736; June 11.
Mahnken, Werner, Blankenfelde, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Tuning control system for radio receivers. 2.205,103; June 18.
Mahnken, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany.
Mahnken, Werner, Blankenfelde, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Tuning control system for radio receivers. 2,224,193; Dec. 10.
Mahon, R. C., Company, The. (See Bingman, Frederick P., assignor.)
Mahon, Thomas C., Burnaby, British Columbia, Canada. Pressure equalizing valve. 2,200,578; May 14.
Mahone, Francis D., Long Beach, Calif., assignor, by mesne assignments, to Petrolite Corporation Ltd., Wilmington, Del. Method and apparatus for controlling the relative quantities of liquids in a tank. 2,216,977; Oct. 8.
Mahoney, Andrew, et al. (See Trabold, Frank W., assignor.)
Mahoney, Harry P., and C. E. Lomax, Oak Park, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,218,850; Oct. 22.
Mahoney, Harry P., and C. E. Lomax, Oak Park, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,218,851; Oct. 22.
Mahoney, Joseph J., assignor, by mesne assignments, to J. J. and N. M. Mahoney, Washington, D. C. Handle for cooking utensils. 2,193,290; Mar. 12.
Mahoney, Nellie M., et al. (See Mahoney, Joseph J., assignor.)
Mahoney, Paul L., Jackson Heights, assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Laminated elastic fabric panel and manufacturing same. 2,211,143; Aug. 13.
Mahoney, William E., Pawtucket, R. I., assignor to Premier Thread Company. Yarn package. 2,222,039; Nov. 19.
Mahoning Mining Company. (See Abbott, F. C., and Anderson, assignors.)
Mahoning National Bank of Youngstown, trustee. (See Adamson, Andrew E., assignor.)
Mahr, Julius A. (See Rush, J. B., Mahr, and Decker.)
Mahr, Julius A., assignor to Inventors Patent Holding Company, Minneapolis, Minn. Collapsible bassinet. 2,196,834; Apr. 9.
Mahr, Julius A., assignor to Inventors Patent Holding Company, Minneapolis, Minn. Latch mechanism for folding body supports on baby carriage chassis. 2,200,889; May 14.
Maibaum, Jerome, New York, N. Y. Changeable eyes and sound actuating device for dolls and other figures. 2,208,219; July 16.
Maiben, Charles H., Logansport, Ind. Tag holder. 2,211,666; Aug. 13.
Maida, Gaetano, Jr., New York, N. Y. Alarm lock. 2,199,671; May 7.
Maiden Form Brassiere Company. (See Rosenthal, W., and Sachs, assignors.)
Maiden Form Brassiere Company. (See Turrisi, Antonio, assignor.)
Maiellano, Frank, Winthrop, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Making shoes. 2,188.512; Jan. 30.
Maier, Albert F. (See Snyder, A. D., and Maier.)
Maier, Albert, Friedrichshafen, assignor to Zahnradfabrik Friedrichshafen Aktiengesellschaft, Friedrichshafen, Bodensee, Germany. Shift mechanism for motor vehicle transmissions. 2,186,536; Jan. 9.
Maier, Albert, assignor to Zahnradfabrik Friedrichshafen Aktiengesellschaft, Friedrichshafen - on - the - Bodensee, Germany. Control device for change speed gears of power driven vehicles. 2,193,733; Mar. 12.
Maier, August R., assignor to Oil Well Supply Company, Dallas, Tex. Draw-works for rotary drilling apparatus. 2,187,623; Jan. 16.
Maier, August R., Dallas, Tex., assignor to Oil Well Supply Company. Guard for rotary machines. 2,221,486; Nov. 12.
Maier, Erwin, Schaffhausen, Switzerland, assignor to S. Szegö, Detroit, Mich. Beam grid for roof or floor construction. 2,222,981; Nov. 26.
Maier, Frederick, Buffalo, N. Y. Doughnut machine. 2,199,266; Apr. 30.
Maier, Friedrich E., Berlin-Charlottenburg, Germany. Car body. 2,191,572; Feb. 27.
Maier, Friedrich E., Berlin-Charlottenburg, Germany. Wheel suspension. 2,220,254; Nov. 5.
Maier, George J., assignor to J. K. Smit & Sons, Inc., New York, N. Y. Diamond drill bit. 2,187,384; Jan. 16.
Maier, George M., Detroit, Mich., assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Radiator. 2,196,318; Apr. 9.
Maier, Karl, Meaux, France. Nonraveling knitted fabric. 2,190,409; Feb. 13.
Maier Products Company, The. (See Gell, George F., assignor.)
Maier, Rudolf, Stuttgart, Germany. Apparatus for separating materials of different specific weights. 2,207,326; July 9.
Maier, Rudolf, Stutgart, Germany, assignor to Elektro-Metallurgische Apparatebau Aktiengesellschaft, Zurich, Switzerland. Apparatus for converting metals and the like. 2,207,746; July 16.
Maier, Walter, Jessnitz, Anhalt, G. Plepp and H. Fink, Wolfan, Kreis Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of artificial threads. 2,213,129; Aug. 27.
Maihack, Herman J., Jersey City, N. J., assignor of forty per cent to G. H. Hutaff, Jr., Wilmington, Del. Paddle. 2,194,761; Mar. 26.
Mailänder, Willy, Stuttgart-Bad Cannstatt, Germany. Rotary sheet metal offset printing press. 2,226,315; Dec. 24.
Mail & Express Printing Co. (See Stolper, Harry E., assignor.)
Mailler Searles, Inc. (See Wylie, Howard W., assignor.)
Main, Charles E., Kansas City, and L. Hanson, Carrollton, Mo.; said Hanson assignor to said Main. Stroboscopic distant indicator. 2,203,995; June 11.
Main, Frank L., Birmingham, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,186,834; Jan. 9.
Main, Frank L., Birmingham, assignor to Kelsey, Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,189,014; Feb. 6.
Main, Frank L., Birmingham, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,193,975; Mar. 19.
Main, Frank L., Birmingham, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,198,878; Apr. 30.
Main, Frank L., Birmingham, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Hydraulic brake apparatus. 2,216,124; Oct. 1.
Main, Frank L., Birmingham, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Master cylinder. 2,223,424; Dec. 3.
Main, Lewis, Verdun, Quebec, Canada, assignor to H. Freed, New York, N. Y. Miniature aerial toy. 2,222,677; Nov. 26.
Mainard, Gordon D., Mattoon, Ill. Leaf spring. 2,204.940; June 18.
Maine, James F., assignor to The Consolidated Iron-Steel Manufacturing Company, Cleveland, Ohio. Load transferring machinery. 2,186,463; Jan. 9.
Maine, James F., assignor to Consolidated Iron-Steel Mfg. Co., Cleveland, Ohio. Core molding apparatus. 2,196,835; Apr. 9.
Maines, Fred, Long Beach, Calif. Oil well cementing plug. 2,197,396; Apr. 16.
Mair, William J., Binghamton, and C. C. Rutbell, Endwell, assignors to International Business Machines Corporation, New York, N. Y. Apparatus for perforating metal plates or the like. 2,213,566; Sept. 3.
Mairs, Thomas, Tacoma, Wash. Auxiliary fireplace heater. 2,199,836; May 7.
Mairson, Irving W. (See Mairson, Robert A. and I. W.)
Mairson, Robert A. and I. W., Kalamazoo, assignors to American Box Board Company, Grand Rapids, Mich. Box unit. 2,220,972; Nov. 12.
Maiuri, Guido, Aldwych, London, assignor to Maiuri Refrigeration Patents Limited, London, England. Absorption refrigerating machine. 2,193,535; Mar. 12.
Maiuri, Guido, Aldwych, London, England. Absorption refrigerating machine. 2,197,001; Apr. 16.
Maiuri, Guido, London, England. Liquefaction and separation of gases. 2,206,967; July 9.
Maiuri, Guido, Aldwych, London, England. Separation of benzol from coke oven and like gases. 2,219,782; Oct. 29.
Maiuri Refrigeration Patents Limited. (See Maiuri, Guido, assignor.)
Maizel, Ben, Milwaukee, Wis., assignor to Vico Products Company, Chicago, Ill. Extraction of vitamin B complex. 2,193,876; Mar. 19.
Majestic Metal Specialties, Inc. (See Kasdan, Nathan, assignor.)
Majestic Metal Specialties, Inc. (See Leshin, Joseph, assignor.)
Majewski, Aniela, Chicago, Ill. Sanitary pad holder. 2,200,754; May 14.
Majewski, Joseph M., Jr., assignor to F. L. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Ice crusher. 2,213,166; Aug. 27.
Major, Randolph T. (See Addinall, C. R., and Major.)
Major, Randolph T., Plainfield, and H. T. Bonnett, assignors to Merck & Co., Inc., Rahway, N. J. β-alkyl chlorine salts and intermediates and their production. 2,189,808; Feb. 13.

Major, Randolph T., Plainfield, and W. L. Ruigh, Princeton, assignors to Merck & Co., Inc., Rahway, N. J. Stabilized divinyl ether. 2,189,810; Feb. 13.
Major, Randolph T., Plainfield, and H. T. Bonnett, assignors to Merck & Co. Inc., Rahway, N. J. β-alkylcholine salts and their acyl esters. 2,192,925; Mar. 12.
Major, Randolph T., Plainfield, N. J., and E. W. Cook, New York, N. Y., assignors to Merck & Co., Inc., Rahway, N. J. Nitriles of fully acetylated 2-keto sugar acids and their production. 2,194,476; Mar. 26.
Major, Randolph T., Plainfield, N. J., and E. W. Cook, New York, N. Y., assignors to Merck & Co. Inc., Rahway, N. J. Fully acetylated sugar acid chlorides and their production. 2,198,628; Apr. 30.
Major, Randolph T., Plainfield, and H. T. Bonnett, assignors to Merck & Co. Inc., Rahway, N. J. β-alkylcholine salts and their acyl esters. 2,198,629; Apr. 30.
Majoros, Frank, Lorain, Ohio. Article handling apparatus. 2,219,630; Oct. 29.
Majors, John, Muskegon, Mich. Delivery receptacle and locking means. 2,223,150; Nov. 26.
Majusick, Walter, Lakewood, assignor of one-third to W. L. Pierce, Cleveland, Ohio. Bolt nutting machine. 2,190,077; Feb. 13.
Makarius, Theodore, Flushing, and J. Verzera, Jackson Heights, Long Island, assignors to Olsen Mark Corporation, New York, N. Y. Apparatus for compensating hygroscopic expansion of paper in printing presses. 2,218,430; Oct. 15.
Makaroff, Vadim S. (See Bary, W. A., and Jackson, assignors.)
Makaroff, Vadim S. (See Jackson, A., and Makaroff.)
Makaroff, Vadim S., New York, and A. Jackson, Niagara Falls, N. Y.; said Jackson assignor to said Makaroff. Pneumatic automobile lift. 2,201,189; May 21.
Makela, Oiva V., Waukegan, Ill. Toilet article. 2,209,128; July 23.
Makenny, William, Mountain View, and W. Harrison, Bloomfield, N. J., assignors, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Molding press. 2,197,528; Apr. 16.
Makepeace, D. E., Company. (See Doescher, Joe E., assignor.)
Makram, Latif T., Cairo, Egypt. Brick or block. 2,201,110; May 14.
Malan, George L., Yuma, Ariz. Vibrator. 2,187,088; Jan. 16.
Malarkey, James A., and A. C. Erickson, assignors to M and M Wood Working Company, Portland, Oreg. Wood panel. 2,220,606; Nov. 5.
Malarkey, Ralph. (See Lane, G. W., and Malarkey.)
Malat, Frank J., assignor to Astatic Microphone Laboratory, Inc., Youngstown, Ohio. Support for microphones and the like. 2,188,150; Jan. 23.
Malawista, John J. (See Markush, E. A., Malawista, and Miller.)
Malbon, Clifford B., Haverhill, Mass. Adjustable reed for wind instruments. 2,193,976; Mar. 19.
Malburn, Raymond S., Los Angeles, Calif. Embalming device. 2,203,832; June 11.
Malcolm, Vincent T., assignor to The Chapman Valve Mfg. Co., Indian Orchard, Mass. Heat treating. 2,188,137; Jan. 23.
Malcolm, Vincent T., assignor to The Chapman Valve Manufacturing Company, Indian Orchard, Mass. Metal alloy. 2,188,138; Jan. 23.
Malcolm, Vincent T., assignor to The Chapman Valve Manufacturing Co., Indian Orchard, Mass. Coating steel. 2,202,531; May 28.
Malcolm, Vincent T., assignor to The Chapman Valve Manufacturing Co., Indian Orchard, Mass. Selenium plating of steel. 2,202,532; May 28.
Malcolm, Vincent T., assignor to The Chapman Valve Manufacturing Co., Indian Orchard, Mass. Producing of free-machining stainless steel having a low sulphur content. 2,218,973; Oct. 22.
Malcolm, Vincent T., assignor to The Chapman Valve Manufacturing Co., Indian Orchard, Mass. Heat treating. 2,221.597; Nov. 12.
Malcom, Robert. (See Whipple, Willis A., assignor.)
Malcom, Robert, Chicago, Ill. Ophthalmic mounting. 2,194,401; Mar. 19.
Malcom, Robert, Chicago, Ill. Ophthalmic device. 2,224,793; Dec. 10.
Malcom, Vincent V., Mariemont, Ohio, assignor to The Philip Carey Manufacturing Company. Joint structure. 2,222,970; Nov. 26.
Malcom, Vincent V., Mariemont, Ohio, assignor to The Philip Carey Manufacturing Company. Molding plate for joint structures. 2,223,083; Nov. 26.
Malek, Georg, assignor to firm of "Eumig" Elektrizitats- und Metallwaren-Industrie, Vienna, Austria. Moving picture camera. 2,187,356; Jan. 16.
Malek, Morris S., Ridgefield, N. J. Tie fabrication apparatus. 2,186,552; Jan. 9.
Maler, Victor B., Bisbee, N. Dak. Wall or the like. 2,212,990; Aug. 27.
Malhiot, Clarence J. (See Milmoe, M. J., and Malhiot.)
Malhiot, Clarence J., Oak Park, assignor to F. B. Redington Co., Chicago, Ill. Wrapper mechanism. 2,188,282; Jan. 23.
Malicke, John J. (See Kowalksy, George W., assignor.)
Malicki, John, Chicago, Ill. Cigarette holder. 2,191,672; Feb. 27.
Malicov, Andrej, Moscow, Union of Soviet Socialist Republics. Manometer for use with vacuum apparatus. 2,203,574; June 4.
Malik, Joseph S. (See Paxton, James B., assignor.)
Maling, Roy, West Roxbury, Mass. Footwear. 2,217,913; Oct. 15.
Maliphant, Charles W., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Speed controlled brake. 2,194,762; Mar. 26.
Malishev, Boris, Elizabeth, N. J., assignor of thirty and one-third percent to Universal Development Corporation, and three percent to J. P. Nikonow, New York, N. Y. Catalytic conversion of gaseous hydrocarbons. 2,188,057; Jan. 23.
Malishev, Boris, Elizabeth, N. J., assignor of thirty and one-third per cent to Universal Development Corporation, and three per cent to J. P. Nikonow, New York, N. Y. Refining mineral oil. 2,223,524; Dec. 3.
Malkin, Abraham, New York, N. Y. Flashlight apparatus. 2,216,443; Oct. 1.
Malkin, Bernard A., assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Paper making machine. 2,186,761; Jan. 9.
Malkin, Bernard A., assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Shaking Fourdrinier mechanism. 2,217,373; Oct. 8.
Malkin, Edwin W., assignor of one-half to The Manor Engineering Company Limited, Fenton, Stoke-on-Trent, England. Multichamber filter press. 2,192,868; Mar. 5.
Malkomes, Walter, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Production of combustible gases from bituminous fuels. 2,190,293; Feb. 13.
Mall, Arthur W., Chicago, Ill. Power hammer. 2,185,471; Jan. 2.
Mall, Arthur W., Chicago, Ill. Vibrator. 2,209,656; July 30.
Mall, Arthur W., Chicago, Ill. Rail slotter. 2,214,141; Sept. 10.
Mall, Arthur W., Chicago, Ill. Vibrator. 2,214,142; Sept. 10.
assignors.)
Mall, Arthur W., Chicago, Ill. All purpose grinding apparatus. 2,223,732; Dec. 3.
Mall, Arthur W., Chicago, Ill. Gang vibrator construction. 2,223,733; Dec. 3.
Mall, Arthur W., Chicago, Ill. Gang vibrator construction. 2,223,734; Dec. 3.
Malleable Iron Fittings Company. (See Hammer, Forrester L., assignor.)
Malleable Steel Range Manufacturing Company. (See Klute, Samuel, assignor.)
Mallet, Fred J. (See von Nessen, W., and Lemle, assignors.)
Mallett, Lloyd A., and R. C. Norrie, assignors to Kenworth Motor Truck Corporation, Seattle, Wash. Suspension mechanism for driven and braked tandem axle trucks. 2,225,016; Dec. 17.
Malley, Harry T., Greensburg, Pa. Hydraulic brake control. 2,208,220; July 16.
Mallgraf, Ferdinand, Little Neck, N. Y. Collapsible paperboard house. 2,190,721; Feb. 20.
Mallgraf, Ferdinand, Little Neck, N. Y. Feeding device for birds. 2,195,575; Apr. 2.
Mallinckrodt Chemical Works. (See Shreve, R. N., and Skeeters, assignors.)
Mallinckrodt Chemical Works. (See Shreve, R. N., and Swaney, assignors.)
Mallory, Charles S., and H. C., Grand Rapids, and C. W. Marble and C. M. Mumford, Detroit, Mich.; said Marble and said Mumford assignors to C. S. and H. C. Mallory. Paper padding press. 2,221,241; Nov. 12.
Mallory, Clifton, Auburn, N. Y. Air furnace. 2,190,410; Feb. 13.
Mallory, Edward B., Tenafly, N. J. Mechanical aerator. 2,204,093; June 11.
Mallory, Edward B., Tenafly, N. J. Sewage treating apparatus. 2,223,257; Nov. 26.
Mallory, Edward B., Tenafly, N. J. Sewage purification apparatus. 2,223,258; Nov. 26.
Mallory, Edward B., Tenafly, N. J. Settling and filtering sewage liquors. 2,227,099; Dec. 31.
Mallory, Henry C. (See Mallory, Charles S. and H. C., Marble, and Mumford.)
Mallory, Louis V., Salina, Kans., assignor of one-half to L. C. Mallory and B. J. Ray, Houston, Tex. Locking device. 2,202,217; May 28.
Mallory, Louis V., assignor of one-half to G. C. Dale, Salina, Kans. Apparatus for recovering implements from wells. 2,218,337; Oct. 15.
Mallory, Louise C., et al. (See Mallory, Louis V., assignor.)
Mallory, Marion, Detroit, Mich. Carburetor. 2,195,867; Apr. 2.
Mallory, Marion, Detroit, Mich. Carburetor. 2,198,676; Apr. 30.
Mallory, Marion, Detroit, Mich. Internal combustion engine. 2,199,706; May 7.
Mallory, Marion, Detroit, Mich. Carbureting and ignition system for internal combustion engines. 2,201,381; May 21.

Mallory, P. R., & Co. (See Arvin, Marion J., assignor.)
Mallory, P. R., & Co. (See Aust, Robert J., assignor.)
Mallory, P. R., & Co. (See Brock, James R., assignor.)
Mallory, P. R., & Co. (See Brown, Harold J., assignor.)
Mallory, P. R., & Co. (See Emmert, K. L., and Wiggs, assignors.)
Mallory, P. R., & Co. (See Fruth, Hal F., assignor.)
Mallory, P. R., & Co. (See Gaut, G. C., and Phillips, assignors.)
Mallory, P. R., & Co. (See Gaut, G. C., Phillips, and Huggins, assignors.)
Mallory, P. R., & Co. (See Goetz, Lawrence R., assignor.)
Mallory, P. R., & Co. (See Gwyn, Childress B., Jr., assignor.)
Mallory, P. R., & Co. (See Hall, Arthur, assignor.)
Mallory, P. R., & Co. (See Hensel, Franz R., assignor.)
Mallory, P. R., & Co. (See Hensel, F. R., and Emmert, assignors.)
Mallory, P. R., & Co. (See Hensel, F. R., Emmert, and Wiggs, assignors.)
Mallory, P. R., & Co. (See Hensel, F. R., and Larsen, assignors.)
Mallory, P. R., & Co. (See Kotterman, Chester A., assignor.)
Mallory, P. R., & Co. (See Musser, Charles W., assignor.)
Mallory, P. R., & Co. (See Nulsen, Marvin E., assignor.)
Mallory, P. R., & Co. (See Nulsen, M. E., Yoder, and Lear, assignors.)
Mallory, P. R., & Co. (See Peck, Gordon V., assignor.)
Mallory, P. R., & Co. (See Puerner, George O., assignor.)
Mallory, P. R., & Co. (See Slater, Ira M., assignor.)
Mallory, Robert L., Houston, Tex., assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,202,218; May 28.
Malloy, Frank J. (See Donovan, J. F., and Malloy.)
Malloy, Frank J., Cleveland Heights, Ohio, assignor to General Electric Company. Sealing-in machine. 2,203,917; June 11.
Malm, Carl J., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Highly flexible sheeting and preparing the same. 2,189,590; Feb. 6.
Malm, Carl J., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Laminated safety glass. 2,192,196; Mar. 5.
Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Manufacture of acetyl cellulose. 2,206,288; July 2.
Malm, Carl J., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Yarn. 2,223,376; Dec. 3.
Malm, Carl J., and L. W. Blanchard, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of cellulose esters. 2,193,033; Mar. 12.
Malm, Carl J., and G. F. Nadeau, assignors to Eastman Kodak Company, Rochester, N. Y. Separation of chlorinated compounds from liquids. 2,203,690; June 11.
Malm, Carl J., and L. W. Blanchard, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of cellulose for etherification. 2,211,337; Aug. 13.
Malm, Carl J., and J. Emerson, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of esters of agar. 2,211,338; Aug. 13.
Malm, Carl J., and W. E. Fisher, assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of anhydrides of higher fatty acids. 2,221,026; Nov. 12.
Malmgren, George, Santa Cruz, Calif. Electrical amalgamator. 2,197,133; Apr. 16.
Malmquist, Clayton W., Minneapolis, Minn. Toasting apparatus. Re. 21,333; Jan. 23.
Malmquist, Nils G. A., assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Resilient wheel. 2,220,417; Nov. 5.
Malmquist, Oscar V., and F. J. Fischer, Minneapolis, Minn. Toaster and control mechanism therefor. 2,194,859; Mar. 26.
Malmqvist, Johan D., Boliden, assignor to Bolidens Gruvaktiebolag, Stockholm, Sweden. Apparatus for determining the alterations of the horizontal components of the force of gravity. 2,217,123; Oct. 8.
Malmros, Gustav V. A., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,199,544; May 7.
Malnick, Helen V., Chicago, Ill. Brassière. 2,202,058; May 28.
Maloff, Ioury G., Norristown, Pa., assignor to Radio Corporation of America. Electron device. 2,206,413; July 2.
Maloff, Ioury G., Norristown, Pa., D. W. Epstein, Merchantville, and K. R. Wendt, Audubon, N. J., assignors to Radio Corporation of America. Electron gun for cathode ray tubes. 2,185,378; Jan. 2.
Maloney, Frank H., Elmhurst, Long Island, assignor to Brass Goods Manufacturing Co., Brooklyn, N. Y. Dispensing container. 2,215,882; Sept. 24.
Maloney, George R., and G. R. Pearre, Augusta, Ga. Pneumatic steering gear. 2,195,932; Apr. 2.
Maloney, Raymond T. (See Hooker, Donald E., assignor.)
Maloon, Earl B., assignor to Southwest Welding & Manufacturing Co., Inc., Alhambra, Calif. Carry type scraper. 2,198,916; Apr. 30.
Malott, Clifton S., Jr., assignor to The American Laundry Machinery Company, Norwood, Ohio. Press operating motor and control mechanism. 2,189,215; Feb. 6.
Malpas, Ellis G., assignor to Sealed Power Corporation, Muskegon, Mich. Piston ring. 2,187,979; Jan. 23.
Malpas, Ellis G., assignor to Sealed Power Corporation, Muskegon, Mich. Spring for piston rings. 2,191,697; Feb. 27.
Malpass, Joseph, New York, N. Y. Cleaner for eating and drinking utensils. 2,215,400; Sept. 17.
Malsbary, James S., Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Gasometer construction. 2,194,604; Mar. 26.
Malsch, Friedrich. (See Statz, W., and Malsch.)
Malsch, Otto C., Pittsburgh, Pa. Dental flask. 2,188,415; Jan. 30.
Maltby, Maurice E. (See Price, L. L., and Maltby.)
Malter, Louis. (See Zworykin, V. K., and Malter.)
Malter, Louis, Oaklyn, N. J., assignor to Radio Corporation of America. Electric discharge device. 2,219,871; Oct. 29.
Malter, Louis, Oaklyn, N. J., assignor to Radio Corporation of America. Noise reducing system. 2,220,165; Nov. 5.
Maltese, Frank, Brooklyn, N. Y. Advertising device. 2,202,915; June 4.
Maltz, Maxwell, New York, N. Y. Surgical knife. 2,215,125; Sept. 17.
Mamoli, Luigi, Berlin-Lichterfelde, Germany, assignor to Schering Corporation, Bloomfield, N. J. Biochemical hydrogenation of phenanthrenes. 2,186,906; Jan. 9.
Mample, Adolph Z., Glen Rock, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Reverse current switch. 2,198,781; Apr. 30.
Mample, Adolph Z., Glen Rock, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Activating the carbon monoxide adsorption property of platinum black powder. 2,219,261; Oct. 22.
Mample, Adolph Z., Glen Rock, N. J., and D. P. Dickie, assignors to The Western Union Telegraph Company, New York, N. Y. System for detecting and locating defects in cable sheaths. 2,219,262; Oct. 22.
Mamrol, Peter J., Philadelphia, Pa., assignor to Kalio, Inc., New York, N. Y. Reciprocating thread end holder. 2,185,211; Jan. 2.
Manarik, Joseph A., and K. H. Miller, assignors to Illinois Testing Laboratories, Inc., Chicago, Ill. Velocity meter. 2,207,747; July 16.
Manaster, Ben B., Chicago, Ill. Fruit-Press structure. 2,216,373; Oct. 1.
Manatt, James, assignor to Central Commercial Company, Chicago, Ill. Musical instrument. 2,227,100; Dec. 31.
Manchen, Friedrich. (See Schmidt, W., and Manchen.)
Manchester, Frank H., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Rubber product and producing the same. 2,188,283; Jan. 23.
Manchester, Harry S., Inc. (See Marx, Frank X., assignor.)
Manchester, Harvey. (See Chittenden, F. D., and Manchester.)
Manchester Oxide Company, Limited, The. (See Clayton, J. H., and Bann, assignors.)
Mancuso, Victor, assignor to Axelson Manufacturing Co., Los Angeles, Calif. Pump plunger. 2,220,821; Nov. 5.
Mandalian, Sahatiel G., North Attleboro, Mass. Sound producing device for a tap dancing shoe. 2,200,848; May 14.
Mandaville, Gurney L., Fort Pierce, Fla. Mechanical stereoscopic training device. 2,186,418; Jan. 9.
Mandel, Jacob, assignor to Pronto File Corp., Inc., New York, N. Y. 2,225,958; Dec. 24.
Mandel, Louis, assignor to The Slick-Shine Co., Inc., Newark, N. J. Labeling apparatus. 2,191,406; Feb. 20.
Mandelbaum, Malvin R., New York, N. Y., assignor to The Gray Processes Corporation, Jersey City, N. J. Treatment of hydrocarbon oil. 2,216,691; Oct. 1.
Mandery, Charles F., Omaha, Nebr. Air conditioned vehicle. 2,202,635; May 28.
Mandeville, John P. (See Simpson, J. O., Webb, and Mandeville.)
Mandl, Siegmund, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Wrench. 2,225,420; Dec. 17.
Mandl, Sigmund, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Straightening out deformed automobile bodies and the like. 2,200,133; May 7.
Mandle, Henry H., Closter, N. J., assignor, by mesne assignments, to United States Metal Powders, Inc., Baltimore, Md. Pulverizing system. 2,194,026; Mar. 19.
Mandle, Henry H., Closter, N. J., assignor, by mesne assignments, to United States Metal Powders, Inc., Baltimore, Md. Machine for polishing metal powders. 2,199,707; May 7.
Mandle, Henry H., Closter, N. J., assignor, by mesne assignments, to United States Metal Powders Inc., Baltimore, Md. Dispensing device. 2,218,852; Oct. 22.
Mandle, Henry H., Closter, N. J., assignor, by mesne assignments, to United States Metal Powders, Inc., Baltimore, Md. Mill feeder. 2,223,806; Dec. 3.
Mandolf, Henry I. (See Laddon, I. M., Ring, and Mandolf.)
Maness, Orie N., Long Beach, Calif., assignor to The Dow Chemical Company, Midland, Mich. Cementing wells. 2,219,325; Oct. 29.

Maney, Dorothy B., Old Hickory, Tenn., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial cellulosic material bonded to rubber and producing the bond. 2,211,959; Aug. 20.
Manfredi, Joseph, Monongahela, Pa. Toothpick dispenser. 2,191,573; Feb. 27.
Manfredini, Luigi, Milan, Italy, assignor to Det norscke Aktieselskab for Elektrokemisk Industri, Oslo, Norway. Continuous electrode and supplying current thereto. 2,224,739; Dec. 10.
Mangels, Erwin G., Davenport, Iowa, assignor to Blaw-Knox Company, Pittsburgh, Pa. Locomotive driving wheel. 2,222,982; Nov. 26.
Mangelsdorf, Theodore A., C. T. Anné, and H. I. Wilson, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Apparatus for the countercurrent extraction of hydrocarbon oil with a solvent. 2,205,986; June 25.
Mangelsdorf, Theodore A., and du B. Eastman, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Polymerization of hydrocarbon gases. 2,208,100; July 16.
Mangine, John E. (See Roney, E. A., and Mangine.)
Mangold, Robert B., Largo, Fla. Pin game. 2,212,163; Aug. 20.
Manhattan Company, Bank of the, Trustee. (See Brogden, Ernest M., assignor.)
Manhattan Shirt Company, The. (See Du Pree, Cornelius, assignor.)
Manierre, Cyrus E., Chicago, Ill. Cleansing fluid. 2,209,785; July 30.
Maninger, Sylvester V., Wichita, assignor of one-half to R. Reida, Harper, Kans. Sickle device. 2,199,642; May 7.
Manion, Daniel F., Jr. (See Sabatt, C., and Manion.)
Manion, George F. (See Jenne, K. C., and Manion.)
Manitowoc Shipbuilding Company. (See Koebke, George A., assignor.)
Mankin, Lawrence O. (See Schutz, H. R., and Mankin.)
Mankoff, Henry J., Wichita, Kans. Compost mixing and grinding machine. 2,207,811; July 16.
Mankoff, Henry J., Wichita, Kans. Grinder. 2,209,277; July 23.
Mankoff, Henry J., Wichita, Kans. Hammer for feed grinding machines. 2,221,002; Nov. 12.
Mankoff, Henry J., Wichita, Kans. Grinding machine. 2,224,442; Dec. 10.
Mankouski, Charles, Portland, Oreg. Dispenser for fluid dentifrices. 2,218,005; Oct. 15.
Manley, Guy, Danville, Ill. Tobacco pipe. 2,211,572; Aug. 13.
Manley, Robert E., Yonkers, B. Y. McCarty, Beacon, and W. V. Overbaugh, Fishkill, assignors, by mesne assignments, to Texaco Development Corporation, New York, N. Y. Dewaxing hydrocarbon oil. 2,193,767; Mar. 12.
Manley, Robert E., and B. Y. McCarty, Beacon, assignors to The Texas Company, New York, N. Y. Solvent refining of mineral oil. 2,214,282; Sept. 10.
Mann, Alan N. (See de Jahn, Fredrik W., assignor.)
Mann, Alan N. (See Griffin, Dana A., assignor.)
Mann, Carl P., Riverton, N. J., assignor, by mesne assignments, to Interchemical Corporation, New York, N. Y. Method and apparatus for setting printing ink. 2,186,032; Jan. 9.
Mann, Cecil A., and E. W. Stansel, assignors to General Motors Corporation, Dayton, Ohio. Conveyer loading device. 2,216,276; Oct. 1.
Mann, Charles S., Vancouver, British Columbia, Canada. Automatic closing dispensing device for collapsible tubes. 2,189,470; Feb. 6.
Mann, David W., Lincoln, assignor to The L. S. Starrett Company, Athol, Mass. Precision spirit level. 2,206,817; July 2.
Mann, Garfield L., Seattle, Wash. Cracker dispenser. 2,226,626; Dec. 31.
Mann, George S., Ipswich, England. Magazine phonograph. 2,192,274; Mar. 5.
Mann, George S., Ipswich, England. Automatic and other gramophones. 2,192,360; Mar. 5.
Mann, Harold C. (See Haskell, R. K., and Mann.)
Mann, Henry S., et al. (See Young, Otis W., assignor.)
Mann, John, assignor to Goulds Pumps, Inc., Seneca Falls, N. Y. Centrifugal pump. 2,190,670; Feb. 20.
Mann, John, assignor to Goulds Pumps, Inc., Seneca Falls, N. Y. Centrifugal pump. 2,193,826; Mar. 19.
Mann, Joseph, New York, assignor to G. Stevenson, Buffalo, N. Y. Sewing machine stitch forming mechanism. 2,193,180; Mar. 12.
Mann, Leo R., assignor to Handlan, Inc., St. Louis, Mo. Signal. 2,214,473; Sept. 10.
Mann, Lloyd, Glen View, Ill. Fish lure. 2,185,771; Jan. 2.
Mann, Ralph J., and A. Mellor, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture and treatment of textile fabrics. 2,191,534; Feb. 27.
Mann, Walter D. (See Bergmann, Carl A., assignor.)
Manne, Edward, New York, N. Y. Lamp attachment for dry cells. 2,218,356; Oct. 15.
Mannes, Leopold D., and L. Godowsky, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Color forming developer containing amines. 2,191,037; Feb. 20.
Mannesmann-Stahlblechbau A.-G. (See Brill, Otto, assignor.)
Mannfolk, George J., New York, N. Y. Chopper and slicer. 2,198,482; Apr. 23.
Mannheimer, Gunnar. (See Schirokauer, Heinz, assignor.)
Manning, Bowman & Co. (See Heinrich, George C., assignor.)
Manning, Dana C., Detroit, Mich., and L. S. Depweg, assignors to The Crosley Corporation, Cincinnati, Ohio. Automatic tuner including manual adjustment means. 2,214,506; Sept. 10.
Manning, Dana C., Cincinnati, and L. S. Depweg, Hamilton, assignors to The Crosley Corporation, Cincinnati, Ohio. Station preselector. 2,217,066; Oct. 8.
Manning, F. W., Company. (See Manning, Fred W., assignor.)
Manning, Fred W., Pasadena, assignor to F. W. Manning Company, Ltd., Los Angeles, Calif. Method and apparatus for making filter fabric. 2,218,338; Oct. 15.
Manning, Fred W., Pasadena, assignor to F. W. Manning Company, Ltd., Los Angeles, Calif. Filter and oil recharge. 2,218,339; Oct. 15.
Manning, Joseph J., Philadelphia, Pa. Collapsible tube holder and ejector. 2,214,507; Sept. 10.
Manning, Mark R., Toledo, Ohio. Edge trim gauge. 2,193,561; Mar. 12.
Manning Maxwell & Moore, Inc. (See Brongersma, Cornelius, assignor.)
Manning, Maxwell & Moore, Inc. (See Coburn, Clifton R., assignor.)
Manning, Maxwell & Moore, Incorporated. (See Hammond, Elmer H., assignor.)
Manning, Maxwell & Moore, Incorporated. (See Hopkins, Frank H., assignor.)
Manning, Maxwell & Moore, Inc. (See Minty, John E., assignor.)
Manning, Maxwell & Moore, Incorporated. (See Tracy, Joseph V., assignor.)
Manning, Maxwell & Moore, Inc. (See Whitcomb, Preston, assignor.)
Manning, Odessa McC., Elkins, W. Va. Pulley. 2,206,327; July 2.
Manning, Sheldon F., assignor to Mastic Asphalt Corporation, South Bend, Ind. Reinforced building corner. 2,223,305; Nov. 26.
Mannington Mills, Incorporated. (See Campbell, Neil L., assignor.)
Manofsky, John J., Warren, Ohio, assignor to National Gypsum Company, Buffalo, N. Y. Metal sheet fabricating machine. 2,191,433; Feb. 20.
Manor Engineering Company Limited, The. (See Malkin, Edwin W., assignor.)
Manrodt, Hans. (See Manrodt, Henry and M., assignors.)
Manrodt, Henry, Newark, N. J., and M. Manrodt, Baltimore, Md., assignors of one-third to H. Manrodt, Union, N. J. Combustion engine with rotary valve. 2,224,688; Dec. 10.
Manrodt, Manfred. (See Manrodt, Henry, and M.)
Mansbach, Willy. (See Pringsauf, Karl, assignor.)
Mansbendel, Fritz P., assignor to The Fred Goat Co., Inc., Brooklyn, N. Y. Weight testing machine. 2,197,381; Apr. 16.
Manseau, Alfred L., Wolcott, assignor to The Waterbury Clock Company, Waterbury, Conn. Differential time-reckoning device. 2,189,639; Feb. 6.
Manseau, David O., Detroit, Mich. Compressor or pump. 2,222,203; Nov. 19.
Mansell, Harvey C. (See Fedden, A. H. R., and Mansell.)
Mansell, Irving V., Bridgeport, Conn. Sign. 2,186,982; Jan. 16.
Man-Sew Pinking Attachment Corp. (See Sigoda, Victor J., assignor.)
Mansfield, George F., Pascagoula, Miss. Automatic adjustable shade apparatus. 2,186,873; Jan. 9.
Mansfield, William E., Garfield Heights, Ohio. Aluminum base alloy. 2,185,348; Jan. 2.
Mansfield, William E., Garfield Heights, Ohio. Aluminum base alloy. 2,188,203; Jan. 23.
Mansfield, William R. (See Boughton, W. A., and Mansfield.)
Mansfield, Willis H., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Manufacture of shoes. 2,212,612; Aug. 27.
Manson, Ralph H., Beechview, Pa., assignor to National Electric Products Corporation. Conduit fitting. 2,222,438; Nov. 19.
Mantelet & Boucher (Societe en nom collectif). (See Mantelet, Jean, assignor.)
Mantelet, Jean, assignor to Mantelet & Boucher (Societe en nom collectif), Bagnolet (Seine) France. Mill for grinding pepper, salt, sugar, coffee, and the like. 2,222,927; Nov. 26.
Manthey, Paul, Bronx, N. Y. Scribing trammel for straight and curved lines. 2,209,250; July 23.
Manthorne, William H., Bay Shore, assignor to Western Electric Company, Incorporated, New York, N. Y. Electron apparatus. 2,187,591; Jan. 16.
Mantini, Eugenio, Mahanoy City, Pa. Power drill. 2,210,628; Aug. 6.
Mantle Lamp Company of America, The. (See Davis, C. W., and Engh, assignors.)
Mantle Lamp Company of America, The. (See Engh, Walter B., assignor.)
Mantle Lamp Company of America, The. (See Giles, Thomas F., assignor.)

Mantle Lamp Company of America, The. (See Hall, Roy W., assignor.)
Mantle Lamp Company of America, The. (See Schwarz, Eugene, assignor.)
Manton, James S., Oak Park, Ill. Bicycle lock. 2,208,849; July 23.
Mantsion, Frank X., Philadelphit, Pa. Burner for liquid fuels. 2,207,547; July 9.
Mantz, Aloysius F., deceased, Los Angeles, Calif.; B. Mantz, administratrix. Louvered vent. 2,195,704; Apr. 2.
Mantz, Bertha, administratrix. (See Mantz, Aloysius F.)
Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Magnetic valve. 2,187,834; Jan. 23.
Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermoelectric safety device. 2,198,453; Apr. 23.
Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Control device. 2,203,691; June 11.
Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Safety control and shutoff device. 2,213,844; Sept. 3.
Manuel, Forrest M., Washington, D. C. Educational device. 2,208,503; July 16.
Manufacturers National Bank of Detroit, The. (See Welch, L. W., and Millington, assignors.)
Manvell, Edwin H. (See Leifer, M. C., and Manvell.)
Manxi, Adam J. (See Simon, J., Foster, and Manxi.)
Many, Benjamin J., Chicago, Ill. Repairing masonry structures. 2,187,324; Jan. 16.
Mapel, Lewis A., assignor to The Automatic Appliance Company, St. Louis, Mo. Apparatus for indicating viscosity. 2,194,605; Mar. 26.
Mapes Consolidated Manufacturing Company. (See de Reamer, William J., assignor.)
Mapes, Daniel, Rutherford, assignor to Specialties Development Corporation, Bloomfield, N. J. Self-energizing fluid release device. 2,206,818; July 2.
Mapes, Dwight B., and E. M. Dons, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Manufacturing lubricating oils. 2,227,377; Dec. 31.
Marangelo, George, New York, N. Y. Pipe tapper. 2,219,997; Oct. 29.
Maranville, Harvey F., assignor to The General Tire & Rubber Company, Akron, Ohio. Trailer. 2,198,270; Apr. 23.
Marathon Electric Manufacturing Corporation. (See Appleman, Wilbur R., assignor.)
Marathon Paper Mills Company. (See Abrams, A., Forcey, and Sheldon, assignors.)
Marathon Paper Mills Company. (See Anthony, P. L., and Croy, assignors.)
Marathon Paper Mills Company. (See Ohlhaver, Homer W., assignor.)
Marathon Paper Mills Company. (See Skinner, Harold A., assignor.)
Marathon Paper Mills Company. (See Snyder, Donald A., assignor.)
Marble, Charles W. (See Mallory, Charles S. and H. C., Marble, and Mumford.)
Marble, George E., assignor to Curtis & Marble Machine Company, Worcester, Mass. Cutter drive for cloth shears. 2,217,344; Oct. 8.
Marble, Louis M., assignor to The Belmar Manufacturing Company, Canton, Pa. Garment hanger. 2,222,231; Nov. 19.
Marbon Corporation. (See Gebauer-Fuelnegg, E., and Moffett, assignors.)
Marbon Corporation. (See Ide, R. W., Jr., and Winwelmann, assignors.)
Marbon Corporation. (See McKenzie, John H., assignor.)
Marbon Corporation. (See Winkelmann, Herbert A., assignor.)
Marbon Corporation. (See Winkelmann, H. A., and Moffett, assignors.)
Marbury, Ralph E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Water cooled capacitor. 2,200,094; May 7.
Marc, Henri, Cincinnati, and H. W. Greider, Wyoming, Ohio, assignors to The Philip Carey Manufacturing Company. Bituminous mixture. 2,188,204; Jan. 23.
Marcalus, Nicholas, Elizabeth, N. J. Waxing machine. 2,202,159; May 28.
March, Lafayette, West Chester, Pa. Crusher and spreader. 2,198,547; Apr. 23.
March, Stanley D., et al. (See Irvine, Milton H., assignor.)
Marchand, Adolph, Jackson Heights, N. Y. Curtain and drape mounting and slide operating means. 2,185,305; Jan. 2.
Marchand, Eugene W., Maywood, assignor to Crane Co., Chicago, Ill. Drinking fountain head. 2,222,567; Nov. 19.
Marchand, Jean J. M. L., assignor to N. V. Transorma Bundel-Sluit-Machine "B. S. M.", The Hague, Netherlands. Bundle tying machine. 2,198,440; Apr. 23.
Marchand, Joseph L., West Haven, Conn., assignor, by mesne assignments, to Western Cartridge Company. Firearm construction. 2,205,857; June 25.
Marchant Calculating Machine Company. (See Avery, Harold T., assignor.)
Marchant Calculating Machine Company. (See Warner, L. E., and Avery, assignors.)
Marchant Calculating Machine Company. (See Webb, Wells A., assignor.)
Marchant, Thomas J., Tiptree, England. Collapsible push chair and the like. 2,223,960; Dec. 3.
Marchese, Albert J., San Jose, Calif., assignor to Canfix Corporation. Can straightener and method. 2,216,749; Oct. 8.
Marchetti, Alessandro, Sesto Calende, Italy. High resistance steel. 2,218,888; Oct. 22.
Marchev, Alfred, La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating device. 2,195,491; Apr. 2.
Marchev, Alfred, La Grange, assignor to Signode Steel Strapping Company, Chicago, Ill. Binder tensioning tool. 2,209,631; July 30.
Marchev, Alfred, La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating device and producing it. 2,216,594; Oct. 1.
Marchev, Alfred, La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating apparatus. 2,222,984; Nov. 26.
Marchev, Alfred, La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating device. 2,225,421; Dec 17.
Marchev Alfred, La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating device. 2,225,749; Dec. 24.
Marchev, Alfred, La Grange, and H. P. Keil, assignors to Ditto Incorporated, Chicago, Ill. Spindle and band adapted to be wound thereon. 2,194,560; Mar. 26.
Marchev, Alfred, La Grange, and R. F. Morrison, Oak Park, assignors to Ditto, Incorporated, Chicago, Ill. Duplicating machine. 2,216,593; Oct. 1.
Marchev, Alfred, La Grange, and M. P. Neal, Villa Park, assignors to Ditto, Incorporated, Chicago, Ill. Duplicating apparatus. 2,220,255; Nov. 5.
Marchev, Alfred, La Grange, and C. C. McCain, Glen Ellyn, assignors to Ditto, Incorporated, Chicago, Ill. Sheet assembling machine. 2,222,983; Nov. 26.
Marchins, Steven T., San Pedro, Calif. Swing link swivel. 2,193,291; Mar. 12.
Marciano, Gerardo F., Providence, R. I., assignor to Universal Optical Corporation. Goggle. 2,208,336; July 16.
Marck, Joseph, Newark, N. J. Contact mechanism for electric alarms and the like. 2,214,232; Sept. 10.
Marco, Fred W., Berkeley, assignor to Laher Spring & Tire Corp., Oakland, Calif. Vehicle spring. 2,188,689; Jan. 30.
Marcos, Cleopatra, St. Paul, Minn. Carpet weaving frame. 2,219,268; Oct. 22.
Marcotte, Donald A. (See Bremner, Claude M., assignor.)
Marcotte, Maurice C., et al. (See Bremner, Claude M., assignor.)
Marcus, Alex. (See Monnia, E. F., and Marcus.)
Marcus, Charles, New York, N. Y., assignor to Eclipse Aviation Corporation, East Orange, N. J. Emergency throttle-control means for aircraft engines. 2,208,299; July 16.
Marcus, Harry, assignor to Marjo Co., Inc., Minneapolis, Minn. Fastener. 2,224,626; Dec. 10.
Marcus, Samuel, Jersey City, assignor to Margon Corporation, Bayonne, N. J. Rocking sleeping doll and eye mechanism therefor. 2,197,764; Apr. 23.
Marcus, Samuel, Jersey City, assignor to Margon Corporation, Bayonne, N. J. Doll eye with adjustable lash. 2,197,765; Apr. 23.
Marcus, Samuel, Jersey City, assignor to Margon Corporation, Bayonne, N. J. Doll and individual rolling eye therefor. 2,213,676; Sept. 3.
Mardel Corporation. (See Ladue, Ralph E., assignor.)
Marden, John W., East Orange, and M. G. Nicholson, Jr., South Orange, N. J., assignors, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Mercury vapor glow lamp. 2,199,956; May 7.
Marden, John W., East Orange, N. C. Beese, Verona, and G. Meister, Newark, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Tellurium lamp and method of operation. 2,215,648; Sept. 24.
Marden, William L., Jackson Heights, N. Y., assignor to Neptune Meter Company. Shutter for dispensing pumps. 2,191,892; Feb. 27.
Mardis, Earle J., Chicago, Ill. Rope thimble. 2,189,671; Feb. 6.
Marec, Edward, Cleveland, Ohio. Remote control device. 2,223,692; Dec. 3.
Marek, Leroy F., Lexington, assignor to A. D. Little, Incorporated, Cambridge, Mass. Manufacture of ammonium sulphate. 2,218,117; Oct. 15.
Maren, Roy V., Bakersfield, Calif. Vehicle brake. 2,215,058; Sept. 17.
Marggraf, Kurt, Berlin-Pankow, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Gyroscope. 2,219,998; Oct. 29.
Margles, Samuel G., Brooklyn, assignor to Otis Elevator Company, New York, N. Y. Moving stairway handrail drive. 2,211,427; Aug. 13.
Marglin, George, Port Washington, assignor to Aeroflex Laboratories, Incorporated, Long Island City, N. Y. Spark plug and making the same. 2,190,269; Feb. 13

Margolin, Meyer, Elgin, Ill. Resilient insole. 2,207,632; July 9.
Margolin, Morris N., Chicago, Ill. Inner sole. 2,200,849; May 14.
Margolis, Abraham E., London, England. District heating plant. 2,201,239; May 21.
Margon Construction Corporation. (See Marcus, Samuel, assignor.)
Mariani, Marty, assignor to Accurate Hardware Company, Inc., New York, N. Y. Lock. 2,208,592; July 23.
Marianno, Vito, New York, N. Y. Marine craft landing and launching device. 2,188,554; Jan. 30.
Marick, Howard E., and E. Schweitzer, Philadelphia, Pa. Needle holder. 2,195,316; Mar. 26.
Marick, Louis, Grosse Pointe Farms, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Pneumatic tire. 2,198,483; Apr. 23.
Maricle, Walter E. (See Hargrave, F. M., and Maricle.)
Marien, Charles A., assignor to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Piston skirt expander. 2,198,829; Apr. 30.
Marietta Concrete Corporation. (See Covey, Charles H., assignor.)
Marilyn Sandal Corporation. (See Cohen, Eli, assignor.)
Marin, Joseph M., Beverly Hills, Calif. Door check. 2,225,067; Dec. 17.
Marinello, Carl, Chicago, Ill. Truck body construction. 2,202,015; May 28.
Marinsky, Davis. (See Morin, L. H., and Marinsky.)
Marinsky, Davis, Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. End stop for separable fasteners. 2,192,013; Feb. 27.
Marinsky, Davis, Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Locking top stop for separable fasteners. 2,193,827; Mar. 19.
Marinsky, Davis, assignor to Whitehall Patents Corporation, Bronx, N. Y. Die for forming sliders of separable fasteners. 2,209,413; July 30.
Marinsky, Davis, assignor to Whitehall Patents Corporation, Bronx, N. Y. Forming separable fastener stringers. 2,212,545; Aug. 27.
Marinsky, Davis, Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Separable fastener stringer. 2,212,546; Aug. 27.
Marinsky, Davis, Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Fastener stringer. 2,218,089; Oct. 15.
Marinsky, Davis, assignor to Whitehull Patents Corporation, Bronx, N. Y. End stop for thermoplastic fasteners. 2,220,136; Nov. 5.
Marinsky, Davis, and L. H. Morin, Bronx, N. Y. Thread spool and constructing the same. 2,200,721; May 14.
Marinsky, Davis, and L. H. Morin, Bronx, assignors to Whitehall Patents Corporation, New York, N. Y. Manufacturing separable fasteners. 2,218,090; Oct. 15.
Marinsky, Davis, and L. H. Morin, Bronx, assignors to Whitehall Patents Corporation, New York, N. Y. Die casting die. 2,218,091; Oct. 15.
Marion, Harold G., and C. F. Reer, Bay City, Mich. Sectional track and anchoring it. 2,185,691; Jan. 2.
Marion Metal Products Company, The. (See Brady, James R., assignor.)
Marion Metal Products Company, The. (See Ehrick, W. F., and Garverick, assignors.)
Marion Steam Shovel Company, The. (See Jacoby, B., and Quigley, assignors.)
Maris, Elwood S., Upper Darby, Pa., assignor to Radio Corporation of America. Multiscale indicator. 2,193,107; Mar. 12.
Maris, James C. (See Fawcett, T. H., and Maris.)
Maris, James C., Glenolden, Pa. Steam distribution and control for locomotives. 2,187,571; Jan. 16.
Maris, James C., Glenolden, Pa. Locomotive. 2,191,407; Feb. 20.
Maris, James C., Glenolden, Pa. Engine truck stabilizer. 2,191,408; Feb. 20.
Maris, James C., Glenolden, Pa. Spring rigging for locomotive trailer trucks. 2,223,290; Nov. 26.
Maris, James C., Glenolden, Pa. Spring rigging construction. 2,223,291; Nov. 26.
Marjo Co. (See Marcus, Harry, assignor.)
Mark, Clayton, Jr. (See Windsor, J. F., and Mark.)
Mark, Clayton, & Company. (See Mark, Harry R., assignor.)
Mark, Clayton, & Company. (See Windsor, J. F., and Mark, assignors.)
Mark, Gustav, Herdeck, Germany. Supporting the printing cylinders of fabric printing machines. 2,206,968; July 9.
Mark, Harry R., Evanston, assignor to Clayton Mark & Company, Chicago, Ill. Pump rod coupling and making the same. 2,187,884; Jan. 23.
Mark, John. (See Ives, C. E., and Mark.)
Mark, Louis C., Providence, R. I., assignor to New England Glass Works. Locket construction. 2,185,641; Jan. 2.
Markel Electric Products, Inc. (See MacFadden, Glenn E., assignor.)
Markel, John M., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Plow. 2,188,413; Jan. 30.
Markel, Leon. (See Reynolds, F. L., Markel, and Siebert.)
Markell, Harold, Buffalo, N. Y. Card table. 2,222,985; Nov. 26.
Markell, Stanley, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,214,377; Sept. 10.
Markem Machine Company. (See Putnam, C. A. Robbins, and Cheeseman, assignors.)
Marker, Russell E., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Pregnandiols and obtaining them. 2,196,220; Apr. 9.
Marker, Russell E., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Producing pregnanone compounds. 2,216,978; Oct. 8.
Marker, Russell E., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Pregnanol-3-one-20 compounds and preparing them. 2,223,377; Dec. 3.
Marker, Russell E., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Organic keto alcohols and obtaining the same. 2,226,628; Dec. 31.
Marker, Russell E., and T. S. Oakwood, State College, Pa., assignors to Parke, Davis & Company, Detroit, Mich. Synthesizing therapeutic agents and products resulting therefrom. 2,202,704; May 28.
Marker, Russell E., D. M. Jones, and T. S. Oakwood, State College, Pa., assignors to Parke, Davis & Company, Detroit, Mich. Sterols of the male sex hormone type. 2,226,627; Dec. 31.
Market Forge Co. (See Beckwith, Leo M., assignor.)
Markey, George T. (See Olson, J. B., and Markey.)
Markey, John E., Aliquippa, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Preparing skelp for welding. 2,206,746; July 2.
Markey, John I. (See Mehan, M., and Markey.)
Markey, Roscoe I., East Orange, assignor to Pollak Manufacturing Company, Arlington, N. J. Joint for exhaust pipes. 2,206,414; July 2.
Markey, Roscoe I., East Orange, assignor to Pollak Manufacturing Company, Arlington, N. J. Supporting tail pipes. 2,219,655; Oct. 29.
Markey, Roscoe I., East Orange, assignor to Pollak Manufacturing Company, Arlington, N. J. Exhaust manifold system. 2,226,936; Dec. 31.
Markham, Charles E., East St. Louis, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,187,885; Jan. 23.
Markia Corporation. (See Goldmark, Peter C., assignor.)
Markle, Sidney H., Muskegon, Mich. Building block. 2,194,047; Mar. 19.
Markle, William C., Hutchinson, Kans. Windbreak for oil derricks. 2,196,704; Apr. 9.
Markley, Jonathan, assignor to The Bauer Brothers Company, Springfield, Ohio. Sealing ring for grinders. 2,214,707; Sept. 10.
Markley, Richard, Jr., Smyrna, and W. A. Cook, Wilmington, assignors to Wilson Cabinet Corporation, Smyrna, Del. Milk cooler. 2,188,839; Jan. 30.
Markoe, James, St. Paul, Minn., assignor to Foote Bros. Gear and Machine Corporation, Chicago, Ill. Hitch for road graders and the like. 2,188,188; Jan. 23.
Markowitsch, Gustav, et al. (See Mutz, Friedrich, assignor.)
Markowitz, Jack, assignor to Pennant Knitting Mills, Inc., Brooklyn. Knitted fabric. 2,201,269; May 21.
Markowitz, Jerome, Allentown, Pa. Low frequency oscillator. 2,190,078; Feb. 13.
Markowitz, Jerome, Allentown, Pa. Electronic pianoorgan. 2,205,571; June 25.
Marks, Alvin M., Whitestone, N. Y. Crystalline formation. 2,199,227; Apr. 30.
Marks, Alvin M., Whitestone, N. Y. Polarizing device. 2,220,111; Nov. 5.
Marks, Alvin M., Whitestone, N. Y. Manufacturing iodoalkaloids. 2,226,568; Dec. 31.
Marks, Barnard M., Upper Montclair, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic composition for use in interlayer sheets. 2,202,160; May 28.
Marks, Charles A., Elkhart, Ind. Microscopic revolving map. 2,187,947; Jan. 23.
Marks, Emanuel S., Cincinnati, Ohio, and M. L. Brown, Vanceburg, Ky., assignors to The L. V. Marks & Sons, Cincinnati, Ohio. Shoe and the manufacture thereof. 2,207,437; July 9.
Marks, Ernest M., Lansdowne, and J. W. Johnson, assignors to The Atlantic Refining Company, Philadelphia, Pa. Lubricant. 2,224,158; Dec. 10.
Marks, Jack. (See Govan, William A. J., assignor.)
Marks, L. V., & Sons, The. (See Marks, E. S., and Brown, assignors.)
Marks, Morris M. (See Eisenberg, Tobias, assignor.)
Marks, Murray J., New York, N. Y. Hat. 2,185,306; Jan. 2.
Marks Products Co. (See Grohsgal, Alexis C., assignor.)
Markson, Alfred A., Kew Gardens, N. Y. Control system for refrigerating apparatus. 2,208,947; July 23.
Markush, Eugene A., Jersey City, N. J., J. J. Malawista, Brooklyn, N. Y., and J. Miller, Newark, N. J., assignors to Pharma Chemical Corporation, New York, N. Y. Production of dibenzylsulphanilic acid. 2,208,678; July 23.
Markuson, Oscar S., Baltimore, Md., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Producing multiconductor signaling cables. 2,188,755; Jan. 30.
Markwick, Frederick H., assignor to The Sheffield Gage Corporation, Dayton, Ohio. Gauge. 2,213,767;
Markwood, William H., Jr. (See Downing, F. B., and Markwood.)

Marlborough, J. M., Millbury, and J. J. Morrison, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Spliced cable joint. 2,195,933; Apr. 2.
Marley Company, The. (See Mart, Leon T., assignor.)
Marlier, Madeline, executrix. (See Reinhold, Max R., assignor.)
Marlies, Charles A. (See Wunsch, J. A., and Marlies.)
Marlo Company, The. (See Miller, Norman B.)
Marlow, Alfred S. (See Stratton, Albert C., assignor.)
Marmon-Herrington Company. (See Herrington, Arthur W., assignor.)
Marone, Richard, assignor of one-half to A. Felber, Corona, N. Y. Terminal housing for gaseous-discharge lamps. 2,208,812; July 23.
Marple, Rollo, assignor to Hancock Manufacturing Company, Jackson, Mich. Locking device. 2,195,179; Mar. 26.
Marple, Rollo, assignor to Hancock Manufacturing Company, Jackson, Mich. Locking device. 2,198,548; Apr. 23.
Marple, Rollo, assignor to Hancock Manufacturing Company, Jackson, Mich. Locking device. 2,198,549; Apr. 23.
Marquardt, Anna B., geb. Meder, assignor to Clemenz Kreger, G. m. b. H., Marienberg, Saxony, Germany. Small size electroapparatus to be used as toys and for educational and domestic purposes. 2,210,629; Aug. 6.
Marquardt, Peter. (See Hoffmann, F., and Marquardt.)
Marquardt, Samuel J., Monroeville, Ind. Dehairing machine. 2,201,297; May 21.
Marquis, Albert J., Niagara Falls, N. Y. Talking doll. 2,218,044; Oct. 15.
Marr, Rizal M. (See Armstrong, N. H., and Marr.)
Marran, John S., Stamford, Conn., assignor to The Miller-Bryant-Pierce Company, Aurora, Ill. Carbon paper holder. 2,220,377; Nov. 5.
Marriage, Anthony, Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. Colored photographic image from hydrazine compounds. 2,196,734; Apr. 9.
Marriott, Roscoe R., Bingham Canyon, Utah. Fender, grille, and light protector. 2,210,091; Aug. 6.
Marriott, Sherman G., Portland, Oreg. Bun toasting machine. 2,225,068; Dec. 17.
Marrison, Warren A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,193,427; Mar. 12.
Marrison, Warren A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,211,020; Aug. 13.
Mars, Donald H. (See Ross, W. P. V., and Mars.)
Mars, Georg, Csepel at Budapest, Hungary. Apparatus for treating materials under reduced pressure. 2,193,034; Mar. 12.
Marsack, Max, assignor, by mesne assignments, to Marsack Patents Corporation, Milwaukee, Wis. Mattress. 2,192,234; Mar. 5.
Marsack, Max, assignor to Marsack Patents Corporation, Milwaukee, Wis. Mattress. 2,204,863; June 18.
Marsack Patents Corporation. (See Marsack, Max, assignor.)
Marsak, Bernard, Laurelton, Long Island, N. Y. Vacuum breaker. 2,200,033; May 7.
Marsalis, Martin E., Fort Worth, Tex. Ventilator. 2,193,877; Mar. 19.
Marschner, Robert F., assignor to Standard Oil Company, Chicago, Ill. Conversion of hydrocarbon gases. 2,199,133; Apr. 30.
Marschner, Robert F., assignor to Standard Oil Company, Chicago, Ill. Producing high antiknock motor fuels. 2,213,345; Sept. 3.
Marsden, George P., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Fruit orientor. 2,195,628; Apr. 2.
Marsh, Albert M., Delafield, and Ernest C. Shaw, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Battery system of roller mills. 2,213,445; Sept. 3.
Marsh, Charles T., Vancouver, British Columbia, Canada. Finger exercising device. 2,222,180; Nov. 19.
Marsh, Daniel, Union Township, Union County, N. J. Fixture. 2,215,331; Sept. 17.
Marsh, Esli A., Oswego, assignor to St. Regis Paper Company, New York, N. Y. Tape applying and cutting apparatus. 2,199,005; Apr. 30.
Marsh, Harry M., Hamilton, Ontario, Canada, assignor to The Bahnson Company, Winston-Salem, N. C. Humidifier system. 2,213,167; Aug. 27.
Marsh, Henry R., Waltham, assignor to Saco-Lowell Shops, Boston, Mass. Thread package. 2,210,839; Aug. 6.
Marsh, Howard E., Ventura, Calif. Door check. 2,194,287; Mar. 19.
Marsh, Howard E., Ventura, Calif. Automobile door latch operating means. 2,201,444; May 21.
Marsh, Howard E., Ventura, Calif. Door hinge. 2,212,882; Aug. 27.
Marsh, Howard E., Ventura, Calif. Hydraulic brake. 2,225,069; Dec. 17.
Marsh, Howard E., and G. Smith, Ventura, Calif. Automatic signaling apparatus. 2,188,055; Jan. 23.
Marsh, James, assignor of one-half to R. Ladd, Rockford, Ill. Door lock. 2,209,574; July 30.
Marsh, Jas. P., Corporation. (See Rose, A. D., and Yonkers, assignors.)
Marsh, John W., Alexandria, Va., assignor to Magee-Marsh Corporation. Power transmission. 2,205,300; June 18.
Marsh, Leona E. (See Brennan, J. B., and Marsh.)
Marsh, Walter H., Crafton, assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Compensated register drive. 2,191,766; Feb. 27.
Marsh, Walter H., Crafton, assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Fluid flow mechanism. 2,196,931; Apr. 9.
Marsh, Walter H., Crafton, assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Fluid meter. 2,216,016; Sept. 24.
Marsh, William J., Niagara Falls, assignor to Hooker Electrochemical Company, New York, N. Y. Liquid coating for gas filtering mediums. 2,211,468; Aug. 13.
Marshall, Albert E., New York, N. Y., assignor to Plaskon Company, Incorporated, Toledo, Ohio. Making composite structures. 2,193,635; Mar. 12.
Marshall, Albert E., New York, N. Y., assignor to Tolco, Incorporated, Toledo, Ohio. Preservation of fruit. 2,193,636; Mar. 12.
Marshall, Charles O., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,213,587; Sept. 3.
Marshall, Charles O., and L. S. Williams, Toledo, Ohio, assignors to Toledo Scale Company. Percentage indicating scale. 2,208,556; July 16.
Marshall, Clinton E., Bronx, N. Y. Pen and pencil clip. 2,188,151; Jan. 23.
Marshall, Donald A., Toronto, Ontario, Canada, assignor to Parts Manufacturing Company, Detroit, Mich. Forming ornamental strip metal. 2,202,295; May 28.
Marshall, Edward T., Johnstown, Pa. Safety switch operator. 2,194,831; Mar. 26.
Marshall, Frank H., assignor to Ideal Roller & Manufacturing Company, Chicago, Ill. Method of and apparatus for surfacing inking rolls. 2,213,712; Sept. 3.
Marshall, Harry B. (See Britton, E. C., Marshall, and Le Fevre.)
Marshall, Horace E. (See Maxwell, C., and Marshall.)
Marshall & Ilsley Bank. (See Hanson, Roy E., assignor.)
Marshall & Ilsley Bank. (See Piazze, Thomas E., assignor.)
Marshall, James E., assignor to Western Cartridge Company, New Haven, Conn. Roller skate. 2,218,209; Oct. 15.
Marshall, James F., Auburn, N. Y. Shoe construction and making same. 2,200,579; May 14.
Marshall, John. (See Johnston, Norman F., assignor.)
Marshall, John F. (See Crouse, C. D., and Marshall.)
Marshall, Laurence K. (See Spencer, P. L., and Marshall.)
Marshall, Laurence K., Cambridge, assignor to Raytheon Manufacturing Company, Newton, Mass. Multiphase gaseous discharge control tube system. 2,213,226; Sept. 3.
Marshall, Leon J., et al. (See Davis, Wilbur A., assignors.
Marshall, Leslie H., Fullerton, Calif., assignor to J. Regan, as trustee. Quick-detachable electrical connection. 2,200,993; May 14.
Marshall, Myron B., Jr., St. Albans, N. Y., assignor to General Electric Company. Control device. 2,214,640; Sept. 10.
Marshall, Riley W., Kansas City, Mo. Hair clipper. 2,194,048; Mar. 19.
Marshall, Samuel W., Jr., Dallas, Tex. Rotary well drilling apparatus. 2,215,047; Sept. 17.
Marshall, Walton H., Jr., Nutley, N. J., assignor to The M. W. Kellogg Company, New York, N. Y. Production of hydrogen. 2,198,560; Apr. 23.
Marshall, William, assignor to Briggs Manufacturing Company. Detroit, Mich. Trim fastener. 2,185,816; Jan. 2.
Marshall, William, assignor to Briggs Manufacturing Company, Detroit, Mich. Trim fastener. 2,208,727; July 23.
Marshall, William F. (See Day, J. C., and Marshall.)
Marshalltown Manufacturing Company. (See Ruopp, George F., assignor.)
Marshaus, Anthony J., East Cleveland, Ohio, assignor to General Electric Company. Tubular lamp base and socket. Re. 21,545; Aug. 27.
Marsilius, Newman M., Bridgeport, Conn., assignor, by mesne assignments, to Van Norman Machine Tool Company, Springfield, Mass. Hand milling machine. 2,202,425; May 28.
Marsom, Ernest, Royal Oak, and J. A. Wells, Flint, assignor of one-half to W. Wild, Clare, and one-half to H. Reetz, Flint, Mich. Foot operated signal switch. 2,209,575; July 30.
Marsten, Jesse, assignor to International Resistance Company, Philadelphia, Pa. Power control apparatus. 2,201,686; May 21.
Marsten, Jesse, assignor to International Resistance Company, Philadelphia, Pa. Resistor construction. 2,218,204; Oct. 15.
Marston, Candace C., Bungay, England. Cyclone separator. 2,219,711; Oct. 29.
Mart, Leon T., Mission Township, Johnson County, Kans. Cooling tower. 2,191,938; Feb. 27.
Mart, Leon T., Johnson County, assignor to The Marley Company, Kansas City, Mo. Cooling tower condenser. 2,201,834; May 21.

Martel, Edward F., assignor of one-third to J. H. Duncan, Lewiston, Maine. Liquid fuel supply system. 2,208,995; July 23.

Martel, Gervis, Eunice, La. Cotton planter. 2,187,861; Jan. 23.

Martel, Hector E., Gomez Mena Sugar Mill, Cuba. Clarifying device. 2,208,427; July 16.

Martellotti, Mario E., assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Backlash eliminator. 2,191,131; Feb. 20.

Martellotti, Mario E., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Pattern controlled milling machine. 2,199,465; May 7.

Martellucci, Alfiero, Westons Mills, N. Y. Automatic casting device for fish rods. 2,218,045; Oct. 15.

Martenis, William W., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Stoker control. 2,209,298; July 23.

Martens, Albert. (See Fockler, T. C., and Martens.)

Martens, Cecil H. (See Martens, Robert L. and C. H.)

Martens, Robert L. and C. H., Clearwater, Kans. Bearing device for reciprocal motions. 2,207,466; July 9.

Marthaler, John J., St. Paul, Minn. Chair base. 2,218,583; Oct. 22.

Marthis, Edith. (See Wittigschlager, Wilhelmina, assignor.)

Marti Bros. (See Patterson, Edie J., assignor.)

Marti, Fritz, La Chaux-de-Fonds, Switzerland. Mechanism for limiting the calling possibilities of a telephone apparatus. 2,216,850; Oct. 8.

Marti, Fritz, La Chaux-de-Fonds, Switzerland. Tight winding device. 2,218,889; Oct. 22.

Martienssen, Oscar, Kiel, Germany. Arrangement for measuring the local specific resistance of borehole strata. 2,212,273; Aug. 20.

Martienssen, Oscar, Kiel, Germany. Exploring the porosity of geologic strata traversed by boreholes. 2,212,274; Aug. 20.

Martin, Albert V., Elmwood Park, Ill. Fire extinguisher. 2,187,980; Jan. 23.

Martin, Alfred M., Park Ridge, Ill. Loose-leaf handling means. 2,193,181; Mar. 12.

Martin, André L., Paris, France. Machine for shaping wires which are intended for binding perforated leaflets. 2,190,722; Feb. 20.

Martin, Angus A., Dorchester, Mass. Latch. 2,189,672; Feb. 6.

Martin, Angus A., Dorchester, Mass. Hair cutting instrument. 2,217,760; Oct. 15.

Martin, Angus A., Dorchester, Mass. Hair cutting instrument. 2,222,317; Nov. 19.

Martin, Archworth, Pittsburgh, Pa. Apparatus for forming fabric structures. 2,214,378; Sept. 10.

Martin, Arthur S., Santa Ana, Calif. Dual accelerator control for automotive vehicles. 2,226,569; Dec. 31.

Martin Brothers Electric Company, The. (See Martin, Wendell L., assignor.)

Martin, Cary W., Los Angeles, Calif. Antenna system. 2,200,396; May 14.

Martin, Cary W., Los Angeles, Calif. Extensible aerial. 2,211,858; Aug. 20.

Martin, Charles A., Buffalo, N. Y. Machine for cutting tile and like articles. 2,213,011; Aug. 27.

Martin, Charles H., Argos, Ind., assignor of one-half to H. L. Ludwig and Son, Inc. Detachable vehicle wheel. 2,205,301; June 18.

Martin, Clair H. (See Farnsworth, W. H., and Martin.)

Martin, Clair H., and E. C. Hardy, Manistee, Mich., assignors to Morton Salt Company, Chicago, Ill. Preparation of bromates. 2,191,574; Feb. 27.

Martin, Clyde J., assignor to Dresser Manufacturing Company, Bradford, Pa. Lightweight coupling follower. 2,225,750; Dec. 24.

Martin, Dana W., Stow, assignor to Norton Company, Worcester, Mass. Form truing. 2,187,690; Jan. 16.

Martin, David, Pittsburgh, Pa. Making building blocks. 2,201,298; May 21.

Martin, Edward J., East Chicago, and J. H. Kirk, Hammond, Ind., assignors to Sinclair Refining Company, New York, N. Y. Lubricating oil. 2,209,165; July 23.

Martin, Edward L., Providence, R. I., assignor to H & B American Machine Company. Apparatus for drafting textile slivers or rovings. 2,206,232; July 2.

Martin, Elmore L., Wilmington, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric sulphonamide, preparing it, and a filament made therefrom. 2,223,916; Dec. 3.

Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller balancing means. 2,186,199; Jan. 9.

Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller control means. 2,226,316; Dec. 24.

Martin, Eugene, Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 2,191,112; Feb. 20.

Martin, Eugene, Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 2,191,113; Feb. 20.

Martin, Floyd C., assignor to L. A. Martin, Jamestown, N. Y. Deflector for windshields. 2,223,378; Dec. 3.

Martin, Frank B., Moores, Pa., assignor, by mesne assignments, to American Viscose Corporation. Shipping container. 2,185,920; Jan. 2.

Martin, Frank S., Ames, Iowa, and M. T. Kelley, St. Louis, Mo., assignors to Precision Scientific Company, Chicago, Ill. Testing apparatus. 2,186,727; Jan. 9.

Martin, Fred P. (See Thomas, Frank S., assignor.)

Martin, Fred P., Topeka, Kans. Mowing machine. 2,187,981; Jan. 23.

Martin, Frederick H., Belmont, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Sole. 2,223,073; Nov. 26.

Martin, Friedrich, Oberhausen, R. Jung, Oberhausen-Sterkrade, and H. Tramm, Oberhausen-Holten, assignors to Ruhrchemie Aktiengesellschaft, Oberhausen-Holten, Germany. Heat treating gases. 2,186,590; Jan. 9.

Martin, George A. (See Nash, L. W., and Martin.)

Martin, George A., assignor to Dexter Folder Company, Pearl River, N. Y. Sheet feeder. 2,218,401; Oct. 15.

Martin, George A., Pearl River, assignor to Dexter Folder Company, Pearl River, N. Y. Sheet feeder. 2,221,981; Nov. 19.

Martin, George D., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Coating composition. 2,209,088; July 23.

Martin, George D., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Treatment of fatty compositions and product. 2,225,124; Dec. 17.

Martin, George D., Nitro, W. V., assignor to Monsanto Chemical Company, St. Louis, Mo. Coating composition. 2,225,918; Dec. 24.

Martin, George D., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Coating composition. 2,225,919; Dec. 24.

Martin, George D., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Coating composition. 2,225,920; Dec. 24.

Martin, George F., Jr. (See Baker, Roger W., assignor.)

Martin, George T. (See Lomax, C. E., and Martin.)

Martin, Glenn L., Company, The. (See Barlow, E. P., and Cramer, assignors.)

Martin, Glenn L., Company, The. (See Bell, Ralph L., assignor.)

Martin, Glenn L., Company, The. (See Dale, Hubert S., assignor.)

Martin, Glenn L., Company, The. (See Driggs, Ivan H., assignor.)

Martin, Glenn L., Company, The. (See Overbeke, John W., assignor.)

Martin, Glenn L., Company, The. (See Phillips, Michael J., assignor.)

Martin, Glenn L., Company, The. (See Tormollan, Owen E., Jr., assignor.)

Martin, Glenn L., Company, The. (See Watter, Michael, assignor.)

Martin, Hans, assignor to Olympia Buromaschinenfabrik A. G., Erfurt, Germany. Fastening machine elements on a shaft. 2,226,777; Dec. 31.

Martin-Hardscog Company. (See Anderson, Cecil R., assignor.)

Martin, Harold K., Beaver Dams, N. Y., assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Production of fiber glass. 2,227,357; Dec. 31.

Martin, Harold W., Malverne, assignor to American Seal-Kap Corporation of Delaware, Long Island City, N. Y. Milk bottle cap and method of making the same. 2,221,197; Nov. 12.

Martin, Henry F., assignor to Detroit Hoist and Machine Company, Detroit, Mich. Hoisting apparatus. 2,189,447; Feb. 6.

Martin, Henry, and R. Hirt, assignors to the firm J. R. Geigy A. G., Basel, Switzerland. Manufacturing aminoketones. 2,205,728; June 25.

Martin, Henry, and R. Hirt, assignors to the firm J. R. Geigy A. G., Basel, Switzerland. Aminoaryl sulphones and their manufacture. 2,207,021; July 9.

Martin, Henry, Basel, and H. H. Zaeslin, Riehen, near Basel, assignors to J. R. Geigy A. G., Basel, Switzerland. Water-soluble nitrogenous compounds and their manufacture. 2,211,280; Aug. 13.

Martin, Henry, and R. Hirt, assignors to the firm J. R. Geigy S. A., Basel, Switzerland. Thioacetalsulphonic acids and making same. 2,223,693; Dec. 3.

Martin, Herbert E., and D. A. Ensor, Cumberland, Md., assignors to Celanese Corporation of America. Purification of organic substitution derivatives of cellulose. 2,188,392; Jan. 30.

Martin, Herschel B., Brooklyn, N. Y., assignor to Radio Corporation of America. Regulator for time delay circuits. 2,203,468; June 4.

Martin, Horace C., Middlesboro, Ky. Napped elastic fabric. 2,194,860; Mar. 26.

Martin, Horace C., Middlesboro, Ky. Glove or like article. 2,194,861; Mar. 26.

Martin, Hulda C., Milldale, Conn. Window box. 2,223,074; Nov. 26.

Martin-Hurst, William F. F., and J. A. H. Sargeaunt, assignors to The British Thermostat Company Limited, Sunbury-on-Thames, England. Temperature control device for internal combustion engines. 2,202,705; May 28.

Martin, Irl C., and H. W. Thorell, assignors to Woodward Governor Company, Rockford, Ill. Cabinet type actuator governor. 2,209,987; Aug. 6.

Martin, Jack, Weatherford, Tex. Releasing overload spring. 2,209,632; July 30.

Martin, James. (See Drader, J. C., and Martin.)

Martin, James W., Yonkers, N. Y. Vending machine for frozen confections and vending belt therefor. 2,186,302; Jan. 9.
Martin, Jerome, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Prolamin solutions and preparing same. 2,206,819; July 2.
Martin, Jerome, and E. B. Hodge, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Cyclic process for the production of nitroparaffins. Re. 21,657; Dec. 10.
Martin, Jessie W., Reform, Ala. Attachment for plows. 2,216,085; Sept. 24.
Martin, John B., Glen Ridge, N. J. Display carton. 2,209,657; July 30.
Martin, John E., Minneapolis, Minn. Holder. 2,202,957; June 4.
Martin, John E., and E. E. Hollander, Newark, and E. E. Hollander, Arlington, assignors to Star Equipment Corporation, Bloomfield, N. J. Laundry apparatus. 2,223,998; Dec. 3.
Martin, John L. (See Mathias, John W., assignor.)
Martin, John R., assignor to A. J. and K. T. Penick, both of Houston, Tex. Union. 2,212,571; Aug. 27.
Martin, Joseph, Laurelton, assignor to United States Cabinet Bed Co., Brooklyn, N. Y. Couch bed. 2,210,421; Aug. 6.
Martin, Joseph, Laurelton, assignor to United States Cabinet Bed Co., Brooklyn, N. Y. Mattress. 2,216,537; Oct. 1.
Martin, Joseph A. (See Vickers, H. F., Moser, and Martin.)
Martin, Joseph A., assignor to Vickers Incorporated, Detroit, Mich. Sealing ring. 2,204,507; June 11.
Martin, Joseph H., Roanoke, Va. Lens grinder. 2,212,179; Aug. 20.
Martin, Lawrence R. (See Drotning, H. O., and Martin.)
Martin, Lawrence R. (See Lechleitner, A. E., and Martin.)
Martin, Lawrence R., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic apparatus. 2,186,611; Jan. 9.
Martin, Leslie T., and C. E. Dodson, Kansas City, Mo. Golf practicing device. 2,201,697; May 21.
Martin, Lillian A. (See Martin, Floyd C., assignor.)
Martin, Louis L., Toronto, Ontario, Canada. Tobacco pipe. 2,227,358; Dec. 31.
Martin, Lynn P. (See Wright, H. S., and Martin.)
Martin, Michael A., Erie, Pa. Beer cooling system and apparatus. 2,199,503; May 7.
Martin, Michael J., Armadale, Victoria, Australia. Rapid sand filter. 2,199,891; May 7.
Martin, Murrel W. (See Waisner, W. W., Martin, and Lantz.)
Martin, Norman F. (See Dreisbach, R. H., and Martin.)
Martin, Otis C., Los Angeles, Calif., assignor to Electrical Research Products, Inc. Electroresponsive light valve. 2,200,797; May 14.
Martin-Parry Corporation. (See Small, Frederick M., assignor.)
Martin, Paul N., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,199,957; May 7.
Martin, Peter F., South Ozone Park, N. Y. Valve. 2,198,122; Apr. 23.
Martin, Perry S., Harrisonburg, and C. C. Turner, Timberville, Va. Draft damper. 2,212,298; Aug. 20.
Martin, Perry S., Harrisonburg, and C. C. Turner, Broadway, assignors to Shenandoah Equipment Corporation, Harrisonburg, Va. Wood-burning brooder stove. 2,223,694; Dec. 3.
Martin, Robert D. (See Mulloy, O. L., and Martin.)
Martin, Robert P., Seattle, assignor to Robert B. Jose, Everett, Wash. Cam mechanism. 2,213,739; Sept. 3.
Martin, Robert W., assignor to Hercules Powder Company, Wilmington, Del. Hydrogenation catalyst and preparing the same. 2,207,868; July 16.
Martin, Samuel M., Jr., Trenton, assignor to Thiokol Corporation, Yardville, N. J. Composition and process for making a flexible product. 2,219,550; Oct. 29.
Martin & Schwartz, Inc. (See Benzin, Harry C., assignor.)
Martin-Schwartz, Inc. (See Lear, Joseph D., assignor.)
Martin & Schwartz, Inc. (See Nelson, David J., assignor.)
Martin & Schwartz, Inc. (See Pleuthner, Charles, assignor.)
Martin, Stanley D., Waltham, Mass. Wall hydrant. 2,210,986; Aug. 13.
Martin, Steve L. (See Flutsch, R. H., and Martin.)
Martin, Stoddard B., Lakewood, Ohio. Pusher. 2,187,089; Jan. 16.
Martin, Stoddard B., Lakewood, Ohio. Pusher. 2,187,090; Jan. 16.
Martin, Stoddard B., Lakewood, Ohio. Pusher. 2,218,402; Oct. 15.
Martin, Thomas B., Ithaca, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Variable speed transmission. 2,187,835; Jan. 23.
Martin, Thomas E., Charles City, Iowa, assignor to Oliver Farm Equipment Company. Air intake for air cleaners. 2,197,503; Apr. 16.
Martin, Traugott, Paterson, N. J. Narrow ware loom. 2,221,146; Nov. 12.
Martin, Victor S. (See Girard, B. P., Barrans, and Martin.)
Martin, Victor S., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for assembling strands. 2,200,961; May 14.
Martin, Wade B., Westwood, N. J., assignor to American Telephone and Telegraph Company. Teletypewriter system. 2,208,192; July 16.
Martin, Walter R., Long Beach, Calif. Multiple drilling gauge. Re. 21,482; June 11.
Martin, Walter R., Long Beach, Calif. Pressure gauge with protecting and pulsation damping means. 2,216,374; Oct. 1.
Martin, Wendell L., Cleveland, Ohio, assignor, by mesne assignments, to International Register Company, Chicago, Ill. Cutting machine. 2,193,878; Mar. 19.
Martin, Wendell L., Shaker Heights, assignor to The Martin Brothers Electric Company, Cleveland, Ohio. Making shearing plates. 2,220,166; Nov. 5.
Martin, Wendell L., Shaker Heights, assignor to The Martin Brothers Electric Company, Cleveland, Ohio. Making razor heads. 2,223,768; Dec. 3.
Martin, William, Providence, R. I. Insect guard for windows. 2,209,738; July 30.
Martin, William A. (See Elledge, Rex J., assignor.)
Martin, William F., Amarillo, Tex. Calculator. 2,212,323; Aug. 20.
Martin, William H., Detroit, Mich. Welder. 2,193,977; Mar. 19.
Martin, William H., Chappaqua, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,195,317; Mar. 26.
Martin, William McK., Maywood, Ill., assignor, by mesne assignments, to Canning Industry Research, Inc., Washington, D. C. Method of and apparatus for grading peas or the like. 2,227,226; Dec. 31.
Martin, William T., assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Machine for forming packages. 2,189,347; Feb. 6.
Martin, William W. (See Ellen, H. J., and Martin.)
Martina, Joseph D., Newark, assignor to The Sun Tube Corporation, Hillside, N. J. Method of and apparatus for making collapsible containers. 2,188,912; Feb. 6.
Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Manufacture of electrical coils. 2,218,118; Oct. 15.
Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Coil winding machine. 2,220,256; Nov. 5.
Martine, Edmund S., Los Angeles, Calif. Submersible chamber. 2,190,330; Feb. 13.
Martinek, Alois L., Bronson, Mich., assignor to Kingston Products Corporation, Kokomo, Ind. Electrical connection means. 2,195,279; Mar. 26.
Martinek, Alois L., Bronson, Mich., assignor to Kingston Products Corporation, Kokomo, Ind. Terminal receptacle. 2,226,869; Dec. 31.
Martinek, Joseph "S", San Diego, Calif. Clamping apparatus. 2,206,328; July 2.
Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Suction cleaner nozzle and adjustable brush therefor. 2,199,643; May 7.
Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Suction cleaner nozzle adjustment signal. 2,201,835; May 21.
Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Suction cleaner. 2,203,171; June 4.
Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Nozzle adjusting construction. 2,203,537; June 4.
Martinet, Eugene F., Cleveland, and E. J. Kasper, East Cleveland, assignors to The P. A. Geier Company, Cleveland, Ohio. Self-aligning bearing. Re. 21,415; Apr. 2.
Martini, Hans. (See Dierichs, A., and Martini.)
Martini, Hans. (See Teichmann, L., and Martini.)
Martinka, Michael, Duisburg, Germany. Combustion engine and the operation thereof. 2,186,706; Jan. 9.
Martino, William, Detroit, Mich. Valve stem cap. 2,216,125; Oct. 1.
Martinson, Oscar J., assignor to Bucyrus Monighan Company, Chicago, Ill. Dragline excavator. 2,214,026; Sept. 10.
Martinson, Raymond W., Suttons Bay, Mich. Embalming clamp. 2,215,725; Sept. 24.
Martisius, Joseph, Grand Rapids, Mich. Window structure. 2,213,989; Sept. 10.
Marton, Ladislaus, Collingswood, N. J., assignor to Radio Corporation of America. Photographic device for vacuum apparatus. 2,200,095; May 7.
Marton, Ladislaus, Collingswood, N. J., assignor to Radio Corporation of America. Making electronic photomicrographs. 2,206,415; July 2.
Marton, Ladislaus, Collingswood, N. J., assignor to Radio Corporation of America. Electron microscope. 2,220,973; Nov. 12.
Martone, Thomas A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo pigment composition. 2,224,574; Dec. 10.
Martone, Thomas A., and C. S. Rowe, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resin printing ink. 2,210,461; Aug. 6.

Marty, John M., Parma, Ohio. Apparatus for food preparation. 2,199,504; May 7.
Marucco, Joseph P. (See Reedy, H. J., and Marucco.)
Maruoka, Takeshi. (See Nicoll, J. S., Giles, Maruoka, Butler, and Countryman.)
Marushko, Nicholai, assignor to F. Piatanesi Accordion Mfg. Co., Chicago, Ill. Accordion. 2,219,598; Oct. 29.
Marvel, Carl S. (See Zellhoefer, G. F., and Marvel.)
Marvel, Carl S., Urbana, Ill., and D. S. Frederick, Swarthmore, Pa.; said Frederick assignor to said Marvel. Polymeric condensation products. 2,201,544; May 21.
Marvel Equipment Corporation. (See Lawler, Jack A., assignor.)
Marvel Equipment Corporation. (See Roethel, John H., assignor.)
Marvel, Harvey E., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Method and apparatus for introducing solids into a pressure system. 2,216,921; Oct. 8.
Marvelash Co. Inc. (See Sneirson, Amuel L., assignor.)
Marvin, Granville F., Emmett, Idaho. Amusement apparatus. 2,192,476; Mar. 5.
Marvin, John T. (See Davis, J. H., Koehring, and Marvin.)
Marvin, John T. (See Prutton, C. F., and Marvin.)
Marvin Metals, Inc. (See Marvin, Orrin F., assignor.)
Marvin, Orrin F., Glendale, assignor to Marvin Metals, Inc., Los Angeles, Calif. Manufacturing of lead compounds. 2,187,749; Jan. 23.
Marvin, Orrin F., assignor to Marvin Metals, Inc., Los Angeles, Calif. Treatment of ores. 2,187,750; Jan. 23.
Marvin, Stanley, San Francisco, assignor to B. E. Witkin, Oakland, Calif. Laundry press. 2,186,490; Jan. 9.
Marvin, Stanley, San Francisco, assignor, by mesne assignments, to B. E. Witkin, Oakland, Calif. Laundry press. 2,205,597; June 25.
Marx, Frank X., assignor to Harry S. Manchester, Inc., Madison, Wis. Telescopic amusement device. 2,222,084; Nov. 19.
Marx, Louis, & Company. (See Bonnett, J., and Schillace, assignors.)
Marx, Louis, & Company. (See Case, N. L., and Franklin, assignors.)
Marx, Louis, & Company. (See Lohr, R. J., and Carver, assignors.)
Marx, Louis, & Company. (See McKeige, E. E., and Case, assignors.)
Marx, Louis, & Company. (See Pasek, Walter L., assignor.)
Marx, Louis, & Company. (See Rexford, Willis E., assignor.)
Marx, Louis, & Company. (See Rexford, W. E., and Lohr, assignors.)
Marx, Louis & Company. (See Schillace, A., and Daily, assignors.)
Marx, Louis, & Company. (See Smith, Anthony N., assignor.)
Marx, Siegfried, New York, N. Y. Foldable headrest. 2,197,343; Apr. 16.
Marx, Walter S., Jr., Los Angeles, Calif., assignor to Printing Arts Research Laboratories, Inc. Photoengraving. 2,191,939; Feb. 27.
Maryland Baking Company. (See Balton, James, assignor.)
Marzetti, Manlio, assignor to Fabrica Italiana Magneti Marelli Soc. An., Milan, Italy. Tube holder. 2,195,180; Mar. 26.
Marzilli, Gaetano J., Apponaug, R. I. Automobile clothes hanger. 2,219,076; Oct. 22.
Marzoli, Andrew, Union City, N. J. Admixture for concrete or cement. 2,199,920; May 7.
Mascarini, Giovanni. (See Cristiani, L., and Mascarini.)
Maschinenfabrik Augsburg-Nuremberg A. G. (See Fischer, Hans, assignor.)
Maschinenfabrik Augsburg-Nürnberg A. G. (See Garve, A., and Kurtz, assignors.)
Maschinenfabrik Augsburg-Nürnberg A. G. (See Grantz, S., and Lindner, assignors.)
Maschinenfabrik Augsburg-Nürnberg A. G. (See Kurtz, O., and Garve.)
Maschinenfabrik Augsburg-Nürnberg A. G. (See Leser, O., Garve, and Kurtz, assignors.)
Maschinenfabrik Augsburg-Nurnberg A. G. (See Lindner, W., and Grantz, assignors.)
Maschinenfabrik Augsburg-Nürnberg A. G. (See Schütte, Alfred, assignor.)
Maschinenfabrik Einsiedel. (See Hoeppner, Hellmuth, assignor.)
Maschinenfabrik Einsiedel G. m. b. H. (See Hoppner, Hellmuth, assignor.)
Maschinenfabrik Oerlikon. (See Giger, Walter A., assignor.)
Maschinen-und Metallwaren-Handelsgesellschaft m. b. H. (See Süss, Heinrich, assignor.)
Maschinenwerke zu Frankfurt a. M. vorm. Kolb, Rieber & Co. G. m. b. H. (See Heil, Karl, assignor.)
Masengill, Chas. H. (See Bedwell, Allen C., assignor.)
Maskow, Abe. (See Apfelbaum, Herman, assignor.)
Masland, Frank E., Jr., Carlisle, Pa. Nub pile fabric. 2,212,744; Aug. 27.
Masler, Abraham, Brooklyn, N. Y. Presser foot attachment for sewing machines. 2,202,059; May 28.
Maslow, Louis, Brooklyn, N. Y. Whip. 2,208,337; July 16.
Masnou, Maurice J. L. (See Barrey, Etienne, assignor.)
Mason, Carl T., Chicago, Ill. Antenna mast. 2,200,338; May 14.
Mason, Charles R., Schenecetady, N. Y., assignor to General Electric Company. Protective arrangement for electric power circuits. 2,214,858; Sept. 17.
Mason, Clesson E., assignor to The Foxboro Company, Foxboro, Mass. Control apparatus. 2,216,039; Sept. 24.
Mason, Dennis A., Morgantown, W. Va. Machine for balancing tires. 2,197,808; Apr. 23.
Mason, Elmer L., Barnesville, Ohio. Electric fuse. 2,196,638; Apr. 9.
Mason, Frank. (See Myers, T. G., and Mason.)
Mason, Frank. (See Myers, T. G., Pfleger, and Mason.)
Mason, Frank, Chicago, Ill., and G. T. Pfleger, Los Angeles, Calif., assignors to U. S. Electrical Motors, Inc. Variable speed drive. 2,196,606; Apr. 9.
Mason, Frank E., White River Junction, Vt. Measuring device to determine the symmetrical size of extremities. 2,205,626; June 25.
Mason, Frank M., Brooklyn, N. Y., assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Submersible structure. 2,194,561; Mar. 26.
Mason, Fred, Covington, Ky., assignor to Nu Tone Chimes Inc., New York, N. Y. Tubular chime. 2,219,036; Oct. 22.
Mason, Fred, Covington, Ky., assignor to Nutone Chimes Inc., New York, N. Y. Musical chime. 2,227,227; Dec. 31.
Mason, Howard F., assignor of one-half to A. Slater, Los Angeles, Calif. Parking device and method of operating. 2,204,023; June 11.
Mason, James O., Chillicothe, assignor, by mesne assignments, to K-C-M Company, Dayton, Ohio. Paper manufacture. 2,186,874; Jan. 9.
Mason, John M. (See Steele, Bryant, assignor.)
Mason, Julian L., and G. L. McNabb, Gastonia, N. C. Flushing mechanism for toilet tanks. 2,190,160; Feb. 13.
Mason, Lee E., Columbus, Ohio. Jar-holding device. 2,221,056; Nov. 12.
Mason, Lindsey H., Bala-Cynwyd, Pa. Process and apparatus for sulphur bleaching animal textile fiber. 2,204.044; June 11.
Mason, Martin W., Nutley, N. J., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Coating and decorating metals. 2,209,530; July 30.
Mason, Morris, Wood River, assignor to Standard Oil Company, Chicago, Ill. Thermocouple well assembly. 2,202,533; May 28.
Mason, Morris B., assignor to J. L. Stone, Chicago, Ill. Electric clock. 2,194,508; Mar. 26.
Mason, Scott B., Kenmore, assignor, by mesne assignments, to F. N. Burt Company, Inc., Buffalo, N. Y. Box. 2,197,152; Apr. 16.
Mason, Sumner R., Wilmette, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Removing gold, silver, palladium, or the like. 2,185,858; Jan. 2.
Mason, Walden W. (See Raymond, G., Feagles, and Mason.)
Mason, Walden W., Kansas City, Mo. Hatch operated pressure control for vessels. 2,211,281; Aug. 13.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric apparatus. 2,185,599; Jan. 2.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vibrating piezoelectric relay. 2,195,417; Apr. 2.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave filter. 2,199,921; May 7.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric apparatus. 2,202,391; May 28.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric crystal apparatus. 2,204,762; June 18.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave filter. 2,212,840; Aug. 27.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave filter. 2,222,417; Nov. 19.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,225,312; Dec. 17.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric apparatus. 2,227,268; Dec. 31.
Mason, William C., Albany, N. Y. Oil burner. 2,193,828; Mar. 19.
Mason, William H., assignor to Masonite Corporation, Laurel, Miss. High temperature ironing of fiber wetlap. 2,217.691; Oct. 15.
Mason, William H., assignor to Masonite Corporation, Laurel, Miss. Heat treatment production of vegetable fiber products. 2,220,047; Oct. 29.
Mason, William S., Ocean Beach, Calif. Piston ring. 2,202,802; May 28.
Mason, William S., Ocean Beach, Calif. Piston ring. 2,209,925; July 30.
Mason, Wylie A., et al. (See Thigpen, Emmitt B., assignor.)

Masonick, Joseph A., Lake Bluff, Ill. Stove structure. 2,196,467; Apr. 9.
Masonite Corporation. (See Boehm, Robert M., assignor.)
Masonite Corporation. (See Ladon, A. A., and Osborn, assignors.)
Masonite Corporation. (See Mason, William H., assignor.)
Mass, Max. (See Aibel, H., and Mass.)
Massa, Frank, West Collingswood, N. J., assignor to Radio Corporation of America. Signal translating apparatus. 2,214,591; Sept. 10.
Massa, Frank, Audubon, N. J., assignor to Radio Corporation of America. Loud-speaker. 2,217,177; Oct. 8.
Massa, Michele, Bellaire, Ohio. Window curtain drape and shade bracket. 2,192,477; Mar. 5.
Massacese, Vincenzo, Brooklyn, N. Y. Adjustable supporting means for bedsprings. 2,226,172; Dec. 24.
Massachusetts Engineering Co. (See Cormier, Frank L., assignor.)
Masse, Thomas J., Alexandria, near Sydney, New South Wales, Australia, assignor to The Edes Manufacturing Company, Plymouth, Mass. Machine for surfacing sheets of zinc and copper. 2,216,538; Oct. 1.
Masse, Thomas J., Alexandria, near Sydney, New South Wales, Australia, assignor to The Edes Manufacturing Company, Plymouth, Mass. Surfacing sheets of zinc or copper or other metals. 2,216,539; Oct. 1.
Masset, Edward J., Brooklyn, N. Y. Clothesline chock. 2,226,937; Dec. 31.
Massey, Albert H., El Paso, Tex. Air cooler. 2,221,003; Nov. 12.
Massey, Arthur R., Kansas City, Mo. Box. 2,216,277; Oct. 1.
Massey, Charles A., Norman, Okla. Propelling mechanism. 2,218,761; Oct. 22.
Massey Concrete Products Corporation. (See Alexander, Earl C., assignor.)
Massey-Harris Company Ltd. (See Ego, George R., assignor.)
Massey-Harris Co., The. (See Everett, Charles V., assignor.)
Massey-Harris Company Ltd. (See Krause, Karl H., assignor.)
Massey-Harris Company, The. (See Troyer, John S., assignor.)
Massey, Peter J., et al. (See Thiele, W. F., and Richmond, assignors.)
Massey, Peter J., River Forest, Ill. Coating paper. 2,185,859; Jan. 2.
Massey, Peter J., River Forest, Ill., A. T. Gardner, Appleton, and A. F. Piepenburg, Combined Locks, assignors, by mesne assignments, to Combined Locks Paper Company, Appleton, Wis. Producing rotogravure paper and the like. 2,214,641; Sept. 10.
Massolle, Joseph. (See Vogt, H., Engl. and Massolle.)
Massure, Walter J., Linn Township, Dallas County, Iowa. Receptacle-closing means 2,217,124; Oct. 8.
Mastalign Corporation. (See Murchison, Blackwell K., assignor.)
Masteller, Malcolm L., Miami, Fla. Hydraulic brake. 2,188,913; Feb. 6.
Masteller, Malcolm L., Miami, Fla. Hydraulic brake. 2,209,343; July 30.
Master Electric Company, The. (See Carlson, John T., assignor.)
Master Lock Company. (See Soref, Harry E., assignor.)
Master Machine Mfg. Co. (See Oskow, Louis, assignor.)
Master Metal Strip Service. (See Dahl, Oscar.)
Master Venetian Blind Hardware Corporation. (See Goodman, William V., assignor.)
Masterbilt Products Corporation. (See Mayer, Richard, assignor.)
Masters, Edwin L., Chicago, Ill. Material distributor. 2,193,253; Mar. 12.
Masters, Eugene W., assignor to Electrical Research Laboratories Inc., Chicago, Ill. Radio receiver. 2,217,178; Oct. 8.
Masters, George, Selukwe, Southern Rhodesia, South Africa. Medicine bottle. 2,204,104; June 11.
Masterson, Riley C., Bremerton, Wash. Spout for liquid containers and attaching the same thereto. 2,185,413; Jan. 2.
Masterton-Smith, Harry, Kenilworth, Capetown, South Africa. Cartridge holder. 2,215,726; Sept. 24.
Mastic Asphalt Corporation. (See Knoblock, Eugene C., assignor.)
Mastic Asphalt Corporation. (See Manning, Sheldon F., assignor.)
Mastic Asphalt Corporation. (See Mattes, Lee H., assignor.)
Mastic Asphalt Corporation. (See Mulderink, H. A., and Drinkall, assignors.)
Mastic Asphalt Corporation. (See Snyder, Gilbert J., assignor.)
Mastney, Edward J. (See Allison, K. C., and Mastney.)
Mastney, Edward J., Berwyn, and M. H. Sussin, assignors to Oak Manufacturing Company, Chicago, Ill. Switch. 2,213,845; Sept. 3.
Maston, Edward E. (See Brunt, J. P., and Maston.)
Mastowski, Mary. (See Arm, Frederick E., assignor.)
Mastrandrea, Giuseppe, Bluefield, W. Va. Shoe. 2,216,645; Oct. 1.
Mastrangelo, Armand, assignor to the firm Crima S. A., Geneva, Switzerland. Converting alcohol to ether. 2,209,699; July 30.
Mastrud, Conrad D., Chicago, Ill. Dental device. 2,201,190; May 21.
Masuda, Takeshi. (See Ito, H., and Masuda.)
Masumoto, Hakaru, and T. Yamamoto, assignors to The Kinzoku Zairyo Kenkyusho, Sendai, Japan. Magnetic alloys. 2,193,768; Mar. 12.
Masury-Young Company. (See Hills, Walter R., assignor.)
Matalene, Henry W., New York, N. Y. Match container. 2,191,350; Feb. 20.
Matanovich-Manov, Mateo, Berkeley, and A. S. Holmes, Oakland, Calif. Stack gas smoke control apparatus. 2,215,707; Sept. 24.
Matchett, Mahlon M., Detroit, assignor to Le Maire Tool and Manufacturing Company, Dearborn, Mich. Measuring device for helical gears. 2,195,820; Apr. 2.
Matchett, Otis L., Portland, Oreg. Tire groover. 2,214,885; Sept. 17.
Mateer, George L. (See Nichols, H. J., Jr., and Mateer.)
Mateer, George L. (See Rupp, W. H., Mateer, and Moore.)
Matela, John, assignor to W. S. Bednarski, Chicago, Ill. Device for collecting and removing slag in open hearth furnaces. 2,202,706; May 28.
Matera, Charles C., assignor to P. Matera, Hartford, Conn. Lamp. 2,213,012; Aug. 27.
Matera, Philomena. (See Matera, Charles C., assignor.)
Materials Reduction Company. (See Kidwell, C. H., and Stephanoff, assignors.)
Maters, Cornelis, The Hague, and M. J. Riemersma, Wassenaar, Netherlands, assignors to Hercules Powder Company, Wilmington, Del. Bituminous emulsion. 2,199,206; Apr. 30.
Matheny, Clarence S., Haydenville, Ohio, assignor to National Fireproofing Corporation, Pittsburgh, Pa. Making light weight refractory brick. 2,224,459; Dec. 10.
Matheny, Clifford C., Compton, Calif. Air conditioned canopy for beds. 2,191,024; Feb. 20.
Matheny, Willard R., Chicago, Ill. Retainer for electrical connectors. 2,219,931; Oct. 29.
Matheny, Willard R., assignor to N. F. Harnly, Chicago, Ill. Weather strip. 2,215,515; Sept. 24.
Mather, Irwin E., assignor to Stewart-Warner Corporation, Chicago, Ill. Pressure responsive rheostat. 2,226,629; Dec. 31.
Mather, Carroll J., Mount Clemens, Mich. Collapsible awning. 2,213,141; Aug. 27.
Mather, Ewart, and W. E. Hamer, Wrexham, Wales, assignors to Monsanto Chemicals Limited, London, England. Production of alkoxy-hydroxy-benzaldehydes. 2,199,748; May 7.
Mather, Irwin E., Chicago, Ill. Motion picture camera. 2,198,454; Apr. 23.
Mather, Irwin E., Chicago, Ill. Ash tray. 2,213,046; Aug. 27.
Mathes, Richard E., Westfield, N. J., assignor to Radio Corporation of America. Synchronous motor drive for multiplex systems. 2,194,509; Mar. 26.
Mathes, Richard E., Westfield, N. J., assignor to Radio Corporation of America. Differential electrical meter. 2,206,416; July 2.
Mathes, Richard E., Westfield, N. J., assignor to Radio Corporation of America. Synchronism correction for telegraph systems. 2,212,447; Aug. 20.
Mathes, Richard E., Westfield, N. J., assignor to Radio Corporation of America. Channel extension in telegraph systems. 2,214,642; Sept. 10.
Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Manufacture of mercaptothiazoles. 2,186,419; Jan. 9.
Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Manufacture of mercaptothiazoles. 2,186,420; Jan. 9.
Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Manufacture of mercaptothiazoles. 2,186,421; Jan. 9.
Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of organic disulphides. 2,196,607; Apr. 9.
Mathes, Robert C., Maplewood, N. J., and E. Peterson, New York, and H. W. Dudley, Garden City, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Privacy system. 2,213,320; Sept. 3.
Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Manufacture of ammonium dithiocarbamate. 2,207,627; July 9.
Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of aminated esters of sulphydryl compounds. 2,221,147; Nov. 12.
Matheson, Alexander D., Davenport, Iowa, assignor to French & Hecht, Incorporated. Wheel making machine. 2,208,996; July 23.
Matheson, Arthur, Brockton, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Supplying liquid to fastening-inserting machines. 2,216,126; Oct. 1.
Matheson, Arthur M. (See Hubacher, M. H., and Matheson.)
Matheson, Daniel, Vandura, Saskatchewan, Canada. Pump. 2,193,930; Mar. 19.
Matheson, George L. (See Clemens, J. E., and Matheson.)

Matheson, George L., Union, N. J., assignor to Standard Oil Development Company. Apparatus for treating material with silent electric discharges. 2,191,797; Feb. 27.
Matheson, William K., Brooklyn, N. Y., and A. C. Homeyer, Glen Ridge, N. J. Recording instrument. 2,192,319; Mar. 5.
Matheu, James M., Queens Village, N. Y., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe sewing machine. 2,204,901; June 18.
Mathews Conveyer Company. (See Moore, Frank E., assignor.)
Mathews Conveyer Company. (See Sekulski, Lee E., assignor.)
Mathews Conveyer Company. (See Wylie, Howard W., assignor.)
Mathews, Edward F., Weymouth, Mass. Shoemaking. 2,198,917; Apr. 30.
Mathews, Wallace B., assignor to Standard Company, Chicago, Ill. Heating and apparatus therefor. 2,224,827; Dec. 10.
Mathey, Alcide E. (See Scully, F. P., and Mathey.)
Mathias, John W., Upper Darby, assignor of one-half to J. L. Martin, Philadelphia, Pa. Track rail fastener. 2,211,021; Aug. 13.
Mathias, Maximilian, Berlin-Charlottenburg, Germany. Apparatus for recording telephone call charges. 2,211,754; Aug. 20.
Mathias, Robert J., Cheviot, Ohio. Door frame and plaster bead. 2,189,216; Feb. 6.
Mathias, Samuel W., assignor to Landis Machine Company, Waynesboro, Pa. Work holding device. 2,215,270; Sept. 17.
Mathieson Alkali Works, Inc., The. (See Cunningham, George L., assignor.)
Mathieson Alkali Works, Inc., The. (See Cunningham, G. L., and Robinson, assignors.)
Mathieson Alkali Works, Inc., The. (See Dorph, Kurt W. F., assignor.)
Mathieson Alkali Works, Inc., The. (See Dubeau, Archie L., assignor.)
Mathieson Alkali Works, Inc., The. (See Hampel, Clifford A., assignor.)
Mathieson Alkali Works, Inc., The. (See MacMahon, J. D., Taylor, and Kalusdian, assignors.)
Mathieson Alkali Works, Inc. (See MacMullin, Robert B., assignor.)
Mathieson Alkali Works, Inc., The. (See Robson, H. L., and Kaufmann, assignors.)
Mathieson Alkali Works, Inc., The. (See Robson, H. L., and Petroe, assignors.)
Mathieson Alkali Works, Inc., The. (See Taylor, Maurice C., assignor.)
Mathieson Alkali Works, Inc., The. (See Taylor, M. C., and Vincent, assignors.)
Mathieu, André J. (See Ruffo, Paul, assignor.)
Mathieu, Andre J., Miami, Fla. Wheel inspecting device. 2,213,605; Sept. 3.
Mathieu, Charles T., Outremont, Quebec, Canada. Collapsible ring. 2,197,478; Apr. 16.
Mathis, Clyde H. (See Lerch, W. B., Mathis, and Gatchell.)
Mathisen, Anders. (See Randolph, H. B., and Mathisen.)
Mathisen, Anders, London, assignor to Graviner Manufacturing Company Limited, High Holborn, London, England. Fire preventing and extinguishing apparatus. 2,189,147; Feb. 6.
Matlack, Jacob O. (See Cox, H. L., and Matlack.)
Matlock, Caswell C., Los Angeles, Calif. Pipe tongs. 2,209,988; Aug. 6.
Matlock, Caswell C., and B. Baldwin, Los Angeles, Calif. Fluid pressure operated engine. 2,199,644; May 7.
Matlock, Percy F., Houston, Tex. Setting tool. 2,197,344; Apr. 16.
Matot, Duffy A., Wilmette, Ill. Beverage cooler. 2,211,428; Aug. 13.
Matousek, Stephen L., Dearborn, Mich. Tying machine. 2,197,397; Apr. 16.
Matson, Taylor, Philadelphia, Pa. Mechanical drawing apparatus. 2,219,783; Oct. 29.
Matter, Max. (See Graenacher, C., and Matter.)
Mattern, Hans J. (See Koppelmann, F., and Mattern.)
Matterson, William, Coalville, England. Smallware loom. 2,209,278; July 23.
Mattes, Lee H., assignor to Mastic Asphalt Corporation, South Bend, Ind. Building covering material. 2,205,798; June 25.
Matteson, Elwin A. (See Rodder, W., and Matteson.)
Matteson, Elwin A., and W. R. Meredith, assignors to The Aetna Standard Engineering Company, Youngstown, Ohio. Vertical strip cleaner. 2,224,267; Dec. 10.
Matteson, Jesse O., Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Machine for preparing wood blocks for film drying. 2,218,890; Oct. 22.
Matthaeus, Georg. (See Reddelien, G., and Matthaeus.)
Matthaeus, Georg, Wolfen, Kreis Bitterfeld, Germany, assignor to General Aniline & Film Corporation. Halogenating nitroaminobenzene sulphonic acid. 2,206,510; July 2.
Matthaeus, Georg, Wolfen, Kreis Bitterfeld, Germany, assignor to General Aniline & Film Corporation. Manufacture of disazo dyes. 2,214,337; Sept. 10.
Mattheé, Dimi, and Félix Genecand, Geneva, Switzerland. Fitting for fixing skins to skis. 2,189,760; Feb. 13.
Matthes, Archer L., Youngstown, Ohio. Vitreous enameled article. 2,199,804; May 7.
Matthes, Archer L., Youngstown, assignor to Bomat Inc., Cleveland, Ohio. Vitreous enameling. 2,216,017; Sept. 24.
Matthes, Fred E., Chicago, Ill., assignor to Minneapolis-Honeywell-Regulator Company, Minneapolis, Minn. Fluid fuel burner control system. 2,197,746; Apr. 16.
Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley wire hanger. 2,195,732; Apr. 2.
Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Overhead trolley device. 2,195,733; Apr. 2.
Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Contact device. 2,195,734; Apr. 2.
Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley wire contactor. 2,195,735; Apr. 2.
Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley wire support. 2,202,707; May 28.
Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Electric switching system. 2,205,927; June 25.
Matthews, Arthur. (See Dewar, Reginald E. G., assignor.)
Matthews Conveyer Company. (See Brodbeck, J. R., and Dunsieth, assignors.)
Matthews, Duke C., Taylor, Tex. Well bore treatment. 2,186,875; Jan. 9.
Matthews, Eric B., Portland, Oreg., assignor to American Telephone and Telegraph Company. Teletypewriter tape wiper. 2,198,550; Apr. 23.
Matthews, Ernest C., Eureka, Calif. Shingle. 2,196,420; Apr. 9.
Matthews, Harlan E., assignor to Clark Equipment Company, Buchanan, Mich. Drill fluting machine. 2,218,716; Oct. 22.
Matthews, Irving C., and G. M. Atkins, assignors to Eastman Kodak Company, Rochester, N. Y. Synthetic resin light filter. 2,193,035; Mar. 12.
Matthews, Jess J. (See Campbell, R., and Matthews.)
Matthews, John H., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Friction material. 2,201,191; May 21.
Matthews, Max A., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Apparatus for handling coal. 2,191,322; Feb. 20.
Matthews, Newton L., Boise, Idaho. Rock pulverizer. 2,209,344; July 30.
Matthews, Percy W., assignor of thirty-eight one-hundredths to E. J. Griffiths, Pittsburgh, Pa., nineteen one-hundredths to J. F. Brandenburg, Larchmont, N. Y., and five one-hundredths to C. W. Neill, West Englewood, N. J. Method and apparatus for making sheet metal. 2,226,500; Dec. 24.
Matthews, Philip E., Plainfield, N. J., assignor to Mack Manufacturing Corporation, Long Island City, N. Y. Vacuum clutch control. 2,208,133; July 16.
Matthews, Rhys. (See Clark, W. J., Bosanquet, Bell, and Matthews.)
Matthews, W. N., Corporation. (See Birkenmaier, Theodore, assignor.)
Matthews, W. N. Corporation. (See Cooley, Murray C., assignor.)
Matthews, W. N., Corporation. (See Mosley, Carl E., assignor.)
Matthews, Walter I., Riverhead, N. Y., assignor to Radio Corporation of America. Diversity antenna. 2,186,422; Jan. 9.
Matthies, August, Elbingerode, Harz, Germany. Electric lamp stand. 2,204,508; June 11.
Matthies, Roland A. (See Plamondon, A. L., Matthies, and Iversen.)
Matthies, William H. (See Busch, A. J., and Matthies.)
Matthies, William H. (See Carpenter, W. W., and Matthies.)
Matthysse, Irving F., New York, N. Y., assignor to Burndy Engineering Co. Inc. T connector. 2,191,258; Feb. 20.
Matti, Jean C., Pully, near Lausanne, Switzerland, assignor to the firm Compagnie Internationale de Procedes de Panification "Itam", Paris (Seine), France. Preserving yeast. 2,187,357; Jan. 16.
Mattiat, Oskar, assignor to Allgemeine, Elektricitats Gesellschaft, Berlin, Germany. Piezoelectric crystal. 2,194,183; Mar. 19.
Mattison, Carl L., assignor to Mattison Machine Works, Rockford, Ill. Pulley supporting device. 2,191,155; Feb. 20.
Mattison Machine Works. (See Mattison, Carl L., assignor.)
Mattison Machine Works. (See Olsen, Joseph O., assignor.)
Mattison, Norman D., Montclair, N. J. Rubber mattress. 2,192,601; Mar. 5.
Mattison, Thomas E., Northfield, assignor of twenty-five per cent to B. G. Kielmeyer, and fifteen per cent to A. J. St. Martin, Faribault, Minn. Sectional crankshaft. 2,190,411; Feb. 13.

Mattoon, Deo R., assignor to Corning Glass Works, Corning, N. Y. Handle for cooking utensils. 2,205,819; June 25.
Mattox, William J. (See Grosse, A. V., and Mattox.)
Matuszak, Maryan P. (See Frey, F. E., Matuszak, and Snow.)
Matys, Joseph, New Bedford, Mass. Hair drying appliance. 2,224,876; Dec. 17.
Matysek, Anthony, Baltimore, Md. Physical culture and exercising device. 2,209,465; July 30.
Matzka Corporation, The. (See Matzka, Wincenty, assignor.)
Matzka, Wincenty, Grasse, France, assignor to The Matzka Corporation, Wilmington, Del. Sterilization of liquids. 2,209,345; July 30.
Maude, Aylmer H., and J. D. Sweeney, Niagara Falls, assignors to Hooker Electro-chemical Company, New York, N. Y. Production of hydrogen sulphide. 2,214,859; Sept. 17.
Mauersberger, Ernst A., Maarssen, Netherlands, assignor to Alframine Corporation, New York, N. Y. Sulphonated products. 2,185,817: Jan. 2.
Mauersberger, Ernst A., Maarssen, near Utrecht, Netherlands, assignor to Alframine Corporation, New York, N. Y. Condensation product and preparing same. 2,186,464; Jan. 9.
Mauersberger, Ernst A., Maarssen, Netherlands, assignor, by mesne assignments to American Hyalsol Corporation, Wilmington, Del. Wetting, washing, dispersing, and penetrating agents and producing the same. 2,195,418; Apr. 2.
Maui Agricultural Co. Ltd. (See Joachim, Herman L., assignor.)
Maui Pineapple Company. (See Nicoll, J. S., Giles, Maruoka, Butler, and Countryman, assignors.)
Maul, Michael, Berlin-Johannisthal, assignor to the firm Deutsche Hollerith Maschinen Gesellschaft m. b. H., Berlin-Lichterfelde, Germany. Sheet severing mechanism. 2,189,042; Feb. 6.
Maul, Michael, Berlin-Johannisthal, assignor to the firm Deutsch Hollerith Maschinen Gesellschaft m. b. H., Berlin-Lichterfeld, Germany. Record sheet punching machine. 2,206,640; July 2.
Maul, Michael, Berlin-Johannisthal, assignor to the firm Deutsche Hellerith Maschinen Gesellschaft m. b. H., Berlin-Lichterfelde, Germany. Sorting machine. 2,209,414; July 30.
Maul, Michael, Berlin-Johannisthal, assignor to the firm Deutsche Hollerith Maschinen Gesellschaft m. b. H., Berlin-Lichterfelde, Germany. Card punching machine. 2,210,552; Aug. 6.
Maulsby, L. K. (See La Ferney, Delbert, assignor.)
Maune, Len A. (See Chervenka, G. R., and Maune.)
Maupin, Graves R., assignor to The J. Faessler Mfg. Co., Moberly, Mo. Rolling tool. 2,219,784; Oct. 29.
Maupin, Henry E., Portsmouth, Ohio. Tool for flaring tubes. 2,221,228; Nov. 12.
Maurer, Albert and L. H., Seattle, Wash. Combustion motor. 2,224,443; Dec. 10.
Maurer, Carl W. (See Baker, C. I., Barker, and Maurer.)
Maurer, Charles C., Dover, Ohio, assignor to Knapp-Monarch Company, St. Louis, Mo. Tester. 2,222,110; Nov. 19.
Maurer, Edwin R., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,205,485; June 25.
Maurer, Georg, Stuttgart-Botnang, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Photoelectric tube. 2,210,683: Aug. 6.
Maurer, Georg, Stuttgart-Botnang, assignor to "Fides" Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung, Berlin, Germany. Photoelectric tube. 2,218,340; Oct. 15.
Maurer, Harry A., Novelty, assignor to The Oster Manufacturing Company, Cleveland, Ohio. Grinder. 2,189,015; Feb. 6.
Maurer, Howard F., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Automatic phonograph. 2,189,077; Feb. 6.
Maurer, John A., Jr., assignor to The Berndt-Maurer Corp., New York, N. Y. Oscillograph galvanometer. 2,207,064; July 9.
Maurer, John A., Jr., New York, N. Y., assignor to The Berndt-Maurer Corp. Intermittent movement for motion picture apparatus. 2,222,418; Nov. 19.
Maurer, Leon H. (See Maurer, Albert and L. H.)
Maurer, Marion F., Springfield, Ohio. Water softening plant. 2,207,327; July 9.
Maurer, Richard F. (See Burkhardt, Richard, assignor.)
Maurer, Sam, Vancouver, British Columbia, Canada, assignor to M and M Wood Working Company, Portland, Oreg. Wood finishing process. 2,202,109; May 28.
Maurer, Sam, Vancouver, British Columbia, Canada, assignor to M and M Wood Working Company, Portland, Oreg. Woodwork incising machine. 2,202,110; May 28.
Maurer, Siegfried. (See Friestedt, Arthur A., assignor.)
Maurer, William O., Cincinnati, Ohio, assignor to G. H. Hutaff, Jr., Wilmington, N. C. Fishhook. 2,189,496; Feb. 6.
Maurer, William O., Cincinnati, Ohio, assignor to G. H. Hutaff, Jr., Wilmington, N. C. Fishhook. 2,218,046; Oct. 15.
Maurin, Lawrence B., Milwaukee, Wis. Carton. 2,219,560; Oct. 29.
Mauro, Eugene, Brooklyn, N. Y. Head protector. 2,214,748; Sept. 17.
Mauro, Frances P. (See Prough, Ard B., assignor.)
Mauro, Oswald G. (See Dons, E. M., and Mauro.)
Mauser, Alfons, Marienburg, Cologne, Germany, assignor, by mesne assignments, to N. V. Serlox, The Hague, Netherlands. Packing of a sealing cap for the sealing and tightening of container closures, especially bung closures. 2,194,147; Mar. 19.
Mauser-Werke A.-G. (See Meier, Ernst E., assignor.)
Mausolf, George A., assignor to The Waterbury Button Company, Waterbury, Conn. Ocarina. 2,195,992; Apr. 2.
Maussnest, Friedrich K., Woodside, Long Island, N. Y. Sheet straightening machine. 2,219,163; Oct. 22.
Maust, Ernest J. (See Mead, H. L., and Maust.)
Mauthe, Gustav. (See Fellmer, E., Mauthe, and Noerr.)
Mauthe, James L., Poland, assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Making seamless tubes. 2,227,313: Dec. 31.
Mautz, Wolfgang, Kronberg, Taunus, near Frankfort-on-the-Main, Germany. Liquid filter. 2,216,646; Oct. 1.
Maverick, George M., Elizabeth, N. J., assignor to Standard Oil Development Company. Lubricating composition. 2,215,590; Sept. 24.
Mavor and Coulson, Limited. (See Buchanan, George M., assignor.)
Mavor and Coulson, Limited. (See Gullick, Geoffrey M., assignor.)
Mawen Motor Corporation. (See Meyer, Andre J., assignor.)
Mawen Motor Corporation. (See Meyer, A. J., and Taylor, assignors.)
Mawen Motor Corporation. (See Weeks, Walter L., assignor.)
Mawen, S. A. (See Cantoni, Humbert D. J., assignor.)
Maxant Button & Supply Co. (See McDonough, Lawrence E., assignor.)
Maxfield, Daniel E., assignor to Stokes and Smith Company, Philadelphia, Pa. Method of and apparatus for feeding web material. 2,199,708; May 7.
Maxim Silencer Company, The. (See Bourne, Roland B., assignor.)
Maximilian, Octavian, Pittsburgh, Pa. Envelope opener. 2,204,763; June 18.
Maximon, Harry. (See Schoenberg, M. J., and Maximon.)
Maxolite Holdings Limited. (See Redfern, Alfred H., assignor.)
Maxon, Glenway, Jr., Milwaukee, Wis. Truck body hoist mechanism. 2,219,525; Oct. 29.
Maxon, Glenway, Jr., Milwaukee, and M. Gilson, Fredonia, Wis. Loading mechanism for mixers. 2,213,047; Aug. 27.
Maxon, John J., assignor to Maxon Premix Burner Company, Muncie, Ind. Shut-off valve. 2,223,292; Nov. 26.
Maxon Premix Burner Company. (See Maxon, John J., assignor.)
Maxson, Rolland H., assignor to The Burdick Corporation, Milton, Wis. High frequency apparatus for therapeutic and surgical uses. 2,213,820; Sept. 3.
Maxson, W. L., Corporation, The. (See Maxson, W. L., and McLaren, assignors.)
Maxson, Walter L., Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Blade mill. 2,213,713; Sept. 3.
Maxson, William L., South Orange, N. J. Building block. 2,202,592; May 28.
Maxson, William L., South Orange, N. J., and P. J. McLaren, assignors to The W. L. Maxson Corporation, New York, N. Y. Multiplying machine. 2,194,477; Mar. 26.
Maxton, Alfred. (See Bartunek, R., and Maxton.)
Maxton, Alfred, Heinsberg, Rhineland, Germany, assignor to North American Rayon Corporation, New York, N. Y. Recovering sulphur. 2,215,969; Sept. 24.
Maxwell, Charles J., Dallas, and H. T. Jackson, Corsicana, Tex. Program clock. 2,214,534; Sept. 10.
Maxwell, Clyde, Glen Ellyn, and H. E. Marshall, assignors to Boiler Tube Skivers, Inc., Chicago, Ill. Tube cleaning device. 2,199,109; Apr. 30.
Maxwell, Frank R., Rose Valley, Pa. Split sleeve valve. 2,216,953; Oct. 8.
Maxwell, Frank R., Rose Valley, assignor to Sun Shipbuilding & Dry Dock Company, Chester, Pa. Apparatus for the aeration of liquids. 2,212,841; Aug. 27.
Maxwell, George E., White Bear Lake, Minn. Anchor holder. 2,203,390; June 4.
Maxwell, Harold L. (See Gifford, L. S., and Maxwell.)
Maxwell, Karl A., Versailles Township, Allegheny County, Pa., assignor to National Tube Company. Welding joints. 2,227,193; Dec. 31.
Maxwell, Ralph E., Modesto, Calif. Method of and apparatus for opening ampoules. 2,224,354; Dec. 10.
Maxwell, Robert W. (See Brubaker, M. M., and Maxwell.)
Maxwell, Robert W., Los Angeles, assignor to Globe Oil Tools Company, Los Nietos, Calif. Cutter and bearing assembly. 2,190,365; Feb. 13.
Maxwell, Robert W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of N-substituted alkylol amines. 2,194,314; Mar. 19.

Maxwell, Robert W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Detergent composition. 2,202,741; May 28.
Maxwell, Thomas, Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Boring head. 2,223,041; Nov. 26.
May, Armand. (See Ajouelo, Davis J., assignor.)
May & Baker, Limited. (See Ewins, A. J., and Ashley, assignors.)
May, Erwin, Wetzlar, Germany. Illuminating device for picture projection purposes. 2,214,143; Sept. 10.
May, Erwin, Wetzlar, Germany, assignor, by mesne assignments, to F. Dumur, Lausanne, Switzerland. Fire protection device for motion picture projectors. 2,227,269; Dec. 31.
May, Gerhard, San Francisco, Calif. Lens system. 2,215,271; Sept. 17.
May Harold F., Valley Stream, assignor to The Teleregister Corporation, New York, N. Y. Wired news disseminating system. 2,193,428; Mar. 12.
May, Harold F., Valley Stream, and F. O. Stratton, assignors to The Teleregister Corporation, New York, N. Y. Quotation system. 2,202,392; May 28.
May, Lawrence J., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Oil sealing device. 2,198,782; Apr. 30.
May, Wilbur D. (See Raizen, C. S., and May.)
May, William H., assignor of one-half to M. J. Wilson, Los Angeles, Calif. Motor vehicle theft prevention device. 2,205,104; June 18.
Maybach, Karl, assignor to Maybach-Motorenbau G. m. b. H., Friedrichshafen, Germany. Control for automatic gearshift mechanism. 2,201,192; May 21.
Maybach-Motorenbau G. m. b. H. (See Maybach, Karl, assignor.)
Maybach-Motorenwerke Gesellschaft mit beschrankter Haftung. (See Meyer, Gustav, assignor.)
Maycock, William H., Coventry, England, assignor to General Electric Company. Electric ignition system. 2,221,521; Nov. 12.
Mayer, Carl, Frankfort-on-the-Oder, assignor to R. Nolle, Berlin, Germany. Machine for grinding the crank pins of crankshafts. 2,202,111; May 28.
Mayer, Charles A., Queens, N. Y. Closure seal. 2,194,763; Mar. 26.
Mayer, Emil E., New York, N. Y. Electromechanical driving system. 2,221,982; Nov. 19.
Mayer, Emil E., New York, N. Y., and P. Schwarzkopf, Reutte, Tyrol, Austria; said Schwarzkopf assignor to said Mayer. Layered magnetizable material and structure for electrical purposes. 2,221,983; Nov. 19.
Mayer, Hans, Frankfort-on-the-Main, Germany. Oil burner. 2,192,615; Mar. 5.
Mayer, Hans, Berlin-Charlottenburg, assignor to Siemens & Halske Akt., Siemensstadt, near Berlin, Germany. Push-pull amplifier circuit. 2,221,102; Nov. 12.
Mayer, Harry, New York, N. Y. Telephone protector. 2,212,349; Aug. 20.
Mayer, Harry F., Schenectady, N. Y., assignor to General Electric Company. Controlling the apparent resistance of an amplifier anode. 2,220,770; Nov. 5.
Mayer, Herman J., Chicago, Ill. Injection needle. 2,212,477; Aug. 20.
Mayer, John, Hastings, Minn., assignor to H. D. Hudson Manufacturing Company, Chicago, Ill. Spray nozzle. 2,208,850; July 23.
Mayer, Leo, Newton, assignor to Henry Cole Co., South Boston, Mass. Signal light switch. 2,205,664; June 25.
Mayer, Maurice W. (See Cibulka, A., and Mayer.)
Mayer, Raoul G. (See Graham, J. B., and Mayer.)
Mayer, Richard, New Rochelle, assignor, by mesne assignments, to Masterbilt Products Corporation, New York, N. Y. Combination cigar and cigarette lighter. 2,226,250; Dec. 24.
Mayer, Richard, New Rochelle, assignor to Masterbilt Products Corporation, New York, N. Y. Post bracket. 2,226,251; Dec. 24.
Mayer, Waldemar F. (See Hollander, A., and Mayer.)
Mayer, Waldemar F., Los Angeles, assignor to Byron Jackson Co., Huntington Park, Calif. Pumping apparatus. 2,186,983; Jan. 16.
Mayer, Waldemar F., Los Angeles, assignor to Byron Jackson Co., Huntington Park, Calif. Pumping apparatus. 2,212,667; Aug. 27.
Mayer, Waldemar F., Los Angeles, assignor to Byron Jackson Co., Huntington Park, Calif. Pumping apparatus. 2,217,960; Oct. 15.
Mayer, William J., Glenside, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Illumination system. 2,198,579; Apr. 23.
Mayerovitz, Bernat, New York, N. Y. Camera case. 2,223,219; Nov. 26.
Mayers, Martin A., assignor to Carnegie Institute of Technology of Pittsburgh, Pittsburgh, Pa. Furnace stoker. 2,201,371; May 21.
Mayers, Wilbur S. (See Batchell, G. W., Mayers, and Schwalbe.)
Mayers, Wilbur S., Toledo, Ohio. Vertical sand damper. 2,200,558; May 14.
Mayers, Wilbur S., assignor to The Frangeo Company, Toledo, Ohio. Lehr charger. 2,220,454; Nov. 5.
Mayes, Graham, Philipsburg, Pa. Internal combustion engine. 2,215,793; Sept. 24.
Mayfield, George C. (See Smith, D. M., and Mayfield.)
Mayfield, George F., Austin, Tex. Lid lifter for containers. 2,223,695; Dec. 3.
Mayfield, Harry F., Anderson, S. C. Vending machine. 2,190,879; Feb. 20.
Mayflower-Lewis Corporation. (See Christensen, Harley, assignor.)
Mayhew, James N., Los Angeles, Calif. Shampoo lavatory. 2,194,804; Mar. 26.
Mayland, Walter C. (See Seguin, Ted W., assignor.)
Maynard, Albert E., assignor to American Optical Company, Southbridge, Mass. Lens edging machine. 2,209,605; July 30.
Maynard, Albert E., assignor to American Optical Company, Southbridge, Mass. Cutting device. 2,211,067; Aug. 13.
Maynard, Albert E., assignor to American Optical Company, Southbridge, Mass. Lens drilling machine. 2,222,538; Nov. 19.
Maynard, Arthur H. (See Davis, E. W., and Maynard.)
Maynard, Arthur H., assignor to Boston Wire Stitcher Company, Warwick, R. I. Fastener-applying device. 2,195,889; Apr. 2.
Maynard, Arthur H., assignor to Boston Wire Stitcher Company, Warwick, R. I. Fastener-applying implement. 2,227,314; Dec. 31.
Maynard, Arthur H., Warwick, and J. M. Gambao, East Greenwich, assignors to Boston Wire Stitcher Company, Warwick, R. I. Fastener-applying device. 2,193,599; Mar. 12.
Maynard, Charles E., Northampton, Mass., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Making tire tread. 2,207,098; July 9.
Maynard, Charles E., Northampton, Mass., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Tire and tread construction. 2,207,099; July 9.
Maynard, Charles E., Northampton, Mass., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Making tire tread. 2,207,100; July 9.
Maynard, Charles E., Northampton, Mass., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Tire tread. 2,207,101; July 9.
Maynard, James, assignor to F. R. Galbreath, Los Angeles, Calif. Hydraulic press. 2,187,385; Jan. 16.
Maynard, Meade J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Furnace control system. 2,188,865; Jan. 30.
Maynard, Meade J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner control system. 2,196,442; Apr. 9.
Maynard, Meade J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner control system. 2,196,443; Apr. 9.
Maynard, Meade J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heat sensitive switch. 2,211,700; Aug. 13.
Mayne, Fred, Springboro, and F. Ranly, Miamisburg, Ohio; said Ranly assignor to said Mayne. Nozzle valve attachment. 2,214,708; Sept. 10.
Maynes, Emma C. (See Maynes, Hyla F., assignor.)
Maynes, Hyla F., assignor of one-half to E. E. Maynes, North Tonawanda, N. Y. Fishing reel. 2,220,017; Oct. 29.
Mayo, Bernard J. (See Nicoll, F. H., and Mayo.)
Mayo, Dana H. N., Ridgewood, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange apparatus. 2,207,497; July 9.
Mayo, Edmund C. (See Cumming, Laurence G., assignor.)
Mayo, Edward L., Cleveland, Ohio. Cigar lighter for automotive vehicles. 2,220,607; Nov. 5.
Mayo, Edward L., assignor to Bishop & Babcock Manufacturing Company, Cleveland, Ohio. Thermostat. 2,187,886; Jan. 23.
Mayo, Edward L., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Heating and ventilating system. 2,189,348; Feb. 6.
Mayo, Frank V., Stockton, Calif., assignor to The Wayne Pump Company, Fort Wayne, Ind. Liquid dispensing apparatus. 2,198,879; Apr. 30.
Mayo, Frank V., Stockton, Calif., assignor to The Wayne Pump Company, Fort Wayne, Ind. Liquid dispensing apparatus. 2,212,241; Aug. 20.
Mayo, Frank V., Stockton, and W. H. Misson, San Francisco, Calif. Liquid metering and cost computing apparatus. 2,209,700; July 30.
Mayo, Reubin E., Snow Hill, N. C. Curing tobacco and the like. 2,223,696; Dec. 3.
Mayo, Rutledge R., New York, N. Y., assignor to one-half to A. L. Stover, Bradford, Pa. Thermometer attachment for fountain syringe bags or similar containers. 2,204,764; June 18.
Mayo, Wardwick, and E. E. Nock, Jr., assignors to Norfolk Mattress Company, Norfolk, Va. Convertible article of furniture. 2,223,259; Nov. 26.
Mayo Woolen Mills, Inc. (See Bussiere, Frank H., assignor.)
Mayonnade, Henriette, and C. W. Hine, assignors to I. Newman & Sons, Inc., New Haven, Conn. Foundation garment. 2,199,442; May 7.
Mayor, Maurice, New York, N. Y. Detachable lift for shoe heels. 2,187,167; Jan. 16.

Mayotte, Frank E., Adams, Mass. Electric die threader. 2,205,148; June 18.
Mayr, Hermann, Hildburghausen, Germany. Motor drive for cycles. 2,214,106; Sept. 10.
Mays, Orland C., Kermit, Tex. Apparatus for shooting wells. Re. 21,444; May 7.
Maytag Company, The. (See Mikulasek, John, assignor.)
Maytag Company, The. (See Mooar, David L., assignor.)
Maytag Company, The. (See Smith, Thomas R., assignor.)
Maytag Company, The. (See Woodin, Charles K., assignor.)
Maytag Company. The. (See Young, Frank M., assignor.)
Maywald, Frederick J., Jr., Rutherford, N. J., assignor, by mesne assignments, to Frank B. Killian & Company, Akron, Ohio. Beading mechanism. 2,220,938; Nov. 12.
Maze, James S., assignor to W. H. Maze Company, Peru, Ill. Corrugated metal fastener. 2,226,006; Dec. 24.
Maze, W. H., Company. (See Maze, James S., assignor.)
Mazer, Alfred, Newark, Ohio. Switch mechanism for direction signals. 2,185,511; Jan. 2.
Mazer, Jacob, Miami Beach, Fla. Structure for absorbing sound. 2,209,825; July 30.
Mazur, Mans, Francis V., Buffalo, N. Y. Toy. 2,226,064; Dec. 24.
Mazur, Paul, and W. S. Tandler, New York, N. Y. Safety device for automobile doors. 2,220,167; Nov. 5.
Mazurie, Harry R., Pittsburgh, Pa., assignor to National Tube Company. Protector for tubular objects. 2,199,749; May 7.
Mazzanobile, Michael, New York, N. Y. Automatic liquid dispensing fountain. 2,201,545; May 21.
Mazzarelli, Augustine M., Brooklyn, N. Y. Ink* bottle stopper. 2,194,402; Mar. 19.
Mazzella, Antonio, assignor of one-half to P. J. Murray, Toronto, Ohio. Hoisting sling. 2,199,958; May 7.
Mazzocco, Dante V., New York, N. Y. Photocomposing machine. 2,210,726; Aug. 6.
McAdam, Harry H., assignor to Refrigeration Engineering, Incorporated, Los Angeles, Calif. Defrosting device. 2,219,393; Oct. 29.
McAdam, Ralph E. (See Green, C. H., and McAdam.)
McAdams, Harry, assignor to Nolde and Horst Company, Reading, Pa. Knitted fabric. 2,192,090; Feb. 27.
McAdams, Harry, assignor to The Nolde and Horst Company, Reading, Pa. Machine and method of producing elastic top stockings. 2,195,181; Mar. 26.
McAdams, Harry, assignor to The Nolde and Horst Company, Reading, Pa. Elastic top stocking and producing the same. 2,195,182; Mar. 26.
McAdams, Harry, assignor to The Nolde and Horst Company, Reading, Pa. Knitting seamless stockings and the like in stringwork. 2,195,183; Mar. 26.
McAdams, Harry, assignor to The Nolde and Horst Company, Reading, Pa. Knitting machine. 2,213,142; Aug. 27.
McAdams, Harry, assignor to The Nolde and Horst Company, Reading, Pa. Knitting machine. 2,213,143; Aug. 27.
McAdams, Harry, assignor to The Nolde and Horst Company, Reading, Pa. Elastic top stocking and producing same. 2,213,144; Aug. 27.
McAdams, Harry, assignor to The Nolde and Horst Company, Reading, Pa. Machine for the knititng of elastic top stockings and knitting the same thereon. 2,213,145; Aug. 27.
McAdams, Harry, assignor to Nolde and Horst Company, Reading, Pa. Seamless knitted fabric and producing the same. 2,217,558; Oct. 8.
McAdams, Harry, assignor to Nolde and Horst Company, Reading, Pa. Knitting machine. 2,221,713; Nov. 12.
McAlear Manufacturing Company, The. (See Iler, George A., assignor.)
McAleer Manufacturing Company. (See Weihe, Frederick A., Jr.)
McAlister, Raymond W., New York, N. Y. Cream separating milk bottle. 2,222,511; Nov. 19.
McAlister, William H., Elmhurst, Long Island, assignor, by mesne assignments, to himself and J. G. Sparks, Long Island City, N. Y. Collapsible boat. 2,220,608; Nov. 5.
McAllister, Charles M., Fresno, Calif. Food crusher. 2,218,119; Oct. 15.
McAllister, Franklin, Flushing, N. Y. Pipe cleaning tool head and handle. 2,198,783; Apr. 30.
McAllister, Franklin, Flushing, N. Y. Service pipe cleanout tool. 2,214,171; Sept. 10.
McAllister, Harley J., Chicago, Ill. Vacuum cleaner. 2,211,934; Aug. 20.
McAllister, Sumner H., Lafayette, assignor to Shell Development Company, San Francisco, Calif. Production of aliphatic dicarboxylic acids. 2,193,562; Mar. 12.
McAlpine, Malcolm, London, England. Shuttering device for the building of ferroconcrete structures. 2,185,860. Jan. 2.
McAlvay, Budd D., Anaheim, assignor of one-half to A. J. Fessman, Newport Beach, Calif. Escape device. 2,225,177; Dec. 17.
McAneny, Michael J., Jr. (See Campbell, Calvin, assignor.)
McAneny, Michael J., Jr., Denver, Colo. Hose clamp. 2,192,979; Mar. 12.
McAneny, Michael J., Jr., Denver, Colo. Tool for applying hose clamps. 2,208,134; July 16.
McArn, Donald G., Pittsburgh, Pa., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Transformer winding support. 2,225,593; Dec. 17.
McArthur, Donald A. (See Gonser, B. W., Seybolt, and McArthur.)
McArthur, Donald A. (See Wean, R. J., and McArthur.)
McArthur, Donald A., assignor to The Wean Engineering Company, Inc., Warren, Ohio. Apparatus for joining successive strip lengths. 2,219,049; Oct. 22.
McArthur, Donald A., J. C. Holgate, and C. Koelkebeck, assignors to The Wean Engineering Company, Inc., Warren, Ohio. Conveyer. 2,192,647; Mar. 5.
McArthur, Elmer D., Schenectady, N. Y., assignor to General Electric Company. Ultra short wave device. 2,200,962; May 14.
McArthur, Elmer D., Schenectady, N. Y., assignor to General Electric Company. Discharge apparatus. 2,217,415; Oct. 8.
McArthur, Elmer D., Schenectady, N. Y., and H. E. Rowe, Pittsfield, Mass., assignors to General Electric Company. Discharge device. 2,204,423; June 11.
McArthur, Joseph, assignor to James Heddon's Sons, Dowagiac, Mich. Fly casting reel. 2,209,166; July 23.
McArthur, William, East Orange, N. J. Condiment shaker. 2,200,755; May 14.
McAssey, Rollin O., San Diego, Calif. Therapeutic device. 2,187,168; Jan. 16.
McAuley, Charles E., Unionville, N. Y. Film reel. 2,226,825; Dec. 31.
McAulay, Chester B., Palo Alto, Calif., assignor to Joshua Hendy Iron Works. Needle valve. 2,223,735; Dec. 3.
McAvoy, Charles A., assignor to Burroughs Wellcome & Co. (U. S. A.), Inc., New York, N. Y. Water-tight container. 2,206,848; July 2.
McBain, James W., Palo Alto, Calif., assignor to Research Corporation, New York, N. Y. Ultracentrifuge. 2,213,107; Aug. 27.
McBain, William C., Youngstown, Ohio. Lift mechanism for strip guides. 2,192,409; Mar. 5.
McBain, William C., and W. K. Blattman, assignors to The Cold Metal Process Company, Youngstown, Ohio. Apparatus for cooling and guiding strip. 2,211,981; Aug. 20.
McBath, Bartley R., Verona, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Feed-water heater. 2,187,044; Jan. 16.
McBee Company, The. (See Connor, Roger, assignor.)
McBee Company, The. (See McCart, Lucien L., assignor.)
McBee Company, The. (See Nevin, Donald A., assignor.)
McBee Company, The. (See Welk, Nelson S., assignor.)
McBirney, Stanley W. (See Powers, J. B., and McBirney.)
McBride, John J., Bayonne, N. J., assignor to American Car and Foundry Company, New York, N. Y. Top operated outlet valve. 2,190,723; Feb. 20.
McBride, John J., Bayonne, N. J., assignor to American Car and Foundry Company, New York, N. Y. Loading device for railway cars. 2,190,724; Feb. 20.
McBride, John J., Bayonne, N. J., assignor to American Car and Foundry Company, New York, N. Y. Safety valve. 2,190,725; Feb. 20.
McBride, John J., Bayonne, N. J., assignor to American Car and Foundry Company, New York, N. Y. Safety valve. 2,226,732; Dec. 31.
McBride, Ray P. (See Bitler, W. T., Bower, and McBride.)
McBryde, Archie F., Meadville, Pa. Curtain stretcher. 2,205,820; June 25.
McBurney, John D., Newburgh, N. Y., and E. H. Nollau, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Semistiff collar. 2,201,908; May 21.
McCabe, Daniel U., Athens, assignor of one-half to J. M. Wood, Longview, Tex. Valve extracting means for underground storage tanks. 2,225,275; Dec. 17.
McCabe, Ira E., Chicago, Ill. Safety device for electrically controlled apparatus. 2,188,555; Jan. 30.
McCabe, Ira E., Chicago, Ill. Fluid fuel burner ignition control. 2,220,257; Nov. 5.
McCabe, John J., Euclid, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Centrifugally actuated device. 2,187,207; Jan. 16.
McCabe, John J., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Ironer. 2,213,634; Sept. 3.
McCabe, John J., and P. E. Frantz, assignors to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Motor mounting. 2,185,215; Jan. 2.
McCabe, Joseph H., Maplewood, N. J. Pressure tank gauge and sampling device. 2,200,630; May 14.
McCabe, Raleigh, Chicago, Ill. Waist restrainer. 2,186,255; Jan. 9.
McCadam, Maurice B., Ogdensburg, N. Y., and M. G. Dimon, Wellesley, Mass., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treating poultry and other edibles. 2,214,562; Sept. 10.
McCain, Cecil C. (See Marchev, A., and McCain.)
McCain, George L., assignor to Chrsyler Corporation, Detroit, Mich. Power driving mechanism. 2,205,486; June 25.
McCalla, Hazel M., St. Louis, Mo. Waving hair. 2,218,205; Oct. 15.
McCallum, Edgar. (See Henry, Shala W., assignor.)
McCallum, Ingersoll W., Boston, Mass. Plastering machine. 2,198,271; Apr. 23.
McCann, Clyde D., Des Moines, Iowa. Light fixture. 2,216,444; Oct. 1.

McCann, John A., et al., executors. (See McCann, John J.)
McCann, John J., deceased, Burlington; J. C. French, Mercer County, and J. A. McCann, Burlington County, N. J., executors. Artificial knee. 2,208,275; July 16.
McCann, John J., deceased, Burlington; J. C. French, Mercer County, and J. A. McCann, Burlington County, N. J. Joint for artificial limbs. 2,208,276; July 16.
McCann, Michael, Ozone Park, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J Thread controlling mechanism for sewing machines. 2,186,762; Jan. 9.
McCann, Michael, Ozone Park, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Interlock and rebound control mechanism for sewing machines. 2,195,890; Apr. 2.
McCann, Michael, Ozone Park, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Universal button sewing machine. 2,200,929; May 14.
McCann, Michael, Ozone Park, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Stop motion and rebound control mechanisms for sewing machines. 2,225,565; Dec. 17.
McCann, Ronald A. (See Young, H. S., and McCann.)
McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,195,891; Apr. 2.
McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Traffic signaling system. 2,195,892; Apr. 2.
McCann, Thomas A., Denville, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Printing telegraph counting apparatus. 2,191,798; Feb. 27.
McCann, William F., assignor to Utica Steam Engine and Boiler Works, Utica, N. Y. Bleacher construction. 2,193,339; Mar. 12.
McCann, William O., and T. G. Weldon, St. Paul, Minn. Scattering device. 2,205,572; June 25.
McCanna, Edward P. (See Wintercorn, A. F., and McCanna.)
McCanna, Edward P., Rockford, assignor to Elgin Softener Corporation, Elgin, Ill. Rotary type multiport valve. 2,209,989; Aug. 6.
McCarroll, Francis, Lakehurst, N. J. Heavy load parachute device. 2,206,910; July 9.
McCarroll, Henry G., Detroit, assignor to The Dow Chemical Company, Midland, Mich. Sleeper coach arrangement. 2,208,679; July 23.
McCarroll, Russell H., Dearborn, Mich. Piston. 2,201,405; May 21.
McCarroll, Russell H., and C. A. Reams, Dearborn, and W. R. Powers, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Cupola type furnace construction. 2,209,786; July 30.
McCart, Lucien L., Forest Hills, N. Y., assignor to E. V. Snyder, Ridgewood, N. Y. Card slotter. Re. 21,534; Aug. 20.
McCart, Lucien L., Forest Hills, N. Y., assignor, by mesne assignments, to The McBee Company, Athens, Ohio. Device for slotting cards. 2,225,313; Dec. 17.
McCart, Lucien L., Forest Hills, N. Y., assignor, by mesne assignments, to The McBee Company, Athens, Ohio. Master plate for key punches. 2,225,314; Dec. 17.
McCarthy, Benjamin L., Buffalo, assignor to Wickwire Spencer Steel Company, New York, N. Y. Coating wire. 2,226,938; Dec. 31.
McCarthy, Charles M., Minneapolis, Minn. Belt handling device. 2,187,134; Jan. 16.
McCarthy, Charles S., assignor to The Logan Gear Company, Toledo, Ohio. Mechanism control. 2,189,268; Feb. 6.
McCarthy, Charles S., assignor to The Logan Gear Company, Toledo, Ohio. Mechanism control. 2,205,987; June 25.
McCarthy, Charles S., assignor to The Logan Gear Company, Toledo, Ohio. Control mechanism. 2,212,375; Aug. 20.
McCarthy, George L., Rye, and A. Novick, Flushing, N. Y.; said Novick assignor to said McCarthy. Photographing apparatus. Re. 21,365; Feb. 20.
McCarthy, Harry, Kewanee, Ill., and J. J. Curran, Greensburg, Pa., assignors to Walworth Patents Inc., Boston, Mass. Valve. 2,212,572; Aug. 27.
McCarthy, Henry J., Danvers, assignor to Hygrade Sylvania Corporation, Salem, Mass. Nontroboscopic discharge lamp unit. 2,195,114; Mar. 26.
McCarthy, Henry J., Danvers, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electric discharge lamp and starting device therefor. 2,195,115; Mar. 26.
McCarthy, Henry J., Danvers, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electric discharge lamp and starting device therefor. 2,222,485; Nov. 19.
McCarthy, Henry J., Danvers, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electric discharge lamp and starting device therefor. 2,224,828; Dec. 10.
McCarthy, Henry J., Danvers, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electric lamp socket. 2,224,829; Dec. 10.
McCarthy, John E., Tuckahoe, N. Y. Automatic radio station selector. 2,192,235; Mar. 5.
McCarthy, John J., Malden, Mass. Internal combustion engine. 2,188,368; Jan. 30.
McCarthy, John J., Malden, Mass. Internal combustion engine. 2,220,609; Nov. 5.
McCarthy, John P., Los Angeles, Calif. Amusement device. 2,220,455; Nov. 5.
McCarthy, John S. (See Small, Fred F., and Nagel, assignors.)
McCarthy, Joseph L., and H. Hibbert, Montreal, Quebec, and G. H. Tomlinson, Westmount, Quebec, assignors to Canada Paper Company, Montreal, Quebec, Canada. Purifying cellulosic material. 2,226,356; Dec. 24.
McCarthy, Joseph P., assignor to Modern Equipment Corporation, Defiance, Ohio. Ramp and stop for lifts. 2,222,111; Nov. 19.
McCarthy, Laurence J., Lakewood, Ohio. Oil cracking and polymerizing heater. 2,211,903; Aug. 20.
McCarthy, Lawrence J. (See Callaghan, A. J., and McCarthy.)
McCarthy, Lewis M., New York, N. Y. Snow disposal method. 2,192,320; Mar. 5
McCarthy, Percy J. (See Chace, C. H., Lingley, and McCarthy.)
McCarthy, Thomas J. (See Donnelly, E. F., and McCarthy.)
McCarthy, Timothy F., Indiana, Pa. Mining machine. 2,211,751; Aug. 20.
McCartney, Frederick W., assignor to Black & Decker Limited, Slough, England. Bearing mounting. 2,213,432; Sept. 3.
McCarty, Bernard Y. (See Manley, R. E., and McCarty.)
McCarty, Bernard Y. (See Manley, R. E., McCarty, and Overbaugh.)
McCarty, Bernard Y., Fishkill, assignor to The Texas Company, New York, N. Y. Producing a wax crystal modifying material. 2,219,691; Oct. 29.
McCarty, Daniel J., Los Angeles, Calif. Device for placing bag covers over garments. 2,226,173; Dec. 24.
McCarty, James, Omaha, Nebr. Television method and means. 2,195,676; Apr. 2.
McCarty, James R. (See Essex, G. N., and McCarty.)
McCarty, Lourdes V., assignor to Automatic Products Company, Milwaukee, Wis. Solenoid. 2,222,419; Nov. 19.
McCarty, Orin P., Pittsfield, Mass., assignor to General Electric Company. Time delay circuit. 2,216,595; Oct. 1.
McCarty, Orin P., Pittsfield, Mass., assignor to General Electric Company. Regulator control circuit. 2,216,596; Oct. 1.
McCarty, Verle E., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition system. 2,189,913; Feb. 13.
McCaskey, Perry A., assignor to The Minerva Wax Paper Company, Minerva, Ohio. Dispenser. 2,188,479; Jan. 30.
McCaskey, Perry A., Minerva, Ohio., assignor to Minerva Wax Paper Company, Minerva, Ohio. Dispensing container. 2,213,499; Sept. 3.
McCauley, Claud, Dallas, Tex., assignor to C. O. McCauley, Denver, Colo. Roller bracket. 2,217,067; Oct. 8.
McCauley, Clifford O. (See McCauley, Claud, assignor.)
McCauley, John J., Chicago, Ill. Foam removing utensil and strainer. 2,186,835; Jan. 9.
McCauley, John W., assignor of one-sixth to C. Cobb, Jr., and one-sixth to W. D. Scott, Chapel Hill, N. C. Bowling alley appliance. 2,217,256; Oct. 8.
McCauley, Myron D., Huntington Woods, Mich. Map holder. 2,209,990; Aug. 6.
McCauley, Roy B., Chicago Heights, Ill. Stable phosphide alloys of at least quaternary constituency. 2,194,982; Mar. 26.
McCausland, John W., assignor to Universal Oil Products Company, Chicago, Ill. Controlling reaction temperatures. 2,209,346; July 30.
McCaw, William W., Washington, D. C. Collapsible support for fluoroscopic units. 2,226,570; Dec. 31.
McClain, John, Chicago, Ill. Illuminating device 2,186,200; Jan. 9.
McClain, Leslie, Oklahoma City, Okla. Weighing scale. 2,186,256; Jan. 9.
McClammy, Herbert, Jr., Sunnyside, assignor to Foster Wheeler Corporation, New York, N. Y. Burner. 2,214,027; Sept. 10.
McClanahan, Thomas P. (See Moores, J., and McClanahan.)
McClary, Harold. (See Olmsted, C. E., and McClary.)
McClaskey, William C., New Philadelphia, assignor to Reeves Steel and Manufacturing Company, Dover, Ohio. Tub set. 2,223,075; Nov. 26.
McClay, David O., Seattle, Wash. Multiple chamber pneumatic tire. 2,196,814; Apr. 9.
McCleary, Henry R., Detroit, Mich. Window construction. 2,203,172; June 4.
McCleary, Nolen H., et al. (See Scurlock, Lewis H., assignor.)
McCleary, Nolen H., assignor to B. E. Lawrence, Chicago, Ill. Heating pad. Re. 21,474; June 4.
McCleary, Nolen H., assignor to B. E. Lawrence, Chicago, Ill. Heating pad. 2,185,692; Jan. 2.
McCleary, Ray L., Richardson Park, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Procedure for treating residual sulphuric acid liquors. 2,192,687; Mar. 5.

McCleary, Ray L., Richardson Park, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pigment material and making the same. 2,216,889; Oct. 8.
McCleary, Rush F. (See Bruson, H. A., and McCleary.)
McCleary, Walter E., Ottawa, Ill. Grapple of the hay-fork type. 2,212,350; Aug. 20.
McClellan, Claud. (See Beverly, Frank, assignor.)
McClellan, Fred C. (See Butler, Fred, assignor.)
McClellan, Marcus E., assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Vehicle supporting stand. 2,207,812; July 16.
McClelland, Bert. (See Aschenbach, E. L., and McClelland.)
McClelland, David, Maracaibo, Venezuela, assignor to I. H. Lyons, Los Angeles, Calif. Drill. 2,221,242; Nov. 12.
McClelland, Harold L. (See Dyer, F. C., and Campbell, assignors.)
McClelland, John H., Ferndale, Mich. Floor mat construction. 2,202,636; May 28.
McClew, John W., and C. R. Woodland, Liverpool, England, assignors to Associated Telephone and Telegraph Company, Chicago, Ill. Mechanical impulse repeater. 2,188,461; Jan. 30.
McClew, John W., Liverpool, and O. A. Pearce, Barnston, England, assignors to Associated Telephone & Telegraph Company, Chicago, Ill. Telephone system. 2,207,633; July 9.
McClintic, Robert H. (See Carlson, George W., assignor.)
McClintic, Robert H. (See Carlson, G. W., and Peterson, assignors.)
McClintock, Florence L., et al. (See Currier, Neil B., assignor.)
McClintock, Lynn H., et al. (See Currier, Neil B., assignor.)
McClintock, Raymond. (See Acheson, M. A., and McClintock.)
McClintock, Richard S., Spokane, Wash. Method and mold for setting diamonds. 2,223,220; Nov. 26.
McCloy, Graham S., East Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,186,984; Jan. 16.
McCloy, Graham S., East Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,214,697; Sept. 10.
McCluer, John D. (See Dowling, P. H., and McCluer.)
McCluer, Wilbert B. (See Fenske, M. R., and McCluer.)
McCluer, Wilbert B., and M. R. Fenske, State College, Pa., assignors to Pennsylvania Petroleum Research Corporation. Treating mineral oils. 2,191,767; Feb. 27.
McClung, Charles W., El Dorado, and P. Ransom, Shingle Springs, Calif. Protective visor for industrial hats. 2,204,688; June 18.
McClure, Charles B., Denver, Colo. Water temperature control valve. 2,197,586; Apr. 16.
McClure, Earl L., Milwaukee, Wis., assignor to The Ohio Brass Company, Mansfield, Ohio. Arc protecting device. 2,185,263; Jan. 2.
McClure, Raymond R., and J. P. Seguin, Painesville, Ohio, assignors to Diamond Alkali Company, Pittsburgh, Pa. Making fine particle alkaline earth metal carbonates. 2,188,663; Jan. 30.
McClure, Robert A., Kokomo, Ind. Device for drying hair. 2,189,430; Feb. 6.
McClure, Robert E., assignor to The Wean Engineering Company, Incorporated, Warren, Ohio. Timing mechanism. 2,193,254; Mar. 12.
McCollum, Andrew O. (See Scott, R. W., and McCollum.)
McCollum, Andrew O., assignor to Hydraulic Brake Company, Detroit, Mich. Braking system. 2,192,680; Mar. 5.
McCollum, Andrew O., Detroit, Mich., assignor to Bendix Home Appliances, Inc., South Bend, Ind. Valve. 2,201,782; May 21.
McCollum, Andrew O., and V. J. Lovett, assignors to Bendix Home Appliances, Inc., Detroit, Mich. Support for centrifuges. 2,190,455; Feb. 13.
McCollum, Elton V. (See Athy, L. F., and McCollum.)
McCollum, Henry J. D. (See McCollum, James H. K. and H. J. D.)
McCollum, Henry J. De N., Evanston, Ill. Automobile heater. 2,188,152; Jan. 23.
McCollum, Henry J. De N., Evanston, Ill. Automobile heating system. 2,190,671; Feb. 20.
McCollum, Henry J. De N., Evanston, Ill. Automobile heater. 2,191,173; Feb. 20.
McCollum, Henry J. De N., Evanston, Ill. Automobile heater. 2,191,174; Feb. 20.
McCollum, Henry J. De N., Evanston, Ill. Automobile heater. 2,191,175; Feb. 20.
McCollum, Henry J. De N., Evanston, Ill. Automobile heater. 2,191,176; Feb. 20.
McCollum, Henry J. De N., Evanston, Ill. Automobile heater. 2,191,177; Feb. 20.
McCollum, Henry J. De N., Chicago, Ill. Automobile heater. 2,191,178; Feb. 20.
McCollum, Henry J. De N., Evanston, Ill. Reigniter for automobile heaters. 2,192,688; Mar. 5.
McCollum, Henry J. De N., Evanston, Ill. Automobile heater. 2,200,232; May 7.
McCollum, Henry J. De N., Evanston, Ill. Automobile heater. 2,226,611; Dec. 31.
McCollum, Henry J. De N., Evanston, Ill. Automobile heater. 2,226,612; Dec. 31.
McCollum, Henry J. De N. Evanston, Ill. Heater. 2,226,613; Dec. 31.
McCollum, Henry J. D., Elberon, N. J. Inertia actuated valve device. 2,225,315; Dec. 17.
McCollum, Henry J. D. and J. H. K., Long Branch, N. J. Vacuum power clutch. Re. 21,491; June 25.
McCollum, Herbert C., Springfield, assignor to Allen & Garcia Company, Chicago, Ill. Mining machinery. 2,211,241; Aug. 13.
McCollum, James H. K. (See McCollum, Henry J. D. and J. H. K.)
McCollum, James H. K. and H. J. De N., Evanston, Ill. Manually controllable automatic clutch-operating mechanism. 2,193,487; Mar. 12.
McCollum, James H. K., and H. J. D., Long Branch, N. J. Vacuum power clutch. 2,219,269; Oct. 22.
McCollum, James H. K., and H. J. D., Evanston, Ill. Automatic clutch actuating mechanism. 2,219,270; Oct. 22.
McColm, Eugene M. (See Cake, W. E., and McColm.)
McComas, Charles F. (See Taylor, T. A., and McComas.)
McComb, James G., Chicago, Ill. Lighting device for use on bicycles and the like. 2,185,600; Jan. 2.
McConnel, Frederic W., Clifton-on-Teme, and G. A. Hinds, Malvern, assignors to McConnel Hinds Limited, Martley, Worcestshire, England. Hop-picking machine. 2,226,206; Dec. 24.
McConnel Hinds Limited. (See McConnel, F. W., and Hinds, assignors.)
McConnell, Earl J. (See Ducker, R. W., Boydston, McConnell, and Daniels.)
McConnell, Edmond S., Ossining, assignor to Anaconda Wire & Cable Company, New York, N. Y. Conductor with spun glass core. 2,193,429; Mar. 12.
McConnell, Fred I. (See Sutherlin, J., and McConnell.)
McConnell-Petermann Co. (See Buehler, Edward A., assignor.)
McConnell, Thomas, Northampton, assignor to Hampton Company, Easthampton, Mass. Treating fabric. 2,193,340; Mar. 12.
McCool, James H., Moline, Kans. Pocket for pool tables. 2,196,836; Apr. 9.
McCord, Alvin C., Chicago, Ill. Cleaning device. 2,226,630; Dec. 31.
McCorkhill, Jesse C., Jacksonville, Fla. Moisture absorbent. 2,202,742; May 28.
McCorkhill, Jesse C., Jacksonville, Fla., assignor, by mesne assignments, to The Guardite Corporation, Chicago, Ill. Treating tobacco. 2,217,931; Oct. 15.
McCorkhill, Jesse C., Jacksonville, Fla., assignor, by mesne assignments, to The Guardite Corporation. Treatment of tobacco. 2,217,932; Oct. 15.
McCorkle, D. H., Co. (See McCorkle, Donald H., assignor.)
McCorkle, Donald H., assignor to D. H. McCorkle Co., Berkeley, Calif. Electrical control for valves. 2,176,045; Jan. 16.
McCormack, Alex A. (See Hull, H. B., and McCormack.)
McCormack, Alex A. (See Newill, E. B., McCormack, Wolcott, and Smith.)
McCormack, Alfred E., Winnipeg, Manitoba, Canada. Power transmission device. 2,209,949; Aug. 6.
McCormack, Denis. (See Chappell, R. R., Colt, and McCormack.)
McCormack, Donald R. (See Rayner, Samuel I., assignor.)
McCormack, Proctor, et al. (See Helbing, George A., Jr., assignor.)
McCormick, Charles G., Queens Village, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Locking device. 2,219,451; Oct. 29.
McCormick, Francis H., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,214,060; Sept. 10.
McCormick, Francis H., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,217,804; Oct. 15.
McCormick, Gordon R. (See Dibble, M. A., McCormick, and Russell.)
McCormick, Gordon R., and R. G. Russell, Flint, Mich., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Renewable type filter. 2,201,628; May 21.
McCormick, Gordon R., and R. G. Russell, Flint, Mich., assignors to E. I. du Pont de Nemours & Company, Wimlington, Del. Filtering device. 2,208,135; July 16.
McCormick, Harold V., Westfield, assignor to Westinghouse Electric Elevator Company, Jersey City, N. J. Guiding gib for lower edge of elevator doors. 2,217,489; Oct. 8.
McCormick, Maurice D., assignor of one-half to S. Werdell, Chicago, Ill. Window. 2,207,065; July 9.
McCormick, Rembe, Chicago, Ill. Expansible croquignole curler. 2,214,233; Sept. 10.
McCormick, Thomas F., Oakland, and A. Lazar, Berkeley, assignors to Tide Water Associated Oil Company, San Francisco, Calif. Recovery of fatty acids. 2,196,421; Apr. 9.

McCormick, Thomas F., Martinez, assignor, by mesne assignments, to Tide Water Associated Oil Company, San Francisco, Calif. Desulphurizing petroleum oils. 2,219,109; Oct. 22.
McCornack, Herbert, Howey-in-The-Hills, assignor to McCornack Inventions, Inc., Howey, Fla. Centrifugal apparatus for cleaning and conditioning air. 2,187,573; Jan. 16.
McCornack Inventions, Inc. (See McCornack, Herbert, assignor.)
McCornick, George. (See Larsen, Charles F., assignor.)
McCornick, George. (See Larsen, C. F., and McCornick.)
McCortney, Willett J. (See Christman, R. W., and McCortney.)
McCowan, David A., Toronto, Ontario, Canada. Displaying, draining, and crushing apparatus for tin cans and the like. 2,191,488; Feb. 27.
McCowen, John L., Baline, Ballybrack, County Dublin, Ireland, assignor to Imperial Chemical Industries Limited. Electromagnetic material. 2,199,526; May 7.
McCown, Andrew R. (See Alborn, F. G., and Franks, assignors.)
McCown, Andrew R., Esquire, trustee. (See Franks, J. B., Jr., and Alborn, assignors.)
McCoy, Clifford T., Shawnee, Okla. Separating oil and gas. 2,190,104; Feb. 13.
McCoy, Dohrman. (See Peak, Ben H., assignor.)
McCoy, J. Rodman. (See Jensen, James A., assignor.)
McCoy, James W. (See Cooper, A. T. (assignor), and Valentine.)
McCoy, Justus E., Ellensburgh, Wash. Radiator curtain. 2,198,123; Apr. 23.
McCoy, Marion M. (See Sacks, P., and McCoy.)
McCoy, Rush O., Berwyn, Ill., assignor to Corn Products Refining Company, New York, N. Y. Steeping corn in the production of starch. 2,186,303; Jan. 9.
McCoy, Thomas, Oakland, and J. L. and M. Rosefield, Alameda, Calif., said McCoy and M. Rosefield assignors to J. L. Rosefield. Machine for making, filling, and sealing packages. 2,215,011; Sept. 17.
McCoy, William C., Shaker Heights, assignor to The General Tire & Rubber Company, Akron, Ohio. Clutch. 2,185,986; Jan. 2.
McCoy, William C., Shaker Heights, Ohio, assignor, by mesne assignments, to Jenkins Bros., Bridgeport, Conn. Valve. 2,219,190; Oct. 22.
McCracken, Fred. (See Thornhill, J. C. L., and McCracken.)
McCrae, James, Longonot Estate, Naivasha, Kenya Colony, East Africa. Mechanism for decorticating fibers obtained from the leaves of sisal and like plants. 2,197,242; Apr. 16.
McCrae, Thomas S., Jr. (See Hazen, R. M., and McCrae.)
McCrary, Wade, and V. H. Turner, Greenville, Miss. Electric sign. 2,220,258; Nov. 5.
McCray Refrigerator Company. (See Hopkins, George J., assignor.)
McCready, Donald W. (See Hall, K. W., and McCready.)
McCreary, Harold J., Genoa, Ill. Electromagnetic wave transmission. 2,187,908; Jan. 23.
McCreary, Harold J., Genoa, Ill., assignor to Chicago Television & Research Laboratories, Inc. Device for transferring liquids in vacuum. 2,192,140; Feb. 27.
McCreary, Harold J., Lombard, Ill. Communication system. 2,208,160; July 16.
McCreary, Roland A., assignor to Dritz-Traum Company, Inc., New York, N. Y. Commodity merchandising assemblage. 2,201,653; May 21.
McCreery, Thomas, Philadelphia, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Finishing composition. 2,189,530; Feb. 6.
McCrillis, Rolland E. (See Schultz, J., McCrillis, and Coaty.)
McCrory, Edward F., Pawtucket, R. I. Liquid dispensing system. 2,189,448; Feb. 6.
McCroskey, David C., assignor of one-half to C. W. Christenson, Portland, Oreg. Electrode holder and guide for arc lamps. 2,215,401; Sept. 17.
McCue, John B., Morgantown, W. Va. Horizontal rotary filter. 2,188,840; Jan. 30.
McCulloch, Alice H., et al. (See Kelso, Nyla Q., assignor.)
McCulloch, John W. (See Randolph, D. W., and McCulloch.)
McCulloch, Leon, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Crystalline boric oxide. 2,186,257; Jan. 9.
McCulloch, Thomas B., Baytown, Tex., and J. E. Pollock, Orpington, England, assignors to Standard Oil Development Company. Motor fuel. 2,209,204; July 23.
McCullough, Campbell R., Anniston, Ala., assignor to Monsanto Chemical Company. Production of alkali metal phosphates. 2,220,790; Nov. 5.
McCullough, Elson D. (See McCullough, Ruth E., assignor.)
McCullough, Hugh T., Marshall Hall, Md., assignor of one-half to R. L. Eacho, Washington, D. C. Cylinder head lifting and handling device. 2,208,221; July 16.
McCullough, Ira J. (See Tow, James O., assignor.)
McCullough, Ira J., Los Angeles, Calif. Gun perforator. 2,218,802; Oct. 22.
McCullough, Neel M., assignor to Pierce Governor Company, Anderson, Ind. Vehicle speed engine control device. 2,201,629; May 21.
McCullough, Paul J., assignor to Joseph Pavelka, St. Louis, Mo. Electrically heated container. 2,226,437; Dec. 24.
McCullough, Ruth E., assignor of one-half to E. D. McCullough, Pomeroy, Ohio. Infant's training commode. 2,193,371; Mar. 12.
McCullough, William E., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Bearing alloy. 2,210,593; Aug. 6.
McCullough, William T., assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf cutting machine. 2,219,746; Oct. 29.
McCune, Burton W., Bakersfield, Calif. Well casing perforation cleaner. 2,212,784; Aug. 27.
McCune, Francis K. (See Goss, J. H., and McCune.)
McCune, Francis K., Swampscott, Mass., assignor to General Electric Company. Magnetic motion amplifier. 2,201,836; May 21.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,194,764; Mar. 26.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Inertia type brake control apparatus. 2,208,768; July 23.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle brake. 2,218,614; Oct. 22.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle brake shoe. 2,218,615; Oct. 22.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,223,113; Nov. 26.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Inertia type brake control means. 2,223,114; Nov. 26.
McCune, Joseph C., Edgewood, and G. K. Newell, near Pitcairn, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,204,807; June 18.
McCune, Joseph C., Edgewood, and G. K. Newell, near Pitcairn, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake means. 2,218,616; Oct. 22.
McCurdy, Herschel E., Detroit, Mich. Traveling bag. 2,213,821; Sept. 3.
McCurdy, Howard, Walnut Park, Calif. Frequency and amplitude sound changer. 2,214,770; Sept. 17.
McCurdy, Howard, Walnut Park, Calif. Pulsation bleeding control muffler. 2,222,876; Nov. 26.
McCurdy, Howard, Walnut Park, Calif. Fluid muffler. 2,225,650; Dec. 24.
McCurdy, Ralph N. (See Jirka, J. F., McCurdy, Slager, and Ernest.)
McCurdy, Stewart L., Pittsburgh, Pa. Apparatus for feeding aggregate. 2,191,096; Feb. 20.
McCurley, Charles, Detroit, and R. E. Hansen, Grosse Pointe, assignors to Clayton & Lambert Manufacturing Company, Detroit, Mich. Tire cover. 2,208,593; July 23.
McCurley, Herman, deceased, late of Gary, Ind., by Mable M. McCurley, administratrix, Gary, Ind. Portable cover. 2,203,575; June 4.
McCurley, Mable M., administratrix. (See McCurley, Herman.)
McCurry, Franklin W., Wichita, Kans. Treatment of motor fuel. 2,214,749; Sept. 17.
McCutcheon, Clyde A., Coraopolis, Pa., assignor to Pittsburgh Forgings Company. Manufacture of metal articles. 2,202,016; May 28.
McCutcheon, Clyde A., Coraopolis, Pa., assignor to Pittsburgh Forgings Company. Metal-shaping apparatus. 2,202,018; May 28.
McDaniel, Ernest C., assignor, by mesne assignments, to Trailwagons Incorporated, Denver, Colo. Trailer hitch. 2,189,864; Feb. 13.
McDaniel, Ernest C., assignor, by mesne assignments, to Trailwagons Incorporated, Denver, Colo. Trailer frame. 2,196,338; Apr. 9.
McDaniel, George R., Cincinnati, Ohio, assignor to Diamond Alkali Company, Pittsburgh, Pa. Stable, hydrous, alkaline silicates. 2,206,289; July 2.
McDaniel, George R., Cincinnati, Ohio, assignor to Diamond Alkali Company, Pittsburgh, Pa. Making hydrous sodium silicates. 2,223,293; Nov. 26.
McDaniel, Robert R., et al. (See Smith, Russell H., assignor.)
McDaniels, Shryock P., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Container. 2,204,765; June 18.
McDannel, Clarence H. and C. O., Caldwell, Idaho. Device for injecting fluids into the soil. 2,218,652; Oct. 22.
McDannel, Clarence O. (See McDannel, Clarence H. and C. O.)
McDermott, Darwin D., San Jose, and E. J. Rimple, Santa Clara, Calif. Truck loader. 2,225,787; Dec. 24.
McDermott, Henry J. (See Allen, G. M., McDermott, and Pedlow.)
McDermott, Joseph J., Bronx, N. Y. Powder dispensing shoehorn. 2,223,076; Nov. 26.
McDermott, Thomas P., Boston, Mass. Self-closing temperature relief valve. 2,223,115; Nov. 26.

McDevitt, Harry J., Philadelphia, assignor to Gordon F. Milne, Rosemont, Pa. Filtering unit cleaner. 2,194,606; Mar. 26.

McDevitt, Harry J., Media, assignor to Gordon F. Milne, Rosemont, Pa. Cleaning and drying mechanism for air filters. 2,194,607; Mar. 26.

McDevitt, Harry J., Media, Pa., assignor, by mesne assignments, to Vulcan Manufacturing Co., Inc., St. Paul, Minn. Filtering unit cleaner. 2,226,870; Dec. 31.

McDonald, A. Y., Mfg. Co. (See Groen, Christopher, assignor.)

McDonald, Albert W., Elkhart, Ind. Foldable step for trailers. 2,209,576; July 30.

McDonald, Allen W., et al. (See Buchet, Conrad R., assignor.)

McDonald, Angus D., San Francisco, Calif. Luggage compartment for railway cars. 2,217,068; Oct. 8.

McDonald, Dan, Manhattan Beach, Calif., assignor to Engineering Incorporated. Dehydration. 2,187,208; Jan. 16.

McDonald, Dan, assignor to Engineering Incorporated, Los Angeles, Calif. Dehydration. 2,187,209; Jan. 16.

McDonald, Dan, assignor to Engineering Incorporated, Los Angeles, Calif. Storage tank gauge. 2,187,210; Jan. 16.

McDonald, Dan, assignor to Engineering Incorporated, Los Angeles, Calif. Vapor control. 2,194,862; Mar. 26.

McDonald, Dan, Los Angeles, Calif., assignor, by mesne assignments, to Engineering Incorporated. Removal and recovery of solvent. 2,198,412; Apr. 23.

McDonald, Dan, assignor to Engineering Incorporated, Los Angeles, Calif. Solvent extraction of oil from oleaginous material. 2,198,413; Apr. 23.

McDonald, Donald B., Quitman, Ga. Shoelace. 2,188,841; Jan. 30.

McDonald, Donald B., Quitman, Ga. Collapsible, detachable handle for paper drinking cups. 2,215,402; Sept. 17.

McDonald, Edward F., assignor to McDonald Products Corporation, Buffalo, N. Y. Ash receiver. 2,221,738; Nov. 12.

McDonald, Elmer W., Tustin, Mich. Road signal. 2,186,258; Jan. 9.

McDonald, Ernest P., assignor to A. E. Vandercook, Sacramento, Calif. Method and apparatus for classifying solids. 2,211,068; Aug. 13.

McDonald, Eugene F., Jr., Chicago, Ill. Radio apparatus. 2,200,674; May 14.

McDonald, Eugene F., Jr., Chicago, Ill. Radio control system. 2,216,671; Oct. 1.

McDonald, Francis A. (See Gibson, W. G., McDonald, and Chatterley.)

McDonald, Frank A., San Francisco, Calif. Quick coupling. 2,195,492; Apr. 2.

McDonald, George R., Oakland, Calif. Electrically operated sidereal clock. 2,224,268; Dec. 10.

McDonald, Hector M., Meeniyan, Gippsland, Victoria, Australia. Apparatus for the clarification and deodorization of milk and cream. 2,207,928; July 16.

McDonald, Henry E., Milsons Point, near Sydney, New South Wales, Australia. Sound reproducing apparatus. 2,194,664; Mar. 26.

McDonald, Irvin F., Los Angeles, Calif. Doughnut making apparatus. 2,189,217; Feb. 6.

McDonald, John C. (See Hanawalt, J. D., and McDonald.)

McDonald, John C., Annsville, near Peekskill, N. Y. Continuous train control and signal system. 2,193,292; Mar. 12.

McDonald, John C., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,221,243; Nov. 12.

McDonald, John C., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,221,244; Nov. 12.

McDonald, John C., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,221,246; Nov. 12.

McDonald, John C., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,221,247; Nov. 12.

McDonald, John C., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,221,251; Nov. 12.

McDonald, John C., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,221,252; Nov. 12.

McDonald, John C., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,221,255; Nov. 12.

McDonald, John C., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,221,256; Nov. 12.

McDonald, John C., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,221,257; Nov. 12.

McDonald, John C., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,221,258; Nov. 12.

McDonald, John C., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,221,259; Nov. 12.

McDonald, John C., and J. D. Hanawalt, assignors to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,221,249; Nov. 12.

McDonald, John U., Clinton, Mo. Producing gas. 2,204,902; June 18.

McDonald Products Corporation. (See McDonald, Edward F., assignor.)

McDonald, Renest, Cheboygan, Mich. Closing cap for collapsible dispensing tubes. 2,192,361; Mar. 5.

McDonald, Robert E., and G. J. Scholl, San Antonio, Tex.; dedicated to the free use of the People of the United States of America. Machine for the purpose of destroying the pink bollworm in cottonseed. 2,191,893; Feb. 27.

McDonald, Sterling B., Chicago, Ill. Color chart. 2,196,397; Apr. 9.

McDonald, William G., East St. Kilda, Victoria, Australia. Garden or hedge shears. 2,191,236; Feb. 20.

McDonald, William J. (See De Muth, Charles J., assignor.)

McDonald, William J., Kansas City, Mo. Carpenter's horse. 2,194,027; Mar. 19.

McDonald, William M., Oakville, Ontario, Canada. Oral prophylactic. 2,225,284; Dec. 17.

McDonald, William R., Los Angeles, Calif. Heart-beat recording scale. 2,219,692; Oct. 29.

McDonnell, Edward J., Fox Chapel, assignor to Blaw-Knox Company, Pittsburgh, Pa. Water-cooled furnace door frame. 2,211,544; Aug. 13.

McDonnell, Edward J., Fox Chapel, assignor to Blaw-Knox Company, Pittsburgh, Pa. Water cooled furnace door. 2,219,693; Oct. 29.

McDonnell, Everett N., et al. (See Carlson, Oscar F., assignor.)

McDonough, Everett G. (See Evans, R. L., and McDonough.)

McDonough, Lawrence E., Park Ridge, assignor to Maxant Button & Supply Co., Chicago, Ill. Ear muff. 2,216,954; Oct. 8.

McDougal, Taine G., A. H. Fessler, and H. B. Barlett, Flint, assignors to General Motors Corporation, Detroit, Mich. Ceramic body for spark plug insulators. 2,214,931; Sept. 17.

McDougal, Taine G., A. H. Fessler, and K. Schwartzwalder, Flint, assignors to General Motors Corporation, Detroit, Mich. Ceramic body. 2,218,584; Oct. 22.

McDougall, George F., assignor to Oregon Textile Machines, Inc., Portland, Oreg. Garment press. 2,203,359; June 4.

McDowell, Hugh, Jr., Los Angeles, Calif., assignor to Radio-Keith-Orpheum Corporation. Sound recording. Re. 21,389; Mar. 12.

McDowell, Irving. (See Elze, W. C., and McDowell.)

McDowell, William K., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,224,769; Dec. 10.

McDuffy, Nathan. (See Jones, Colonel Wyatt, assignor.)

McElevey, Clark A., assignor to The Day Company, Minneapolis, Minn. Housing for buffing wheels and the like. 2,225,225; Dec. 17.

McElgin, John, assignor to John J. Nesbitt, Inc., Philadelphia, Pa. Apparatus for remote automatic readjustable air stream control for unit ventilators. 2,216,350; Oct. 1.

McElroy, Arthur W. (See Anderson, W. H. L., King, and McElroy.)

McElroy, James A., Kansas City, Mo. Combination grain binder and shocker. 2,219,932; Oct. 29.

McElwaine, Clayton B., assignor of fifty-one percent to H. N. Greis, Tulsa, Okla. Pressure regulating valve. 2,192,141; Feb. 27.

McEntee, James A., assignor to The Chase-Shawmut Company, Newburyport, Mass. Fusible protective device for electric circuits. 2,210,036; Aug. 6.

McEvoy Company. (See McEvoy, J. H., and Howard, assignors.)

McEvoy, J. H., & Company. (See Howard, James H., assignor.)

McEvoy, Joseph H., and J. H. Howard, assignors to McEvoy Company, Houston, Tex. Oil well equipment. 2,205,988; June 25.

McEwen, Lawrence H., et al. (See Sumner, John S., assignor.)

McEwan, Matthew H. (See Krall, R. F., McEwan, and Buchanan.)

McEwen, Norman S., Ridgetop, and S. C. Ward, Nashville, Tenn., assignors to The American Laundry Machinery Company, Norwood, Cincinnati, Ohio. Automatic pressure control for flatwork ironers. 2,211,604; Aug. 13.

McFadden, Donald E. (See Ragatz, E. G., and McFadden.)

McFadden, Ray E. (See Hilger, W. P., McFadden, and Swalinkavich.)

McFadden, Ross M. (See Kayn, Stephen F., assignor.)

McFall, Thurlow E., Sparta, Mich. Piston ring. 2,220,344; Nov. 5.

McFarland, Frank R., assignor to Sheffield Steel Corporation, Kansas City, Mo. Reinforcement stirrup assembly. 2,225,226; Dec. 17.

McFarland, Samuel E., Los Angeles, Calif. Track signal control system. 2,186,201; Jan. 9.

McFarland, William E., Nutley, N. J., assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Writing machine. 2,202,958; June 4.

McFarlane, George W., Houston, Tex. Well swab. 2,224,916; Dec. 17.

McFarlane, John A. and W. W., Bellflower, Calif. Door operating device. 2,217,761; Oct. 15.
McFarlane, William W. (See McFarlane, John A. and W. W.)
McFarlin, John R., assignor to The Electric Service Supplies Company, Philadelphia, Pa. Lightning arrester. 2,192,773; Mar. 5.
McFaull, Malcolm. (See Mosley, J. H., and McFaull.)
McFee, Max, Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Ball valve. 2,196,503; Apr. 9.
McFerron, Alfred V., Rocky River, Ohio. Electrically operated signal system. 2,224,548; Dec. 10.
McGall, Philip K., assignor to Art Metal Work, Inc., Newark, N. J. Shaving device. 2,216,672; Oct. 1.
McGall, Philip K., assignor to Art Metal Works, Inc., Newark, N. J. Electric shaving device. 2,216,673; Oct. 1.
McGann, Andrew J., New York, N. Y. Device for cutting or scoring necks of bottles. 2,209,701; July 30.
McGann, Nellie C., Cortland, N. Y. Two-part support clamp. 2,195,893; Apr. 2.
McGarry, Harry H., Bellaire, Ohio. Coupler. 2,208,277; July 16.
McGary, Burns T. (See Ewald, G., and McGary.)
McGary, Francis L., Hardinsburg, Ky. Shears. 2,207,222; July 9.
McGary, Francis L., Hardinsburg, Ky. Bench shear. 2,207,223; July 9.
McGaughey, Robert B., et al. (See Long, R. G., and French, assignors.)
McGavack, John. (See Gibbons, W. A., and McGavack.)
McGavack, John, Leonia, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Preservation of latex. 2,186,202; Jan. 9.
McGavack, John, Leonia, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Rubber insulated electrical conductor. 2,192,980; Mar. 12.
McGavack, John, Leonia, and C. E. Linscott, Ridgewood, N. J., assignors to United States Rubber Company, New York, N. Y. Crude rubber and making same. 2,213,321; Sept. 3.
McGavock, William C., Berkeley, Calif., assignor, by mesne assignments, to The Dow Chemical Company, Midland, Mich. Condensing sublimed materials. 2,214,838; Sept. 17.
McGaw, Sidney A., Albany, Calif. Ladder. 2,192,521; Mar. 5.
McGay, John B., Tulsa, Okla. Converting means. 2,211,755; Aug. 20.
McGee, James D., G. S. P. Freeman, and W. S. Brown, London, assignors to Electric & Musical Industries Limited, Middlesex, England. Electronic image indicating device. 2,185,601; Jan. 2.
McGee, James D., Ealing, London, H. G. Lubszynski, Hillingdon, and F. Blythen, Hayes, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Television transmitting system. 2,215,186; Sept. 17.
McGee, John R., Chicago, Ill. Can bank. 2,218,431; Oct. 15.
McGee, Joseph W. (See Levin, D. E., and McGee.)
McGee, Richard T., assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Manufacture of structural members. 2,201,316; May 21.
McGee, Richard T., assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Building construction. 2,216,319; Oct. 1.
McGee, Thomas L., Rosemead, Calif., assignor to Jenkins Petroleum Process Company, Chicago, Ill. Preventing the corrosive action of sulphur-bearing petroleum hydrocarbons. 2,185,380; Jan. 2.
McGehee, Ira E., Houston, Tex. Timing device. 2,199,645; May 7.
McGehee, Ira E., and L. W. Krall, Houston, Tex. Parking meter. 2,199,646; May 7.
McGerry, James J. (See Flanders, F. L., and McGerry.)
McGhee, Charles R., Gastonia, N. C., and J. W. Woodruff, Columbus, Ga.; said McGhee assignor to said Woodruff. Dyeing masses or raw fiber and drying the same. 2,205,958; June 25.
McGiffert, John R., assignor to Clyde Iron Works, Inc., Duluth, Minn. Yarder mounting. 2,187,909; Jan. 23.
McGill, Chester T., Elgin, Ill. Multiport valve. 2,209,991; Aug. 6.
McGill, Chester T., Elgin, Ill. Multiport lift-turn valve. 2,209,992; Aug. 6.
McGill, Chester T., Elgin, Ill. Multiport valve. 2,209,993; Aug. 6.
McGill, Chester T., Elgin, Ill. Rotary type multiport valve. 2,209,994; Aug. 6.
McGill, Chester T., Elgin, Ill. Water conditioning equipment. 2,217,692; Oct. 15.
McGill, James R., assignor to Superior Manufacturing Company, Amarillo, Tex. Water treating apparatus. 2,198,124; Apr. 23.
McGill, John H., Winchester, assignor to B. B. Chemical Co., Boston, Mass. Heel construction. 2,189,811; Feb. 13.
McGill, John H., Winchester, assignor to B. B. Chemical Co., Boston, Mass. Treating leather and product. 2,217,961; Oct. 15.
McGill, John H. Denton, Manchester, England, assignor to Imperial Chemical Industries, Limited. Coated fabric and the production thereof. 2,208,640; July 23.
McGill, John H., Winchester, and W. H. Wedger, Belmont, assignors to B. B. Chemical Co., Boston, Mass. Shoe heel construction. 2,189,812; Feb. 13.
McGill, John H., Winchester, and W. H. Wedger, Belmont, assignors to B. B. Chemical Co., Boston, Mass. Treated leather and process of preparing. 2,217,762; Oct. 15.
McGill Manufacturing Company. (See Cederberg, Olof V., assignor.)
McGill Manufacturing Company. (See Popp, Rudolf, assignor.)
McGill Manufacturing Company. (See Popp, R., and Carlson, assignors.)
McGill Metal Products Company. (See Houtsinger, H. J., and Stilson, assignors.)
McGill, Ralph J., San Francisco, Calif. Bottle breaker. 2,185,349; Jan. 2.
McGill, Russell, & Arden, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Monocarboxylic acid esters. 2,198,172; Apr. 23.
McGinley, Joseph C. (See Kirk, M. J., and Jacob, and McGinley.)
McGinley, William, Waterloo, Iowa. Radiator and ventilating system for motor vehicles. 2,221,985; Nov. 19.
McGinnis, Archibald B., and C. C. Webb, assignors to Wheeling Stamping Company, Wheeling, W. Va. Applicator cap. 2,210,766; Aug. 6.
McGinnis, Orris. (See Wheeler, H. H., McGinnis, and Thordarson.)
McGinnis, Thomas B., Big Spring, Tex. Hand sander. 2,206,482; July 2.
McGlaughlin, John P., Crugers, N. Y. Process and apparatus for treating materials in centrifugals. 2,186,836; Jan. 9.
McGloin, Francis J., London, England. Memoranda tablet or pad, diary, and the like. 2,223,917; Dec. 3.
McGohan, George W. (See Canfield, J. J., and McGohan.)
McGoldrick, Raymond T., Washington, D. C. Vibration neutralizer. 2,226,571; Dec. 31.
McGoldrick, William J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel burner control system. 2,194,245; Mar. 19.
McGoldrick, William J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motor operated mechanism. 2,195,219; Mar. 26.
McGoldrick, William J., and A. B. Newton, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,200,241; May 14.
McGovern, Edward M., and P. Schrick, Hillside, N. J., assignors to Lempco Products, Inc., Cleveland, Ohio. Grinding tool. 2,195,493; Apr. 2.
McGowan, Michael E., Bloomfield, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Machine for sealing-in and molding lamp bulbs. 2,212,842; Aug. 27.
McGowan, Roger G., Youngstown, Ohio. Locomotive and car wheel grinding machine. 2,215,403; Sept. 17.
McGowan, Thomas R., Pittsburgh, assignor to The American Brake Company, Swissvale, Pa. Brake rigging. 2,192,270; Mar. 5.
McGowan, Thomas R., Pittsburgh, assignor to The American Brake Company, Swissvale, Pa. Brake rigging. 2,221,714; Nov. 12.
McGown, Arthur W., Challis, Idaho. Safety razor. 2,210,767; Aug. 6.
McGrady, Leon L., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Window container stock and container made therefrom. 2,218,246; Oct. 15.
McGrane, John E., assignor of one-half to E. J. Boos, Cincinnati, Ohio. Brake and clutch attachment. 2,207,328; July 9.
McGrath, James. (See Crawford, J. W. C., and McGrath.)
McGrath, Robert L., Salem, assignor to The Tanning Process Company, Boston, Mass. Tanning of hides and skins. 2,226,776; Dec. 31.
McGrath, William L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature regulating system. 2,189,381; Feb. 6.
McGrath, William L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,189,382; Feb. 6.
McGrath, William L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigeration control system. 2,191,965; Feb. 27.
McGrath, William L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,209,926; July 30.
McGrath, William L., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigeration system. 2,195,220; Mar. 26.
McGrath, William L., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic reset mechanism. 2,208,563; July 23.
McGrath, William L., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heating system. 2,211,573; Aug. 13.
McGrath, William L., St. Paul, assignor to Minneapolis-Honeywell Company, Minneapolis, Minn. Two-stage relay. 2,211,701; Aug. 13.

McGrath, William L., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Pneumatic system. 2,213,446; Sept. 3.
McGrath, William L., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner control system. 2,216,556; Oct. 1.
McGrath, William L., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Cooling system. 2,221,167; Nov. 12.
McGrath, William L., and M. P. Whitney, Elmira, N. Y., assignors, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,199,505; May 7.
McGrath, William L., and E. E. Hood, Elmira, N. Y., assignors to Bendix Aviation Corporation, South Bend, Ind. Backpedaling hub brake. 2,215,970; Sept. 24.
McGraw Electric Company. (See Biebel, Herman M., assignor.)
McGraw Electric Company. (See Ireland, Murray, assignor.)
McGraw Electric Company. (See Sardeson, Robert, assignor.)
McGraw Electric Company. (See Scharf, Frank W., assignor.)
McGraw, George P., Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Spray booth. 2,217,345; Oct. 8.
McGraw, William F., Detroit, Mich. Flexible nozzle extension. 2,193,036; Mar. 12.
McGregor, Frederick A. (See Crowell, O. B., and McGregor.)
McGregor, Rob R., Swissvale, and E. L. Warrick, West View, Pa., assignors to Corning Glass Works, Corning, N. Y. Mortar-bonded glass and the like structure. 2,215,048; Sept. 17.
McGregor, Thomas A. (See Saunders, W. S., and McGregor.)
McGregor, Thomas A., assignor to The American Forging and Socket Company, Pontiac, Mich. Adjustable support. 2,210,727; Aug. 6.
McGregor, Thomas A., assignor to The American Forging & Socket Company, Pontiac, Mich. Control mechanism. 2,213,322; Sept. 3.
McGregor, Thomas A., assignor to American Forging & Socket Company, Pontiac, Mich. Adjustable support and locking means therefor. 2,215,012; Sept. 17.
McGrete, Albert J., Oakland, Calif., assignor to Bernhard Kilian, Alameda, Calif. Trolling attachment for motorboats. 2,226,007; Dec. 24.
McGrew, Henry R., Monterey, Calif. Fish entrails extractor. 2,192,838; Mar. 5.
McGrew, John A., Albany, N. Y. Reversible propulsion unit. 2,189,471; Feb. 6.
McGrew, John A., Albany, N. Y. Railway track construction. 2,210,334; Aug. 6.
McGrew, John A., Albany, N. Y. Locomotive. 2,214,424; Sept. 10.
McGrew, Orville V., Chicago, Ill. Apparatus for applying a plastic insulating composition. 2,201,736; May 21.
McGuffee, Lula J. (See McGuffee, William M., assignor.)
McGuffee, William M., assignor of one-half to L. J. McGuffee, Hamlin, Tex. Oil treating apparatus. 2,226,470; Dec. 24.
McGugin, Frank W., Richmond, Calif. Clothespin. 2,202,352; May 28.
McGuire, Clarence V., Grosse Pointe, Mich., assignor to Airfilm Corporation. Composite pneumatic material. 2,189,813; Feb. 13.
McGuire, Eugene C., H. D. Oberdorfer, and R. H. Van Buskirk, assignors to Newcastle Products Inc., Newcastle, Ind. Foldable closure. 2,220,939; Nov. 12.
McGuire, V. B., Manufacturing Company. (See Self, Clarence L., assignor.)
McGunn, John V., Chicago, Ill. Electric time lock for safes. 2,202,534; May 28.
McHale, Michael J., Scranton, Pa. Flier construction. 2,187,862; Jan. 23.
McHale, Michael J., Scranton, Pa. Flier construction. 2,212,299; Aug. 20.
McHale, Thomas D., Los Angeles, Calif. Strainer. 2,185,512; Jan. 2.
McHardy, Charles G. R. (See Johnson, T. A., McHardy, and Thompson.)
McHenry, Albert L., Mifflinville, Pa. Toy. 2,216,497; Oct. 1.
McHenry, John J., Detroit, assignor to Daisy Manufacturing Company, Plymouth, Mich. Piston for air guns. 2,204,372; June 11.
McHugh, Anthony L., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Sealing device. 2,220,771; Nov. 5.
McHugh, Anthony L., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Sealing device. 2,222,779; Nov. 26.
McHugh, Joseph P., Scranton, Pa., assignor, by mesne assignments, to Industrial Machine Corporation. Apparatus for group package forming. 2,209,840; July 30.
McHugh, Joseph P., Scranton, Pa., assignor, by mesne assignments, to Industrial Machine Corporation. Multiple down-spinning apparatus. 2,209,841; July 30.
McHugh, Joseph P., Scranton, Pa., assignor to Industrial Machine Corporation, New York, N. Y. Traverse motion. 2,222,820; Nov. 26.
McHugh, Joseph P., Pawtucket, R. I., assignor, by mesne assignments, to Industrial Machine Corporation. Throwing machine. 2,216,647; Oct. 1.
McHugh, Joseph P., Pawtucket, R. I., assignor, by mesne assignments, to Industrial Machine Corporation. Combined doubling and twisting machine. 2,216,648; Oct. 1.
McIlhiney, Donald W., Great Neck, N. Y. Automatic control apparatus. 2,194,184; Mar. 19.
McIlvaine Burner Corporation. (See McIlvaine, J. H., and Hollman, assignors.)
McIlvaine, John H., and P. I. Hollman, assignors to McIlvaine Burner Corporation, Chicago, Ill. Liquid fuel burner. 2,193,829; Mar. 19.
McIlvaine, John H., and P. I. Hollman, Philadelphia, Pa., assignors to McIlvaine Burner Corporation, Chicago, Ill. Liquid fuel burner. 2,208,851; July 23.
McIlvried, Edwin J. (See Penn, Ralph L. and R. W., and Nye.)
McInnis, Daniel K., and R. B. Aldrich, New Orleans, La. Container. 2,185,796; Jan. 2.
McIntire, Charles V., Short Hills, and W. Tiddy, assignors to Semet-Solvay Engineering Corporation, New York, N. Y. Carbureted water gas apparatus. 2,195,465; Apr. 2.
McIntire, George W., Pottsville, Pa. Minnow net. 2,187,460; Jan. 16.
McIntire, James E., Peabody, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Trimming machine. 2,199,506; May 7.
McIntire, James F., assignor to United States Radiator Corporation, Detroit, Mich. Heating plant. 2,209,531; July 30.
McIntosh, Alan J., et al. (See Strange, Charles C., assignor.)
McIntosh, John E., and H. Uren, Chigwell, England, assignors to Briggs Manufacturing Company, Detroit, Mich. Welding apparatus. 2,206,549; July 2.
McIntosh, Maurice D., assignor to L. S. Sanders, Cleveland, Ohio. Drawing and method of and medium for making the same. 2,224,269; Dec. 10.
McIntosh, Maurice D., assignor to Louis S. Sanders, Cleveland, Ohio. Media, process for the representation of figures, designs, drawing, etc., thereon and making said media. 2,224,654; Dec. 10.
McIntosh, Robert D., River Forest, assignor to The Imperial Brass Manufacturing Co., Chicago, Ill. Tube flanging tool. 2,211,242; Aug. 13.
McIntosh, Robert D., River Forest, assignor to The Imperial Brass Manufacturing Co., Chicago, Ill. Resilient coupling for tubing. 2,212,745; Aug. 27.
McIntosh, Roy E., assignor to Star Expansion Bolt Company, New York, N. Y. Making and assembling expansion shields. 2,204,373; June 11.
McIntyre, Brouwer D., assignor to Monroe Auto Equipment Company, Monroe, Mich. Stabilizer for vehicles. 2,194,832; Mar. 26.
McIntyre, Brouwer D., assignor to Monroe Auto Equipment Company, Monroe, Mich. Connector. 2,201,590; May 21.
McIntyre, Charles D., Portland, Oreg. Ski slide. 2,224,405; Dec. 10.
McIntyre, Cornelius F. (See Diebel, William D., assignor.)
McIntyre, Glenn H., Cleveland Heights, M. J. Bahnsen, Lakewood, and B. J. Sweo, assignors to Ferro Enamel Corporation, Cleveland, Ohio. Opacifier. 2,189,148; Feb. 6.
McIntyre, Hugh, Kirkland Lake, Ontario, Canada. Vehicle. 2,220,418; Nov. 5.
McIntyre, Hugh, Kirkland Lake, Ontario, Canada. Injector pump for Diesel internal combustion engines. 2,225,788; Dec. 24.
McIntyre, John T., Johannesburg, Transvaal, Union of South Africa. Apparatus for allaying dust from rock drills. 2,201,270; May 21.
McIntyre, John T., assignor to Macard Screws, Limited, Johannesburg, Transvaal Province, Union of South Africa. Screw type fluid propelling apparatus. 2,224,519; Dec. 10.
McIntyre, William F. (See Hassan, Joseph A., assignor.)
McKay, Hunter, Belmont, assignor to Boston Woven Hose & Rubber Company, Cambridge, Mass. Rubberized belting and making the same. 2,221,984; Nov. 19.
McKay, John A., Manufacturing Company, The. (See Lynch, Patrick H., Sr., assignor.)
McKay Machine Company. (See Johnston, Dwight A., assignor.)
McKeag, Alfred H. (See Jenkins, H. G., and McKeag.)
McKeag, Alfred H., Middlesex, England, assignor to General Electric Company. Luminescent material and preparation thereof. 2,201,698; May 21.
McKeag, Alfred H., Wembley, England, assignor to General Electric Company. Luminescent material. 2,214,643; Sept. 10.
McKeag, Alfred H., Wembley, England, assignor to General Electric Company. Luminescent material. 2,223,425; Dec. 3.
McKeag, Alfred H., North Wembley, England, assignor to General Electric Company. Luminescent material. 2,225,704; Dec. 24.
McKeag, Alfred H., Middlesex, England, assignor to General Electric Company. Luminescent material. 2,226,407; Dec. 24.

McKeag, Alfred H., Kenton, and J. T. Randall, Northfield, Birmingham, England, assignors to General Electric Company. Combination of a source of radiation with material adapted to be excited to luminescence by the radiation. 2,191,351; Feb. 20.
McKeag, Alfred H., Wembley, and J. T. Randall, Northfield, Birmingham, England, assignors to General Electric Company. Sources of light comprising an electric discharge device and luminescent material adapted to be excited by the discharge therein. 2,223,426; Dec. 3.
McKean, Boyd A., Erie, assignor to Titan Tool Company, Fairview, Pa. Screw driving device. 2,216,557; Oct. 1.
McKechnie, Ian C. (See Cochran, W. H., and McKechnie.)
McKee, Arthur G., Cleveland, Ohio. Gas burner. 2,225,751; Dec. 24.
McKee Brothers Corporation. (See McKee, Glenn L., assignor.)
McKee, Donald E., assignor of one-half to H. F. Spreen, Fort Worth, Tex. Borehole inclination transmitter. 2,201,909; May 21.
McKee, Garnet W. (See Palmer, Valentine P., assignor.)
McKee, Garnet W. (See Stadler, Albert, assignor.)
McKee, Garnet W., Rockford, Ill. Ventilating apparatus. 2,206,858; July 2.
McKee, Glenn L., assignor to McKee Brothers Corporation, Bakersfield, Calif. Banding device. 2,218,717; Oct. 22.
McKee, Glenn L., assignor to McKee Brothers Corporation, Bakersfield, Calif. Coupling. 2,193,199; Mar. 12.
McKee, Harry H., assignor to Industrial Patents Corporation, Chicago, Ill. Sausage treating apparatus. 2,190,432; Feb. 13.
McKee, James H., Pittsburgh, Pa., assignor, by mesne assignments, to Curtiss-Wright Corporation, New York, N. Y. Making aircraft propeller blades. 2,214,338; Sept. 10.
McKee, James H., Pittsburgh, Pa., assignor, by mesne assignments, to Curtiss-Wright Corporation, New York, N. Y. Making hollow ribbed propeller blades. 2,214,339; Sept. 10.
McKee, John E. (See Potts, R. H., and McKee.)
McKee, John R., Jr., assignor to American Steel Band Company, Pittsburgh, Pa. Construction material for roofing, siding, and the like. 2,216,206; Oct. 1.
McKee, Roy, Tulsa, Okla. Electrocuting trap. 2,218,403; Oct. 15.
McKee, Wesley McI. (See Jolly, S. E., and McKee.)
McKeesport Tin Plate Corporation. (See Engstrom, Everett E., assignor.)
McKeesport Tin Plate Corporation. (See Hopkins, Arthur G., assignor.)
McKeever, Garnett R., et al. (See Rich, David, assignor.)
McKeever, Roy S., Tulsa, Okla., assignor, by mesne assignments, to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Oil and gas separator. 2,204,509; June 11.
McKeever, Roy S., Tulsa, Okla., assignor, by mesne assignments, to Parkersburg Rig & Reel Company, Parkersburg, W. Va. Liquid transferring apparatus. 2,211,282; Aug. 13.
McKeige, Edward E., and N. L. Case, Girard, Pa., assignors to Louis Marx & Company, Inc., New York, N. Y. Block signal and train control system for toy railroads. 2,188,756; Jan. 30.
McKeirnan, William C., Gazelle, assignor of one-half to C. S. Davidson, Weed, Calif. Ore mill. 2,222,821; Nov. 26.
McKelvie, Archie J., Vancouver Island, British Columbia, Canada. Necktie rack. 2,196,118; Apr. 2.
McKelvy, Addison P., Kansas City, Mo., assignor to A. D. McKelvy, New York, N. Y. Vending machine. 2,202,112; May 28.
McKelvy, Alfred D. (See McKelvy, Addison P., assignor.)
McKenna, James C., assignor to Diamond Alkali Company, Pittsburgh, Pa. Car unloading. 2,190,726; Feb. 20.
McKenna, James C., assignor to Diamond Alkali Company, Pittsburgh, Pa. Unloading freight cars. 2,190,727; Feb. 20.
McKenna Metals Company. (See McKenna, Philip M., assignor.)
McKenna, P. A. (See Roe, Emmett J., assignor.)
McKenna, Philip M., Unity Township, Westmoreland County, assignor to McKenna Metals Company, Latrobe, Pa. Producing an article of tortuous shape. 2,220,018; Oct. 29.
McKenna-Rott Equipment Corp. (See McKenna, William, assignor.)
McKenna-Rott Equipment Corp. (See McKenna, William H., assignor.)
McKenna, Thomas L. (See Zizinia, P. T., and McKenna.)
McKenna, William, Erie, Pa., assignor to McKenna-Rott Equipment Corp., New York, N. Y. Apparatus for washing hollow vessels. 2,189,761; Feb. 13.
McKenna, William H., Erie Pa., assignor to McKenna-Rott Equipment Corp., New York, N. Y. Sterilization. 2,191,799; Feb. 27.
McKenney, Fred Y., Red Bank, assignor to Cumberland Case Company, Chattanooga, Tenn. Container structure. 2,216,417; Oct. 1.
McKenney, Robert M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Rutile pigment from barium titanate. 2,193,563; Mar. 12.
McKenzie, Henry E., Yemassee, S. C. Attachment for target traps. 2,191,618; Feb. 27.
McKenzie, John H., assignor to Marbon Corporation, Chicago, Ill. Gel retarding agent. 2,218,617; Oct. 22.
McKeon, Thomas J., Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Continuous esterification. 2,208,770; July 23.
McKeon, Thomas J., C. Pyle, 3rd, and R. T. Van Ness, Parlin, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Continuous esterification. 2,208,769; July 23.
McKeown, John H. (See Coleshill, F. R., and McKeown.)
McKeown, John L., Winnetka, Ill. Building construction. 2,214,886; Sept. 17.
McKeown, John L., Winnetka, Ill. Game. 2,220,823; Nov. 5.
McKerlie, George F., assignor to Kirsch Company, Sturgis, Mich. Venetian blind tilt mechanism. 2,223,633; Dec. 3.
McKernan, Arnold J., Richmond Hill, N. Y., and E. J. Sabol, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Rail bond. 2,213,990; Sept. 10.
McKesson, Martha F. (See Bloomheart, John L., assignor.)
McKesson & Robbins, Inc., et al. (See Siemers, Gustav F., assignor.)
McKiernan-Terry Corporation. (See Kahlerth, Carl W., assignor.)
McKillop, Kebir G., Vancouver, British Columbia, Canada. Candy machine. 2,217,285; Oct. 8.
McKim, Harry C. (See Wheeler, J., McKim, and Riley.)
McKim, Orville E., Port Chester, N. Y. Preparation for cleaning removable dentures. 2,201,098; May 14.
McKinley, Boyd R., Los Angeles, Calif. Formation tester. 2,197,078; Apr. 16.
McKinley, Charles W., L. B. Smith, and C. B. Dinsmore, Flint, assignors to General Motors Corporation, Detroit, Mich. Speed cup balancing machine. 2,195,252; Mar. 26.
McKinley, David R., and P. J. Van Norden, Kalamazoo, Mich. Paper slitter. 2,187,211; Jan. 16.
McKinley, Joseph B. (See Stevens, D. R., and McKinley.)
McKinney, Ansel, assignor of one-half to H. W. McKinney, El Paso, Tex. Cuticle protector and pusher. 2,209,167; July 23.
McKinney, Edwin L., and H. E. Eagle, assignors of one-fifth to C. Wondra and M. C. Fitzgerald, Victorville, Calif. Automatic starting device for internal combustion engines. 2,192,289; Mar. 5.
McKinney, Hance W. (See McKinney, Ansel, assignor.)
McKinney Manufacturing Company. (See Roth, Harry M., assignor.)
McKinney, Robert L., Pittsburgh, Pa. Automatic deck support. 2,216,445; Oct. 1.
McKinney, Robert M. (See Hanahan, M. L., and McKinney.)
McKinney, Robert M., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Producing white titanium dioxide pigments of predetermined subordinate tints. 2,192 501; Mar. 5.
McKinney, Robert M., Roselle, Del., and C. E. Smith, Catonsville, Md., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Colored titanium dioxide pigments. Re. 21,427; Apr. 16.
McKinney, Paul V. (See Frey, F. E., McKinney, and Wood.)
McKinney, Robert S., Chevy Chase, Md., dedicated to the free use of the People of the United States of America. Treating oils. 2,185,414; Jan. 2.
McKinney, Thurman R., Shawnee, Okla. Handle. 2,200,698; May 14.
McKinnie, Earl C. (See Stair, J. L., and McKinnie.)
McKinnis, Ronald B., Highlands City, assignor to Sunshine Foods Inc., Winter Haven, Fla. Extracting fruit and vegetable juices. 2,226,513; Dec. 24.
McKinnon, Alexander E. (See Crawford, D. A., McKinnon, and Apel.)
McKinnon, Archibald L., St. Catharines, Ontario, Canada, assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Making links and antiskid cross chains therefrom. 2,223,942; Dec. 3.
McKinnon, John A. (See Jackson, J. B., and McKinnon.)
McKinstry, C. H., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Locomotive brake equipment. 2,208,771; July 23.
McKisson, Henry W. (See Myers, Hubert A., assignor.)
McKittrick, Donald S. (See Tijmstra, S., and McKittrick.)
McKittrick, Donald S., Oakland, assignor to Shell Development Company, San Francisco, Calif. Desulphurizing mineral oils. 2,204,903; June 18.
McKittrick, Donald S., Oakland, and H. J. Henriques, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Solvent and process for dewaxing mineral oils. 2,225,403; Dec. 17.
McKone, Charles W., deceased, Washington, D. C.; M. W. McKone, administratrix. Pneumatic tire. 2,198,586; Apr. 23.
McKone, Martha W., administratrix. (See McKone, Charles W.)

McLachlan, Willard J., Scotia, N. Y., and W. E. Birchard, Pittsfield, Mass., assignors to General Electric Company. Electric circuits. 2,185,707; Jan. 2.
McLachlan, Willard J., Scotia, N. Y., assignor to General Electric Company. Line drop compensator. 2,218,762; Oct. 22.
McLain, Fremont H., Wellsville, Ohio. Clothesline hook. 2,187,325; Jan. 16.
McLain, Fremont H., Wellsville, Ohio. Self-oiling swing hook. 2,201,046; May 14.
McLaren, John H., New York, N. Y. Folder. 2,204,095; June 11.
McLaren, John H., New York, N. Y. Fastener. 2,206,536; July 2.
McLaren, John H., New York, N. Y. Gusset type envelope or file. 2,219,526; Oct. 29.
McLaren, Peter J. (See Maxson, W. L., and McLaren.)
McLarn, Ernest S., Manhasset, assignor to International Standard Electric Corporation, New York, N. Y. Telephone transmitter. 2,191,992; Feb. 27.
McLarn, Ernest S., Manhasset, assignor to International Standard Electric Corporation, New York, N. Y. Telephone hand-set with combined transmitter and dial. 2,191,993; Feb. 27.
McLarn, Ernest S., Manhasset, assignor to International Standard Electric Corporation, New York, N. Y. Multiconductor telephone cord and connector. 2,226,733; Dec. 31.
McLarn, Ernest S., Manhasset, assignor to International Standard Electric Corporation, New York, N. Y. Telephone subset. 2,226,734; Dec. 31.
McLauchlan, Arthur B., Salem, Oreg. Fruit and vegetable grader. 2,223,455; Dec. 3.
McLaughlin, F. L., et al. (See Burke, James P., assignor.)
McLaughlin, F. L. (See Jorgensen, Julius, assignor.)
McLaughlin, Frank L., Detroit, Mich. Snap fastener. 2,208,008; July 16.
McLaughlin, J. Beverley, et al. (See Bole, Floyd E., assignor.)
McLaughlin, John E., Alton, and A. S. Jackson, Wood River, Ill., assignors to Owens-Illinois Glass Company. Stenciling apparatus. 2,207,351; July 9.
McLaughlin, John J., assignor to Buffalo Bolt Company, North Tonawanda, N. Y. Machine and method for making nut blanks. 2,221,598; Nov. 12.
McLaughlin, Kenneth M., Arlington, and H. R. Seelen, South Orange, N. J., assignors to Radio Corporation of America. Electrode support. 2,206,511; July 2.
McLaughlin, May L., Fairfield, Conn. Face lifter. Re. 21,509; July 16.
McLaughlin & Wallenstein. (See Hill, L. O., and Isenberg, assignors.)
McLaughlin, William E., assignor to The American Rolling Mill Company, Middletown, Ohio. Flying cut-off machine. 2,196,639; Apr. 9.
McLauthlin, Herbert G., Lexington, Mass. Combination packing case and desk. 2,222,318; Nov. 19.
McLean, Daniel O., assignor to Ten-O-Win Amusement Company, San Francisco, Calif. Game wheel. 2,187,046; Jan. 16.
McLean, Frank W., Shreveport, La. Footwear. 2,220,534; Nov. 5.
McLean, Philip S., et al. (See Barrington, J. W., and White.)
McLean, Philip S., et al. (See Dulberg, Jasper, assignor.)
McLean, Philip S., et al. (See O'Sullivan, Denis T., assignor.)
McLean, Robert G., Chicago, Ill. Floor covering. 2,221,522; Nov. 12.
McLean, Robert W., Bridgewater, Mass., assignor to The Murray Company, Dallas, Tex. Lint treating device. 2,205,017; June 18.
McLemore, L. M. (See Sammons, James W., assignor.)
McLennan, Amos N., Maywood, Calif. Locating and cementing off leaks in well casings. 2,187,275; Jan. 16.
McLennan, John A., Sausalito, Calif. Window blind. 2,188,575; Jan. 30.
McLeod, Hector N. (See Munro, James, assignor.)
McLeod, John H., and W. K. Grimwood, assignors to Eastman Kodak Company, Rochester, N. Y. Sound recording. 2,196,735; Apr. 9.
McLeod, Lily R., Walterboro, S. C. Chicken feeder. 2,222,369; Nov. 19.
McLeod, Murdock F., Tacoma, Wash. Machine for nailing straps to band sticks. 2,195,421; Apr. 2.
McLoughlin Bros., Inc. (See Ellsworth, Lincoln, assignor.)
McLoughlin, James E., assignor to The A. C. Gilbert Company, New Haven, Conn. Whistle actuating and control means for toy trains. 2,196,319; Apr. 9.
McLoughlin, Joseph N. (See Dewey, V. F., and McLoughlin.)
McMackin, Robert E., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Connecting means for sectional poles. 2,186,763; Jan. 9.
McMahan, Arthur B. (See Dickerson, Delbert J., assignor.)
McMahan, Kenton D., Schenectady, N. Y., assignor to General Electric Company. Fan. 2,186,837; Jan. 9.
McMahan, Kenton D., Schenectady, N. Y., assignor to General Electric Company. Centrifugal fan casing. 2,201,867; May 21.
McMahan, Kenton D., Schenectady, N. Y., assignor to General Electric Company. Reversible fan. 2,205,902; June 25.
McMahan, Roy F., Louisville, Ky. Attaching a hanger. 2,201,193; May 21.
McMahan, Roy F., Louisville, Ky. Folding table hardware. 2,217,914; Oct. 15.
McMahan, Thomas E. (See Creighton, T. A., and McMahan.)
McMahon, George F., Chicago, and A. Ramsey, Evanston, assignors to Schweitzer & Conrad, Inc., Chicago, Ill. Fuse construction. 2,207,813; July 16.
McMahon, Richard P., assignor to Bronson Reel Company, Bronson, Mich. Fishing reel. 2,198,257; Apr. 23.
McManimen, Regine A., Merchantville, N. J. Combination lavatory and clothes wringer. 2,185,307; Jan. 2.
McManis, Elbert A., and W. S. Uhler, Baltimore, Md. Toothbrush. 2,199,922; May 7.
McManus, Charles E., Spring Lake, N. J., assignor, by mesne assignments, to Crown Can Company, Philadelphia, Pa. Container. 2,198,630; Apr. 30.
McManus, Charles E., Spring Lake, N. J., and R. J. Stewart and G. Goebel, Baltimore, Md., assignors, by mesne assignments, to Crown Can Company, Philadelphia, Pa. Metal container. 2,185,216; Jan. 2.
McManus, Charles E., Spring Lake, N. J., and G. Goebel, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Container. 2,197,434; Apr. 16.
McMaster, Archie J., Highland Park, assignor to G-M Laboratories, Inc., Chicago, Ill. Game apparatus. 2,221,645; Nov. 12.
McMeekin, Norman A., Woodsville, N. H. Dust guard for trouser legs. 2,216,852; Oct. 8.
McMenamin, James F., Philadelphia, Pa. Machining apparatus. 2,191,409; Feb. 20.
McMenamin, James F., Philadelphia, Pa. Machine tool fixture. 2,205,799; June 25.
McMillan Book Company, The. (See Steele, John A., assignor.)
McMillan, Eugene C. (See Mincher, J. M., and Wieger.)
McMillan, James O., Wichita, Kans., assignor of one-fourth to A. G. W. Biddle, Skiatook, Okla. Pneumatic displacement pump. 2,208,193; July 16.
McMillen, Robert, St. Louis, Mo. Grinding machine. 2,192,981; Mar. 12.
McMillin, John H., Monroe, Mich. Nasal pack. 2,215,126; Sept. 17.
McMillin, Robert M., Detroit, Mich. Apparatus for producing artificial respiration. 2,223,570; Dec. 3.
McMonagle, C. J., et al. (See Francis, George W., Sr., assignor.)
McMullen, Donald R., and C. B. Walter, Detroit, Mich. Gasket. 2,222,058; Nov. 19.
McMullen, John C. (See Benner, R. C., and McMullen.)
McMullen, John C. (See Logan, I. M., and McMullen.)
McMullen, John C., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Mold for refractory cast materials. 2,185,772; Jan. 2.
McMullen, Joseph B., Washington, D. C. Roast holder. 2,212,164; Aug. 20.
McMullin, George M., assignor of one-half to G. M. Pease, Redondo Beach, Calif. Mop. 2,210,944; Aug. 13.
McMurray, John C., Winthrop, Mass. Hot air gun. 2,212,694; Aug. 27.
McMurray Structural Steel Company. (See Lambert, Walter E., assignor.)
McMurry, Paul E., Concordia, Kans. Pipe line pressure neutralizer. 2,190,412; Feb. 13.
McNab, John G., Roselle, and W. T. Watkins, Jr., Elizabeth, N. J., assignors to Standard Oil Development Company. Lubricant. 2,218,618; Oct. 22.
McNabb, Arthur B., Sacramento, Calif. Defect card holder. 2,195,654; Apr. 2.
McNabb, Edgar M., assignor to Tri-Poster Systems Co. Inc., Buffalo, N. Y. Manifolding machine. 2,198,580; Apr. 23.
McNabb, Glenn L. (See Mason, J. L., and McNabb.)
McNair, Lloyd L., Dallas, Tex. Dispensing machine. 2,217,962; Oct. 15.
McNairy, Jacob W. (See MacDonald, C., and McNairy.)
McNairy, Jacob W., Erie, Pa., assignor to General Electric Company. Control system. 2,185,861; Jan. 2.
McNairy, Jacob W., Erie, Pa., assignor to General Electric Company. Control system. 2,202,708; May 28.
McNall, John W. (See Berkey, W. E., and McNall.)
McNally, Henry C., Omaha, Nebr. Gear selecting mechanism. 2,209,415; July 30.
McNally, James G. (See Dickey, J. B., and McNally.)
McNally, James G., assignor to Eastman Kodak Company, Rochester, N. Y. Subbing photographic film. 2,196,775; Apr. 9.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Anthraquinone compound and coloring therewith. 2,188,369; Jan. 30.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Anthraquinone compounds and coloring therewith. 2,191,029; Feb. 20.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Anthraquinone compounds and coloring therewith. 2,191,030; Feb. 20.
McNally, James G., and J. B. Dickey, Rochester, N. Y., and W. H. Zugschwerdt, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Coloring. 2,191,040; Feb. 20.

McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and coloring therewith. 2,193,037; Mar. 12.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and coloring therewith. 2,196,221; Apr. 9.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and coloring therewith. 2,196,222; Apr. 9.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo dye compounds and coloring therewith. 2,196,776; Apr. 9.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and coloring therewith. 2,200,004; May 7.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo dye compounds and material colored therewith. 2,200,005; May 7.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,200,006; May 7.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and coloring therewith. 2,204,607; June 18.
McNally, James G., and R. H. Van Dyke, assignors to Eastman Kodak Company, Rochester, N. Y. Subbing photographic film. 2,204,608; June 18.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and fiber dyed therewith. 2,206,099; July 2.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds. 2,206,911; July 9.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,211,339; Aug. 13.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,213,740; Sept. 3.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Polyazo compounds and material colored therewith. 2,216,446; Oct. 1.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compound and coloring therewith. 2,217,693; Oct. 15.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and coloring therewith. 2,218,247; Oct. 15.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,221,027; Nov. 12.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,221,028; Nov. 12.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N.Y. Azo compounds and material colored therewith. 2,221,029; Nov. 12.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and fiber dyed therewith. 2,225,651; Dec. 24.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,226,174; Dec. 24.
McNally, Joseph F., Brooklyn, and J. F. Toomey, Bronx, N. Y. Automobile jacking device. 2,217,317; Oct. 8.
McNally-Pittsburg Manufacturing Corporation, The. (See McNally, Thomas, assignor.)
McNally, Thomas, assignor to The McNally-Pittsburg Manufacturing Corporation, Pittsburg, Kans. Coal washing machine. 2,217,286; Oct. 8.
McNally, Thomas J., Lebanon, Pa. Progressive rocking, riding, and exercising toy. 2,216,418; Oct. 1.
McNamar, Paul R., Garden City, Iowa. Internal circulatory heater. 2,210,768; Aug. 6.
McNamara, Charles J., Pittsburgh, Pa., assignor, by mesne assignments, to Reconstruction Finance Corporation, Washington, D. C. Pressure relief valve. 2,207,382; July 9.
McNamara, Charles J., Pittsburgh, Pa., assignor, by mesne assignments, to Reconstruction Finance Corporation, Washington, D. C. Warming and sterilizing apparatus. 2,214,425; Sept. 10.
McNamara, Gordon G., Chicago, Ill., assignor to International Harvester Company. Brake control means. 2,194,207; Mar. 19.
McNamara, John A., Kansasville, Wis. Vehicle dolly. 2,226,521; Dec. 24.
McNamara, Leon R., Rockford, Ill. Window fastener. 2,194,562; Mar. 26.
McNamara, William L., assignor to Capstan Glass Company, Connellsville, Pa. Vessel transferring mechanism. 2,224,975; Dec. 17.
McNamee, Owen A., Worcester, Mass. Labeling machine. 2,189,673; Feb. 6.
McNamee, Raymond W., and H. C. Chitwood, Charleston, and G. H. Law, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Catalyst and making olefin oxides. 2,219,575; Oct. 29.
McNaught, Harold D., Vancouver, British Columbia, Canada. Hook. 2,185,921; Jan. 2.
McNaught, Robert P., San Francisco, Calif. Perishable mark for frozen foods. 2,216,127; Oct. 1.
McNeal, Daniel R., Abington, assignor to Andale Company, Philadelphia, Pa. Circulating system and valve for controlling the same. 2,189,814; Feb. 13.
McNeal, Daniel R., Abington, assignor to Andale Company, Philadelphia, Pa. Straining equipment. 2,199,709; May 7.
McNeal, Daniel R., Abington, assignor to Andale Company, Philadelphia, Pa. Plug valve. 2,215,853; Sept. 24.
McNeal, Daniel R., Abington, assignor to Andale Company, Philadelphia, Pa. Lubricating equipment. 2,217,490; Oct. 8.
McNeal, Daniel R., Abington, assignor to Andale Company, Philadelphia, Pa. Valve for lubricant cooling systems. 2,217,491; Oct. 8.
McNeal, Donald L., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake apparatus. 2,198,038; Apr. 23.
McNeal, Donald L., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmering, Pa. Magnet valve device. 2,204,808; June 18.
McNeal, Donald L., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle brake control means. 2,218,619; Oct. 22.
McNeight, Samuel A. (See Reichert, J. S., McNeight, and Potter.)
McNeil, James W., Hoboken, N. J., assignor, by mesne assignments, to W. F. Straub & Company, Chicago, Ill. Adjustable closure for container. Re. 21,662; Dec. 17.
McNeil, James W., assignor of one-half to P. Thorsen, Hoboken, N. J. Pipe wrench. 2,200,093; May 7.
McNeil, Joseph R., Rochester, N. Y. Internal combustion engine. 2,186,259; Jan. 9.
McNeil, Kenneth W. (See Nelson, R. M., and McNeil.)
McNeill, Alexander W., Lynn, Mass. Hinged last. 2,188,414; Jan. 30.
McNeill, Thomas C., Chicago, Ill. Apparatus for sealing folders, booklets, or like articles. 2,191,535; Feb. 27.
McNett, Donald, Darlington, Wis. Hog trap. 2,214,969; Sept. 17.
McNew, Henry M., assignor of one-half to M. Scarpace, Milwaukee, Wis. Double-acting reciprocating pump. 2,217,287; Oct. 8.
McNicholas, Richard T., Los Angeles, Calif. Carpet fastening device. 2,211,574; Aug. 13.
McNitt, Robert J., Perth Amboy, N. J. Furnace electrode. 2,213,073; Aug. 27.
McNitt, Willard C., deceased, Winnetka, by American Utensil Company, Chicago, Ill., assignee. Tomato juice extractor. Re. 21,449; May 14.
McNulty, George M. (See Adams, E. W., and McNulty.)
McNulty, Gerald A., West St. John, New Brunswick, Canada. Hinge. 2,200,699; May 14.
McNulty, John W., Ridley Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooling apparatus. 2,188,370; Jan. 30.
McNulty, John W., Ridley Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Condenser apparatus. 2,201,783; May 21.
McNulty, John W., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Condensing apparatus. 2,224,877; Dec. 17.
McNutt, Louis C., Scotch Plains, N. J., assignor to M. W. Kellogg Co., New York, N. Y. Scanning apparatus. 2,206,969; July 9.
McOsker, Joseph D., Allston, Mass. Trousers hanger. 2,222,232; Nov. 19.
McParlin, Daniel V., Passaic, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Melting pot. 2,185,376; Jan. 2.
McPhee, William F., Joliet, and Alfred N. Severin, Chicago, Ill. Stirrer. 2,202,860; June 4.
McPherren, Wayne B., Omaha, Nebr. Milking device. 2,225,388; Dec. 17.
McPherson, John B., IV., Abington, Pa. Controllable radio aerial. 2,207,692; July 9.
McPherson, John B., IV, Abington, Pa. Soldering device. 2,221,646; Nov. 12.
McPherson, John S., and C. L. Orr, assignors to The Buckeye Steel Castings Company, Columbus, Ohio. Car truck. 2,218,432; Oct. 15.
McPherson, Kenneth W., Palmyra, N. Y. Pen guard. 2,197,002; Apr. 16.
McPherson, Kenneth W., Palmyra, N. Y. Fountain pen guard. 2,218,543; Oct. 22.
McPherson, Kenneth W., Palmyra, N. Y., assignor to The Carter's Ink Company, Cambridge, Mass. Ink or stain erasure. 2,194,907; Mar. 26.
McPherson, Thomas C., New Brighton, Pa. Ornamental roof or awning. 2,220,259; Nov. 5.
McPherson, William K. (See Underkofler, L. A., and McPherson.)
McPherson, William K., and L. M. Christensen, Atchison, Kans., assignors to The Chemical Foundation, Incorporated. Diastatic saccharification process. 2,219,368; Oct. 29.
McQuade, Robert J., Chicago, Ill. Abrading machine. 2,188,720; Jan. 30.
McQuay-Norris Manufacturing Company. (See Detjen, Albert W., assignor.)
McQuay-Norris Manufacturing Company. (See Knoebel, Walter C., assignor.)

McQuay-Norris Manufacturing Company. (See Mummert, Arden J., assignor.)
McQuay-Norris Manufacturing Company. (See Smith, Dallas M., assignor.)
McQuay-Norris Manufacturing Company. (See Smith, D. M., and Mayfield, assignors.)
McQueen, David M., Wilmington, Del., assignor to Du Pont Film Manufacturing Corporation, New York, N. Y. Photographic process and emulsion utilizing cation-active surface active agents. 2,197,809; Apr. 23.
McQueen, David M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of sulphonyl chlorides of olefin polymers. 2,212,786; Aug. 27.
McQueen, David M., and M. T. Goebel, Wilmington, Del., assignors to Du Pont Film Manufacturing Corp., New York, N. Y. Reducing the density of silver images and compositions therefor. 2,195,419; Apr. 2.
McQueer, Bert H., assignor to Speer Carbon Company, St. Marys, Pa. Process of and apparatus for heating materials. 2,200,930; May 14.
McQuiston, Frederick B., Pittsburgh, Pa. Reel. 2,191,489; Feb. 27.
McRae, George H., assignor of one-half to J. W. Ansley, Thomaston, Ga. Stop motion control. 2,212,785; Aug. 27.
McRaven, Charles H., Houston, Tex. Pneumatic tire. 2,199,466; May 7.
McShane, Phelan, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Shunt trip overload protective system. 2,189,591; Feb. 6.
McTarnahan, Edward F., Seattle, Wash. Rotary mill. 2,221,715; Nov. 12.
McVay, Willard S. (See Klein, H. E., and McVay.)
McVeigh, William B., and H. M. Hibbert, Spondon, near Derby, England, assignors to Celanese Corporation of America. Warp beam. 2,185,642; Jan. 2.
McVey, Harold J. (See Darsey, V. M., and McVey.)
McVicker, Cleophas, Cincinnati, assignor to Kutol Products Company, Norwood, Ohio. Dispenser for fluent material. 2,191,928; Feb. 27.
McWane Cast Iron Pipe Co. (See Floyd, Henry G., assignor.)
McWane, Henry E., Lynchburg, Va. Casting apparatus. 2,186,260; Jan. 9.
McWane, Henry E., Lynchburg, Va. Apparatus for casting articles. 2,186,938; Jan. 16.
McWherter, Paul W. (See Walker, H. B., and McWherter.)
McWhirter, Ralph, Dunfee, assignor of one-half to L. H. Pequignot, Fort Wayne, Ind. Power drill. 2,220,791; Nov. 5.
McWhirter, William C., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Circuit controller. 2,187,518; Jan. 16.
McWhirter, William C., and E. G. Little, Wilkinsburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Braking mechanism. 2,215,909; Sept. 24.
McWhorter, John F., assignor to The Ohio Rubber Company, Willoughby, Ohio. Beater bar for combine cylinders. 2,212,300; Aug. 20.
McWhorter, John F., and H. D. Geyer, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Laminating. 2,188,721; Jan. 30.
McWhorter, John F., Willoughby, and M. W. Humphreys, Euclid, assignors to The Ohio Rubber Company, Willoughby, Ohio. Self-aligning bearing. 2,223,872; Dec. 3.
McWilliams, George B., Olney, Ill. Shoe repairing sole trimmer. 2,215,557; Sept. 24.
McWilliams, John P., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,225,705; Dec. 24.
Meacham, Benjamin E., and W. H. Frick, Cleveland, Ohio, assignors to American Stove Company, St. Louis, Mo. Gas range. 2,216,851; Oct. 8.
Meacham, Edward M., Elyria, Ohio, assignor to American Stove Company, St. Louis, Mo. Baking oven. 2,204,045; June 11.
Meacham, George, Clearwater, Fla. Elevating truck. 2,206,788; July 2.
Meacham, James W., Roxana, Ill. Ventilator and drier for small grain bins. 2,214,426; Sept. 10.
Meacham, Larned A., Verona, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regulating system. 2,207,748; July 16.
Mead, Charles H., Beckley, W. Va. Scotch for mine cars. 2,204,941; June 18.
Mead Corporation, The. (See O'Connor, James J., assignor.)
Mead, Everett K., Dallas, Tex. Clock time sundial. 2,192,750; Mar. 5.
Mead, Ezra B., assignor to Hardsocg Wonder Drill Co., Ottumwa, Iowa. Rock drill. 2,204,942; June 18.
Mead. Fred J., et al. (See Schulz, Joseph, assignor.)
Mead, George J., Bloomfield, and A. V. D. Willgoos, West Hartford, assignors to United Aircraft Corporation, East Hartford, Conn. Floating bearing. 2,225,876; Dec. 24.
Mead, Harry L., and E. J. Maust, Brewster, Fla., assignors to American Cyanamid Company, New York, N. Y. Beneficiation of phosphate rock by froth flotation. 2,216,040; Sept. 24.
Mead, Homer A., Turlock, Calif., assignor, by mesne assignments, to Phillips Products Company, Portland, Oreg. Wrench. 2,194,049; Mar. 19.
Mead, Howard C. (See Falge, R. N., and Mead.)
Mead, Lawrence C., Whittier, Calif. Self-adjusting wrench. 2,223,306; Nov. 26.
Mead, Margaret M., et al. (See Schulz, Joseph, assignor.)
Mead, Richard R., Queens Village, N. Y., assignor to Mergenthaler Linotype Compaany. Slug casting machine. 2,214,887; Sept. 17.
Mead, Richard R., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,214,888; Sept. 17.
Mead, Roy M., Asheville, N. C., assignor to American Gas Service Company, Lima, Ohio. Gas generating apparatus. 2,190,366; Feb. 13.
Mead, Roy M., Asheville, N. C., assignor to American Gas Service Company, Lima, Ohio. Gas generator. 2,190,367; Feb. 13.
Mead, Walter T., Los Angeles, Calif. Automobile theft detector. 2,189,149; Feb. 6.
Meade, Edwin M. (See Baird, W., Goldstein, Jones, and Meade.)
Meaders, Paul L., et al. (See Minor, Claude A., Jr., assignor.)
Meador-Calender Corporation. (See Meador, Gordon R., assignor.)
Meador, Gordon R., assignor to Meador-Calender Corporation, Fresno, Calif. Rotary compressor. 2,195,968; Apr. 2.
Meadows, James L. (See Bailey, J. R., and Meadows.)
Meagher, Edward J. (See Brescka, R. S., and Meagher.)
Meahl, Harry R. (See Rich, T. A., Meahl, and Michel.)
Meaker, Ellis R., assignor to Ivanhoe Foods Inc., Auburn, N. Y. Manufacture of pasteurized potato salad. 2,206,483; July 2.
Meaker, John W., Evanston, Ill. Ventilated shoe. 2,212,324; Aug. 20.
Meares, Harry E., Tampa, Fla. Nonglare device. 2,207,224; July 9.
Mears, Donald B., St. Albans, Vt. Diagnostic apparatus. 2,219,999; Oct. 29.
Mebold, Frederick W., assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical connector. 2,203,337; June 4.
Mebold, Frederick W., assignor to J. R. Kearney Corporation, St. Louis, Mo. Electrical connector. 2,218,210; Oct. 15.
Mebold, Frederick W., assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical connector. 2,221,986; Nov. 19.
Mebold, Frederick W., assignor to J. R. Kearney Corporation, St. Louis, Mo. Producing body portions of electrical connectors. 2,223,853; Dec. 3.
Mechanical Handling Systems, Inc. (See Bishop, Leonard J., assignor.)
Mechanism Limited. (See Moss, Douglas G. K., assignor.)
Mechanite Metal Corporation. (See Reece, Herbert A., assignor.)
Meckl, Lorenz, Detroit, Mich. Engine intake attachment. 2,191,940; Feb. 27.
Medart, Fred, Manufacturing Company. (See Albach, Frank, assignor.)
Medart, Fred, Manufacturing Company. (See Chervenka, G. R., and Maune, assignors.)
Medart, Gustav H., Los Angeles, Calif. Pressure applicator. 2,211,904; Aug. 20.
Mederer, Robert, Berlin, Germany. Balancing system for engines and machines having radially arranged cylinders. 2,212,272; Aug. 20.
Medical Supply Association Limited. (See Watson, William, assignor.)
Medinger, George N., Baltimore, Md. Horizontally adjustable window shade bracket. 2,215,225; Sept. 17.
Medler, John T., St. Paul, Minn. Chemo cup. 2,208,997; July 23.
Medley, Clarence R. (See Smith, Lucius N., assignor.)
Medsker, Charles A., Cleveland Heights, assignor, by mesne assignments, to W. L. Ulmer, Cleveland, Ohio. Fluxer. 2,223,456; Dec. 3.
Medson, George, New York, N. Y. Engine lock valve. 2,218,682; Oct. 22.
Medwed, Pinchos E., Bangor, Maine. Moccasin manufacture. 2,218,006; Oct. 15.
Medwick, Maury P., Brooklyn, N. Y., and M. A. Eula, South Norwalk, Conn. Strap cutting machine. 2,205,573; June 25.
Medwick, Maury P., and A. D. Basch, Brooklyn, N. Y. Apparatus for manufacturing shoes. 2,221,841; Nov. 19.
Meehan, John P. (See Fisher, D., Parker, George B. and L. L., and Meehan.)
Meehan, John P., San Marino, Calif. Vehicle license plate. 2,185,945; Jan. 2.
Meehanite Metal Corporation. (See Reece, Herbert A., assignor.)
Meek, Beulah F. (See Owen, B. S., and Meek.)
Meek, Beulah F., Chicago, Ill. Hair curling device. 2,192,795; Mar. 5.
Meek, William E., Cleveland, Ohio. Automobile air conditioning apparatus. 2,195,010; Mar. 26.
Meeker Company, The. (See Leue, Bruno A., assignor.)
Meeker, David A., assignor to The Hobart Manufacturing Company, Troy, Ohio. Coffee mill. 2,213,606; Sept. 3.

Meeker, David A., assignor to The Hobart Manufacturing Company, Troy, Ohio. Coffee mill. 2,217,069; Oct. 8.
Meeker, David A., assignor to The Hobart Manufacturing Company, Troy, Ohio. Food handling apparatus. 2,217,070; Oct. 8.
Meeker, David A., assignor to The Hobart Manufacturing Company, Troy, Ohio. Coffee mill. 2,223,260; Nov. 26.
Meeker, David A., and J. C. Slager, assignors to The Hobart Manufacturing Company, Troy, Ohio. Food handling apparatus. 2,199,267; Apr. 30.
Meeker, David A., and F. D. Houser, assignors to The Hobart Manufacturing Company, Troy, Ohio. Food handling device. 2,212,883; Aug. 27.
Meeker, Samuel. (See Jenett, H., and Meeker.)
Meeks, William N., Ashdown, Ark. Pipe clamp. 2,192,478; Mar. 5.
Meenan, Leo E., Pawnee City, Nebr. Attachment for contour farming apparatus. 2,216,086; Sept. 24.
Meendsen, Frederick H., Garden City, N. Y., assignor to International Paper Company. Packaging device and method. 2,192,982; Mar. 12.
Meenen, Walter. (See König, H., Meenen, Schnarz, and Wilbert.)
Mees, Louis, New Brunswick, N. J., and R. C. Parkes, Philadelphia, Pa. Selvage iron attachment. 2,221,987; Nov. 19.
Meeson, Edwin L., Coventry, England. Dressing grinding wheels. 2,199,053; Apr. 30.
Megar, David, New York, M. A. Popiel, and J. Schonholtz, Brooklyn, N. Y. Watchcase. 2,226,939; Dec. 31.
Megdall, Sanford B., Brooklyn, assignor to Fulton Novelty Co., Inc., New York, N. Y. Handbag. 2,197,618; Apr. 16.
Meginniss, Francis R., Albany, N. Y. Switch. 2,209,702; July 30.
Megow, Carleton W., assignor to C. F. Megow, Detroit, Mich. Motor vehicle chassis. 2,206,970; July 9.
Megow, Charles F. (See Megow, Carleton W., assignor.)
Megow, Charles F., Detroit, Mich. Motor vehicle. 2,200,798; May 14.
Megow, George E., South Milwaukee, and H. G. Thomson, assignors to Allen-Bradley Company, Milwaukee, Wis. Bendable electric lead. 2,203,996; June 11.
Megow, George E., South Milwaukee, and H. G. Thomson, assignors to Allen-Bradley Company, Milwaukee, Wis. Molded composition resistor. 2,203,997; June 11.
Mehaffey, Robert J. (See Heald, R. F., and Mehaffey.)
Mehan, McCormick, and J. I. Markey, Seattle, Wash. Stabilized compartment for ships. 2,206,100; July 2.
Meharg, Virgil E., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Water-soluble phenol-aldehyde resins. 2,190,672; Feb. 20.
Mehlburger, Max A., Little Rock, Ark. Shelter support. 2,198,272; Apr. 23.
Mehner, Vilma. (See Rostler, F. and Mehner.)
Mehnert, Volkhart W., Siegmar-Schonau, Germany. Operating pearl-knitting machines. 2,215,082; Sept. 17.
Mehnert, Volkhart W., assignor to the firm Elite-Diamantwerke Aktiengesellschaft, Siegmar-Schonau, Germany. Circular knitted web and its manufacture. 2,217,915; Oct. 15.
Mehren, Josef. (See Kocks, F., and Mehren.)
Mehringer, Albert, near Salinas, Calif. Cooking utensil. 2,193,341; Mar. 12.
Mehrkens, Herman H., Valley Cottage, assignor to The Diamond Match Company, New York, N. Y. Combination merchandise package. 2,211,340; Aug. 13.
Meienborn, Ewald W., assignor to Kingsbury Manufacturing Company, Keene, N. H. Toy vehicle. 2,201,910; May 21.
Meier, Edwin E., Hawthorne, N. J., assignor to William Skinner & Sons, common-law trust of Massachusetts. Lining for garments. 2,204,094; June 11.
Meier, Erhard. (See Griessbach, R., Meier, and Wassenegger.)
Meier, Ernest and M. L. Grob, Peoria, Ill. Can opener. 2,195,253; Mar. 26.
Meier, Ernst E., assignor to Mauser-Werke A.-G., Oberndorf-on-the-Neckar, Wurtemberg, Germany. Guiding of blanks fixed at both ends in machine tools. 2,219,845; Oct. 29.
Meier, John, Wauwatosa, Wis. Stepladder. 2,208,266; July 16.
Meier, Karl H., Zurich, Switzerland. Reducing disturbances in wireless reception. 2,220,260; Nov. 5.
Meier, Karl H., assignor to E. Huber, Kilchberg, Zurich, Switzerland. Wireless receiving arrangement with frame antenna. 2,192,321; Mar. 5.
Meier, Konrad, Guttenberg, N. J., assignor to H. Darista, New York, N. Y. Mechanical movement for chenille, embroidery, and other machines. 2,199,805; May 7.
Meier, Peter, Woodward, Iowa. Safety means for ladders. 2,196,640; Apr. 9.
Meier, Wilber L., North Arlington, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Gas discharge X tube. 2,190,079; Feb. 13.
Meighan, William A., Portland, Oreg. Rope fitting. 2,193,236; Mar. 12.
Meigs, Bassett and Slaughter, Inc. (See Bassett, Harry P., assignor.)
Meigs, Frederick M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic structure and producing same. 2,191,894; Feb. 27.
Meigs, Frederick M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasticizing cellulosic structures. 2,191,895; Feb. 27.
Meigs, Frederick M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasticizing cellulosic articles. 2,191,896; Feb. 27.
Meigs, Frederick M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasticizing cellulosic articles. 2,191,897; Feb. 27.
Meigs, Frederick M., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Carbamic acid esters of monoalkyl ethers of polyalkylene glycols. 2,197,479; Apr. 9.
Meigs, Frederick M., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial cellulosic material bonded to rubber and producing the bond. 2,211,960; Aug. 20.
Meigs, Frederick M., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial product and producing same. 2,211,961; Aug. 20.
Meigs, Henry G., West Allis, Wis. Highway marker. 2,217,125; Oct. 8.
Meikle, Daniel G., Ann Arbor, Mich. Feeding mechanism. 2,188,462; Jan. 30.
Meilink, Paul F., Grosse Pointe Farms, Mich. Baby dressing table. 2,203,538; June 4.
Meilleur, Frank J., New Orleans, La. Mechanical toy. 2,190,795; Feb. 20.
Meilner, Joseph, West Orange, N. J., assignor to Eagle Pencil Company, New York, N. Y. Compass. 2,187,519; Jan. 16
Meincke, A. M., & Son, Inc. (See Meincke, Howard D., assignor.)
Meincke, Howard D., Glencoe, Ill. Paper filler and making the same. 2,191,575; Feb. 27.
Meincke, Howard D., Glencoe, Ill. Rubber treating material. 2,211,510; Aug. 13.
Meincke, Howard D., Glencoe, assignor to A. M. Meincke & Son, Inc., Chicago, Ill. Making paper. 2,199,750; May 7.
Meincke, Howard D., Glencoe, Ill., assignor to A. M. Meincke & Son, Inc. Coating and filling material. 2,224,520; Dec. 10.
Meincke, William H., White Plains, N. Y. Clasp for receptacles. 2,197,053; Apr. 16.
Meinel, Karl, Dormagen-I. G. Werk, near Cologne, Germany, assignor to Hercules Powder Company, Wilmington, Del. Aralkyl ethers of high molecular carbohydrates. 2,205,487; June 25.
Meinema, Herbert E. (See Hammond, L., and Meinema.)
Meinema, Herbert E., assignor to Hammond Instrument Company, Chicago, Ill. Electrical filter system. 2,221,198; Nov. 12.
Meinhardt, Carl W., Fargo, N. Dak. Fender tool. 2,191,720; Feb. 27.
Meinhardt, Fritz, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Screw adjusting mechanism. 2,203,303; June 4.
Meinhardt, Maude E., Los Angeles, Calif. Crushing and grinding machine. 2,204,024; June 11.
Meinig, George R., and A. C. Pauli, Reading, Pa., assignors, by mesne assignments, to Karl Lieberknecht, Inc. Full fashioned textile knitting machine. 2,195,578; Apr. 2.
Meininghaus, Ulrich, Mulheim, Ruhr, Germany. Bladed disk for radial flow rotary machines. 2,200,288; May 14.
Meininghaus, Ulrich, Muelheim-Ruhr, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Method and apparatus for charging elongated explosion chamber. 2,217,694; Oct. 15.
Meinzer, Gotthold H., Glendale, assignor to California Consumers Corporation, Los Angeles, Calif. Concentrating citrus fruit juices. 2,187,572; Jan. 16.
Meinzer, Gotthold H., Glendale, assignor to California Consumers Corporation, Los Angeles, Calif. Concentrating citrus fruit juices. 2,190,991; Feb. 20.
Meinzer, Gotthold H., Glendale, assignor to California Consumers Corporation, Los Angeles, Calif. Sterilizing fruit juices. 2,216,295; Oct. 1.
Meis, Helmuth. (See Rosenthal, L., and Meis.)
Meisch, William, McLaughlin, S. D. Lubricating device. 2,216,401; Oct. 1.
Meisel, Charles A., Milton, assignor to Meisel Press Manufacturing Company, Boston, Mass. Printing cylinder. 2,186,764; Jan. 9.
Meisel, Charles A., Milton, assignor to Meisel Press Manufacturing Company, Boston, Mass. Role spindle. 2,215,069; Sept. 17.
Meisel, Harry, North Bergen, N. J., assignor to Corn Products Refining Company, New York, N. Y. Purification of dextrose. 2,194,315; Mar. 19.
Meisel Press Manufacturing Company. (See Meisel, Charles A., assignor.)
Meiser, George H., Chicago, Ill. Attachment for internal combustion engines. 2,191,968; Feb. 27.
Meiser, George H., Chicago, Ill. Attachment for internal combustion engines. 2,191,969; Feb. 27.
Meiser, George H., Chicago, Ill. Attachment for internal combustion engines. 2,191,970; Feb. 27.
Meisse, Louis A., assignor to The Ohio Brass Company, Mansfield, Ohio. Section insulator. 2,187,135; Jan. 16.
Meissner, Josef, Burbach, Kreis Siegen, Germany. Nitration of aromatic hydrocarbons. 2,194,666; Mar. 26.

Meissner, Josef, Cologne, Bayenthal, Germany. Manufacture of trimethylene trinitramine (hexogen). 2,208,934; July 23.
Meissner, Oswald. (See Haussmann H., Meissner, Pinkernelle, and Zinke.)
Meister, George. (See Marden, J. W., Beese, and Meister.)
Meister, George, Solothurn, Switzerland. Roller skate. 2,204,280; June 11.
Meitner, Bela, Budapest, Hungary. Sharpening device for razor blades. 2,185,922; Jan. 2.
Meitzler, Charles R., Brighton, assignor to O. H. Pieper, Rochester, and A. F. Pieper, Brighton, N. Y. Extensible chair. 2,215,666; Sept. 24.
Meitzner, Erich F., assignor to Röhm & Haas Company, Philadelphia, Pa. Preparing α-substituted acrylic acids. 2,192,142; Feb. 27.
Mejean, Jacques G., Chatou, assignor to Societe Bronzavia, Courbevoie (Seine), France. Fluid distributing device. 2,188,609; Jan. 30.
Mejean, Jacques G., Chatou, assignor to Societe Bronzavia, Courbevoie, Seine, France. Respiratory mask. 2,224,057; Dec. 3.
Mekeel, David L., Coraopolis, and J. H. Caylor, Pittsburgh, Pa., assignors to Morgan Construction Company, Worcester, Mass. Rolling mill. 2,213,714; Sept. 3.
Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,203,833; June 11.
Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,212,030; Aug. 20.
Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Heater. 2,212,526; Aug. 27.
Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,223,379; Dec. 3.
Mekler, Lev A., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Heating fluids. 2,224,917; Dec. 17.
Mekler, Valentine, Jackson Heights, N. Y., and A. H. Schutte, Westfield, N. J., assignors to The Lummus Company, New York, N. Y. Method and apparatus for forming coke. 2,226,501; Dec. 24.
Melaragno, Hugo, et al. (See De Fazi, F., and Melaragno, assignor.)
Melcher, Alfred A., Huntington Park, Calif. Carburetor. 2,225,194; Dec. 17.
Melcher, John N., Waukesha, Wis. Air cooling apparatus. 2,224,740; Dec. 10.
Melcher, Lee W., assignor to Waukesha Motor Company, Waukesha, Wis. Refrigerating apparatus. 2,213,654; Sept. 3.
Melcher, Lee W., assignor to Waukesha Motor Company, Waukesha, Wis. Power unit. 2,214,061; Sept. 10.
Melchior, Frederick C. (See Garson, T. N., and Melchior.)
Melchior, Paul. (See Dahl, O., Pfaffenberger, and Melchior.)
Melchior, Paul, R. Pohl, and K. Cordes, Berlin, Germany, assignors to General Electric Company. Joining of aluminum parts to one another or to other metal parts. 2,192,751; Mar. 5.
Meldahl, Axel, Ennetbaden, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Gearing. 2,220,419; Nov. 5.
Meletti, Adolph, assignor to B. J. Tamarin, Philadelphia, Pa. Cigarette package forming machine. 2,216,447; Oct. 1.
Melges, Fred J. (See Stadle, Wendell H., assignor.)
Melhose, Alfred E. (See Berger, U. S., and Melhose.)
Melhose, Alfred E. (See Cole, I. E., and Melhose.)
Melhuish, Harold, Chingford, England, assignor to The Superheater Company, New York, N. Y. Steam superheater. 2,209,658; July 30.
Melick, John M., Cresskill, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collection apparatus. 2,220,168; Nov. 5.
Melim, T. Clifford. (See Stehlin, Theodore A., assignor.)
Melin, T. Clifford. (See Stehlin, Theodore A., assignor.)
Melind, Henry J., assignor to J. W. Melind, Chicago, Ill. Stamp. 2,193,564; Mar. 12.
Melind, Julius W. (See Melind, Henry J., assignor.)
Mellier, Claudius, Ville d'Avray, assignor to Société Industrielle de Mécanique et de Matériel d'Equipement, Suresnes, France. Device for compelling a gyroscope to remain vertical. 2,198,551; Apr. 23.
Melling Forging Company. (See Wilford, J. W., and Hargraves, assignors.)
Mellinger, Arthur S., Indianapolis, Ind. Roof construction. 2,224,056; Dec. 3.
Mellinger, Ira F., Leetonia, Ohio. Trailer. 2,187,136; Jan. 16.
Mellor, Albert. (See Mann, R. J., and Mellor.)
Mellor, Albert, Spondon, near Derby, England, assignor to Celanese Corporation of America. Manufacture of artificial textile materials. 2,187,358; Jan. 16.
Mellor, Albert, and W. Pool, Spondon, near Derby, England, assignors to Celanese Corporation of America. Application of liquids to materials. 2,189,914; Feb. 13.
Mellor, Albert, and W. Pool, Spondon, near Derby, England, assignors to Celanese Corporation of America. Drying of layers or sheets of material. 2,189,915; Feb. 13.
Melniker, Aaron A. (See Berman, Samuel, assignor.)
Melown, George E., Youngstown, Ohio. Valve assembly. 2,218,936; Oct. 22.
Melrath, Richard H., Drexel Hill, Pa., assignor, by mesne assignments, to American Flange & Manufacturing Co., Inc., New York, N. Y. Closing tool. 2,209,892; July 30.
Melton, Romie L. (See Benner, R. C., Melton, and Kirchner.)
Melton, Romie L., R. C. Benner, and H. P. Kirchner, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Apparatus for the manufacture of coated webs. 2,187,624; Jan. 16.
Melton, Romie L., R. C. Benner, and H. P. Kirchner, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Method and apparatus for manufacturing granular coated webs. 2,201,194; May 21.
Melton, Romie L., R. C. Benner, and H. P. Kirchner, assignors to The Carborundum Company, Niagara Falls, N. Y. Granular coated material. 2,201,195; May 21.
Melton, Romie L., R. C. Benner, and H. P. Kirchner, assignors to The Carborundum Company, Niagara Falls, N. Y. Method and apparatus for manufacturing granular coated webs. 2,225,877; Dec. 24.
Melville, James A., Cranston, R. I. Dispensing device. 2,210,250; Aug. 6.
Melville, James H., Miami, Fla. Pen lifting attachment for recording meters. 2,204,046; June 11.
Melzer, Ernst, Berlin-Lichterfelde, H. Siegmund, Herford, and G. Kalep, Berlin-Lichterfelde, Germany. Button feeding device for sewing machines. 2,211,511; Aug. 13.
Melzl, Joseph L., Baraboo, Wis. Extractor. 2,217,559; Oct. 8.
Memminger, Karl, assignor to Fahlberg-List Aktiengesellschaft Chemische Fabriken, Magdeburg-sudost, Germany. Condensation products. 2,219,369; Oct. 29.
Memminger, Karl, and B. Gaudian, Magdeburg-Sudost, assignors to Fahlberg-List Aktiengesellschaft Chemische Fabriken, Magdeburg-Sudost, Prussia, Germany. Phenyl mercury oxyphenol and making it. 2,193,430; Mar. 12.
Memphis Paper Company. (See Eiseman, John K., assignor.)
Menardi, Harold B., Los Angeles, Calif. Production of mercury from ores. 2,186,876; Jan. 9.
Menaul, Paul L., Duncan, Okla. Control of setting period of gypsum plasters. 2,216,207; Oct. 1.
Mende, Arthur. (See Kuppenbender, H., Fischer, Henkel, Peters, and Mende.)
Mende, Harold W., Flint, Mich. Convertible seat. 2,223,261; Nov. 26.
Mendelsohn, Louis H., Paterson, and F. H. German, assignors to Excello Hosiery Mills, Hawthorne, N. J. Nonrun fabric. 2,209,633; July 30.
Mendelsohn, Samuel, Brooklyn, N. Y. Synchronizing tester. 2,197,871; Apr. 23.
Mendelsohn, Samuel, Brooklyn, N. Y. Photoflash synchronizer. 2,204,424; June 11.
Mendenhall, Earl. (See Johnson, C. E., and Mendenhall.)
Mendez, Charlie, Tampa, Fla. Circuit controller. 2,191,216; Feb. 20.
Mendius, William. (See Pinkerton, R. D., and Mendius.)
Mendius, William, Munster, Ind., assignor to Sinclair Refining Company, New York, N. Y. Catalytic condensation of hydrocarbons. 2,225,347; Dec. 17.
Menge, Clarence H., Mount Clemens, Mich., assignor to The Murray Corporation of America. Spring cushion construction. 2,220,577; Nov. 5.
Mengel Company, The. (See Turner, Joseph O., assignor.)
Mengele, Hans. (See Bornemann, F., Huber, and Mengele.)
Mengele, Hans, and H. Huber, Wiesbaden, Germany. Plant pest control composition. 2,209,129; July 23.
Menger, Adolf. (See Reppe, W., Hoelscher, Menger, and Bock.)
Menger, Adolf, Krefeld-Uerdingen, Germany, assignor, by mesne assignments, to Plaskon Company, Incorporated, Toledo, Ohio. Adhesive. 2,190,239; Feb. 13.
Menger, Adolf, Krefeld-Uerdingen, Germany, assignor, by mesne assignments, to Plaskon Company, Incorporated, Toledo, Ohio. Adhesive. 2,203,501; June 4.
Menke, Edward W., Chicago, Ill., assignor to Kelmenite Corporation. Metal coating. 2,197,274; Apr. 16.
Menke, Herbert. (See Fischer, Ernst and J., and Gabriel, Lintzel, and Menke.)
Menken, John T., Hillsdale, and F. B. Herbert, Westwood, N. J. Wheel mounting device. 2,191,081; Feb. 20.
Mentley, Max, assignor to National Broach & Machine Company, Detroit, Mich. Machine for manufacturing rotary gear cutters. 2,202,709; May 28.
Mentmore Manufacturing Co. Limited. (See Andrews, A. E., and Johnson, assignors.)
Menutole, Nicholas, Winthrop, Mass. Curtain hanging fixture. 2,193,200; Mar. 12.
Menzel, Charles E., Washington, D. C. Toy. 2,217,374; Oct. 8.
Menzer, Anton, Brooklyn, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Pressure responsive indicating instrument. 2,196,932; Apr. 9.
Menzer, Anton, Brooklyn, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Altimeter. 2,208,728; July 23.

Menzies, Clifford. (See Legowsky, H., and Menzies.)
Mercedes Buromaschinen-Werke Aktiengesellschaft. (See Kämmel, Hugo E., assignor.)
Mercer, David L., Gary, Ind. Umbrella anchor. 2,211,283; Aug. 13.
Mercer, George J., Detroit, Mich., assignor of one-half to L. Ottinger, New York, N. Y. Door mounting and hinge construction. 2,209,659; July 30.
Mercer, Raymond C., Los Angeles, Calif. Film measuring rule or gauge. 2,210,422; Aug. 6.
Mercer, Walter F., Satanta, Kans. Generator drive. 2,204,943; June 18.
Merchant, Donald R., St. Clair Shores, assignor to Gar Wood Industries, Inc., Detroit, Mich. Hoisting device. 2,221,103; Nov. 12.
Merchants Terminal Corporation. (See Hoffberger, Jacob H., assignor.)
Mercier, Jean, Paris, France. Bumper especially applicable to railway vehicles. 2,187,625; Jan. 16.
Mercier, Jean, Neuilly-sur-Seine, France. Pump output regulator. 2,188,463; Jan. 30.
Mercier, Jean, Neuilly-sur-Seine, France. Retractable landing gear for aircraft. 2,212,031; Aug. 20.
Mercier, Jean, Neuilly-sur-Seine, France. Hydraulic shock absorber. 2,212,922; Aug. 27.
Mercier, Jean, Neuilly-sur-Seine, France. Retractable undercarriage. 2,220,456; Nov. 5.
Mercier, Pierre E., Paris, France. Cowling for aircraft engines. 2,206,417; July 2.
Mercier, Pierre E., Paris, France. Cooling arrangement for air-cooled aircraft engines. 2,206,418; July 2.
Mercier, Warren C., assignor to American Hatters and Furriers Co., Inc., Danbury, Conn. Carroted fur. 2,193,637; Mar. 12.
Mercier, Warren C., assignor to American Hatters and Furriers Company, Incorporated, Danbury, Conn. Carroting process. 2,211,341; Aug. 13.
Mercier, Warren C., assignor to American Hatters and Furriers Company, Incorporated, Danbury, Conn. Carroting process. 2,211,342; Aug. 13.
Mercil, Elmer J., Oak Park, assignor to Mercil Plating Equipment Company, Chicago, Ill. Hand truck. 2,198,918; Apr. 30.
Mercil Plating Equipment Company. (See Mercil, Elmer J., assignor.)
Merck & Co. (See Addinall, C. R., and Major, assignors.)
Merck & Co. (See Major, R. T., and Bonnett, assignors.)
Merck & Co. (See Major, R. T., and Cook, assignors.)
Merck & Co. (See Major, R. T., and Ruigh, assignors.)
Merck & Co. (See von Werder, Fritz, assignor.)
Merck & Co. (See Wolfes, O., and Hromatka, assignors.)
Merck & Co. Inc. (See Dalmer, O., and Heyns, assignors.)
Merck & Co. Inc. (See Engels, W. H., and Weijlard, assignors.)
Merck & Co. Inc. (See Folkers, Karl, assignor.)
Merck & Co. Inc. (See Roeder, Georg, assignor.)
Merck & Co. Inc. (See Tauber, Henry, assignor.)
Merck & Co. Inc. (See Wallis, E. S., and Fernholz, assignors.)
Merck & Co. Inc. (See Weijlard, John, assignor.)
Merck & Co. Inc. (See Weijlard, J., and Engels, assignors.)
Merck & Co. Inc. (See Weijlard, J., Engels, and Holland.)
Merck & Co. Inc. (See Zima, Otto, assignor.)
Merckel, Frederick G., Montclair, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Purifying water. 2,204,225; June 11.
Merckx, Philibert L. J. R., and W. K. A. Körber, Berchem, near Antwerp, assignors to Gevaert Photo-Producten N. V., Antwerp, Belgium. Color forming developer and color development. 2,197,311; Apr. 16.
Merco Centrifugal Separator Co. (See Peltzer, Albert, and A., Jr., assignors.)
Merco Nordstrom Valve Company. (See Nordstrom, Sven J., assignor.)
Merco Nordstrom Valve Company. (See Scherer, George F., assignor.)
Meredith, Joseph H., Springfield, Mo. Screen and storm sash hanger. 2,189,249; Feb. 6.
Meredith Publishing Company. (See Albaugh, Lyman P., assignor.)
Meredith, William R. (See Matteson, E. A., and Meredith.)
Mergens, George P., Manitowoc, Wis., assignor, by mesne assignments, to U-Need-A-Merchandiser, Inc., Brooklyn, N. Y. Vending machine. 2,203,834; June 11.
Mergenthaler Linotype Company. (See Albrecht, C. A., and Brandenburg, assignors.)
Mergenthaler Linotype Company. (See Baumgardner, Craven A., assignor.)
Mergenthaler Linotype Company. (See Brandenburg, Hermann, assignor.)
Mergenthaler Linotype Company. (See Burt, Harold A., assignor.)
Mergenthaler Linotype Company. (See Connor, Henry H., assignor.)
Mergenthaler Linotype Company. (See Kingsbury, George P., assignor.)
Mergenthaler Linotype Company. (See Mead, Richard R., assignor.)
Mergenthaler Linotype Company. (See Packard, John C., assignor.)
Mergenthaler Linotype Company. (See Plastaras, James C., assignor.)
Mergenthaler Linotype Company. (See Skrabei, Paul, assignor.)
Mergenthaler Linotype Company. (See Sturm, Ansgar F., assignor.)
Mergenthaler Linotype Company. (See Sundstrom H. T., and Stopple, assignors.)
Mergenthaler Linotype Company. (See Van Schaick, Frank C., assignor.)
Mergenthaler Linotype Company. (See Watson, Artemas B., assignor.)
Mergott, J. E., Company, The. (See Green, Jack, assignor.)
Mergott, J. E., Company, The. (See Laubenstein, George, assignor.)
Merkel, Joseph F., assignor to General Railway Signal Company, Rochester, N. Y. Armature hinge for relays. 2,190,381; Feb. 13.
Merkl, Sebastian, Brooklyn, assignor of one-third to J. Leyenaar, New York, N. Y. Indicator key. 2,198,484; Apr. 23.
Merkle, Alfred, East Northport, assignor to American Sealcone Corporation, New York, N. Y. Means for and method of closing and sealing the filler opening of containers. 2,218,585; Oct. 22.
Merkle, Arthur W. (See Kaiserman, Jacob R., assignor.)
Merkle, Frederick J., Peoria, Ill. Oil cooling system for motor vehicles. 2,223,262; Nov. 26.
Merkle-Korff Gear Company. (See Korff, Abram, assignor.)
Merkt, Gustav A., deceased, by H. P. Merkt, administratrix, assignor to Morgan Construction Company, Worcester, Mass. Combustion regulation. 2,217,518; Oct. 8.
Merkt, Helen P., administratrix. (See Merkt, Gustav A.)
Merla Tool Company. (See Crickmer, Charles S., assignor.)
Merla Tool Company. (See Crickmer, C. S., and Lamb, assignors.)
Merley, Sylvan R. (See Cromwell, J. H., and Merley.)
Merlich, Max C., Poulsbo, Wash. Soil conditioner. 2,200,631; May 14.
Merlin Corporation, The. (See Young, M. S., and Mewthwaite, assignors.)
Merlis, Ira, Willow Grove, assignor to Acme Coppersmithing & Machine Company, Oreland, Pa. Barometric multijet condenser. 2,214,932; Sept. 17.
Merlo, Victor, Elizabeth, N. J. Razor. 2,192,362; Mar. 5.
Merrett, Earle E., and W. J. Koch, assignors to Hamilton Manufacturing Company, Two Rivers, Wis. Infant's play yard. 2,224,310; Dec. 10.
Merriam, Charles J., Winnetka, Ill., assignor to The Guardite Corporation. Impregnating products with liquid agents. 2,188,371; Jan. 30.
Merriam, Henry F., West Orange, N. J., and G. W. Cupit, Jr., Enid, Okla., assignors to General Chemical Company, New York, N. Y. Inhibitor. 2,217,874; Oct. 15.
Merrick, Albert W., assignor to Austenal Laboratories, Inc., New York, N. Y. Making molded articles. 2,205,488; June 25.
Merrick, Albert W., New York, N. Y., and P. H. Beier, Chicago, Ill., assignors to Austenal Laboratories, Inc., New York, N. Y. Refractory mold material. 2,211,789; Aug. 20.
Merrick, De Witt D., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand guiding apparatus. 2,209,063; July 23.
Merrick, Oliver E. (See Noble, E. L., and Merrick.)
Merrill, Albert D., Watertown, N. Y. Method and apparatus for digesting cellulosic materials. 2,200,034; May 7.
Merrill, Albert D., Watertown, N. Y. Process of and apparatus for digesting fibrous materials. 2,216,649; Oct. 1.
Merrill, Albert D., Watertown, N. Y. Process and apparatus for digesting fibrous material. 2,224,976; Dec. 17.
Merrill Company, The. (See Fitzgerald, Louis A., assignor.)
Merrill, David R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Lubricating oil containing aryl fatty acid soap. 2,197,153; Apr. 16.
Merrill, Edward C., West Roxbury, assignor to United Drug Company, Boston, Mass. Desiccating device. 2,196,021; Apr. 2.
Merrill, Frank W. (See Goss, W. R., and Merrill.)
Merrill, Frank W., Fort Wayne, Ind., assignor to General Electric Company. Dynamo-electric machine. 2,193,675; Mar. 12.
Merrill, Harry L., Nashua, N. H., assignor to Harder Refrigerator Corporation, Cobleskill, N. Y. Refrigerator. 2,225,404; Dec. 17.
Merrill, James A., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Golf ball cover. 2,188,284; Jan. 23.
Merrill, James A., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Golf ball cover. 2,188,285; Jan. 23.
Merrill, James A., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Laminated rubber gasket. 2,188,286; Jan. 23.
Merrill, James A., assignor to Wingfoot Corporation, Akron, Ohio. Treating rubber. 2,222,355; Nov. 19.
Merrill, Josiah L., Elmhurst, Long Island, N. Y. Electric toaster. 2,224,483; Dec. 10.
Merrill, Leon K. (See Currie, L. M., and Merrill.)

Merrill, Marcellus S., and L. W. Alfred, Denver, Colo. Press for automotive vehicle housings and associated parts. 2,219,191; Oct. 22.
Merrill, Patterson D., assignor to M. B. Skinner Company, South Bend, Ind. Pipe leak sealing plug. 2,224,918; Dec. 17.
Merrill, Ralph K. (See Boogaard, J. V., and Merrill.)
Merrill, Ralph K., assignor to American Seating Company, Grand Rapids, Mich. Seat pivot. 2,215,127; Sept. 17.
Merriman Brothers, Incorporated. (See Merriman, Edward B., assignor.)
Merriman, Edward B., Cambridge, assignor to Merriman Brothers, Incorporated, Boston, Mass. Self-lubricating bearing. 2,187,626; Jan. 16.
Merriman, William E., assignor to Eastman Kodak Company, Rochester, N. Y. Sound stabilizer. 2,196,736; Apr. 9.
Merriman, William E., assignor to Eastman Kodak Company, Rochester, N. Y. Sound reproduction apparatus. 2,196,737; Apr. 9.
Merriman, William E., assignor to Eastman Kodak Company, Rochester, N. Y. Projector circuit. 2,211,343; Aug. 13.
assignor.)
Merriman, William E., and C. W. Carroll, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic apparatus of the magazine type. 2,213,768; Sept. 3.
Merriman, William E., and C. W. Carroll, assignors to Eastman Kodak Company, Rochester, N. Y. Operating control for film handling apparatus. 2,226,175; Dec. 24.
Merriman, William H., Dyersburg, Tenn. Napping machine. 2,225,878; Dec. 24.
Merritt Engineering & Sales Co. Inc. (See Featherstone, A. I., Platt, and Merritt, assignors.)
Merritt, Ericsson H. (See Featherstone, A. I., Platt, and Merritt.)
Merritt, Ralph E., Liberty, assignor to Physicians Appliance Company, Kansas City, Mo. Truss. 2,200,217; May 7.
Merry, Clayton B., assignor of one-third to G. B. Merz, and one-third to F. J. Merz, Jr., Seattle, Wash. Internal combustion engine. 2,194,863; Mar. 26.
Mersereau, Everard C., assignor to National Brake Company, Inc., Buffalo, N. Y. Hand brake mechanism. 2,227,315; Dec. 31.
Mersheimer, Hans, Russelsheim-on-the-Main, Germany, assignor to General Motors Corporation, Detroit, Mich. Engine hood for motor vehicles. 2,197,648; Apr. 16.
Mershon, Alfred V., Schenectady, N. Y., assignor to General Electric Company. Vibration indicator. 2,204,425; June 11.
Merta, Bozena, Chicago, Ill. Drinking cup. 2,200,512; May 14.
Mertes, Albert T. (See Fleckenstein, R. H., and Mertes.)
Mertes, Clarence N. (See Knable, O. A., and Mertes.)
Mertes, Edwin P., J. J. Kellogg, and E. E. Fickenwirth, St. Louis, Mo.; said Mertes and said Kellogg assignors to said Fickenwirth. Graining machine. 2,225,752; Dec. 24.
Mertz, Pierre, Bellrose Manor, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multiplex signaling system. 2,185,693; Jan. 2.
Mertz, Pierre, Bellerose, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission circuit. 2,223,736; Dec. 3.
Merwin, Harry H., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,198,313; Apr. 23.
Merwin, Harry H., Rutherford, and E. W. Reynolds, Westfield, N. J., assignors to Western Electric Company, New York, N. Y. Material handling apparatus. 2,214,340; Sept. 10.
Merwin Manufacturing Company. (See Bierbach, Charles B., assignor.)
Méry, Jean, Epinay-sur-Seine, France. Film gate and feeding device. 2,218,763; Oct. 22.
Merz, Alfred. (See Räntsch, K., Bertele, and Merz.)
Merz, Francesco, Turin, Italy. Propeller device. 2,200,427; May 14.
Merz, Frank J., Jr., et al. (See Merry, Clayton B., assignor.)
Merz, George B., et al. (See Merry, Clayton B., assignor.)
Mesaros, George, Linden, N. J. Fish lure. 2,226,065; Dec. 24.
Mesch, Orwar S. A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Test lamp. 2,203,469; June 4.
Meserole, Frances I. (See Stogran, Maximilian J., assignor.)
Meserve, George N., et al. (See Wheeler, Holman K.,
Meshberg, Philip, Bridgeport, Conn. Brake tester device for automobiles or the like. 2,192,602; Mar. 5.
Mesinger, Frederick, Mount Vernon, N. Y. Protector for saddles. 2,190.992; Feb. 20.
Mesinger, Frederick, Mount Vernon, N. Y. Resilient support for cycle saddles. 2,225,316; Dec. 17.
Mesinger, Frederick, Mount Vernon, N. Y. Cycle saddle. 2,225,317; Dec. 17.
Mesinger, Henry, Mount Vernon, N. Y. Resilient support for saddles. 2,188,153; Jan. 23.
Mesinger, William F., Mount Vernon, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Balanced valve. 2,212,210; Aug. 20.
Mesjian, Stephen N., New York, N. Y. Objective defining device. 2,222,297; Nov. 19.
Messer & Company, G. m. b. H. (See Eberle, Wilhelm, assignor.)
Messer, William E., Cheshire, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Treatment of rubber. 2,211,144; Aug. 13.
Messer, William E., Cheshire, Conn., assignor to United States Rubber Company, New York, N. Y. Making 1, 1'-dithio bis arylenethiazoles. 2,223,042; Nov. 26.
Messer, William E., Cheshire, and H. H. Bassford, Jr., Naugatuck, Conn., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Treatment of rubber. 2,200,756; May 14.
Messerschmitt Aktiengesellschaft. (See Hentzen, Fritz, assignor.)
Messerschmitt, Willy, Augsburg, Germany. Arrangement for sucking-off the boundary layer on airplane wings. 2,219,234; Oct. 22.
Messina, Philip A., Johnstown, Pa. Stature increasing shoe. 2,212,613; Aug. 27.
Messina (Transvaal) Development Company. (See Emery, Augustus B., assignor.)
Messing, Joseph A. (See Frank, H. J. L., and Messing.)
Messing, Joseph A. (See Frank, W. H., Fisher, and Messing.)
Messinger, Frederick H., New York, N. Y. Power system for driving shafts. 2,194,316; Mar. 19.
Messinger, Frederick H., New York, N. Y. Pump. 2,226,008; Dec. 24.
Messinger, Peter, Philadelphia, Pa. Spectacle mounting. 2,188,513; Jan. 30.
Messner, Georg. (See Suchy, R., and Messner.)
Messner, Maximilian, Berlin-Westend, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Television receiver. 2,189,916; Feb. 13.
Mesta Machine Company. (See Iversen, Lorenz, assignor.)
Mestas, Manuel D., assignor of one-third to E. J. Stieg and one-third to L. J. De Broux, Port Washington, Wis. Sled. 2,197,701; Apr. 16.
Mestekin, Bernard, Washington, D. C., assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Fastening devices for jewelry. Re. 21,440; Apr. 30.
Mestler, Arthur G., Rochester, N. Y. Film feeding mechanism. 2,185,862; Jan. 2.
Meston, Archibald F., Middlesex, N. J. Electric connector. 2,197,981; Apr. 23.
Meston, Archibald F., Middlesex, N. J., assignor, by mesne assignments, to Behr-Manning Corporation. Method of and apparatus for making pile-surfaced sheets. 2,222,539; Nov. 19.
Meston, Archibald F., Bound Brook, and H. A. Wintermute, Plainfield, N. J., assignors, by mesne assignments, to Behr-Manning Corporation. Piled surface in pattern form. 2,217,126; Oct. 8.
Mestre, Luis, assignor to Style Duplicator Corporation, New York, N. Y. Casing for duplicating machines. 2,216,692; Oct. 1.
Meswarb, Otto, Sumner, Iowa. Animal trap. 2,218,289; Oct. 15.
Metail, Auguste. (See Berthiaume, W., and Metail.)
Metal Carbides Corporation. (See De Bats, Jean H. L., assignor.)
Metal Homes, Inc. (See von Hoefen, Walter, assignor.)
Metal Mouldings Corporation. (See Lavigne, Joseph P., assignor.)
Metal Office Furniture Company. (See Bullock, Earl C., assignor.)
Metal Office Furniture Company. (See Zottel, Herman J., assignor.)
Metal Tape Company. (See Wolfe, Ernest E., assignor.)
Metal Textile Corporation. (See Goodloe, A. M., and Hartwell, assignors.)
Metal Textile Corporation. (See Kingman, Russell B., assignor.)
Metal & Thermit Corporation. (See Vollmer, Anton, assignor.)
Metal Trim Limited. (See Pankala, Emil, assignor.)
Metalectric Corporation. (See Shaw, R. H., and Watson, assignors.)
Metallbesatz Willy Klotzer & Co. (See Lindner, Josef, assignor.)
Metallgesselschaft A. G. (See Bierbrauer, Ernest, assignor.)
Metallic Pad Corporation. (See Crockford, Joseph R., assignor.)
Metallurgica Bresciana Già Tempini Società Anonima. (See Orlando, Luigi, assignor.)
Metallwerk Terna. (See Schulze, Albert, assignor.)
Metals & Controls Corporation. (See Bolesky, John D., assignor.)
Metals & Controls Corporation. (See Kurtz, Edward F., assignor.)
Metals & Controls Corporation. (See Peterson, Arthur W., assignor.)
Metals & Control Corporation. (See Saul, Waldo A., assignor.)
Metals & Controls Corporation. (See Vaughan, V. G., and Bolesky, assignors.)

Metals & Controls Corporation. (See Wilson, Harold M., assignor.)
Metaplast Corporation. (See Walker, Bernard F., assignor.)
Metcalf, Arthur G. B., Milton, Mass., assignor to Parshad Holding Corporation, Syracuse, N. Y. Pouring attachment for containers. 2,222,594; Nov. 26.
Metcalf, Charles N., Hartsdale, assignor to Consolidated Edison Company of New York, Inc., New York, N. Y. Power transmission cable. 2,199,892; May 7.
Metcalf, Earl H., Ridgefield Park, N. J. Copyholder. 2,217,127; Oct. 8.
Metcalf, Frederick T., Blackley, Manchester, England. Treatment of fibrous materials to make them resistant to mildew. 2,186,739; Jan. 9.
Metcalf, George F., Scotia, N. Y., assignor to General Electric Company. Electron beam device. 2,192,049; Feb. 27.
Metcalf, George F., Scotia, N. Y., assignor to General Electric Company. Velocity modulation device. 2,220,840; Nov. 5.
Metcalf, George F., Schenectady, N. Y., assignor to General Electric Company. High-frequency detector. 2,220,841; Nov. 5.
Metcalf, Herbert E., Walnut Creek, assignor, by mesne assignments, to Signacator Systems, Inc., Oakland, Calif. Frictionally driven switch. 2,186,765; Jan. 9.
Metcalf, Herbert E., Walnut Creek, assignor, by mesne assignments, to Signacator Systems, Inc., Oakland, Calif. Vehicle signal circuit. 2,186,766; Jan. 9.
Metcalf, Herbert E., Walnut Creek, assignor, by mesne assignments, to Signacator Systems, Inc., Oakland, Calif. Vehicle signaling system. 2,188,058; Jan. 23.
Metcalf, Herbert E., Walnut Creek, assignor to E. H. Kueffer, Oakland, Calif. Unitary signal switch. 2,204,096; June 11.
Metcalf, John J., National City, assignor to National Heating and Engineering Company. San Diego, Calif. Hot and cold air register. 2,219,747; Oct. 29.
Metcalf, Ralph H., Webster Groves, Mo., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,216,475; Oct. 1.
Metcalfe, Clifford, Ruislip, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Radio and like receiving apparatus. 2,194,169; Mar. 19.
Metcalfe, James C. (See Metcalfe, Richard D. and J. C.)
Metcalfe, Richard D. and J. C., Romiley, assignors to Davies & Metcalfe Limited, Romiley, England. Steam injector. 2,225,789; Dec. 24.
Metra Maatschappij voor Verduurzaming van Zuivelproducten N. V. (See Richter, Karl, assignor.)
Metrawatt Aktiengesellschaft, Fabrik Elektrischer Messgeraete. (See Bernhard, A., Beyrich, and Aron, assignors.)
Metreger, Alan, assignor to Safety Signs, Inc., Chicago, Ill. Sign. 2,192,163; Feb. 27.
Metrick, Solomon, and J. J. Rosen, Brooklyn, N. Y. Paint spraying apparatus. 2,208,383; July 16.
Metrick, Solomon, and J. J. Rosen, Brooklyn, N. Y. Paint spraying apparatus. 2,224,741; Dec. 10.
Metropolis Bending Company. (See Harrell, Clennie B., assignor.)
Metropolitan Device Corporation. (See Bay, Charles A., assignor.)
Metropolitan Device Corporation. (See Catherwood, William S., Jr., assignor.)
Metropolitan Device Corporation. (See Kuhn, Alfred R., assignor.)
Metropolitan Device Corporation. (See Phelps, George H., assignor.)
Metropolitan Engineering Company. (See Murray, Thomas E., assignor.)
Metropolitan Roofing Supplies Co. (See Eckert, Clarence R., assignor.)
Mettler, John W., East Millstone, N. J., and J. H. Miller and R. Evans, Martinsburg, W. Va., assignors to Interwoven Stocking Company, New Brunswick, N. J. Hosiery. 2,213,529; Sept. 3.
Mettler, Josef, Allenwinden, Zug, Switzerland, assignor to Landis & Gyr, A-G. Meter. 2,193,108; Mar. 12.
Mettler, Josef, Allenwinden, Zug, Switzerland, assignor to Landis & Gyr, A.-G. Coin controlled vending mechanism. 2,209,703; July 30.
Mettler, Josef, Allenwinden, Zug, Switzerland, assignor to Landis & Gyr, A-G. Coin controlled vending mechanism. 2,211,512; Aug. 13.
Mettler, Joseph. (See Pudelko, R., and Mettler.)
Metz, Anthony J., Sr., Davenport, Iowa. Motor vehicle construction. 2,202,665; May 28.
Metz, Anthony J., Davenport, Iowa. Front end assembly for motor vehicles. 2,206,101; July 2.
Metz, Peter P. (See Dailey, C. O., and Metz.)
Metz, Peter P., Seattle, Wash. Dilution of liquid chemical compounds. 2,199,110; Apr. 30.
Metzer, Norman A., Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Condition controller. 2,203,631; June 4.
Metzgar, Chester W., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Lubricating device. 2,194,710; Mar. 26.
Metzgar, Chester W., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Compressor. 2,204,374; June 11.
Metzgar, Clarence L., Media, and F. M. Lambert, Narberth, Pa. Ventilator. 2,205,123; June 18.
Metzger, George, R. R. Gannon, and L. Jensen, Cincinnati, Ohio. Air conditioning apparatus. 2,227,359; Dec. 31.
Metzger, Heinrich. (See Zutavern, P., and Metzger.)
Metzger, Henry L. (See Evans, B., and Metzger.)
Metzger, Henry L., Castleton on Hudson, N. Y., assignor to The International Paper Box Machine Company, Nashua, N. H. Feeding device. 2,195,576; Apr. 2.
Metzger, Paul, Basel, Switzerland. Textile fabric. 2,217,695; Oct. 15.
Metzger, Paul, Basel, Switzerland, assignor to Trubenizing Process Corporation, New York, N. Y. Collar and like article of apparel. 2,186,387; Jan. 9.
Metzger, Reinhardt F., Glendale, N. Y. Lens mounting. 2,197,504; Apr. 16.
Metzger, Richard, assignor to Leo H. Hirsch & Co., New York, N. Y. Button. 2,207,698; July 16.
Metzger, William J., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Draft rigging. 2,194,563; Mar. 26.
Metzger, William J., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Uncoupling mechanism. 2,202,666; May 28.
Metzger, William J., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car coupler. 2,203,391; June 4.
Metzger, William J., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Draft rigging. 2,212,843; Aug. 27.
Metzler, Heinrich, Feldkirch, Voralberg, Austria. Automatic change-speed gear. 2,185,602; Jan. 2.
Metzner, Albert W. (See Sherman, J. Q., and Metzner.)
Metzner, Albert W., assignor to J. Q. Sherman, Dayton, Ohio. Carbon shifter. 2,216,041; Sept. 24.
Metzner, Albert W., assignor to J. Q. Sherman, Dayton, Ohio. Aligning means for billing machines. 2,216,042; Sept. 24.
Metzner, Albert W., assignor to J. Q. Sherman, Dayton, Ohio. Writing and imprinting machine attachment. 2,218,544; Oct. 22.
Meuer, George J., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,206,102; July 2.
Meuer, George J., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,210,037; Aug. 6.
Meuer, George J., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Safety device for power operated wringers. 2,213,470; Sept. 3.
Meuer, George J., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electrical appliance plug connector. 2,219,326; Oct. 29.
Meulendyke, Charles E., Rochester, N. Y. Material and process for obtaining metal printing plates with silver halide emulsions. 2,215,128; Sept. 17.
Meuser, Ludwig, Naugatuck, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Rubber accelerator compositions. 2,188,980; Feb. 6.
Mey, Karl, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Electric lamp. 2,208,998; July 23.
Meyer, Adolf, Kusnacht, near Zurich, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Cooling machine parts. 2,220,420; Nov. 5.
Meyer, Al, assignor of one-half to D. A. Bailey, Oakland, Calif. Ingot furnace. 2,214,234; Sept. 10.
Meyer, Albert G., Maywood, assignor to Harold M. Pitman Company, Chicago, Ill. Etching. 2,206,290; July 2.
Meyer, Albert P., assignor to Pittsburgh Coke & Iron Company, Pittsburgh, Pa. Coking pitch. 2,200,717; May 14.
Meyer, Alfred. (See Heinrich, H., Zeuch, and Meyer.)
Meyer, Alphonse, assignor to Gruendler Crusher and Pulverizer Company, St. Louis, Mo. Louver plate screen for mills. 2,215,226; Sept. 17.
Meyer, Alvin L., Fairfield, Mont. Ditcher. 2,188,892; Jan. 30.
Meyer, Andre J., Lexington, Ky., assignor, by mesne assignments, to Reconstruction Finance Corporation, Detroit, Mich. Piston ring retainer. 2,192,926; Mar. 12.
Meyer, André J., Lexington, Ky., assignor to Mawen Motor Corporation, New York, N. Y. Engine. 2,203,692; June 11.
Meyer, Andre J., Lexington, Ky., assignor to Mawen Motor Corporation, New York, N. Y. Birotary engine. 2,207,749; July 16.
Meyer, Andre J., Lexington, Ky., and E. A. Hulbert, Ferndale, Mich., assignors, by mesne assignments, to Continental Aviation and Engineering Corporation. Engine. 2,216,128; Oct. 1.
Meyer, André J., and R. E. Taylor, Lexington, Ky., assignors to Mawen Motor Corporation, New York, N. Y. Connecting rod structure. 2,226,940; Dec. 31.
Meyer, Arnold F., Pewaukee, assignor to The Heil Co., Milwaukee, Wis. Transportable tank. 2,223,571; Dec. 3.
Meyer, Charles and J. A., Brooklyn, N. Y. Heating system. 2,194,765; Mar. 26.
Meyer, Claude, Paris, France. Cake of soap or other tablet or block covered with a soft sheath. 2,198,880; Apr. 30.
Meyer, Conrad T., Woodland, Calif. Rake teeth. 2,193,138; Mar. 12.

Meyer, Edwin M., Parkersburg, W. Va., assignor to Porcelain Products, Inc., Findlay, Ohio. Fuse cutout. 2,205,928; June 25.
Meyer, Edwin M., Parkersburg, W. Va., assignor to Porcelain Products, Inc., Findlay, Ohio. Tap connector. 2,219,846; Oct. 29.
Meyer, Edwin W. (See Julian, P. L., Meyer, and Krause.)
Meyer, Ejnar A., Epsom, England, assignor to Standard Brands Incorporated, New York, N. Y. Manufacture of yeast. 2,214,028; Sept. 10.
Meyer, Elsie, Los Angeles, Calif. Food chopper. 2,200,035; May 7.
Meyer, Erwin, Berlin-Charlottenburg, Germany. Sound proof wall. 2,194,864; Mar. 26.
Meyer, Felix, Aachen, Germany, assignor to Kimble Glass Company, Vineland, N. J. Shaping tubes. 2,209,739; July 30.
Meyer, Fred C., Wyckoff, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electric power cable. 2,227,316; Dec. 31.
Meyer, Frederick, Union, assignor to Art Metal Works, Inc., Newark, N. J. Shaving mechanism. 2,217,519; Oct. 8.
Meyer, Friederich, and H. J. Spanner, Berlin, Germany, assignors, by mesne assignments, to Electrons, Inc. Current rectifying method and apparatus. 2,206,912; July 9.
Meyer, Fritz, Staten Island, N. Y. Soluble sulphanilic acid amide derivatives. 2,208,641; July 23.
Meyer, George L. N., Milwaukee, Wis. Beverage mixer. 2,212,325; Aug. 20.
Meyer, George L. N., Milwaukee, Wis. Preparing carbonated beverages. 2,227,101; Dec. 31.
Meyer, George W., North Hollywood, and P. E. Fluor, Anaheim, assignors to The Fluor Corporation, Ltd., Los Angeles, Calif. Cooling tower. 2,194,711; Mar. 26.
Meyer, Gustav, Berlin, assignor to Mitteldeutsche Stahlwerke A.-G., Riesa-on-the-Elbe, Germany. Cast crankshaft. 2,196,422; Apr. 9.
Meyer, Gustav, assignor to Maybach-Motorenbau Gesellschaft mit beschrankter Haftung, Friedrichshafen-on-the-Bodensee, Germany. Control device for change-speed gears. 2,204,143; June 11.
Meyer, Gustav A. J. (See Priesmeyer, Charles, assignor.)
Meyer, Harry R., Santa Barbara, Calif. Cam position indicator. 2,218,048; Oct. 15.
Meyer, Henry F., University Heights Station, Ohio. Way guard for machine tools. 2,190,213; Feb. 13.
Meyer, Henry L., Kansas City, Mo. Holder for bifocal lens blanks. 2,079,929; July 16.
Meyer, Irwin. (See Tornblom, N. A., and Meyer.)
Meyer, Joseph A. (See Meyer, Charles and J. A.)
Meyer, Joseph E., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Folding mechanism for printing presses. 2,195,822; Apr. 2.
Meyer, Joseph E., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Producing folded products with bleed color pages facing each other. 2,195,823; Apr. 2.
Meyer, Joseph W., Jr., Winchendon, and A. Ruttiman, Gardner, assignors to The Alaska Freezer Co., Inc., Winchendon, Mass. Ice cream freezer. 2,185,643; Jan. 2.
Meyer, Judith L., administratrix. (See Meyer, Ralph J.)
Meyer, Jules. (See Graenacher, C., and Meyer.)
Meyer-Keller, O., & Co. A. G. (See Witzenmann, Emil, assignor.)
Meyer, Leo J., assignor to The Champion Pecan Machine Company, San Antonio, Tex. Nut-cracking machine. 2,196,444; Apr. 9.
Meyer, Leo J., assignor to The Champion Pecan Machine Company, San Antonio, Tex. Nut-cracking machine. 2,209,606; July 30.
Meyer, Leonard S., assignor to Plaskon Company, Incorporated, Toledo, Ohio. Formaldehyde-urea molding compositions. 2,203,794; June 11.
Meyer, Leslie W., Charlton, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Degenerative feedback amplifier. 2,216,516; Oct. 1.
Meyer, Ludwig, assignor to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau, Germany. Piston locking device. 2,204,279; June 11.
Meyer, Lyle H., Washington, D. C. Golf bag. 2,186,491; Jan. 9.
Meyer, Maximilian C., Brooklyn, N. Y. Cellulosic container. Re. 21,647; Dec. 3.
Meyer, Maximilian C., Brooklyn, N. Y. Dental floss holder. 2,197,345; Apr. 16.
Meyer, Ralph J., deceased; J. L. Meyer, administratrix, Denver, Colo. Apparatus for and method of breaking coal. 2,211,243; Aug. 13.
Meyer, Stanley, Queens, N. Y. Spray device. 2,213,846; Sept. 3.
Meyer, Ulfilas, A. Braun, and F. Unterbusch, Cologne-Mulheim, and A. Lindlau, Cologne, and C. Kern, Cologne-Mulheim, assignors to Felten & Guilleaume Carlswerk Actien Gesellschaft, Cologne-Mulheim, Germany. Tubular conductor. 2,223,116; Nov. 26.
Meyer, Vernon H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Press. 2,221,877; Nov. 19.
Meyer, Walter A., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Adjustable diameter sheave. 2,199,362; Apr. 30.
Meyer, Walter R. (See Groene, W. F., and Meyer.)
Meyer, Walter W. N., Berlin, Germany, assignor to Standard Oil Development Company. Separating wax from wax-containing oils. 2,209,168; July 23.
Meyer, Wendel J., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Heater. 2,216,018; Sept. 24.
Meyer, Wendel J., Philadelphia, Pa., and T. W. Demarest, Onley, Va., assignors to The Pennsylvania Railroad Company, Philadelphia, Pa. Car roof with movable sections. 2,201,737; May 21.
Meyer, Wilfred N. (See Towne, C. C., and Meyer.)
Meyer, Wilhelm A. R., assignor to Thabur, Industrieele en Technische Handelmaatschappij N. V., The Hague, Netherlands. Device for use in connecting wire ends. 2,186,963; Jan. 16.
Meyer, William, East Orange, and H. C. Krone, Weehawken, assignors to A. W. Wheaton Brass Works, Newark, N. J. Remote control mechanism. 2,222,420; Nov. 19.
Meyercord Company. (See Pöschel, Alfred B., assignor.)
Meyer-Delius, Heinrich, Heidelberg, L. Heer, Ludwigshafen-on-the-Rhine, and P. Baumann, Leuna, Germany, assignors, by mesne assignments, to Jasco, Incorporated. Ignition of direct current high voltage electric arcs. 2,215,854; Sept. 24.
Meyerhoefer, Carl E., Brooklyn, N. Y. Ventilating system. 2,225,070; Dec. 17.
Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Air conditioner. 2,218,407; Oct. 15.
Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Combined horn and lamp for vehicles. 2,218,408; Oct. 15.
Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Heat transfer device. 2,225,071; Dec. 17.
Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N .Y. Constant speed governor. 2,225,072; Dec. 17.
Meyerricks, George H., Hamburg, Germany. Translucent internally illuminated container. 2,185,708; Jan. 2.
Meyers, Ellwood H. (See Klaas, E. O., and Meyers.)
Meyers, Emiel J., et al. (See Engel, Leonard J., assignor.)
Meyers, George C., Michigan City, Ind. Adjustable tie-down. 2,196,504; Apr. 9.
Meyers, Luther C., Bridgeton, N. J., and C. O. Hersam, Germantown, Philadelphia, Pa., assignors to Ferracute Machine Company, Bridgeton, N. J. Combined clutch and brake mechanism. 2,205,989; June 25.
Meyers, Max M., et al. (See Golod, Maurice P., assignor.)
Meyers, Maxwell, New York, N. Y. Accordion carrying case. 2,197,275; Apr. 16.
Meylach, Louis, and L. M. Page, New York, N. Y. Hat lining attaching machine. 2,186,261; Jan. 9.
Mezger, Robert, and T. Payer, Stuttgart, Germany. Purification of gas. 2,189,250; Feb. 6.
Miag Mühlenbare und Industrie Aktiengesellschaft. (See Böttger, O., and Hillmann, assignors.)
Miars, Ralph J., et al. (See Rose, Edward J., assignor.)
Mican, George S., R. H. Steinberg, and S. F. Urban, Chicago, Ill. Iron oxide briquette. 2,205,043; June 18.
Michael, Daniel K., assignor to Wilson-Jones Company, Chicago, Ill. Posting tray. 2,206,103; July 2.
Michael, Guy, Napoleon, Ohio. Beet harvesting machine. 2,185,350; Jan. 2.
Michael, Wilhelm, Ludwigshafen-on-the-Rhine, and W. Jaeckh, Heidelberg, Germany, assignors, by mesne assignments, to W. E. Currie, New York, N. Y. Hydrogenation of carbon monoxide. 2,211,022; Aug. 13.
Michael, Wilhelm, Ludwigshafen-on-the-Rhine, and W. Jaeckh, Heidelberg, Germany, assignors, by mesne assignments, to W. E. Currie, New York, N. Y. Conversion of carbon monoxide with hydrogen. 2,220,261; Nov. 5.
Michael, Willis R., Red Lion, Pa. Dowel pin cap. 2,216,979; Oct. 8.
Michaelis, Frank H., executor. (See Conklin, John E.)
Michaëlis, Karl, The Hague, Netherlands. Bending of wood. 2,189,078; Feb. 6.
Michaelis, Walter, Brussels-Forest, assignor to B. Gaspar, Brussels, Belgium. Producing multicolored photographic images. 2,193,931; Mar. 19.
Michaelis, Walter, Brussels-Forest, assignor to Bela Gaspar, Brussels, Belgium. Determination of printing light intensities for the producing of colored photographic prints. 2,223,008; Nov. 26.
Michaels, Maurice A. (See Donle, H. P., and Michaels.)
Michaels, Maurice A. (See Timmis, W. W., and Michaels.)
Michaels, Maurice A., Portland, Oreg. Control for lawn sprinklers. 2,192,578; Mar. 5.
Michaelsen, Ernest H., Quincy, Mass. Shutter for motion picture projectors. 2,204,864; June 18.
Michaelson, George, London, England. Communication system. 2,222,751; Nov. 26.
Michaelson, John W., Nisswa, assignor to Miracle Massage Appliances, Inc., Minneapolis, Minn. Massaging device. 2,223,263; Nov. 26.
Michal, Charles J., Jr., Hinsdale, Ill. Machine gun. 2,223,380; Dec. 3.
Michalek, Carl, Riverside, Ill. Pad for wind instrument keys. 2,204,766; June 18.
Michalske, Arthur A., Cleveland, Ohio. Refrigerating process and apparatus. 2,190,796; Feb. 20.

Michel, Bernard. (See Gutton, H., and Michel.)
Michel, Clarence A., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Side lamp arranged for beam and turn indication. 2,203,502; June 4.
Michel, George, assignor to Smithos, Inc., Baltimore, Md. Display sign. 2,185,674; Jan. 2.
Michel, Josef M., Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Regenerating fused saltpeter baths. 2,196,153; Apr. 2.
Michel, Josef M., Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort - on - the - Main, Germany. Heat treatment of metals. 2,201,111; May 14.
Michel, Josef M., Bitterfeld, Germany, assignor, by mesne assignments, to W. H. Duisberg, New York, N. Y. Method of and composition for preventing corrosion of metal parts in cooling or heating systems. 2,208,101; July 16.
Michel, Kurt, assignor to the firm Carl Zeiss, Jena, Germany. Microscope. 2,209,532; July 30.
Michel, Philip, Brooklyn, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Machine for finishing rubber valve stems. 2,191,536; Feb. 27.
Michel, Philip C. (See Rich, T. A., Meahl, and Michel.)
Michel, Richard. (See Steindorff, A., Balle, Horst, and Michel.)
Michelin et Cie. (See Bourdon, Pierre M., assignor.)
Michelini, Leo A., San Francisco, Calif. Telephone recording system. 2,220,940; Nov. 12.
Michell, Anthony G. M., Melbourne, Victoria, Australia. Engine. 2,215,855; Sept. 24.
Michels, Anton, Budenheim, near Mainz, assignor to Chemische Fabrik Budenheim Aktiengesellschaft, Mainz, Germany. Manufacture of alkali phosphates. 2,221,356; Nov. 12.
Michelsen, William O., Woodhaven, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,211,968; Aug. 20.
Michelson, Barnett S., Dorchester, Mass. Shower connecting apparatus. 2,219,394; Oct. 29.
Michiana Products Corporation. (See Burckhalter, Robert N., assignor.)
Michielli, Pierre. (See Caldora, Armand, assignor.)
Michigan Alkali Company. (See Beecher, Brazier K., assignor.)
Michigan Artcraft Company. (See Langius, Manual, assignor.)
Michigan Book Binding Company. (See Douglas, Alfred D., assignor.)
Michigan Metalcraft Company. (See Stinson, P. M., and Richards, assignors.)
Michigan Patents Corporation. (See Berger, J., and Kaiser, assignors.)
Michigan Patents Corporation. (See Hirsch, Peter, assignor.)
Michigan State Board of Agriculture. (See Bachman, C. W., and Davenport, assignors.)
Michigan Steel Tube Products Company. (See Berg, Richard O. and S., assignors.)
Michigan Steel Tube Products Co. (See Berg, Richard O., S., and F., assignors.)
Michigan Tool Company. (See Drader, J. C., and Martin, assignors.)
Michon, Alfred E., Summit, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Low frequency generator. 2,203,417; June 4.
Michon, Joseph H. M., Toledo, Ohio. Adjusting means for cutting steels and piercing punches. 2,213,919; Sept. 3.
Michon, Joseph H. M., Toledo, Ohio. Adjusting device for punch-retaining blocks. 2,216,208; Oct. 1.
Michon, Joseph H. M., Toledo, Ohio. Adjusting mechanism for piercing punches. 2,217,560; Oct. 8.
Mick, Ira S., Cleveland, Ohio. Dumping conveyance. 2,199,507; May 7.
Mickelberg, Orville C., La Crosse, Wis. Pressure gauge having a casing with a protective closure means. 2,215,013; Sept. 17.
Mickle, Robert T., Philadelphia, Pa. Air filtering means. 2,218,453; Oct. 15.
Micromatic Hone Corporation. (See Connor, Kirke W., assignor.)
Micromatic Hone Corporation. (See Kline, John E., assignor.)
Micronic Gold Recoveries, Inc. (See Jeffs, H., and Dunn, assignors.)
Microphone Corporation of America. See Kaplowitz, Morris, assignor.)
Micro Products Corporation. (See Vogt, Hans, assignor.)
Micro Switch Corporation. (See Riche, Arthur L., assignor.)
Micro-Westco, Inc. (See Calame, Gordon J., assignor.)
Micro-Westco, Inc. (See Kottmann, Arthur A., assignor.)
Micro-Westco, Inc. (See Mohl, Harold H., assignor.)
Micro-Westco, Inc. (See Neibert, Harold, assignor.)
Micro-Westco, Inc. (See Petskeyes, Charles H., assignor.)
Mid-Continent Petroleum Corporation. (See Bennett, Harry T., assignor.)
Mid-Continent Petroleum Corporation. (See Dons, E. M., and Mauro, assignors.)
Mid-Continent Petroleum Corporation. (See Mapes, D. B., and Dons, assignors.)
Mid-Continent Petroleum Corporation. (See Wynn, G. E., and Huggins, assignors.)
Middelboe, Kristian. (See Borch, N. S., and Middelboe.)
Middendorf, Leonhard. (See Bockmühl, M., Middendorf, and Fritzsche.)
Middlebrooks, Arthur L. (See Middlebrooks, Glenn I., assignor.)
Middlebrooks, Glenn I., Houston, Tex., assignor of one-half to A. L. Middlebrooks, Texarkana, Ark. Anchor equipped mooring chain. 2,191,856; Feb. 27.
Middleby-Marshall Oven Co. (See Haupt, Adolph, assignor.)
Middlemiss, Austin O., Portland, Oreg. Fish lure. 2,189,958; Feb. 13.
Middler, Alexander J., Detroit, Mich. Toy submarine. 2,194,564; Mar. 26.
Middleton, Albert M., East Lansdowne, Pa. Reversible self-cleaning radiator. 2,188,245; Jan. 23.
Middleton, Edmund B. (See Jennings, A. B., and Middleton.)
Middleton, Edmund B., New Brunswick, N. J., assignor to Du Pont Film Manufacturing Corp., New York, N. Y. Polymethine dyes and preparation thereof. 2,202,991; June 4.
Middleton, Edmund B., New Brunswick, and G. A. Dawson, North Brunswick Township, Middlesex County, N. J. Trimethine cyanine dyes derived from 4-methylquinoline derivatives. 2,201,816; May 21.
Middleton, Edmund B., New Brunswick, and G. A. Dawson, North Brunswick Township, Middlesex County, N. J., assignors to Du Pont Film Manufacturing Corporation, New York, N. Y. Methine dyestuffs. 2,202,990; June 4.
Middleton, Edmund B., Metuchen, and G. A. Dawson, Raritan Township, Middlesex County, N. J., assignors to Du Pont Film Manufacturing Corporation, New York, N. Y. Photographic material. 2,202,992; June 4.
Middleton, Leslie H., Toledo, Ohio. Dashboard fuse mounting. 2,187,427; Jan. 16.
Middleton, Lewis L., Kansas City, Mo. Cabinet. 2,185,513; Jan. 2.
Middleton, William V., Trenton, N. J. Ball teeing device. 2,216,853; Oct. 8.
Midgley, Albert H., Wembley, England. Electrical production of musical tones by electrostatic means. 2,207,489; July 9.
Midgley, Thomas, Jr., Worthington, and A. L. Henne, Columbus, Ohio, assignors, by mesne assignments, to Kinetic Chemicals, Inc., Wilmington, Del. Fluorination process. 2,192,143; Feb. 27.
Midgley, Walter. (See Woodeson, W. A., and Midgley.)
Midland Steel Products Company, The. (See Almdale, Einar, assignor.)
Midland Steel Products Company. (See Almond, J. R., and Upp, assignors.)
Midland Steel Products Company, The. (See Eklund, Ivar G., assignor.)
Midland Steel Products Company, The. (See Fitzgerald, Harold R., assignor.)
Midland Steel Products Company. (See Kuiper, Gerhard C. R., assignor.)
Midland Steel Products Company, The. (See Kuiper, G. C. R., and Mukerjee, assignors.)
Midland Steel Products Company, The. (See Maddock, Robert H., assignor.)
Midland Steel Products Company, The. (See Riemenschneider, Ernest, assignor.)
Midland Steel Products Company, The. (See Rylander, Andrew E., assignor.)
Midland Steel Products Company, The. (See Smith, William E., assignor.)
Midland Steel Products Company, The. (See Wallace, Robert H., assignor.)
Midler, Alexander J., and G. L. Barton, Detroit, Mich. Toy horse. 2,224,689; Dec. 10.
Mid-States Gummed Paper Co. (See Humphner, Ferdinand W., assignor.)
Midway Chemical Co. (See Burchell, Ernest W., assignor.)
Midway Chemical Co. (See Glover, John, assignor.)
Mid-West Bottle Cap Co. (See Lenz, Andrew C., assignor.)
Mid-West Bottle Cap Co. (See Sonnenberg, Rudolph, assignor.)
Mid-West Forge Company. (See Ruden, Arthur C., assignor.)
Mid-West Production Engineering, Inc. (See Gorham, Ralph B., assignor.)
Midwest Tool & Manufacturing Company. (See Sheldrick, George E., assignor.)
Midyette, John T., Jr., Scarsdale, N. Y., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system. 2,210,122; Aug. 6.
Midyette, John T., Jr., New Rochelle, assignor to Au-Temp-Co Corporation, New York, N. Y. Regulating system. 2,218,454; Oct. 15.
Mie, Kurt. (See Steimel, K., and Mie.)
Mieg, Walter. (See Burneleit, W., Mieg, and Wieners.)
Mieg, Walter. (See Krause, A., Kueline, and Mieg.)
Mieg, Walter. (See Wieners, F., and Mieg.)
Mieg, Walter, and F. Wieners, Opladen, Germany, assignors to General Aniline & Film Corporation. Sulphonic acids of aromatic sulphonic acid halides and making the same. 2,215,083; Sept. 17.
Miehle Printing Press & Manufacturing Company. (See Dudley, Edward F., assignor.)

Miehle Printing Press & Manufacturing Company. (See Stevens, Burt D., assignor.)
Miehle Printing Press and Manufacturing Company. (See Wilkinson, William J., assignor.)
Miehlke, Carl G., Chicago, Ill. Envelope. 2,224,604; Dec. 10.
Mielziner, Jo., and J. Levy, New York, N. Y., assignors to Century Lighting, Inc. Lighting fixture construction. 2,226,252; Dec. 24.
Mier, Everett L., Chicago, and B. C. Wilcox, Dundee, assignors to National Road Joint Manufacturing Company, Chicago, Ill. Load transmission device. 2,187,428; Jan. 16.
Mies, Frank P., Chicago, Ill. Garment hanger. 2,198,830; Apr. 30.
Miesch, Camille, assignor of one-half to Etablissements Weco S. A. R. L., Thann, Haut-Rhine, France. Crossing motion pirn winding machine. 2,194,950; Mar. 26.
Miescher, Karl, Riehen, and A. Wettstein and W. Fischer, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Carbonyl compounds of steroids and the manufacture thereof. 2,188,914; Feb. 6.
Miescher, Karl, Riehen, and A. Wettstein, Basel, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Carboxylic acid amides of the cyclopentanopolyhydrophenanthrene series. 2,191,394; Feb. 20.
Miescher, Karl, Riehen, and W. Fischer, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. 3,5,6-trihydroxy androstane and pregnane compounds. 2,191,576; Feb. 27.
Miescher, Karl, Riehen, near Basel, and C. Scholz, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Esters of unsaturated polyhydroxy estrane. 2,205,627; June 25.
Miescher, Karl, Riehen, and A. Wettstein, Basel, Switzerland, assignors, by mesne assignments, to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Manufacture of ketones of the cyclopentanopolyhydrophenanthrene series and their enol derivatives. 2,224,058; Dec. 3.
Miessler, Paul W. (See Krauser, S. A., and Miessler.)
Miessner, Benjamin F., assignor to Miessner Inventions, Inc., Millburn, N. J. Method and apparatus for the production of music. 2,187,611; Jan. 16.
Miessner, Benjamin F., Millburn, assignor to Miessner Inventions, Inc., Township of Millburn, County of Essex, N. J. Method and apparatus for the production of music. 2,187,612; Jan. 16.
Miessner, Benjamin F., assignor to Miessner Inventions, Inc., Millburn, Township, Essex County, N. J. Electronic piano. 2,200,718; May 14.
Miessner, Benjamin F., Millburn, assignor to Miessner Inventions, Inc., Township of Millburn, N. J. Apparatus for the production of music. 2,215,708; Sept. 24.
Miessner, Benjamin F., Millburn Township, Essex County, assignor to Miessner Inventions, Inc., Millburn Township, N. J. Apparatus for the production of music. 2,215,709; Sept. 24.
Miessner, Benjamin F., assignor to Miessner Inventions, Inc., Millburn Township, Essex County, N. J. Apparatus for the production of music. 2,225,195; Dec. 17.
Miessner, Benjamin F., assignor to Miessner Inventions, Inc., Millburn Township, Essex County, N. J. Electronic orchestra monitoring system. 2,225,196; Dec. 17.
Miessner Inventions, Inc. (See Jacobs, Charles T., assignor.)
Miessner Inventions, Inc. (See Miessner, Benjamin F., assignor.)
Mieth, Herman, Louisville, Ky. Card holding attachment for writing machines. 2,187,887; Jan. 23.
Mietzsch, Fritz. (See Pöhls, P., and Mietzsch.)
Mietzsch, Fritz, and J. Klarer, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Substituted sulphanilamides and making them. 2,202,219; May 28.
Migliori, Giuseppe, Cranston, R. I. Single and double clip-pin attachment. 2,214,839; Sept. 17.
Mihalek, Emery. (See Jennings, O. D., Van Tuyl, and Mihalek.)
Mihalek, Emery. (See Van Tuyl S. E., Mihalek, and Szyper.)
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Motion picture magazine and camera therefor. 2,186,612; Jan. 9.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic camera. 2,186,613; Jan. 9.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Multispeed shutter and control therefor. 2,186,614; Jan. 9.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Combined view and range finder. 2,186,615; Jan. 9.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic apparatus. 2,186,616; Jan. 9.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Focusing mechanism for interchangeable lenses. 2,193,038; Mar. 12.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Focusing adapter. 2,200,007; May 7.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Curtain shutter. 2,203,657; June 4.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Separable hinge structure. 2,206,104; July 2.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter. 2,206,105; July 2.
Milhalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic camera. 2,206,106; July 2.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Feelable indicator for film handling apparatus. 2,213,741; Sept. 3.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Automatic diaphragm control for photographic cameras. 2,213,742; Sept. 3.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Focal plane shutter construction. 2,218,248; Oct. 15.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Camera objective attaching mechanism. 2,221.030; Nov. 12.
Mikaelson, Erik W., Easton, Pa. Strip coiling machine. 2,202,563; May 28.
Mikalsen, Randolf A., Brooklyn, N. Y. Flush valve. 2,216,571; Oct. 1.
Mikelson, Walter, Ballston Lake, N. Y., assignor to General Electric Company. Phase measuring instrument. 2,225,348; Dec. 17.
Mikeska, Louis A. (See Cohen, C. A., and Mikeska.)
Mikeska, Louis A. (See Lieber, E., and Mikeska.)
Mikeska, Louis A., Westfield, N. J., assignor to Standard Oil Development Company. Detergent aids and producing same from tetra-isobutylene. 2,192,689; Mar. 5.
Mikeska, Louis A., Westfield, N. J., assignor to Standard Oil Development Company. Detergent aid. 2,213,588; Sept. 3.
Mikeska, Louis A., Elizabeth, N. J., assignor to Standard Oil Development Company. Improving lubricating oil. 2,204,609; June 18.
Mikeska, Louis A., Roselle, N. J., assignor to Standard Oil Development Company. (Wetting agent and detergent aid. 2,219,050; Oct. 22.
Mikeska, Louis A., and C. A. Cohen, Elizabeth, N. J., assignors to Standard Oil Development Company. Dialkyl diphenol sulphides. 2,195,539; Apr. 2.
Mikeska, Louis A., and F. L. Miller, Elizabeth, N. J., assignors to Standard Oil Development Company. Lubricant containing organic sulphides. 2,205,858; June 25.
Mikeska, Louis A., Westfield, and G. E. Serniuk, Elizabeth, N. J., assignors to Standard Oil Development Company. Preparation of oil solutions of organic sulphonates. 2,209,169; July 23.
Miketta, C. A. (See Aronow, Albert M., assignor.)
Miketta, C. A. (See Carter, Rowland S., assignor.)
Mikina, Stanley J. (See Hanna, C. R., and Mikina.)
Mikina, Stanley J., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine blade vibration damper. 2,198,784; Apr. 30.
Mikkelson, Berent A., Seattle, Wash. Electric heater for liquids. 2,211,380; Aug. 13.
Mikkelson, Clarence M., New Hampton, Iowa. Safety brake seal. 2,198,944; Apr. 30.
Mikosz, Edward A., Hamtramck, Mich. Atomizer. 2,203,576; June 4.
Mikulasek, John, assignor to The Maytag Company, Newton, Iowa. Safety release for wringers. 2,188,009; Jan. 23.
Mikulasek, John, assignor to The Maytag Company, Newton, Iowa. Combination drain and gearshift for washing machines. 2,197,558; Apr. 16.
Mikulasek, John, assignor to The Maytag Company, Newton, Iowa. Operating mechanism for washing machines. 2,197,559; Apr. 16.
Mikulasek, John, assignor to The Maytag Company, Newton, Iowa. Fluted drive torque. 2,202,667; May 28.
Milani, Eugene C., South San Francisco, Calif. Wall bracket for clothes. 2,194,951; Mar. 26.
Milar, John P., Chicago, Ill. Humidifying apparatus. 2,220,578; Nov. 5.
Milarch, Max R., Portland, Oreg. Fingernail brush. 2,191,721; Feb. 27.
Milarta, Louis E., Hollis, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regulated rectifier circuit. 2,196,680; Apr. 9.
Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Producing alkyl peroxides and hydroperoxides. 2,223,807; Dec. 3.
Milbank, Vinton K., Scarsdale, N. Y. Dispensing device. 2,220,117; May 7.
Milberg, Herman P. R., Carver, Minn. Rivet setting and removing tool. 2,219,631; Oct. 29.
Milburn, Denys P., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Resist color printing. 2,217,696; Oct. 15.
Milburn, Denys P., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Production of resist effects illuminated with vat dyestuff. 2,217,697; Oct. 15.
Milburn, Denys P., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Printing cellulosic textile materials. 2,217,805; Oct. 15.

Milcor Steel Company. (See Siebenlist, Anthony G., assignor.)
Milcor Steel Company. (See Wollaeger, Clarence G., assignor.)
Mildner, Raymond C. (See Scott, T. R., and Mildner.)
Mildner, Raymond C. (See Webb, J. K., and Mildner.)
Mildrum, W. W., Jewel Company, The. (See Benson, Arthur R., assignor.)
Miles, Gilbert D. (See Bell, A. C., Miles, and Russell.)
Miles, Herbert E., Lakewood, assignor to The Glidden Company, Cleveland, Ohio. Flat varnish. 2,214,771; Sept. 17.
Miles, James E., Madison, Ind. Machine for spreading pulverized materials. 2,185,415; Jan. 2.
Miles, John B., Jr. (See Hardy, V. R., and Miles.)
Miles, John B. Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial wool. 2,197,896; Apr. 23.
Miles Laboratories, Inc. (See Beardsley, Charles S., assignor.)
Miles, Lawrence D., Ballston Lake, N. Y., assignor to General Electric Company. Discharge apparatus. 2,192,047; Feb. 27.
Miles, Lawrence D., Ballston Lake, N. Y., assignor to General Electric Company. Discharge device. 2,210,816; Aug. 6.
Miles, Nay, assignor of one-third to G. C. Jackson, Jr., and one-third to H. L. D. Scott, Anahuac, Tex. Safety cage for oil derricks. 2,208,194; July 16.
Miles, William C., White Plains, N. Y. Display package. 2,195,577; Apr. 2.
Miles, William C., White Plains, N. Y. Fish lure. 2,215,971; Sept. 24.
Mili, Gjon, Upper Montclair, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Light source for projection systems. 2,190,294; Feb. 13.
Milich, Vlada, Detroit, Mich. Caster. 2,203,539; June 4.
Milich, Vlada, Detroit, Mich. Caster. 2,225,753; Dec. 24.
Milkweed Products Development Corporation. (See Berkman, Boris, assignor.)
Millam, Bruce V., Menlo, Wash. Portable and collapsible pile driver. 2,192,091; Feb. 27.
Millar, Preston S., Scarsdale, and S. M. Gray, Yonkers, assignors to Electrical Testing Laboratories, New York, N. Y. Luminaire. 2,222,319; Nov. 19.
Millard, Ethel, H.W. Wetmore, and E. Ray, New York, N. Y. Filter and trap for plumbing fixtures. 2,220,772; Nov. 5.
Millard, Loren D., assignor to Murray Iron Works, Burlington, Iowa. Turbine. 2,199,595; May 7.
Millard, Walter, et al. (See Rivers, Bernard C., assignor.)
Millbrand, Otto. (See White, Eli, assignor.)
Millen, James R., Detroit, Mich. Teapot. 2,214,623; Sept. 10.
Miller, Abraham B., Newark, assignor to Hercules Powder Company, Wilmington, Del. Producing acid-resistant iron pipe. 2,214,062; Sept. 10.
Miller, Abram. (See Donnell, A. D., and Miller.)
Miller, Albert J., et al. (See Bell, Arthur R., assignor.)
Miller, Albert L., Los Angeles, Calif. Combined inhalator and irradiator. 2,213,403; Sept. 3.
Miller, Alfred G., Galva, assignor of one-half to R. Gillott, Wichita, Kans. Deep well pump. 2,215,558; Sept. 24.
Miller, Alfred J. (See Bucknam, J. H., and Miller.)
Miller, Alfred J. (See Bucknam, J. H., Miller, and Keller.)
Miller, Alois. (See Sheppley, W. S., and Miller.)
Miller, Amos L., Foss, Okla. Material mixing machine. 2,200,757; May 14.
Miller, Angus M., Pleasant Ridge, and H. H. Lightle, Detroit, Mich., assignors to The Electro-Alloys Company, Elyria, Ohio. Heat treating container. 2,192,648; Mar. 5.
Miller, Arthur A., McHenry, Ill. Hood lock. 2,218,683; Oct. 22.
Miller, Arthur J., Chicago, Ill. Tool support. 2,200,799; May 14.
Miller, Avery R., Jr. (See Miller, Avery R., and A. R., Jr.)
Miller, Avery R., and A. R., Jr., Fabens, Tex. Scraper attachment. 2,213,635; Sept. 3.
Miller, Benjamin, Richmond Hill, assignor to Power Patents Company, Hillside, N. J. Movable core spark plug. 2,202,220; May 28.
Miller, Benjamin, Richmond Hill, N. Y., assignor to Power Patents Company, Hillside, N. J. Spark coil testing. 2,206,849; July 2.
Miller, Benjamin, Richmond Hill, assignor to Power Patents Company, Hillside, N. J. Ignition coil testing apparatus. 2,210,324; Aug. 6.
Miller, Benjamin, Richmond Hill, assignor to Power Patents Company, Hillside, N. J. Gas analysis method and apparatus. 2,219,540; Oct. 29.
Miller, Benjamin, Richmond Hill, N. Y., assignor to Power Patents Company, Hillside, N. J. Dehydrating natural gas. 2,225,959; Dec. 24.
Miller, Bernard S., Chicago, Ill. Combined reclining chair and reading stand. 2,208,945; July 23.
Miller, Bert C., Montclair, N. J., assignor to Bert C. Miller, Inc., New York, N. Y. Film smoother. 2,189,738; Feb. 6.
Miller, Bert C., Montclair, N. J., assignor to Bert C. Miller, Inc., New York, N. Y. Coating paper. 2,190,843; Feb. 20.
Miller, Bert C., Inc. (See Miller, Bert C., assignor.)
Miller Bros. Hat Co. (See Miller, David, assignor.)
Miller, Bruce De H., assignor to The Girdler Corporation, Louisville, Ky. Working of solidified plastic materials. 2,206,419; July 2.
Miller, Bruce De H., assignor to The Girdler Corporation, Louisville, Ky. Processing of materials. 2,219,656; Oct. 29.
Miller-Bryant-Pierce Company, The. (See Marran, John S., assignor.)
Miller, Carl J., Buffalo, N. Y. Humidifier. 2,217,375; Oct. 8.
Miller, Carl W., Beaver Falls, assignor to Pressed Steel Car Company, Pittsburgh, Pa. Car construction. 2,189,739; Feb. 6.
Miller, Carl W., Beaver Falls, assignor to Pressed Steel Car Company, Inc., Pittsburgh, Pa. Car construction. 2,199,545; May 7.
Miller, Carroll E., assignor to Cone Automatic Machine Company Inc., Windsor, Vt. Spindle work-clamping mechanism. 2,210,092; Aug. 6.
Miller, Carrol E., assignor to Cone Automatic Machine Company, Inc., Windsor, Vt. Machine for making shafts. 2,219,694; Oct. 29.
Miller, Charles J., Los Angeles, Calif. Circulating air conditioner. 2,221,842; Nov. 19.
Miller, Charles M., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Film magazine light trap. 2,223,525; Dec. 3.
Miller, Charles R., assignor to Eli Lilly and Company, Indianapolis, Ind. Composite barbituric-acid derivative. 2,207,990; July 16.
Miller Company, The. (See Doane, Leroy C., assignor.)
Miller Company, The. (See Gould, James, Jr., assignor.)
Miller Company, The. (See Lapointe, Donald H., assignor.)
Miller Company, The. (See Runge, R. M. and Pascucci, assignors.)
Miller-Connell Mfg. Co. (See Cunningham, Ocie, assignor.)
Miller, Daniel D., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnetic device. 2,185,603; Jan. 2.
Miller, David. (See Thiberg, George, assignor.)
Miller, David, assignor to Miller Bros. Hat Co., Inc., New York, N. Y. Display device for hats. 2,213,677; Sept. 3.
Miller, David I., Albany, Oreg. Pruning shears. 2,190,503; Feb. 13.
Miller, David L., and A. G. Felker, Marshfield, Wis. Metal culvert. 2,202,743; May 28.
Miller, Dee, Vandalia, Ill., assignor to P. A. Thayer, Wichita, Kans., and A. J. Boundy, Salem, Ill. Mast for drilling oil wells and the like. 2,219,110; Oct. 22.
Miller, De Mont G., Los Angeles, Calif. Seal indicator for pumps. 2,209,466; July 30.
Miller, Edgar R., assignor to F. J. Littell Machine Co., Chicago, Ill. Plate lifter. 2,200,800; May 14.
Miller, Edmund, Jr., Bayside, N. Y. Combination carburetor and supercharger. 2,188,189; Jan. 23.
Miller, Edward J., Mount Clements, Mich. Awning strip. 2,189,567; Feb. 6.
Miller, Edward J., Cleveland, Ohio. Folder device. 2,195,494; Apr. 2.
Miller, Edward M., assignor to The J. B. Miller Keyless Lock Company, Kent, Ohio. Lock. 2,222,040; Nov. 19.
Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Gear finishing apparatus. 2,207,438; July 9.
Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Right and left hand helical guide for machine spindles. 2,217,666; Oct. 15.
Miller, Edwin W., Glendale, assignor to E. P. Burke, Los Angeles, Calif. Expanded metal lath. 2,218,007; Oct. 15.
Miller, Eli A., Downey, assignor to Vernon Tool Co., Ltd., Los Angeles, Calif. Pipe coupling. 2,201,372; May 21.
Miller, Ellis, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Alkyl catechols. 2,212,478; Aug. 20.
Miller, Ellsworth S., Detroit, Mich. Motion picture reel mounting. 2,220,610; Nov. 5.
Miller, Elmer L. (See Walther, G., and Miller.)
Miller, Ernest M., Excelsior, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Switch operating device. 2,191,742; Feb. 27.
Miller, Erwin E., Fullerton, Calif. Mud pump piston. 2,189,349; Feb. 6.
Miller, Floyd L. (See Mikeska, L. A., and Miller.)
Miller, Floyd L. (See Morway, A. J., and Miller.)
Miller, Francis C., Highland Park, Mich., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,209,787; July 30.
Miller, Francis J., administrator. (See Rogers, Kenneth S., assignor.)
Miller, Frank. (See Shuler, Harry V., assignor.)
Miller, Frank. (See Zimka, J., and Miller.)
Miller, Frank, East Orange, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J. Core lifter. 2,205,598; June 25.

Miller, Frank C., Chicago, Ill., and O. Wittel, and D. F. Lyman, assignors to Eastman Kodak Company, Rochester, N. Y. Film package. 2,191,028; Feb. 20.
Miller, Frank E., Swissvale, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic slack adjuster. 2,223,043; Nov. 26.
Miller, Frank P., Meadville, Pa. Cutting tool. 2,186,423; Jan. 9.
Miller, Frank P., Meadville, Pa. Rotary cutter. 2,201,495; May 21.
Miller, Frank P., and L. Skeel, Meadville, assignors, by mesne assignments, to Joy Fastener Company, Franklin, Pa. Slide fastener. Re. 21,325; Jan. 16.
Miller, Frank W., assignor to Franclare Company, Chicago, Ill. Boiler conditioning apparatus. 2,224,605; Dec. 10.
Miller, Fred A., St. Johns, assignor to R. M. Klemme, St. Louis, Mo. Steam-discharging pressing iron. 2,188,010; Jan. 23.
Miller, Fred A., St. Johns, assignor to R. M. Klemme, St. Louis, Mo. Steaming pressing iron. 2,188,011; Jan. 23.
Miller, Fred A., St. Johns, assignor of one-half to R. M. Klemme, St. Louis, Mo. Applying tax stamps to packaged goods. 2,207,930; July 16.
Miller, Fred M., Bala-Cynwyd, assignor to General Refractories Company, Philadelphia, Pa. Combustion chamber and arch. 2,192,752; Mar. 5.
Miller, Frederick W. (See Clark, H. A., Miller, Fowler, Anderson, and Brenner.)
Miller, George, Sheboygan, Wis. Walking appliance. 2,195,034; Mar. 26.
Miller, George E., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Clutch. 2,218,826; Oct. 22.
Miller, George E., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Brake control 2,220,611; Nov. 5.
Miller, George E., Sacramento, Calif., assignor to E. Clemens Horst Company, San Francisco, Calif. Hop separator. 2,226,009; Dec. 24.
Miller, George F. (See Noxon, P. A., and Miller.)
Miller, George K., Mobile, Ala. Pressure alarm. 2,208,909; July 23.
Miller, George R., assignor to Gibson, Inc., Kalamazoo, Mich. Adjustable tailpiece for stringed musical instruments. 2,207,628; July 9.
Miller, George W., Sapulpa, Okla. Sand pump bottom. 2,215,710; Sept. 24.
Miller, Gladyce S. (See Miller, Leonard H., assignor.)
Miller, Graham, Los Angeles, Calif. Concrete pipe apparatus. 2,194,028; Mar. 19.
Miller, Gray, Jr., Westmount, Quebec, Canada. Eyeshield. 2,192,092; Feb. 27.
Miller, Harley H., Middletown, Ohio, assignor to The Philip Carey Manufacturing Company. Wall cabinet. 2,193,372; Mar. 12.
Miller, Harley H., Middletown, Ohio, assignor to The Philip Carey Manufacturing Company. Illuminated cabinet. 2,223,943; Dec. 3.
Miller, Harold. (See Lubszynski, H. G., and Miller.)
Miller, Harold, London, assignor to Electric & Musical Industries Ltd., Middlesex, Hayes, England. Picture transmitter. 2,211,145; Aug. 13.
Miller, Harold, South Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, England. Picture transmitter. 2,211,146; Aug. 13.
Miller, Harold, South Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Picture transmitter. 2,212,923; Aug. 27.
Miller, Harold B., United States Navy, and G. R. Fisher, Palo Alto, Calif. Radio receiver and direction finder. 2,207,750; July 16.
Miller, Harry. (See Christensen, L. M., and Miller.)
Miller, Harry G., Denver, Colo. Apparatus for surfacing valve seats. 2,208,680; July 23.
Miller, Helene S. (See (Miller, J. A., assignor), and Waller.)
Miller, Henry H., Charleston, W. Va. Slip dispenser. 2,211,284; Aug. 13.
Miller, Henry M., assignor to The American Monorail Company, Lakewood, Ohio. Rail joint for monorail systems. 2,193,409; Mar. 12.
Miller, Herbert G., Lakewood, Ohio. Optical apparatus. 2,189,568; Feb. 6.
Miller, Hoke S., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of chlorine. 2,204,733; June 18.
Miller, Homer B., Gardiner, Maine, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Tool for performing abrading or polishing operations. 2,225,073; Dec. 17.
Miller, Horace P., Oakland, Calif. Engine. 2,224,229; Dec. 10.
Miller, Hugh, and J. L. Farrell, Whittenburg, Tex.; M. B. Farrell, executrix of said J. L. Farrell, deceased, assignors to Phillips Petroleum Company. Treating hydrocarbons. 2,189,016; Feb. 6.
Miller, I., & Sons, Inc. (See Pape, James C., assignor.)
Miller, I., & Sons, Inc. (See Rentsch, Paul, assignor.)
Miller, Isador. (See Grosvenor, W. M., Jr., and Miller.)
Miller, J. B., et al. (See Kuehn, W. G., and Hover, assignors.)
Miller, J. B., Keyless Lock Company. (See Miller, Edward M., assignor.)
Miller, Jacob A., et al. (See Weaver, James C., assignor.)
Miller, James E., Sherman, Tex. Hand truck. 2,197,587; Apr. 16.
Miller, James R., Pittsburgh, Pa. Oil conditioning system. 2,225,652; Dec. 24.
Miller, James S., and C. R. Waller; said Miller assignor to H. S. Miller, Trenton, N. J. Method and means for use in dentistry. 2,204,809; June 18.
Miller, John A., assignor to Nachod & United States Signal Co., Incorporated, Louisville, Ky. Signaling system. 2,210,423; Aug. 6.
Miller, John H. (See Mettler, J. W., Miller, and Evans.)
Miller, John H. (See Wolferz, A. H., and Miller.)
Miller, John H., Baltimore, Md. Illuminated picture frame. 2,220,262; Nov. 5.
Miller, John H., and F. Evans, Martinsburg, W. Va., assignors to Interwoven Stocking Company, New Brunswick, N. J. Process of knitting. 2,203,228; June 4.
Miller, John R., Dormount, Pa. Check valve. 2,216,622; Oct. 1.
Miller, John W. (See Jones, D. F., and Miller.)
Miller, John W., assignor to Motor Wheel Corporation, Lansing, Mich. Draft regulator. 2,194,608; Mar. 26.
Miller, John W., assignor to Motor Wheel Corporation, Lansing, Mich. Heater construction. 2,217,128; Oct. 8.
Miller, John Z., Newark, assignor to Hercules Powder Company, Wilmington, Del. Production of maleic anhydride. 2,215,070; Sept. 17.
Miller-Jonas Corporation. (See Miller, Louis C. and L. P., assignors.)
Miller-Jonas Corporation. (See Miller, Louis P., assignor.)
Miller, Joseph, et al. (See Morrone, William, assignor.)
Miller, Joseph A., assignor to Boutell Manufacturing Company, Rochester, N. Y. Vegetable slicing machine. 2,224,655; Dec. 10.
Miller, Joseph C. (See Baker, Harry R., assignor.)
Miller, Joseph E., Oak Park, Ill. Apparatus for producing reinforced concrete structures. 2,210,553; Aug. 6.
Miller, Joseph E., Oak Park, and P. L. Osweiler, Bellwood, Ill. Machine for reinforcing pipe. 2,215,361; Sept. 17.
Miller, Julius. (See Markush, E. A., Malawista, and Miller.)
Miller, Julius, Brooklyn, N. Y. Knob and spindle mechanism for door latches. 2,185,863; Jan. 2.
Miller, Julius J., St. Joseph, Mich. Machine for performing succesive operations on materials. 2,211,285; Aug. 13.
Miller, Kenneth H. (See Manarik, J. A., and Miller.)
Miller, Lavon D., Hicksville, Ohio. Ferrule mounting. 2,199,268; Apr. 30.
Miller, Lee B., assignor to Enger-Kress Company, West Bend, Wis. Key case. 2,219,561; Oct. 29.
Miller, Leon B., Brooklyn, N. Y. Piston ring compressor. 2,208,136; July 16.
Miller, Leonard H., assignor to G. S. Miller, Bloomfield, N. J. Electric massage device. 2,193,978; Mar. 19.
Miller, Leonidas C., assignor to Eastman Oil Well Survey Company, Dallas, Tex. Well device and operating means therefor. 2,209,627; July 30.
Miller, Lloyd G., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Heel-seat fitting machine. 2,212,614; Aug. 27.
Miller, Lloyd G., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Rounding machine. 2,216,824; Oct. 8.
Miller, Lloyd G., and T. P. Courchene, Beverly, Mass., assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for shaping uppers over lasts. 2,224,230; Dec. 10.
Miller, Loren E. (See Cooper, J. H., Brower and Miller.)
Miller, Louis C., and L. P. Miller, Brooklyn, assignors to Miller-Jonas Corporation, New York, N. Y. Device for making pile fabrics. 2,226,632; Dec. 31.
Miller, Louis P. (See Miller, Louis C. and L. P.)
Miller, Louis P., Brooklyn, assignor to Miller-Jonas Corporation, Walden, N. Y. Pile fabrics. 2,226,631; Dec. 31.
Miller, Luther W., Wichita, Kans. Utensil for baking buns or the like. 2,222,112; Nov. 19.
Miller, Malcolm E., Columbus, Ohio. Nonsplit nail. 2,212,787; Aug. 27.
Miller Manufacturing Company. (See Elderkin, Clair T., assignor.)
Miller, Marvin F. (See Holm, M. M., Lyman, and Miller.)
Miller, Mary S. (See Culmer, Harry H., assignor.)
Miller, Maurice L., Louisville, Ky. Drying materials. 2,223,117; Nov. 26.
Miller, Max C., et al. (See Ramsden, Walter, assignor.)
Miller, Max C., Cumberland, R. I. Knitting machine. 2,203,693; June 11.
Miller, Max C., Cumberland, R. I., assignor to Knitting Machines Corporation. Knitting machine. 2,217,520; Oct. 8.
Miller, Max C., Cumberland, R. I., assignor to Knitting Machines Corporation. Knitting machine. 2,217,521; Oct. 8.
Miller, Melville A., Chicago, Ill. Phonograph needle. 2,199,923; May 7.
Miller, Melvin G., Houston, Tex. Blowout plug. 2,216,351; Oct. 1.

Miller, Melvin G., assignor of fifty per cent to T. N. Hunt, Houston, Tex. Valve. 2,225,838; Dec. 24.
Miller, Melvin, and L. N. Davis, Flushing, Mich. Well cleaner. 2,216,674; Oct. 1.
Miller Meters, Incorporated. (See Long, Sam W., assignor.)
Miller, Michael J., Ashtabula, Ohio, assignors to The Dun-Mil Products, Inc., Painesville, Ohio. Ash tray. 2,205,377; June 18.
Miller, Milo F., Kansas City, Mo. Combined trip record and map. 2,186,204; Jan. 9.
Miller, Milo F., Kansas City, Mo. Holder for liquid insecticides. 2,187,276; Jan. 16.
Miller, Milo F., Kansas City, Mo. Position indicator for airplanes. 2,192,450; Mar. 5.
Miller, Nickolaus F., Dwight, Ill. Stovepipe air conditioner. 2,212,301; Aug. 20.
Miller, Nickolaus F., Dwight, Ill. Combined pen, pencil, and spectacle case holder. 2,218,891; Oct. 22.
Miller, Norman B., assignor to H. Case, New York, N. Y., doing business as The Marlo Company. Packing. 2,221,453; Nov. 12.
Miller, Ohmer R. (See King, R. E., and Miller.)
Miller, Parks W., McKeesport, and W. A. Trosen, Clairton, Pa. Electric lamp fixture. 2,204,316; June 11.
Miller, Paul G. (See Russell, M. W., and Miller.)
Miller, Pearl L. (See Rude, S., and Miller.)
Miller, Pearle N., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,202,113; May 28.
Miller, Percy C., Madison, S. Dak. Hay bucker and stacker. 2,214,427; Sept. 10.
Miller, Pharis. (See Lieber, E., and Miller.)
Miller, Pharis, and G. H. Cloud, Elizabeth, N. J., assignors to Standard Oil Development Company. Diesel fuel ignition accelerator. 2,223,181; Nov. 26.
Miller, Pharis, Des Moines, Iowa, and G. H. Cloud, Elizabeth, N. J., assignors to Standard Oil Development Company. Diesel fuel ignition promoter. 2,225,879; Dec. 24.
Miller, Philip M. and R. B., Cleveland, Ohio, assignors to Bendix Aviation Corporation, South Bend, Ind. Brake drum. 2,201,445; May 21.
Miller Printing Machinery Co. (See Huffman, Samuel A., assignor.)
Miller Printing Machinery Co. (See Neuhart, Andrew, assignor.)
Miller Printing Machinery Co. (See Sinkovitz, Joseph, assignor.)
Miller, Ralph. (See Hixson, A. W., and Miller.)
Miller, Ralph A. (See Bogart, O. R., and Miller.)
Miller, Raymond C., and D. R. Nichols, Berwick, Pa., assignors to American Car and Foundry Company, New York, N. Y. Removable folding table. 2,226,735; Dec. 31.
Miller, Raymond E., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor governor. 2,223,044; Nov. 26.
Miller, Richard B. (See Miller, Philip M. and R. B.)
Miller, Robert A. (See Bair, G. J., and Miller.)
Miller, Robert A., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Absorptive glass. 2,223,118; Nov. 26.
Miller, Robert A., Plainfield, and H. C. Rubly, Millburn, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching device. 2,190,295; Feb. 13.
Miller, Robert H., Des Moines, Iowa., assignor to General Electric Company. Magnetic coupler. 2,226,287; Dec. 24.
Miller, Robert J., Chicago, Ill. Butter serving appliance. 2,216,980; Oct. 8.
Miller, Robert L., Webb City, Mo. Fender for plows. 2,190,240; Feb. 13.
Miller, Robert N., Lansdowne, Pa., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Track rail grinding apparatus. 2,197,729; Apr. 16.
Miller, Roger L., Lincoln, Ill. Foil condenser and producing same. 2,203,283; June 4.
Miller, Roy C., Los Angeles, Calif. Flashing lantern. 2,211,069; Aug. 13.
Miller, Roy G., et al. (See Davis, Wilbur A., assignor.)
Miller, Roy W., Barberton, Ohio. Game apparatus. 2,186,465; Jan. 9.
Miller, Rudolph A., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Hot water heating arrangement. 2,201,406; May 21.
Miller, Rudolph C., Beaumont, Tex. Invalid bed. 2,211,905; Aug. 20.
Miller, Rudolph W., Winona, Minn. Lubricator and seal. 2,207,751; July 16.
Miller, Russell B., administrator. (See Chrysler, Everett E.)
Miller, Samuel C., New York, N. Y. Neon sign insulator and attaching means therefor. 2,206,913; July 9.
Miller, Samuel C., New York, N. Y. High tension sign insulator and attaching means therefor. 2,219,327; Oct. 29.
Miller, Samuel H., Rock Island, Ill. Apparatus for advanced chiropractic process. 2,211,214; Aug. 13.
Miller, Samuel J., Corpus Christi, Tex., assignor of fifty per cent to Fleury-Bissell Limited, Elora, Ontario, Canada. Disk harrow. 2,191,537; Feb. 27.
Miller, Sigrid, Porter, Minn. Yarn ball holder. 2,194,609; Mar. 26.
Miller, Stephen J., Danbury, Conn. Flexible ironing device. 2,204,996; June 18.
Miller, Stuart P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Roof scraping apparatus. 2,197,154; Apr. 16.
Miller, Stuart P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Crystallizing naphthalene. 2,207,752; July 16.
Miller, Stuart P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Roofing. 2,212,122; Aug. 20.
Miller, Swift, Wauwatosa, assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Seat adjuster. 2,225,074; Dec. 17.
Miller, Theodore H., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Support for neck bearings of centrifugal separators. 2,187,359; Jan. 16.
Miller, Theodore H., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Process and apparatus for purifying liquids deleteriously affected by air. 2,223,999; Dec. 3.
Miller, Thomas W., assignor to The Faultless Rubber Company, Ashland, Ohio. Fluid dispenser. 2,222,852; Nov. 26.
Miller, Warren E., et al., executors. (See Bateman, Joseph L.)
Miller, Wayland R., Nashotah, Wis., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system for refrigerating apparatus. 2,191,967; Feb. 27.
Miller, Wayland R., Nashotah, Wis., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,192,144; Feb. 27.
Miller, Wayland R., Nashotah, Wis., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,200,118; May 7.
Miller, Wayland R., Nashotah, Wis., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Building temperature control system. 2,216,825; Oct. 8.
Miller, Wilber B., Niagara Falls, N. Y., assignor to Oxweld Acetylene Company. Electric welding. 2,194,712; Mar. 26.
Miller, William F., assignor to Industrial Engineering Corporation Evansville, Ind. Heating system. Re. 21,350; Feb. 13.
Miller, William F., assignor to Industrial Engineering Corporation, Evansville, Ind. Electrically operated time switch. 2,190,603; Feb. 13.
Miller, William H., Fort Wayne, Ind., assignor to General Electric Company. Insulating material containing mica. 2,195,254; Mar. 26.
Miller, William H., Royal Oak, assignor to The Flex-O-Tube Company. Flexible hose connection. 2,211,147; Aug. 13.
Miller, William H., Royal Oak, assignor to The Flex-O-Tube Company, Detroit, Mich. Quick detachable coupling. 2,226,826; Dec. 31.
Miller, William J., Swissvale, Pa. Apparatus for the manufacture of articles from plastic materials. Re. 21,663; Dec. 17.
Miller, William J., Swissvale, Pa. Automatically feeding and forming plastic material in the manufacture of pottery. Re. 21,672; Dec. 24.
Miller, William J., Swissvale, Pa. Method of and apparatus for manufacturing pottery ware. 2,187,836; Jan. 23.
Miller, William J., Swissvale, Pa. Method and apparatus for manufacturing pottery ware. 2,191,857; Feb. 27.
Miller, William J., Swissvale, Pa. Method and apparatus for manufacturing pottery ware. 2,200,860; May 14.
Miller, William J., Swissvale, Pa. Manufacturing lugged pottery ware. 2,217,346; Oct. 8.
Miller, William J., Los Angeles, Calif. Mud box. 2,214,428; Sept. 10.
Miller, William J., Los Angeles, Calif. Mud box. 2,214,429; Sept. 10.
Miller, William M., Yucaipa, Calif. Trailer brake. 2,202,221; May 28.
Miller, Wilson L., Rahway, N. J. Control device for prime movers. 2,222,780; Nov. 26.
Millermaster, Ralph A., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Fuse pull-out device. 2,193,201; Mar. 12.
Millermaster, Ralph A., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Wiring-terminal device. 2,193,202; Mar. 12.
Millermaster, Ralph A., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Fuse clamp. 2,194,667; Mar. 26.
Millermaster, Ralph A., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric safety switch. 2,206,107; July 2.
Millermaster, Ralph A., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric fuse clamp. 2,213,284; Sept. 3.
Millermaster, Ralph A., and A. A. Writzmann, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Service control equipment. 2,197,054; Apr. 16.
Millermaster, Ralph A., Milwaukee, and A. A. Writzmann, West Allis, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,217,024; Oct. 8.

Millers Falls Company. (See Parsons, William J., assignor.)
Millett, John E. (See Sackner, W. E., and Millett.)
Millican, Roy E. (See Millican, Word R. and R. E.)
Millican, Word R., Dallas, Tex. Flow valve. 2,207,129; July 9.
Millican, Word R. and R. E., Mesquite, Tex. Brake operating mechanism. 2,194,197; Mar. 19.
Millican, Word R. and R. E., Mesquite, Tex. Brake operating mechanism. 2,194,198; Mar. 19.
Milliken, Arnold S., assignor to The Jaeger Machine Company, Columbus, Ohio. Apparatus for building roads. 2,195,221; Mar. 26.
Milliken, Foster, Lawrence, N. Y., assignor to Milliken Valve Corporation. Lubricated valve. 2,208,870; July 23.
Milliken, Humphreys, Montreal, Quebec, Canada. Electric power cable. 2,187,213; Jan. 16.
Milliken Valve Corporation. (See Milliken, Foster, assignor.)
Milliman, Elwood W., Burr Oak, Mich. Combined planter and fertilizer dropper. 2,217,071; Oct. 8.
Millington, Alfred F. (See Welch, L. W., and Millington.)
Millington, John W. (See Ellis, L. G., and Millington.)
Millington, John W., and W. T. Evans, Beaumont, Tex., assignors, by mesne assignments, to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Bore hole exploring apparatus. 2,197,571; Apr. 16.
Mills, Albert W., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Printing transferring machine. 2,189,043; Feb. 6.
Mills, Albert W., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Keyboard actuator. 2,192,616; Mar. 5.
Mills, Albert W., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,217,179; Oct. 8.
Mills, Albert W., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,224,770; Dec. 10.
Mills, Albert W., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Record controlled printing machine. 2,224,771; Dec. 10.
Mills, Albert W., Endicott, and F. J. Furman, Vestal, assignors to International Business Machines Corporation, New York, N. Y. Record punching machine. 2,213,567; Sept. 3.
Mills, Arthur R., and H. D. Weiss, Warsaw, Ind. Concrete distributor for road pavings. 2,224,084; Dec. 3.
Mills, Bert E., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Vending machine. 2,189,740; Feb. 6.
Mills, Bert E., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Electric token delivery device. 2,208,515; July 16.
Mills Company, The. (See Mills, George M., assignor.)
Mills Company, The. (See Winslow, Edward N., assignor.)
Mills, David E., Warwick, and G. N. Taylor, East Providence, R. I., assignors to Universal Winding Company, Boston, Mass. Apparatus for conditioning yarn and other strand materials. 2,188,442; Jan. 30.
Mills, Donald H., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender, fender shield, and assembly. 2,222,624; Nov. 26.
Mills, Donald H., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield and assembly. 2,222,625; Nov. 26.
Mills Equipment Company Limited, The. (See Lethern, Albert A., assignor.)
Mills, George, Gordon, New South Wales, Australia. Fluid-flow governor. 2,217,129; Oct. 8.
Mills, George E., Brighton, assignor of one-half to W. J. Brooks, Roslindale, Mass. Terrestrial globe. 2,195,420; Apr. 2.
Mills, George M., Cleveland Heights, assignor to The Mills Company, Cleveland, Ohio. Partition structure. 2,202,861; June 4.
Mills, George M., assignor to The Mills Company, Cleveland, Ohio. Partition structure. 2,202,862; June 4.
Mills, Guy G., Columbus, Ohio. Rolling door. 2,208,039; July 16.
Mills, Henry L., assignor to G. L. Pugh, Minneapolis, Minn. Arc welding system. 2,200,632; May 14.
Mills, Henry L., assignor to G. L. Pugh, Minneapolis, Minn. Device for producing current pulses. 2,225,227; Dec. 17.
Mills, Herbert E., Detroit, Mich., assignor to Borg-Warner Corporation. Stove. 2,187,169; Jan. 16.
Mills, Herbert E., Detroit, Mich., assignor to Borg-Warner Corporation. Stove. 2,223,961; Dec. 3.
Mills, John E., McCook, Nebr. Swather bar. 2,203,418; June 4.
Mills, John T., Essex, and J. F. Parson, assignors to John Thornton & Co., Inc., Westbrook, Conn. Saw with interchangeable blade. 2,219,136; Oct. 22.
Mills, John W. (See Monnia, E. F., and Mills.)
Mills, Kenneth F. (See Monnia, E. F., and Marcus, assignors.)
Mills, Lindley E. (See Coleman, G. H., Mills, and Moore.)
Mills, Lindley E., assignor to The Dow Chemical Company, Midland, Mich. Dusting composition. 2,210,945; Aug. 13.
Mills, Lindley E., assignor to The Dow Chemical Company, Midland, Mich. Tertiary alkyl halo-phenols. 2,221,807; Nov. 19.
Mills, Lindley E., assignor to The Dow Chemical Company, Midland, Mich. Cyclohexyl - halo - phenols. 2,221,809; Nov. 19.
Mills, Lindley E., and B. L. Fayerweather, assignors to The Dow Chemical Company, Midland, Mich. Dinitroalkyl-phenol. 2,192,197; Mar. 5.
Mills, Lindley E., and C. M. Galloway, assignors to The Dow Chemical Company, Midland, Mich. Halo-substituted polyalkyl phenols. 2,221,808; Nov. 19.
Mills Novelty Company. (See Mills, Bert E., assignor.)
Mills Novelty Company. (See Voigtritter, Max H., assignor.)
Mills, Robert, Kew Gardens, N. Y., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,204,810; June 18.
Mills, Robert K., Sherwood, Nottingham, assignor to Hosiery Development Limited, Nottingham, England. Method of and apparatus for knitting stockings. 2,191,577; Feb. 27.
Mills, Victor, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Sulphonation. 2,187,244; Jan. 16.
Mills, Victor, and R. C. Wood, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Reacting higher alcohols with sulphating agents. 2,214,254; Sept. 10.
Mills, Wallace C., assignor to J. L. Clark Manufacturing Company, Rockford, Ill. Closure cap and the like and making same. 2,186,728; Jan. 9.
Mills, Wallace C., assignor to J. L. Clark Manufacturing Co., Rockford, Ill. Metallic container. 2,186,338; Jan. 9.
Mills, Wallace C., assignor to J. L. Clark Manufacturing Co., Rockford, Ill. Metallic container. 2,190,844; Feb. 20.
Millsap, Walter, Los Angeles, Calif. Periodic switch. 2,207,066; July 9.
Millspaugh, William H., assignor to Sandusky Foundry and Machine Co., Sandusky, Ohio. Paper making machine. 2,186,171; Jan. 9.
Millspaugh, William H., assignor to Sandusky Foundry and Machine Co., Sandusky, Ohio. Papermaking machine. 2,204,426; June 11.
Milmoe, Michael J., Glen Ellyn, assignor to F. B. Redington Co., Chicago, Ill. Feeding mechanism for wrapping machines. 2,202,503; May 28.
Milmoe, Michael J., Glen Ellyn, assignor to F. B. Redington Co., Chicago, Ill. Package. 2,224,504; Dec. 10.
Milmoe, Michael J., Glen Ellyn, and C. J. Malhiot, Oak Park, assignors to F. B. Redington Co., Chicago, Ill. Article feeding mechanism. 2,190,620; Feb. 13.
Milmoe, Michael J., Glen Ellyn, and C. J. Malhiot, Oak Park, assignors to F. B. Redington Co., Chicago, Ill. Packaging machine and packaging. 2,227,378; Dec. 31.
Milne, Gordon F. (See McDevitt, Harry J., assignor.)
Milne, Samuel, Edinburgh, Scotland. Paper-making machine. 2,205,693; June 25.
Milne, Winford G., assignor to N. Slater Company Limited, Hamilton, Ontario, Canada. Dead end cable clamp. 2,196,320; Apr. 9.
Milnes, Henry R., Bingley, assignor to L. B. Smith, Bradford, England. Thermal generation of electric current. 2,215,332; Sept. 17.
Milo Products Company, The. (See White, Thomas H., assignor.)
Milshow, Anthony. (See Santacroce, A., and Milshow.)
Milton, John L., Louisville, Ky. Method and apparatus for treating fluids and solids. 2,186,033; Jan. 9.
Milwaukee Flush Valve Company. (See Judell, J. S., and Held, assignors.)
Milwaukee Foundry Equipment Company. (See Fellows, Harrison E., assignor.)
Milwaukee Gas Specialty Company. (See Arden, Thomas T., assignor.)
Milwaukee Gas Specialty Company. (See Mantz, Harold A., assignor.)
Milwaukee Gas Specialty Company. (See Mueller, R. W., and Bernsee, assignors.)
Milwaukee Gas Specialty Company. (See Wantz, Clarence, assignor.)
Milwaukee Gas Specialty Company. (See Wetzel, Theodore A., assignor.)
Milwaukee Lace Paper Company. (See Hamilton, Kenneth C., assignor.)
Milwaukee Saddlery Company. (See Bloomberg, Josepb E., assignor.)
Milwaukee Saddlery Company. (See Hughes, Charles, assignor.)
Milwaukee Saw Trimmer Corporation. (See Billker, F. W., and Tapper, assignors.)
Mims, Charles N., Paris, and J. Pitt, assignors to Airpak Limited, London, England. Cleaning and feeding kapok and other staple fibers. 2,221,262; Nov. 12.
Min-A-Max Company. (See Krannak, Steven J., assignor.)
Minard, David P., Chicago, Ill. Car refrigeration. 2,187,277; Jan. 16.
Minard, Everett S., Oakland, assignor to W. King, San Francisco, Calif. Receptacle actuated valve for filling machines. 2,197,368; Apr. 16.
Minardi, Frances, et al. (See Kennedy, John F., assignor.)
Minatel, Harry, et al. (See Darling, Louis H., assignor.)

Mincher, John M., and H. F. Wieger, assignors of one-third to E. C. McMillan, Detroit, Mich. Floating and troweling machine. 2,208,801; July 23.
Minco Products Corporation. (See Fischer, Arnold F., assignor.)
Minco Products Corporation. (See Minkow, Julius M., assignor.)
Mine Safety Appliances Company. (See Jacobson, Moses G., assignor.)
Mine Safety Appliances Company. (See Punton, Charles W., assignor.)
Mine Safety Appliances Company. (See Yant, William P., assignor.)
Mine and Smelter Supply Company, The. (See Adams, James A., assignor.)
Miner, Carl S., Glencoe, Ill., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of compositions containing components of the vitamin B complex. 2,202,161; May 28.
Miner, James H., Meridian, Miss. Ice tray. 2,189,917; Feb. 13.
Miner, James H., Meridian, Miss. Ice tray. 2,193,694; Mar. 12.
Miner, James H., Meridian, Miss. Ice tray. 2,221,693; Nov. 12.
Miner, James H., Meridian, Miss. Ice tray. 2,221,810; Nov. 19.
Miner, James H., Meridian, Miss., assignor to General Electric Company. Ice tray and mechanically releasing ice blocks. 2,212,424; Aug. 20.
Miner, James H., Meridian, Miss., assignor to General Electric Company. Freezing tray. 2,212,425; Aug. 20.
Miner, John D., Jr., Lima, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Shaver-type motor. 2,221,599; Nov. 12.
Miner, Keith H., Huntington Park, assignor to Lane-Wells Company, Los Angeles, Calif. Sampling well fluid. 2,187,047; Jan. 16.
Miner, Ralph K. (See Dalzell, C. B., and Miner.)
Miner, Ralph K., Oriskany Falls, N. Y., assignor to Cherry-Burrell Corporation, Wilmington, Del. Receptacle and closure cap therefor. 2,214,255; Sept. 10.
Miner, Robert G., La Crosse, Wis. Control apparatus for unloading compressors. 2,213,743; Sept. 3.
Miner, Robert I., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Wringer. 2,199,079; Apr. 30.
Miner, Roland R., Wichita, Kans. Current regulator for alternating current power circuits. 2,195,969; Apr. 2.
Miner, W. H., Inc. (See Dentler, Arnold E., assignor.)
Miner, W. H., Inc. (See Dwyer, William M., assignor.)
Miner, W. H., Inc. (See Haseltine, Stacy B., assignor.)
Miner, W. H., Inc. (See Johnson, George A., assignor.)
Miner, W. H., Inc. (See Lehman, Edward H., assignor.)
Miner, W. H., Inc. (See Lindeman, James E., assignor.)
Miner, W. H., Inc. (See Link, John H., assignor.)
Miner, W. H., Inc. (See Olander, Roland J., assignor.)
Mineral Cutting Machine Company. (See Cadwallader, Edgar M., assignor.)
Minerals Beneficiation Incorporated. (See Rakowsky, V., and Arms, assignors.)
Minerals Beneficiation Incorporated. (See Rakowsky, V. Arms, and Holt, assignors.)
Minerals Beneficiation, Incorporated. (See Wade, Henry H., assignor.)
Minerals Separation North American Corporation. (See Brown, E. H., and Williams, assignors.)
Minerals Separation North American Corporation. (See Trotter, W., and Wilkinson, assignors.)
Minerals Separation North American Corporation. (See Tucker, Stanley, assignor.)
Minerva Wax Paper Company. (See McCaskey, Perry A., assignor.)
Minett, Wilfrid T., Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Locking thread supply case for sewing machines. 2,208,999; July 23.
Minger, Forest R. (See Heath, S. B., and Minger.)
Minger, Michael E., assignor of one-half to E. P. White, Pottsville, Pa. Game apparatus. 2,192,096; Feb. 27.
Minich, Verne E., and G. N. Grove, assignors to The American Foundry Equipment Company, Mishawaka Ind. Abrasive equipment. 2,204,610; June 18.
Minich, Verne E., Scarsdale, N. Y., and G. N. Grove assignors to The American Foundry Equipment Company, Mishawaka, Ind. Abrasive equipment. 2,204,611; June 18.
Minick, William L., Jr., Waynesboro, Pa. Vehicle wheel suspension. 2,213,822; Sept. 3.
Miniconi, Henri J., Stains, France. Automatic jack device for automobiles. 2,201,373; May 21.
Mining Engineering Company Limited, The. (See Nyborg, Tage G., assignor.)
Mining Process and Patent Company. (See Daman, Arthur C., assignor.)
Mink, Leon D., assignor to Industrial Patents Corporation, Chicago, Ill. Treatment of egg whites. 2,200,963; May 14.
Minkler, Raymond A. (See MacDonald, A. V., Minkler, and Iske.)
Minkoff, Gregorie. (See Stanley, H. M., Minkoff, and Youell.)
Minkow, Julius M., assignor to Minco Products Corporation, New York, N. Y. Safety controllable driving mechanism. 2,222,540; Nov. 19.
Minneapolis-Honeywell Regulator Company. (See Annin, Douglas H., assignor.)
Minneapolis-Honeywell Regulator Company. (See Baak, Albert E., assignor.)
Minneapolis-Honeywell Regulator Company. (See Beveridge, Robert A., assignor.)
Minneapolis-Honeywell Regulator Company. (See Borse F. W., and Hiers, assignors.)
Minneapolis-Honeywell Regulator Company. (See Bower, George D., assignor.)
Minneapolis-Honeywell Regulator Company. (See Brown, Guy M., assignor.)
Minneapolis-Honeywell Regulator Company. (See Churchill, Gilbert A., assignor.)
Minneapolis-Honeywell Regulator Company. (See Clark, Nelson O., assignor.)
Minneapolis-Honeywell Regulator Company. (See Cummings, Charles A., assignor.)
Minneapolis-Honeywell Regulator Company. (See Cunningham, Lewis L., assignor.)
Minneapolis-Honeywell Regulator Company. (See Cyr, Benjamin, assignor.)
Minneapolis-Honeywell Regulator Company. (See Denison, Frederick S., assignor.)
Minneapolis-Honeywell Regulator Company. (See Denison, F. S., and Gille, assignors.)
Minneapolis-Honeywell Regulator Company. (See Denison, F. S., and Taylor, assignors.)
Minneapolis-Honeywell Regulator Company. (See Edmondson, William H., assignor.)
Minneapolis-Honeywell Regulator Company. (See Gauger, Frank A., assignor.)
Minneapolis-Honeywell Regulator Company. (See Gibbs, Frank C., assignor.)
Minneapolis-Honeywell Regulator Company. (See Gille Willis H., assignor.)
Minneapolis-Honeywell Regulator Company. (See Gille, W. H., and Bouvier, assignors.)
Minneapolis-Honeywell Regulator Company. (See Gille, W. H., and Nickells, assignors.)
Minneapolis-Honeywell Regulator Company. (See Ginnaty, John R., assignor.)
Minneapolis-Honeywell Regulator Company. (See Grant, Arthur C., assignor.)
Minneapolis-Honeywell Regulator Company. (See Grant, A. C., and Nessell, assignors.)
Minneapolis-Honeywell Regulator Company. (See Haines, John E., assignor.)
Minneapolis-Honeywell Regulator Company. (See Haines, J. E., and Nickells, assignors.)
Minneapolis-Honeywell Regulator Company. (See Hartig, Henry E., assignor.)
Minneapolis-Honeywell Regulator Company. (See Hartig, H. E., and Spangenberg, assignors.)
Minneapolis-Honeywell Regulator Company. (See Holmes, Donald P., assignor.)
Minneapolis-Honeywell Regulator Company. (See Honeywell, Mark C., assignor.)
Minneapolis-Honeywell Regulator Company. (See Joesting, Frederick D., assignor.)
Minneapolis-Honeywell Regulator Company. (See Judson, Albert L., assignor.)
Minneapolis-Honeywell Regulator Company. (See Judson, A. L., Kronmiller, assignors.)
Minneapolis-Honeywell Regulator Company. (See Kingsland, George M., assignor.)
Minneapolis-Honeywell Regulator Company. (See Kriechbaum, John P., assignor.)
Minneapolis-Honeywell Regulator Company. (See Kronmiller, Carl G., assignor.)
Minneapolis-Honeywell Regulator Company. (See Kronmiller, C. G., and Edelman, assignors.)
Minneapolis, Honeywell Regulator Company. (See Laing, Gordon F., assignor.)
Minneapolis-Honeywell Regulator Company. (See Larson, John M., assignor.)
Minneapolis-Honeywell Regulator Company. (See Larson, J. M., and Figenbaum, assignors.)
Minneapolis-Honeywell Regulator Company. (See Locke, James S., assignor.)
Minneapolis-Honeywell-Regulator Company. (See Matthes, Fred E., assignor.)
Minneapolis-Honeywell Regulator Company. (See Martenis, William W., assignor.)
Minneapolis-Honeywell Regulator Company. (See Maynard, Meade J., assignor.)
Minneapolis-Honeywell Regulator Company. (See McGoldrick, William J., assignor.)
Minneapolis-Honeywell Regulator Company. (See McGoldrick, W. J., and Newton, assignors.)
Minneapolis-Honeywell Regulator Company. (See McGrath, William L., assignor.)
Minneapolis-Honeywell Regulator Company. (See Metcalf, Ralph H., assignor.)
Minneapolis-Honeywell Regulator Company. (See Metzger, Norman A., assignor.)
Minneapolis-Honeywell Regulator Company. (See Midyette, John T., Jr., assignor.)
Minneapolis-Honeywell Regulator Company. (See Miller, Ernest M., assignor.)
Minneapolis-Honeywell Regulator Company. (See Miller, Francis C., assignor.)
Minneapolis-Honeywell Regulator Company. (See Miller, Wayland R., assignor.)

Minneapolis-Honeywell Regulator Company. (See Nelson, Alfred H., assignor.)
Minneapolis-Honeywell Regulator Company. (See Nessell, Clarence W., assignor.)
Minneapolis-Honeywell Regulator Company. (See Newton, Alwin B., assignor.)
Minneapolis-Honeywell Regulator Company. (See Newton, A. B., and Locke, assignors.)
Minneapolis-Honeywell Regulator Company. (See Peterson, Du Wayne J., assignor.)
Minneapolis-Honeywell Regulator Company. (See Pond, Bertram P., assignor.)
Minneapolis-Honeywell Regulator Company. (See Robb Joseph E., assignor.)
Minneapolis-Honeywell Regulator Company. (See Roby, K. K., and Borge, assignors.)
Minneapolis-Honeywell Regulator Co. (See Rudolph, Chester A., assignor.)
Minneapolis-Honeywell Regulator Company. (See Schweickart, William M., assignor.)
Minneapolis-Honeywell Regulator Company. (See Scoggin, Elmer K., assignor.)
Minneapolis-Honeywell Regulator Company. (See Shipley, S. C., and Cyr, assignors.)
Minneapolis-Honeywell Regulator Company. (See Smith, Frederic H., assignor.)
Minneapolis-Honeywell Regulator Company. (See Spangenberg, Charles B., assignor.)
Minneapolis-Honeywell Regulator Company. (See Sparrow, Hubert T., assignor.)
Minneapolis-Honeywell Regulator Company. (See Steinfeld, Harold L., assignor.)
Minneapolis-Honeywell Regulator Company. (See Stuart, William W., assignor.)
Minneapolis-Honeywell Regulator Company. (See Taylor, Daniel G., assignor.)
Minneapolis-Honeywell Regulator Company. (See Taylor, D. G., and Judson, assignors.)
Minneapolis-Honeywell Regulator Company. (See Van Dusen, George C., Jr., assignor.)
Minneapolis-Honeywell Regulator Company. (See Williamson, David M., assignor.)
Minneapolis-Moline Power Implement Company. (See Albertson, V. N., and Henningsen, assignors.)
Minneapolis-Moline Power Implement Company. (See Erickson, Nels E., assignor.)
Minneapolis-Moline Power Implement Company. (See Even, N., and Korsmo, assignors.)
Minneapolis-Moline Power Implement Company. (See Frank, Willam R., assignor.)
Minneapolis-Moline Power Implement Company. (See Keith, Kenneth M., assignor.)
Minneapolis-Moline Power Implement Company. (See Knapp, William E., assignor.)
Minneapolis-Moline Power Implement Company. (See Nelson, C. E., and Rusco, assignors.)
Minneapolis-Moline Power Implement Company. (See Orelind, John R., assignor.)
Minneapolis-Moline Power Implement Company. (See Parks, Orville J., assignor.)
Minneapolis-Moline Power Implement Company. (See Ronning, Martin, assignor.)
Minneapolis-Moline Power Implement Company. (See Schober, Wayne E., assignor.)
Minneapolis-Moline Power Implement Company. (See Seaholm, John P., assignor.)
Minneapolis-Moline Power Implement Company. (See Seaholm, Paul C., assignor.)
Minneapolis-Moline Power Implement Company. (See Swenson, William E., assignor.)
Minneapolis-Moline Power Implement Company. (See Swenson, W. E., and Andersen, assignors.)
Minneci, Salvatore. (See Lennox, T. C., and Minneci.)
Minneci, Salvatore, Pittsfield, Mass., assignor to General Electric Company. Electric regulator. 2,196,871; Apr. 9.
Minneci, Salvatore, Pittsfield, Mass., assignor to General Electric Company. Time delay control system. 2,216,597; Oct. 1.
Minneci, Salvatore, Pittsfield, Mass., assignor to General Electric Company. Time delay control circuit. 2,216,598; Oct. 1.
Minneci, Salvatore, Pittsfield, Mass., assignor to General Electric Company. Regulator system. 2,216,599; Oct. 1.
Minnesota Mining & Manufacturing Company. (See Bartling, Howard G., assignor.)
Minnesota Mining & Manufacturing Company. (See Bartling, H. G., and Overshiner, assignors.)
Minnesota Mining & Manufacturing Company. (See Borden, John A., assignor.)
Minnesota Mining & Manufacturing Company. (See Cross, Bert S., assignor.)
Minnesota Mining & Manufacturing Company. (See Drew, Richard G., assignor.)
Minnesota Mining & Manufacturing Company. (See Guth, Durward O., assignor.)
Minnesota Mining & Manufacturing Company. (See Herchenrider, Henry R., assignor.)
Minnesota Mining & Manufacturing Company. (See Jewett, Clifford L., assignor.)
Minnesota Mining & Manufacturing Company. (See Kellgren, Waldo, assignor.)
Minnesota Mining & Manufacturing Company. (See Okie, Francis G., assignor.)
Minnesota Mining & Manufacturing Company. (See Randolph, Chalmers H., assignor.)
Minnesota Mining & Manufacturing Company. (See Strauch, Clauss B., assignor.)
Minnick, Charles E., Union Bridge, Md. Ladder. 2,213,471; Sept. 3.
Minor, Burt S., San Pedro, Calif., assignor to Regan Forge & Engineering Company. Hook for rotary well drilling. 2,215,049; Sept. 17.
Minor, Burt S., Whittier, Calif., assignor to Regan Forge & Engineering Company. Swivel. 2,218,473; Oct. 15.
Minor, Charles H., Roanoke, Va. Garbage can latch 2,208,908; July 23.
Minor, Claude A., Jr., assignor of one-half to P. L. Meaders, San Antonio, Tex., and one-half to L. G. Anderson, Washington, D. C. Automobile glareshield construction. 2,201,197; May 21.
Minor, Henry R., assignor to Industrial Process Corporation, Dayton, Ohio. Sponge rubber product. 2,194,364; Mar. 19.
Minor, Henry R., assignor to Industrial Process Corporation, Dayton, Ohio. Sponge rubber manufacture. 2,197,894; Apr. 23.
Minor, Henry R., assignor to Industrial Process Corp., Dayton, Ohio. Sponge rubber article and making the same. 2,199,006; Apr. 30.
Minor, Joseph H., University City, assignor of one-half to W. K. Bromley, St. Louis, Mo. Carbon remover. 2,203,835; June 11.
Minorsky, Nicolai, Brooklyn, N. Y. Antirolling stabilization of ships. 2,202,162; May 28.
Minter, Clarke C., East Orange, assignor to Breeze Corporations, Incorporated, Newark, N. J. Resistance thermometer. 2,216,375; Oct. 1.
Minton, John P., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Seismograph blasting cap. 2,189,741; Feb. 6.
Minton, John P., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Frequency multiplication system for seismic recording. 2,193,769; Mar. 12.
Minton, John P., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Electric seismograph. 2,209,100; July 23.
Minty, John E., Muskegon, Mich., assignor, by mesne assignments, to Manning, Maxwell & Moore, Inc., New York, N. Y. Drop pit apparatus. 2,196,468; Apr. 9.
Miollis, Raymond, Chicago, Ill. Making cheese. 2 193,462; Mar. 12.
Miracle Massage Appliances, Inc. (See Michaelson, John W., assignor.)
Miranda, Francisco Q., Cordoba, Argentina. Chin rest for violins or violas. 2,223,221; Nov. 26.
Mirfield, George E., Youngstown, Ohio. Thread protector. 2,225,754; Dec. 24.
Mirfield, George E., Youngstown, Ohio, assignor to Direct Current Welding Company. Welding apparatus. 2,206,747; July 2.
Mirfield, George E., assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Shipping package for hollow cylindrical articles. 2,212,668; Aug. 27.
Mirfield, George E., assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Method of and machine for forming end caps for coil packages. 2,212,669; Aug. 27.
Mirla Tool Company. (See Glitsch, H. C., and Crickmer, assignors.)
Mirocourt, Henry, Sotteville-les-Rouen, and M. G. Jirou, Rouen, assignors to Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies, Etablissements Kuhlmann, Paris, France. Azo dyestuffs. 2,192,271; Mar. 5.
Mirone, Eligio, Turin, Italy. Automatic change speed gear. 2,188,246; Jan. 23.
Mirra, James, Brooklyn, N. Y. Furnace apparatus. 2,209,533; July 30.
Misch, Kurt. (See Achtel, G., Schilling, and Misch.)
Mische, Friedrich, assignor to Voigtländer & Sohn Aktiengesellschaft, Brunswick, Germany. Range finder. 2,208,222; July 16.
Misciattelli, Paolo, Rome, Italy. Obtaining copper linings. 2,190,121; Feb. 13.
Miserentino, Charles O., assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Flameproofing sponge rubber and method of flameproofing. 2,200,850; May 14.
Mishawaka Rubber and Woolen Manufacturing Company. (See Herzog, E. W., and Futter, assignors.)
Mishcon, Lester. (See Agulnek, H., and Mishcon.)
Mishcon, Samuel. (See Agulnek, Harry, assignor.)
Mishcon, Samuel. (See Dupuis, Clyde, assignor.)
Mishelevich, Benjamin, Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,189,178; Feb. 6.
Miskulin, Jack, Wells, British Columbia, Canada. Railway crossing signal. 2,211,756; Aug. 20.
Mission Manufacturing Company. (See Sharp, Dudley C., assignor.)
Mission Manufacturing Company. (See Sharp, D. C., and Garrison, assignors.)

Mission Manufacturing Company. (See Sharp, D. C., James, and Garrison, assignors.)
Mission Manufacturing Company. (See Volpin, Alexander S., assignor.)
Mississippi Valley Barge Line Company, The. (See Elliott, Harry C., assignor.)
Misson, William H. (See Mayo, F. V., and Misson.)
Missouri Rolling Mill Corporation. (See Bauer, Carl, assignor.)
Mistele, Florence K. (See Kirchner, R. G., and Mistele.)
Mistral, Paul H., Paris, France, assignor to Bendix Aviation Corporation, South Bend, Ind. Fluid pressure producing device. 2,185,264; Jan. 2.
Misuraca, Louis J., Glendale, Calif. Cutter head. 2,192,522; Mar. 5.
Mitchel, Clyde L., El Monte, and E. L. Wetmore, Alhambra, assignors to Challenge Cream & Butter Association, Los Angeles, Calif. Churning and working butter. 2,200,513; May 14.
Mitchel, Clyde L., El Monte, and E. L. Wetmore, Alhambra, assignors to Challenge Cream & Butter Association, Los Angeles, Calif. Combined churn and butter worker. 2,200,514; May 14.
Mitchell, Allister S., assignor to National Automotive Fibres, Inc., Detroit, Mich. Bat fabricating and cushion making apparatus. 2,202,710; May 28.
Mitchell, Allister S., C. J. Davies, and H. M. Ratley, assignors to National Automotive Fibres, Inc., Detroit, Mich. Apparatus and method for manufacturing upholstery trim panels. 2,186,838; Jan. 9.
Mitchell, Archie D., et al. (See Hostetler, Elden L., assignor.)
Mitchell, Clarence T., Waltham, Mass., deceased, Eula B. Mitchell, administratrix. Maximum speed control for internal combustion engines. 2,213,447; Sept. 3.
Mitchell, Courtney N. (See Denneen, F. S., Dunn and Mitchell.)
Mitchell, Donald, et al., executors. (See Mitchell, John E.)
Mitchell, Doren, Bound Brook, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alarm system. 2,202,060; May 28.
Mitchell, Doren, Bound Brook, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control of transmission in two-way telephone systems. 2,213,991; Sept. 10.
Mitchell, Doren, Bound Brook, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephotography. 2,218,211; Oct. 15.
Mitchell, Doren, Bound Brook, and H. Nyquist, Millburn, N. J., assignors to American Telephone and Telegraph Company. Transmission system. 2,200,559; May 14.
Mitchell, Ebb V., Abilene, Tex. Extensible sun visor. 2,185,898; Jan. 2.
Mitchell, Eula B., administratrix. (See Mitchell, Clarence T.)
Mitchell, Halsey J., Schenectady, N. Y. Guard for fishhooks. 2,225,504; Dec. 17.
Mitchell, Harry R., Bremerton, assignor of one-half to D. G. Smith, Mercer Island, Wash. Device for removing dust from clothes. 2,205,599; June 25.
Mitchell, Harry W., Shaker Heights, assignor to Mitchell Metal Products, Inc., Cleveland, Ohio. Combination oil salvage and refuse container and display rack. 2,199,970; May 7.
Mitchell, Harvey, assignor to National Lock Co., Rockford, Ill. Lock washer screw and making the same. 2,192,322; Mar. 5.
Mitchell-Henry, Lorenzo, Ealing, London, England. Reel for fishing lines. 2,193,723; Mar. 12.
Mitchell, Henry W., Chicago, Ill., assignor, by mesne assignments, to Stromberg Motoscope Mfg. Co. Hydrometer. Re. 21,648; Dec. 3.
Mitchell, Herbert L. and S. G., assignors of fifty per cent to S. G. Mitchell and fifty per cent to C. T. Ingram, High Point, N. C. Box blank creasing and folding machine. 2,185,675; Jan. 2.
Mitchell, James A. (See Izard, E. F., and Mitchell.)
Mitchell, James A., Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition and preparing same. 2,186,262; Jan. 9.
Mitchell, James A., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproofing. 2,193,831; Mar. 19.
Mitchell, James A., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproofing. 2,205,428; June 25.
Mitchell, James A., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating. 2,213,252; Sept. 3.
Mitchell, James A., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproof sheet material and moisture-proofing composition. 2,216,826; Oct. 8.
Mitchell, James A., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative compositions of matter and articles produced therefrom. 2,216,827; Oct. 8.
Mitchell, James I. (See Noxon, P. A., and Mitchell.)
Mitchell, James M., Old Lyme, Conn. Dewatering apparatus. 2,196,119; Apr. 2.
Mitchell, John C. (See Spence, Le R. U., and Mitchell.)
Mitchell, John E., Dallas, Tex., deceased; J. E., Jr., O., and D. Mitchell, executors. Radiator for heating a forced draft of air. 2,191,146; Feb. 20.
Mitchell, John E., Dallas, Tex., deceased; J. E. Mitchell, Jr., O. Mitchell, and D. Mitchell, executors. Brush for use with cotton reclaiming saw cylinders. 2,194,462; Mar. 26.
Mitchell, John E., Jr., et al., executors. (See Mitchell, John E.)
Mitchell, John R., Dallas, Tex., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Automatic phonograph. 2,205,268; June 18.
Mitchell, Joseph A. M. W. (See Butterworth, E., and Mitchell.)
Mitchell, Joseph E. (See Ross, J., and Mitchell.)
Mitchell, Lewis E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Mining machine. 2,221,454; Nov. 12.
Mitchell, Malcolm E., Oakland, Calif. Automobile parking and storing unit. 2,223,962; Dec. 3.
Mitchell Metal Products, Inc. (See Mitchell, Harry W., assignor.)
Mitchell, Orville, et al., executors. (See Mitchell, John E.)
Mitchell, Orville, Dallas, Tex. Pulley assembly. 2,188,953; Feb. 6.
Mitchell, Orville, Dallas, Tex. Automatically controlled gas burner. 2,194,713; Mar. 26.
Mitchell, Ralph A. (See Stocking, W. H., and Mitchell.)
Mitchell, Robert, Co. Limited, The. (See Lipsett, Solomon G., assignor.)
Mitchell, Robert E., Seattle, Wash. Highway joint alignment device. 2,224,194; Dec. 10.
Mitchell, Robert W., Westmount, Quebec, Canada. Making composite pipes. 2,191,025; Feb. 20.
Mitchell, Robert W., Westfield, assignor to Magnus Chemical Company, Garwood, N. J. Wetting, cleaning and emulsifying agent. 2,199,806; May 7.
Mitchell, Rollie H., Huntington Park, assignor to Killefer Manufacturing Corporation, Los Angeles, Calif. Offset disk harrow. 2,201,240; May 21.
Mitchell, Rudyard K., Leuders, assignor of fifty per cent to L. F. Green, Albany, Tex. Cutting tool. 2,201,142; May 21.
Mitchell, Seldon G., et al. (See Mitchell, Herbert L. and S. G., assignors.)
Mitchell, Thomas P. (See Rhodes, William L., Jr., assignor.)
Mitchell, Walter M., Westfield, N. J. Washing apparatus. 2,212,908; Aug. 27.
Mitchell, William, Jr. (See King, R. J., and Mitchell.)
Mitchell, William, Milwaukee, Wis. Stoker. 2,187,520; Jan. 16.
Mitchell, William A. (See Kelsen, A. J., Gibson, and Mitchell.)
Mitchell, William B., Holmfield, Cross Banks, Shipley, England. Cam mechanism. 2,207,629; July 9.
Mitchell, William C., Stratford, Conn. Slug detector. 2,186,985; Jan. 16.
Mitereff, Sergei D., Petersburg, Va., assignor of one-half to E. C. Gillette, New York, N. Y. Shock absorber. 2,212,426; Aug. 20.
Mitnitzky, Mark, New York, N. Y., assignor to E. G. Dentag, Westmount, Quebec, Canada. Writing pad. 2,198,347; Apr. 23.
Mitscherling, Waldemar O., assignor to The Neon Research Corporation, Bridgeport, Conn. Resolution of hydrocarbon emulsions. 2,188,269; Jan. 23.
Mittag, Albert H., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system. 2,193,932; Mar. 19.
Mittag, Albert H., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system. 2,193,933; Mar. 19.
Mittag, Albert H., Schenectady, N. Y., assignor to General Electric Company. Electric valve motor control system. 2,214,563; Sept. 10.
Mittag, Winfred G., Ridgewood, N. J. Inking pad. 2,189,551; Feb. 6.
Mitteldeutsche, Stahlwerke A.-G. (See Meyer, Gustav, assignor.)
Mitterer, Adolph V., Denver, Colo. Preventing vapor lock in internal combustion engines. 2,191,490; Feb. 27.
Mittleburg, Samuel S., New York, and C. Lobel, Brooklyn, N. Y. Scooter board. 2,222,678; Nov. 26.
Mitton, Harold W., Drummond, Mont. Igniting device. 2,224,406; Dec. 10.
Mitzel, Ruby E., Nevada City, Calif. Ore mill. 2,215,761; Sept. 24.
Mix & Genest Aktiengesellschaft. (See Kirch, Josef, assignor.)
Mix & Genest Aktiengesellschaft. (See Klenk, W., and Behm, assignors.)
Mixer, Harold P., Frankfort, assignor to Remington Rand Inc., Buffalo, N. Y. Calculating machine. 2,214,029; Sept. 10.
Miyazaki, Tatsuo. (See Yasuda, T., and Miyazaki.)
Mize, Loyd, Palestine, Tex. Cement retainer. 2,222,233; Nov. 19.
Mizer, Eugene R. (See Reed, E., and Mizer.)
Mizer, Joseph J., Racine, Wis., assignor to Walker Manufacturing Company of Wisconsin. Lifting mechanism. Re. 21,560; Sept. 10.
Mizera, Frank E., assignor of one-half to M. Kubitza, Waco, Tex. Nut sheller. 2,201,911; May 21.

Mizugoshi, Hikoichiro, Tokyo, Japan. Producing a net of square meshes. 2,194,865; Mar. 26.
Mizzy, Dan D., and D. L. Durst, Sacramento, Calif. Inlay heater and ring. 2,188,915; Feb. 6.
Mizzy, Dan D., and D. L. Durst, Sacramento, Calif. Investment ring heater. 2,221,302; Nov. 12.
Mjolsness, Haakon, Minneapolis, assignor to Haaky Manufacturing Company, St. Paul, Minn. Grain separator and aspirator. 2,211,575; Aug. 13.
Mnookin, Nathan M., Kansas City, Mo., assignor to Speas Development Co. Glycerin recovery process. 2,194,665; Mar. 26.
Mnookin, Nathan M., Kansas City, Mo., assignor to Speas Company. Jelly and jelly manufacture. 2,207,299; July 9.
Mobarry, Robert G., Bellflower, assignor of one-third to J. Drew and J. M. O'Connell, Los Angeles, Calif. Light projecting apparatus. 2,195,184; Mar. 26.
Mobarry, Robert G., Bellflower, and J. B. Dabney, Los Angeles, Calif. Projecting apparatus. 2,202,061; May 28.
Mobeck, Roy B., Chicago, Ill. Exerciser. 2,198,058; Apr. 26.
Moberg, Ivar O., Lowell, assignor to Nashua Manufacturing Company, Boston, Mass. Electrically heated blanket. 2,203,918; June 11.
Möbus, Karl, Berlin, Germany. Filing cabinet for drawings, plans, and the like. 2,205,903; June 25.
Mocerine, Anthony C. (See Duers, B. A., and Mocerine.)
Mochel, Norman L., Ridley Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Valve stem packing. 2,188,664; Jan. 30.
Mochizuki, Tokusaburo, San Francisco, Calif. Smoking pipe. 2,216,087; Sept. 24.
Mock, Frank C., South Bend, Ind. Carburetor. 2,223,381; Dec. 3.
Mock, Frank C., assignor to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,185,265; Jan. 2.
Mock, Frank C., and E. O. Wirth, assignors to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,212,946; Aug. 27.
Mock, James C., Detroit, Mich. Convertible car wheel. 2,202,296; May 28.
Mock, James C., Detroit, Mich. Swivel connection for railway switches and the like. 2,213,500; Sept. 3.
Mock, Stanley H., Honolulu, Hawaii. Coconut grater. 2,190,105; Feb. 13.
Mockbee, Charles E. (See Waller, John A., assignor.)
Mockbee, Charles E. (See Waller, J. A., and Mockbee.)
Model Brassiere Corporation. (See Schoebel, Henry, assignor.)
Modern Equipment Corporation. (See McCarthy, Joseph P., assignor.)
Modern Equipment Limited. (See Duffield, William A., assignor.)
Modern Office Devices, Inc. (See Bunnell, Albert E., assignor.)
Modern Products Company. (See Krauser, S. A., assignor, and Miessler.)
Modersohn, August. (See Weinand, K. and Modersohn.)
Modigliani, Piero. (See Ceretti, A., and Modigliani.)
Modigliani, Piero, Rome, Italy, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Method and apparatus for the production of fibers from molten glass and similar meltable materials. 2,212,448; Aug. 20.
Modine Manufacturing Company. (See Boerger, Martin G., assignor.)
Modine Manufacturing Company. (See Munch, H. S., and Boerger, assignors.)
Modine Manufacturing Company. (See Perkins, Charles T., assignor.)
Modine Manufacturing Company. (See Spieth, Benjamin, assignor.)
Modlinger, Richard, Berlin, Germany, assignor to General Electric Company. Electric valve system. 2,195,116; Mar. 26.
Modray, Anton, Webster Groves, Mo. Protective edge molding and support. 2,195,318; Mar. 26.
Moe-Bridges Corporation. (See Sutherland, Alexander K., assignor.)
Moe, Clifford H., Arlington, assignor of one-fourth to R. E. Allen, Riverside, Calif. Garment. 2,226,066; Dec. 24.
Moe, Irving G., Kenosha, Wis. X-ray apparatus. 2,220,725; Nov. 5.
Moe, Mathias, assignor of one-half to C. D. Ballard, Chicago, Ill. Garment hanger. 2,186,076; Jan. 9.
Moe, William W., Bridgeport, Conn., assignor to General Electric Company. Electric valve circuit. 2,189,569; Feb. 6.
Moehler, Otto J., Bloomfield, N. J., assignor, by mesne assignments, to General Electric Company. Mounting means for light sources. 2,211,605; Aug. 13.
Moehrke, Hans. (See Wolff, P., and Moehrke.)
Moehrke, Hans. (See Wolff, P. H., Moehrke, and Schäfer.)
Moeller, George J., Maplewood, assignor to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Expansion and tensioning device for aluminum alloy pistons. 2,192,323; Mar. 5.
Moeller, George J., assignor to Dazey Churn and Manufacturing Company, St. Louis, Mo. Nutcracking machine. 2,200,515; May 14.
Moeller, George J., assignor to Dazey Churn & Manufacturing Company, St. Louis, Mo. Ice crusher. 2,208,040; July 16.
Moeller, Harry A. (See Stertzbach, H. W., and Moeller.)
Moeller, Otto, Brooklyn, N. Y., assignor to The Standard Stoker Company, Incorporated. Stoker. 2,216,043; Sept. 24.
Moeller, William J., Mount Healthy, Ohio, assignor to The Philip Carey Manufacturing Company. Felted fabric sheet. 2,203,173; June 4.
Moeller, William J., Mount Healthy, H. W. Greider, Wyoming, and M. F. Smith, Cincinnati, Ohio, assignors to The Philip Carey Manufacturing Company. Reconstituted mineral surfaced felt and manufacture of same. 2,196,469; Apr. 9.
Moen, Clarence, Spokane, Wash. Ladder. 2,186,119; Jan. 9.
Moertel, Henry, Chicago, Ill. Musical instrument. 2,186,424; Jan. 9.
Moesly, William, Fort Lauderdale, Fla. Joist and structural connections thereto. 2,211,667; Aug. 13.
Moffett, Eugene W. (See Gebauer-Fuelnegg, E., and Moffett.)
Moffett, Eugene W. (See Winkelmann, H. A., and Moffett.)
Moffett, Guy A., Scotia, N. Y., assignor to General Electric Company. Remote control system. 2,201,868; May 21.
Mohar, Ludwig, Long Beach, Calif. Curb indicator for motor vehicles. 2,201,496; May 21.
Mohl, Harold H., Davenport, assignor to Micro-Westco, Inc., Bettendorf, Iowa. Wrapping material measuring device. 2,227,398; Dec. 31.
Mohler, David D., Syracuse, N. Y. Power transmission. 2,190,122; Feb. 13.
Mohler, Francis. (See Thompson, L. W., and Mohler.)
Mohler, Lawrence E., Wayne, Mich. Vehicle direction signal mercury switch. 2,197,702; Apr. 16.
Mohler, Valentin J., River Forest, assignor to Central Commercial Company, Chicago, Ill. Musical instrument. 2,187,910; Jan. 23.
Mohler, Valentin J., River Forest, assignor to Central Commercial Company, Chicago, Ill. Pedal board. 2,187,911; Jan. 23.
Mohler, Valentine J., River Forest, assignor to Central Commercial Company, Chicago, Ill. Electric switch. 2,222,085; Nov. 19.
Mohr, Albert, Jr., Chicago, F. Wille, Evanston, and J. P. Grilli, Chicago, Ill. Checkerwork construction for regenerators. 2,185,559; Jan. 2.
Mohr, Albert C., Berkeley, Calif., assignor to San Francisco Sulphur Company. Production of acid free flowers of sulphur. 2,222,679; Nov. 26.
Mohr, Charles B., Syracuse, N. Y. Time switch. 2,199,184; Apr. 30.
Mohr, Elizabeth F. K. (See Mohr, Otto H., assignor.)
Mohr, Georg. (See Franck, S., and Mohr.)
Mohr, Harold L., Hollywood, and A. W. Tondreau, Glendale, assignors to Warner Brothers Pictures, Inc., Burbank, Calif. Photography. 2,195,750; Apr. 2.
Mohr, John, and E. Lagelbauer, New York, N. Y. Treating waste materials. 2,198,785; Apr. 30.
Mohr, Otto H., assignor to himself and E. F. K. Mohr, Concord, Calif., joint tenancy with right of survivorship. Solar actuated cooler. 2,202,019; May 28.
Mohr, Robert B., et al. (See Edgecomb, C. R., and Patterson, assignors.)
Mohr, Roger W., Burlington, Wis. Control device for radio receiving. 2,204,186; June 11.
Mohr, Walter W., Calumet City, assignor to The Edward Valve & Manufacturing Co. Inc., East Chicago, Ill. Valve construction. 2,224,231; Dec. 10.
Mohun, John L. (See Larson, C. H., Mohun, and Verhagen.)
Mohun, John L., Chicago, R. C. Brown, Jr., Evanston, and F. W. Test, Hinsdale, Ill.; said Brown and said Test assignors to said Mohun. Ride stabilizer. 2,190,728; Feb. 20.
Mohun, William W., Detroit, Mich., assignor to Automatic Shifters, Inc., Richmond, Va. Control handle device. 2,218,134; Oct. 15.
Moilliet, John L., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of pigmented oil compositions. 2,219,395; Oct. 29.
Moineau, René J. L., Paris, France, assignor to Société d'Exploitation des Brevets Moineau, Luxenburg, Grand Duchy of Luxenburg. Gear mechanism. Re. 21,374; Feb. 27.
Moir, Harry L. (See Anderson, P. T., and Moir.)
Moir, Harry L. (See Whittier, W. A., Williams, and Moir.)
Moir, Harry L., Chicago, Ill. Static eliminating method and apparatus. 2,195,185; Mar. 26.
Moir, William B., Pittsburgh, and J. W. Galinis, East McKeesport, Pa. Drop end gate latch. 2,220,263; Nov. 5.
Moise, Bolton C., Pittsburgh, and H. E. Passmore, Jr., Mount Lebanon, Pa., assignors to National Tube Company. Apparatus for welding. 2,227,194; Dec. 31.
Moisseeff-Muspratt, Paul, Forty Fort, Pa. Mine tunnel timbering structure. 2,192,554; Mar. 5.
Moistener Corporation. (See Kott, Herbert, assignor.)
Mojonnier Bros. Co. (See Mojonnier, Harry G., assignor.)
Mojonnier Bros. Co. (See Newhall, Benjamin G., assignor.)

Mojonnier, Harry G., Oak Park, Ill., assignor to Mojonnier Bros. Co. Apparatus for treating fluids. 2,212,275; Aug. 20.
Molby, Richard V., et al. (See Russell, R. L., and Molby.)
Moldawsky, J., London, assignor to L. G. T. Sedgwick, Westminster, England. Meat tendering apparatus. 2,217,763; Oct. 15.
Mole, Peter, E. C. Richardson, and F. C. Coates, assignors to Mole-Richardson Co., Los Angeles, Calif. Arc lamp and control mechanism therefor. 2,216,352; Oct. 1.
Mole-Richardson Co. (See Mole, P., Richardson, and Coates.)
Molinari, Vittorio, Milan, Italy, assignor to Bakelite Corporation, New York, N. Y. Recovery of tar acids or phenols from tars or tar oils. 2,206,198; July 2.
Moline Tool Company. (See Eipper, Daniel C., assignor.)
Moline Tool Company. (See Hunt, Wilson P., assignor.)
Moline Machine Company. (See Chalmers, J. W., and Kidd, assignors.)
Moline Machine Company Limited. (See Ruau, Félix F., assignor.)
Molins, Desmond W., Deptford, assignor to Molins Machine Company Limited, Deptford, London, England. Cigarette making machine. 2,214,430; Sept. 10.
Molins Machine Company, The. (See Chalmers, J. W., and Kido, assignors.)
Molins Machine Company. (See Molins, Desmond W., assignor.)
Molins Machine Company. (See Parry, Frank, assignor.)
Molins Machine Company. (See Powell, Gordon F. W., assignor.)
Molins Machine Company. (See Ruau, Felix F., assignor.)
Molins Machine Company Limited. (See Chalmers, John W., assignor.)
Molins Machine Company Limited. (See Ruau, Félix F., assignor.)
Molitor, Arvid A., Danvers, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Fastening inserting machine. 2,186,172; Jan. 9.
Moll, F. W., Söhne, Maschinenfabrik. (See Wiebecke, W., Moll, and Hardieck, assignors.)
Moll, Friedrich. (See Hartmann, E., and Moll.)
Moll, Friedrich W. (See Wiebecke, W., Moll, and Hardieck.)
Moll, Harold W. (See Smith, F. B., and Moll.)
Mollart, Lobegott, assignor to G. B. Lewis Company, Watertown, Wis. Golf ball washer. 2,198,441; Apr. 23.
Mollberg, Byron, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor float support. 2,202,993; June 4.
Moller, Conrad G., 3rd. (See Orshansky, E., Jr., and Moller.)
Möller, Fredrik A., assignor to Naamlooze Vennootschap: W. A. Scholten's Chemische Fabrieken, Groningen, Netherlands. Dissolving solid substances in liquids. 2,224,355; Dec. 10.
Möller, Georg, Berlin-Neukoelln, assignor to H. Lindner, Berlin-Wittenau, Germany. Centering means for drilling machine spindles. 2,202,222; May 28.
Möller, Georg, Berlin-Neukoelln, assignor to Herbert Lindner, Berlin-Wittenau, Germany. Centering means for drilling machine spindles. 2,204,811; June 18.
Moller, John H., Charleston, W. Va., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sheet glass cutting apparatus. 2,197,560; Apr. 16.
Möller, Ragnar O. J., Finspong, Sweden. Radial flow elastic fluid turbine. 2,218,957; Oct. 22.
Möller, Rolf, assignor to the firm of Fernseh Aktien-Gesellschaft Zehlendorf, near Berlin, Germany. Synchronizing method. 2,204,427; June 11.
Möller, Rolf, Berlin-Zehlendorf, and F. Below, Klein Machnow Post Berlin-Zehlendorf, assignors to the firm of Fernseh Aktien-Gesellschaft Zehlendorf, near Berlin, Germany. Electron multiplier. 2,204,428; June 11.
Möller, Rolf, and H. Bähring, Klein Machnow, near Berlin, assignors to Fernseh Aktiengesellschaft, Berlin-Zehlendorf, Germany. Saw-tooth wave generator. 2,218,764; Oct. 22.
Molloy, Eddie, Buffalo, N. Y., assignor to Curtiss-Wright Corporation. Wing flap operating and overload safety device. 2,195,035; Mar. 26.
Molloy, Edward P., et al. (See Bartlett, L. G., and Holthouse, assignors.)
Moloney, Raymond T. (See Breitenstein, Charles T., assignor.)
Moloney, Raymond T. (See Breitenstein, C. J., and Nicolaus, assignors.)
Moloney, Raymond T. (See Chouinard, Alfred F., assignor.)
Moloney, Raymond T. (See Durant, Lyndon A., assignor.)
Moloney, Raymond T. (See Hooker, Donald E., assignor.)
Moloney, Raymond T. (See Nelson, Nels A., assignor.)
Moloney, Raymond T. (See Nicholson, Ralph A., assignor.)
Moloney, Raymond T. (See Nicolaus, Frank G., assignor.)
Moloney, Raymond T. (See Williams, H. E., and Durant, assignors.)
Moloney, Raymond T. (See Zeh, Kenneth C., assignor.)
Moloney, Raymond T., and F. G. Nicolaus, Chicago, Ill.; said Nicolaus assignor to said Moloney. Ball rolling game. 2,201,446; May 21.
Molzer, John J., Crete, Nebr. Conical self-tightening bearing. 2,194,908; Mar. 26.
Mommer, Karl. (See Mommer, Paul and K.)
Mommer, Paul and K., Wuppertal-Elberfeld, Germany. Device for opening and closing vehicle and like windows. 2,219,527; Oct. 29.
Momsen, Walter, assignor of forty-nine percent to J. E. Yoch, Belleville, Ill. Solder and manufacture. 2,224,356; Dec. 10.
Monad Corporation. (See Locke, Albert R., assignor.)
Monad Corporation. (See Shafer, Julius E., assignor.)
Monahan, William C., London, England. Button or analogous fastening device. 2,213,715; Sept. 3.
Monarch Governor Company. (See Anderson, James W., Jr., assignor.)
Monarch Governor Company. (See Jennings, Jarvis S., Jr., assignor.)
Monarch Governor Company. (See Sarnes, Lowell F., assignor.)
Monarch Machine Tool Company, The. (See Bickel, C. A., and Wills, assignors.)
Monarch Neon Sign Co. (See Foerste, William, assignor.)
Monarch Tool & Mfg. Company. (See Hall, Mitchell A., assignor.)
Monasch, Emmy, Hollywood, Calif. Folding chair. 2,199,185; Apr. 30.
Monckmeier, Gustav C., Davenport, Iowa. Variable drive sprocket wheel for bicycles. 2,195,280; Mar. 26.
Moncrief, James B., Copperhill, Tenn. Air-conditioning system and apparatus. 2,187,982; Jan. 23.
Moncrieff, Ernest W., et al, trustees. (See Frame, Alfred P., assignor.)
Moncrieff, Robert W. (See Ellis, G. H., and Moncrieff.)
Moncrieff, Robert W., Spondon, near Derby, England, assignor to Celanese Corporation of America. Treatment of materials of natural or artificial origin. 2,189,918; Feb. 13.
Moncrieff, Robert W., and T. Eccles, Spondon, near Derby, England, assignors to Celanese Corporation of America. Yarn winding apparatus. 2,190,797; Feb. 20.
Moncrieff, Robert W., and A. W. M. Cooke, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of textile materials. 2,196,270; Apr. 9.
Mondloch, Benedict J. (See Cuddigan, B. O., and Mondloch.)
Moneta, Alphonse, Geraldton, Ontario, Canada. Firearm cartridge magazine. 2,185,676; Jan. 2.
Money, Roland H., Mount Healthy, assignor to The Crosley Corporation, Cincinnati, Ohio. Ice-cream tray. 2,191,578; Feb. 27.
Money, Roland H., Mount Healthy, assignor to The Crosley Corporation, Cincinnati, Ohio. Evaporator. 2,217,257; Oct. 8.
Money, Roland H., assignor to The Crosley Corporation, Cincinnati, Ohio. Refrigeration system. 2,198,258; Apr. 23.
Money, Roland H., assignor to The Crosley Corporation, Cincinnati, Ohio. Evaporator control means. 2,200,801; May 14.
Money, Roland H., assignor to The Crosley Corporation, Cincinnati, Ohio. Refrigerator shelf. 2,215,931; Sept. 24.
Money, Roland H., and H. Jones, assignors to The Crosley Corporation, Cincinnati, Ohio. Ice cube tray grid. 2,189,959; Feb. 13.
Mongan, Leon P., near Indianapolis, Ind. Electric prodder. 2,208,852; July 23.
Monger, Arthur L., Guildford Park, Guildford, and W. A. Cuthbert, Compton, Guildford, assignors to Monger Clinometer Limited, London, England. Level and clinometer. 2,206,420; July 2.
Monger Clinometer Limited. (See Monger, A. L., and Cuthbert, assignors.)
Moniti, John, New Haven, Conn. Flow director. 2,219,452; Oct. 29.
Monitor Process Corporation. (See Tamminga, William, assignor.)
Monjar, Percival C., Blassdell, N. Y. Polishing wheel. 2,207,439; July 9.
Monk, Newton. (See Green, E. L., and Monk.)
Monk, Newton, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Compensation for variations in phase change. 2,225,653; Dec. 24.
Monk, Reginald H., and A. S. Ross, Montreal, Quebec, Canada, assignors to American Zinc, Lead & Smelting Company, St. Louis, Mo. Composite pigments and making the same. 2,213,168; Aug. 27.
Monleone, Carlo, Lugano, Switzerland. Rotary valve operated internal combustion engine. 2,222,059; Nov. 19.
Monmouth Products Company. (See Wood, Clarence G., assignor.)
Monney, Louis, Lausanne, assignor to the firm Recomatic S. A., Geneva, Switzerland. Draft regulator for combustion apparatus. 2,223,918; Dec. 3.
Monnia, Eugene F., and J. W. Mills, Scranton, Pa. High speed synchronized winder. 2,197,666; Apr. 16.
Monnia, Eugene F., and A. Marcus, assignors of thirty three and one-third per cent to K. F. Mills, Scranton, Pa. Spindle bracket. 2,200,700; May 14.
Monnier, André H. G., Paris, France. Precious stones and jewelry. 2,207,869; July 16.
Monninger, Louis, et al. (See Keck, Paul H., assignor.)

Monolith Portland Cement Company. (See West, C. T., and Treshow, assignors.)
Mono Phase, Inc. (See Schurch, Jacob H., assignor.)
Monopower Corporation. (See Tyler, Tracy B., assignor.)
Monowatt Electric Company. (See Benander, George B., assignor.)
Monro, Randolph, Edgewood Arsenal, A. V. Motsinger, Aberdeen, H. A. Scruton, Baltimore, and G. A. Little, Edgewood Arsenal, Md. Gas mask facepiece. 2,201,198; May 21.
Monroe Auto Equipment Company. (See McIntyre, Brouwer D., assignor.)
Monroe, Benjamin C., Tuscola, Ill. Railroad crossing. 2,219,328; Oct. 29.
Monroe Calculating Machine Company. (See Britten, Edwin F., Jr., assignor.)
Monroe Calculating Machine Company. (See Crosman, Loring P., assignor.)
Monroe Calculating Machine Company. (See Fleming, Howard M., assignor.)
Monroe Calculating Machine Company. (See Hilder, Stuart, assignor.)
Monroe Calculating Machine Company. (See Wicks, Stanley, assignor.)
Monroe, Charles Z. (See Bennett, R. D., and Monroe.)
Monroe, Charles Z., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Mechanism for sealing containers. 2,212,449; Aug. 20.
Monroe, Daniel B., Denver, Colo. Drill guide for rotary rigs. 2,197,019; Apr. 16.
Monroe, Daniel B., Denver, Colo. Inclinometer. 2,205,729; June 25.
Monroe, Forest W. (See Dormont, George I., assignor.)
Monroe, George S., and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,197,872; Apr. 23.
Monroe, Kenneth C., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Duplex interlocked hydraulic broaching machine. 2,198,881; Apr. 30.
Monroe, Kenneth C., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Machine for broaching external splines. 2,198,882; Apr. 30.
Monroe, Kenneth C., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Chip removal mechanism. 2,216,693; Oct. 1.
Monroe, Mattie, Los Gatos, Calif. Fireplace construction. 2,186,649; Jan. 9.
Monroe, Thomas E., Rye, N. Y. Hand sewing machine. 2,206,484; July 2.
Monsanto Chemical Company. (See Ault, W. C., and Hochwalt, assignors.)
Monsanto Chemical Company. (See Bartram, Thomas W., assignor.)
Monsanto Chemical Company. (See Beaver, David J., assignor.)
Monsanto Chemical Company. (See Carswell, Thomas S., assignor.)
Monsanto Chemical Company. (See Conover, Courtney, assignor.)
Monsanto Chemical Company. (See Durgin, Charles B., assignor.)
Monsanto Chemical Company. (See Dyer, Colver P., assignor.)
Monsanto Chemical Company. (See Evans, Sylvester M., assignor.)
Monsanto Chemical Company. (See Fox, K. R., and Hatfield, assignors.)
Monsanto Chemical Company. (See Gardner, H. A., and Kirkpatrick, assignors.)
Monsanto Chemical Company. (See Garman, Marion W., assignor.)
Monsanto Chemical Company. (See Harman, Marion W., assignor.)
Monsanto Chemical Company. (See Hay, Harold R., assignor.)
Monsanto Chemical Company. (See Hochwalt, Carroll A., assignor.)
Monsanto Chemical Company. (See Hockenyos, George L., assignor.)
Monsanto Chemical Company. (See Hood, Ralph S., assignor.)
Monsanto Chemical Company. (See Ingram, Joseph R., assignor.)
Monsanto Chemical Company. (See Jelen, Frederick C., assignor.)
Monsanto Chemical Company. (See Kerschbaum, F. P., and Dybdal, assignors.)
Monsanto Chemical Company. (See Kistler, Samuel S., assignor.)
Monsanto Chemical Company. (See Kyrides, Lucas P., assignor.)
Monsanto Chemical Company. (See Livingston, John W., assignor.)
Monsanto Chemical Company. (See Martin, George D., assignor.)
Monsanto Chemical Company. (See McCullough, Campbell R., assignor.)
Monsanto Chemical Company. (See Morrill, Henry L. assignor.)
Monsanto Chemical Company. (See Moss, Henry V., assignor.)
Monsanto Chemical Company. (See Ogden, Franklin F., assignor.)
Monsanto Chemical Company. (See Parkhurst, Frederic A., assignor.)
Monsanto Chemical Company. (See Riddle, H. S., and Knight, assignors.)
Monsanto Chemical Company. (See Sibley, Robert L., assignor.)
Monsanto Chemical Company. (See Wilson, Ivan V., assignor.)
Monsanto Chemical Company. (See Wilson, William S., assignor.)
Monsanto Chemical Company. (See Wilson, W. S., and Sargent, assignors.)
Monsanto Chemicals Limited. (See Mather, E., and Hamer, assignors.)
Monsaroff, Boris, and W. S. Burrill, assignors to Cosmos Imperial Mills Limited, Hamilton, Ontario, Canada. Cotton yarn for drier felts and the like and making the same. 2,192,865; Mar. 5.
Monson, Frederic H., Minneapolis, Minn. Heat exchange device. 2,200,397; May 14.
Monson, Frederic H., Minneapolis, Minn, assignor of one-half to J. A. Elliott, Akron, Ohio. Steam heating system for motor vehicles. 2,195,970; Apr. 2.
Monson, Walter T. (See Muller, F. R., and Monson.)
Montague, Carroll H., Richmond, Va. Antiglare device for headlights. 2,204,429; June 11.
Montague, Carroll H., Richmond, Va. Antiglare device for headlights. 2,204,430; June 11.
Montague, Charles E., Syracuse, N. Y. Support for boots or the like. 2,189,366; Feb. 6.
Montalbano, Martin. (See Gialloreto, Theodore and F., and Montalbano.)
Montaldo, Lillian. (See Phillips, Thomas D., assignor.)
Montalvo-Guenard, José L., Ponce, P. R. Surgical instrument. 2,224,575; Dec. 10.
Montalvo-Guenard, José L., Ponce, P. R. Eyeglasses. 2,226,941; Dec. 31.
"Montecatini" Società Generale per l'Industria Mineraria e Chimica. (See Beretta, Alessandro, assignor.)
Montegrande, Santiago N., Delano, Calif. Musical instrument. 2,210,374; Aug. 6.
Monteith, Charles N., and E. G. Emery, Jr., assignors, by mesne assignments, to The Pacific National Bank of Seattle, Seattle, Wash. Retractable bomb rack. 2,193,139; Mar. 12.
Montelione, Joseph M., assignor, by mesne assignments, to National Seal Corporation, Brooklyn, N. Y. Making container caps. 2,209,416; July 30.
Montelius, Carl O. J., assignor to Aktiebolaget Imo-Industri, Stockholm Sweden. Power transmission to or from a fluid. 2,198,786; Apr. 30.
Montelius, Carl O. J., assignor to Aktiebolaget Imo-Industri, Stockholm, Sweden. Valve. 2,225,880; Dec. 24.
Montero, Bruno, Los Angeles, assignor to Investo Company, Baldwin Park, Calif. Fluid treating composition and making same. 2,213,530; Sept. 3.
Montesi, Fred. (See Garner, L. O., and Montesi.)
Montgomerie, John A., Cambuslang, and P. K. Archibald, Rutherglen, Scotland, assignors to American Bitumuls Company, San Francisco, Calif. Production of bituminous emulsions. 2,190,604; Feb. 13.
Montgomery, Alonzo B., assignor to The Cold Metal Process Company, Youngstown, Ohio. Method of rolling. 2,214,107; Sept. 10.
Montgomery, Alonzo B., assignor to Cold Metal Process Company, Youngstown, Ohio. Coiling reel. 2,219,150; Oct. 22.
Montgomery, Andrew P., Narberth, assignor, by mesne assignments, to Philco Radio and Television Corporation, Philadelphia, Pa. Signal amplitude limiting circuits. 2,224,794; Dec. 10.
Montgomery Brothers. (See Conant, Alan B., assignor.)
Montgomery, Bryan O., Kansas City, Mo. Wedding cake cover. 2,203,540; June 4.
Montgomery, Donald H., West Hartford, assignor to The New Britain Machine Company, New Britain, Conn. Chuck slot seal. 2,211,344; Aug. 13.
Montgomery, Donald H., West Hartford, and A. H. Jobert, assignors to The New Britain Machine Company, New Britain, Conn. Machine tool. 2,192,198; Mar. 5.
Montgomery Elevator Company. (See Beck, Walter, assignor.)
Montgomery, Gideon C. (See Montgomery, Rose P. and G. C.)
Montgomery, H. A., Company, The. (See Nill, Edward A., assignor.)
Montgomery, Horace M. (See Raymond, S. S., and Montgomery.)
Montgomery, James M., assignor to The Permutit Company, New York, N. Y. Volumetric feeder. 2,204,097; June 11.
Montgomery, James V. (See Henry, R. W., and Montgomery.)
Montgomery, John R., assignor to Truscon Steel Company, Youngstown, Ohio. Window construction. 2,208,802; July 23.
Montgomery, John R., Youngstown, W. F. Schulz, and D. K. Macleod, Shaker Heights, assignors to Truscon Steel Company, Youngstown, Ohio. Metal window. 2,189,960; Feb. 13.

Montgomery, Julian E., Shaker Heights, J. F. Spellacy, Fairview Village, and T. L. Burrell, Cleveland, Ohio. Loading spacer for sheet steel and concentrated loads. 2,196,470; Apr. 9.
Montgomery, Lonnie C., Whittier, Calif. Air circulating mechanical refrigerator. 2,225,706; Dec. 24.
Montgomery Manufacturing Company. (See Steadman, Edwin E., assignor.)
Montgomery, Marjorie, Inc. (See Lutz, Marjorie M., assignor.)
Montgomery, Rose P. and G. C., Philadelphia, Pa. Ruffle plaiter. 2,217,376; Oct. 8.
Montgomery, Walter H., Washington, D. C. Torque indicating wrench. 2,196,223; Jan. 9.
Montgomery Ward & Co. (See Avenson, Lorenzo M., assignor.)
Montgomery Ward & Co. (See Barber, Howard B., assignor.)
Montgomery Ward & Co. (See Kellogg, Baucus C., assignor.)
Montgomery Ward & Co. (See Knapp, L. G., and Parke, assignors.)
Montgomery Ward & Co. (See Wood, Fred C., assignor.)
Montgomery, Wayman, Sugar Valley, Ga., assignor of one-half to J. M. Muse. Candlewick tufting machine. 2,213,589; Sept. 3.
Montgomery, William J. (See Jones, C. A., and Montgomery.)
Montgomery, William J., and D. B. Bradner, assignors to The Champion Paper and Fibre Company, Hamilton, Ohio. Coated paper and making the same. 2,214,564; Sept. 10.
Montgomery, William J., and D. B. Bradner, assignors to The Champion Paper and Fibre Company, Hamilton, Ohio. Coated paper and making the same. 2,214,565; Sept. 10.
Montgomery, William J., and D. B. Bradner, assignors to The Champion Paper and Fibre Company, Hamilton, Ohio. Coated paper and making the same. 2,214,566; Sept. 10.
Monti, H. A. (See Wixon, Howard H., assignor.)
Monti-Guarnieri, Gaetano, assignor to Fabbrica Italiana Magneti Marelli Soc. An., Milan, Italy. Loop antenna. 2,222,752; Nov. 26.
Montreal Shoe Machinery Co. (See Perri, Angelo, assignor.)
Montrose-Oster, Louis E. W., Carlsbad, Czechoslovakia, assignor of one-half to Pollopas Patents, Ltd., London, England. Conjugate suspension for trucks. 2,225,075; Dec. 17.
Monzroll, Jeffroy, Montreal, Quebec, Canada. Toothpick dispensing device. 2,200,398; May 14.
Mooar, David L., assignor to The Maytag Company, Newton, Iowa. Bumper for ironer table and base. 2,196,933; Apr. 9.
Moodey, Leslie T., and C. R. Staines, Chelmsford, England, assignors to Radio Corporation of America. Modulated carrier wave transmitter. 2,224,690; Dec. 10.
Moody, Dwight, and R. E. Moody, Arkansas City, Kans. Metering plug. 2,203,284; June 4.
Moody, Ralph E. (See Moody, Dwight, and R. E.)
Moody, Robert B., and E. M. Bridges, Dallas, Tex. Telephone memorandum pad. 2,195,677; Apr. 2.
Moody, William S., Jr., and G. C. Lemoi, Cranston, R. I., assignors to Phonograph Needle Mfg. Company, Inc. Pile cutter. 2,196,471; Apr. 9.
Mook, Leonard C., Jr., Lancaster, Pa. Keyless door lock. 2,223,495; Dec. 3.
Moomaw, Lewis H., Wilmette, Ill. Camera. 2,222,041; Nov. 19.
Moon, Alexandra, El Monte, assignor to M. Crosse, Los Angeles, Calif. Closure device for vacuum tanks. 2,219,137; Oct. 22.
Moon, Herbert J. (See Davis, G. C., and Moon.)
Moon, Herbert J., assignor to National Enameling and Stamping Company, Milwaukee, Wis. Combined broiler and griddle. 2,188,757; Jan. 30.
Moon, John M., Middletown, Ohio, assignor to Signode Steel Strapping Company, Chicago, Ill. Transportation of cylindrical objects. 2,218,316; Oct. 15.
Moon, Richard, Eddy, Tex. Dusting machine. 2,212,032; Aug. 20.
Mooney, Blaise B. (See Swinburne, J., and Mooney.)
Mooney, Frank E. (See Asimow, M., and Mooney.)
Mooney, Frank F., Philadelphia, Pa., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Tool and making the same. 2,218,069; Oct. 15.
Mooney, Harry V., Los Angeles, Calif., assignor, by mesne assignments, to Thermador Electrical Manufacturing Co. Heater and air circulator. 2,221,647; Nov. 12.
Mooney, John, Ionia, Mich. Combination well driving and boring tool. 2,214,970; Sept. 17.
Mooneyham, Floyd H. (See Rowe, Sidney M., assignor.)
Moore, Arthur W., Holliston, Mass. Cutter box for waxed paper. 2,226,477; Dec. 24.
Moore, Buel W., Venice, Calif. Clothes drier. 2,205,904; June 25.
Moore, Cecil E., Wilmette, assignor to Wells Lamond Smith Corp., Chicago, Ill. Combination leather and fabric glove. 2,217,377; Oct. 8.
Moore, Charles A., Columbus, Ohio. Pocket protector. 2,221,648; Nov. 12.
Moore, Charles C., Jr., Palos Verdes Estates, and G. C. Shepherd, Jr., Long Beach, assignors to Union Oil Company of California, Los Angeles, Calif. Diesel engine fuel. 2,220,345; Nov. 5.
Moore, Clarence H. and J. G., assignors to The Aetna Iron & Steel Co., Jacksonville, Fla. Structural member and making same. 2,201,047; May 14.
Moore, Clark M., Evanston, Ill., assignor to The Diversey Corporation. Dispensing device for detergents. 2,221,487; Nov. 12.
Moore, Coleman B. (See Burdick, E. C., Moore, and Sharp.)
Moore, Coleman B., Carroll Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring apparatus. 2,189,289; Feb. 6.
Moore, Coleman B., Carroll Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Pen release mechanism. 2,203,057; June 4.
Moore, Coleman B., Carroll Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,208,223; July 16.
Moore, Coleman B., Carrol Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Pen for recorders. 2,216,248; Oct. 1.
Moore, Coleman B., Carrol Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Fluid actuated apparatus. 2,216,448; Oct. 1.
Moore, Coleman B., Carroll Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Air controlling instrument. 2,220,974; Nov. 12.
Moore, Coleman B., Carroll Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Compensating instrument. 2,221,950; Nov. 19.
Moore, Coleman B., Carroll Park, and W. G. Trumbower, assignors to The Brown Instrument Company, Philadelphia, Pa. Measuring instrument. 2,211,148; Aug. 13.
Moore, Coleman B., Carroll Park, and E. C. Burdick, assignors to The Brown Instrument Company, Philadelphia, Pa. Mercury switch and support therefor. 2,216,449; Oct. 1.
Moore Company, The. (See Condon, Elmer J., assignor.)
Moore, David P., Avon Park, Fla. Coating and applying the same to fibrous surfaces. 2,185,217; Jan. 2.
Moore, David P., Avon Park, assignor to H. W. Rogers, Sebring, Fla. Fruit rind removing machine. 2,206,748; July 2.
Moore, Dewey L., and B. O. Morrow, Chester, S. C. Loom letoff. 2,205,149; June 18.
Moore Dry Kiln Company. (See Devine, John, assignor.)
Moore, Earl E., Gary, Ind. Heating metal slabs. 2,199,138; Apr. 30.
Moore, Edmond E. (See Tabern, D. L., Moore, Robinson, Frye, and Rundell.)
Moore, Elif A., Clifton, Tex. Respirator. 2,192,093; Feb. 27.
Moore, Elmer C., Glenview, Ill. Radio transmitter antenna reel. 2,209,467; July 30.
Moore, Emily, et al. (See Comfort, Michael, assignor.)
Moore, Ernest, Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Mechanism for supplying fastenings. 2,204,689; June 18.
Moore, Eugene T., Miami, Fla. Tube holder. 2,188,227; Jan. 23.
Moore Fabric Company. (See Moore, John V., assignor.)
Moore, Francis, assignor to Albert Specialty Company, Chicago, Ill. Developing tank. 2,187,948; Jan. 23.
Moore, Francis, assignor to Albert Specialty Company, Chicago, Ill. Tripod. 2,188,514; Jan. 30.
Moore, Francis, assignor to Albert Specialty Company, Chicago, Ill. Enlarging easel. 2,223,264; Nov. 26.
Moore, Francis, assignor to Albert Specialty Company, Chicago, Ill. Camera mounting. 2,226,827; Dec. 31.
Moore, Francis J., Minneapolis, Minn. Stirrup pad. 2,187,983; Jan. 23.
Moore, Francis J., Minneapolis, Minn. Toilet seat. 2,223,526; Dec. 3.
Moore, Francis J., Minneapolis, Minn. Toilet seat and and cover. 2,202,668; May 28.
Moore, Francis J., Minneapolis, Minn. Toilet seat. 2,202,669; May 28.
Moore, Francis J., Minneapolis, Minn. Roll holder. 2,211,576; Aug. 13.
Moore, Frank, assignor to The Foxboro Company, Foxboro Mass. Measuring and recording instrument. 2,190,912; Feb. 20.
Moore, Frank, assignor to The Foxboro Company, Foxboro, Mass. Printing mechanism for multiple-record recorders. 2,191,673; Feb. 27.
Moore, Frank E., assignor to Mathews Conveyer Company, Ellwood City, Pa. Fruit and vegetable washing and drying apparatus. 2,195,371; Mar. 26.
Moore, Frank J., Woodbury, N. J., assignor to Plastics Molding Corporation. Cold molding plastic materials. 2,190,605; Feb. 13.
Moore, Frank V., Los Angeles, Calif. Address printing-plate having detachable index card holder. 2,208,681; July 23.
Moore, Frank V., Holton, Kans. Rodent trap. 2,210,174; Aug. 6.
Moore, Franklin, Oshkosh, Wis. Take-off mechanism for match machines. 2,201,343; May 21.
Moore, Garnett V. (See Coleman, G. H., Mills, and Moore.)

Moore, Garnett V. (See Coleman, G. H., and Moore.)
Moore, Garnett V. (See Coleman, G. H., Moore, and Stratton.)
Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Container. 2,185,604; Jan. 2.
Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Making impervious bags. 2,189,431; Feb. 6.
Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Making containers. 2,190,479; Feb. 13.
Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Making containers. 2,196,665; Apr. 9.
Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Making containers. 2,196,666; Apr. 9.
Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Container and making the same. 2,200,289; May 14.
Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Container. 2,214,172; Sept. 10.
Moore, George C., Company. (See Moore, Thomas F., assignor.)
Moore, George E., assignor to The Aetna Standard Engineering Company, Youngstown, Ohio. Hold-down mechanism. 2,204,904; June 18.
Moore, George L., Chicago, Ill., assignor, by mesne assignments, to Automatic Lubrication Company, Detroit, Mich. Lubricator. 2,219,785; Oct. 29.
Moore-Handley Hardware Company. (See Morton, Tazewell S., Jr., assignor.)
Moore, Harold, London, England. Apparatus for treating one liquid with one or more other liquids. 2,192,094; Feb. 27.
Moore, Harold A., Riverhead, N. Y., assignor to Radio Corporation of America. Tuning condenser for high frequency purposes. 2,210,494; Aug. 6.
Moore, Harold A., and J. B. Moore, Riverhead, N. Y., assignors to Radio Corporation of America. Variable tuned transformer. 2,206,041; July 2.
Moore, Harry B., and C. C. Hunter, Rocky Mount, N. C. Extensible and flexible barricade. 2,221,357; Nov. 12.
Moore, Harry W., Dayton, Ohio. Dynamic balancing apparatus. 2,186,339; Jan. 9.
Moore, Henry T., and F. F. W. Perrott, Greenfield, Mass. Stepladder. 2,189,432; Feb. 6.
Moore, Herbert E., and W. E. Roberts, assignors to C. L. Hoskins, San Diego, Calif. Builders' material conveyance. 2,222,086; Nov. 19.
Moore, James G. (See Moore, Clarence H. and J. G.)
Moore, Jay C., Fredonia, Pa. Game apparatus. 2,224,060; Dec. 3.
Moore, Jay R., Oakmont, Pa. Internal combustion engine. 2,197,529; Apr. 16.
Moore, John B. (See Moore, Harold A. ,and J. B.)
Moore, John C., Connersville, Ind., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Refrigerator cabinet construction. 2,214,535; Sept. 10.
Moore, John H., Methuen, C. E. Jewett, North Andover, and R. E. Burdett, assignors to Pacific Mills, Lawrence, Mass. Weaving tufted fabric. 2,192,410; Mar. 5.
Moore, John H., Methuen, C. E. Jewett, North Andover, and R. E. Burdett, assignors to Pacific Mills, Lawrence, Mass. Weaving tufted fabric. 2,192,411; Mar. 5.
Moore, John R., Tyler, Tex. Timing mechanism. 2,201,048; May 14
Moore, John T., Tampa, Fla. Tonsillotome. 2,197,055; Apr. 16.
Moore, John T., Tampa, Fla. Tonsillitome. 2,227,270; Dec. 31.
Moore, John T., assignor of thirty per cent to W. U. Howell, Dallas, Tex. Screen door latch. 2,200,701; May 14.
Moore, John V., assignor to Moore Fabric Company, Pawtucket, R. I. Curvilinear garment support. 2,195,894; Apr. 2.
Moore, John V., assignor to Moore Fabric Company, Pawtucket, R. I. Attaching tape. 2,195,895; Apr. 2.
Moore, John V., assignor to Moore Fabric Company, Pawtucket, R. I. Woven elastic fabric. 2,195,896; Apr. 2.
Moore, John W., Detroit, Mich. Wall hanger for radiators. 2,187,984; Jan. 23.
Moore, Lee C., & Company. (See Henry, Charles L., assignor.)
Moore, Leonard P. (See Barnes, R. B., Ham, and Moore.)
Moore, Leonard P. (See Light, D. W., and Moore.)
Moore, Leonard P., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Plastic and coating composition. 2,218,474; Oct. 15.
Moore, Leonard P., and R. O. Roblin, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Nitrocellulose solution. 2,198,173; Apr. 23.
Moore, Marjorie B. (See Volwiler, E. H., and Moore.)
Moore, Milburn. (See Strause, Monroe B., assignor.)
Moore, Norman Y. (See Griffin, R. L., and Moore.)
Moore, Paul K., Denver, Colo. Harmonica. 2,192,983; Mar. 12.
Moore, Perry M., Bloomfield, N. J. Fabric wrinkleproofing and waterproofing composition. 2,200,931; May 14.
Moore, Ralph O., Tulsa, Okla. Welding oil well casings. 2,220,773; Nov. 5.
Moore, Ralph W. E. (See Robinson, W. C., and Moore.)
Moore, Richard R., Lansdowne, Pa. Developing exploring magnetism in paramagnetic bodies. 2,216,600; Oct. 1.
Moore, Robert B., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigerator tray. 2,224,311; Dec. 10.
Moore, Robert E., Park Ridge, Ill. Heating system. 2,190,382; Feb. 13.
Moore, Robert E., Park Ridge, Ill. Heating system. 2,194,805; Mar. 26.
Moore, Roy W., Schenectady, N. Y., assignor to General Electric Company. Glass fabrication process and mold. 2,201,049; May 14.
Moore, Samuel D., Cleveland, Ohio. Safety step tread. 2,205,044; June 18.
Moore, Samuel S., Brooklyn, N. Y. Picture frame. 2,203,737; June 11.
Moore, Stanley S., Stockton, Calif. Positive loading scraper. 2,198,087; Apr. 23.
Moore, Thomas E., assignor to The Ransom & Randolph Company, Toledo, Ohio. Dental investment material. 2,222,781; Nov. 26.
Moore, Thomas F., Morris Plains, N J. Water mop. 2,202,223; May 28.
Moore, Thomas F., assignor to George C. Moore Company, Westerly, R. I. Elastic fabric. 2,222,150; Nov. 19.
Moore, Thomas V., Houston, Tex., assignor to Standard Oil Development Company. Method and apparatus for formation pressure testing. 2,189,919; Feb. 13.
Moore, Thomas V., Houston, Tex., assignor to Standard Oil Development Company. Producing gas wells. 2,209,534; July 30.
Moore, Thomas V., Houston, Tex., assignor to Standard Oil Development Company. Oil base drilling fluid and preparing same. 2,216,955; Oct. 8.
Moore, Thomas W. (See Rupp, W. H., Mateer, and Moore.)
Moore, Walter B., West Lafayette, Ohio. Film-developing tank. 2,226,438; Dec. 24.
Moore, Werton D., assignor to Royal Manufacturing Company, Tulsa, Okla. Portable water softener. 2,192,451; Mar. 5.
Moore & White Company, The. (See Schrier, Frank F., assignor.)
Moore, Whitley B., assignor to The Timken Roller Bearing Company, Canton, Ohio. Shaft bearing mounting. 2,207,352; July 9.
Moore, William, Cos Cob. Conn., assignor to American Cyanamid Company, New York, N. Y. Composition for combating insect pests. 2,222,486; Nov. 19.
Moore, William D., assignor to American Cast Iron Pipe Company, Birmingham, Ala. Composition and preparing cast iron products. 2,220,792; Nov. 5.
Moore, William E., Alameda, Calif. Package refrigeration. 2,210,946; Aug. 13.
Moore, William E., Pittsburgh, Pa., assignor to Pittsburgh Research Corporation. Electric furnace. 2,202,224; May 28.
Moore, William E., Pittsburgh, and G. L. Simpson, Coraopolis, assignors to Pittsburgh Research Corporation, Pittsburgh, Pa. Adsorption apparatus and method. 2,204,431; June 11.
Moore, William H., Los Angeles, Calif. Paper and trash picker tongs and the like. 2,191,858; Feb. 27.
Moore, William O. (See Teis, K. R., and Moore.)
Moore, William R., Jr., Hagerstown, Md. Golf club. 2,225,839; Dec. 24.
Moore, William T., New York, N. Y., P. R. Cassidy, Short Hills, and R. M. Hardgrove and H. J. Kerr, Westfield, assignors to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange apparatus. 2,204,144; June 11.
Moores, Joel, assignor to The J. H. Day Company, Cincinnati, Ohio. Aerating agitator. 2,193,934; Mar. 19.
Moores, Joel, and T. P. McClanahan, assignors to The J. H. Day Company, Cincinnati, Ohio. Dustless hopper. 2,192,796; Mar. 5.
Mooresville Cotton Mills Company. (See Wallace, Clifford N., Jr., assignor.)
Moorhead, Albert E., San Francisco, Calif. Centrifugal casting apparatus. 2,189,290; Feb. 6.
Moorhouse, Alfred, Detroit, Mich., assignor to Morse Chain Company, Ithaca, N. Y. Chain drive. 2,226,010; Dec. 24.
Moorman, Charles L., Blue Island, Ill. Circulating means for rolling stock. 2,188,464; Jan. 30.
Moorman, Charles L., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Ice compartment for refrigerator cars. 2,194,952; Mar. 26.
Moos, Charles P., South Hadley Falls, Mass., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Tire testing machine. 2,192,363; Mar. 5.
Moos, Georges, Zurich, Switzerland. Vaginal injection appliance. 2,188,190; Jan. 23.
Moose, Harold L., San Francisco, Calif. Ventilator. 2,191,768; Feb. 27.
Mora, Grato, assignor to Omes Limited, London, England. Electric forging machine. 2,220,535; Nov. 5.
Morack, Marvin M., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system. 2,202,711; May 28.
Morack, Marvin M., Schenectady, N. Y., assignor to General Electric Company. Electric signaling and indicating system. 2,213,091; Aug. 27.

Morack, Marvin M., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuits. 2,222,717; Nov. 26.
Moran, Clarence E., Canton, Ohio. Fluid fuel burner. 2,194,208; Mar. 19.
Moran, Francis D., Downers Grove, Ill. Apparatus for making metal sponge. 2,196,076; Apr. 2.
Moran, James J., assignor to Kimble Glass Company, Vineland, N. J. Condenser tube. 2,197,243; Apr. 16.
Moran, John, and M. N. Kepler, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for use in the bedding of glass sheets preparatory to surfacing. 2,212,351; Aug. 20.
Moran, Matthew F., Kansas City, Mo. Distilling system. 2,226,828; Dec. 31.
Moran, Robert C., Wenonah, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Stabilized mineral oil composition. 2,220,941; Nov. 12.
Morando, Emanuel R., Bronx, N. J. Jack. 2,207,548; July 9.
Morano, James and S. M., Morgantown, W. Va. Mine rail tie and rail securing device. 2,185,946; Jan. 2.
Morano, Sam. (See Morano, James and S.)
Morch, Jacob J., Toronto, Ontario, Canada. Ore crusher. 2,190,036; Feb. 13.
Morcom, Thomas H., assignor to General Railway Signal Company, Rochester, N. Y. Insulator. 2,217,229; Oct. 8.
Morden, Charles W., assignor to Morden Machines Company, Portland, Oreg. Fibrous material refining engine. 2,207,931; July 16.
Morden Machines Company. (See Morden, Charles W., assignor.)
Morders, Raymond. (See Willing, M. S., Scribner, and Morders.)
Mordin, Ralph, Westminster, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Remote control apparatus. 2,206,550; July 2.
More, John D., Santa Fe, N. Mex., assignor of one-half to E. P. Gutz, Hampton, Iowa. Tub. 2,198,631; Apr. 30.
Moreau, Leo A., North Adams, Mass. Motor vehicle jack. 2,187,533; Jan. 16.
Moreau, Marcel E., New York, and D. Landfield, Bronx, N. Y. Combination range and view finder. 2,202,593; May 28.
Morehead, James A., Huntington, W. Va., assignor to S. M. Dover, Chicago, Ill. Making lenses. 2,223,382; Dec. 3.
Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co., Inc. Pin stem catch or joint. 2,186,681; Jan. 9.
Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co., Inc. Making a pin stem catch or joint. 2,186,682; Jan. 9.
Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co., Inc. Making findings for pin stems. 2,221,429; Nov. 12.
Morehouse, Harry C., assignor to Wagner-Morehouse, Inc., Los Angeles, Calif. Brake mechanism. 2,191,769; Feb. 27.
Morehouse, Silas A., assignor of one-half to G. A. Sailer, Glendale, Calif. Reel seat. 2,194,029; Mar. 19.
Moreira, Francisco E. de G., S. Paulo, Brazil. Glass tube cutter. 2,199,807; May 7.
Moreland, Richard K., San Francisco, Calif. Ore reducing and digesting process. 2,188,305; Jan. 30.
Moreland, Stephen T. (See Hileman, L. G., Moreland, and Potoczky.)
Moreland, Stephen T., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Molding hollow shapes. 2,219,576; Oct. 29.
Morelisse, Jan, Amsterdam, Netherlands. Electrical control system. 2,192,555; Mar. 5.
Morell, Jacque C., Oak Park, Ill. Building construction. 2,206,233; July 2.
Morella, Frank, assignor of one-fourth to H. C. Bennallack, Milwaukee, Wis. Pulley for speed-changing mechanisms. 2,198,314; Apr. 23.
Morelock, Oliver J., Short Hills, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Vacuum tube voltmeter. 2,208,329; July 16.
Moreno, Carlos G., Cleveland, Ohio. Control for vehicular rear signal lights. 2,200,778; May 14.
Moreno, Gabriel G., Mixcoac, D. F., Mexico, assignor to C M C Corporation, New York, N. Y. Photographic processing. 2,201,591; May 21.
Morf, Ernest, La Chaux-de-Fonds, Switzerland. Watch crystal for watertight watches. 2,187,863; Jan. 23.
Morf, Ernest, La Chaux-de-Fonds, Switzerland. Exterior operating member for watertight watches. 2,202,114; May 28.
Morf, Ernest, La Chaux-de-Fonds, Switzerland. Watch crystal. 2,222,911; Nov. 26.
Morgadanes, Dolores, New Orleans, La. Automobile tent. 2,204,432; June 11.
Morgan, Adolph R., Merchantville, N. J., assignor to Radio Corporation of America. Electrical transmitting system. 2,224,000; Dec. 3.
Morgan, Alfred C., Bethlehem, Pa., assignor to Bethlehem Steel Company. Beam bending machine. 2,216,694; Oct. 1.
Morgan, Arthur C., Los Altos, Calif. Building construction. 2,205,730; June 25.
Morgan Concentrating Corporation. (See Kennedy, J. H., and Ballard, assignors.)
Morgan Construction Company. (See Kneass, Strickland, Jr., assignor.)
Morgan Construction Company. (See Mekeel, D. L., and Caylor, assignors.)
Morgan Construction Company. (See Merkt, Gustav A., assignor.)
Morgan Construction Company. (See Morgan, Myles, assignor.)
Morgan Construction Co. (See Morgan, Myles and W., assignors.)
Morgan Construction Company. (See O'Malley, Joseph M., assignor.)
Morgan Construction Company. (See Sheperdson, John W., assignor.)
Morgan Construction Company. (See Young, R. W., and O'Malley, assignors.)
Morgan, David G., San Francisco, Calif. Wheeled truck. 2,190,368; Feb. 13.
Morgan, David H., assignor to Truscon Steel Company, Youngstown, Ohio. Prelift device for hangar doors. 2,220,656; Nov. 5.
Morgan, David W. R., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Condenser apparatus. 2,196,641; Apr. 9.
Morgan, David W. R., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Condenser. 2,222,439; Nov. 19.
Morgan, Davis H., assignor to Truscon Steel Company, Youngstown, Ohio. Operating means for canopy doors. 2,222,151; Nov. 19.
Morgan, Durward. (See Broke, E. B., and Morgan.)
Morgan, Edward K., et al. (See Shackelford, George A., assignor.)
Morgan Engineering Company, The. (See Ball, Harvey W., assignor.)
Morgan Engineering Company, The. (See Ditges, William L., assignor.)
Morgan, Erving B., assignor to American Seating Company, Grand Rapids, Mich. Air-conditioning apparatus. 2,206,749; July 2.
Morgan, Erving B., and C. E. Yost, assignors to American Seating Company, Grand Rapids, Mich. Seat end standard. 2,203,304; June 4.
Morgan, Fred P., Delray Beach, Fla. Irrigation pump. 2,215,559; Sept. 24.
Morgan, George C., Birmingham, Ala., assignor to Continental Gin Company. Linter gin. 2,192,690; Mar. 5.
Morgan, Glenn D., Los Angeles, Calif. Making waterproof newspapers. 2,206,868; July 9.
Morgan, Glen W., Alhambra, and W. A. Morgan, San Marino, Calif. Valve means. 2,212,302; Aug. 20.
Morgan, Howard K., assignor to Transcontinental & Western Air, Inc., Kansas City, Mo. Loop antenna. 2,217,989; Oct. 15.
Morgan, James A., Houston, Tex. Scrubber. 2,197,189; Apr. 16.
Morgan, John D., South Orange, assignor to Power Patents Company, Hillside, N. J. Electric heater. 2,195,705; Apr. 2.
Morgan, John D., South Orange, assignor to Power Patents Company, Hillside, N. J. Refractory and method of manufacture. 2,220,019; Oct. 29.
Morgan, John D., South Orange, N. J., and R. E. Lowe, New York, N. Y., assignors to Power Patents Company, Hillside, N. J. Solder melting pot. 2,190,135; Feb. 13.
Morgan, John D., South Orange, N. J., and A. P. Sullivan, Jackson Heights, N. Y., assignors to Power Patents Company, Hillside, N. J. Gas analyzing apparatus. 2,204,966; June 18.
Morgan, John D., South Orange, N. J., and A. P. Sullivan, Jackson Heights, N. Y., assignors to Power Patents Company, Hillside, N. J. Gas analyzing apparatus. 2,211,627; Aug. 13.
Morgan, John D., South Orange, and P. B. Levitt, Millburn, assignors to Power Patents Company, Hillside, N. J. Electric immersion heater. 2,217,595; Oct. 8.
Morgan, John D., South Orange, and P. B. Levitt, Millburn, assignors to Power Patents Company, Hillside, N. J. Solvent cleansing. 2,223,791; Dec. 3.
Morgan, John E., Grand Prairie, Tex. Plaster lath clip. 2,216,019; Sept. 24.
Morgan, John S., Jr., Hermosa Beach, Calif., assignor to The National Supply Company, Pittsburgh, Pa. Method of and apparatus for determining bore alignment of tubes. 2,198,837; Apr. 30.
Morgan, John S., Jr., Manhattan Beach, and J. D. Spalding, Los Angeles, Calif., assignors, by mesne assignments, to The National Supply Company, Pittsburgh, Pa. Rotary machine. 2,205,269; June 18.
Morgan, John W., assignor of one-half to H. Paykel, Aukland, New Zealand. Shock absorbing and load equalizing or stabilizing means. 2,201,912; May 21.
Morgan, Joseph G., Phoenixville, Pa. Photographic apparatus. 2,202,353; May 28.
Morgan Machine Company. (See Patterson, E. V., and Macy, assignors.)
Morgan, Martha O., Committee. (See Brown, N. C. L., and Morgan.)

Morgan, Maurice J., Charlotte, N. C. Fireplace heater. 2,196,934; Apr. 9.
Morgan, Myles, assignor to Morgan Construction Company, Worcester, Mass. Shearing mechanism. 2,187,091; Jan. 16.
Morgan, Myles and W., assignors to Morgan Construction Co., Worcester, Mass. Wire-drawing machine. 2,185,416; Jan. 2.
Morgan, Myles and W., assignors to Morgan Construction Co., Worcester, Mass. Wire drawing machine. 2,219,094; Oct. 22.
Morgan, Olivia B., Phoenix, Ariz. Foldable screen enclosure for bed frames. 2,218,765; Oct. 22.
Morgan, Stanley O., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric substance and producing it. 2,188,154; Jan. 23.
Morgan, Thomas H., Kittanning, Pa. Vibrator. 2,196,224; Apr. 9.
Morgan, Walter J., assignor to American Cast Iron Pipe Company, Birmingham, Ala. Pipe joint. 2,226,067; Dec. 24.
Morgan, Weld. (See Morgan, Myles and W.)
Morgan, Wesley V. (See Brown, N. C. L., and Morgan.)
Morgan, Wilbert H., Howard Beach, N. Y. Apparatus for making photoprints. 2,200,719; May 14.
Morgan, Willard A. (See Morgan, Glen W. and W. A.)
Morgan, Willard L. (See Wilcox, Robert L., assignor.)
Morgan, Willard L., Edgewood, R. I., assignor to American Maize-Products Company. Antifreeze composition. 2,200,184; May 7.
Morgen, Sigurd P., assignor to The American Hardware Corporation, New Britain, Conn. Door or drawer pull. 2,222,320; Nov. 19.
Morgenstern, Charles E., St. Joseph, Mich., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Centrifugal clothes drier. 2,186,263; Jan. 9.
Morgenstern, Morris, Brooklyn, N. Y. Slip cover for kitchen chair pads. 2,205,302; June 18.
Morgillo, Constantine A., Toledo, Ohio. Jar lifter. 2,212,527; Aug. 27.
Mori, Ernest, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Laying dust in coal mines. 2,222,370; Nov. 19.
Moriarty, Benedict E., Kenosha, Wis. Curtain rod. 2,188,738; Jan. 30.
Moriarty, Charles D., Schenectady, N. Y., assignor to General Electric Company. Stereoscopic apparatus. 2,199,959; May 7.
Moriarty, Michael J., Chicago, Ill. Fishing apparatus. 2,196,472; Apr. 9.
Moricich, Lucas, Avalon, Calif. Tooth paste dispenser. 2,218,290; Oct. 15.
Morin, George G., Holyoke, Mass. Negative holder for photographic enlargers. 2,221,218; Nov. 12.
Morin, Louis H. (See Marinsky, D., and Morin.)
Morin, Louis H., assignor to Whitehall Patents Corporation, Bronx, N. Y. Slider. 2,193,834; Mar. 19.
Morin, Louis H., assignor to Whitehall Patents Corporation, Bronx, N. Y. Slider for separable fasteners. 2,205,694; June 25.
Morin, Louis H., assignor to Whitehall Patents Corporation, Bronx, N. Y. Variable scoop separable fastener. 2,219,657; Oct. 29.
Morin, Louis H., Bronx, N. Y., assignor to The Coca-Cola Company, Wilmington, Del. Coin controlled mechanism for vending machines. 2,223,328; Nov. 26.
Morin, Louis H., assignor to Whitehall Patents Corporation, Bronx, N. Y. High speed die casting machine. 2,224,977; Dec. 17.
Morin, Louis H., assignor to Whitehall Patents Corporation, Bronx, N. Y. Melting pot for casting machines. 2,224,978; Dec. 17.
Morin, Louis H., assignor to Whitehall Patents Corporation, Bronx, N. Y. Die casting machine and dual pneumatic valve therefor. 2,224,979; Dec. 17.
Morin, Louis H., assignor to Whitehall Patents Corporation, Bronx, N. Y. Tape feeding mechanism. 2,224,980; Dec. 17.
Morin, Louis H., assignor to Whitehall Patents Corporation, Bronx, N. Y. Apparatus for delivering casting material under pressure to dies. 2,224,981; Dec. 17.
Morin, Louis H., assignor to Whitehall Patents Corporation, Bronx, N. Y. Die casting by electrical induction. 2,224,982; Dec. 17.
Morin, Louis H., and D. Marinsky, Bronx, N. Y. Thread spool and constructing the same. 2,200,720; May 14.
Morin, Louis H., and D. Marinsky, assignors to Whitehall Patents Corporation, Bronx, N. Y. Die casting machine. 2,193,832; Mar. 19.
Morin, Louis H., and D. Marinsky, assignors to Whitehall Patents Corporation, Bronx, N. Y. Separable slide fastener. 2,193,833; Mar. 19.
Morin, Louis H., and D. Marinsky, assignors to Whitehall Patents Corporation, Bronx, N. Y. Die casting separable fasteners. 2,200,633; May 14.
Morin, Louis H., and D. Marinsky, Bronx, assignors to Whitehall Patents Corporation, New York, N. Y. Separable fastener element and making the same. 2,203,694; June 11.
Morin, Luke O., Jr., and R. R. Shelton, assignors, by mesne assignments, to Hamilton National Bank of Chattanooga, Chattanooga, Tenn. Heat control for oil stoves. 2,201,913; May 21.
Moritz, Adrian J. L., assignor to American Enka Corporation, Enka, N. C. Manufacture of rayon threads and the like. 2,195,934; Apr. 2.
Moritz, B. E., Instrument Company. (See Moritz, Burt E., Jr., assignor.)
Moritz, Burt E., Jr., assignor to B. E. Moritz Instrument Company, Denver, Colo. Multicontrol oscillograph system. 2,186,388; Jan. 9.
Moritz, Eugene A. (See Berkoben, A., and Moritz.)
Moriya, Saburo M., Philadelphia, Pa. Overflush mechanism for toilets. 2,188,610; Jan. 30.
Mork, George W. (See Bager, W. M., Fykse, and Mork.)
Morkoski, James, Canton, Ill., assignor to International Harvester Company. Plow. 2,209,031; July 23.
Morley, Charles E., Detroit, Mich. Mounting for rear view mirrors. 2,212,033; Aug. 20.
Morley, Earl M., assignor, by mesne assignments, to himself and W. S. Carroll, Delta, Ohio. Tire inflation. 2,217,288; Oct. 8.
Morley, Herbert, et al. (See Sheppard, William L., assignor.)
Morley, Herbert, and J. C. Buchanan, Detroit, Mich., assignors to Borg-Warner Corporation. Refrigerator construction. 2,193,488; Mar. 12.
Morley, Robert M., Derby, Conn. Windshield wiper motor. 2,208,772; July 23.
Morlock, Heinrich, Pforzheim, Germany. Pressure operated magazine pencil. 2,190,798; Feb. 20.
Moroney, Raymond A., Chicago, Ill. Apparatus for sampling liquids. 2,196,681; Apr. 9.
Moross, George B., Jackson Heights, N. Y. Oscillative indicating instrument. 2,205,574; June 25.
Morphet, Everett C., Wilmar, Calif. Brake system for automobiles. 2,217,230; Oct. 8.
Morphy, Le Roy S., Lansing, Mich. Multiple trouser hanger. 2,222,234; Nov. 19.
Morral, Samuel E. (See Morral, William W. and S. E.)
Morral, William W. and S. E., Morral, Ohio. Machine for cutting corn from the cob. 2,212,071; Aug. 20.
Morrell, George, Corporation. (See Delorme, Jean, assignor.)
Morrell, Jacque C., Oak Park, Ill. Wall structure. 2,202,783; May 28.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. Re. 21,464; May 28.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. Re. 21,466; May 28.
Morrell, Jacque C., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oil. 2,187,048; Jan. 16.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,202,115; May 28.
Morrel, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,203,025; June 4.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of motor fuel. 2,203,836; June 11.
Morrell, Jacque C., and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. Re. 21,465; May 28.
Morrell, Jacque C., and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. Re. 21,467; May 28.
Morrell, Jacque C., and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon gases. 2,189,815; Feb. 13.
Morrell, Jacque C., and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,189,816; Feb. 13.
Morrell, Jacque C., and W. L. Benedict, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,197,873; Apr. 23.
Morrell, Jacque C., and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Catalytic dehydrogenation of hydrocarbons. 2,212,034; Aug. 20.
Morrell, Jacque C., and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon. 2,212,035; Aug. 20.
Morrill, Alfred R. (See Quinn, E., and Morrill.)
Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe machine. 2,186,592; Jan. 9.
Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe sewing machine. 2,194,365; Mar. 19.
Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe sewing machine. 2,219,933; Oct. 29.
Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe sewing machine. 2,220,112; Nov. 5.
Morrill, Frank B., assignor to James Hunter Machine Company, North Adams, Mass. Tenter drier. 2,219,192; Oct. 22.
Morrill Henry L., Clayton, assignor to Monsanto Chemical Company, St. Louis, Mo. Insecticide. 2,192,927; Mar. 12.
Morrill, Myron C., South Plainfield, N. J. Game apparatus. 2,205,217; June 18.
Morrill, Myron C., South Plainfield, N. J. Game apparatus. 2,205,218; June 18.

Morrill, Wayne J., Fort Wayne, Ind., assignor to General Electric Company. Flexible coupling. 2,195,993; Apr. 2.
Morrill, Wayne J., Fort Wayne, Ind., assignor to General Electric Company. Control device. 2,215,294; Sept. 17.
Morrill, Wayne J., and E. L. Horning, Fort Wayne, Ind., assignors to General Electric Company. Dynamoelectric machine. 2,212,401; Aug. 20.
Morrill, Weston, Pittsfield, Mass., assignor to General Electric Company. Surface insulation for magnetic sheet steel. 2,215,295; Sept. 17.
Morris, Albert W., Springfield, Mass., assignor to Morris Engineering Corporation. Apparatus for casting metal. 2,195,960; Apr. 2.
Morris, Albert W., Springfield, assignor, by mesne assignments, to R. C. Travers, Worcester, Mass., trustee. Apparatus for ore treatment. 2,219,427; Oct. 29.
Morris, Bert M., Los Angeles, Calif. Fountain inkwell. 2,188,828; Jan. 30.
Morris, Bert M., Los Angeles, Calif. Self-filling fountain pen. 2,224,393; Dec. 10.
Morris, Charles W., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Safety device for gun mounts. 2,196,269; Apr. 9.
Morris, Donald W. (See Batten, P. H., and Morris.)
Morris, Drew, Clifton Springs, N. Y. Applicator. 2,214,822; Sept. 17.
Morris, Edgar. (See Wilcox, Charles B., assignor.)
Morris, Edward R. (See Skinner, C. W., and Morris.)
Morris Engineering Corporation. (See Morris, Albert W., assignor.)
Morris, Grant, and J. H. Bowers, Wahoo, Nebr. Water system for brooder houses. 2,222,680; Nov. 26.
Morris, Harry F., Oakland, Calif. Animal cage. 2,189,449; Feb. 6.
Morris, Herbert N., Sandusky, Ohio. Manhole step. 2,215,129; Sept. 17.
Morris, Howard I., Lakewood, assignor to The Yoder Company, Cleveland, Ohio. Apparatus for cutting metal into sections. 2,209,995; Aug. 6.
Morris, James J., assignor to T. J. Morris, Chicago, Ill. Cooking apparatus. 2,191,284; Feb. 20.
Morris, James J., assignor to T. J. Morris, Chicago, Ill. Cooking apparatus. 2,191,285; Feb. 20.
Morris, James J., assignor to T. J. Morris, Chicago, Ill. Cooking apparatus. 2,191,286; Feb. 20.
Morris, Jolly L., Houston, assignor of three-fourths to F. W. Finley, Pittsburgh, Pa. Pipe coupling. 2,189,350; Feb. 6.
Morris, Joshua, Jr., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current collecting device. 2,210,684; Aug. 6.
Morris, Lawrence A., assignor of thirty-five per cent to F. W. Ketcham, Chicago, Ill. Producing montage type prints. 2,221,004; Nov. 12.
Morris, Lloyd P., assignor, by mesne assignments, to W. C. Grunow, Chicago, Ill. Electrical system. 2,189,990; Feb. 13.
Morris, Lynn B., Washington, D. C., assignor to Du Pont Film Manufacturing Corporation, New York, N. Y. Color-forming photographic composition, element, and process. 2,189,817; Feb. 13.
Morris, Martin. (See Vulich, Jack, assignor.)
Morris, Paul K., Uniontown, Pa. Safety pin. 2,200,290; May 14.
Morris, Paul R., and E. J. Ballintine, Tarentum, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for electroplating metals on mirrors. 2,219,695; Oct. 29.
Morris, Robert S., Mount Calm, Tex. Serving tray. 2,211,962; Aug. 20.
Morris, Sam J., assignor of one-third to J. P. Jones, and one-third to B. T. Russell, Waco, Tex. Illuminated level. 2,198,945; Apr. 30.
Morris, Theodore J. (See Morris, James J., assignor.)
Morris, Thomas C. (See Teppema, J., and Morris.)
Morris, Vlon N. (See Robertson, G. L., and Morris.)
Morris, Warren A. (See Rowe, W. W., and Morris.)
Morris, William L. (See Grosser, Richard, assignor.)
Morris, William T., Great Neck, N. Y., and L. Kuhnl, Bridgeport, Conn., assignors to Magazine Repeating Razor Company, New York, N. Y. Razor. 2,203,837; June 11.
Morrison, Andrew E. (See Bemis, M. H., Greer, and Morrison.)
Morrison, Anna, Los Angeles, Calif. Cabinet bath attachment for bathtubs. 2,194,668; Mar. 26.
Morrison, Frederick C., Los Angeles, Calif. Artificial tooth and installation of the same. 2,210,424; Aug. 6.
Morrison, Gordon M., San Mateo, Calif. Splint stretcher. 2,191,097; Feb. 20.
Morrison, Harry. (See Saunders, S. G., and Morrison.)
Morrison, Jack F., assignor to Dayco Radio Corporation, Dayton, Ohio. Tube tester. 2,198,503; Apr. 23.
Morrison, James J. (See Marlborough, J. M., and Morrison.)
Morrison, John, Lake George, assignor to Seco Toys, Inc., Glens Falls, N. Y. Toy fence. 2,223,222; Nov. 26.
Morrison, John L. M., Bristol, England, assignor, by mesne assignments, to G. W. Swift, Jr., Inc., Bordentown, N. J. Cyclically variable speed driving mechanism. 2,215,762; Sept. 24.
Morrison, John R., Hudson, Ohio. Welding rod processing equipment. 2,205,628; June 25.
Morrison, John R., Washington, D. C. Tablet. 2,225,881; Dec. 24.
Morrison, Louis A., Madison, and E. E. Mott, Upper Montclair, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,220,942; Nov. 12.
Morrison Machine Company. (See Lacey, Harold, assignor.)
Morrison, Marguerite, Glencoe, Ill. Massaging device. 2,219,138; Oct. 22.
Morrison, Montford, Upper Montclair, N. J. Electronic distributor system. 2,204,375; June 11.
Morrison, Robert F. (See Marchev, A., and Morrison.)
Morrison, Robert F., Oak Park, assignor to Ditto, Incorporated, Chicago, Ill. Moistening means for duplicating machines. 2,207,932; July 16.
Morrison, Robert F., Oak Park, assignor to Ditto, Incorporated, Chicago, Ill. Liquid process duplicating machine and block-out means therefor. 2,220,265; Nov. 5.
Morrison, Robert F., Oak Park, and G. E. Wimmer, assignors to Ditto, Incorporated, Chicago, Ill. Intermittent sheet forwarding apparatus for duplicating machines. 2,220,264; Nov. 5.
Morrison, Vaughn E., Aurora, assignor to The Rudolph Wurlitzer Company, De Kalb, Ill. Selective shift for accordions. Re. 21,395; Mar. 12.
Morrison, Vaughn E., St. Charles, Ill., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Shift mechanism. 2,208,384; July 16.
Morrison, Willard L., Lake Forest, Ill. Automobile door. 2,192,928; Mar. 12.
Morrison, Willard L., Lake Forest, Ill. Bumper device for automotive vehicles. 2,196,225; Apr. 9.
Morrison, Willard L., Lake Forrest, Ill. Wind deflector for automobiles. 2,197,810; Apr. 23.
Morrison, Willard L., Lake Forest, Ill. Blower. 2,198,735; Apr. 30.
Morrison, Willard L., Lake Forest, Ill. Ventilating device. 2,201,374; May 21.
Morrison, Willard L., Lake Forest, Ill. Ventilating device for automobiles. 2,202,393; May 28.
Morrison, Willard L., Lake Forest, Ill. Air cooling and circulating device. 2,224,878; Dec. 17.
Morrissey, Stephen J., Rapid City, S. Dak., assignor, by mesne assignments, to Diamond Iron Works, Incorporated. Material handling device. 2,210,093; Aug. 6.
Morron, John D. (See Scholl, E. L., Oakleaf, and Morron.)
Morrone, William, assignor of forty per cent of S. F. Gallo, and five per cent to J. Miller, Oakdale, Pa. Time controlled switch. 2,190,241; Feb. 13.
Morrow, Ben O. (See Moore, Dewey L., and Morrow.)
Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Thermostatic device. 2,222,113; Nov. 19.
Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Casing or cabinet structure for water heaters and the like. 2,223,769; Dec. 3.
Morrow, Harry M., Canton, Ohio, assignor to The Bowdil Company. Cutting bit. 2,217,347; Oct. 8.
Morrow, John E., East St. Louis, Ill., assignor to Aluminum Company of America, Pittsburgh, Pa. Insecticide and producing same. 2,210,594; Aug. 6.
Morrow, John E., East St. Louis, and J. R. Wall, Collinsville, Ill., assignors to Aluminum Company of America, Pittsburgh, Pa. Producing sodium aluminum fluoride. 2,196,077; Apr. 2.
Morrow, John H., and K. V. Baker, Los Angeles, and H. J. Reeves, Inglewood, Calif. Comfort wave machine. 2,203,268; June 4.
Morrow, Lester W. W., Corning, N. Y., assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation, Toledo, Ohio. High voltage insulated cable. 2,224,484; Dec. 10.
Morrow, Lloyd E., Milan, Ohio. Agricultural machine. 2,224,795; Dec. 10.
Morrow, William B., Newburg, Pa. Hitch coupler. 2,194,866; Mar. 26.
Morschel, Heinrich, and L. Nüssler, Leverkusen, Rhine, and H. Krzikalla and W. Alt, Ludwigshafen, Rhine, Germany. Production of azo dyestuffs on the fiber. 2,211,149; Aug. 13.
Morschel, Heinrich, Leverkusen-Wiesdorf, and R. R. Wolff, Levergusen-Kuppersteg, Germany, assignors to General Aniline & Film Corporation. Water-insoluble azo dyestuffs. 2,218,920; Oct. 22.
Morse Andrews Co. (See Morse, William J., assignor.)
Morse, Arthur H., Cincinnati, Ohio, and C. Pieper, South Fort Mitchell, Ky., assignors to The Baldwin Company, Cincinnati, Ohio. Piano key and action combination. 2,185,644; Jan. 2.
Morse, Arthur H., and A. F. Knoblaugh, assignors to The Baldwin Company, Cincinnati, Ohio. Piano. 2,186,466; Jan. 9.
Morse Bros. Machinery Company. (See Morse, George G., assignor.)
Morse Bros. Machinery Company. (See Weinig, Arthur J., assignor.)
Morse Chain Company. (See Bliss, H. N., and Fenton, assignors.)
Morse Chain Company. (See Breme, Norman C., assignor.)

Morse Chain Company. (See Moorhouse, Alfred, assignor.)
Morse Chain Company. (See Schappi, John, assignor.)
Morse Chain Company. (See Sloan, Lon, assignor.)
Morse, Earl W., Rochester, N. Y. Mounting block for rubber stamps. 2,195,994; Apr. 2.
Morse, Ercy A. (See Hall, C. D., and Morse.)
Morse, George G., assignor to Morse Bros. Machinery Company, Denver, Colo. Rubber impeller. 2,217,231; Oct. 8.
Morse, Harold F., Southport, Conn., assignor to General Electric Company. Ventilating fan control. 2,225,349; Dec. 17.
Morse, Henry B., Binghamton, and W. S. Cornell, assignors to Endicott Johnson Corporation, Endicott, N. Y. Box toe material. 2,203,597; June 4.
Morse, James F. (See Clayton, W., Back, Morse, and Johnson.)
Morse, Leland R., Chicago, Ill. Finishing laundered shirts. 2,202,062; May 28.
Morse, Leland R., Chicago, Ill. Packaging shirts. 2,226,231; Dec. 24.
Morse, Malcolm W., Boston, Mass. Tension equalizer. 2,213,992; Sept. 10.
Morse, Robert V., Ithaca, N. Y. Belt drive. 2,199,569; May 7.
Morse, Whiting B. (See Fidler, C. E., and Morse.)
Morse, Wm. B., Lumber Co. (See Fidler, C. E., and Morse, assignors.)
Morse, William J., Attleboro, Mass., assignor to Morse Andrews Co. Cuff link construction. 2,194,766; Mar. 26.
Morsh, John P., Peachland, British Columbia, Canada. Gate latch. 2,223,697; Dec. 3.
Morsing, William, Irvington, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Forming apparatus. 2,214,624; Sept. 10.
Mortell, J. W., Company. (See Torri, Joseph A., assignor.)
Morten, Louis G., Teaneck, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Electricity conductor unit. 2,218,545; Oct. 22.
Mortenson, Henry C., Redwood City, Calif. Building unit and construction. 2,195,655; Apr. 2.
Mortenson, John, Canton, Ohio. Furnace. 2,224,460; Dec. 10.
Mortenson, John A., assignor of one-half to J. S. Jensen, Seattle, Wash. Press. 2,193,140; Mar. 12.
Mortimer, George W., Wakefield, Mass., assignor to General Electric Company. Elastic fluid turbine rotor. 2,199,243; Apr. 30.
Morton, Allan B., Portsmouth, Va. Oil burner. 2,215,763; Sept. 24.
Morton, Allen W., Baltimore, Md., assignor to Koppers Company, Pittsburgh, Pa. Packing ring. 2,221,988; Nov. 19.
Morton, Charles, Pawtucket, R. I. Drafting apparatus. 2,208,803; July 23.
Morton, Charles D. (See Reilly, F. C., and Morton.)
Morton, Charles D., Greenfield, Ind. Cast fixed bridge. 2,196,505; Apr. 9.
Morton, Charles K., assignor to The Almetal Universal Joint Company, Cleveland, Ohio. Manufacturing universal joints. 2,213,448; Sept. 3.
Morton, Edmund R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resonator for telephone bells. 2,216,956; Oct. 8.
Morton, Eric A., Coventry, assignor to Courtaulds Limited, London, England. Winding machine. 2,217,561; Oct. 8.
Morton, Eric A., Coventry, assignor to Courtaulds, Limited, London, England. Manufacture and production of staple fiber. 2,221,716; Nov. 12.
Morton, Floyd, Oak Park, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,222,114; Nov. 19.
Morton, Francis G., Amsterdam, N. Y. Combined sock and arch support. 2,219,235; Oct. 22.
Morton, George A., Haddon Heights, N. J., assignor to Radio Corporation of America. Electro-optical device. 2,189,319; Feb. 6.
Morton, George A., Haddon Heights, N. J., assignor to Radio Corporation of America. Electro-optical device. 2,189,320; Feb. 6.
Morton, George A., Audubon, N. J., assignor to Radio Corporation of America. Electro-optical device. 2,189,321; Feb. 6.
Morton, George A., Audubon, N. J., assignor to Radio Corporation of America. Electron tube. 2,212,645; Aug. 27.
Morton, George A., Audubon, N. J., assignor to Radio Corporation of America. Electron-optical device. 2,222,181; Nov. 19.
Morton, George A., Audubon, and L. E. Flory, Oaklyn, N. J., assignors to Radio Corporation of America. Electric discharge device. 2,192,579; Mar. 5.
Morton, George W., Bartlett, N. H. Ski passenger carriage and inclined servicing way for the same. 2,200,964; May 14.
Morton, George W., Bartlett, N. H. Passenger carriage for ski or like elevated ways. 2,200,965; May 14.
Morton, James C., Goree, Tex., assignor of one-half to M. L. Cottingham, Oklahoma City, Okla. Row crop header. 2,217,916; Oct. 15.
Morton Machine Works. (See Jackson, Stonewall W., assignor.)
Morton, Osmond R., Birmingham, Ala. Apparatus for purifying water. 2,223,634; Dec. 3.
Morton Salt Company. (See Berry, Robert E., assignor.)
Morton Salt Company. (See Farnsworth, W. H., and Martin, assignors.)
Morton Salt Company. (See Martin, C. H., and Hardy, assignors.)
Morton Salt Company. (See Warren, Robert P., assignor.)
Morton, Sterling, assignor to Teletype Corporation, Chicago, Ill. Signaling system and apparatus therefor. 2,200,802; May 14.
Morton, Tazewell S., Jr., Birmingham, Ala., assignor to Moore-Handley Hardware Company. Counter display stand for kitchenware. 2,225,376; Dec. 17.
Morton, William A., Mount Lebanon, and H. F. Spencer, assignors to Amco, Incorporated, Pittsburgh, Pa. Regenerative soaking pit furnace. 2,196,321; Apr. 9.
Morton, William A., Mount Lebanon, and H. F. Spencer, assignors to Amco, Incorporated, Pittsburgh, Pa. Operator for cover for soaking pit furnace. 2,223,635; Dec. 3.
Morton, Woolridge B., New York, N. Y. Playing card and making the same. 2,193,638; Mar. 12.
Morway, Arnold J. (See Wiezevich, P. J., Zimmer, and Morway.)
Morway, Arnold J. (See Zimmer, J. C., and Morway.)
Morway, Arnold J., New York, N. Y., assignor to Standard Oil Development Company. Lubricant for high bearing pressures. 2,202,394; May 28.
Morway, Arnold J., Roselle, and J. C. Zimmer, Hillside, N. J., assignors to Standard Oil Development Company. Metal fabricating lubricant. 2,217,764; Oct. 15.
Morway, Arnold J., Clark Township, Union County, and F. L. Miller, Roselle Park, N. J., assignors to Standard Oil Development Company. Lubricating composition. 2,225,318; Dec. 17.
Moscini, John, Chico, Calif., assignor to American Rhinestone Company, Inc. Rhinestone making machine. 2,194,050; Mar. 19.
Mosebach, Karl J., Pittsburgh, Pa. Rail bond. 2,201,497; May 21.
Mosel, Joseph H., assignor to The Jaeger Machine Company, Columbus, Ohio. Road-building apparatus. 2,185,645; Jan. 2.
Moseley, Francis L., Pelham, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Earth induction compass. 2,201,559; May 21.
Moseley, Tomlinson L., San Francisco, assignor to Motodent Inc., Los Angeles, Calif. Electric toothbrush. 2,196,667; Apr. 9.
Moseman, John W., Bethesda, Md. Device for determining pressure in gun bores. 2,212,547; Aug. 27.
Moser, Anton C., Moose Lake, Minn. Milk pail strainer. 2,191,395; Feb. 20.
Moser, Franz R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Removing naphthenic acids from hydrocarbon oils. 2,186,425; Jan. 9.
Moser, Franz R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Lowering the pour points of mineral oils. 2,204,967; June 18.
Moser, Franz R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Motor fuel composition. 2,218,135; Oct. 15.
Moser, Franz R., and D. R. Nijk, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Extreme pressure lubricant. 2,194,478; Mar. 26.
Moser, Franz R., Amsterdam, Netherlands, and M. C. Tuyn, Singapore, Straits Settlements, assignors to Shell Development Company, San Francisco, Calif. Extreme pressure lubricant. 2,214,379; Sept. 10.
Moser, Franz R., Amsterdam, Netherlands, and M. C. Tuyn, Pladjoe, Dutch East Indies, assignors to Shell Development Company, San Francisco, Calif. Extreme pressure lubricant. 2,219,164; Oct. 22.
Moser, Jesse R. (See Vickers, H. F., Moser, and Martin.)
Moser, Jesse R., assignor to Vickers Incorporated, Detroit, Mich. Pipe joint. 2,207,518; July 9.
Moses, Graham L. (See Austin, B. O., and Moses.)
Moses, Graham L., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Shield for electrical apparatus. 2,223,737; Dec. 3.
Moses, Lionel B., Crystal Lake, assignor to Richards, Boggs & King, Inc., Chicago, Ill. Pad. 2,222,782; Nov. 26.
Mosher, Arthur M., Chicago, Ill. Center punch gauge. 2,197,505; Apr. 16.
Mosher, Asa H., Westfield, N. J. Battery filling device. 2,209,788; July 30.
Mosher, High H., Nutley, N. J., and B. Uzunoff, New York, N. Y., assignors to The Richards Chemical Works, Incorporated, Jersey City, N. J. Scrooping process. 2,190,331; Feb. 13.
Mosher, Leslie V. (See Johnson, F. V., and Mosher.)
Mosher, Leslie V., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Material handling apparatus. 2,225,076; Dec. 17.

Moskovits, Nicolaus, assignor to Agricultural and Chemical Works Public Company Limited by Shares, Budapest, Hungary. Manufacturing esters. 2,198,946; Apr. 30.
Moskowitz, Charles J., Wallington, and R. Emptage, Palisades Park, N. J., assignor to United States Rubber Company, New York, N. Y. Label. 2,188,981; Feb. 6.
Mosler Ignition Corporation. (See Kasarjian, Armen A., assignor.)
Mosler Lock Company, The. (See Hirn, Charles M., assignor.)
Mosley, Alfred J., Aurora, Ill. Screening device. 2,219,453; Oct. 29.
Mosley, Carl E., Richmond Heights, assignor to W. N. Matthews Corporation, St. Louis, Mo. Fuse. 2,193,203; Mar. 12.
Mosley, John H. (See Kimball, W. D., Braren, and Mosley.)
Mosley, John H., and M. McFaull, Jackson Heights, assignors to Standard-Knapp Corporation, Long Island City, N. Y. Machine for feeding cans to labeling machines. 2,226,068; Dec. 24.
Mosley, Thomas, Lawton, Okla. Device for cleaning waste pipes. 2,202,116; May 28.
Moss, Benjamin, Manitowoc, Wis. Time clock. 2,191,770; Feb. 27.
Moss, Douglas G. K., Sanderstead, assignor to Mechanism Limited, Croydon, England. Gyroscopic navigational instrument. 2,220,457; Nov. 5.
Moss, Eric B., assignor to S. Smith & Sons (Motor Accessories), Limited, Cricklewood, London, England. Gyroscopic turn indicator for aircraft. 2,199,290; Apr. 30.
Moss, Harold H., assignor to The Diaphane Bag Corporation of Conn., Upper Darby, Pa. Package. 2,197,506; Apr. 16.
Moss, Henry V., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Stabilized reactive salt mixture. 2,222,830; Nov. 26.
Moss, Herbert H., Brooklyn, and J. R. Dawson, Flushing, N. Y., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Reconditioning metal. 2,194,909; Mar. 26.
Moss, John B., Providence, assignor to Kennecott Wire and Cable Company, Phillipsdale, R. I. Device and method for cleaning or drying wire and other strand material. 2,194,565; Mar. 26.
Moss, Perry M., Long Beach, Calif. Draw works line controller. 2,190,880; Feb. 20.
Moss, Samuel H. (See Nekton, Herman T., assignor.)
Moss, William H., London, England, assignor to Celanese Corporation of America. Manufacture of phenol-ketone condensation products. 2,211,070; Aug. 13.
Moss, William H., London, England, assignor to Celanese Corporation of America. Laminated or reinforced material. 2,211,071; Aug. 13.
Moss, William H., London, England, assignor to Celanese Corporation of America. Manufacture of artificial materials. 2,223,527; Dec. 3.
Mossberg, Frank, Attleboro, Mass. Beam head. 2,188,086; Jan. 23.
Mossberg Pressed Steel Corporation. (See Olson, Robert V., assignor.)
Mossberg Pressed Steel Corporation. (See Olson, R. V., and Johnson, assignors.)
Mosshart, Donald J., Springfield, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Combustion apparatus. 2,201,241; May 21.
Mosshart, Donald J., Springfield, Pa., assignor of one-half to H. F. Hildreth, Long Meadow, Mass. Combustion apparatus. 2,204,317; June 11.
Most, Lucifer J., Arlington, N. J. Mechanical pencils. Re. 21,428; Apr. 16.
Mosthaf, Edwin, Fostoria, Ohio. Apparatus for and method of gapping spark plugs. 2,215,333; Sept. 17.
Mostny, Hans, Godoy Cruz, F. C. P. Mendoza, Argentina. Fruit vinegar. 2,224,059; Dec. 3.
Motcheck, John F., Jr., et al. (See Edick, Otto D., assignor.)
Mothes, Werner, Ludwigshafen-on-the-Rhine, Germany, assignor to E. Bilhuber, Inc., Orange, N. J. Theophylline and caffeine solution. 2,222,952; Nov. 26.
Motodent Inc. (See Moseley, Tomlinson I., assignor.)
Moto-Mower Company, The. (See George, Edwin S., assignor.)
Motoraktieselskapet Av 1935. (See Gross, Court, assignor.)
Motor Castings Company. (See Kulka, Frank M., assignor.)
Motor Improvements, Inc. (See Arnold, George A., assignor.)
Motor Improvements, Inc. (See Irwine, Robert L., assignor.)
Motor Improvements, Inc. (See Williams, Lewis W., assignor.)
Motor Improvements, Inc. (See Williams, L. W., and Arnold, assignors.)
"Motorkultur Aktiengesellschaft." (See von Meyenburg, Konrad, assignor.)
Motor Parts Company. (See Johnston, William G., assignor.)
Motor Products Corporation. (See Broomham, Richard W., assignor.)
Motor Products Corporation. (See Burrows, A. L., and Henricson, assignors.)
Motor Products Corporation. (See Henricson, Axel E., assignor.)
Motor Products Corporation. (See Kellogg, Homer G., assignor.)
Motor Products Corporation. (See Mackey, Henry W., assignor.)
Motor States Products Company. (See Keller, August, assignor.)
Motor Terminals, Inc. (See Fitch, Benjamin F., assignor.)
Motor Terminals, Inc. (See Fitch, B. F., Lane, and Norbom, assignors.)
Motor Wheel Corporation. (See Breese, James L., assignor.)
Motor Wheel Corporation. (See Horn, Harry J., assignor.)
Motor Wheel Corporation. (See Horn, H. J., and Hunt, assignors.)
Motor Wheel Corporation. (See Hunt, J Harold, assignor.)
Motor Wheel Corporation. (See Hunt, J H., and Horn, assignors.)
Motor Wheel Corporation. (See Jones, D. F., and Miller, assignors.)
Motor Wheel Corporation. (See Miller, John W., assignor.)
Motor Wheel Corporation. (See Stough, Charles R., assignor.)
Motor Wheel Corporation. (See Valjean, Ben, assignor.)
Motor Wheel Corporation. (See Van Halteren, Andrew S., assignor.)
Motor Wheel Corporation. (See Van Halteren, A. S., and Watson, assignors.)
Motor Wheel Corporation. (See Whitacre, Clarence J., assignor.)
Motsinger, Armand V. (See Monro, R., Motsinger, Scruton, and Little.)
Mott, Carl W. (See Benjamin, B. R., and Mott.)
Mott, Carl W. (See Lindgren, A. C., and Mott.)
Mott, Carl W., Rock Falls, Ill., assignor to International Harvester Company. Fluid-operated device. 2,194,209; Mar. 19.
Mott, Carl W., Rock Falls, Ill., assignor to International Harvester Company. Fluid device. 2,209,032; July 23.
Mott, Carl W., Rock Falls, Ill., assignor to International Harvester Company. Lifting mechanism for tractors. 2,222,115; Nov. 19.
Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Tractor jack. 2,222,116; Nov. 19.
Mott, Chester, Evanston, and M. L. Whaley, assignors to National Cylinder Gas Company, Chicago, Ill. Flame hardening. 2,218,827; Oct. 22.
Mott, Edward E. (See Morrison, L. A., and Mott.)
Mott, Louis F., Big Spring, Tex. Cow sucking preventer. 2,187,461; Jan. 16.
Mottern, Henry O., Elizabeth, N. J., assignor to Standard Oil Development Company. Detergent aid and preparing the same. 2,192,713; Mar. 5.
Mott-Smith, Lewis M., Houston, Tex. Constant temperature bath. 2,197,190; Apr. 16.
Motz, Eldon D., North Canton, Ohio. Vanity box. 2,202,744; May 28.
Moubis, Gerard C. A. M. (See Jonker, J. L. H., and Moubis.)
Mouchel, L. G., & Partners, Limited, et al. (See Elmer, Robert B., assignor.)
Mould, James A., Milwaukee, Wis. Motor. 2,219,816; Oct. 29.
Moulded Hair Company Limited, The, et al. (See Talalay, Josef A., assignor.)
Moulder, Jerry L., Toledo, Ohio, assignor to E. W. Bliss Company, Brooklyn, N. Y. Clutch control apparatus. 2,214,201; Sept. 10.
Moulding Patents Inc. (See Humphrey, Rogers I., assignor.)
Moule, Rex E., Detroit, Mich. Oil burner. 2,227,195; Dec. 31.
Moulsdale, W. E., & Co. Limited. (See Brown, Robert H., assignor.)
Moult, Eric S. (See Halford, F. B., and Moult.)
Moulthrop, Lembert H., Bridgeport, Conn. Electric soldering device. 2,187,806; Jan. 23.
Moulton, Harley C., Maplewood, assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Combined seaming and pinking machine. 2,194,148; Mar. 19.
Moulton, Harold R. (See Tillyer, E. D., and Moulton.)
Moulton, Harold R. (See Tillyer, E. D., Moulton, and Gunn.)
Moulton, Lloyd W., deceased, Syracuse, N. Y.; C. R. Ryan, administrator. Paper bottle cap or the like. 2,206,485; July 2.
Mounce, Whitman D., Houston, Tex., assignor to Standard Oil Development Company. Measurement of acoustical properties of materials. 2,200,476; May 14.
Mounce, Whitman D., and W. M. Rust, Jr., Houston, Tex., assignors to Standard Oil Development Company. Making electrical measurements. 2,221,951; Nov. 19.
Mounce, Whitman D., and W. M. Rust, Jr., Houston, Tex., assignors to Standard Oil Development Company. Earth impedance measuring device. 2,222,182; Nov. 19.

Mound, William H., Struthers, Ohio. Wheel sled. 2,195,656; Apr. 2.
Moundsdon, Russell L., Alexandria, Minn. Weather strip. 2,187,476; Jan. 16.
Mount, Walter M., Tulsa, Okla. Gas and liquid separator. 2,221,989; Nov. 19.
Mountain, Tom L. (See Weinwright, C. H., Mountain, and Deans.)
Mountford, William J., Houston, Tex. Fire detector and extinguisher. 2,214,307; Sept. 10.
Mountjoy, Garrard. (See Anderson, E. I., and Mountjoy.)
Mountjoy, Garrard, Bayside, N. Y., assignor to Radio Corporation of America. Receiver selectivity control circuit. 2,194,566; Mar. 26.
Mountjoy, Garrard, Bayside, Long Island, N. Y., assignor to Radio Corporation of America. Tuned ultra high frequency amplifier. 2,207,933; July 16.
Mountjoy, Garrard, Manhasset, N. Y., assignor to Radio Corporation of America. Noise limiting circuit. 2,200,036; May 7.
Mountjoy, Garrard, Manhasset, N. Y., assignor to Radio Corporation of America. Automatic frequency control system. 2,207,934; July 16.
Mountjoy, Garrard, Manhasset, N. Y., assignor to Radio Corporation of America. Low capacity antenna coupling network. 2,216,540; Oct. 1.
Mountjoy, Garrard, Manhasset, N. Y., assignor to Radio Corporation of America. Television receiver. 2,221,104; Nov. 12.
Mountjoy, Garrard, Manhasset, and E. W. Wilby, Westerleigh, Staten Island, N. Y., assignors to Radio Corporation of America. Automatic volume control circuit. 2,200,037; May 7.
Mountjoy, Garrard, Manhasset, and C. W. Finnigan, Forest Hills, Long Island, N. Y., assignors to Radio Corporation of America. Automatic frequency control circuit. 2,200,038; May 7.
Mountstephen, Edred R., Southend-on-Sea, England. Automatic burglar, fire, or like alarm. 2,191,971; Feb. 27.
Mt. Vernon-Woodberry Mills, Inc. (See Whittier, Benjamin L., assignor.)
Mouromtseff, Ilia E., Montclair, N. Y., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Grid construction for radio tubes. 2,225,077; Dec. 17.
Mouromtseff, Ilia E., and H. N. Kozanowski, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Carbon grid for transmitting vacuum tubes. 2,193,600; Mar. 12.
Mouromtseff, Ilia E., Montclair, and G. R. Kilgore, Bloomfield, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transmitter. 2,217,447; Oct. 8.
Moutray, Grover C., Colorado Springs, and R. J. Pendergrast, Manitou Springs, Colo. Automatic bank alarm switch. 2,201,972; May 21.
Mo Valve Company, The. (See Aldous, William H., assignor.)
Mover, Hyman, Newton North, Mass. Hammock. 2,224,999; Dec. 17.
Movsesian, Edgar. (See Kamborian, J. S., and Movsesian.)
Mower Driving Corporation. (See Rogers, Daniel D., assignor.)
Mowery, John N., Worcester, Mass. Irrigation system. 2,215,932; Sept. 24.
Mowlds, Kenneth S., Baltimore, Md., assignor to The Glidden Company, Cleveland, Ohio. Sulphide pigment. 2,194,479; Mar. 26.
Mowlds, Kenneth S., Baltimore, Md., assignor to The Glidden Company, Cleveland, Ohio. Sulphide pigment. 2,195,117; Mar. 26.
Mowlds, Kenneth S., Baltimore, Md., assignor to The Glidden Company, Cleveland, Ohio. Sulphide pigment. 2,195,118; Mar. 26.
Mowlds, Kenneth S., Baltimore, Md., assignor to The Glidden Company, Cleveland, Ohio. Making pigments. 2,197,003; Apr. 16.
Mowrer, Charles L., Hagerstown, Md. Detachable nosepiece for bifocal eyeglasses. 2,220,000; Oct. 29.
Mowrey, Lester D., Wichita Falls, Tex. Rod line carrier. 2,208,468; July 16.
Mowrey, Lester D., Wichita Falls, Tex. Bailer dump bottom. 2,223,265; Nov. 26.
Mowry, Edward, Sterling, Ill., assignor to International Harvester Company. Tilling implement. 2,211,906; Aug. 20.
Moyen, Arthur J., Bridgton, Maine. Attachment for pie plates or pans. 2,222,512; Nov. 19.
Moyen, John G. (See Pengilly, J. H., Moyen, Duvall, and Maechtlen.)
Moyer, Amos F. (See Bishop, G. F., and Moyer.)
Moyer, Amos F., assignor to Toro Manufacturing Corporation of Minnesota, Minneapolis, Minn. Balanced mechanism for converting rotary in reciprocatory motions and vice versa. 2,190,161; Feb. 13.
Moyer, Amos F., assignor to Toro Manufacturing Corporation of Minnesota, Minneapolis, Minn. Power mower. 2,204,254; June 11.
Moyer, Amos F., assignor to Toro Manufacturing Corporation of Minnesota, Minneapolis, Minn. Lawn mower. 2,204,255; June 11.
Moyer, Elmo E. (See Bedford, B. D., and Moyer.)
Moyer, Elmo E., Scotia, N. Y., assignor to General Electric Company. Electric control system. 2,190,756; Feb. 20.
Moyer, Elmo E., Scotia, N. Y., assignor to General Electric Company. Electric valve circuit. 2,190,757; Feb. 20.
Moyer, Elmo E., Scotia, N. Y., assignor to General Electric Company. Starting circuit for electric valve apparatus. 2,190,799; Feb. 20.
Moyer, Elmo E., Scotia, N. Y., assignor to General Electric Company. Electric control system. 2,195,120; Mar. 26.
Moyer, Elmo E., Scotia, N. Y., assignor to General Electric Company. Electric valve circuits. 2,195,121; Mar. 26.
Moyer, Elmo E., Scotia, N. Y., assignor to General Electric Company. Temperature controlling system for electrical apparatus. 2,196,022; Apr. 2.
Moyer, Elmo E., Scotia, N. Y., assignor to General Electric Company. Electric regulating system. 2,209,232; July 23.
Moyer, Elmo E., Scotia, N. Y., assignor to General Electric Company. Electric control circuit. 2,209,233; July 23.
Moyer, Elmo E., Scotia, and O. W. Livingston, Schenectady, N. Y., assignors to General Electric Company. Electric control system. 2,195,119; Mar. 26.
Moyer, Howard R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Composite pulley. 2,198,831; Apr. 30.
Moyer, Richard E. (See Slayton, E. T., and Moyer.)
Moyer, Wendell W., Syracuse, assignor to The Solvay Process Company, New York, N. Y. Production of sulphonated fatty acids. 2,195,186; Mar. 26.
Moyer, Wendell W., Decatur, Ill., assignor to The Solvay Process Company, New York, N. Y. Production of sulphonation derivatives. 2,195,187; Mar. 26.
Moyer, Wendell W., Decatur, Ill., assignor to The Solvay Process Company, New York, N. Y. Production of sulphonation derivatives. 2,195,188; Mar. 26.
Moyer, Wendell W., Decatur, Ill., and W. C. Klingelhoefer, assignors to The Solvay Process Company, New York, N. Y. Oxidation of hydrocarbons to phenols. 2,223,383; Dec. 3.
Moyers, Robert D. (See Fischer, A. C., and Moyers.)
Moyle, Clarence L. (See Bass, S. L., Kauppi, and Moyle.)
Moyle, Clarence L. (See Britton, E. C., and Moyle.)
Moyle, Clarence L. (See Coleman, G. H., and Moyle.)
Moyle, Clarence L. (See Livak, J. E., Coleman, and Moyle.)
Moyle, Clarence L., assignor to The Dow Chemical Company, Midland, Mich. Mixed triaryl phosphites. 2,220,113; Nov. 5.
Moyle, Clarence L., assignor to The Dow Chemical Company, Midland, Mich. Aromatic phosphites. 2,220,845; Nov. 5.
Moyle, Clarence L., assignor to The Dow Chemical Company, Midland, Mich. Organic phosphates. 2,223,329; Nov. 26.
Moyle, Clarence L., assignor to The Dow Chemical Company, Midland, Mich. Complex organic phosphate. 2,225,285; Dec. 17.
Moyle, Clarence L., and E. M. Van Duzee, deceased; C. H. Macomber, administrator, assignors to The Dow Chemical Company, Midland, Mich. Di-alkyl phenols 2,207,753; July 16.
Mraz, Stephen A. (See Ellingwood, F. F., and Mraz.)
Mruk, Laudie J., Milwaukee, Wis. Interchangeable self-cleaning rake. 2,187,985; Jan. 23.
Muchnic, Henry E., assignor to The Locomotive Finished Material Company, Atchison, Kans. Cross head. 2,192,014; Feb. 27.
Muchnic, Henry E., assignor to The Locomotive Finished Material Company, Atchison, Kans. Truck. 2,197,110; Apr. 16.
Muckenhirn, Ottilie, Basel, Switzerland. Brush, mop, and the like. 2,205,535; June 25.
Muckey, Lawrence A., Mapleton, Iowa. Fishing rod. 2,187,807; Jan. 23.
Mudford, Harry D., Blackley, Manchester, England, assignor, by mesne assignments, to National Lead Company, New York, N. Y. Pigments for use in manufacture of artificial silk. 2,202,594; May 28.
Mudgett, Ralph D., Oakdale, Conn. Pin cushion. 2,205,536; June 25.
Mudon, Thomas J., Hammond, Ind. Switch. 2,202,297; May 28.
Muehlbauer, Fritz, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline & Film Corporation. Production of phthalocyanine pigments. 2,212,924; Aug. 27.
Muehlhofer, Richard, Montainside, N. J. Fermentation vat and lining therefor. 2,206,421; July 2.
Muehter, Manfred W., Nutley, N. J., assignor to American District Telegraph Company, Jersey City, N. J. Reverse current signaling system. 2,215,187; Sept. 17.
Mueller, Anton J. and P. W., St. Louis, Mo. Garment stretcher. 2,209,130; July 23.
Mueller Brass Company. (See Gray, John E., assignor.)
Parker, assignors.)
Mueller Brass Co. (See Gray, J. E., Devereaux, and
Mueller, Carl, Chicago, Ill. Expansion coupling. 2,192,048; Feb. 27.
Mueller, Carl M. (See Seel, J. L., and Mueller.)
Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Blind stitch sewing machine. 2,188,228; Jan. 23.

Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Work support for blind stitch sewing machines. 2,188,229; Jan. 23.
Mueller, Charles W., St. Louis, Mo., assignor to Lewis Invisible Stitch Machine Company. Blind stitch sewing machine. 2,189,433; Feb. 6.
Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Blind stitch sewing machine. 2,194,149; Mar. 19.
Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Automatic tension release for blind stitch sewing machines. 2,199,751; May 7.
Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Work support for sewing machines. 2,211,286; Aug. 13.
Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Blind stitch sewing machines. 2,221,148; Nov. 12.
Mueller Co. (See Armstrong, David, assignor.)
Mueller Co. (See Fawley, Elmer H., assignor.)
Mueller Co. (See Larry, T. A., and Cline, assignors.)
Mueller Co. (See Mueller, Frank H., assignor.)
Mueller Co. (See Mueller, F. H., Bowan, and Fawley, assignors.)
Mueller Co. (See Mueller, F. H., and Pippin, assignors.)
Mueller Co. (See Mueller, Robert H., assignor.)
Mueller Co. (See Reedy, Emmett M., assignor.)
Mueller Co. (See Wilkins, James M., assignor.)
Mueller-Cunradi, Martin, Ludwigshafen-on-the-Rhine, and M. Otto, Oppau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Polymers of high molecular weight and producing same. 2,203,873; June 11.
Mueller-Cunradi, Martin, and W. Daniel, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Jasco, Incorporated. Shaped elastic masses. 2,211,429; Aug. 13.
Mueller, Emil C., assignor to The John Gabel Manufacturing Company, Chicago, Ill. Control mechanism. 2,217,845; Oct. 15.
Mueller, Emil G., assignor to The American Brake Company, Swissvale, Pa. Brake rigging. 2,199,111; Apr. 30.
Mueller, Emil G., assignor to The American Brake Company, Swissvale, Pa. Brake mechanism. 2,210,038; Aug. 6.
Mueller, Emil G., assignor to The American Brake Company, Swissvale, Pa. Brake rigging. 2,211,150; Aug. 13.
Mueller, Erich O., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Enclosure for railway motors. 2,200,119; May 7.
Mueller, Erich O., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor ventilating system. 2,214,592; Sept. 10.
Mueller, Erich O., Irwin, and D. B. Charters, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Railway motor frame. 2,205,219; June 18.
Mueller, Ervin H., Grosse Pointe, Mich. Locking valve. 2,194,714; Mar. 26.
Mueller, Ervin H., Grosse Pointe Park, Mich. Gas burner. 2,215,711; Sept. 24.
Mueller, Ervin H., Grosse Pointe Park, Mich. Throttling valve. 2,225,755; Dec. 24.
Mueller, Ervin H., Grosse Pointe, Mich. Valve structure. 2,217,963; Oct. 15.
Mueller, Ervin H., Detroit, Mich. Valve handle. 2,220,346; Nov. 5.
Mueller, Ferdinand, New York, N. Y. Electric outlet box. 2,203,026; June 4.
Mueller, Frank H., assignor to Mueller Co., Decatur, Ill. Valve. 2,210,335; Aug. 6.
Mueller, Frank H., W. J. Bowan, and E. H. Fawley, assignors to Mueller Co., Decatur, Ill. Pipe connection and sealing member. 2,199,647; May 7.
Mueller, Frank H., and C. Pippin, assignors to Mueller Co., Decatur, Ill. Valve. 2,222,626; Nov. 26.
Mueller, Frederick K., Berwyn, Ill. Ironing machine. 2,217,522; Oct. 8.
Mueller, George A., University City, Mo. Necktie. 2,186,591; Jan. 9.
Mueller, George, F. A. Fechner, and K. D. Young, Salt Lake City, Utah. Sanitary display carton. 2,193,237; Mar. 12.
Mueller, Harald C., Evanston, assignor to The Powers Regulator Company, Chicago, Ill. Damper control for unit heaters. 2,213,092; Aug. 27.
Mueller, Henry, and G. B. Bosco, Chicago, Ill. Form hanging device. 2,215,972; Sept. 24.
Mueller, Hilbert C. (See Madsen, S., and Mueller.)
Mueller, Homer L., assignor to The Cleveland Welding Company, Cleveland, Ohio. Steering wheel. 2,193,639; Mar. 12.
Mueller, Joachim. (See Berthold, E., and Mueller.)
Mueller, John H., Buffalo, N. Y. Pouring spout for milk bottles. 2,197,766; Apr. 23.
Mueller, L. J., Furnace Company. (See Jones, E. A., Lavorgna, Westmont, and Olson, assignors.)
Mueller, Louis A., assignor to The Springfield Leather Products Company, Springfield, Ohio. Billfold. 2,186,650; Jan. 9.
Mueller, Louis C., Richmond Hill, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Concentric conductor transmission line. 2,218,921; Oct. 22.
Mueller, Louis J., Martinsburg, W. Va., assignor to The Standard Lime and Stone Company, Baltimore, Md. Rotary kiln. 2,204,145; June 11.
Mueller, Moritz L., Grosse Pointe, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Warm air furnace. 2,193,735; Mar. 12.
Mueller, Moritz L., Grosse Pointe, Mich., assignor to Borg-Warner Corporation. Conversion combustion chamber. 2,197,619; Apr. 16.
Mueller, Moritz L., Grosse Pointe, and G. R. Neumann, St. Clair Shores, Mich., assignors to Borg-Warner Corporation, Chicago, Ill. Combustion. 2,219,696; Oct. 29.
Mueller, Otto, Dearborn, assignor to The Murray Corporation of America, Detroit, Mich. Latch hinge construction. 2,188,393; Jan. 30.
Mueller, Paul M., Rome, assignor to General Cable Corporation, New York, N. Y. Apparatus for drawing wire. 2,220,048; Oct. 29.
Mueller, Peter W. (See Mueller, Anton J. and P. W.)
Mueller, Reinhold F. H., Jefferson City, Mo. Device for cleaning and polishing dental plates, etc. 2,210,094; Aug. 6.
Mueller, Robert H., assignor to Mueller Co., Decatur, Ill. Faucet. 2,210,375; Aug. 6.
Mueller, Robert W., Milwaukee, and H. G. Bernsee, Wauwatosa, assignors to Milwaukee Gas Specialty Company, Milwaukee, Wis. Valve actuator for floor furnaces. 2,198,455; Apr. 23.
Mueller, Wesley J., West Allis, and I. R. Smith, assignors to Sterling Wheelbarrow Company, Milwaukee, Wis. Cart. 2,189,079; Feb. 6.
Mueller, William A., Sr., Decatur, Ill. Emergency switch. 2,198,677; Apr. 30.
Mueller, V., & Co. (See Wallerich, George W., assignor.)
Muench, Wilhelm. (See Keunecke, E., and Muench.)
Muenzer, Frank X., assignor to The Multiplex Concrete Machinery Company, Elmore, Ohio. Concrete block machine. 2,193,879; Mar. 19.
Mues, Otto. (See Holler, H., and Mues.)
Muffly, Gary, Oakmont, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Seismograph prospecting. 2,217,806; Oct. 15.
Mugdan, Martin, and J. Sixt, Munich, assignors to Consortium fur Elektrochemische Industrie, G. m. b. H., Munich, Bavaria, Germany. Producing diketen. 2,216,450; Oct. 1.
Mugford, Harold J., assignor to The Wicaco Machine Corporation, Philadelphia, Pa. Chemical pump. 2,197,730; Apr. 16.
Muggleton, Gerald D., assignor to Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis. Process and apparatus for coating paper. 2,214,772; Sept. 17.
Mühlau, Willy. (See Oehninger, S., and Mühlau.)
Mühlberg, Ernst. (See Rethel, W., Laute, and Mühlberg.)
Muhlethaler, Th., S. A. (See Quaglia, Jacques, assignor.)
Mühlhausen, Kornelius. (See Sandhaas, W., Daniel and Mühlhausen.)
Muir, Barton R. (See Lee, H. E., and Muir.)
Muir, Donald E., Sunnyside, Wash. Potato washer. 2,216,498; Oct. 1.
Muir, Herbert H., Chicago, Ill. Grading screen. 2,190,993; Feb. 20.
Muir, James A. (See Austin, H. M., and Muir.)
Muir, L. R., et al. (See Shannon, Charles R., assignor.)
Muir, Margaret L. (See Roberts, John G., assignor.)
Muir, Walter, Schenectady, N. Y., assignor to General Electric Company. Electrical switch. 2,187,792; Jan. 23.
Muir, William P., Montreal, assignor to Dominion Engineering Works, Limited, Lachine, Quebec, Canada. Hydraulic apparatus for operating machine tools and the like. 2,223,792; Dec. 3.
Muirhead, Donald M., Duxbury, Mass. Structural block and wall construction. 2,198,011; Apr. 23.
Muker, Martin, Long Beach, Calif. Stringer for vegetables and the like. 2,210,769; Aug. 6.
Mukerjee, Mirt. (See Kuiper, G. C. R., and Mirt.)
Mulcahy, Edward H., assignor to Erie Resistor Corporation, Erie, Pa. Machine for die-casting bezels for fragile inserts. 2,193,935; Mar. 19.
Mulcey, Paul A., Aldan, Pa. Prepared fire kindler. 2,206,362; July 2.
Mulch, Hans Wetzlar-Niedergirmes, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Projection apparatus. 2,188,954; Feb. 6.
Mulder, Johannes G. W. (See Jurriaanse, T., and Mulder.)
Mulderink, Henry A., South Bend, and M. Drinkall, Portage Township, St. Joseph County, assignors, to Mastic Asphalt Corporation, South Bend, Ind. Building corner. 2,219,723; Oct. 29.
Muldoon, Bernard F., Mountain View, N. J., assignor to H. Hyman, Brooklyn, N. Y. Electric device. 2,224,742; Dec. 10.
Mulford, Henry K., E. S. Paisley, and A. F. Peters, assignors to The National Drug Company, Philadelphia, Pa. Closure for dispensing containers. 2,202,163; May 28.

Mulford, Logan W., Kew Gardens, N. Y. Roof light and grille therefor. 2,199,244; Apr. 30.
Mulford, Logan W., Kew Gardens, N. Y. Building block. 2,221,649; Nov. 12.
Mulholland, David E., Reading, Pa. Polishing machine. 2,187,462; Jan. 16.
Mulholland, David E., Reading, Pa. Polishing machine. 2,187,463; Jan. 16.
Mulholland, Vergil, West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for making glass. 2,203,269; June 4.
Mulka, Friedrich, Dortmund, Germany. Screw feed mechanism. 2,215,107; Sept. 17.
Mullan, William E., U. S. Navy. Clock synchronizing and setting device. 2,198,632; Apr. 30.
Mullaney, Richard L., West Hartford, assignor to The Whitney Chain & Mfg. Company, Hartford, Conn. Portable chain vise. 2,207,892; July 16.
Mullen, E. R., et al. (See Strawn, Raymond W., assignor.)
Mullen, James A. (See Assmuth, J., and Mullen.)
Mullen, James F. (See Timms, R. T., and Mullen.)
Mullen, Thomas W., assignor to Bowes Seal Fast Corporation, Indianapolis, Ind. Valve. 2,223,636; Dec. 3.
Müller, Adolf. (See Fleischhauer, R., and Müller.)
Müller, Carl J. (See Kranzlein, G., Kirst, and Müller.)
Müller, Carl W., Dresden-Weisser Hirsch, Germany. Tobacco spreading means for cigarette forming machines. 2,195,780; Apr. 2.
Muller, Carl W., Osborn, Ohio. Fuel tank selector simulating single or multiple fuel tank supply for ground trainers. 2,218,546; Oct. 22.
Muller, Charles A., assignor of one-half to H. O. Schmidt, Pueblo, Colo. Metal street light shade. 2,217,562; Oct. 8.
Muller, Charles J. (See Louisot, F. H., and Muller.)
Muller, Conrad D., Niles Township, Berrien County, Mich., and A. Z. Bender, Chicago, Ill.; said Bender assignor to said Muller. Bowl cleaner. 2,196,935; Apr. 9.
Muller, Edward A., Kew Gardens, N. Y. Reflector. 2,218,291; Oct. 15.
Muller, Edward A., Long Island City, N. Y. Wrapping and sealing machine. 2,218,292; Oct. 15.
Muller, Edward A., Long Island City, N. Y. Apparatus for wrapping articles. 2,218,293; Oct. 15.
Muller, Egon N., Esch Alzette, Luxemburg. Automatic tuning device for radio receivers. 2,207,467; July 9.
Muller, Egon N., Esch Alzette, Luxemburg. Control device for radio receivers. 2,216,451; Oct. 1.
Muller, Ernest, San Leandro, Calif. Micrometer. 2,220,378; Nov. 5.
Muller, Ernest, Oakland, Calif. Inside caliper. 2,223,182; Nov. 26.
Müller, Erwin, Eichwalde, near Berlin, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Cathode. 2,217,448; Oct. 8.
Muller, Frederick R., Carteret, and W. T. Monson, Newark, N. J., assignors to The American Metal Company, Limited, New York, N. Y. Apparatus for stirring molten metal. 2,195,092; Mar. 26.
Müller, Frieda geb Mainusch, Berlin-Charlottenburg, Germany. Shirt. 2,188,056; Jan. 23.
Müller, Fritz. (See Schumacher, W., Scherer, and Müller.)
Müller, Georg, Leipzig, Germany. Head for barrels. 2,208,773; July 23.
Müller, Gustav, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Protective means for electric circuit. 2,188,792; Jan. 30.
Müller, Hans, Berlin-Wilmersdorf, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemens-Stadt, Germany. Manufacturing artificial material from polyvinyl compounds. 2,198,970; Apr. 30.
Müller, Heinrich, Nuremberg, Germany. Garage and vehicle toy. 2,188,739; Jan. 30.
Müller, Heinrich, Nuremberg, Germany. Toy automobile. 2,223,119; Nov. 26.
Müller, Heinz O., Berlin-Pankow, assignor to "Fides" Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung, Berlin, Germany. Device for sluicing bodies into vacuum chambers. 2,215,794; Sept. 24.
Müller, Helmuth, and A. Pischinger, Cologne, assignors, by mesne assignments, to Klocker-Humboldt-Deutz, A. G., Cologne-Deutz. Germany. Fuel injection device. 2,206,914; July 9.
Muller, J. C., N. Y. (See Herrmann, Paul J., assignor.)
Muller, J. C., N. Y. (See Jähne, Ernst H., assignor.)
Muller, J. C., N. Y. (See Jähne, E. H., and Schleehahn, assignors.)
Muller, Jacques, La Garenne Colombes, France. Apparatus for closing tanks. 2,189,991; Feb. 13.
Muller, Johan A., Mansfield, Ohio, assignor to The Hydraulic Press Corp., Inc., Wilmington, Del. Press with fluid-conducting strain rod. 2,217,025; Oct. 8.
Muller, Johan A., Mount Gilead, Ohio, assignor to The Hydraulic Press Corp. Inc., Wilmington, Del. Press with overstroke preventing means. 2,223,223; Nov. 26.
Muller, Johann C. (See Jorke, Karl E. P., assignor.)
Müller, Johann C. (See Schmiedel, Johannes, assignor.)
Muller, Johann Carl. (See Herrmann, Paul J., assignor.)
Müller, John, Philadelphia, Pa., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Butyl-acetone fermentation process and inoculant. 2,195,629; Apr. 2.
Muller, John, Waldwick, assignor to Peerless Roll Leaf Co., Inc., Union City, N. J. Stamping press for rotatable articles. 2,218,798; Oct. 22.
Muller, John A., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Braiding machine. 2,197,111; Apr. 16.
Müller,, Josef, Bergisch-Gladbach, Germany. Foam-producing device for fire extinguishing purposes. 2,218,294; Oct. 15.
Müller, Konrad, Berlin, Germany. Multiple tool holder. 2,202,117; May 28.
Müller, Konrad, Berlin-Spandau, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Electromagnetic relay. 2,186,340; Jan. 9.
Müller, Konrad, Berlin-Spandau, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Telephone switch. 2,194,051; Mar. 19.
Müller, Konrad, Berlin-Spandau, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Motor driven switch. 2,200,803; May 14.
Müller, Konrad, Berlin-Spandau, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Motor driven switch. 2,200,804; May 14.
Muller, Lloyd E., Flint, assignor to General Motors Corporation, Detroit, Mich. Exhaust silencer. 2,191,619; Feb. 27.
Muller, Lloyd E., Flint, assignor to General Motors Corporation, Detroit, Mich. Resonator silencer. 2,191,620; Feb. 27.
Muller, Max. (See Funcke, Carl, assignor.)
Müller, Otto. (See Taube, C., Stüsser, and Müller.)
Muller, Otto, New York, N. Y. Adjustable pipe fitting. 2,224,521; Dec. 10.
Müller, Otto E., et al. (See Kormann, Franz, assignor.)
Müller, Paul. (See Steinbauer, W., Kother, and Müller.)
Müller, Paul, Neu-Allschwil, near Basel, assignor to the firm of J. R. Geigy A. G., Basel, Switzerland. Cyano and thiocyano compounds and their manufacture. 2,214,971; Sept. 17.
Müller, Richard, and H. Lee,assignors to Chemische Fabrik von Heyden, A. G., Radebeul, near Dresden, Germany. Manufacture of thorium oxide and contact masses therefrom. 2,202,637; May 28.
Müller, Robert, Leoben, Styria, Austria, assignor to Gesellschaft Zur Verwertung Chemisch Technischer Verfahren, Vaduz, Liechtenstein. Producing pure magnesium compounds. 2,216,402; Oct. 1.
Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Paper equipment for calculating machines. 2,192,324; Mar. 5.
Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Paper equipment for calculating machines. 2,202,595; May 28.
Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,202,596; May 28.
Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,222,681; Nov. 26.
Müller und Wagner, Modell u. Maschinenbau. (See Wagner, Heinrich, assignor.)
Müller, Werner, Cologne, and W. Schepss, Leverkusen I. G.-Werk, Germany, assignors to General Aniline & Film Corporation. Basic triarylmethane dyes. 2,191,674; Feb. 27.
Müller, Werner, Cologne, O. Wahl, Leverkusen, and E. Teupel, Schkopau, Germany, assignors to General Aniline & Film Corporation. Polymethine dyestuffs. 2,196,162; Apr. 2.
Müller, Werner, Cologne, and C. Berres, Leverkusen-Wiesdorf, Germany, assignors to General Aniline & Film Corporation. Dyestuffs of the methane series. 2,206,108; July 2.
Muller, William F., Brooklyn, assignor to W. A. Force, III, New York, N. Y. Electrical endorsing machine. 2,185,797; Jan. 2.
Muller, William G., Floral Park, N. Y. Toy. 2,199,161; Apr. 30.
Müller, Willy, Munich, Germany, assignor to Elwa-Elektro Aktiengesellschaft, Zurich, Switzerland. Lifting platform. 2,211,474; Aug. 13.
Müller, Wolf J., and M. Niessner, assignors to Oesterreichische Dynamit Nobel Aktiengesellschaft, Vienna, Germany. Copper-zinc alloys. 2,206,109; July 2.
Müller-Ernesti, Rolf, assignor to Licentia Patent-Verwaltungs-Gesellschaft, Berlin, Germany. Magnetic sound recording. 2,210,770; Aug. 6.
Muller-Hillebrandt, Dietrich. (See Kleindienst, A., and Muller-Hillebrandt.)
Mullett, Howard A., assignor to Bradley Washfountain Company, Milwaukee, Wis. Foot controlled washfountain. 2,187,521; Jan. 16.
Mullinix, Gird E., Vernon, assignor to Byron Jackson Co., Huntington Park, Calif. Well pipe elevator. 2,215,649; Sept. 24.
Mullins Manufacturing Corporation. (See Duke, William O., assignor.)
Mullins Manufacturing Corporation. (See French, J. W., Andre, and Teachout, assignors.)
Mullins Manufacturing Corporation. (See Hinsdale, Clare L., assignor.)

Mullins Manufacturing Corporation. (See Liner, Robert I., assignor.)
Mullins, Samuel A., Beaumont, Tex. Fluid taking tool for oil wells or the like. 2,201,447; May 21.
Müllner, Friedrich, Berlin, Germany, assignor to General Electric Company. Mixing device. 2,218,433; Oct. 15.
Mulloy, Harold D. (See Cassen, F., and Mulloy.)
Mulloy, Mary E., Denver, Colo. Harness for bedclothes. 2,188,576; Jan. 30.
Mulloy, Ollie L. (See Blanchard, A. G., and Mulloy.)
Mulloy, Ollie L. (See Peters, T. R., and Mulloy.)
Mulloy, Ollie L., and R. D. Martin, assignors to A. G. Blanchard, Shreveport, La. Split clamp water gauge. 2,191,722; Feb. 27.
Mulnix, Ersel C., Chicago, Ill. Box. 2,189,920; Feb. 13.
Mulnix, Ersel C., Chicago, Ill. Box. 2,191,723; Feb. 27.
Multiple Valve & Manufacturing Company, The. (See Schoettinger, G., and Oweger, assignors.)
Multiplex Concrete Machinery Company, The. (See Muenzer, Frank X., assignor.)
Multiplex Faucet Company. (See Jackson, Charles G., assignor.)
Multi Vue Signs Company. (See White, Ernest C., assignor.)
Mulvaney, James S., Rexford Park, N. Y. Cleaning motors. 2,222,513; Nov. 19.
Mulvany, Harry A., Berkeley, Calif. Thermostat. 2,197,276; Apr. 16.
Mulvany, Harry A., Berkeley, Calif. Processing and precooling eggs. 2,221,343; Nov. 12.
Mulvany, Harry A., Berkeley, Calif. Cleaning machine. 2,225,482; Dec. 17.
Mumford, Charles M. (See Mallory, Charles S. and H. C., Marble, and Mumford.)
Mumford, Earl. (See Mumford, Melvin H., assignor.)
Mumford, Melvin H., assignor of three-eighths to E. Mumford, Henryetta, Okla. Carton. 2,194,669; Mar. 26.
Mumma, Harold J., Glendale, assignor to Ahlburg Company, Los Angeles, Calif. Totalizing device. 2,213,346; Sept. 3.
Mummert, Arden J., University City, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Piston expander. 2,204,025; June 11.
Mumper, Hewlings, et al. (See Goodwin, Norris, assignor.)
Munch, Hans S., and M. G. Boerger, assignors to Modine Manufacturing Company, Racine, Wis. Apparatus for straightening and squaring radiator cores. 2,185,381; Jan. 2.
Muncie, Fred W., New Brunswick, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Detergent and emulsifying agent. 2,209,634; July 30.
Muncie, Fred W., New Brunswick, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Reacting chemical materials. 2,210,175; Aug. 6.
Muncie, Fred W., New Brunswick, N. J., and K. L. Russell, New York, N. Y., assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Detergent. 2.204,433; June 11.
Mundet Cork Corporation. (See Ott, Frederick C. A., assignor.)
Mundy, William J., University City, assignor to C. T. Small Manufacturing Company, St. Louis, Mo. Conveyer. 2,198,594; Apr. 30.
Munford, Ellsworth H. (See Pinkerton, H. D., and Phenicie, assignors.)
Mungen, Theodore, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Identification card holder. 2,213,449; Sept. 3.
Munger, Earl A., assignor to Durham Manufacturing Company, Muncie, Ind. Table top. 2,192,145; Feb. 27.
Municipal Sanitary Service Corporation. (See Streander, Philip B., assignor.)
Munising Paper Company, The. (See Forman, Loren V., assignor.)
Munn, John, and A. H. Burnett, Chicago, Ill. Vacuum stripper for cartons. 2,221,990; Nov. 19.
Munns, Arthur R., et al. (See Thompson, Arthur C., assignor.)
Munro, George R., Massapequa, and N. H. Roy, assignors to Waugh Equipment Company, New York, N. Y. Cushioning mechanism. 2,208,338; July 16.
Munro, Harold W., Providence, R. I. Dental floss holder. 2,217,917; Oct. 15.
Munro, James, Lochiel, Southland, assignor to H. N. McLeod, Invercargill, New Zealand. Distributor. 2,193,373; Mar. 12.
Munroe, Treadway B., assignor to The Celotex Corporation, Chicago, Ill. Ceiling construction. 2,218,992; Oct. 22.
Munschauer, Frederick E. (See Munschauer, George E., and F. E.)
Munschauer, Frederick E., assignor to Niagara Machine and Tool Works, Buffalo, N. Y. Control mechanism for machines. 2,217,596; Oct. 8.
Munschauer, George E. (See Munschauer, Frederick E., and G. E.)
Munschauer, George E., and F. E. Munschauer, assignors to Niagara Machine and Tool Works, Buffalo, N. Y. Punch press. 2,213,450; Sept. 3.
Munschauer, George E., and F. E. Munschauer, assignors to Niagara Machine and Tool Works, Buffalo, N. Y. Punch press. 2,213,451; Sept. 3.
Munsell, William P., Coral Gables, Fla. Flowerpot for water-cultured plants. 2,205,303; June 18.
Munson, Arthur L., Toledo, Ohio. Indicator gauge attachment. 2,209,628; July 30.
Munson, Carl F. (See Jacobs, H. J., Dahlberg, and Munson.)
Munson, Clifford R., and A. R. Gross, St. Paul, Minn., said Gross assignor to said Munson. Receptacle holder. 2,203,632; June 4.
Munson, Howard B., assignor to Wilder & Company, Chicago, Ill. Heel breasting machine. 2,222,421; Nov. 19.
Munson, Howard C., Massena, N. Y. Drinking fountain. 2,220,421; Nov. 5.
Munson, Joseph J. (See Thomson, B. C., and Munson.)
Munson, Joseph J., Houma, La. Rolling mill. 2,204,434; June 11.
Munson, Joseph J., Houma, and B. C. Thomson, Labadieville, La. Machine for cutting sugar cane and the like. 2,220,793; Nov. 5.
Münster, Clemens. (See Eppenstein, O. M. I., and Münster.)
Munster, Walter N. (See Gurd, G. W., and Munster.)
Münz, Ferdinand, Frankfort-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Wetting agent for alkaline mercerizing solutions. 2,188,287; Jan. 23.
Münz, Karl. (See Rupprecht, F., and Münz.)
Munzer, William, Brooklyn, N. Y. Muffler. 2,218,063; Oct. 15.
Murad, Walter, San Carlos, Calif., assignor to General Electric Company. Mercury switch. Re. 21,673; Dec. 24.
Murch, John H. (See Hothersall, J. M., and Murch.)
Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Method of and apparatus for filling cans. 2,188,306; Jan. 30.
Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Making container parts. 2,188,916; Feb. 6.
Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Forming metallic containers. 2,204,549; June 18.
Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Adhesive applying machine. 2,220,943; Nov. 12.
Murch, John H., East Orange, and W. Pechy, Elizabeth, N. J., assignors to American Can Company, New York, N. Y. Temperature control mechanism. 2,205,429; June 25.
Murchison, Blackwell K., Brooklyn, assignor to Mastalign Corporation, New York, N. Y. Printing machine. 2,193,565; Mar. 12.
Murden, William T., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Bearing seal. 2,208,700; July 23.
Murdoch, Alexander, Jr., Philadelphia, Pa., assignor to Radio Corporation of America. Telephone set. 2,193,536; Mar. 12.
Murdock, Frederick D., Pawtucket, R. I., and H. D. Peck, Sharon, Mass., assignors to Murdock Webbing Company, Central Falls, R. I. Reeling ladder web for Venetian blinds. 2,225,921; Dec. 24.
Murdock, Harold R., assignor to The Champion Paper and Fibre Company, Canton, N. C. Pulp bleaching and refining process. 2,186,034; Jan. 9.
Murdock, James A., Chicago, Ill. Knife sharpener. 2,216,981; Oct. 8.
Murdock, James A., Chicago, Ill. Bottle closure 2,217,765; Oct. 15.
Murdock, James A., Chicago, Ill. Kitchen utensil and method of mounting blades. 2,220,169; Nov. 5.
Murdock, Lee, Waynesburg, Pa. Scaffold bracket. 2,195,579; Apr. 2.
Murdock Manufacturing and Supply Company, The. (See Bart, Thomas E., assignor.)
Murdock, Ralph J., Bloomville, N. Y. Animal stall. 2,220,666; Nov. 5.
Murdock Webbing Company. (See Murdock, F. D., and Peck, assignors.)
Mureau, Charles A., Los Angeles, Calif. Mirror for lipsticks and the like. 2,209,789; July 30.
Mureau, Charles A., Los Angeles Calif. Device for applying cosmetics. 2,214,144; Sept. 10.
Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,198,832; Apr. 30.
Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,198,833; Apr. 30.
Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,200,185; May 7.
Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Dry shaving implement. 2,200,186; May 7.
Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,204,146; June 11.
Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,205,905; June 25

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,206,551; July 2.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,223,294; Nov. 26.

Murphey, Floyd M., Adrian, Mich. Tufting machine. 2,193,109; Mar. 12.

Murphree, Eger V., Summit, N. J., assignor to Standard Oil Development Company. Catalyst regeneration. 2,199,837; May 7.

Murphree, Eger V., Summit, N. J., assignor to Standard Oil Development Company. Lubricating oil for Diesel engines. 2,227,149; Dec. 31.

Murphree, Eger V., Summit, and W. J. Sweeney, Elizabeth, N. J., assignors to Standard Oil Development Company. Solid lubricant composition. 2,191,675; Feb. 27.

Murphy, Alfred J., Petts Wood, and S. A. E. Wells, Teddington, England, assignors, by mesne assignments, to Electro Metallurgical Company, New York, N. Y. Aluminum-copper-nickel-magnesium alloy containing iron and columbium. 2,214,431; Sept. 10.

Murphy, Alfred J., Petts Wood, and S. A. E. Wells, Teddington, England, assignors, by mesne assignments, to Electro Metallurgical Company, New York, N. Y. Aluminum alloy containing copper, iron, and columbium. 2,214,432; Sept. 10.

Murphy, Alfred J., Petts Wood, and S. A. E. Wells, Teddington, England, assignors, by mesne assignments, to Electro Metallurgical Company, New York, N. Y. Aluminum alloy containing copper, silicon, iron, and columbium. 2,214,433; Sept. 10.

Murphy, Alphonsus F., Zanesville, assignor to The American Rolling Mill Company, Middletown, Ohio. Packaging coils for shipment and package structure. 2,212,180; Aug. 20.

Murphy, Arthur R., deceased, by M. R. Murphy, administratrix, Penns Grove, N. J., and S. S. Rossander, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo compounds. 2,191,800; Feb. 27.

Murphy, Arthur R., deceased; M. R. Murphy, administratrix, Penns Grove, N. J., and S. S. Rossander, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyazo dye compounds. 2,191,801; Feb. 27.

Murphy, Charles B., Meadville, Pa., assignor to Talon, Inc. Slide fastened article. 2,199,029; Apr. 30.

Murphy, Clarance L., Newton, Kans. Valve for an oil tank. 2,206,363; July 2.

Murphy, Clyde F., Los Angeles, Calif. Article holder. 2,211,023; Aug. 13.

Murphy, Donald F., Bristol, assignor to Röhm & Haas Company, Philadelphia, Pa. Combination insecticide composition. 2,203,919; June 11.

Murphy, Edward F., Irvington, N. Y. Game court. 2,225,458. Dec. 17.

Murphy, Frank L., Chicago, P. S. Westcott, Oak Park, and M. P. Winther, Waukegan, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Air conditioning system. 2,193,835; Mar. 19.

Murphy, Frank L., Chicago, P. S. Westcott, Oak Park, and M. P. Winther, Waukegan, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Air conditioning system for vehicles. 2,193,838; Mar. 19.

Murphy, Frederick F. (See Curtis, Walter A., assignor.)

Murphy, George B., and W. H. Hubner, Universal Oil Products Company, Chicago, Ill. Combustion of fuels. 2,203,838; June 11.

Murphy, Gerald W. (See Singer, Henry, assignor.)

Murphy, Harry K., Stanford, Ill. Advertising device or toy. 2,190,800; Feb. 20.

Murphy, Harry S., Attica, assignor to Cooney Refrigeration Company, Inc., Buffalo, N. Y. Boiler assembly. 2,199,139; Apr. 30.

Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Handle device. 2,208,546; July 16.

Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Universal joint. 2,208,547; July 16.

Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener and fastener installation. 2,208,548; July 16.

Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Switch. 2,215,247; Sept. 17.

Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Knob fastening device. 2,215,248; Sept. 17.

Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Knob fastener and assembly. 2,225,594; Dec. 17.

Murphy, John, Jr., Kawkawlin, Mich. Return bend coupling. 2,209,790; July 30.

Murphy, John E., et al. (See Cuddigan, B. O., and Mondloch, assignors.)

Murphy, John M., Shamokin, and T. A. Burba, Jr., Paxinos, Pa. Package accessory. 2,185,605; Jan. 2.

Murphy, Joseph M., New York, N. Y., assignor of one-fourth to E. V. Myers, East Orange, N. J., and L. E. Giles, New York, N. Y. Dishwashing machine. 2,197,382; Apr. 16.

Murphy, Louis G., Newark, N. J. Combination dispensing container valve. 2,187,049; Jan. 16.

Murphy, Louis N., assignor to Chrysler Corporation, Highland Park, Mich. Manifold heat control apparatus. 2,226,011; Dec. 24.

Murphy, Margaret R., administratrix. (See Murphy, A. R., and Rossander.)

Murphy, Maxwell K. (See Frost, Sidney S., assignor.)

Murphy, P. H., Company. (See Bonsall, Charles D., assignor.)

Murphy, Paul W. (See Connell, J. M., Sorum, and Murphy.)

Murphy Radio Limited. (See Ellis, Horace D., assignor.)

Murphy, Roy C., assignor to Corduroy Rubber Company, Grand Rapids, Mich. Gasket. 2,188,815; Jan. 30.

Murphy, Thomas J., Stamford, Conn. Reciprocating electric motor. 2,203,695; June 11.

Murphy, Walter P., Chicago, Ill. Refrigerator. 2,214,474; Sept. 10.

Murphy, William J., Crafton, Pa. Holder for confections. 2,210,251; Aug. 6.

Murray, Alexander, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic stencil material. 2,204,147; June 11.

Murray, Alexander, assignor to Eastman Kodak Company, Rochester, N. Y. Halftone screen. 2,211,345; Aug. 13.

Murray, Christopher W., Kenmore, N. Y. Guy wire clamp. 2,212,670; Aug. 27.

Murray, Clay E., near Davenport, assignor to Linograph Corporation, Davenport, Iowa. Typographical machine. 2,187,278; Jan. 16.

Murray Colour Controls Limited. (See Murray, Guy L., assignor.)

Murray Company, The. (See Blewett, John, assignor.)

Murray Company, The. (See Christoph, Albert B., assignor.)

Murray Company, The. (See McLean, Robert W., assignor.)

Murray Corporation of America, The. (See Avery, Clarence W., assignor.)

Murray Corporation of America, The. (See Avery, C. W., and Habertsump, assignors.)

Murray Corporation of America, The. (See Clark, Noble C., assignor.)

Murray Corporation of America, The. (See Fish, Carl C., assignor.)

Murray Corporation of America, The. (See Graebner, Otto F., assignor.)

Murray Corporation of America, The. (See Haberstump, Alfred H., assignor.)

Murray Corporation of America, The. (See Helrigel, Floyd H., assignor.)

Murray Corporation of America, The. (See Hill, Lewis C., assignor.)

Murray Corporation of America, The. (See Horton, Frank J., assignor.)

Murray Corporation of America, The. (See Jarosik, Andrew J., assignor.)

Murray Corporation of America, The. (See Menge, Clarence H., assignor.)

Murray Corporation of America, The. (See Mueller, Otto, assignor.)

Murray Corporation of America. (See Osborn, William C., assignor.)

Murray Corporation of America, The. (See Smith, Stanley G., assignor.)

Murray Corporation of America. (See Widman, Charles H., assignor.)

Murray, D. J., Manufacturing Co. (See Lieber, William H., assignor.)

Murray, D. J., Manufacturing Co. (See Preston, Everett A., assignor.)

Murray, Edward B., and H. C. Hollinger, assignors to A. B. Farquhar Co., Limited, York, Pa. Cotton cleaner. 2,196,791; Apr. 9.

Murray, George R., Chambersburg, and E. C. Clarke, Noble, assignors to Chambersburg Engineering Company, Chambersburg, Pa. Control for power hammers. 2,218,684; Oct. 22.

Murray, Guy L., Leeds, assignor to Murray Colour Controls Limited, London, England. Apparatus for controlling the operation of machine tools using fixed or movable cutters. 2,205,959; June 25.

Murray, Howard J., New York, N. Y. Magnetic decomposing and reassembling television system. 2,194,094; Mar. 19.

Murray, Howard J., New York, N. Y. Vehicle signal system. 2,196,705; Apr. 9.

Murray, Howard J., New York, N. Y. Power transmission device. 2,200,890; May 14.

Murray, Howard J., New York, N. Y. Signal system for vehicles. 2,206,199; July 2.

Murray, Howard J., New York, N. Y. Power transmission torque converting device. 2,208,224; July 16.

Murray, Howard J., New York, N. Y. Automatic variable speed power transmission device. 2,208,385; July 16.

Murray, Howard J., New York, N. Y. Light decomposing and assembling device. 2,225,922; Dec. 24.

Murray, Hugh E. (See Christopher, E. T., and Murray.)

Murray, Hugh E., and E. T. Christopher, Denver, Colo. Life preserver inflation means. 2,202,225; May 28.

Murray, Humphrey D., London, assignor, by mesne assignments, to Ilford Limited, Ilford, Essex, England. Production of colored photographic images. 2,192,929; Mar. 12.
Murray, Humphrey D., and D. A. Spencer, assignors to The Veracol Film Syndicate Limited, London, England. Chemical treatment of photographic images. 2,196,226; Apr. 9.
Murray Iron Works Company. (See Millard, Loren D., assignor.)
Murray, John C., Yonkers, N. Y. Booklet. 2,213,920; Sept. 3.
Murray, John C., Yonkers, N. Y. Booklet. 2,220,536; Nov. 5.
Murray, John D., assignor to The Murray Liquafilm Corporation, Chicago, Ill. Coating. 2,204,550; June 18.
Murray, John F., et al., executors. (See Murray, Thomas E.)
Murray, John J., Arlington, Mass. Casein resin. 2,223,120; Nov. 26.
Murray, Joseph B., et al., executors. (See Murray, Thomas E.)
Murray, Kenneth L., assignor to Beatrice Creamery Company, Chicago, Ill. Game and game board. 2,188,480; Jan. 30.
Murray, Lester B., Kenosha, Wis. Device for distributing silage. 2,209,842; July 30.
Murray Liquafilm Corporation, The. (See Murray, John D., assignor.)
Murray, Malcolm G., Ellwood City, Pa., assignor to National Tube Company. Rotary tube rack. 2,197,703; Apr. 16.
Murray-Ohio Manufacturing Corporation. (See Kraeft, Herman L., assignor.)
Murray, P. J. (See Mazzella, Antonio, assignor.)
Murray, Thomas E., Jr., et al., executors. (See Murray, Thomas E.)
Murray, Thomas E., deceased, by J. B. Murray and T. E. Murray, Jr., Brooklyn, N. Y., executors, assignors to Metropolitan Engineering Company. Boiler. Re. 21,649; Dec. 3.
Murray, Thomas E., deceased, by J. F., J. B., and T. E. Murray, Jr., executors, assignors to Metropolitan Engineering Company, Brooklyn, N. Y. Making boiler tubes and the like. 2,220,579; Nov. 5.
Murray, Thomas E., Jr., Brooklyn, N. Y. Furnace or boiler wall construction. 2,220,944; Nov. 12.
Murray, Thomas F., Jr. (See Kenyon, W. O., and Murray.)
Murray, Virgil A., San Diego, Calif. Invalid walking aid apparatus. 2,206,234; July 2.
Murray, Walter G. (See Leopold, Orville L., assignor.)
Murrin, Gahlbeth H., Pasadena, Calif. Hinge. 2,189,818; Feb. 13.
Murrin, Gahlbeth H., Pasadena, assignor to M. W. Murrin, Fullerton, Calif. Window operating mechanism. 2,220,537; Nov. 5.
Murrin, Gahlbeth H., assignor to M. W. Murrin, Fullerton, Calif. Hinge. 2,224,444; Dec. 10.
Murrin, Martha W. (See Murrin, Gahlbeth H., assignor.)
Murtha, Paul F., Flushing, N. Y. Stick chair. 2,201,630; May 21.
Musaphia, Georges, Los Angeles, Calif. Creating motion effects. 2,196,423; Apr. 9.
Musaphia, Georges, Los Angeles, Calif. Creating animated effects. 2,196,424; Apr. 9.
Musaphia, Georges, Los Angeles, Calif., assignor to Animatagraph Corporation Limited, Charlottetown, Prince Edward Island, Canada. Animated display apparatus. 2,204,435; June 11.
Muse, J. M. (See Montgomery, Wayman, assignor.)
Muse, Robert B., assignor to Barrett & Hilp, San Francisco, Calif. Building construction. 2,202,745; May 28.
Musebeck, George E., assignor to Musebeck Shoe Company, Danville, Ill. Shoemaking method. 2,223,121; Nov. 26.
Musebeck Shoe Company. (See Musebeck, George E., assignor.)
Muserlian, John, New York, N. Y. Sliding blade scissors. 2,203,541; June 4.
Muserlian, John, New York, N. Y. Ruler attachment for scissors. 2,211,577; Aug. 13.
Musgrave, Arthur F, Cambridge, and T. E. Dinsmoor, Boston, Mass. Mechanical leaf turner. 2,225,707; Dec. 24.
Musgrave, James R., deceased; The Peoples National Bank, Shelbyville, and The Third National Bank, Nashville, Tenn., administrators; assignors to Musgrave Pencil Company, Inc. Pencil attachment. 2,205,929; June 25.
Musgrave Pencil Company. (See Musgrave, James R., assignor.)
Musher, Albert, New York, N. Y., assignor to Musher Corporation, Elizabeth, N. J. Thickened food compositions and producing them. 2,203,643; June 4.
Musher, Albert, New York, N. Y., assignor to Musher Corporation, Elizabeth, N. J. Canned food product and canning method. 2,217,698; Oct. 15.
Musher, Albert, New York, N. Y., assignor to Musher Corporation, Elizabeth, N. J. Salad dressing and preparing the same. 2,217,699; Oct. 15.
Musher, Albert, New York, N. Y., assignor to Musher Corporation, Elizabeth, N. J. Frozen confection and making it. 2,217,700; Oct. 15.
Musher, Albert, New York, N. Y., assignor to Musher Corporation, Elizabeth, N. J. Nut butter. 2,217,701; Oct. 15.
Musher, Albert, New York, N. Y., assignor to Musher Corporation, Elizabeth, N. J. Food product and producing it. 2,218,475; Oct. 15.
Musher Corporation. (See Musher, Albert, assignor.)
Musher Foundation Incorporated. (See Musher, Sidney, assignor.)
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Treatment of mineral oil. 2,192,866; Mar. 5.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Treatment of paper and board. 2,193,695; Mar. 12.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Modified antioxygenic starch and making and using the same. 2,198,197; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Modified antioxygenic milk solids and making and using the same. 2,198,198; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilizing food compositions. 2,198,199; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilizing food compositions. 2,198,200; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilizing food compositions. 2,198,201; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilizing food compositions. 2,198,202; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilizing food compositions. 2,198,203; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilizing food compositions. 2,198,204; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilizing toasted cereal products. 2,198,205; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Treatment of coffee. 2,198,206; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Coffee. 2,198,207; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilized food composition and making same. 2,198,208; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Treatment of fatty meats and fish and other foods. 2,198,209; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilization of hydrocarbon, glyceride, and essential oils by substantially crude unrefined cane and beet sugar. 2,198,210; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Rendering fat containing meat. 2,198,211; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilization of oils. 2,198,212; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilization of glyceride oils. 2,198,213; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Retaining carotene content of freshly cut grasses. 2,198,214; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilization of glyceride oils. 2,198,215; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Butter manufacture. 2,198,216; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Protecting cream against oxidation. 2,198,217; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Wheat germ preparation. 2,198,218; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Retarding oxidation. 2,198,219; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilized nut butter. 2,198,220; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Liquor preparation. 2,198,221; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Cacao butter as antioxidant. 2,198,222; Apr. 23.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Textiles and yarns. 2,199,363; Apr. 30.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Treatment of glyceride oils. 2,199,364; Apr. 30.

Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Treatment of hydrogenated oils. 2,201,112; May 14.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Sized paper. 2,204,612; June 18.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Lubricating oil. 2,216,711; Oct. 1.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York. Treatment of glyceride oils. 2,221,404; Nov. 12.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Lubricating oil and making the same. 2,223,941; Dec. 3.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Producing anhydrous caustic. 2,196,593; Apr. 9.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Concentration of caustic. 2,196,594; Apr. 9.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Purifying caustic. 2,196,595; Apr. 9.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Purification of alkali metal hydroxides. 2,196,596; Apr. 9.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Composition of matter and making same. 2,199,710; May 7.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Composition of matter and making same. 2,199,711; May 7.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Composition of matter and using same. 2,204,812; June 18.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Desulphurization of iron and steel. 2,204,813; June 18.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Alleghany County, Pa. Removing chlorates from caustic solutions. 2,207,595; July 9.
Muskat, Irving E., Akron, and N. Howard, Barberton, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Treatment of chromium ores. 2,185,218; Jan. 2.
Muskat, Irving E., Akron, and F. C. Trager, Barberton, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Stable urea-chlorine compound and making same. 2,185,864; Jan. 2.
Muskat, Irving E., and F. Gage, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparation of calcium carbonate. 2,198,223; Apr. 23.
Muskat, Irving E., Akron, and G. H. Cady, Wadsworth, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparation of hypochlorites. 2,225,923; Dec. 24.
Muskatt, Roy, et al. (See Anderson, Christ, assignor.)
Muskovin, George T., assignor to Norton Company, Worcester, Mass. Indexing attachment for grinding machines. 2,185,560; Jan. 2.
Mussa, Marcel V., Pasadena, Calif. Catch. 2,202,916; June 4.
Mussari, Anthony, Erie, Pa., assignor to The Warner & Swasey Company, Cleveland, Ohio. Collet for machine tools. 2,225,377; Dec. 17.
Musselman, John M., and H. P. Lankelma, assignors to The Standard Oil Company, Cleveland, Ohio. Preparation of lubricants. 2,205,172; June 18.
Musselman, John M., and H. P. Lankelma, assignors to The Standard Oil Company, Cleveland, Ohio. Lubricant preparation. 2,224,368; Dec. 10.
Musser, Charles W., Logansport, assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Vibrator circuit. 2,207,300; July 9.
Musser, Lewis J. (See Hite, Charles E., assignor.)
Mussey, Carrie S., executrix. (See Mussey, William H., assignor.)
Mussey, William H. (See Blomberg, M. P., and Mussey.)
Mussey, William H., Chicago, Ill. Adjustable tie-down. 2,185,514; Jan. 2.
Mussey, William H., deceased, Chicago, Ill.; C. S. Mussey, executrix. Adjustable tie-down anchor member. 2,190,636; Feb. 13.
Mussey, William H., Chicago, Ill., assignor, by mesne assignments, to Harold J. Forster, trustee for Association of American Railroads, Washington, D. C. Deck for supporting vehicles in freight cars. 2,213,501; Sept. 3.
Mussey, William H., deceased; C. S. Mussey, executrix, assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Railway car body. 2,223,667; Dec. 3.
Mussman, Jacob A., Portsmouth, Va. Window lock. 2,226,346; Dec. 24.
Mustin, Gilbert B., Lansdowne, and L. Pittaluga, Germantown, assignors to Frank H. Fleer Corporation, Philadelphia, Pa. Paper registering mechanism. 2,214,593; Sept. 10.
Musto, Ralph R., et al. (See Carvotta, Cosimo, assignor.)
Mu-Switch Corporation. (See Allen, Stratford B., assignor.)
Muszynski, Vincent J., Buffalo, N. Y. Button sewing attachment. 2,187,137; Jan. 16.
Mutch, James B., assignor to Schelter Last Co., Inc., Rochester, N. Y. Shoe tree or form. 2,215,835; Sept. 24.
Mutch, John W., Sunnyside, assignor of one-half to E. W. DeWilton, Larchmont, N. Y. Building brick. 2,192,691; Mar. 5.
Muter, Leslie F., Chicago, Ill. Mercury switch apparatus. 2,192,797; Mar. 5.
Muth, Friedrich, Leverkusen, Germany, assignor to General Aniline & Film Corporation. Ortho-hydroxycarboxylic acids of the diphenylene series. 2,189,367; Feb. 6.
Muth, Friedrich, Leverkusen I. G.-Werk, Germany, assignor to General Aniline & Film Corporation. Arylamide. 2,193,678; Mar. 12.
Muth, Friedrich W., Leverkusen-I. G.-Werk, Germany, assignor to General Aniline & Film Corporation. Water-insoluble azo dyestuffs. 2,193,676; Mar. 12.
Muth, Friedrich W., Leverkusen-I. G.-Werk, Germany, assignor to General Aniline & Film Corporation. Ortho-hydroxy carboxylic acids. 2,193,677; Mar. 12.
Mutsaers, Johannes P. M. (See Uyterhoeven, W., Verburg, Schouwstra, and Mutsaers.)
Mutscheller, Arthur. (See Hirsch, Samuel, assignor.)
Mutscheller, Arthur, New York, N. Y. Discharge tube. 2,216,209; Oct. 1.
Mutscheller, Arthur, New York, N. Y. X-ray unit. 2,216,210; Oct. 1.
Mutschler, Albert H., Middleburg, Pa. Speed reducing unit. 2,224,576; Dec. 10.
Mutter, Fritz, assignor to Actiengesellschaft Joh. Jacob Rieter & Cie, Winterthur, Switzerland. Device for regulating the feed to machines for treating fibrous material. 2,205,304; June 18.
Muttray, Justus, and W. Vogel, assignors to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau, Germany. Vehicle window. 2,203,174; June 4.
Mutual Chemical Company of America. (See Darrin, Marc, assignor.)
Mutual Chemical Company of America. (See Tarr, Omar F., assignor.)
Mutz, Friedrich, assignor of one-half to F. Mutz, and one-half to G. Markowitsch, Vienna, Germany. Dispensing container. 2,216,476; Oct. 1.
Mutzfeld, Paul, et al. (See Watson, Pearl A., assignor.)
Muzzey, David S., Jr. (See Evjen, H. M., and Muzzy.)
Muzzey, David S., Jr., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Commutation system. 2,204,436; June 11.
Muzzo, Ross C., Toledo, Ohio. Surfacing. 2,206,671; July 2.
Mydlil, Gus L., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Antenna system. 2,206,820; July 2.
Mydlil, Gus L., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Antenna system. 2,206,821; July 2.
Myer, Percy L., Ozone Park, N. Y., and E. R. Wheeler, Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph system and apparatus. 2,187,360; Jan. 16.
Myer, Percy L., Ozone Park, N. Y., and E. R. Wheeler, Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Control for tape pullers. 2,212,947; Aug. 27.
Myers, Albert P. (See Hedrich, Richard, Sr., assignor.)
Myers, Alfred. (See Hall, S., and Myers.)
Myers, Bryant E., Santa Barbara, Calif. Receptor for shower stalls. 2,197,874; Apr. 23.
Myers, Cecil K., Enid, Okla. Grinder plate cleaner. 2,226,317; Dec. 24.
Myers, Charles L., assignor to American Engineering Company, Philadelphia, Pa. Stoker furnace. 2,185,865; Jan. 2.
Myers, Charles R., Indianapolis, Ind. Electric tempo device. 2,195,255; Mar. 26.
Myers, Charles R., and O. C. Taylor, Tyler, Tex. Automatic saw protector. 2,224,272; Dec. 10.
Myers, Chester G., St. Petersburg, Fla., and W. Ilgenfritz, York, assignors to Leschey Myers Manufacturing Co., Hanover, Pa. Toilet appliance. 2,221,991; Nov. 19.
Myers, Don D., assignor to Feedex Corporation, Toledo, Ohio. Feeding and indexing mechanism for machine tools. 2,185,351; Jan. 2.
Myers, E. A., & Sons. (See Lybarger, Samuel F., assignor.)
Myers, E. A. & Sons. (See Pelz, Alfred E., assignor.)
Myers, Edward, Waltham, Mass. Manufacturing golf balls. 2,206,971; July 9.
Myers, Eugene H. (See Brisbane, E. C., and Myers.)
Myers, Eugene V., et al. (See Murphy, Joseph M., assignor.)
Myers, F. E., & Bro. Company, The. (See Spreng, Warren M., assignor.)
Myers, Frank L., Toledo, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Air filtering apparatus. 2,197,004; Apr. 16.
Myers, Frank L., Toledo, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Air filter. 2,214,750; Sept. 17.
Myers, Harry A., assignor of one-third to W. A. Armstrong, and one-third to D. T. Barton, Dayton, Ohio. Fuel feeding device for internal combustion engines. 2,201,448; May 21.

Myers, Hubert A., assignor of one-half to H. W. McKisson, Toledo, Ohio. Lifting jack. 2,195,372; Mar. 26.
Myers, Hubert A., E. Nafzger, and A. J. Nowakowski, assignors to Toledo Steel Tube Company, Toledo, Ohio. Shock absorber. 2,206,110; July 2.
Myers, Jeremiah C., Washington, D. C. Life-saving suit. 2,195,736; Apr. 2.
Myers, John C., Sperry, assignor of one-half to J. W. Scott Drilling Company, Tulsa, Okla. Device for controlling the transmission of power to pumps. 2,202,504; May 28.
Myers, John W., Roanoke, Va., assignor by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y. Stoker mechanism. 2,189,401; Feb. 6.
Myers, Joseph W., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Coffee maker. 2,192,095; Feb. 27.
Myers, Joseph W., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Combined thermostatic and time-controlled flasher mechanism for electric range units and the like. 2,207,870; July 16.
Myers, Joseph W., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Electric range unit control mechanism embodying material of changeable character. 2,207,871; July 16.
Myers, Joseph W., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Load limiting flash control system for electric ranges and the like. 2,213,993; Sept. 10.
Myers, Joseph W., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Time control mechanism for flashing electric range units or the like. 2,215,404; Sept. 17.
Myers, Joseph W., and S. J. Roesch, assignors to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Control system for electrical heating units. 2,207,634; July 9.
Myers, Joseph W., and S. J. Roesch, assignors to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Control system for electrical range units and the like. 2,210,947; Aug. 13.
Myers, Leonard M., Middlesbrough, England, assignor to Radio Corporation of America. Television reproducer apparatus. 2,219,872; Oct. 29.
Myers, Leonard M., Yorkshire, and E. F. Goodenough, Essex, England, assignors to Radio Corporation of America. Electrically controlled light valve apparatus. 2,185,379; Jan. 2.
Myers, Leonard M., Middlesbrough, England, and R. Cadzow, Ardentinny, Scotland, assignors to Radio Corporation of America. Cathode ray tube oscillograph apparatus. 2,219,902; Oct. 29.
Myers, Lewis C., Freeport, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,209,279; July 23.
Myers, Lewis C., Freeport, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,214,414; Sept. 10.
Myers, Lewis C., Freeport, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,224,083; Dec. 3.
Myers, Louis, Galesburg, assignor to D. Gensburg, Chicago, Ill. Drink mixer. 2,192,199; Mar. 5.
Myers, Philip B., Scarsdale, N. Y., and W. W. Cowgill, Fairfield, Conn., assignors to Sardik Incorporated, Jersey City, N. J. Pectin and its manufacture. 2,185,472; Jan. 2.
Myers, Raymond M., Trenton, N. J. Educational device. 2,200,206; May 7.
Myers, Robert J., Elkins Park, and H. C. Cheetham, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Revertible emulsions with high solids content. 2,220,685; Nov. 5.
Myers, Roy A., St. Paul, Minn. Disinfector. 2,201,784; May 21.
Myers, Thomas G. (See Heyer, D., and Meyers.)
Myers, Thomas G., assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Magnetic structure for dynamo-electric machines. 2,201,699; May 21.
Myers, Thomas G., Los Angeles, Calif., and F. Mason, Chicago, Ill., assignors to U. S. Electrical Motors, Inc. Submersible electric motor. 2,193,463; Mar. 12.
Myers, Thomas G., and G. T. Pfleger, Los Angeles, Calif., and F. Mason, Chicago, Ill., assignors to U. S. Electrical Motors, Inc. Submersible structure. 2,218,937; Oct. 22.
Myers, William H. (See Daugherty, R. M., and Myers.)
Myers, William H., Detroit, Mich., assignor to The Crosley Corporation, Cincinnati, Ohio. Automotive antenna equipment. 2,226,522; Dec. 24.
Myerson, Simon, Brookline, Mass. Artificial tooth. 2,202,712; May 28.
Myerson, Simon, Brookline, Mass. Artificial tooth. 2,202,713; May 28.
Myerson, Simon, Brookline, Mass. Artificial tooth and making the same. 2,213,963; Sept. 10.
Myerson, Simon, Brookline, Mass. Artificial tooth. 2,213,964; Sept. 10.
Myerson, Simon, Brookline, Mass. Safety appliance. 2,225,708; Dec. 24.
Myerstuen, Andrew, Seattle, Wash. Ship ladder. 2,202,597; May 28.
Myles, James R., Cheshire, England, assignor to Imperial Chemical Industries Limited. Preparation of acylated 3-hydroxy-bis-norcholenic acids. 2,205,045; June 18.
Myles, James R., and L. L. Bache, Northwich, England, assignors to Imperial Chemical Industries Limited. Manufacture of shaped articles from polymeric materials. 2,210,771; Aug. 6.
Mynall, Dennis J., Rugby, England, assignor to General Electric Company. Cathode ray apparatus. 2,219,193; Oct. 22.
Mynall, Dennis J., Rugby, England, assignor to General Electric Company. Magnetic focusing of cathode ray tubes. 2,219,194; Oct. 22.
Myres, William J., El Paso, Tex. Holster. 2,213,472; Sept. 3.
N. D. Q. Specialty Corporation. (See Schrell, Paul E., assignor.)
N. V. Gebr, Stork & Co's Fabrik van Hijschwerktuigen. (See Esseling, Cornelis J., assignor.)
N. V. Industrieele En Bouwmaterialenhandelmaatschappij "Iboma". (See Strübe, Hendrik L., assignor.)
N. V. Internationale Spinpot Exploitatie Maatschappij "Isem". (See Lubberhuizen, Jan W., assignor.)
N. V. Koninklijke Pharmaceutische Fabrieken v./h. Brocades-Stheeman & Pharmacia. (See Schulte, Wilhelm, assignor.)
N. V. Maatschappij voor Zwavelzuurbereiding Voorheen G. T. Ketjen & Co. (See Van Es, Adriaan C., assignor.)
N. V. Octrooien-Maatschappij "Activit". (See Smit, Pieter, assignor.)
N. V. Orgachemia. (See Salomon, Arnold, assignor.)
N. V. Papierwarenfabrik Voorheen Gebrs. Hellema. (See Hellema, Jan C., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Bergmans, Jan, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Bergmans, J., van Alphen, and van der Veen, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Bouwers, Albert, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See de Boer, J. H., Dippel, and Stieler, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Druyvesteyn, M. J., and Jurriaanse, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Giskes, W., and Hazen, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Hardenberg, Jan J., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Jurriaanse, T., and Mulder, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Kann, Eduard, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Penning, Frans M., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See van Alphen, Pieter M., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Zernike, Johannes, assignor.)
N. V. Serlox. (See Mauser, Alfons, assignor.)
N. V. "Stroomlyn" Tot Exploitatie van Octrooien. (See Dekker, Adriaan J., assignor.)
N. V. Transorma Bundel-Sluit-Machine "B. S. M." (See Marchand, Jean J. M. L., assignor.)
N. V. Wilton's Machinefabriek en Scheepswerf, Maatschappij Voor Scheeps-en Werktuigbouw Fijenoord N. V. (See Rösingh, Wilhelm H. C. E., assignor.)
Naab, Julius, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Oiling device. 2,207,935; July 16.
Naamlooze Vennootschap Chemische Fabriek L. van du Grinten. (See Sanders, T. P. W., and van Rensen, assignors.)
Naamlooze Vennootschap: Chemische Fabriek Servo. (See Rozenbroek, Merndert D., assignor.)
Naamlooze Vennootschap Industrieele Maatschappij Voorheen Noury & Van Der Lande. (See Priester, Remmet, assignor.)
Naamlooze Vennootschap Industrieele Maatschappij Voorheen Noury & Van Der Lande. (See Staudt, Erich, assignor.)
Naamlooze Vennootschap Kunstzijdespinnerij Nyma. (See van Deinse, Hendrikus, assignor.)
Naamlooze Vennootschap Maatschappij tot Beheer en Exploitatie van Octrooien. (See Vello, Leopoldo S., assignor.)
Naamlooze Vennootschap Maatschappij tot Beheer en Exploitatie van Octrooien. (See von Reis, Lambert, assignor.)
Naamlooze Vennootschap W. A. Scholten's Chemische Fabrieken. (See Möller, Fredrik A., assignor.)
Naamlooze Vennootschap Yzerhandel I. M. De Vries. (See Clarke, Frederick A., assignor.)
Nabenhauer, Fred P., Somerton, assignor to Smith, Kline & French Laboratories, Philadelphia, Pa. Furfuryl N-morpholine alkyl halide medicinal preparation. 2,185,219; Jan. 2.
Nabenhauer, Fred P., Somerton, assignor to Smith, Kline & French Laboratories, Philadelphia, Pa. Medicinal agent. 2,185,220; Jan. 2.
Nabors, William C., Mansfield, La. Truck body. 2,205,575; June 25.
Nabors, William C., Mansfield, La. Ground working implement. 2,217,449; Oct. 8.
Nace, Allen S., assignor to The Radiart Corporation, East Cleveland, Ohio. Vibrator. 2,199,508; May 7.
Nacey, Harry M. (See Jackson, F. W., and Nacey.)
Nachman-Springfilled Corporation. (See Gleason, William W., assignor.)

Nachman-Springfilled Corporation. (See Lotis, Rudolph W., assignor.)
Nachod & United States Co. (See Stolp, S. S., and Wagner, assignors.)
Nachod & United States Signal Co. (See Miller, John A., assignor.)
Nachod & United States Signal Co. (See Quilliam, Leslie, assignor.)
Nachod & United States Signal Co. (See Richterkessing, Frank H., assignor.)
Nachtwey, Edward J., Green Bay, Wis. Hydraulic brake. 2,186,264; Jan. 9.
Nachumsohn, Irving, Chicago, Ill. Cooking apparatus. 2,187,888; Jan. 23.
Nadeau, Elphège, assignor of one-half to Dunn Worsted Mills, Woonsocket, R. I. Shuttleless loom. 2,226,069; Dec. 24.
Nadeau, Gale F. (See Malm, C. J., and Nadeau.)
Nadeau, Gale F., and A. D. Slack, assignors to Eastman Kodak Company, Rochester, N. Y. Removable coating for photographic film. 2,211,346; Aug. 13.
Nadeau, Gale F., and A. D. Slack, assignors to Eastman Kodak Company, Rochester, N. Y. Removable coating for photographic film. 2,211,347; Aug. 13.
Nadeau, Gale F., and E. R. Clearman, assignors to Eastman Kodak Company, Rochester, N. Y. Production of pigmented film. 2,218,249; Oct. 15.
Naden, James H., Hendon, London, assignor to Precision Wireless Devices Limited, London, England. Mechanical torque indicator. 2,219,632; Oct. 29.
Nadig, Francis H., Philadelphia, Pa. Floor cleaning machine. 2,223,963; Dec. 3.
Nadig, Francis H., Philadelphia, and J. L. Bohn, Glenside, Pa. Electrostatic voltmeter. 2,221,600; Nov. 12.
Nadler, Charles S., Brooklyn, and E. Kameny, Richmond Hill, assignors to Standard Motor Products, Inc., Long Island City, N. Y. Ignition system for internal combustion engines. 2,223,151; Nov. 26.
Nadler, Friedrich, Cologne-Mulheim, and H. Hoyer and O. Bayer, Leverkusen-I. G. Werk, Germany, assignors to General Aniline & Film Corporation. Phthalocyanine sulphonic acid chloride. 2,219.330; Oct. 29.
Naecker, William, Suitland, Md. Combination azimuth and bearing circle. 2,220,945; Nov. 12.
Naecker, William, Suitland, Md. Compass. 2,222,627; Nov. 26.
Naegeli, Carl, Zurich, assignor to Cilag, Chemisches Industrielles Laboratorium A. G., Schaffhausen, Switzerland. 5-Sulphonamides of 2-hydroxypyridines. 2,211,702; Aug. 13.
Naegle, George B., San Jose, Calif. Hobbyhorse. 2,211,151; Aug. 13.
Naftali, Henry. (See Naftali, Rudolf, V., and H.)
Naftali, Henry, et al. (See Naftali, Valentine, assignor.)
Naftali, Rudolf, V., and H., Bronx, assignors, by mesne assignments, to American Machine & Foundry Company, New York, N. Y. Stitching neckties or similar articles. 2,188,301; Jan. 30.
Naftali, Rudolf, V. Naftali and H. Naftali, Bronx, assignors, by mesne assignments, to American Machine & Foundry Company, New York, N. Y. Sewing machine. 2,213,965; Sept. 10.
Naftali, Valentine. (See Naftali, Rudolf, V., and H.)
Naftali, Valentine, assignor of thirty-three and one-third to R. Naftali, Palham Manor, and thirty-three and one-third to H. Naftali, New York, N. Y. Necktie. 2,205,105; June 18.
Naftalin, Harry, et al., trustees. (See Deuel, Clyde, assignor.)
Naftolen-Gesellschaft zur Verwertung der Rostler-Mehner'schen Verfahren m. b. H. (See Rostler, F., and Mehner, assignors.)
Nafzger, Edwin. (See Myers, H. A., and Nowakowski.)
Nagamatsu, James K., Santa Ana, Calif. Weed cutter. 2,214.063; Sept. 10.
Nagatsuka, Junjiro, Tokyo, Japan. Apparatus for casting hollow bodies. 2,212,844; Aug. 27.
Nagel, Carl E. (See Small, Fred F., and Nagel.)
Nagel, Charles H. (See Edwards, T. W., and Nagel.)
Nagel-Chase Mfg. Co., The. (See Schultz, E., and Rohner, assignors.)
Nagel, Friedrich W. (See Gerson, G., and Nagel.)
Nagel, Hugo, Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. View finder mount. 2,191.035; Feb. 20.
Nagel, Hugo, Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. Motion picture apparatus. 2,196.738; Apr. 9.
Nagel, Hugo, Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. Shutter actuating means on the body of a folding camera. 2,206,111; July 2.
Nagel, Theodore, Brooklyn, N. Y. Decomposing oil to olefins. 2,188,982; Feb. 6.
Nagel, Theodore, Brooklyn, N. Y. Burning liquid fuel or the like. 2,206,552; July 2.
Nagel, Theodore, Brooklyn, N. Y. Burning fluid fuels. 2,206,553; July 2.
Nagin, Harold, Pittsburgh, assignor to Reliance Steel Products Company, Rankin, Pa. Reinforced structure. 2,211,513; Aug. 13.
Nagin, Harry S., Pittsburgh, assignor to Reliance Steel Products Company, Rankin, Pa. Grating and like structure. 2,190,214; Feb. 13.
Nagin, Harry S., Pittsburgh, assignor to Reliance Steel Products Company, Rankin, Pa. Grating and like structure. 2,190,215; Feb. 13.
Nagin, Max, Brooklyn, N. Y. Beer cooling device. 2,223,152; Nov. 26.
Naginskas, Tony, Chicago, Ill. Watercraft. 2,196,706; Apr.9.
Nagle, Harold J., et al., executors. (See Nagle, P. J., and Englert.)
Nagle, Peter J., deceased, and W. J. Englert, Rochester, N. Y.; said Englert assignor to said Nagle; H. J. Nagle, R. A. Nagle, and R. H. Tew, executors. Tire chain. 2,224,879; Dec. 17.
Nagle, Reginald A., et al., executors. (See Nagle, P. J., and Englert.)
Nagle, Reginald A., assignor to Flower City Specialty Company, Rochester, N. Y. Making display receptacles. 2,223,770; Dec. 3.
Nagley, David. (See Thurston, P. L., Nagley, and Hilker.)
Nahme, Hans. (See Dohrn, M., and Nahme.)
Nahmens, Paul M., Evanston, Ill. Reflector set-up and register table. 2,223,357; Dec. 3.
Nai, Alfredo, assignor to "Chatillon" Societa Anonima Italiana per le Fibre Tessili Artificiali, Milan, Italy. Apparatus for treating artificial yarns. 2,209,950; Aug. 6.
Nakahiro, Genzo, San Francisco, Calif. Flour sifter. 2,211,907; Aug. 20.
Nakahiro, Genzo, San Francisco, Calif. Flour sifter. 2,212,788; Aug. 27.
Nakano, Thomas I., Papaikou, Hawaii. Musical toy. 2,219,236; Oct. 22.
Nakken, Theodorus H., assignor to Tri-Mension Films, Inc., New York, N. Y. Three dimensional photograph and motion picture. 2,185,221; Jan. 2.
Nalbach, John R., Oak Park, Ill. Duplicating machine. 2,189,921; Feb. 13.
Nalley, Hubert L. (See Green, B. W., and Nalley.)
Nalley, William C., Jr., Trent, Tex. Well flowing device. 2,192,236; Mar. 5.
Nallinger, Fritz, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Fluid power transmitter. 2,194,715; Mar. 26.
Nallinger, Fritz, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Sleeve valve engine. 2,217,289; Oct. 8.
Nallinger, Fritz, Stuttgart, Wurttemberg, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Internal combustion engine. 2,221,405; Nov. 12.
Na-Mac Products Corporation. (See Hacmac, Edward R., assignor.)
Naményi, Ladislas K., Budapest, Hungary, assignor of one-half to M. Kiss, Brooklyn, and one-fourth to E. I. Stern, Astoria, Long Island, N. Y. Automatic telephone indicator. 2,217,523; Oct. 8.
Namet, Julius, assignor to The Garland Company, Cleveland, Ohio. Bar painter. 2,226,633; Dec. 31.
Nampa, Sulo M. (See Evans, J. M., Cardinal, and Nampa.)
Nampa, Sulo M., Detroit, Mich., assignor to Grade Crossing Guard Corporation, Memphis, Tenn. Crossing protective system. 2,202,316; May 28.
Nampa, Sulo M., Detroit, Mich., assignor, by mesne assignments, to Transportation Systems, Inc., Oklahoma City, Okla. Wheel structure. 2,203,965; June 11.
Namur, Carl A., assignor to Specialty Brass Company, Incorporated, Kenosha, Wis. Bottle filler. 2,197,588; Apr. 16.
Namur, Carl A., and C. M. Anderson, assignors to Specialty Bross Company, Kenosha, Wis. Bottle filler and capper apparatus. 2,186,651; Jan. 9.
Nande Corporation. (See Everett, Edward A., assignor.)
Nangle, John J. (See Wadsworth, D. V., and Wickenden, assignors.)
Nanna, Frank S., Chicago, Ill. Marshmallow whipper. 2,217,318; Oct. 8.
Naoúm, Phokion, Leverkusen-Schlebusch, Germany, assignor, by mesne assignments, to E. I. du Pont de Nemours & Co., Wilmington, Del. Explosive composition for detonating rivets. 2,223,964; Dec. 3.
Napavance, William J., St. Cloud, Minn. Ice cream freezer. 2,213,368; Sept. 3.
Naphtali, Mathias, et al. (See Seinfeld, L., and Weiss.)
Napier, D., & Son Limited. (See Halford, Frank B., assignor.)
Napier, D., & Son Limited. (See Halford, F. B., and Arscott, assignors.)
Napier, D., & Son Limited. (See Ramsay, Frank R. F., assignor.)
Napolillo, Angelo, Chicago, Ill. Dough cutter. 2,214,475; Sept. 10.
Nardin, William T., Moorestown, N. J. Machine for cooking hot dogs. 2,211,024; Aug. 13.
Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Fluid pressure generation. 2,191,676; Feb. 27.
Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Clutch mechanism. 2,193,039; Mar. 12.
Nardone, Romeo M., East Orange, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Screw mechanism. 2,197,155; Apr. 16.

Nardone, Romeo M., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Aircraft appliance. 2,198,834; Apr. 30.
Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starter. 2,203,795; June 11.
Nardone, Romeo M., East Orange, N. J., assignor by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,204,437; June 11.
Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Hydraulic actuating means. 2,205,046; June 18.
Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Internal combustion engine. 2,205,047; June 18.
Nardone, Romeo M., East Orange, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Liquid pressure remote control system. 2,207,635; July 9.
Nardone, Romeo M., East Orange, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Fluid pressure generation. 2,207,936; July 16.
Nardone, Romeo M., East Orange, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,225,790; Dec. 24.
Nardulli, Michael J., Chicago, Ill. Venetian blind. 2,209,234; July 23.
Narrow Fabric Company, The. (See Thun, Louis R., assignor.)
Nash, Arthur D., Sewickley, Pa., assignor to Pittsburgh Plate Glass Company. Producing a cellular glass product. 2,202,714; May 28.
Nash, Arthur D., Sewickley, Pa., assignor to Pittsburgh Plate Glass Company. Producing ornamental glass tile. 2,215,227; Sept. 17.
Nash, Arthur E., Mt. Airy, Pa., assignors to Petroleum Conversion Corporation, Elizabeth, N. J. Vapor phase cracking system. 2,222,682; Nov. 26.
Nash, Austin B., Oklahoma City, Okla. Motorscope. 2,196,936; Apr. 9.
Nash, Charles P., Jr., Charlottesville, Va. Pipe. 2,218,853; Oct. 22.
Nash Engineering Company. (See Adams, Harold E., assignor.)
Nash, Gerald J., Wichita Falls, Tex. Detachable float plug. 2,202,461; May 28.
Nash, Henry E., assignor to Hercules Powder Company, Wilmington, Del. Electric blasting cap. 2,186,426; Jan. 9.
Nash, Henry E., assignor to Hercules Powder Company, Wilmington, Del. Electric blasting cap. 2,186,427; Jan. 9.
Nash, J. M., Company. (See Lippold, Carl J., assignor.)
Nash-Kelvinator Corporation. (See Beman, Ransom H., assignor.)
Nash-Kelvinator Corporation. (See Carney, Clifford R., assignor.)
Nash-Kelvinator Corporation. (See Doeg, Ralph W., assignor.)
Nash-Kelvinator Corporation. (See Erbach, Frederick R., assignor.)
Nash-Kelvinator Corporation. (See Ohmart, Grayston R., assignor.)
Nash-Kelvinator Corporation. (See Philipp, Lawrence A., assignor.)
Nash-Kelvinator Corporation. (See Wahlberg, Nils E., assignor.)
Nash, Leonard W., Damascus, Ohio, assignor to E. W. Bliss Company, Brooklyn, N. Y. Severing marginal trimmings as they are cut from sheet-metal strip. 2,203,738; June 11.
Nash, Leonard W., Damascus, and G. A. Martin, Salem, Ohio, assignors to E. W. Bliss Company, Brooklyn, N. Y. Coil transfer means. 2,207,893; July 16.
Nash, Marie D., et al. (See Nash, William C., assignor.)
Nash, Roy A., et al. (See Nash, William C., assignor.)
Nash, William C., assignor of one-fifth to M. Jones and one-fifth to M. D. Nash, Neenah, Wis., one-fifth to W. M. Nash, Chicago, Ill., and one-fifth to R. A. Nash, New Rochelle, N. Y. Web guide switch. 2,185,773; Jan. 2.
Nash, William M., et al. (See Nash, William C., assignor.)
Nash, William W., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Tool suspension. 2,212,695; Aug. 27.
Nash, William W., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Tool suspension. 2,212,696; Aug. 27.
Nasher, Sarah E., Stoughton, Mass. Reversible coat. 2,225,125; Dec. 17.
Nasher, Sarah E., Stoughton, Mass. Reversible coat. 2,225,126; Dec. 17.
Nashua Gummed and Coated Paper Company. (See Gautier, Trevor R., assignor.)
Nashua Manufacturing Company. (See Amory, Robert, assignor.)
Nashua Manufacturing Company. (See Moberg, Ivar O., assignor.)
Nasmith, John W., Heaton Mersey, Manchester, England. Combing machine. 2,202,816; June 4.
Nasmith, John W., Heaton Mersey, Manchester, England. Combing machine. 2,204,944; June 18.
Nasmith, John W., Heaton Mersey, Manchester, England. Combing machine. 2,214,341; Sept. 10.
Nass, Frederick H. (See Campbell, R., and Nass.)
Nass, Heinrich, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Radio beacon. 2,207,263; July 9.
Nassau, Max, Berlin-Wilmersdorf, F. Sommer, Berlin-Charlottenburg, and G. Wiegand, Berlin-Grunau, assignors to the firm: Chemische Fabrik Grunau Landshoff & Meyer A. G., Berlin-Grunau, Germany. Aqueous textile fiber impregnating composition. 2,210,595; Aug. 6.
Nassau Smelting and Refining Company. (See Bell, Charles H., assignor.)
Nassau Smelting and Refining Company. (See Deitz, L. S., Jr., and Weiser, assignors.)
Nassau Smelting & Refining Company. (See Scheuch, William A., assignor.)
Nassimbene, Ernest, assignor to The Gates Rubber Company, Denver, Colo. Endless V-type belt. 2,194,833; Mar. 26.
Nassos, Thomas, San Francisco, Calif. Globe cabinet. 2,218,212; Oct. 15.
Nast, Leo, New Brunswick, N. J. Portable oil can. 2,213,404; Sept. 3.
Nast, Leo, Plainfield, assignor to New Brunswick Die Molding Corporation, New Brunswick, N. J. Apparatus for manufacturing compound molded bodies. 2,226,408; Dec. 24.
Nast, Paul H., Royal Oak, Mich., assignor to Sullivan Machinery Company. Drill bit. 2,191,491; Feb. 27.
Nast, Paul H., Royal Oak, Mich., assignor to Sullivan Machinery Company. Drilling implement. 2,191,492; Feb. 27.
Natelson, Samuel, and A. E. Sobel, Brooklyn, and I. J. Drekter, Woodside, N. Y. Isolating cholesterol. 2,220,114; Nov. 5.
Nathan, Joseph D., Hartford, Conn. Apparel apparatus. 2,209,468; July 30.
Nathan, Siegfried A., now by judicial change of name, S. A. Norwood, Long Island City, N. Y., assignor to N. D. Norwood, Jersey City, N. J. Air and vacuum appliance for automobiles and automobile motors. 2,218,265; Oct. 15.
Nathan, Tracy D., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Pipe joint assembly. 2,209,235; July 23.
National Acme Company, The. (See Drissner, Alfred E., assignor.)
National Acme Company, The. (See Drissner, A. E., Hogg, Barkinen, and Garey, assignors.)
National Acme Company, The. (See Eckardt, Rudolf, assignor.)
National Acme Company, The. (See Hogg, William J., assignor.)
National Aluminate Corporation. (See Lindsay, F. K., and Braithwaite, assignors.)
National Aniline and Chemical Company. (See Coons, Kenneth W., assignor.)
National Aniline and Chemical Company. (See Crowell, Joyce H., assignor.)
National Aniline & Chemical Company. (See Eitelman, M. A., and Flett, assignors.)
National Aniline & Chemical Company. (See Flett, Lawrence H., assignor.)
National Aniline & Chemical Company. (See Foster, H. B., and Crowell, assignors.)
National Aniline & Chemical Company. (See Hoare, Robert C., assignor.)
National Aniline and Chemical Company. (See Kern, Jean G., assignor.)
National Aniline and Chemical Company. (See Kranz, Frederick H., assignor.)
National Aniline & Chemical Company. (See Liston, Thomas R., assignor.)
National Aniline & Chemical Company. (See Ogilvie, James, assignor.)
National Aniline & Chemical Company. (See Ogilvie, J., and Wilder, assignors.)
National Aniline & Chemical Company. (See Punnett, Elton B., assignor.)
National Aniline & Chemical Company. (See Robinson, Jack D., assignor.)
National Aniline and Chemical Company. (See Talbert, Guy W., assignor.)
National Aniline & Chemical Company. (See Toone, Gilbert C., assignor.)
National Aniline & Chemical Company. (See Wilder, Richard S., assignor.)
National Automotive Fibres, Inc. (See Cunnington, George R., assignor.)
National Automotive Fibres, Inc. (See Davies, Clarence J., assignor.)
National Automotive Fibres, Inc. (See Davies, C. J., and Ratley, assignors.)
National Automotive Fibres, Inc. (See Detrick, Edward R., assignor.)
National Automotive Fibres, Inc. (See Faris, H. P., Yochum, and Logan, assignors.)
National Automotive Fibres, Inc. (See Mitchell, Allister S., assignor.)
National Automotive Fibres, Inc. (See Mitchell, A. S., Davies, and Ratley, assignors.)
National Automatic Tool Company, The. (See Schafer, Robert A., assignor.)
National Battery Company. (See Davis, Espy G., assignor.)

National Bearing Metals Corporation. (See Vigne, A., and Cox, assignors.)
National Biscuit Company. (See Hawkins, W. J., and Oakes, assignors.)
National Biscuit Company. (See Tolley, Howard B., assignor.)
National Blank Book Company. (See Schade, Frank S., assignor.)
National Blank Book Company. (See Schade, John, assignor.)
National Brake Company. (See Mersereau, Everard C., assignor.)
National Broach & Machine Company. (See Drummond, Robert S., assignor.)
National Broach & Machine Company. (See Mentley, Max, assignor.)
National Broach & Machine Company. (See Praeg, Walter S., assignor.)
National Cable & Metal Co. (See Brown, Kenneth F., assignor.)
National Carbon Company. (See Granett, Philip, assignor.)
National Carbon Company. (See Heise, G. W., and Schumacher, assignors.)
National Carbon Company. (See Nichols, William D., assignor.)
National Carbon Company. (See Schumacher, E. A., and Heise, assignors.)
National Carbon Company, et al. (See Supplee, G. C., and Dorcas, assignors.)
National Cartage and Storage Limited. (See Denison, P. L. O., and Guest, assignors.)
National Cash Register Company, The. (See Brand, S., and Nelson, assignors.)
National Cash Register Company, The. (See Breitling, Ernst, assignor.)
National Cash Register Company, The. (See Breitling, E., and Topel, assignors.)
National Cash Register Company, The. (See Colley, A. R., and Geers, assignors.)
National Cash Register Company, The. (See Eickman, Willis E., assignor.)
National Cash Register Company, The. (See Ganger, Jesse R., assignor.)
National Cash Register Company, The. (See Gates, John E., assignor.)
National Cash Register Company, The. (See Geers, J. B., and Colley, assignors.)
National Cash Register Company, The. (See Green, Charles W., assignor.)
National Cash Register Company, The. (See Kirshner, Arthur C., assignor.)
National Cash Register Company, The. (See Lohrey, Carl N., assignor.)
National Cash Register Company, The. (See Neureiter, H., and Klaar, assignors.)
National Cash Register Company, The. (See Sheeler, H. E., and Engelauf, assignors.)
National Cash Register Company. (See Shipley, Bernis M., assignor.)
National Cash Register Company, The. (See Teague, Walter and W. D., Jr., and Nowland.)
National Cash Register Company, The. (See Wagner, Erich, assignor.)
National Cash Register Company, The. (See Williams, P. H., Ganger, Petit, and Davidson, assignors.)
National Casket Company Incorporated. (See MacDonald, M. J.; and C., F. C., and C. S. Schwendler, assignors.)
National Cine Laboratories. (See Walsh, Thomas J., assignor.)
National Colortype Company, The. (See Ryder, Charles D., assignor.)
National Company. (See Bacon, Dana H., assignor.)
National Company. (See Larkin, William J., Jr., assignor.)
National Conveyors Co. Inc. (See Perrin, Arthur M., assignor.)
National Copper Paint Corporation. (See Sweeney, Harry A., assignor.)
National Cornice Works. (See Ness, W. H. C., and Silverstone, assignors.)
National Cylinder Gas Company. (See Mott, C., and Whaley, assignors.)
National Distillers Products Corporation. (See Pattee, Ellis C., assignor.)
National Distillers Products Corporation. (See Rodenberg, Louis B., assignor.)
National Drug Company, The. (See Greenbaum, Frederick R., assignor.)
National Drug Company, The. (See Mulford, H. K., Paisley, and Peters, assignors.)
National Electric Products Corporation. (See Clayton, Martin M., assignor.)
National Electric Products Corporation. (See Manson, Ralph H., assignor.)
National Electric Products Corporation. (See Phillips, George E., assignor.)
National Electric Products Corporation. (See Robinson, William C., assignor.)
National Electric Products Corporation. (See Robinson, W. C., and Moore, assignors.)
National Enameling & Stamping Co. (See Davis, G. C., and Moon, assignors.)
National Enameling and Stamping Company. (See Moon, Herbert J., assignor.)
National Enameling and Stamping Company. (See Smith, Alva T., assignor.)
National Equipment Company. (See Bausman, Alonzo L., assignor.)
National Fabricating Company. (See Fischett, Vincent, assignor.)
National Fiberstok Envelope Co. (See Fleming, Raymond E., assignor.)
National Fireproofing Corporation. (See Matheny, Clarence S., assignor.)
National Fireproofing Corporation. (See Shipley, Roy A., assignor.)
National Foam System, Inc. (See Boyd, Fisher L., assignor.)
National Folding Box Company. (See Carruth, Herman A., assignor.)
National Folding Box Company. (See Ringler, William A., assignor.)
National Gypsum Company. (See Crandell, Dean D., assignor.)
National Gypsum Company. (See Manofsky, John J., assignor.)
National Heater Company. (See Barge, Raymond H., assignor.)
National Heating and Engineering Company. (See Metcalf, John J., assignor.)
National Hydrolator Company. (See Robertson, G. L., and Morris, assignors.)
National Lead Company. (See Alessandroni, Hugh V., assignor.)
National Lead Company. (See Behr, Gustave E., assignor.)
National Lead Company. (See Hayward, J. T., and (Huebotter, assignor).)
National Lead Company. (See Huebotter, Earl E., assignor.)
National Lead Company. (See Mudford, Harry D., assignor.)
National Lead Company. (See Kingsbury, F. L., and Schmidt.)
National Lead Company. (See O'Brien, Jolly W., assignor.)
National Lead Company. (See Plechner, W. W., and Jarmus, assignors.)
National Lead Company. (See Thompson, G. W., and Stewart, assignors.)
National Lead Company. (See Washburn, W. F., and Kingsbury, assignors.)
National Lead Company. (See Wieneke, Henry A., assignor.)
National Lock Co. (See Anderson, Lloyd, assignor.)
National Lock Co. (See Mitchell, Harvey, assignor.)
National Lock Co. (See North, Edwin W., assignor.)
National Lock Washer Company, The. (See Loutrel, Cyrus H., assignor.)
National Lock Washer Company, The. (See Schunk, Joseph, assignor.)
National Machinery Company, The. (See Clouse, William L., assignor.)
National Machinery Company, The. (See Friedman, John H., assignor.)
National Machinery Company, The. (See Williamson, Larkin R., assignor.)
National Malleable and Steel Castings Company. (See Bazeley, Arthur J., assignor.)
National Malleable and Steel Castings Company. (See Blackmore, William, assignor.)
National Malleable and Steel Castings Company. (See Blomberg, Martin P., assignor.)
National Malleable and Steel Castings Company. (See Buckius, Albert O., assignor.)
National Malleable and Steel Castings Company. (See Buckius, A. O., and Newberry, assignors.)
National Malleable and Steel Castings Company. (See Hobson, Roy C., assignor.)
National Malleable and Steel Castings Company. (See Metzger, William J., assignor.)
National Malleable and Steel Castings Company. (See Nekola, Harry O., assignor.)
National Malleable and Steel Castings Company. (See Newberry, Thomas E., assignor.)
National Malleable and Steel Castings Company. (See Shafer, James A., assignor.)
National Malleable and Steel Castings Company. (See Wittmer, Russell J., assignor.)
National Metal Products Company. (See Johnson, Ben F., assignor.)
National Meter Company. (See Whittaker, Alexander R., assignor.)
National Multiweaving Company. (See Stephens, Frank C., assignor.)
National Oil Products Company. (See Abramowitz, William L., assignor.)
National Oil Products Company. (See Davis, Gifford D., assignor.)
National Oil Products Company. (See Davis, L. W., and Segessemann, assignors.)
National Oil Products Company. (See Dombrow, Bernard A., assignor.)
National Oil Products Company. (See Dombrow, B. A., and Beach, assignors.)

National Oil Products Company. (See Dombrow, B. A., and Rosenberg, assignors.)
National Oil Products Company. (See Groll, T. F., Jr., and Small, assignors.)
National Oil Products Company. (See Kapp, Roland, assignor.)
National Oil Products Company. (See Kapp, R., and Steik, assignors.)
National Oil Products Company. (See Licata, Francis J., assignor.)
National Oil Products Company. (See Licata, F. J., and Nothum, assignors.)
National Oil Products Company. (See Price, D. D., and Pickel, assignors.)
National Oil Products Company. (See Robinson, Edwin A., assignor.)
National Oil Products Company. (See Rosenberg, Louis T., assignor.)
National Oil Products Company. (See Segessemann, Ernest, assignor.)
National Oil Products Company. (See Sherman, Laurence R., assignor.)
National Oil Products Co. (See Smith, Henry A., assignor.)
National Oil Seal Co. (See Johnson, Lloyd A., assignor.)
National Oil Seal Company. (See Johnson, L. A., and Owen, assignors.)
National Oil Seal Co. (See Owen, Allison D., assignor.)
National Paint, Varnish & Lacquer Association, Inc. (See Hoffman, Earl E., assignor.)
National Pattern Co. (See Donning, Henry B., assignor.)
National Pneumatic Company. (See Newkirk, John R., assignor.)
National Pneumatic Company. (See Parvin, Edward G., assignor.)
National Pressure Cooker Company. (See Hamilton, Everett R., assignor.)
National Pressure Cooker Company. (See Nelson, Carl, assignor.)
National Pressure Cooker Company. (See Nelson, Peter, assignor.)
National Pressure Cooker Company. (See Wittenberg, Edward H., assignor.)
National Processes Limited. (See Carter, William J. assignor.)
National Radiator Company, The. (See Hunter, Louis N., assignor.)
National Radiator Corporation. (See Holmes, C. H., and Geis, assignors.)
National Road Joint Manufacturing Company. (See Mier, E. L., and Wilcox, assignors.)
National Rubber Machinery Company. (See Soderquist, Leslie E., assignor.)
National Rubber Machinery Company. (See Stricklen, John R., assignor.)
National Seal Corporation. (See Montelione, Joseph M., assignor.)
National Seal Corporation. (See Van Blarcom, John H., assignor.)
National Seal Corporation. (See Wainwright, Herbert, assignor.)
National Selected Morticians. (See Jones, Hilton I., assignor.)
National Sewing Machine Company. (See Anderson, Floyd E., assignor.)
National Sewing Machine Company. (See List, R. F., and Dawson, assignors.)
National Silver Deposit Ware Co. (See Cravaritis, Andrew, assignor.)
National Slug Rejectors, Inc. (See Fry, B. W., and Gottfried, assignors.)
National Stamping Company. (See Gieleghem, Maurice J., assignor.)
National Stamping Company. (See Gieleghem, Maurice J., assignor.)
National Stamping Company. (See Harrison, George R., assignor.)
National Stamping Company. (See Thoma, Willard F., assignor.)
National-Standard Company. (See Bailey, Frederick S., assignor.)
National Standard Company. (See Håkansson, Per, assignor.)
National Standard Company. (See Pierce, Robert C., assignor.)
National Standard Company. (See Reum, W., and Hamilton, assignors.)
National Standard Company. (See Shook, Florain J., assignor.)
National Steel Car Corporation. (See Fraser, Alexander W., assignor.)
National Steel Construction Co. (See Eisinga, Dirk, assignor.)
National Sugar Refining Company. (See Schlegel, J. W., and Lang, assignors.)
National Supply Company, The. (See Dunn, J. A., and Elliot, assignors.)
National Supply Company, The. (See Frame, William M., assignor.)
National Supply Company, The. (See Hatfield, George A., assignor.)
National Supply Company, The. (See Hodge, Arthur O. A., assignor.)
National Supply Company, The. (See Klug, Harry J., assignor.)
National Supply Company, The. (See Leman, A. L., and Nevill, assignors.)
National Supply Company, The. (See Mahan, J. R., and Picard, assignors.)
National Supply Company, The. (See Morgan, John S., Jr., assignor.)
National Supply Company, The. (See Morgan, J. S., Jr., and Spalding, assignors.)
National Supply Company, The. (See Patton, Fred E., assignor.)
National Supply Company, The. (See Picard, John B., assignor.)
National Supply Company, The. (See Texter, Howard G., assignor.)
National Supply Company, The. (See Walters, Daniel W., assignor.)
National Supply Company, The. (See Young, Forrest J., assignor.)
National Telephone Supply Company, The. (See Klein, Charles H., assignor.)
National Telephone Supply Company, The. (See Klein, C. H., and Burns, assignors.)
National Television Corporation. (See Braselton, Chester H., assignor.)
National Television Corporation. (See Harding, Robert, Jr., assignor.)
National Television Corporation. (See Tubbs, Ernest A., assignor.)
National Television Corporation. (See Zillger, Arno, assignor.)
National Television and Manufacturing Corporation. (See Harding, Robert, Jr., assignor.)
National Tinsel Manufacturing Company. (See Crosser, David H., assignor.)
National Tinsel Manufacturing Company. (See Protz, William C., assignor.)
National Tool Company, The. (See Richer, Joseph R., assignor.)
National Tool Company, The. (See Lees, Ernest J., assignor.)
National Transit Pump & Machine Company. (See Sharp, Jefferson M., assignor.)
National Transit Pump & Machine Co. (See Staley, Benjamin M., assignor.)
National Triangle Securities, Inc. (See Odin, Eugene A., assignor.)
National Tube Company. (See Adams, O. P., and Evans, assignors.)
National Tube Company. (See Bannister, Bryant, assignor.)
National Tube Company. (See Davis, H., and Pawol, assignors.)
National Tube Company. (See Dugan, T. M., and Wright, assignors.)
National Tube Company. (See Dunn, Jerry J., assignor.)
National Tube Company. (See Findlater, Stevenson, assignor.)
National Tube Company. (See Gould, J. E., and Nielsen, assignors.)
National Tube Company. (See Graham, J. B., and Mayer, assignors.)
National Tube Company. (See Greenwood, George C., assignor.)
National Tube Company. (See Hayes, L. A., and Mahla, assignors.)
National Tube Company. (See Hybarger, Hugh K., assignor.)
National Tube Company. (See Johnson, Leonard V., assignor.)
National Tube Company. (See Jones, George H., assignor.)
National Tube Company. (See Jones, G. H., and Nielsen, assignors.)
National Tube Company. (See Kelso, John W., assignor.)
National Tube Company. (See Mahla, Walter T., assignor.)
National Tube Company. (See Maxwell, Karl A., assignor.)
National Tube Company. (See Mazurie, Harry R., assignor.)
National Tube Company. (See Moise, B. C., and Passmore, assignors.)
National Tube Company. (See Murray, Malcolm G., assignor.)
National Tube Company. (See Nielsen, Peer D., assignor.)
National Tube Company. (See Offutt, John W., assignor.)
National Tube Company. (See Wright, Edwin C., assignor.)
National Venetian Blind Co. (See Tolley, E. O. Z., and Hoffman, assignors.)
National Vulcanized Fibre Company. (See Lundquist, H. T., and Tatnall.)
National Wiring & Protective Co. (See Roeder, Paul, assignor.)
Natta, Giulio, Milan, Italy. Catalyst for chemical reactions in which participate carbon oxides. 2,193,464; Mar. 12.
Nattson, Jenny K., Arlington, Mass. Apparatus for cooling bakery products. 2,188,955; Feb. 6.
Natural Gas Equipment Inc. (See Thomas, John V., assignor.)

Natural Vitamins Corporation. (See Blaso, James G., assignor.)
Naturin-Werk Becker & Co. (See Braun, Emil, assignor.)
Nau, Robert H., Swissvale, and J. Sandin, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,225,791; Dec. 24.
Nauert, Carl H., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigerator. 2,217,875; Oct. 15.
Naugler, Walter E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Channeling and roughing machine. 2,225,078; Dec. 17.
Naul, James M. (See Diehl, F., and Naul.)
Naul, James M., Fanwood, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electromagnetic sewing machine. 2,223,330; Nov. 26.
Naumann, Herbert, Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Multiple yarn package holder. 2,197,747; Apr. 16.
Nauth, Raymond, Buffalo, N. Y. Recovery of values from lignite liquor. 2,202,959; June 4.
Nauth, Walter W., Winona, Minn. Fracture nail guide. 2,200,120; May 7.
Nau-Touron, Albert, Le Vesinet, assignor to I. Frenkel, Paris, France. Flyer spinning means. 2,218,620; Oct. 22.
Navarin, Louis L. L., Paris, assignor to Société des Accumulateurs fixes et de Traction, Romainville, France. Storage battery. 2,210,772; Aug. 6.
Navias, Louis, Schenectady, N. Y., assignor to General Electric Company. Glass-to-metal seal. 2,193,640; Mar. 12.
Navias, Louis, Schenectady, N. Y., assignor to General Electric Company. Ceramic material. 2,220,774; Nov. 5.
Navias, Louis, Schenectady, N. Y., assignor to General Electric Company. Ceramic material. 2,220,775; Nov. 5.
Nawiasky, Paul, Summit, and G. E. Sprenger, Westfield, N. J., assignors to General Aniline & Film Corporation. Thioxane sulphur trioxide addition compound. 2,219,748; Oct. 29.
Nawman, William L., Berkeley, Calif. Engine ignition means. 2,222,440; Nov. 19.
Nawman, William L., Albany, Calif. Engine ignition means. 2,222,441; Nov. 19.
Naylor, Walter E., assignor to The Beardsley & Piper Company, Chicago, Ill. Flask filling apparatus. 2,190,457; Feb. 13.
Naylor, William E., and P. J. Schlessiger, Endicott, assignors to International Business Machines Corp., New York, N. Y. Recording device. 2,195,868; Apr. 2.
Naysmith, Archibald M., J. F. Drew, and J. Budzinski, assignors to Macwhyte Company, Kenosha, Wis. Making grommets. 2,216,922; Oct. 8.
Nazarko, John, assignor to Detroit Harvester Company, Detroit, Mich. Shop truck and article carrier assembly. 2,215,529; Sept. 24.
Nead, John H., Hammond, Ind., assignor to Inland Steel Company, Chicago, Ill. Method of and apparatus for adding lead to steel. 2,197,259; Apr. 16.
Neal, Arthur M., Wilmington, Del., and B. M. Sturgis, Pitman, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of hexamethylene ammonium hexamethylene dithiocarbamate. 2,208,935; July 23.
Neal, Charles R., Encanto, Calif. Bullnose forming tool. 2,222,877; Nov. 26.
Neal, Chester T., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Control mechanism for liquid dispensing apparatus. 2,206,727; July 2.
Neal, Ernest C., Coquille, Oreg. Brake. 2,225,079; Dec. 17.
Neal, Ernest C., assignor, to Railway Track Joint Corporation, Coquille, Oreg. Railway spike for ties. 2,196,534; Apr. 9.
Neal, Franklin G., assignor to Springfield Wire & Tinsel Co., West Springfield, Mass. Antiskid tread. 2,201,113; May 14.
Neal, Herman L., Oklahoma City, Okla. Doorstep for the home. 2,221,358; Nov. 12.
Neal, Jack L., et al. (See Wells, Latinus A., assignor.)
Neal, Morris P. (See Marchev, A., and Neal.)
Neal, Ralph D., Los Angeles, Calif. Lid support. 2,195,093; Mar. 26.
Neal, Theophilus E., Prairie View, Tex. Smoker's pipe. 2,219,428; Oct. 29.
Neal, Vincent L., et al. (See Bowles, Carl E., assignor.)
Neal, William E., Montclair, assignor to The Osborne Company, Clifton, N. J. Balanced writing implement. 2,215,084; Sept. 17.
Neal, Younger, and G. G. Hebard, assignors to The Pure Oil Company, Chicago, Ill. Apparatus for determining the motion of well drilling tools. 2,225,709; Dec. 24.
Neale, Harold J., et al. (See Willing, Mark S., assignor.)
Neale, Harry G., Vineland, N. J. Hose winder or reel. 2,197,767; Apr. 23.
Neale, John E., and A. Guest, Coventry, England. Gas burner. 2,188,116; Jan. 23.
Neale, John E., and A. Guest, Coventry, England. Water-actuated gas or other fluid-controlling valve or electric switch. 2,225,882; Dec. 24.
Neale, John E., and A. Guest, Coventry, England. Gas oven. 2,226,907; Dec. 31.
Nealon, Matthew F., Scranton, Pa. Reinforced concrete stool or chair. 2,194,834; Mar. 26.
Neary, Edward J., St. Johns, Newfoundland. Apparatus for slicing meats and other food products. 2,207,754; July 16.
Neary, John F., Jr. (See Verhey, William, assignor.)
Neary, William. (See Webster, Daniel B., assignor.)
Neate, Reginald W., Kingston-on-Thames, and F. Chandler, Norbiton, England; said Chandler assignor to said Neate. Brake control mechanism. 2,212,165; Aug. 20.
Neatform Co. Inc., The. (See Goodman, M., and Lance, assignors.)
Nebe, William C., Gary, Ind. Shipping unit. 2,214,173; Sept. 10.
Nebel Knitting Company. (See Reitan, Oliver M., assignor.)
Nebel, Kurt W., Chicago, Ill. Portable shear. 2,190,911; Feb. 20.
Nebel, Max, Chemnitz, Germany. Latch needle. 2,192,533; Mar. 5.
Nebel, Max, Chemnitz, Germany. Flat knitting frame. 2,192,556; Mar. 5.
Nebel, Max, Chemnitz, Germany. Stocking. 2,211,475; Aug. 13.
Nebelung, Rudolf. (See Feist, E., and Nebelung.)
Neber, Max. (See Schowalter, W., Haussmann, Neber, Keppler, and Schroeter.)
Neckel, Edmund N., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Press control mechanism. 2,198,224; Apr. 23.
Neckel, Edmund N., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Stacking device. 2,224,606; Dec. 10.
Nedal, Peder, Meadville, Pa., assignor to Talon, Inc. Making fasteners. 2,219,165; Oct. 22.
Neebe, Lawrence L., Woodbury, N. J. Steam pipe arrangement for locomotives. 2,205,800; June 25.
Needham, James H., Detroit, Mich., assignor to Walker Manufacturing Company, Racine, Wis. Jack construction. 2,195,094; Mar. 26.
Neel, James P., Valley Center, Kans. Pumping well hook-off device. 2,207,937; July 16.
Neeld, Charles M., Pittsburgh, Pa. Bridge flooring. 2,210,252; Aug. 6.
Neely, Pallas J., H. L. Pruett, and C. M. Staples, Houston, Tex., assignors to The Duff-Norton Manufacturing Company, Pittsburgh, Pa. Tie puller jack. 2,219,577; Oct. 29.
Neely, William H., Cleveland, assignor of one-half to J. Kronheim, Cleveland Heights, Ohio, and one-half to J. C. Lincoln, Scottsdale, Ariz. Tacking strip. 2,209,629; July 30.
Neer, Clifford H. (See Wild, C. H., and Neer.)
Neer, Clifford H., assignor to Burt Machine Company, Incorporated, Baltimore, Md. Pack feed mechanism for labeling machines. 2,185,947; Jan. 2.
Neeson, Charles R., Dayton, Ohio, assignor, by mesne assignments, to Chrysler Corporation, Highland Park, Mich. Compressor unloading means. 2,185,473; Jan. 2.
Neeson, Charles R., Dayton, Ohio, assignor, by mesne assignments, to Chrysler Corporation, Highland Park, Mich. Railway air conditioning system comprising direct drive and ice storage. 2,185,515; Jan. 2.
Neeson, Charles R., Dayton, Ohio, assignor, by mesne assignments, to Chrysler Corporation, Highland Park, Mich. Internal combustion engine drive for compressors. 2,187,712; Jan. 16.
Neeson, Charles R., Dayton, Ohio, assignor, by mesne assignments, to Chrysler Corporation, Highland Park, Mich. Compressor mounting. 2,204,510; June 11.
Neeson, Charles R., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Floor mounted air conditioning unit. 2,213,347; Sept. 3.
Neeson, Charles R., Dayton, Ohio, assignor, by mesne assignments, to Chrysler Corporation, Highland Park, Mich. Compressor lubrication. 2,225,228; Dec. 17.
Neff, Brady A., Paden City, W. Va. Cigarette case. 2,194,983; Mar. 26.
Neff, William E., Williamsville, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Staple cutting apparatus. 2,217,766; Oct. 15.
Negrich, Samuel G., Detroit, Mich. Welding electrode. 2,219,817; Oct. 29.
Nehls, Charles H., Detroit, Mich. Padlock. 2,185,899; Jan. 2.
Nehmiz, Gerhard. (See Cords, O., and Nehmiz.)
Nehmiz, Gerhard, Berlin, and E. Budie, Potsdam, assignors to Norddeutsche Kabelwerke Aktiengesellschaft, Berlin, Germany. Air-space insulated electric cable. 2,216,419; Oct. 1.
Neibert, Harold, Davenport, assignor to Micro-Westco, Inc., Bettendorf, Iowa. Pump. 2,220,538; Nov. 5.
Neiderhiser, Ralph D., assignor to The Flexible Company, Loudonville, Ohio. Gear shift control assembly. 2,216,320; Oct. 1.
Neidhardt, Hans. (See Glaser, A., Koch, Neidhardt, and Brunke.)
Neidhart, Martin, Bonstetten, Switzerland. Tedder for spreading cut grass and the like. 2,201,317; May 21.
Neidhart, Martin, Bonstetten, Switzerland. Tedder for spreading cut grass and the like. 2,201,318; May 21.

Neidich, George G., New York, N. Y. Impression transmitting medium. 2,217,349; Oct. 8.
Neidich, Samuel A., Ventnor City, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,200,932; May 14.
Neil, Clifford A., Sunset Beach, Calif. Child blanket. 2,194,123; Mar. 19.
Neil, Joseph B., and T. C. O'Farrell, assignors of one-third to T. M. Ferguson, York, S. C. Machine for treating cotton plants. 2,200,242; May 14.
Neiley, Stephen B., Winchester, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Printing blanket. 2,202,020; May 28.
Neill, Charles W., et al. (See Matthews, Percy W., assignor.)
Neill, Gordon M. (See Stuart, C. P. L., and Neill.)
Neill, Joseph R., and A. L. Alves, assignors to The Watertown Manufacturing Company, Watertown, Conn. Case for opera glasses and the like. 2,212,123; Aug. 20.
Neill, Robert L., Birmingham, England, assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,197,480; Apr. 16.
Neils, Raymond E. (See Flynn, T. P., and Neils.)
Neilsen, Karl P., Long Beach, Calif. Duplex pump. 2,206,466; July 2.
Neilson, Howard R., Detroit, Mich. Cleaning and preparing metal for paint. 2,199,712; May 7.
Neilson, John F. (See Jones, J. E., Davies, and Neilson.)
Neiman, Charles H., assignor to York Ice Machinery Corporation, York, Pa. Air conditioner. 2,190,242; Feb. 13.
Neitzke, Oscar F., Belmont, assignor to Bennett Incorporated, Cambridge, Mass. Sizing composition and preparation. 2,198,289; Apr. 23.
Neklutin, Constantine N., Normandy, assignor to The Universal Match Corporation, St. Louis, Mo. Advertising wrapper. 2,226,736; Dec. 31.
Nekola, Harry O., Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Coupler pocket. 2,212,646; Aug. 27.
Nekton, Herman T., West Hempstead, Long Island, assignor to Samuel H. Moss, New York, N. Y. Making matrices. 2,204,905; June 18.
Nelems, Charles W., Birmingham, Ala. Form fitting metal spring seat. 2,203,598; June 4.
Nell, Ernst. (See Spaulding, Franklin, assignor.)
Nelles Investments, Limited. (See Burden, Henry J., assignor.)
Nelles, Johannes, Leverkusen-Schlebusch, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparation of titanium alcoholates and phenolates. 2,187,821; Jan. 23.
Nelles, Russell E., South Orange, N. J., assignor to Union Manufacturing Company, New Britain, Conn. Wheel stop for monorail trackage. 2,215,427; Sept. 17.
Nelles, Russell E., South Orange, N. J., assignor to The Union Manufacturing Company, New Britain, Conn. Monorail switch. 2,222,356; Nov. 19.
Nellist, Glenn C. (See Jesson, L. W., and Nellist.)
Nelly, Henry M., Jr. (See Keith, P. C., Jr. and Nelly.)
Nelms, George C., assignor to Portable Lamp & Equipment Company, Pittsburgh, Pa. Car stop. 2,207,329; July 9.
Nelms, Joseph C., East Cleveland, Ohio. Treating sulphur bearing coals. 2,204,148; June 11.
Nelms, Joseph C., East Cleveland, Ohio. Apparatus for cleaning loose materials. 2,214,434; Sept. 10.
Nelms, Robert C., et al. (See Carter, Sylvester A., assignor.)
Nelsen, Marvin, and T. Obszarny, assignors to Guardian Electric Manufacturing Company, Chicago, Ill. Relay. 2,208,225; July 16.
Nelsen, Marvin G., assignor to Guardian Electric Manufacturing Company, Chicago, Ill. Time delay relay. 2,226,070; Dec. 24.
Nelson, Adolph L., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Apparatus for forming master cams. 2,191,898; Feb. 27.
Nelson, Adolph L., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Grinding pistons. 2,197,940; Apr. 23.
Nelson, Adolph L., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Piston. 2,200,966; May 14.
Nelson, Alexander W., Belleville, N. J. Sheet feeding machine. 2,186,986; Jan. 16.
Nelson, Alfred H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Gas valve. 2,200,187; May 7.
Nelson, Bert J. (See Coles, W. H., and Nelson.)
Nelson, Carl, assignor to National Pressure Cooker Company, Eau Claire, Wis. Pressure cooker. 2,198,125; Apr. 23.
Nelson, Cary H., Altadena, Calif. Milling machine. 2,197,825; Apr. 23.
Nelson, Charles E. (See Peake, J. S., and Nelson.)
Nelson, Clarence E., Chicago, Ill., assignor to Kraft Cheese Company. Lemon juice composition. 2,215,334; Sept. 17.
Nelson, Charles E., and L. B. Otis, assignors to The Dow Chemical Company, Midland, Mich. Calcium base alloy. 2,221,263; Nov. 12.
Nelson, Charles E., and E. Rusco, Moline, Ill., assignors to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Adjustable implement support. 2,226,572; Dec. 31.
Nelson, Charles F., Tenafly, N. J., assignor to American Telephone and Telegraph Company. Telephone line. 2,216,650; Oct. 1.
Nelson, Chester I., Davenport, Iowa. Adjustable shovel. 2,221,219; Nov. 12.
Nelson, Christ B., Cleveland, Ohio. Electrical cooking appliance. 2,197,056; Apr. 16.
Nelson, Christian B., and I. Spinner, assignors, by mesne assignments, to Plastic Binding Corporation, Chicago, Ill. Binder forming apparatus. 2,211,743; Aug. 13.
Nelson, Christian B., and I. Spinner, assignors, by mesne assignments, to Plastic Binding Corporation, Chicago, Ill. Forming a binder. 2,211,744; Aug. 13.
Nelson, Clare G., Portland, Oreg. Miniature basketball game. 2,201,560; May 21.
Nelson, Coleman H. (See Brown, George E., assignor.)
Nelson, Curtis O., Belleville, Ill. Automatic broadcasting station selector and volume control. 2,197,312; Apr. 16.
Nelson, David J., Buffalo, N. Y., assignor, by mesne assignments, to Martin & Schwartz, Inc. Control device for gasoline dispensing systems. 2,211,476; Aug. 13.
Nelson, David V., Chicago, Ill. Cleaner construction. 2,216,249: Oct. 1.
Nelson, Edward. (See Shore, Richard B., assignor.)
Nelson, Edward F., Vallejo, Calif. Stud welder. 2,191,494; Feb. 27.
Nelson, Edward F., Vallejo, Calif. Mechanism for butt-welding. 2,217,964; Oct. 15.
Nelson, Emil A., St. Clair Shores, Mich. Centrifugal casting method. 2,193,537; Mar. 12.
Nelson, Emil A., St. Clair Shores, Mich. Mold for centrifugal casting. 2,214,508; Sept. 10.
Nelson, Frank E., Belmont, Mass. Universal coupling. 2,206,291; July 2.
Nelson, Fred, et al. (See Weeks, Lloyd W., assignor.)
Nelson, George M., Renton, Wash. Skirt and breeches hanger. 2,214,536; Sept. 10.
Nelson, Gunnar. (See Brand, S., and Nelson.)
Nelson, Gustave, et al. (See Everett, Edward A., assignor.)
Nelson, Gustave A., et al., executors. (See Everett, Edward A.)
Nelson, Gustav A., Mobile, Ala. Belt. 2,220,266; Nov. 5.
Nelson, Hans. (See Beck, E. J., and Bluemink, assignors.)
Nelson, Hans. (See Glidden, Raymond B. and R. L., and Nelson.)
Nelson, Harold L., Pasadena, Calif. Valve. 2,220,170; Nov. 5.
Nelson, Harry O., Miami Beach, Fla. Louver ventilator. 2,227,360; Dec. 31.
Nelson, Henry P., Yonkers, N. Y. Abrasive composition. 2,201,700; May 21.
Nelson, Henry P., Stratford, Conn. Stair tread and floor slab surfacing. 2,216,250; Oct. 1.
Nelson, Herman, Corporation, The. (See Shurtleff, Wilfred, assignor.)
Nelson, Herbert, Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,213,551; Sept. 3.
Nelson, Irving. (See Hawley, J. B., Nelson, Hallberg, and Cannon.)
Nelson, J. B., et al. (See Brown, Lawrence L., assignor.)
Nelson, Jabez C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Agitator for washing machines. 2,208,102; July 16.
Nelson, James H., assignor to The Dumore Company, Racine, Wis. Preload adjustment for ball bearings. 2,188,251; Jan. 23.
Nelson, John, Chicago, Ill. Weed guard. 2,206,486; July 2.
Nelson, John, Chicago, Ill. Artificial fish lure. 2,206,789; July 2.
Nelson, John F. J., assignor to R. E. Curran, New York, N. Y. Comb and detachable brush combination. 2,226,318; Dec. 24.
Nelson, John J., Birmingham, Ala. Air hose connection. 2,191,579; Feb. 27.
Nelson, John N., Rochester, assignor to Shuron Optical Company, Inc., Geneva, N. Y. Finger piece mounting. 2,195,897; Apr. 2.
Nelson, Joseph F., Elizabeth, N. J., assignor to Standard Oil Development Company. Lubricating oil. 2,215,591; Sept. 24.
Nelson, Kurt B., Pittsburgh, Pa. Coin-operated weighing and dispensing device. 2,198,012; Apr. 23.
Nelson, L. R., Mfg. Co. Inc. (See Buelna, Guadalupe, assignor.)
Nelson, Laurence A., assignor to Yellow Truck & Coach Manufacturing Company, Pontiac, Mich. Vehicle refrigeration system. 2,214,933; Sept. 17.
Nelson, Lewen R., Peoria, Ill. Sprinkler. 2,221,878; Nov. 19.
Nelson, Martin L. (See Bellamy, J. I., Nelson, and Obergfell.)
Nelson, Martin L. (See Robinson, H. C., Bellamy, and Nelson.)

Nelson, Martin L. (See Robinson, H. C., Johnston, Nelson, and Clare.)
Nelson, Morris C., Inwood, Iowa. Manure loader. 2,220,267; Nov. 5.
Nelson, Nels A., assignor to R. T. Maloney, Chicago, Ill. Ball rolling game. 2,219,934; Oct. 29.
Nelson, Nels A., assignor to R. T. Moloney, Chicago, Ill. Vibrator. 2,222,422; Nov. 19.
Nelson, Norman O. (See Dale, D. B., and Nelson.)
Nelson, Oscar, Walker, Minn. Calculator. 2,185,677; Jan. 2.
Nelson, Oscar H., Peshtigo, Wis. Instrument for defining arcs and irregular curves. 2,220,422; Nov. 5.
Nelson, Peter, Menomonie, assignor, by mesne assignments, to National Pressure Cooker Company, Eau Claire, Wis. Pressure cooker. 2,195,132; Mar. 26.
Nelson, Reuben L., Casper, Wyo. Pump for chemical materials. 2,192,325; Mar. 5.
Nelson, Richard M., Larchmont, N. Y., and K. W. McNeil, Bridgeport, Conn., assignors to Reflecto Letters Inc. Translucent display. 2,200,339; May 14.
Nelson, Robert F., Ardmore, assignor to The Glassine Paper Company, West Conshohocken, Pa. Making glassine paper. 2,211,348; Aug. 13.
Nelson, Rochford R., Kansas City, Mo. Applicator. 2,222,235; Nov. 19.
Nelson, Roy F. (See Deutzer, A. J., and Nelson.)
Nelson, Roy F., and W. S. Hurwitz, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Pipe thread lubricant. 2,205,990; June 25.
Nelson, Rudolph S., Larchmont, N. Y., assignor to The Hoover Company, North Canton, Ohio. Absorption refrigerating apparatus. 2,204,226; June 11.
Nelson, Rudolph S., Larchmont, N. Y., and C. C. Coons, assignors to The Hoover Company, North Canton, Ohio. Absorber for refrigerating systems. 2,196,707; Apr. 9.
Nelson, Rudolph S., and A. D. Siedle, assignors to The Hoover Company, North Canton, Ohio. Heat exchanger. 2,204,613; June 18.
Nelson, Rudolph S., Larchmont, N. Y., and A. D. Siedle, Canton, assignors to The Hoover Company, North Canton, Ohio. Making a heat exchanger. 2,204,614; June 18.
Nelson, Tom H., Villanova, assignor to Harrisburg Steel Corporation, Harrisburg, Pa. Apparatus for the hardening of tubular steel articles. 2,218,958; Oct. 22.
Nelson, Tom H., Villa Nova, assignor to South Chester Tube Company, Chester, Pa. Heat treatment for pipes. 2,222,263; Nov. 19.
Nelson, William, assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,208,226; July 16.
Nelson, William A., Minneapolis, Minn. Garment hanger. 2,205,489; June 25.
Nelson, William A., Detroit, Mich. Tire and wheel protector. 2,212,166; Aug. 20.
Nelson, William D., Buchanan, Mich. Rake. 2,215,592; Sept. 24.
Nelson, William J., Oak Park, assignor to J. E. Burns, Trustee, Chicago, Ill. Motor jack. 2,221,843; Nov. 19.
Nelson, William K. (See Anderson, A. P., and Nelson.)
Nelson, William N., et al. (See O'Connor, Edward P., assignor.)
Nelson, William W., Cambridge, Mass. Fastening and tuning musical instrument strings. 2,216,601; Oct. 1.
Nemec, Joseph, Western Springs, Ill. Refrigerator. 2,225,924; Dec. 24.
Nemetz, Gustav, assignor to A. Friedmann, Vienna, Austria. Lubricating device for the axle bearings of railway vehicles. 2,197,704; Apr. 16.
Nemetz, Gustav, assignor to the firm Alex. Friedmann, Vienna, Austria. Oil distributing and apportioning device. 2,197,705; Apr. 16.
Nemmer, Leo B., Buffalo, and W. O. Emmons, Lockport, N. Y., assignors to General Motors Corporation, Detroit, Mich. Radiator header. 2,212,242; Aug. 20.
Nenninger, Lester F., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Spindle construction. 2,192,856; Mar. 5.
Nenninger, Lester F., Cincinnati, and E. G. Roehm, Norwood, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Operating control mechanism for milling machines. 2,209,469; July 30.
Nenstiel, Arthur E., Hazleton, Pa. Handling device. 2,185,561; Jan. 2.
Neocell Products Corporation. (See Bratring, Kurt, assignor.)
Neocell Products Corporation. (See Plötze, Adolf C., assignor.)
Neolux, Inc. (See Jónap, Laszlo, assignor.)
Neon Animations, Inc. (See Seaman, R. H., and Schwenden, assignors.)
Neon Research Corporation, The. (See Mitscherling, Waldemar O., assignor.)
Ne Page, Ervin R., Seattle, Wash. Producing photographic transparencies. 2,218,828; Oct. 22.
Nepera Chemical Co. (See Tisza, E. T., Duesel, and Friedman, assignors.)
Neptune, Herman P., Los Angeles, Calif. Screed support. 2,224,273; Dec. 10.
Neptune Meter Company. (See Bugg, Kenly C., assignor.)
Neptune Meter Company. (See Hazard, Charles S., assignor.)
Neptune Meter Company. (See Hazard, C. S., and Hayes, assignors.)
Neptune Meter Company. (See Marden, William L., assignor.)
Neracher, Carl A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,208,643; July 23.
Neracher, Carl A., Detroit, and T. Iavelli, Dearborn, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. Re. 21,351; Feb. 13.
Nerad, Anthony J., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid generator. 2,206,704; July 2.
Nerad, Anthony J., Schenectady, N. Y., assignor to General Electric Company. Mercury boiler. 2,219,935; Oct. 29.
Neresheimer, Heinrich. (See Honold, E., Neresheimer, Schubert, Stein, and Reich.)
Neresheimer, Heinrich. (See Honold, E., Neresheimer, Schubert, Stein, and Saftien.)
Neresheimer, Heinrich, Ludwigshafen-on-the-Rhine, E. Honold, Frankfort-on-the-Main, B. Stein, Ludwigshafen-on-the-Rhine, M. Schubert, Frankfort-on-the-Main, and E. Anton, Ludwigshafen-on-the-Rhie, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs and their leuco esters. 2,186,389; Jan. 9.
Neresheimer, Heinrich, and A. Vilsmeier, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline & Film Corporation. Condensation product of the perylene series. 2,191,114; Feb. 20.
Nerney, Lester W., Attleboro, Mass. Condiment sprinkler. 2,187,245; Jan. 16.
Nerwin, Hubert, Dresden-Reick, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic camera. 2,187,246; Jan. 16.
Nerwin, Hubert, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic camera. 2,190,729; Feb. 20.
Nerwin, Hubert, Dresden-Reick, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Camera. 2,192,692; Mar. 5.
Nerwin, Hubert, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Adjustable diaphragm. 2,222,298; Nov. 19.
Nerwin, Hubert, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Shutter for photographic cameras. 2,223,965; Dec. 3.
Nesbitt, Clarence M., Oneonta, N. Y., and D. E. Warner, Storrs, Conn., assignors to Carromeal, Inc., West Brookfield, Mass. Preparing dried vegetable food products. 2,227,317; Dec. 31.
Nesbitt, Ethan A. (See Kelsall, G. A., and Nesbitt.)
Nesbitt, Francis G. (See Crane, C. J., and Nesbitt.)
Nesbitt, Jerry M., and J. O. Andree, Wichita Falls, Tex., assignors to J. C. Halbert. Well pump jack. 2,213,323; Sept. 3.
Nesbitt, John J., Inc. (See McElgin, John, assignor.)
Nesbitt, Michael C., Victoria, British Columbia, Canada. Hoist. 2,221,359; Nov. 12.
Nesfield, Albert C., Ealing, London, assignor to Low Moor Alloy Steelworks Limited, London, England. Refining of pig iron and the production of steels and alloy steels. 2,223,738; Dec. 3.
Nesmith, Fisher H., as trustee. (See Lawrence, Abbott W., assignor.)
Ness, Charles, Indianapolis, Ind., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Combined shipping container and gas generator. 2,211,430; Aug. 13.
Ness, William H. C., and M. L. Silverstone, assignors to National Cornice Works, Los Angeles, Calif. Hot food table. 2,207,814; July 16.
Nessell, Clarence W. (See Grant, A. C., and Nessell.)
Nessell, Clarence W., Dayton, Ohio, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system. 2,194,986; Mar. 26.
Nessell, Clarence W., Dayton, Ohio, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,196,170; Apr. 9.
Nessell, Clarence W., Dayton, Ohio, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,223,295; Nov. 26.
Nesselmann, Kurt, and E. Sprengel, Berlin-Siemensstadt, assignors to Patentverwertungs-Gesellschaft mit beschränkter Haftung "Hermes," Berlin, Germany. Absorption refrigerating apparatus. 2,221,551; Nov. 12.
Nesset, Naurice M., assignor to Baxter Laboratories, Inc., Glenview, Ill. Filter flow device. 2,186,987; Jan. 16.
Nesset, Naurice M., assignor to Baxter Laboratories, Inc., Glenview, Ill. Bottle stopper for the storing of sterile liquids. 2,191,495; Feb. 27.
Nesset, Naurice M., assignor to Baxter Laboratories, Inc., Glenview, Ill. Liquid withdrawal and dispensing means. 2,222,371; Nov. 19.
Nessler, Aldo E. (See Hampton, W. O., Nessler, and Wenz.)
Nessler, Charles, Palisades, N. Y. Method and apparatus for conditioning integuments. 2,224,880; Dec. 17.
Nesson, Israel, Lynn, assignor to M. Zaiger, Swampscott, Mass. Signal light switch and control therefor. 2,194,210; Mar. 19.
Nettles, Stella W., Houston, Tex. Coat hanger cover. 2,192,237; Mar. 5.
Netz, Ralph M., Perrysburg, assignor to Western Cataphote Corporation, Toledo, Ohio. Reflector unit. 2,192,557; Mar. 5.

Neu, Edmund, Oggersheim, Germany. Converting cellulose materials by means of hydrochloric acid. 2,220,846; Nov. 5.
Neu, John H., Chicago, Ill. Sales ticket. 2,194,670; Mar. 26.
Neu, Richard. (See Hueter, R., Neu, and Engelbrecht.)
Neu, Richard, Dessau-Rosslau, Anhalt, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Pest destroying emulsion. 2,194,446; Mar. 19.
Neuberger, Lester, assignor to Ward Baking Company, New York, N. Y. Toasting bread. 2,186,807; Jan. 9.
Neuberger, Lester, New York, assignor to Ward Baking Company, Bronx, N. Y. Toasting apparatus. 2,207,264; July 9.
Neubig, Christian C., and F. Killingsworth, Plaquemine, La. Radio chassis jack. 2,211,287; Aug. 13.
Neubling, Edward, New York, N. Y. Valve for water meters. 2,196,425; Apr. 9.
Neuens, Victor C., Taft, Calif. Cockroach trap. 2,210,253; Aug. 6.
Neufeld, Carl W., Mariemont, assignor to The Perfect Manufacturing Company, Cincinnati, Ohio. Electrodialysis of papain. 2,219,209; Oct. 22.
Neufeld, Jacob, Tulsa, Okla. Stabilizing method and device. 2,190,037; Feb. 13.
Neufeld, Jacob, Tulsa, Okla. Position and direction determining system. 2,190,038; Feb. 13.
Neufeld, Jacob, Tulsa, Okla. Navigational method and apparatus. 2,190,039; Feb. 13.
Neufeld, Jacob, Tulsa, Okla. Measuring visibility. 2,198,971; Apr. 30.
Neufeld, Jacob, Tulsa, Okla. Position determining system and method. 2,204,438; June 11.
Neufeld, Jacob, Tulsa, Okla. Position finding. 2,214,342; Sept. 10.
Neugass, Edwin A., New York, N. Y. Illuminator. 2,186,143; Jan. 9.
Neugebauer, Franz, Allach, near Munich, Germany, assignor to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. Arrangement for driving the propeller of an aircraft. 2,196,563; Apr. 9.
Neugebauer, Hans. (See Falta, W., Gretener, Neugebauer, and Staude.)
Neugebauer, Wilhelm. (See Schneider, F., Altgelt, and Neugebauer.)
Neugebauer, Wilhelm, and O. Süs, assignors to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Diazotype process. 2,205,991; June 25.
Neuhart, Andrew, West View, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Perforating attachment for presses or the like. 2,206,112; July 2.
Neuhaus, Gustav, Essen-Stadtwald, Germany, assignor to Askania-Werke A. G. Friction gear. 2,218,434; Oct. 15.
Neuhausen, Sebastian P., Lombard, Ill. Hand implement. 2,194,716; Mar. 26.
Neuland, Alfons H., Irvington, N. J. Internal combustion engine. 2,209,996; Aug. 6.
Neumair, Joseph A., Hollis, N. Y., assignor to International Cigar Machinery Company. Packaging cigars. 2,190,189; Feb. 13.
Neumair, Joseph A., Hollis, N. Y., assignor to International Cigar Machinery Company. Cigar enveloping machine. 2,195,222; Mar. 26.
Neuman, Fried v. Neuman. (See Gruber, H., and von Neuman, assignors.)
Neuman, Harry G. (See Neuman, Jacob J. and H. G.)
Neuman, Jacob J., assignor to United States Patent Development and Royalty Company, South Salem, N. Y. Timing device for control circuits. 2,220,847; Nov. 5.
Neuman, Jacob J., assignor to United States Patent Development and Royalty Company, South Salem, N. Y. Device for reducing side wear upon belts in pulleys. 2,220,848; Nov. 5.
Neuman, Jacob J., Jamaica, and H. G. Neuman, Yorktown Heights, assignors to United States Patent Development and Royalty Company, South Salem, N. Y. Bag filling and weighing device. 2,191,147; Feb. 20.
Neuman, William E., Moorestown, N. J., assignor to Radio Corporation of America. Automatic tuning control system. 2,210,425; Aug. 6.
Neumann, Erwin R., and W. J. Walter, Perry, Tex. Cultivator fender adjuster. 2,195,338; Mar. 26.
Neumann, Friedrich, Eckernforde-on-the-Baltic, Germany. Eel basket. 2,193,072; Mar. 12.
Neumann, George R. (See Mueller, M. L., and Neumann.)
Neumann, Ludwig. (See Kaemmerer, H., Neumann, and Schweizer.)
Neumeister, Carl L., Oak Park, assignor to The Celotex Corporation, Chicago, Ill. Tiling. 2,189,218; Feb. 6.
Neumeyer & Dimond, Inc. (See Kufferath, Antonius, assignor.)
Neumueller, Julius F., Quinebaug, Conn., assignor to American Optical Company, Southbridge, Mass. Orthoptic exercises. 2,211,072; Aug. 13.
Neumueller, Julius F., Quinebaug, and J. Y. Taylor, assignors to American Optical Company, Southbridge, Mass. Eye testing device. 2,206,303; July 2.
Neunherz, Herbert W., Gardner, Mass. Pivot joint for folding cots. 2,211,381; Aug. 13.
Neunuebel, Edward C. (See Gruensfelder, R., and Neunuebel.)
Neureiter, Hubert, Essen, and A. Klaar, Bielefeld, Germany, assignors to The National Cash Register Company, Dayton, Ohio. Multiple totalizer selecting means. 2,192,164; Feb. 27.
Neurohr, Anthony G., Bay City, Mich. Angle trisector. 2,222,853; Nov. 26.
Neuschaefer, Franz. (See Klinkenstein, Gustave, assignor.)
Neuschaefer, Franz, Rye, N. Y. Device and method for treating fingernails. 2,225,567; Dec. 17.
Neuschotz, Robert, assignor to Cinaudagraph Corporation, Stamford, Conn. Loudspeaker and method of formation. 2,197,649; Apr. 16.
Neuschwanger, Elmer G., and H. C., Marshalltown, Iowa. Crochet hook. 2,217,524; Oct. 8.
Neuschwanger, Henrietta C. (See Neuschwanger, Elmer G. and H. C.)
Neuss, Oskar. (See Goldschmidt, H., and Neuss.)
Neuwirth, Abraham A., Floral Park, N. Y. Medical applicator for the nasal passages. 2,195,281; Mar. 26.
Neuwirth, Herman, et al. (See Larsen, Louis G., assignor.)
Neuwirth, Herman, Brooklyn, N. Y. Photographic printing frame. 2,211,833; Aug. 20.
Neuwirth, Herman, Brooklyn, assignor to Testrite Instrument Company, Inc., New York, N. Y. Hand reading glass and the like. 2,208,642; July 23.
Neuwirth, Herman, Brooklyn, assignor to Testrite Instrument Company, Inc., New York, N. Y. Cutting apparatus. 2,219,485; Oct. 29.
Neuwirth, Herman, Brooklyn, assignor to Testrite Instrument Company, Inc., New York, N. Y. Rubbing down device. 2,225,229; Dec. 17.
Nève, Pierre, Sclaigneaux, Belgium. Effecting reducing metallurgical reactions. 2,201,738; May 21.
Nevill, Gale E. (See Leman, A. L., and Nevill.)
Neville Company, The. (See Anderson, G. K., Taylor, and Fishel, assignors.)
Neville Company, The. (See Carmody, William H., assignor.)
Neville Company, The. (See Rivkin, Joseph, assignor.)
Neville Company, The. (See Rivkin, J., and Scheib.)
Neville, George A., assignor to Albany Felt Company, Albany, N. Y. Mechanical fabric. 2,209,205; July 23.
Neville, Harvey A., and W. C. Forbes, Bethlehem, Pa., assignors to Devoe & Raynolds Co. Inc. Artificial bristle and making same. 2,207,156; July 9.
Neville, Harvey A., and W. C. Forbes, Bethlehem, Pa., assignors to Devoe & Raynolds Co. Inc. Artificial bristle and making same. 2,207,157; July 9.
Neville, Harvey A., and W. C. Forbes, Bethlehem, Pa., assignors to Devoe & Raynolds Co. Inc. Artificial bristle. 2,207,158; July 9.
Nevin, Donald A., assignor to The McBee Company, Athens, Ohio. Card and the like for sequence sorting. 2,213,607; Sept. 3.
Nevin, Howard S., Detroit, and G. Kaloustian, Highland Park, assignors to Cobrecite Corporation, Detroit, Mich. Siliceous products and making same. 2,209,170; July 23.
Nevin, Mendel, Brooklyn, N. Y. Hypodermic syringe, medicament container therefor, and preparing same. 2,193,489; Mar. 12.
Nevin, William B., Quincy, Mass. Household measuring cup with cleaning attachment. 2,195,133; Mar. 26.
Nevins-Church Press, The. (See Nevins, Matthew J., Jr., assignor.)
Nevins, Matthew J., Jr., Glen Ridge, N. J., assignor to The Nevins-Church Press, New York, N. Y. Display stand. 2,206,728; July 2.
New, Charles A. (See New, Francis H. M., assignor.)
New, Francis H. M., assignor of one-half to C. A. New, Greenville, S. C. Engraving and similar machine. 2,207,440; July 9.
New, Fred M., assignor to Fredcraft Corporation, New York, N. Y. Shooting implement. 2,212,257; Aug. 20.
New, Fred M., New York, N. Y. Bombing game apparatus. 2,216,278; Oct. 1.
Newark Stove Company. (See Pickup, George E., assignor.)
New Bedford Cordage Co. (See Walter, Martin, Jr., assignor.)
Newberry, John T., Memphis, Tenn. Check valve. 2,205,150; June 18.
Newberry, Thomas E., (See Buckius, A. O., and Newberry.)
Newberry, Thomas E., Northumberland, Pa., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Oil conveying member for journal boxes. 2,204,376; June 11.
Newbery, George. (See Ewins, A. J., and Newbery.)
Newbery, Ivor B., Buffalo, assignor to Universal Research Corporation, Kenmore, N. Y. Vaporizer for combustion engines. 2,218,922; Oct. 22.
Newbold, Thomas J., Santa Clara, N. Y. Heat-treating device. 2,188,793; Jan. 30.
New Britain Machine Company, The. (See Costello, William F., assignor.)
New Britain Machine Company, The. (See Montgomery, Donald H., assignor.)
New Britain Machine Company, The. (See Montgomery, D. H., and Jobert, assignors.)

New Brunswick Die Molding Corporation. (See Nast, Leo, assignor.)
Newby, Grant W., Platteville, Wis. Gas fired burner. 2,210,301; Aug. 6.
Newby, William, Youngstown, and A. F. Frazier, Niles, Ohio. Rolling mill feed table. 2,207,302; July 9.
Newcastle Products Inc. (See McGuire, E. C., Oberdorfer, and Van Buskirk, assignors.)
Newcomb, Maron W. (See Plym, L. M., and Newcomb.)
Newcomb, Maron W., Glen Ellyn, Ill. Adjustable link. 2,205,065; June 18.
Newcomer, Harry S., New York, N. Y. Projection optical system. 2,193,465; Mar. 12.
Newcomer, Harry S., New York, N. Y. Anamorphosing color optical system. 2,207,409; July 9.
Newcum, Kenneth M., assignor to Superior Valve & Fittings Company, Pittsburgh, Pa. Refrigerating apparatus. 2,220,726; Nov. 5.
Newell, Frank M., Lowell, Mich. Door check and closer. 2,212,789; Aug. 27.
Newell, George K. (See McCune, J. C., and Newell.)
Newell, George K., near Pitcairn, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid compressor. 2,204,814; June 18.
Newell, George K., Pitcairn, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Load brake apparatus. 2,204,815; June 18.
Newell, Heber L., Stratford, Conn., assignor to General Electric Company. Toaster. 2,217,450; Oct. 8.
Newell, John D. (See Drotning, H. O., and Newell.)
Newell, Robert E., Irwin, assignor to Robertshaw Thermostat Company, Youngswood, Pa. Thermostat. 2,201,375; May 21.
Newell, Robert E., Irwin, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Water heating system. 2,218,341; Oct. 15.
Newell, William H., Bronx, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Follow-up. 2,194,170; Mar. 19.
New England Alcohol Company. (See Bump, Albert H., assignor.)
New England Bedding Company. (See Feldman, Jacob C., assignor.)
New England Bedding Company. (See Johnson, Gustave A., assignor.)
New England Box Company, The. (See Johnson, Edward T., assignor.)
New England Glass Works. (See Mark, Louis C., assignor.)
New England Mica Company. (See Boughton, W. A., and Mansfield, assignors.)
New Era Sales Machine Company. (See Hanley, H. C., and Rosenberger, assignors.)
Newey, William H., Hingham, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Closure applying machine. 2,187,429; Jan. 16.
Newey, William H., Hingham, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Closure applying machine. 2,198,225; Apr. 23.
Newhall, Benjamin G., Forest Park, Ill., assignor to Mojonnier Bros. Co. Heat exchanger. 2,211,514; Aug. 13.
Newhall, Howard D. (See Grout, Perley F., assignor.)
New Haven Clock Company, The. (See Whitehead, Richard H., assignor.)
New Haven Clock Company, The. (See Whitehead, R. H., and Langbein, assignors.)
New Haven Copper Company, The. (See Koenig, Edward H., assignor.)
New Haven Copper Company, The. (See Strang, E. S., and Farmer, assignors.)
New Haven Copper Company, The. (See Strang, E. S., Farmer, and Koenig, assignors.)
New Haven Copper Company, The. (See Strang, E. S., and Koenig.)
New Haven Vibrator Company, The. (See Pickop, George B., assignor.)
New Hermes, Inc. (See Kapp, G., and Schimmel, assignors.)
Newhouse, Carl J., et al. (See Scheel, Wilhalm F., assignor.)
Newhouse, Frank F., Glendale, Calif. Garment hanger. 2,187,691; Jan. 16.
Newhouse, Ray C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rotary cooler. 2,218,476; Oct. 15.
Newhouse, Russell C. (See Higgins, W. H. C., and Newhouse.)
Newhouse, Russell C. (See Lane, R. F., and Newhouse.)
Newhouse, Russell C., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Measurement of frequency modulated waves. 2,218,923; Oct. 22.
Newhouse, Russell C., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio speed and drift indicator. 2,223,224; Nov. 26.
Newhouse, Walter F., Benton Harbor, Mich. Basket machine. 2,200,560; May 14.
Newhouse, Walter F., Benton Harbor, Mich. Cover fastener. 2,204,865; June 18.
Newhouse, Walter F., Benton Harbor, Mich. Cover fastener. 2,222,117; Nov. 19.
New Idea, Inc. (See Vutz, Wilhelm, assignor.)
Newill, Edward B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,185,965; Jan. 2.
Newill, Edward B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,207,596; July 9.
Newill, Edward B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,222,569; Nov. 19.
Newill, Edward B., A. A. McCormack, G. W. Wolcott, and H. F. Smith, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,217,807; Oct. 15.
Newitt, Dudley M. (See Bone, W. A., and Newitt.)
New Jersey Machine Corporation. (See Schnitchen, Matthew, assignor.)
New Jersey Machine Corporation. (See von Hofe, George W., assignor.)
New Jersey Zinc Company, The. (See Cyr, Howard M., assignor.)
Newkirk, John R., Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y. Door operating system. 2,223,637; Dec. 3.
Newland, Clarence D., Coulee Dam, Wash. Hamburger shaping device. 2,188,842; Jan. 30.
Newley Weds Baking Company. (See Angell, Paul M., assignor.)
Newlin, Henry J., Birmingham, England. Supplying heated air to the rooms of a building. 2,185,774; Jan. 2.
Newman, Albert E., and J. C. Francis, Akron, Ohio. Control for airplanes. 2,222,204; Nov. 19.
Newman, Albert T. (See Boatwright, A. J., and Newman.)
Newman, Albert V., Cambridge, and G. R. Lewis, Melrose, assignors to Edgar P. Lewis & Sons, Inc., Malden, Mass. Candy cutting machine. 2,207,938; July 16.
Newman, Alexander I, assignor to Precision Scientific Company, Chicago, Ill. Fume tube. 2,210,176; Aug. 6.
Newman, Alexander I., assignor to Precision Scientific Company, Chicago, Ill. Distillation testing apparatus. 2,222,464; Nov. 19.
Newman, Alexander I., and L. C. Short, assignors to Precision Scientific Company, Chicago, Ill. Crude fiber digestion apparatus. 2,222,463; Nov. 19.
Newman, David F., Mountain Lakes, N. J., assignor to Trans-Lux Corporation. Tape controlling arrangement. 2,208,946; July 23.
Newman, David F., Rockville Centre, assignor to Trans-Lux Corporation, New York, N. Y. Tape-controlling arrangement. 2,221,922; Nov. 19.
Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Refrigerator. 2,199,245; Apr. 30.
Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Refrigerating apparatus. 2,206,705; July 2.
Newman, Frederick, Newtown, Pa. Automatic watering device. 2,226,668; Dec. 31.
Newman, Frederick H., assignor to Automatic Products Company, Milwaukee, Wis. Room thermostat. 2,225,080; Dec. 17.
Newman, George W., St. Louis, Mo. Bookbinder. 2,196,023; Apr. 2.
Newman, George W., St. Louis, Mo. Bookbinder. 2,200,364; May 14.
Newman, George W., Kansas City, Mo. Pruning Device. 2,218,213; Oct. 15.
Newman, I., & Sons, Inc. (See Mayonnade, H., and Hine, assignors.)
Newman, Isidor, New York, N. Y. Seaming machinery. 2,192,502; Mar. 5.
Newman, Isidor, New York, N. Y. Work feeding device. 2,192,503; Mar. 5.
Newman, J. Randolph, trustee. (See Auer, László, assignor.)
Newman, John M. (See Harwood, P. B., and Newman.)
Newman, Louis B., Chicago, Ill. Therapeutic apparatus. 2,190,383; Feb. 13.
Newman, Louis B., Chicago, Ill. Therapeutic bag. 2,190,384; Feb. 13.
Newman, Ralph C., and J. W. Romig, Corning, N. Y., assignors, by mesne assignments, to Owens-Corning Fiberglas Corporation. Sliver formation. 2,202,118; May 28.
Newman, Thomas P. (See Andersen, L., Fredrickson, Newman, Van Sciver, and Zinkil.)
Newman, Thomas P., Geneva, assignor to Crane Co., Chicago, Ill. Flush valve operator. 2,205,801; June 25.
Newman, William E. (See Beizer, H. H., and Newman.)
Newman, William J., Chicago, Ill. Apparatus for drilling wells. 2,187,092; Jan. 16.
Newnes, Henry J., assignor to Austral Cabinet Company Limited, London, England. Closet. 2,190,040; Feb. 13.
Newnham, Eugene, St. Louis, Mo., assignor to Knapp-Monarch Company, St. Louis, Mo. Flexible blade fan. Re. 21,525; Aug. 6.
Newnham, Eugene, assignor to Knapp-Monarch Company, St. Louis, Mo. Fan hub and blade structure. 2,212,072; Aug. 20.
Newnham, Eugene, assignor to Knapp-Monarch Company, St. Louis, Mo. Propeller. 2,222,118; Nov. 19.

Newport Industries, Inc. (See Palmer, R. C., and Bibb, assignor.)
Newport, Jesse H., Kenilworth, Ill. Air conditioning unit. 2,187,889; Jan. 23.
Newport News Overfold Company. (See Davis, Benjamin S., assignor.)
New Process Rayon, Inc. (See Gulbrandsen, Sverre, assignor.)
New Products Corporation. (See Banker, Oscar H., assignor.)
News Projection Corporation. (See Eitzen, August D., assignor.)
Newsom, James B. (See Collis, R. E., Hersey, and Newsom.)
Newsom, John B. (See Berryman, E. J., and Newsom.)
Newsom, John B., Nevada City, Calif. Drill hole sheave carrier. 2,200,516; May 14.
Newsom, John B., Nevada City, assignor to Idaho Maryland Mines Corporation, San Francisco, Calif. Sinking a shaft. 2,204,906; June 18.
Newsom, Kitchener K., San Francisco, Calif. Filler and flat for containers. 2,187,751; Jan. 23.
Newstrom, Carl E., Marcell, Minn. Wall inset ironing table. 2,201,701; May 21.
Newton, Alwin B. (See McGoldrick, W. J., and Newton.)
Newton, Alwin B., assignor to York Ice Machinery Corporation, York, Pa. Air conditioning. 2,195,781; Apr. 2.
Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigeration control system. 2,198,174; Apr. 23.
Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigeration control system. 2,200,477; May 14.
Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigeration system. 2,209,101; July 23.
Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigeration control system. 2,209,102; July 23.
Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigeration control system. 2,210,325; Aug. 6.
Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,214,700; Sept. 10.
Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Power system. 2,222,152; Nov. 19.
Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermostat control system. 2,222,153; Nov. 19.
Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Starting and ignition system. 2,222,568; Nov. 19.
Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Effective temperature control. 2,222,628; Nov. 26.
Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigeration control system. 2,226,296; Dec. 24.
Newton, Alwin B., Minneapolis, Minn., and J. S. Locke, Chicago, Ill., assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,200,243; May 14.
Newton, Chambers & Company Limited. (See Lewis, Oswald F., assignor.)
Newton, Courtland G., Chicago, Ill., assignor to H. S. Kehm. Pipe fitting. 2,191,724; Feb. 27.
Newton, Daniel O., Huntington Park, Calif., assignor to Socony Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for degassing rotary muds. 2,195,898; Apr. 2.
Newton, Edwin E., Montreal, and H. P. Ray, Mount Royal, Quebec, Canada, assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling strand material. 2,224,001; Dec. 3.
Newton, Frank, Bristol, assignor to Providence Steam Trap Company, Inc., Providence, R. I. Drain back flow check. 2,225,840; Dec. 24.
Newton, George W., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Mixing method and apparatus. 2,216,088; Sept. 24.
Newton, George W., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Mixing method and apparatus. 2,216,089; Sept. 24.
Newton, George W., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Mixing apparatus and method. 2,216,090; Sept. 24.
Newton, John R., assignor of one-half to W. Dennison, Louisville, Ky. Picker stick check. 2,197,589; Apr. 16.
Newton, Norman. (See Norris, E. D. T., and Newton.)
Newton, Robert J., Honolulu, Hawaii, assignor to California Packing Corporation, San Francisco, Calif. Apparatus for extracting juices. 2,223,739; Dec. 3.
Newton, Robert S., Watertown, assignor to The New York Air Brake Company, New York, N. Y. Apparatus for making piston rings. 2,185,382; Jan. 2.
Newton, Thomas C., Brookline, Mass. Lawn mower. 2,189,434; Feb. 6.
Newton, William A., Jr., Winnsboro, S. C., and D. T. Austin, Jr., Hogansville, Ga., assignors to United States Rubber Company, New York, N. Y. Cord stretching and winding machine. 2,226,135; Dec. 24.
Newton, William M. (See Reynolds, J. M., Newton, and Ledbetter.)
New York Air Brake Company, The. (See Baldwin, Wayne A., assignor.)
New York Air Brake Company, The. (See Campbell, Charles A., assignor.)
New York Air Brake Company, The. (See Campbell, C. A., and Safford, assignors.)
New York Air Brake Company, The. (See Newton, Robert S., assignor.)
New York Air Brake Company, The. (See Safford, Lewis A., assignor.)
New York Air Brake Company, The. (See Safford, L. A., and Love, assignors.)
New York Air Brake Company, The. (See Vergan, William E., assignor.)
New York Central Railroad Company, The. (See Davies, George M., assignor.)
New York Central Railroad Company, The. (See Dixon, Walter W., assignor.)
New York Central Railroad Company, The. (See Knowlton, C. H., and Davies, assignors.)
New York Central Railroad Company, The. (See Love, Frank G., assignor.)
New York Pressing Iron Co. Inc. (See Hoch, Walter A., assignor.)
New York Pressing Iron Company. (See Perkins, Harold A., assignor.)
New York Quotation Company. (See Auchincloss, Samuel S., assignor.)
New York Trust Company, The. (See Buttle, Walter E., assignor.)
Ney, Alfred M., South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Engine. 2,201,785; May 21.
Niacet Chemicals Corporation. (See Hubacher, M. H., and Matheson, assignors.)
Niagara Alkali Company. (See Casciani, Ferri, assignor.)
Niagara Blower Company. (See Bulkeley, Claude A., assignor.)
Niagara Blower Company. (See Wagner, Fred H., Jr., assignor.)
Niagara Duplicator Co. (See Nigra, Ferdinand, assignor.)
Niagara Falls Wire Stitchers, Inc. (See Sims, W. O., and Rodda, assignors.)
Niagara Machine & Tool Works. (See Harwood, Reymour E., assignor.)
Niagara Machine and Tool Works. (See Munschauer, Frederick E., assignor.)
Niagara Machine and Tool Works. (See Munschauer, Frederick E., and G. E., assignors.)
Niagara Machine and Tool Works. (See Munschauer, George E., and F. E., assignors.)
Niagara Screens & Machines Limited. (See Stroud, Robert, assignor.)
Niagara Sprayer and Chemical Co. (See Chater, John A., assignor.)
Niblett, Thomas, Carvel Beach, Md. Lifeboat launching device. 2,213,636; Sept. 3.
Nichol, William C., et al. (See Berry, Harry J., assignor.)
Nicholas, Balda, Bellevue Hill, near Sydney, New South Wales, Australia. Machine for treating ramie grass to liberate and clean the fibers. 2,215,050; Sept. 17.
Nicholas, Harold I., assignor to W. F. Hall Printing Company, Chicago, Ill. Apparatus for drying. 2,226,871; Dec. 31.
Nicholls, Walter N., Toronto, Ontario, Canada. Dry ice refrigerator. 2,225,792; Dec. 24.
Nichols, Beverly R. (See Ring, J. J., and Nichols.)
Nichols, Beverly R. (See Ring, J. J., Rheingans, and Nichols.)
Nichols, Charles A., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Method and apparatus for forming multiply tubing. 2,205,821; June 25.
Nichols, Charles A., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Manufacture of tubing. 2,214,108; Sept. 10.
Nichols, Charles A., and R. H. Bish, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Manufacture of multiply tubing. 2,195,751; Apr. 2.
Nichols, Charles A., and R. H. Bish, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Making brazed tubing. 2,197,191; Apr. 16.
Nichols, Charles K., Scarsdale, N. Y., assignor to Simplon Products Corporation. Furring construction. 2,209,470; July 30.
Nichols, Daniel R. (See Miller, R. C., and Nichols.)
Nichols, Edgar B., assignor to Nichols Products Company, Moorestown, N. J. Writing implement. 2,190,910; Feb. 20.
Nichols, Edward C., Upton, assignor to Draper Corporation, Hopedale, Mass. Filling end control. 2,202,226; May 28.
Nichols, Edward C., Upton, assignor to Draper Corporation, Hopedale, Mass. Filling end parting and clamping mechanism. 2,223,896; Dec. 3.
Nichols Engineering & Research Corporation. (See Connolly, George E., assignor.)
Nichols Engineering & Research Corporation. (See Hartley, H. J., and Baird, assignors.)
Nichols, Ernest H., Hagerstown, Md. Roofing material. 2,197,895; Apr. 23.

Nichols, Harry J., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,192,603; Mar. 5.
Nichols, Harry J., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Synchronous communication system. 2,199,546; May 7.
Nichols, Henry J., Jr., Scotch Plains, and G. L. Mateer, Roselle, N. J., assignors to Standard Oil Development Company. Production of gasoline. 2,190,480; Feb. 13.
Nichols, Herbert L., Jr., Greenwich, Conn. Bulldozer blade and frame. 2,216,572; Oct. 1.
Nichols, John T., Pittsburgh, assignor, by mesne assignments, to The Brown Instrument Company, Philadelphia, Pa. Controller. 2,187,613; Jan. 16.
Nichols Products Company. (See Nichols, Edgar B., assignor.)
Nichols, Ralph G., St. Charles, Mo., assignor to American Car and Foundry Company, New York, N. Y. Air intake and filter. 2,203,503; June 4.
Nichols, Russell H., Rochester, Minn. Crankcase drain valve. 2,187,247; Jan. 16.
Nichols, Walter E., Milton, assignor to The Reece Button Hole Machine Company, Boston, Mass. Sewing machine. 2,201,449; May 21.
Nichols, William D., Fairview Village, Ohio, assignor to National Carbon Company, Inc. Dry battery construction. 2,209,927; July 30.
Nichols, William H., Dallas, Tex. Pile driver. 2,193,293; Mar. 12.
Nichols, William M., et al. (See Leopold, Henry, assignor.)
Nicholson, Celtic, assignor to Haldie Nicholson Co., Leominster, Mass. Ferrule. 2,192,097; Feb. 27.
Nicholson, David B. (See Hamilton, J. H., and Nicholson.)
Nicholson, Frank H., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,200,188; May 7.
Nicholson, Frank H., Penn Township, Allegheny County, and J. W. Logan, Jr., Forest Hills, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Multiple unit propulsion and braking control apparatus. 2,215,357; Sept. 17.
Nicholson, Frank H., Wilkinsburg, and L. R. Allison, Forest Hills, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,218,120; Oct. 15.
Nicholson, Frederick A., and W. T. Pritchard, assignors to Stetson-Ross Machine Company, Seattle, Wash. Mechanism for machine finished matching or edge jointing lumber for stock of nonuniform width. 2,204,439; June 11.
Nicholson, Henry H., Boulder, Colo. Crusher. 2,188,230; Jan. 23.
Nicholson, Henry H., Boulder, Colo. Air cleaner. 2,221,717; Nov. 12.
Nicholson, John H., Chicago, Ill. Piston. 2,201,739; May 21.
Nicholson, Madison G., Jr. (See Marden, J. W., and Nicholson.)
Nicholson, Natalie P., executrix or administratrix. (See Auger, H., and Pearson.)
Nicholson, Ralph A., assignor to R. T. Moloney, Chicago, Ill. Drink vender structure. 2,227,196; Dec. 31.
Nicholson, Stanley W., Toledo, Ohio, assignor to Detroit Harvester Company, Detroit, Mich. Concealed door hinge. 2,225,178; Dec. 17.
Nicholson, William B., and E. P. Jones, Elizabeth, N. J., assignors to The Linde Air Products Company. Cutting
Nickel, Frank J., Jr., Bel Air, Md. Tuning device for string instruments. 2,201,869; May 21.
Nickel, Frederick E., assignor to Solar Aircraft Company, San Diego, Calif. Radio compass system. 2,188,556; Jan. 30.
Nickell, Claude H., Newcastle, Ind. Braking apparatus. 2,191,677; Feb. 27.
Nickell, Claude H., New Castle, Ind. Air conditioning system for motor vehicles. 2,212,503; Aug. 27.
Nickells, Stanley W. (See Gille, W. H., and Nickells.)
Nickells, Stanley W. (See Haines, J. E., and Nickells.)
Nickelsberg, Paul, Offenbach-on-the-Main, Germany. Series automatic machine for the printing industry. 2,200,365; May 14.
Nickerson, Ralph F., Pittsburgh, Pa., assignor to Cotton Research Foundation. Recovery of protein from cottonseed. 2,194,835; Mar. 26.
Nickerson, William H., Newton Center, Mass. Calk socket setting device. 2,217,026; Oct. 8.
Nickerson, William H., Newton Center, Mass. Upper lasting plate. 2,221,430; Nov. 12.
Nicklas, Thomas E., Bay Village, Ohio. Method of and apparatus for cleaning and pickling metal. 2,221,811; Nov. 19.
Nickowitz, Max N., Bridgeport, Conn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Article of manufacture. 2,219,697; Oct. 29.
Nicks, Samuel R., Houston, Tex. Justifying and variable spacing typing machine. 2,188,252; Jan. 23.
Nicodemus, Otto. (See Blass, F., Heisel, Hendschel, and Nicodemus.)
Nicodemus, Otto, H. Lange, and H. Kranz, Frankfort-on-the-Main, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Substituted alpha-amino-acrylic acid nitriles. 2,211,152; Aug. 13.
Nicodemus, Wilmer C., Barberton, Ohio, assignor to The Diamond Match Company, New York, N. Y. Match booking machine. 2,198,086; Apr. 23.
Nicol, John, assignor to Divco-Twin Truck Company, Detroit, Mich. Sitting drive delivery vehicle. 2,203,599; June 4.
Nicola, Forrest J., Chicago, Ill. Instrument for measuring time in music. 2,223,668; Dec. 3.
Nicolai, Charles O., New York, N. Y. Invalid elevator. 2,203,204; June 4.
Nicolas, Zephiri, Eustis, Maine. Saw set. 2,223,266; Nov. 26.
Nicolaus, Frank G. (See Breitenstein, C. J., and Nicolaus.)
Nicolaus, Frank G. (See Moloney, R. T., and Nicolaus.)
Nicolaus, Frank G., assignor to R. T. Moloney, Chicago, Ill. Ball rolling game. 2,198,389; Apr. 23.
Nicolaus, Frank G., assignor to R. T. Moloney, Chicago, Ill. Game apparatus. 2,216,957; Oct. 8.
Nicolet, Constant E., assignor to Carrier Corporation, Syracuse, N. Y. Apparatus for controlling compressor capacity. 2,208,428; July 16.
Nicoll, Frederick H., Ickenham, assignor to Electric & Musical Industries Limited, Middlesex, England. Permanent magnet device for producing axially symmetrical magnetic fields. 2,200,039; May 7.
Nicoll, Frederick H., Ickenham, assignor to Electric & Musical Industries, Limited, Hayes, Middlesex, England. Cathode ray tube. 2,219,111; Oct. 22.
Nicoll, Frederick H., Ickenham, and B. J. Mayo, Hemel Hempstead, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electron gun. 2,226,439; Dec. 24.
Nicoll, James S., and A. O. Giles, Kahului, T. Maruoka, Wailuku, B. J. Butler, Paia, and C. M. Countryman, Kahului, assignors to Maui Pineapple Company, Ltd., Paia, Hawaii. Fruit cutting machine. 2,187,326. Jan. 16.
Nicolson, Alexander M., assignor to Communication Patents, Inc., New York, N. Y. Two-way television system. 2,197,005; Apr. 16.
Nicolson, Alexander M., assignor to Western Electric Company, Incorporated, New York, N. Y. Generating and transmitting electric currents. 2,212,845; Aug. 27.
Nicolson, Alexander M., assignor to Communication Patents, Inc., New York, N. Y. Photoelectric device. 2,220,115; Nov. 5.
Nicolson, Garth F. (See Grau, H. E., and Nicholson.)
Nicolson, John, Paisley, Scotland, assignor to Corn Products Refining Company, New York, N. Y. Chlorinated starch and production of same. 2,221,522; Nov. 12.
Niconoff, Dimitry. (See Sullivan, J. D., and Niconoff.)
Nicostat Products Co. (See Borresen, Nico, assignor.)
Nicou, Hans T., Sodra Angby, near Stockholm, Sweden. Ambulance automobile. 2,222,570; Nov. 19.
Nicou, Hans T., Sodra Angby, near Stockholm, Sweden. Ambulance vehicle. 2,222,912; Nov. 26.
Nicoud, Cornelius S., Chicago, Ill. Pipe. 2,208,339; July 16.
Niederreither, Hans, Munich, Germany. Safety structure for high pressure apparatus. 2,204,816; June 18.
Niedworok, Pawe, Katowice, Silesia, Poland. Exchangeable heel. 2,221,718; Nov. 12.
Niehart, William M., Los Angeles, Calif. Spray draft unit for humidifying and temperature control apparatus. 2,217,130; Oct. 8.
Nield, John, and C. A. Saylor, Sarnia, Ontario, assignors to L. G. Calder, Montreal, Quebec, Canada. Muffler. 2,206,259; July 2.
Nielsen, Adolph E., assignor of one-sixth to J. W. Ricketts, one-sixth to D. A. Davini, and one-third to R. F. Dickey, Alameda, Calif. Threadless interlocking rotary drill pipe coupling. Re. 21,606; Oct. 22.
Nielsen, Carl A. (See Rohrich, H. A., and Nielsen.)
Nielsen, John F., Hollywood, Calif., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Mounting for electrical apparatus. 2,185,562; Jan. 2.
Nielsen, Laurits H., Kolding, Denmark, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Ventilated rotary brush. 2,191,115; Feb. 20.
Nielsen, Leo G., and F. C. and F. A. Lymburner, San Diego, Calif. Automatic brake control apparatus for trailers. 2,192,384; Mar. 5.
Nielsen, Peer D. (See Gould, J. E., and Nielsen.)
Nielsen, Peer D. (See Jones, G. H., and Nielsen.)
Nielsen, Peer D., Lorain, Ohio, assignor to National Tube Company. Traveling crane. 2,196,564; Apr. 9.
Nielsen, Peer D., Lorain, Ohio, assignor to National Tube Company. Igniting device. 2,207,102; July 9.
Nielsen, Peer D., Lorain, Ohio, assignor to National Tube Company. Regenerative furnace. 2,212,697; Aug. 27.
Nielsen, Peer D., Lorain, Ohio, assignor to National Tube Company. Pulling device. 2,216,091; Sept. 24.
Nielsen, Russell A., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ionizing wire support, especially for electrical precipitators. 2,221,601; Nov. 12.
Nielson, Clarence L., Kansas City, Mo. Folding automobile bed and tent. 2,210,540; Aug. 6.

Niemeyer, Alvin D., Seattle, Wash. Course and bearing indicator. 2,210,773; Aug. 6.
Niemeyer, Edward H., Washington, D. C. Screen mounting. 2,197,435; Apr. 16.
Niemiec, Harriette E., Miami, Fla. Massage device. 2,189,116; Feb. 6.
Niemitz, Gerhard, assignor, by mesne assignments, to Kennedy-Van Saun Mfg. & Eng. Corporation, New York, N. Y. Air preheater apparatus. 2,213,324; Sept. 3.
Niesemann, Fritz, assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Service regulator. Re. 21,597; Oct. 8.
Niessner, Mortiz. (See Müller, W. J., and Niessner.)
Nietfeld, Henry A., Marysville, Kans. Automatic airplane wing control. 2,223,698; Dec. 3.
Niethamer, Edward, Bay City, Mich. Humidifying device for internal combustion engines. 2,218,653; Oct. 22.
Niethamer, Harrison C., Huntington Park, Calif. Butter mold and wrapper. 2,214,860; Sept. 17.
Nietz, Adolph H., and F. J. Russell, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic emulson. 2,222,264; Nov. 19.
Nieuwland, Julius A., Notre Dame, Ind., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making alkali metal amides. 2,202,994; June 4.
Nieuwland, Julius A., deceased, by J. A. Burns, executor, Notre Dame, and F. J. Sowa, South Bend, Ind., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization and condensation process catalyzed by means of dihydroxyfluoboric acid and dihydroxyfluoboric acid-boron fluoride addition compounds. 2,192,015; Feb. 27.
Niggeler, Jacob F. (See Damkroger, H. A., and Niggeler.)
Nightenhelser, Bert, Westfield, and J. Ballard, Noblesville, Ind. Power take-off drive. 2,192,146; Feb. 27.
Nightingale, William J. (See Cooper, L. H., and Nightingale.)
Nightingale, William J., Flint Mich., assignor, by mesne assignments, to H. J. Forster, trustee for the Association of American Railroads. Automobile decking device. 2,204,377; June 11.
Nigra, Ferdinand, assignor to Niagara Duplicator Co., San Francisco, Calif. Impression roller control. 2,186,341; Jan. 9.
Nigra, Ferdinand, assignor to Niagara Duplicator Company, San Francisco, Calif. Inking device for a rotary duplicator. 2,186,939; Jan. 16.
Nigra, Ferdinand, assignor to Niagara Duplicator Company, San Francisco, Calif. Tracing apparatus. 2,187,574; Jan. 16.
Nigra, Ferdinand, assignor to Niagara Duplicator Co., San Francisco, Calif. Slip sheet control. 2,196,506; Apr. 9.
Nigra, Giuseppe, assignor to Societa Anonima Manifattura Ceramico Pozzi, Turin, Italy. Electric heating system. 2,215,108; Sept. 17.
Nijk, Dirk R. (See Moser. F. R., and Nijk.)
Nikonow, John P., et al. (See Malishev, Boris, assignor.)
Niles-Bement-Pond Company. (See Dixon, John C., assignor.)
Niles-Bement-Pond Company. (See Fox, Raymond S., assignor.)
Niles-Bement-Pond Company. (See Harten, John J., assignor.)
Niles-Bement-Pond Company. (See Hoagland, Frank O., assignor.)
Niles-Bement-Pond Company. (See Johnson, Stanley G., assignor.)
Niles-Bement-Pond Company. (See Rusnak, John M., assignor.)
Niles-Bement-Pond Company. (See Shaw, Robert D., assignor.)
Niles-Bement-Pond Company. (See Whitehead, A. G., and Raber, assignors.)
Niles, Joseph A., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Oil production. 2,214,064; Sept. 10.
Niles, Ray W., Saline, assignor to Hoover Ball and Bearing Company, Ann Arbor, Mich. Ball type joint. 2,206,972; July 9.
Niles, William E., Kansas City, Mo. Method of and apparatus for flowing wells. 2,186,035; Jan. 9.
Nill, Edward A., Highland Park, assignor to The H. A. Montgomery Company, Detroit, Mich. Protective coating composition for metals. 2,223,458; Dec. 3.
Nilsby, Victor A., Seattle, Wash. Metal bending brake. 2,217,378; Oct. 8.
Nilson, Arthur N., assignor to J. R. Farquharson, Chicago, Ill. Electric motor. 2,221,812; Nov. 19.
Nilson, Eric H. (See Kepler, W. R., and Nilson.)
Nilson, Eric H., assignor to A. O. Smith Corporation, Milwaukee, Wis. Equalizer support for enameled tanks during firing. 2,201,786; May 21.
Nilson, Frederick C. (See Brown, N. C. L., and Nilson.)
Nilson, Harold, Wayzata, Minn., assignor to George H. Ische, Milwaukee, Wis. Lifting jack. 2,213,285; Sept. 3.
Nilson, Leonard D., Wayzata, Minn. Jack structure. 2,187,279; Jan. 16.
Nilson, Olof, Salt Lake City, Utah. Boring machine. 2,193,204; Mar. 12.
Nilson, Raymond E., assignor of one-half to H. C. Wheeler, Boston, Mass. Exercising apparatus. 2,224,103; Dec. 3.
Nilsson, Fritz A., Jonkoping, Sweden. Door lock. 2,217,131; Oct. 8.
Nilsson, John E. (See Frech, C., and Nilsson.)
Nilsson, John E., and C. Frech, London, England. Article of furniture. 2,217,584; Oct. 8.
Nilsson, Karl F. (See Nilsson, Oscar F., and K. F.)
Nilsson, Nils E., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Automatic telephone system. 2,220,423; Nov. 5.
Nilsson, Oscar F., and K. F. Nilsson, New York, N. Y. Aging liquids. 2,203,229; June 4.
Nilsson, Per A., Viby, assignor of one-half to O. Alméer, Kristianstad, Sweden. Potato harvester. 2,214,174; Sept. 10.
Nineteen Hundred Corporation. (See Behan, Thomas W., assignor.)
Nineteen Hundred Corporation. (See Keil, Gustav B., assignor.)
Nineteen Hundred Corporation. (See Morgenstern, Charles E., assignor.)
Ninnelt, Alfred, Freiburg (Breisgau), Germany, assignor to the firm of Fabrik Elektr. Apparate Fr. Suter A. G., Basel, Switzerland. Quick switching device. 2,201,498; May 21.
Ninol, Inc. (See Kritchevsky, Wolf, assignor.)
Nippon Kpgyo Kabushiki Kaisha, Shibaku. (See Suzuki, Tomiji, assignor.)
Nirosta Corporation, The. (See Strauss, Benno, assignor.)
Nisbet, Beatrice L., Abilene, Tex. Ice cream freezer for refrigerators. 2,198,835; Apr. 30.
Nisbet, Edward B., New Canaan, Conn., assignor to Laminated Shim Co., Inc., Long Island City, N. Y. Storage and dispensing container for shim stock. 2,214,380; Sept. 10.
Nisbet, Robert, Barnet, assignor to British Smokeless & Oil Fuels Limited, London, England. Distillation of coal and other carbonaceous substances. 2,223,897; Dec. 3.
Nisbet, Robert H. (See Harding, W. G., and Nisbet.)
Nisenson, Jules, assignor to Unit Venetian Blind Supply Co., New York, N. Y. Venetian blind head bar bracket. 2,201,499; May 21.
Nishiguchi, Takao, Yokkaichi, Miye-Ken, Japan. Machine for manufacturing fishing nets automatically. 2,219,015; Oct. 22.
Nishio, Keijiro, Hongo-ku, Tokyo, Japan. Apparatus for obtaining core from rotary core-boring. 2,218,295; Oct. 15.
Nishlenick, Nick, Brooklyn, N. Y. Ventilating shutter on Venetian blinds. 2,188,300; Jan. 30.
Nissen, Hans F. (See Eggert, J., and Nissen.)
Nissen, Harry C., South Glastonbury, assignor to United Aircraft Corporation, East Hartford, Conn. Automatic regulation for engine cooling means. Re. 21,312; Jan. 2.
Nissen, John P., Jr., Noble, Pa. Implement for applying fluid and semipaste materials. 2,192,479; Mar. 5.
Nissley, Jacob H., et al., as trustees. (See Peltz, Gordon M., assignor.)
Nisson, Philip S., assignor to The Pure Oil Company, Chicago, Ill. Method of and apparatus for converting oil. 2,185,516; Jan. 2.
Nitardy, Ferdinand W., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Pharmaceutical. 2,192,326; Mar. 5.
Nitardy, Ferdinand W., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Stable-vitamin-containing therapeutic preparation. 2,195,595; Apr. 2.
Nitardy, Ferdinand W., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Protected-vitamin-containing tablet. 2,195,596; Apr. 2.
Nitardy, Ferdinand W., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Protection of autooxidizable materials. 2,206,113; July 2.
Nitardy, Ferdinand W., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Container. 2,218,092; Oct. 15.
Nitardy, Ferdinand W., Brooklyn, and L. T. Andrews, Jamaica, assignors to E. R. Squibb & Sons, New York, N. Y. Preparing tablets. 2,191,678; Feb. 27.
Nitardy, Ferdinand W., Brooklyn, N. Y., and W. G. Christiansen, Glen Ridge, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Pharmaceutical. 2,196,322; Apr. 9.
Nitardy, Ferdinand W., Brooklyn, N. Y., R. S. Westgate, Glen Ridge, and S. E. Werner, Highland Park, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Container closure. 2,202,021; May 28.
Nitardy, Ferdinand W., Brooklyn, N. Y., and E. C. Billheimer, New Brunswick, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Packaging tablets. 2,222,042; Nov. 19.
Nitrokemia Ipartelepek Reszvenytarsasag. (See Helle, J., and Kunz, assignors.)
Nitsche, Paul, Dresden, Germany. Manufacture of conserving ice. 2,203,230; June 4.
Nitschman, George H., San Antonio, Tex. Dispensing display case. 2,220,870; Nov. 5.
Nitzberg, Milton, Chicago, Ill. Game apparatus. 2,190,845; Feb. 20.
Nitze, Hans. (See Albers, F., and Nitze, Schaum, and Weyde.)

Nitzschke, Oswin, and U. Kopsch, Leverkusen-I. G. Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of hyposulphites. 2,193,323; Mar. 12.
Niven, Charles D., assignor to The Honorary Advisory Council of Scientific and Industrial Research, Ottawa, Ontario, Canada. Heating system for refrigerator cars. Re. 21,674; Dec. 24.
Nivison-Weiskopf Company. (See Donnerberg, H., and Curtis, Jr., assignors.)
Nivling, Walter A., Newton, Mass. Making soluble starch. 2,204,615; June 18.
Niwa, Yasujiro, M. Kobayashi, and T. Hayashi, Mita, Shibaku, Tokyo, Japan, assignors to International Standard Electric Corporation, New York, N. Y. System for electro-optical transmission of image. 2,217,416; Oct. 8.
Nixon, Bart N., et al. (See Compton, Loyd W., assignor.)
Nixon, Jeddy D., assignor of one-half to Wilson Supply Company, Houston, Tex. Intermittently controlling the flow of fluids. 2,202,462; May 28.
Nixon, Jeddy D., assignor of one-half to Wilson Supply Company, Houston, Tex. Flowing wells. 2,204,817; June 18.
Nixon, Jeddy D., assignor of one-half to Wilson Supply Company, Houston, Tex. Slip supporting device. 2,217,072; Oct. 8.
Nixon, Marvin O., et al. (See Compton, Loyd W., assignor.)
Nixon Nitration Works. (See Bonham, William H., assignor.)
Noack, Paul J., San Bernardino, Calif. Watch bracelet buckle. 2,194,767; Mar. 26.
Noack, Rudolf. (See Leitz, E., Jr., and Noack.)
Noack, Walter G., assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Heat exchanger. 2,186,877; Jan. 9.
Noack, Walter G., assignor Aktiengesellschaft to Brown, Boveri & Cie, Baden, Switzerland. Combustion, heat-transfer, and gas purification plant. 2,187,627; Jan. 16.
Noack, Walter G., Baden, and O. Zweifel, Zurich, assignors to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Heat producer and exhanger. 2,223,572; Dec. 3.
Noack, Willi, Berlin-Britz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Automatic tuning mechanism. 2,210,426; Aug. 6.
Noaillon, Edmond H. V., Brussels, Belgium. Making stereoscopic projection of pictures. 2,198,678; Apr. 30.
Noaillon, Edmond H. V., assignor to Societe Generale de Fours a Coke, Systemes Lecocq, Societe Anonyme, Brussels, Belgium. Apparatus for the continuous distillation of liquids. 2,220,171; Nov. 5.
Nobilium Products, Inc. (See Heiligman, Harold A., assignor.)
Nobilium Products, Inc. (See Prosen, Emil M., assignor.)
Noble, Alphonso, Naugatuck, assignor to The Bristol Company, Waterbury, Conn. Sanitary fitting for thermometer bulbs. 2,188,515; Jan. 30.
Noble, Charles E., Cleveland, Ohio, assignor to Claud T. Gordon Company, Chicago, Ill. Pyrometer tube. 2,187,949; Jan. 23.
Noble, Emile, assignor to Etablissements Delostal Freres, Troyes, Aube, France. Pressing device for knitting machines. 2,222,154; Nov. 19.
Noble, Ervin L., and O. E. Merrick, Ramona, Calif. Wheel and tire replacing tool. 2,212,716; Aug. 27.
Noble, F. H., & Co. (See Jefferson, William, assignor.)
Noble, F. H., & Co. (See Lutz, Andrew, assignor.)
Noble, F. H., & Co. (See Shields, John M., Jr., assignor.)
Noble, Walter. (See MacDonald, W. N., and Noble.)
Noble, Wiley B. (See Scott, G. L., Shaw, and Noble.)
Noblitt-Sparks Industries, Inc. (See Booth, Earl C., assignor.)
Nock, Elbridge E., Jr. (See Mayo, W., and Nock.)
Nock, Joseph A., Jr., Tarentum, assignor to Aluminum Company of America, Pittsburgh, Pa. Heat treated alloy. 2,225,925; Dec. 24.
Noe, Harold C., Nutley, N. J., assignor, by mesne assignments, to Holophane Company, Inc., New York, N. Y. Lighting device. 2,185,694; Jan. 2.
Noe, Olive A., Boulder, Colo. Stove. 2,196,339; Apr. 9.
Noecker, Louis J., St. Clair, Mo. Machine for turning and binding the edges of leather. 2,198,456; Apr. 23.
Noel, James W., executor. (See Green, T. L., and Williams, assignors).)
Noel, William F. (See Hollman, L. J., and Noel.)
Noelting, William H., assignor to Faultless Caster Corporation, Evansville, Ind. Expansible socket for casters. 2,207,549; July 9.
Noelting, William H., assignor to Faultless Caster Corporation, Evansville, Ind. Caster socket structure. 2,227,271; Dec. 31.
Noerr, Hermann. (See Fellmer, E., Mauthe, and Noerr.)
Noetzlin, Ulrich. (See Zobel, T., and Noetzlin.)
Noffsinger, Fred P., and R. W., and N. E. Reynolds, Greeley, Colo. Potato digger chain. 2,210,462; Aug. 6.
Noffsinger, Robert W. (See Noffsinger, Fred P., and R. W., and Reynolds.)
Nofsinger, Charles W., Summit, assignor to Gasoline Products Company, Inc., Newark, N. J. Treatment of hydrocarbon oil. 2,220,020; Oct. 29.
Nofsinger, Charles W., Summit, N. J., and D. T. Shaw, Swarthmore, Pa., assignors to Gasoline Products Company, Inc., Jersey City, N. J. Cracking hydrocarbon oils. 2,185,222; Jan. 2.
Nogar, Clayton A. (See Williams, C., and Nogar.)
No-Kap Closures (U. S. A.), Inc. (See Church, Albert H., assignor.)
No-Kap Closures (U. S. A.), Inc. (See Lusher, Albert C. assignor.)
Nolan, Frank, Astoria, N. Y. Appliqué for fingernail designs. 2,199,207; Apr. 30.
Nolan, Frank J., Bridgeport, Conn., assignor to Electro-Gas Corporation, Rochester, N. Y. Gas producing apparatus. 2,204,318; June 11.
Nolan, Philip. (See Van den Akker, J. A., and Nolan.)
Nolan, William J., assignor to The Goss Printing Press Company, Chicago, Ill. Rotary stitcher. 2,224,743; Dec. 10.
Noland, Barton H., New York, N. Y., and E. L. R. Smith, Baltimore, Md. Window-actuating mechanism. 2,185,646; Jan. 2.
Noland, Leroy E., Juneau, Alaska. Internal combustion engine. 2,202,227; May 28.
Nold, Eberhard. (See Balle, G., Wagner, and Nold.)
Nolde & Horst Company, The. (See McAdams, Harry, assignor.)
Noling, Martin N., assignor to Barber-Colman Company, Rockford, Ill. Warp-uniting machine. 2,188,394; Jan. 30.
Noll, Charles E., Hublersburg, Pa. Clothespin. 2,210,214; Aug. 6.
Noll, Fritz. (See Zentz, M., and Noll.)
Noll, Ray C. (See Hazel, Clair T., assignor.)
Nollau, Edgar H. (See McBurney, J. D., and Nollau.)
Nolle, Rudolf. (See Mayer, Carl, assignor.)
Nolte, Albert C. (See Chandler, Edward F., assignor.)
Nolte, Carl H., Berlin, Germany. Reproduction of records. 2,209,535; July 30.
Noma Electric Corporation. (See Wolf, Abraham, assignor.)
Nomann, Arthur B., South Pasadena, assignor to The Superior Oil Company, Los Angeles, Calif. Electric circuit. 2,222,953; Nov. 26.
Nomar, Louis N., Charleston, W. Va. Cartridge clip. 2,197,313; Apr. 16.
Nomar, Louis N., Charleston, W. Va. Magazine rifle. 2,226,207; Dec. 24.
Nomeland, Sam K. (See Evenson, Andrew, assignor.)
No-Mercury Felt Corporation. (See Sartakoff, Jack D., assignor.)
Nomura, Allen Y., Honolulu, Hawaii. Plotting device. 2,191,396; Feb. 20.
Nonemaker, Harold A., Narberth, Pa., and T. W. Demarest, Onley, Va., assignors to The Pennsylvania Railroad Company, Philadelphia, Pa. Synchronization of traction wheels of locomotives and the like. 2,197,731; Apr. 16.
Nonnast, Herman, Chicago, Ill. Dinette extension table. 2,221,844; Nov. 19.
Noonan, Albert S., Utica, N. Y. Automobile wheel wedge. 2,189,323; Feb. 6.
Noonan, John J., St. Louis, Mo., assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,217,180; Oct. 8.
Noonan, Thomas A., and P. W. Doherty, assignors to Corbin-Holmes Shoe Co., Inc., Portland, Maine. Shoe. 2,209,280; July 23.
Norberg, Carl F., Shaker Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery. 2,218,621; Oct. 22.
Norberg, Oscar E. (See Blood, H. E., and Norberg.)
Norberg, William A. (See Rowe, A. V., and Norberg.)
Norbom, Ragnar A. (See Fitch, B. F., Lane, and Norbom.)
Norby, Leon H., Minneapolis, Minn. Radiator shutter. 2,219,051; Oct. 22.
Norcross, Austin S. (See Strang, P. M., and Norcross.)
Norcross, Austin S., Newton, Mass. Alternating current commutator motor. 2,192,050; Feb. 27.
Norcross, Austin S., Waban, Mass. Constant speed motor. 2,192,051; Feb. 27.
Norcross, Thomas. (See Madge, E. W., Round, and Norcross.)
Nord, Charles F., Sr. (See Botkin, M., and Nord.)
Nord, Gustav J., Asheville, N. C. Products obtained from the juices of the agave plant and recovering the same. 2,210,463; Aug. 6.
Nord, Harry, et al. (See von Scheven, Richard, assignor.)
Nordberg, Ernst A., Sharon, assignor to Bandaway Inc., Boston, Mass. Wrapping packages. 2,203,058; June 4.
Nordberg, John L., assignor to Damascus Steel Products Corporation, Rockford, Ill. Making butchers' steels. 2,194,525; Mar. 26.
Nordberg Manufacturing Company. (See Gruender, Oscar C., assignor.)
Nordberg Manufacturing Co. (See Gruender, O. C., and Zoerb, assignors.)
Nordberg Manufacturing Company. (See Larson, Victor F., assignor.)
Nordberg Manufacturing Company. (See Ramstad, George E., assignor.)

Nordberg Manufacturing Company. (See Symons, Edgar B., assignor.)
Nordberg Manufacturing Co. (See Symons, E. B., and Gruender, assignors.)
Nordberg Manufacturing Company. (See Symons, Loren G., assignor.)
Nordberg Manufacturing Company. (See Wintzer, Rudolf, assignor.)
Nordberg, Martin E. (See Hood, H. P., and Nordberg.)
Nordby, Peter J., Sheboygan, Wis., assignor to C. Anton. Veneered article and manufacture thereof. 2,207,939; July 16.
Norddeutsche Kabelwerke Aktiengesellschaft. (See Nehmiz, G., and Budie, assignors.)
Nordell, Carl H., assignor to Advance Engineering Company, Chicago, Ill. Sewage disposal. 2,225,437; Dec. 17.
Nordensson, Carl O., assignor to Roberts-Gordon Appliance Corporation, Buffalo, N. Y. Gas burner unit. 2,222,822; Nov. 26.
Nordhougen, Carl, Leeds, N. Dak. Binder reel attachment. 2,209,997; Aug. 6.
Nordin, Sten S. (See Cohn, M., and Nordin.)
Nordiska Svagströms Aktiebolaget. (See Kucznierz, Martin R., assignor.)
Nordlander, Birger W., Schenectady, N. Y., assignor to General Electric Company. Stabilization of polyvinyl formal. 2,195,122; Mar. 26.
Nordlander, Birger W., Schenectady, and R. E. Burnett, Niskayuna, N. Y., assignors to General Electric Company. Extrudable polyvinylal resinous composition. 2,216,020; Sept. 24.
Nordlund, Theodore, Jamestown, N. Y. Hand abrading tool. 2,220,727; Nov. 5.
Nordmann, Charles, Paris, France. Producing copies of lenticular color photographs. 2,201,740; May 21.
Nordmark, Henry P., assignor to American Seating Company, Grand Rapids, Mich. Seat hinge. 2,201,450; May 21.
Nordmark, Henry P., assignor to American Seating Company, Grand Rapids, Mich. Spring unit. 2,217,290; Oct. 8.
Nordstrom, Sven J., Lafayette, Calif., assignor to Merco Nordstrom Valve Company, Pittsburgh, Pa. Valve. 2,204,440; June 11.
Norfolk Mattress Company. (See Mayo, W., and Nock, assignors.)
Norgaard, Donald E., Schenectady, N. Y., assignor to General Electric Company. Electronic voltage regulator. 2,219,195; Oct. 22.
Norgren, Carl A., Denver, Colo. Check valve. 2,223,699; Dec. 3.
Norgren, Carl A., Denver, Colo. Lubricator. 2,223,700; Dec. 3.
Norin, Allan A., Chicago, Ill. Power device. 2,208,041; July 16.
Norin, Allan A., and A. M. Olson, Chicago, Ill. Hydraulic press. 2,188,956; Feb. 6.
Norman, Arvil A., Manteca, assignor to Spreckles Sugar Company, San Francisco, Calif. Adjusting apparatus. 2,197,192; Apr. 16.
Norman, Horace M., W. H. Farr, G. E. Coxon, T. Paul, and A. W. Le Fevre, assignors to Steward-Warner Corporation, Chicago, Ill. Electric throttle control. 2,192,714; Mar. 5.
Norman, Kenneth C. (See Norman, Pearl C. and K. C.)
Norman, Nathaniel C., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain control system. 2,199,080; Apr. 30.
Norman, Pearl C. and K. C., Oklahoma City, Okla., assignors to Phillips Petroleum Company. Apparatus for raising liquids. 2,192,480; Mar. 5.
Norman Specialty Company. (See Lysons, H. H., and Whittaker, assignors.)
Norman, Thomas M. (See Norman, Walter A. and T. M.)
Norman, Walter A., Longview, and T. M. Norman, Gladewater, Tex. Plug for wells and the like. 2,197,222; Apr. 16.
Normandeau, Joseph D., Nashua, N. H. Stop motion for knitting machines. 2,190,521; Feb. 13.
Normandie, Robert E., assignor to Standard Brass Manufacturing Company, Kansas City, Mo. Storage battery terminal clamp. 2,209,017; July 23.
Normann, Olav K., Arlington, Va., dedicated to the free use of the People in the territory of the United States. Pneumatic detector switch. 2,211,477; Aug. 13.
Normington, James B. (See Dickey, J. B., and Normington.)
Norrie, Robert C. (See Mallett, L. A., and Norrie.)
Norris, Alfred E., Westfield, assignor to The Regina Corporation, Rahway, N. J. Vacuum cleaner muffler. Re. 21,519; July 30.
Norris, Edward O., Inc. (See Norris, Edward O., assignor.)
Norris, Edward O., Westport, Conn., assignor to Edward O. Norris, Inc., New York, N. Y. Producing electrolytic foraminous sheets. 2,226,381; Dec. 24.
Norris, Edward O., Westport, Conn., assignor to Edward O. Norris, Inc., New York, N. Y. Matrix for electroforming foraminous sheets. 2,226,382; Dec. 24.
Norris, Edward O., Westport, Conn., assignor to Edward O. Norris, Inc., New York, N. Y. Producing foraminous sheets. 2,226,383; Dec. 24.
Norris, Edward O., Westport, Conn., assignor to Edward O. Norris, Inc., New York, N. Y. Electrolytically producing foraminous sheets. 2,226,384; Dec. 24.
Norris, Eric D. T., and N. Newton, Hollinwood, England, assignors to Ferranti Electric Inc., New York, N. Y. Voltage regulating relay. 2,198,736; Apr. 30.
Norris, Eric D. T., and N. Newton, Hollinwood, England, assignors to Ferranti Electric Inc., New York, N. Y. Voltage regulating relay. 2,207,490; July 9.
Norris, Harry S. (See Brockenbrough, W. M., and Norris.)
Norris, Kenneth T., Los Angeles, Calif. Die for stamping tapered tubiform elements. 2,225,710; Dec. 24.
Norriss, Margaret A., New York, N. Y. Manikin. 2,209,791; July 30.
Norrito, Earl F., Brooklyn, N. Y., assignor to Radio Corporation of America. Telegraph call selector and monitoring apparatus. 2,201,561; May 21.
Norrman, Ernst, Chicago, Ill. Apparatus for timing watches. Re. 21,355; Feb. 13.
Norrman, Ernst, Chicago, Ill., and Maurice B. Landers, New York, N. Y. Apparatus for timing watches. 2,188,059; Jan. 23.
North Bro's M'f'g Co. (See Fegley, T. J., and Leopold, assignors.)
North, Edwin W., Rockford, Ill. Chest or the like. 2,196,024; Apr. 2.
North, Edwin W., assignor to National Lock Co., Rockford, Ill. Venetian blind chain. 2,192,617; Mar. 5.
North, Edwin W., assignor to National Lock Co., Rockford, Ill. Lock. 2,201,957; May 21.
North, Edwin W., assignor to National Lock Co., Rockford, Ill. Latch. 2,210,495; Aug. 6.
North Electric Manufacturing Company, The. (See Boswau, Hans P., assignor.)
North, Frank M., Corcoran, Calif. Portable adjustable pump. 2,214,677; Sept. 10.
North, Hyrum K., Salt Lake City, Utah. Beet topper. 2,193,205; Mar. 12.
North & Judd Manufacturing Company. (See Freysinger, John B., assignor.)
Northam Warren Corporation. (See Brekke, Marshall T., assignor.)
North American Car Corporation. (See Dempsey, Arthur E., Jr., assignor.)
North American Holding Corporation. (See Johnston, James W., assignor.)
North American Holding Corporation, et al. (See Sackett, Ernest D., assignor.)
North American Rayon Corporation. (See Bartunek, R., and Maxton, assignors.)
North American Rayon Corporation. (See Bley, Rudolph S., assignor.)
North American Rayon Corporation. (See Hartmann, A., and Uytenbogaart, assignors.)
North American Rayon Corporation. (See Hermann, Conrad, assignor.)
North American Rayon Corporation. (See Maxton, Alfred, assignor.)
North American Rayon Corporation. (See Naumann, Herbert, assignor.)
North American Rayon Corporation. (See Stoeckly, Johann J., assignor.)
North American Rayon Corporation. (See Stoeckly, J. J., and Linnhoff, assignors.)
North American Rayon Corporation. (See Strube, J. J., and Broetz, assignors.)
North American Rayon Corporation. (See Uytenbogaart, Johannes, assignor.)
North American Rayon Corporation. (See Witte, Erhard, assignor.)
North American Service Co. (See Register, Everett L., assignor.)
Northcutt, Ellie H., Dallas, Tex. Container for spray guns. 2,200,675; May 14.
Northern Equipment Company. (See Veenschoten, Vincent V., assignor.)
Northern Indiana Brass Company. (See Arbogast, Alfred C., assignor.)
Northern Malleable Iron Company. (See Cummins, Thomas K., assignor.)
Northern Paper Mills. (See Jensen, Jens C., assignor.)
Northern Trust Company, The, et al., trustee. (See Bartlett, L. G., and Holthouse, assignors.)
Northern Wisconsin Manufacturing Co. (See Schruth, Edward, assignor.)
Northon, Louis I., Washington, D. C. Prevention of reverse flow in water supply systems. 2,205,305; June 18.
Northon, Louis I., Washington, D. C. Differential non-return valve. 2,216,092; Sept. 24.
North Shore Cutting Die Company. (See Leskiewicz, Stanley, assignor.)
North Star Specialty & Manufacturing Company. (See Ohme, W. F., and Stephan, assignors.)
Northwestern Steel and Wire Company. (See Dillon, Paul W., assignor.)
Norton, Charles L., deceased, Boston, Mass.; C. L. Norton, Jr., New York, N. Y., and D. Norton, Boston, Mass., executors. Method of and apparatus for forming fibrous material. 2,185,417; Jan. 2.
Norton, Charles L., Jr., et al., executors. (See Norton, Charles L.)

Norton, Charles W., West Orange, N. J., assignor to Brunsviga Maschinenwerke, Grimme Natalis & Co. A. G., Brunswick, Germany. Calculating machine. 2,186,265; Jan. 9.
Norton Company. (See Alvord, Charles C., assignor.)
Norton Company. (See Baker, John C., assignor.)
Norton Company. (See Barnes, Carl E., assignor.)
Norton Company. (See Cole, Raymond A., assignor.)
Norton Company. (See Crompton, George, Jr., assignor.)
Norton Company. (See Crompton, G., Jr., and Nye, assignors.)
Norton Company. (See Dunbar, H. W., and Indge, assignors.)
Norton Company. (See Flygare, Carl G., assignor.)
Norton Company. (See Flygare, C. G., and Alvord, assignors.)
Norton Company. (See Garside, J. I., and Flygare, assignors.)
Norton Company. (See Green, Clarence J., assignor.)
Norton Company. (See Indge, Herbert S., assignor.)
Norton Company. (See Kistler, S. S., and Barnes, assignors.)
Norton Company. (See Leafe, Carl L., assignor.)
Norton Company. (See Martin, Dana W., assignor.)
Norton Company. (See Muskovin, George T., assignor.)
Norton Company. (See Nye, T. H., and Indge, assignors.)
Norton Company. (See Richter, Henry O., assignor.)
Norton Company. (See Silven, H. A., and Cole, assignors.)
Norton Company. (See Silven, Harbert A., assignor.)
Norton Company. (See Silven, Herbert A., assignor.)
Norton Company. (See Stubbs, Everard, assignor.)
Norton Company. (See Van der Pyl, Edward, assignor.)
Norton Company. (See Washburn, Lorenzo S., assignor.)
Norton Company. (See Wood, Wallace H., assignor.)
Norton, Dorothy, et al., executors. (See Norton, Charles L.)
Norton, Edward L. (See Lundstrom, A. A., and Norton.)
Norton, Frank D., Cheadle, assignor of one-half to J. F. W. Stuart, Withington, Manchester, England. Electric clock. 2,224,085; Dec. 3.
Norton, Frank R., Pequannock, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Biasing potential supply circuit. 2,207,940; July 16.
Norton, Homer L., Shepherd, Mich. Anti-side-slipping combination for motor vehicles. 2,225,017; Dec. 17.
Norton, John F., and W. W. F. Enz, assignors to The Upjohn Company, Kalamazoo, Mich. Sterile solution dispensing bottle. 2,196,323; Apr. 9.
Norton, John S., San Francisco, Calif. Gaff hook. 2,193,073; Mar. 12.
Norton Laboratories. (See Hiscock, William J., assignor.)
Norton Lasier Company. (See Lasier, David R., assignor.)
Norton, Lowell E., Collingswood, N. J., assignor to Radio Corporation of America. Impulse generator. 2,188,611; Jan. 30.
Norton, Oscar J. and W. L., Danville, Va. Centering apparatus. 2,199,893; May 7.
Norton, Willie L. (See Norton, Oscar J. and W. L.)
Nortron Patents Corporation. (See Baruch, Sydney N., assignor.)
Norwood Company, The. (See Geib, Charles A., and C. B., assignors.)
Norwood, Donald W., Denver, Colo. Exposure meter. 2.214,283; Sept. 10.
Norwood, John. (See Wescott, F., and Norwood.)
Norwood, Nada D. (See Nathan, Siegfried A., assignor.)
Norwood, S. Albert. (See Nathan, Siegfried A.)
No-Sag Spring Company. (See Hopkes, Henry, assignor.)
Nosal, Mark, Fargo, N. Dak. Dimming device. 2,208,079; July 16.
Nosowitz, Samuel. (See Hoffer, S., and Nosowitz.)
Noss, Robert K., assignor of one-third to L. D. Harbaugh and one-third to A. L. Blauser, York, Pa. Chimney borer and soot-churn nozzle. 2,194,095; Mar. 19.
Nossen, Ernst, Amsterdam, Netherlands. Depolarizer for electric primary cells and making the same. 2,215,530; Sept. 24.
Notari, Gennaro, New York, N. Y. Concrete block for paths, roads, and the like. 2,210,150; Aug. 6.
Nothiger, Herman W., Sweet Home, Oreg. Hydraulic brake. 2,208,042; July 16.
Nothum, Joseph P. (See Licata, F. J., and Nothum.)
Notley, Joseph H., assignor of one-half to A. D. Thatcher, Oklahoma City, Okla. Well agitator. 2,221,057; Nov. 12.
Nott, Sydney C., Irvington, N. J. Card shuffling and dealing device. 2,185,474; Jan. 2.
Notter, Frieda, Monroe, Wis. Infant's support. 2,193,374; Mar. 12.
No-Tuk Corporation. (See Shauer, Louis S., assignor.)
Notwell, Fred. (See Sauter, E. G., and Notwell.)
Nouvellon, Camille. (See Gallant, L. C., and Nouvellon.)
Novack, Henry, Brooklyn, N. Y. Replaceable frictionally supported bird's nest. 2,226,253; Dec. 24.
Novadel-Agene Corporation. (See Canaday, Siesel E., assignor.)
Novadel-Agene Corporation. (See Panagopoulos, John, assignor.)
Novadel-Agene Corporation. (See Wallace, Charles F., assignor.)
Novak, George A., and G. Williams, Greenwich, Conn. Order indicator. 2,187,327; Jan. 16.
Novak, Izador J., Trumbull, assignor to Raybestos-Manhatton, Inc., Bridgeport, Conn. Wallboard. 2,206,042; July 2.
Novak, Izador J., Trumbull, Conn., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Tubular construction. 2,213,253; Sept. 3.
Novak, Izador J., Trumbull, assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Saturating fibrous stock. 2,218,547; Oct. 22.
Novak, Joseph E., Berwyn, Ill. Conveyer canvas. 2,189,080; Feb. 6.
Nove, Sidney, Winchendon, Mass. Toy. 2,206,750; July 2.
Novelty Lighting Corporation. (See Liston, John, assignor.)
Novick, Abraham. (See McCarthy, G. L., and Novick.)
Novick, Abraham. (See Smithe, F. B., and Novick.)
Novick, Abraham. (See Smithe, F. L., and Novick.)
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co. Inc., New York, N. Y. Machinery for making window envelopes. 2,191,496; Feb. 27.
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope fastener machine. 2,197,826; Apr. 23.
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., New York, N. Y. Patch applying machine. 2,197,827; Apr. 23.
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope fastener machine. 2,197,828; Apr. 23.
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope making machine. 2,206,043; July 2.
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope construction. 2,206,044; July 2.
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope making machine. 2,209,347; July 30.
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Patch severing and applying mechanism. 2,209,348; July 30.
Novo Patents, Inc. (See Pascale, Pasquale, assignor.)
Novotney, Frank A., Streator, Ill. End gate loader. 2,194,403; Mar. 19.
Novotny, Carl G. (See Frentzel, H. C., Jr., and Novotny.)
Novotny, Emil E., and G. K. Vogelsang, Philadelphia, Pa. Preparation of fusible ketone-aldehyde synthetic resins. 2,191,802; Feb. 27.
Nowag, Wilhelm. (See Baumann, P., Heer, Krapp, and Nowag.)
Nowak, John J., Buffalo, N. Y. Therapeutic apparatus for vapor treatment of the ear. 2,200,008; May 7.
Nowak, Paul, and H. Hofmeier, Berlin-Charlottenburg, and C. Tobis, Berlin-Oberschoneweide, Germany, assignors to General Electric Company. Electrical insulation. 2,191,580; Feb. 27.
Nowak, Paul, and H. Hofmeier, Berlin-Charlottenburg, Germany, assignors to General Electric Company. Electrically insulating composition. 2,209,928; July 30.
Nowak, Paul, and T. Triantaphyllides, Berlin-Charlottenburg, Germany, assignors to General Electric Company. Insulating resinous compositions and electrical conductors coated with the same. 2,191,581; Feb. 27.
Nowak, William J., et al. (See von Scheven, Richard, assignor.)
Nowakowski, Albert J. (See Myers, H. A., Nafzger, and Nowakowski.)
Nowell, William M., and J. F. Gillespie, Raleigh, N. C. Display rail for beds. 2,226,208; Dec. 24.
Nowick, Edward R., Trenton, N. J. Stepladder. 2,221,264; Nov. 12.
Nowland, Roger L. (See Teague, Walter D. and W. D., Jr., and Nowland.)
Nowosielski, Edward B., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Spark plug. 2,189,435; Feb. 6.
Nowosielski, Edward B., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. High tension magneto generator. 2,195,706; Apr. 2.
Nowosielski, Edward B., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Magneto generator. 2,196,682; Apr. 9.
Nowosielski, Edward B., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Ignition apparatus. 2,217,232; Oct. 8.
Noxon, Paul A., Tenafly, N. J., and J. I. Mitchell, Brooklyn, assignors to The Western Union Telegraph Company, New York, N. Y. Printing telegraph apparatus. 2,205,430; June 25.
Noxon, Paul A., Tenafly, and G. F. Miller, Union, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph keyboard mechanism. 2,212,548; Aug. 27.
Noxon, Paul A., Bergenfield, N. J., and J. I. Mitchell, Brooklyn, assignors to The Western Union Telegraph Company, New York, N. Y. Electric selector mechanism. 2,209,998; Aug. 6.
Noyer, Louis, Paris, France, assignor by mesne assignments, to Gar Wood Industries, Inc., Detroit, Mich. Refuse vehicle and the like. Re. 21,499; July 2.
Noyes, Harold E., Gossville, N. H. Heat transfer device. 2,186,077; Jan. 9.

Noyes, Harry A., Waban, Mass., assignor, by mesne assignments, to Z Pack Corporation, Jersey City, N. J. Neutral refrigerating solution. 2,211,153; Aug. 13.
Nuding, Emil, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Pivot gun. 2,190,332; Feb. 13.
Nuesslein, Joseph. (See Ulrich, H., and Nuesslein.)
Nugent, Corliss D., Chicago, Ill. Pressure filter. 2,212,647; Aug. 27.
Null, Fay E., Ridgefield, N. J. Controlled ultraviolet spark. 2,208,386; July 16.
Nulsen, Marvin E., assignor, by mesne assignments, to P. R. Mallory & Co., Inc., Indianapolis, Ind. Vibrator unit. 2,223,573; Dec. 3.
Nulsen, Marvin E., Indianapolis, Ind., R. S. Yoder, Chicago, Ill., and W. P. Lear, New York, N. Y., assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Magnetic interrupter. 2,187,950; Jan. 23.
Nummey, Thomas A., Howard Beach, N. Y. Legless table. 2,206,422; July 2.
Nunn, Flora N., Cleveland, Ohio. Safety harness for children. 2,212,746; Aug. 27.
Nunziato, Charles, Yonkers, N. Y. Pipe fitting cleaner. 2,190,216; Feb. 13.
Nu Pocket Method Co., The. (See Falkovitz, Morris, assignor.)
Nusbaum, Dean S. (See Huggins, Gerald E., assignor.)
Nussbaum, Franz, assignor to L. Gottlieb, New York, N. Y. Sole for footwear. 2,217,990; Oct. 15.
Nussler, Ludwig. (See Morschel, H., Nüssler, Krzikalla, and Alt.)
Nutone Chimes Inc. (See Alexander, Lowell M., assignor.)
Nu Tone Chimes Inc. (See Mason, Fred, assignor.)
Nutt, Harold, Chicago, and R. L. Smirl, Bellwood, assignors to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,219,139; Oct. 22.
Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe cup. 2,223,457; Dec. 3.
Nuttall, Thomas C., London, assignor to Baird Television Limited, Lower Sydenham, London, England. Television and like receiver. 2,200,009; May 7.
Nutting, Arthur, assignor to American Air Filter Company, Inc., Louisville, Ky. Separation of particles from gases. 2,195,707; Apr. 2.
Nutting, Arthur, assignor to American Air Filter Company, Inc., Louisville, Ky. Blade tip for rotary dust separators. 2,209,607; July 30.
Nutting, Arthur, assignor to American Air Filter Company, Inc., Louisville, Ky. Air filter. 2,211,382; Aug. 13.
Nutting, Arthur, assignor to American Air Filter Company, Inc., Louisville, Ky. Automatic stack type air filter. 2,220,347; Nov. 5.
Nutting, Gerry B., Saco, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Tape tensioning pulley for spinning frames. 2,192,147; Feb. 27.
Nutting, Howard S. (See Britton, E. C., Nutting, and Horsley.)
Nutting, Howard S., and M. E. Huscher, assignors to The Dow Chemical Company, Midland, Mich. Preparation of methyl chloroform. 2,209,000; July 23.
Nutting Truck Company. (See Smith, Irwin F., assignor.)
Nuyts, Georges A. H., Le Vesinet, assignor to Société Anonyme Dentclair, Nanterre (Seine), France. Sterilizing device. 2,195,935; Apr. 2.
Nuyts, Georges A. H., Nanterre, France, assignor to United States Envelope Company, Worcester, Mass. Quick opening envelope. 2,204,690; June 18.
Nyberg, Erik G., assignor to A. O. Smith Corporation, Milwaukee, Wis. Enamel lined beer barrel. 2,198,315; Apr. 23.
Nyberg, Stone, Dover, Ohio, assignor to A. J. Reeves Greer, Morgantown, W. Va. Mandrel attachment for pickling machines. 2,199,412; May 7.
Nyberg, Stone, Dover, and H. C. Cappel, New Philadelphia, Ohio, assignors to A. J. R. Greer, Morgantown, W. Va. Method and apparatus for pickling metal coils. 2,216,211; Oct. 1.
Nyborg, Tage G., assignor of one-half to The Mining Engineering Company Limited, Worcester, England. Dust extraction. 2,200,891; May 14.
Nycum, Homer C. (See Berndt, A. A., and Nycum.)
Nydegger, George C., Chicago, Ill. Collapsible box or carton. 2,190,846; Feb. 20.
Nydegger, Roland R. (See Hall, W. P.-G., Johnson, and Nydegger.)
Nydegger, Roland R. (See Johnson, C. R., and Nydegger.)
Nyden, Robert, Long Island City, N. Y. Sheet metal container. 2,197,481; Apr. 16.
Nyden, Robert, Long Island City, N. Y. Metal container. 2,206,260; July 2.
Nyden, Robert, Long Island City, N. Y. Dispensing closure. 2,210,596; Aug. 6.
Nyden, Robert, Long Island City, N. Y. Container. 2,219,486; Oct. 29.
Nyden, Robert, Long Island City, N. Y. Sheet metal container. 2,219,487; Oct. 29.
Nyden, Robert, Long Island City, assignor to Guth Stern & Co., Inc., New York, N. Y. Pocket lighter. 2,192,364; Mar. 5.
Nye, Earl D., assignor of one-half to H. Stierer, Buffalo, N. Y. Bread dispenser. 2,211,349; Aug. 13.
Nye, Hugh C. (See Harrington, F. T., and Nye.)
Nye, Hugh C., assignor to Vickers Incorporated, Detroit, Mich. Broaching machine. 2,216,891; Oct. 8.
Nye, Hugh C., and M. A. Hayden, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,209,608; July 30.
Nye, Norman H. (See Penn, Ralph L. and R. W., and Nye.)
Nye, Norman H., assignor to The Vaughn Machinery Company, Cuyahoga Falls, Ohio. Apparatus for operating on strand or strip material. 2,205,537; June 25.
Nye, Ralph D., Columbus, Ohio. Converting furnace slag into glasslike composition. 2,217,808; Oct. 15.
Nye, Stuart N., Asheville, N. C. Ornamental article and making the same. 2,215,130; Sept. 17.
Nye, Theodore H. (See Crompton, G., Jr., and Nye.)
Nye, Theodore H., Worcester, and H. S. Indge, Westboro, assignors to Norton Company, Worcester, Mass. Lapping machine. 2,211,729; Aug. 13.
Nye Tool and Machine Works, The. (See Lilleberg, Ralph E., assignor.)
Nye Tool & Machine Works, The. (See Lilleberg, Tideman M., assignor.)
Nyestrom, Gunnar B., Cleveland Heights, assignor to The Republic Brass Company, Cleveland, Ohio. Spray head. 2,222,465; Nov. 19.
Nyffenegger, Hans, assignor to Schweizerische Lokomotiv- und Maschinenfabrik, Winterthur, Switzerland. Multistage control device for power driven vehicles including a plurality of prime movers. 2,190,534; Feb. 13.
Nygaard, Edwin M. (See Berger, H. G., George, and Nygaard.)
Nygaard, Karl F. V., assignor to Z. R. Everett, Philadelphia, Pa. Unloading device. 2,218,070; Oct. 15.
Nygaard, Oscar, Saugus, Mass. Detachable snow runner for skates. 2,213,966; Sept. 10.
Nyhagen, Barney R., New York, N. Y. Dry shaver. 2,190,481; Feb. 13.
Nyhagen, Barney R., New York, N. Y. Motor driven dry shaver. 2,215,650; Sept. 24.
Nyhagen, Barney R., Bronx, N. Y. Hair cutting implement. 2,221,314; Nov. 12.
Nyhuis, Gerrit H., Hobart, Ind., assignor to Paramount Textile Machinery Co., Chicago, Ill. Knitting machine. 2,202,119; May 28.
Nyland, Edward R., assignor to General Motors Corporation, Detroit, Mich. Gear lapping machine. 2,186,304; Jan. 9.
Nyman, Ralph V., Providence, R. I. Paper cup. 2,227,361; Dec. 31.
Nyquist, Carl J., et al. (See Geiger, David F., assignor.)
Nyquist, Harry. (See Mitchell, D., and Nyquist.)
Nyquist, Harry, Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission and reception of frequency modulated waves. 2,188,758; Jan. 30.
Nyquist, Harry, Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,206,423; July 2.
Nyquist, Harry, Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Measurement of phase shift. 2,209,064; July 23.
Nystrom, Axel C., Rutherford, and L. O. Reichelt, Cranford, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,200,933; May 14.
Nystrom, Axel C., Rutherford, and L. O. Reichelt, Cranford, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling material. 2,219,196; Oct. 22.
Nystrom, Carl F., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,213,325; Sept. 3.
Nystrom, Karl F., Milwaukee, Wis. Hopper car construction. 2,190,333; Feb. 13.
Nystrom, Karl F., Milwaukee, Wis. Railroad car wall construction. 2,190,334; Feb. 13.
Nystrom, Karl F., Milwaukee, Wis. Car underframe. 2,195,821; Apr. 2.
Nystrom, Karl F., Milwaukee, Wis. Pulley. 2,198,787; Apr. 30.
Nystrom, Karl F., Milwaukee, Wis. Generator suspension mechanism. 2,204,281; June 11.
O. K. Tool Company, The. (See Reaney, Ernest, assignor.)
O. K. Tool Company, The. (See Severson, Ole, assignor.)
Oak Manufacturing Company. (See Allison, Kenneth C., assignor.)
Oak Manufacturing Company. (See Allison, K. C., and Mastney, assignors.)
Oak Manufacturing Company. (See Mastney, E. J., and Sussin, assignors.)
Oak Manufacturing Company. (See Wood, Raymond E., assignor.)
Oakes & Burger Co. (See Gregory, J., and Babcock, assignors.)
Oakes, Earle T. (See Hawkins, W. J., and Oakes.)
Oakite Products, Inc. (See Allison, William M., assignor.)
Oakite Products, Inc. (See Dodd, Sidney R., assignor.)
Oakite Products, Inc. (See Johnson, C., and Allison, assignors.)

Oakleaf, Amos W. (See Scholl, E. L., Oakleaf, and Morron.)
Oakley, Eugene H. (See Holm, M. M., Oakley, and Humphreys.)
Oakley, John, Springfield, assignor to Perkins Machine and Gear Company, West Springfield, Mass. Display apparatus. 2,197,057; Apr. 16.
Oakley, John, Springfield, assignor to Perkins Machine and Gear Company, West Springfield, Mass. Washing machine. 2,210,948; Aug. 13.
Oakley, John, Springfield, assignor to Perkins Machine and Gear Company, West Springfield, Mass. Driving mechanism. 2,225,249; Dec. 17.
Oakley, Laurence M., assignor to Essex Rubber Company, Trenton, N. J. Shoe. 2,208,330; July 16.
Oakley, Laurence M., assignor to Essex Rubber Company, Trenton, N. J. Rubber heel. 2,217,181; Oct. 8.
Oakville Basket Company Limited, The. (See Litchfield, Elmer, assignor.)
Oakwood, Thomas S. (See Marker, R. E., Jones, and Oakwood.)
Oakwood, Thomas S. (See Marker, R. E., and Oakwood.)
Obdyke, Louis K. (See Coltman, James O., assignor.)
Obenshain, Noel, and W. M. Welton, Piedmont, W. Va., assignors to West Virginia Pulp and Paper Company, New York, N. Y. Method of and apparatus for coating paper. 2,199,228; Apr. 30.
Oberdorfer, F., G. m. b. H. (See Schuster, Karl, assignor.)
Oberdorfer, Henry D. (See McGuire, E. C., Oberdorfer, and Van Buskirk.)
Oberg, Elmer B., Evanston, assignor to United States Gypsum Company, Chicago, Ill. Apparatus for the manufacture of casein. 2,190,136; Feb. 13.
Obergfell, Herbert F. (See Bellamy, J. I., Nelson, and Obergfell.)
Obergfell, Herbert F., River Forest, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Mounting for hand telephones. 2,194,806; Mar. 26.
Obergfell, Herbert F., River Forest, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Sound translating device supporting assembly. 2,205,906; June 25.
Obergfell, Herbert F., River Forest, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Signal device. 2,217,073; Oct. 8.
Obergfell, Herbert F., River Forest, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Calling device. 2,217,074; Oct. 8.
Oberhoffken, Alexander, Southfield Township, Oakland County, assignor to American Forging and Socket Company, Pontiac, Mich. Operating handle. 2,204,907; June 18.
Oberhoffken, Alexander, and J. M. Strachan, assignors to The Ingersoll Milling Machine Company, Rockford, Ill. Apparatus for metal removal. 2,193,840; Mar. 19.
Oberhoffken, Alexander, and H. R. Johnson, assignors to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 2,198,633; Apr. 30.
Oberhollenzer, Joseph, Jackson Heights, N. Y., assignor to Power Patents Company, Hillside, N. J. Automatic control of internal combustion engines. 2,220,686; Nov. 5.
Oberholtzer, Paul N., assignor to American Engineering Company, Philadelphia, Pa. Hydraulic control mechanism. 2,210,427; Aug. 6.
Oberländer, Carl, Hamburg, and F. H. Zschacke, Berlin-Wilmersdorf, assignors to Sioto G. m. b. H., Hamburg, Germany. Enamels and glazes and producing the same. 2,194,246; Mar. 19.
Oberle, Alfred, Edgemoor, Md., deceased; G. Oberle administratrix. Producing carbonaceous material. 2,201,050; May 14.
Oberle, Alfred, deceased, Washington, D. C.; G. Oberle, administratrix. Thermolizing liquids. 2,202,463; May 28.
Oberle, Grace. (See Oberle, Alfred.)
Oberle, Grace, administratrix. (See Oberle, Alfred.)
Obermayr, Rudolph, Astoria, N. Y. Panel construction. 2,204,818; June 18.
Obermeier, Pius, Berlin-Wilmersdorf, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Gyroscopic device. 2,225,568; Dec. 17.
Obermoser, Albert, Bruchsal-Baden, Germany. Stepless gear control. 2,209,417; July 30.
Oberright, Edward A. (See Reiff, O. M., Otto, Giammaria, and Oberright.)
Oberst, Clair R. (See Orth, H. S., Oberst, and Cramer.)
Oberstadt, Elizabeth S. (See Deutsch, Fritz A., assignor.)
Oblad, Alex G. (See Heard, L., and Oblad.)
Obodzinski, Anton, assignor of one-half to A. Borst, Chicago, Ill. Time controlled switch for radio receiving sets. 2,206,114; July 2.
Obreiter, Joseph W., Jr., Glen Ridge, assignor to himself and W. L. Ashby, Bloomfield, N. J., as trustees. Air conditioning apparatus. 2,206,115; July 2.
O'Brian, Maurice. (See Kojola, H. V., and O'Brian.)
O'Brian, Maurice, Indianapolis, Ind., assignor to The Prest-O-Lite Company, Inc. Apparatus for dry generation of acetylene. 2,189,762; Feb. 13.
O'Brien, Charles F., Hollis, N. Y. Camera. 2,204,819; June 18.
O'Brien, Charles J. (See Ramsaur, W. R., and O'Brien.)
O'Brien, Falconer, assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Shelf or rack. 2,197,982; Apr. 23.
O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. Dispensing container. 2,196,426; Apr. 9.
O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. Spotting crown caps. 2,216,750; Oct. 8.
O'Brien, Frank J., New York, and A. L. Kronquest, Syracuse, assignors to Continental Can Company, Inc., New York, N. Y. Double tier oven. 2,222,514; Nov. 19.
O'Brien, Frederick J., Nutley, N. J. Belt buckle. 2,203,270; June 4.
O'Brien, Harry E., Washington Township, Marion County, near Indianapolis, Ind. Clarinet key. 2,205,695; June 25.
O'Brien, Howard J. (See Seigle, W. R., O'Brien, and Smith.)
O'Brien, James J., Baltimore, Md., assignor to The Glidden Company, Cleveland, Ohio. Production of cadmium colors. 2,220,116; Nov. 5.
O'Brien, James J., Baltimore, Md., assignor to The Glidden Company, Cleveland, Ohio. Making cadmium sulphide pigments. 2,220,117; Nov. 5.
O'Brien, James J., Baltimore, Md., assignor to The Glidden Company, Cleveland, Ohio. Making cadmium red pigment. 2,226,573; Dec. 31.
O'Brien, James L., assignor to Cleveland Steel Products Corp., Cleveland, Ohio. Oil burning apparatus. 2,215,272; Sept. 17.
O'Brien, James R. (See Hadaway, J. B., and O'Brien.)
O'Brien, Jeremiah W., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Reel. 2,219,818; Oct. 29.
O'Brien, John F., Detroit, Mich. Controlling mechanism for sprinkler systems. 2,208,682; July 23.
O'Brien, John J., New York, N. Y. Perpetual calendar and current date indicator means therefor. 2,226,176; Dec. 24.
O'Brien, John R., Jackson Heights, N. Y. Vacuum breaking device in water systems. 2,217,027; Oct. 8.
O'Brien, John R., Jackson Heights, N. Y. Vacuum breaking device in water systems. 2,217,132; Oct. 8.
O'Brien, Jolly W., Houston, Tex., assignor to National Lead Company, St. Louis, Mo. Well drilling mud conditioner and method. 2,195,752; Apr. 2.
O'Brien, Joseph F., et al. (See Ortman, William J., assignor.)
O'Brien, Ralph R., Columbia, S. C. Boat. 2,208,469; July 16.
O'Brien, Richard J., Lakewood, assignor to Bonnar Vawter Fanform Company, Cleveland, Ohio. Manifold form. 2,226,574; Dec. 31.
O'Brien, Terence H., assignor to Isaac Braithwaite & Son Engineers Limited, Kendal, England. Rope reversing gearing. 2,216,321; Oct. 1.
O'Brien, William L., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Condenser finning machine. 2,224,549; Dec. 10.
O'Brien, William L., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Making condenser fins. 2,224,550; Dec. 10.
Obritschkewitsch, Nickolas, Fox Valley, Saskatchewan, Canada. Wagon tire tightening assembly. 2,209,843; July 30.
Obstfeld, Abraham, et al. (See Drypolcher, William, assignor.)
Obstfeld, Abraham I., et al. (See Obstfeld, Solomon M., assignor.)
Obstfeld, Leon, et al. (See Obstfeld, Solomon M., assignor.)
Obstfeld, Lou, et al. (See Drypolcher, William, assignor.)
Obstfeld, Solomon M., New York, assignor to L. Obstfeld, Brooklyn, and A. I. Obstfeld, New York, N. Y. Staple strip. 2,224,461; Dec. 10.
Obszarny, Thedore. (See Nelsen, M., and Obszarny.)
O'Byrne, John F., Kalamazoo, Mich. Plane construction. 2,191,679; Feb. 27.
O'Callaghan, Jerome J., Chicago, Ill., assignor to Ferrocart Corporation of America, New York, N. Y. Magnetic core and coil assembly. 2,206,261; July 2.
O'Callaghan, Robert D., Des Moines, Iowa. Clothes or like wringer. 2,190,335; Feb. 13.
O'Callaghan, Robert D., Des Moines, Iowa. Roller drive disengaging means for power-driven wringers. 2,197,829; Apr. 23.
Ocean City Manufacturing Company (See Hirsch, S. G., and Gaul, assignors.)
O-Cedar Corp'n. (See Bailey, Warren G., assignor.)
Ocenasek, William F., assignor to Walker-Turner Company, Inc., Plainfield, N. J. Jigsaw blade support and work hold-down. 2,191,410; Feb. 20.
Och, Henry G. (See Barry, J. F., and Och.)
Och, Henry G., West Englewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave filter. 2,216,541; Oct. 1.
Ochoa, José, San Francisco, Calif. Toy device. 2,195,824; Apr. 2.
Ochs, Sidney A. (See Harshberger, N. P., and Ochs.)
Ochs, Sidney A., assignor to Bakelite Building Products Co., Inc., New York, N. Y. Roofing and siding material. 2,206,915; July 9.

Ocón, Cecilio L., Yonkers, N. Y. Production of high quality lubricating oils by cold fractionation, extraction, and synthesis. 2,191,972; Feb. 27.
Ocon, Cecilio L., Yonkers, N. Y. Apparatus and method for heat treating a plurality of hydrocarbon streams. 2,192,238; Mar. 5.
Ocon, Ernest A., New York, N. Y. Cracking and hydrogenating bituminous oils. 2,206,200; July 2.
O'Connell, James M., et al. (See Mobarry, Robert G., assignor.)
O'Connell, James R., assignor to Hardinge Brothers, Inc., Elmira, N. Y. Feed chuck. 2,187,170; Jan. 16.
O'Connor, Arthur F., assignor, by mesne assignments, to Union Asbestos & Rubber Company, Chicago, Ill. Brake mechanism. Re. 21,460; May 21.
O'Connor, Edward P., Pittsburg, Kans., assignor of one-third to J. S. Lemley, St. Louis, Mo., and one-third to W. N. Nelson, Pittsburg, Kans. Railway car truck. 2,206,487; July 2.
O'Connor, James J., assignor to The Mead Corporation, Chillicothe, Ohio. Manufacture of caustic soda and calcium carbonate. 2,211,908; Aug. 20.
O'Connor, John B., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Locking device. 2,195,223; Mar. 26.
O'Day, Cortland N., Port Washington, assignor to Preferred Utilities Company, Inc., New York, N. Y. Permanent outlet control device. 2,224,312; Dec. 10.
O'Day, John H., Des Moines, Iowa. Imitation tree construction. 2,219,112; Oct. 22.
Oddie, Fred A., Southampton, England. Detachable fastener. 2,200,702; May 14.
Oddie, Fred A., Southampton, England. Nut. 2,215,560; Sept. 24.
Odell, Isaac N., Rochester, N. Y., and F. M. Bailey, Ames, Iowa, assignors to Defender Photo Supply Company, Incorporated, Rochester, N. Y. Film magazine. 2,188,690; Jan. 30.
Odell, Isaac N., and R. E. Smith, assignors to Defender Photo Supply Company, Incorporated, Rochester, N. Y. Photographic developer package. 2,214,202; Sept. 10.
Odell, Rodman, Chicago, Ill. Starter for engines. 2,203,338; June 4.
Odell, William W., Lutherville, Md. Producing chemical reactions. Re. 21,526; Aug. 6.
Odhner, Jakob V., Stockholm, Sweden. Transmission control device. 2,194,231; Mar. 19.
Odin, Eugene A., Chicago, Ill. Clamping mechanism. 2,197,875; Apr. 23.
Odin, Eugene A., assignor, by mesne assignments, to National Triangle Securities, Inc., Chicago, Ill. Supporting mechanism. 2,206,467; July 2.
Odom, Earl R., assignor of one-tenth to J. B. Sisson, Marion, Ind. Molding machine for plastics. 2,185,678; Jan. 2.
Odom, Lon T., Heavener, Okla. Fisherman's hat. 2,209,609; July 30.
O'Donnell, Edward M., San Francisco, Calif. Self-seating gasket. 2,191,179; Feb. 20.
O'Donnell, John R., Brooklyn, N. Y. Stair construction. 2,205,859; June 25.
O'Donnell, Roland E., Midland, Tex., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Open hole packer. 2,204,378; June 11.
O'Donnell Rubber Products Company, The. (See Groh, Edward H., assignor.)
O'Donnell Rubber Products Company, The. (See Groh, E. H., and Sweyer, assignors.)
O'Donohoe, Cornelius M. (See Macdonald, D. A., and O'Donohoe.)
O'Dowd, Leslie J., Drummondville, Quebec, Canada, assignor to Celanese Corporation of America. Tension regulator. 2,220,172; Nov. 5.
O'Dwyer, Philip, Detroit, Mich. Boat propelling mechanism. 2,195,597; Apr. 2.
Oeckl, Ludwig, Dessau, Germany. Automatic nail driving hammer operated by means of compressed air. 2,187,692; Jan. 16.
Oeckl, Otto, Berlin, and K. Weinhold, W. Pleines, and L. Kessler, Frankfort, assignors to Frankfurter Maschinenbau-Akt.-Ges. vorm. Pokorny & Wittekind, Frankfort-on-the-Main, Germany. Drilling and riveting machine. 2,216,403; Oct. 1.
Oeffinger, Edmund F. (See Bland, W. A., and Oeffinger.)
Oeffinger, Edmund F. (See Dietz, J. B., and Oeffinger.)
Oeffinger, Edmund F., Aldan, and H. G. Stauffer, Drexel Hill, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Finishing system. 2,201,914; May 21.
Oehler, Alvin W. and R. L. Anderson, assignors to Deere & Company, Moline, Ill. Corn picker. 21,542; Aug. 27.
Oehninger, Stephan, Kilchberg, near Zurich, Switzerland, and W. Mühlau, Berlin-Charlottenburg, Germany, assignors to the firm Lord Investierungs Korporation Aktiengesellschaft (Lord Investment Corporation Limited), Zug, Switzerland. Method of and device for the colored reproduction of films. 2,211,383; Aug. 13.
Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Spring plankless truck. 2,194,447; Mar. 19.
Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Snubber. 2,210,840; Aug. 6.
Oelmann, Wilhelm, Berlin-Lichterfelde, Germany, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigerator. 2,225,926; Dec. 24.
Oelschig, Carl H., Savannah, Ga., assignor of forty per cent to F. W. Jones, Washington, D. C. Locking means for the doors and windows of an automobile body or the like. 2,218,435; Oct. 15.
Oelsner, Waldemar, Copenhagen, Denmark. Acoustical apparatus. 2,212,181; Aug. 20.
Oesch, Hans, Berne, Switzerland. Rotary valve in a distributing device for piston engines. 2,211,288; Aug. 13.
Oesterle, Frank D., Teaneck, N. J., and G. Zellar, Harrison, assignors to Western Electric Company, Incorporated, New York, N. Y. Abrasive material. 2,191,803; Feb. 27.
Oesterreichische Dynamit Nobel Aktiengesellschaft. (See Müller, W. J., and Niessner, assignors.)
Oestreich, Harry G., Withee, Wis. Electric switch. 2,220,424; Nov. 5.
Oestreicher, George J., Cleveland, Ohio. Stop valve. 2,187,477; Jan. 16.
Oestricher, Bernard, Long Beach, N. Y. Coat and shirt display form. 2,211,578; Aug. 13.
Oetting, Frederick A., assignor of one-half to H. E. Kirsch, Sylvan Grove, Kans. Anti-soil-erosion apparatus. 2,195,899; Apr. 2.
O'Farrell, Thomas C. (See Neil, J. B., and O'Farrell.)
Offen, Bernard, Chicago, Ill. Drying method and apparatus. 2,225,505; Dec. 17.
Offen, Bernard, Chicago, Ill. Drying method. 2,226,319; Dec. 24.
Officer, Wesley J., Hampden, and O. T. Wood, assignors to Blake Manufacturing Corporation, Clinton, Mass. Flashlight switch. 2,197,941; Apr. 23.
Offill, Donald, et al. (See Bragg, Dillon C., assignor.)
Offutt, John W., Ellwood City, Pa. Rolling pin. 2,208,729; July 23.
Offutt, John W., Ellwood City, Pa., assignor to National Tube Company. Making tubing. 2,215,933; Sept. 24.
Oftedal, Maurice S. (See Dahl, Oscar, assignor.)
Ogden, Arthur N. (See Cross, R. P., Jr., and Ogden.)
Ogden, Ashley G., Baltimore, Md. Photocomposing machine. 2,207,265; July 9.
Ogden, Ashley G., Baltimore, Md. Photographic justifying machine. 2,207,266; July 9.
Ogden, Franklin F., Wollaston, Mass., assignor, by mesne assignments, to Monsanto Chemical Company. Treatment of proteinaceous solutions. 2,212,479; Aug. 20.
Ogden, Geoffrey, Norton-On-Tees, England, assignor to Imperial Chemical Industries Limited. Manufacture of ammonium sulphate. 2,226,101; Dec. 24.
Ogden, Harold S., Erie, Pa., assignor to General Electric Company. Control system. 2,206,706; July 2.
Ogden, Harold S., Erie, Pa., assignor to General Electric Company. Protective system. 2,209,826; July 30.
Ogden, Harold S., Erie, Pa., assignor to General Electric Company. Control system. 2,215,296; Sept. 17.
Ogden, J. Edward, Company. (See Prescott, Arthur T., assignor.)
Ogden, Jacob W., Springdale, assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Printing die protection means. 2,204,968; June 18.
Ogg, Leon L., Creston, Iowa. Photographer's work cabinet. 2,213,146; Aug. 27.
Ogilby, Stewart R., Staten Island, assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Manufacture of a plurality of similarly shaped articles. 2,207,815; July 16.
Ogilby, Stewart R., Staten Island, assignor to United States Rubber Company, New York, N. Y. Forming rubber articles. 2,215,561; Sept. 24.
Ogilby, Stewart R., Staten Island, assignor to United States Rubber Company, New York, N. Y. Forming rubber articles. 2,215,562; Sept. 24.
Ogilby, Stewart R., Staten Island, assignor to United States Rubber Company, New York, N. Y. Coating fabrics with rubber. 2,215,563; Sept. 24.
Ogilvie, Allan R., Oaklyn, N. J., assignor to Radio Corporation of America. Measurement of dielectrics. 2,203,839; June 11.
Ogilvie, James, Buffalo, and R. S. Wilder, Hamburg, assignors to National Aniline & Chemical Company, Inc., New York, N. Y. Production of aminoanthraquinone compounds. 2,185,709; Jan. 2.
Ogilvie, James, Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Manufacture of benzophenone polycarboxylic acids. 2,202,063; May 28.
Ogilvie, William, Knowle, assignor to B. S. A. Tools Limited, Birmingham, England. Automatic lathe. 2,201,051; May 14.
Ogilvie, William, Knowle, assignor to B. S. A. Tools Limited, Birmingham, England. Thread-cutting device for lathes. 2,204,441; June 11.
Oglesby, Nicholas E., assignor to Behr-Manning Corporation, Troy, N. Y. Coated abrasive. 2,199,752; May 7.
Oglesby, Nicholas E., assignor to Behr-Manning Corporation, Troy, N. Y. Abrasive paper and making the same. 2,217,525; Oct. 8.
Oglevee, Isaac N., Prospect Park, Pa., assignor, by mesne assignments, to Magnaflux Corporation. Magnetic testing of turbine blades. 2,225,179; Dec. 17.

O'Gorman, Gaynor. (See Legro, R. P., and O'Gorman.)
O'Grady, Daniel J., Los Angeles, assignor to H. J. Eastman, Long Beach, Calif. Expansion bit and reamer. 2,203,998; June 11.
O'Grady, Frederick T., Flushing, N. Y. Apparatus for printing motion picture films. 2,207,103; July 9.
Ogrinc, John, East Norwalk, Conn. Pump. 2,222,954; Nov. 26.
O'Hagan, Bernard E. (See Hines, C. M., and O'Hagan.)
O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Control apparatus. 2,193,074; Mar. 12.
O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Motor overload protection system. 2,203,920; June 11.
O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Switch control system. 2,208,429; July 16.
O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,215,821; Sept. 24.
O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,215,822; Sept. 24.
O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,215,823; Sept. 24.
O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,215,910; Sept. 24.
O'Hagan, Bernard, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,216,623; Oct. 1.
O'Halloran, Joseph P., and A. E. Crocker, assignors to Okopa Carbon Paper Eliminator Limited, London, England. Typewriter, calculating machine, and the like. 2,199,291; Apr. 30.
O'Hara, James V., and J. J. Kotzin, Philadelphia, Pa.; said O'Hara assignor to said Kotzin. Capsule filling device. 2,200,244; May 14.
O'Hare, John J., North Brookfield, Mass., assignor to Voorhees Rubber Mfg. Co., Inc., New York, N. Y. Forming a pump valve. 2,225,081; Dec. 17.
O'Hern, John P., Syracuse, N. Y. Power hack saw. 2,206,614; July 2.
Ohio Boxboard Company, The. (See Stocker, Frederick C., assignor.)
Ohio Brass Company, The. (See Averill, Rex G., assignor.)
Ohio Brass Company, The. See Chandler, Homer P., assignor.)
Ohio Brass Company, The. (See Higgins, Ralph, assignor.)
Ohio Brass Company, The. (See Larsson, Ernst A., assignor.)
Ohio Brass Company, The. (See Matthes, Samuel S., assignor.)
Ohio Brass Company, The. (See McClure, Earl L., assignor.)
Ohio Brass Company, The. (See Meisse, Louis A., assignor.)
Ohio Brass Company, The. (See Rorden, Harold L., assignor.)
Ohio Brass Company. (See Ross, Paul M., assignor.)
Ohio Brass Company, The. (See Ryan, Edmund C., assignor.)
Ohio Brass Company, The. (See Smith, William A., assignor.)
Ohio Brass Company, The. (See Taylor, John J., assignor.)
Ohio Chemical and Manufacturing Company, The. (See Heidbrink, Jay A., assignor.)
Ohio Chemical and Manufacturing Company, The. (See Sholes, Justin G., assignor.)
Ohio Citizens Trust Company, The. (See Replogle, Daniel B., assignor.)
Ohio Corrugating Company, The. (See Vaughn, Harold G., assignor.)
Ohio Crankshaft Company, The. (See Denneen, F. S., and Dunn, assignors.)
Ohio Crankshaft Company, The. (See Denneen, F. S., Dunn, and Mitchell, assignors.)
Ohio Cultivator Company, The. (See Russell, Stanley, assignor.)
Ohio Cultivator Company, The. (See Simmons, C. M., and Englund, assignors.)
Ohio Electric Manufacturing Co., The. (See Wertz, Roy O., assignor.)
Ohio Ferro-Alloys Corporation. (See Glunz, H. V., and Painter, assignors.)
Ohio Ferro-Alloys Corporation. (See Jones, Robert R., assignor.)
Ohio Injector Company, The. (See Goff, William F., assignor.)
Ohio Injector Company, The. (See Le Beau, Henry C., Jr., assignor.)
Ohio Oil Company, The. (See Schoeneck, William E., assignor.)
Ohio Rubber Company, The. (See Edwards, George N., assignor.)
Ohio Rubber Company, The. (See England, William E., assignor.)
Ohio Rubber Company, The. (See McWhorter, John F., assignor.)
Ohio Rubber Company, The. (See McWhorter, J. F., and Humphreys, assignors.)
Ohio Rubber Company, The. (See Winegar, Edmund M., assignor.)
Ohio Truss Company, The. (See Pease, William A., assignor.)
Ohlhaver, Homer W., River Forest, Ill., assignor to Marathon Paper Mills Company, Rothschild, Wis. Receptacle for refrigerators. 2,223,020; Nov. 26.
Ohlinger, Leo A., assignor to Standard Oil Company, Chicago, Ill. Nozzle. 2,221,455; Nov. 12.
Ohls, Robert L., assignor to Reed Roller Bit Company, Houston, Tex. Governor. 2,203,874; June 11.
Ohlsson, Ernst. (See Orelup, J. W., and Ohlsson.)
Ohmann, George M. (See Herman, J. W., and Ohmann.)
Ohmart, Grayston R., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Piston rod connection. 2,213,884; Sept. 3.
Ohme, Walter F., and R. C. Stephan, assignors to North Star Specialty & Manufacturing Company, Minneapolis, Minn. Spraying device. 2,217,324; Oct. 8.
Ohmer, John F., Jr., Beverly Hills, Calif. Record taking apparatus. 2,206,116; July 2.
Ohotto, John H., Bowlus, Minn. Snap fastener. 2,216,499; Oct. 1.
Ohntrup, Robert F., assignor to Tompkin's Label Service, Philadelphia, Pa. Web-feeding and end-gumming machine. 2,199,753; May 7.
Oil Devices. (See Breese, James L., assignor.)
Oil Devices. (See Hayter, B., and Huston, assignors.)
Oil Devices, et al. (See Reeves, Herbert M., assignor.)
Oil Engine Development Company. (See Cummins, Clessie L., assignor.)
Oil Equipment Engineering Corporation. (See Scaramucci, Domer, assignor.)
Oiler, Frank E., Mount Vernon, N. Y. Apparatus for photographing documents. 2,201,009; May 14.
Oilgear Company, The. (See Ferris, Walter, assignor.)
Oilgear Company, The. (See Grad, Adolf R., assignor.)
Oilgear Company, The. (See Simonds, Paul, assignor.)
Oilgear Company, The. (See Tyler, Ransom, assignor.)
Oil Specialties Trustees. (See Frame, Alfred P.)
Oil Well Engineering Company. (See Hughes, James D., assignors.)
Oil Well Manufacturing Corporation. (See White, C., and Graham, assignors.)
Oil Well Supply Company. (See Fuller, John S., assignor.)
Oil Well Supply Company. (See Mackowski, Leon L., assignor.)
Oil Well Supply Company. (See Maier, August R., assignor.)
Oil Well Supply Company. (See Shimer, John M., assignor.)
Oil Well Tools, Inc. (See Litolff, Osmond J., assignor.)
Ojalvo, Edmond, New York, N. Y. Lock. 2,221,992; Nov. 19.
Oka, Kyohei, Setagaya-ku, Tokyo, assignor to Kabushiki Kaisha Shimizugumi Kyobashi-ku, Tokyo, Japan. Apparatus for driving piles without noise and vibration. 2,209,660; July 30.
Okabe, Kinjiro, Geidomura, Mukogun, Japan, assignor to Radio Corporation of America, New York, N. Y. Vacuum tube for microwaves or ultra-short waves. 2,187,171; Jan. 16.
Okabe, Kinjiro, Ashiya, Japan, assignor to Radio Corporation of America, New York, N. Y. Vacuum tube. 2,187,172; Jan. 16.
O'Keefe, Joseph F., West New York, N. J. Device for laying courses and the like. 2,207,410; July 9.
Okesson, Otto A., and A. E. Person, Jamestown, N. Y. Trolling spoon. 2,215,764; Sept. 24.
Okie, Francis G., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Sheet abrasive and making the same. 2,219,263; Oct. 22.
Okie, Francis G., Dellwood, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Sheet abrasive. 2,219,278; Oct. 22.
Oklahoma Natural Gas Company. (See Ducker, R. W., Boydston, McConnell, and Daniels, assignors.)
Okonite-Callender Cable Company, The. (See Bennett, Charles E., assignor.)
Okonite-Callender Cable Company, The. (See Gooding, Francis H., assignor.)
Okonite-Callender Cable Company, The. (See McParlin, Daniel V., assignor.)
Okonite-Callender Cable Company, The. (See Meyer, Fred C., assignor.)
Okonite Company, The. (See Youmans, Edward D., assignor.)
O'Koomian, Charles H., Providence, R. I. Apparatus for molding plastic objects of irregular shape. 2,200,634; May 14.
Okopa Carbon Paper Eliminator Limited. (See O'Halloran, J. P., and Crocker, assignors.)
Okun, Edward, assignor to American Folding Umbrella Corporation, New York, N. Y. Folding umbrella. Re. 21,492; June 25.
Okun, Edward, assignor to American Folding Umbrella Corporation, New York, N. Y. Folding umbrella. 2,221,288; Nov. 12.
Okun, Edward, assignor to American Folding Umbrella Corporation, New York, N. Y. Umbrella. 2,221,289; Nov. 12.

Okun, Nathaniel N., New York, N. Y. Shorting device. 2,206,045; July 2.
Okun, Nathaniel N., New York, N. Y., assignor of one-third to C. M. Palmer, Washington, D. C. Wheel. 2,221,553; Nov. 12.
Okun, Nathaniel N., Bronx, assignor to Atlas Floor Surfacing Machinery Corporation, New York, N. Y. Floor treating machine. 2,221,315; Nov. 12.
Okun, Nathaniel N., Bronx, N. Y., assignor of one-third to C. M. Palmer, Washington, D. C. Sealed bearing. 2,221,554; Nov. 12.
Olah, George. (See Harley, S. J., and Olah.)
Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Draft and buffing gear. 2,196,324; Apr. 9.
Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Car construction. 2,225,711; Dec. 24.
Olcott, Charles A., West Milford, N. J. Water cooling of brake drums. 2,220,824; Nov. 5.
Olcott, Harold S., Pittsburgh, Pa., assignor to Cotton Research Foundation. Recovery of globulin from cottonseed. 2,194,867; Mar. 26.
Olcott, Harold S., Pittsburgh, Pa., assignor to Cotton Research Foundation, Memphis, Tenn. Sweeping composition. 2,198,013; Apr. 23.
Old, Charles A., Oakland, Calif. Tumbling machine. 2,197,277; Apr. 16.
Old Colony Envelope Company. (See Adams, Julius R., assignor.)
Old Colony Envelope Company. (See Davidson, P. B., and Adams, assignors.)
Old Dominion Box Company. (See Swafford, Carl R., assignor.)
Old National Bank & Union Trust Co., et al., executors. (See Cunningham, John G.)
Olden, Harry L., assignor to The Cincinnati Sheet Metal & Roofing Company, Cincinnati, Ohio. Shingle. 2,209,704; July 30.
Oldenburg, Edward G., Gordon, Nebr. Potato slicing machine. 2,226,071; Dec. 24.
Older, Clifford, Wilmette, Ill. Expansion joint for concrete pavements and the like. Re. 21,403; Mar. 19.
Older, Clifford, Wilmette, Ill. Making concrete road joints. 2,194,717; Mar. 26.
Older, Clifford, Wilmette, Ill. Concrete road joint. 2,194,718; Mar. 26.
Older, Clifford, Wilmette, Ill. Concrete road joint. 2,203,999; June 11.
Older, Clifford, Wilmette, Ill. Concrete road joint. 2,212,615; Aug. 27.
Oldham, John M., Pleasant Ridge, assignor to L. A. Young, Detroit, Mich. Spark plug connection. 2,190,162; Feb. 13.
Oldham, John M., Pleasant Ridge, assignor to L. A. Young, Detroit, Mich. Jointed nut and making same. 2,199,007; Apr. 30.
Oldham, Samuel R. (See Jacobsson, W. J., and Oldham.)
Olds, Phelps, Little Neck, N. Y. Flashlight apparatus. 2,205,860; June 25.
O'Leary, Charles M., Jr., et al. (See Patterson, Edgar W., assignor.)
O'Leary, Charles M., Los Angeles, Calif. Taking well cores. 2,210,464; Aug. 6.
O'Leary, Charles M., Los Angeles, Calif. Combined expansion joint and union. 2,212,747; Aug. 27.
O'Leary, Charles M., Los Angeles, Calif. Pumping apparatus. 2,218,214; Oct. 15.
O'Leary, Charles M., Houston, Tex. Air balance for pumps. 2,218,215; Oct. 15.
O'Leary, Charles M., Houston, Tex. Fluid counterbalance. 2,218,216; Oct. 15.
O'Leary, Jeremiah J., Buffalo, N. Y. Structural block. 2,199,112; Apr. 30.
O'Leary, William C., Washington, D. C. Vacuum wall receptacle. Re. 21,618; Nov. 5.
O'Leary, William C., Washington, D. C. Cooling system. 2,213,254; Sept. 3.
Oleksiw, Jerome J., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Door lift mechanism. 2,226,737; Dec. 31.
O'Lena, Louis A., Forest Hills, N. Y. Broom reinforcer. 2,200,121; May 7.
Olesen, Jacob A., Enumclaw, Wash. Coil making apparatus. 2,225,180; Dec. 17.
Oletime Woodsman's Line, The. (See Sherer, Osborn, assignor.)
Olin, Floyd W., Hapeville, Ga., assignor to Oswego Falls Corporation, Fulton, N. Y. Apparatus for dispensing heavy liquids. 2,200,189; May 7.
Olin, Gösta, Stockholm, Sweden. Refrigerated shop counter. 2,208,936; July 23.
Olin, John F., Grosse Ile, Mich., assignor to The Sharples Solvents Corporation, Philadelphia, Pa. Manufacture of detergents. 2,203,696; June 11.
Olin, John F., Grosse Ile, Mich., assignor to The Sharples Solvents Corporation, Philadelphia, Pa. Manufacture of resins. 2,208,331; July 16.
Olin, John F., and T. E. Deger, Grosse Ile, Mich., assignors to The Sharples Solvent Corporation, Philadelphia, Pa. Ammonolysis of secondary and tertiary amines. 2,192,523; Mar. 5.
Olin, John F., Grosse Ile, and F. P. Fritsch, Wyandotte, Mich., assignors to The Sharples Solvents Corporation, Philadelphia, Pa. Manufacture of polycarboxylic acids. 2,226,357; Dec. 24.
Olin Manufacturing Co. (See Holloway, A. F., and Goodin, assignors.)
Oliva, Bruno, St. Albens, N. Y. Shoe with elastic throat. 2,195,320; Mar. 26.
Oliva, Ervin W., Granger, Tex. Mechanical tire dislodging device. 2,199,162; Apr. 30.
Oliver, Chauncey B., Las Vegas, Nev., assignor to Babson Bros., Chicago, Ill. Cooling apparatus. 2,203,439; June 4.
Oliver Farm Equipment Company. (See Altgelt, R. J., and Gemberling, assignors.)
Oliver Farm Equipment Company. (See Hjelm, George E., assignor.)
Oliver Farm Equipment Company. (See Martin, Thomas E., assignor.)
Oliver, James G., Rosslyn Farms, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Process and apparatus for bending glass sheets. 2,215,228; Sept. 17.
Oliver, Ralph R., assignor to Lockport Cotton Batting Co., Lockport, N. Y. Fireproofing cellulosic fibrous materials. 2,185,695; Jan. 2.
Oliver, Sheffield F., Modesto, Calif. Piston expanding tool. 2,203,175; June 4.
Oliver, Thomas C., Jackson Heights, assignor to Charlotte Chemical Laboratories, Inc., Charlotte, N. C. Sulphonation of unsaturated organic substances. 2,203,440; June 4.
Oliver, Thomas C., Jackson Heights, N. Y., assignor to Charlotte Chemical Laboratories, Inc., Charlotte, N. C. Water-soluble and oil-soluble sulphonic or sulphate derivatives of hydrocarbons. 2,203,441; June 4.
Oliver United Filters Incorporated. (See Ackerly, Orville B., Jr., assignor.)
Oliver United Filters Incorporated. (See Culver, Edwin S., assignor.)
Oliver United Filters Incorporated. (See Evans, Franklin J., assignor.)
Oliver United Filters Incorporated. (See Flynn, E. D., and Kurz, assignors.)
Oliver United Filters Incorporated. (See Oswald, Harold F., assignor.)
Oliver United Filters Incorporated. (See Trinkle, Dallas R., assignor.)
Oliveros, C. A. (See Armstrong, Charles L., assignor.)
Olivetti, Firm Ing. C., & C. S. A. (See Beccio, Giuseppe, assignor.)
Olivetti, Ing. C., & C. S. A. (See Beccio, Giuseppe, assignor.)
Olken, David, Boston, and G. Bernat, Brookline, assignors to Emile Bernat & Sons Co., Jamaica Plain, Mass. Winding yarn. 2,209,471; July 30.
Ollagnon, Paul, Saint-Etienne, France. Hand-actuated carriage. 2,216,982; Oct. 8.
Olley, Maurice, assignor to General Motors Corporation, Detroit, Mich. Hydraulic brake. 2,219,786; Oct. 29.
Ollier, Joseph O. (See Singer, Felix, assignor.)
Olmsted, Clifton E., and H. McClary, Tacoma, Wash. Rubber glove. 2,187,430; Jan. 16.
Olney, E. C., & Company. (See Olney, Ernest C., assignor.)
Olney, Ernest C., assignor to E. C. Olney & Company, Inc., Syracuse, N. Y. Accounting machine. 2,202,784; May 28.
Olney, George J., Westernville, N. Y. Vegetable cleaner and separator. 2,198,390; Apr. 23.
Olpin, Henry C. (See Ellis, G. H., and Olpin.)
Olpin, Henry C. (See Ellis, G. H., Topham, and Olpin.)
Olpin, Henry C., and G. H. Ellis, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textile fabrics. 2,192,984; Mar. 12.
Olsen, Anders C., Ambler, Pa. Building structure. 2,187,752; Jan. 23.
Olsen, Arloe R., assignor to Hercules Powder Company, Wilmington, Del. Lacquer composition containing a solution of chlorine-containing rubber. 2,211,431; Aug. 13.
Olsen, Arloe R., assignor to Hercules Powder Company, Wilmington, Del. Paints, printing inks, and the like. 2,227,102; Dec. 31.
Olsen, Arthur S. (See Ritzinger, A., and Olsen.)
Olsen, Erling C. (See Reohr, John H., assignor.)
Olsen, Frank, Arverne, Long Island, N. Y. Holder. 2,211,757; Aug. 20.
Olsen, Fredrich. (See Goff, L. E., Sheldon, Herzog, and Olsen.)
Olsen, Fredrich. (See Sheldon, L. M., Goff, Herzog, and Olsen.)
Olsen, Fredrich, G. C. Tibbitts, and E. B. W. Kerone, Alton, assignors to Western Cartridge Company, East Alton, Ill. Manufacture of smokeless powders. 2,206,916; July 9.
Olsen, Fredrich, G. C. Tibbitts, and E. B. W. Kerone, Alton, assignors to Western Cartridge Company, East Alton, Ill. Explosive. 2,213,255; Sept. 3.
Olsen, Harold L., Cincinnati, Ohio. Handle structure. 2,222,358; Nov. 19.
Olsen, Henry C. (See Thomas, Claud, assignor.)
Olsen, John C., assignor, by mesne assignments, to Chicago Rawhide Manufacturing Company, Chicago, Ill. Seal. Re. 21,475; June 4.
Olsen, John C., assignor to Flexible Steel Lacing Company, Chicago, Ill. Belt fastener. 2,189,291; Feb. 6.
Olsen, John C., assignor to Flexible Steel Lacing Company, Chicago, Ill. Belt fastener. 2,189,292; Feb. 6.

Olsen, John C., assignor to Flexible Steel Lacing Company, Chicago, Ill. Belt preparing tool. 2,205,731; June 25.
Olsen, John H., assignor to Pulp Reproduction Company, Milwaukee, Wis. Molded article. 2,202,064; May 28.
Olsen Joseph O., assignor to Mattison Machine Works, Rockford, Ill. Machine tool. 2,220,268; Nov. 5.
Olsen, Kolbjorn, Brooklyn, N. Y. Antiglare visor. 2,204,691; June 18.
Olsen, Louis R., Wesleyville, assignor to Erie Meter Systems, Incorporated, Erie, Pa. Reset lock for dispensing stands. 2,212,376; Aug. 20.
Olsen Mark Corporation. (See Makarius, T., and Verzera, assignors.)
Olsen, Niels H. F., assignor to Ford Motor Company, Dearborn, Mich. Automotive vehicle construction. 2,219,140; Oct. 22.
Olsen, Oscar, et al. (See Crawford, Walter C., assignor.)
Olsen, Tinius, Testing Machine Company. (See Lewis, Robert B., assignor.)
Olshevsky, Dimitry E., assignor to Eclipse Aviation Corporation, East Orange, N. J. Electrical apparatus. 2,205,306; June 18.
Olson, Albert M. (See Norin, A. A., and Olson.)
Olson, Arthur A., Youngstown, Ohio. Heating system. 2,218,404; Oct. 15.
Olson, Axel V., Porter, Ind. Combination flashlight and battery case. 2,197,314; Apr. 16.
Olson, Bert A., Maywood, Ill. Beam. 2,187,280; Jan. 16.
Olson, Buford W. (See Erickson, L. E., and Olson.)
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Electrical connector device. 2,191,297; Feb. 20.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Fastener. 2,191,771; Feb. 27.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Fastening device. 2,195,598; Apr. 2.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Thread rolling die and method. 2,197,732; Apr. 16.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Method and means for fastening. 2,200,227; May 7.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Fastener unit and making same. 2,225,654; Dec. 24.
Olson, Chas., & Sons, Incorporated. (See Erickson, L. E., and Olson, assignors.)
Olson, Eddie V., Minneapolis, Minn. Collapsible teeter-totter. 2,198,947; Apr. 30.
Olson, Elmer, assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,189,219; Feb. 6.
Olson, Elmer, assignor to M. E. Chandler, Detroit, Mich. Carburetor accelerating means. 2,199,509; May 7.
Olson, Eric P., Brooklyn, assignor to The Diamond Match Company, New York, N. Y. Cover clamping and tucking mechanism for match booking machines. 2,225,927; Dec. 24.
Olson, Gunner, and W. S. Williams, Chicago, Ill. Oil filter. 2,223,701; Dec. 3.
Olson, Harry F., Audubon, N. J., assignor to Radio Corporation of America. Loud-speaker. 2,203,875; June 11.
Olson, Harry F., Audubon, N. J., assignor to Radio Corporation of America. Loud speaker. 2,224,919; Dec. 17.
Olson, Helen K. (See Huff, E. D. L., and Olson.)
Olson, Hilmer C., Chicago, Ill. Composite color scale. 2,196,271; Apr. 9.
Olson, John B., assignor to James Manufacturing Company, Fort Atkinson, Wis. Oil burning stove. 2,197,244; Apr. 16.
Olson, John B., and W. M. Willett, assignors to James Manufacturing Company, Fort Atkinson, Wis. Wood burning brooder stove. 2,194,868; Mar. 26.
Olson, John B., and G. T. Markey, assignors to James Manufacturing Company, Fort Atkinson, Wis. Watering device for laying cages. 2,212,549; Aug. 27.
Olson, John B., A. Zenk, and W. M. Willett, assignors to James Manufacturing Company, Fort Atkinson, Wis. Pheasant brooder. 2,223,358; Dec. 3.
Olson, John W., Hastings on Hudson, assignor to Anaconda Wire and Cable Company, New York, N. Y. Electric conductor. 2,186,788; Jan. 9.
Olson, Joseph M., Coeur d'Alene, Idaho. Tank gauge. 2,206,329; July 2.
Olson, Leif. (See Beebe, Edward M., assignor.)
Olson, Malven L., Indianapolis, Ind., assignor to Oxweld Acetylene Company. Acetylene generator. 2,215,071; Sept. 17.
Olson, Oscar, et al. (See Fischer, Paul F., assignor.)
Olson, Oscar A., Jr., Scarsdale, N. Y. Heat exchange apparatus. 2,205,431; June 25.
Olson, Oscar B., St. James, Minn. Automobile spring wheel. 2,211,758; Aug. 20.
Olson, Oscar R. (See Ritts, A. V., and Olson.)
Olson, Phillip W., Grand Rapids, Mich., assignor to Automatic Instrument Company. Tone arm pickup. 2,191,026; Feb. 20.
Olson, Phillip W., Grand Rapids, Mich., assignor, by mesne assignments, to Arnold, Schwinn & Company, Inc., Chicago, Ill. Bicycle lock. 2,204,908; June 18.
Olson, Raymond E., Pittsford, assignor to Taylor Instrument Companies, Rochester, N. Y. Control of pasteurizing systems and the like. 2,214,175; Sept. 10.
Olson, Robert V., Attleboro, Mass., assignor to Mossberg Pressed Steel Corporation. Braider carrier. 2,211,730; Aug. 13.
Olson, Robert V., and B. A. Johnson, Attleboro, Mass., assignors to Mossberg Pressed Steel Corporation. Spool or reel. 2,212,377; Aug. 20.
Olson, Sam C. (See Jones, E. A., Lavorgna, Westmont, and Olson.)
Olson, Samuel, Chicago, Ill. Conveyer roller construction. 2,190,336; Feb. 13.
Olsson, Bengt, Brooklyn, N. Y. Oil pumping apparatus and method. 2,210,123; Aug. 6.
Olsson, Johannes, assignor to Aktiebolaget Götaverken, Goteborg, Sweden. Valve gear for reciprocating engines. 2,220,173; Nov. 5.
Olston, Otto, Denver, Colo. False desk top. 2,227,150; Dec. 31.
Olt, Leonard F., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Pack of gaskets. 2,206,262; July 2.
Oltman, Ray C., Pasadena, Calif., assignor to The Edward Katzinger Company, Chicago, Ill. Bakepan cover. 2,188,543; Jan. 30.
Oltman, Ray C., Pasadena, Calif., assignor to The Edward Katzinger Company, Chicago, Ill. Bakepan nesting lug. 2,222,584; Nov. 19.
Olund, Charles J., Cambridge, Minn. Bag rack. 2,208,470; July 16.
Olympia Buromaschinenwerke A. G. (See Krüger, Johannes, assignor.)
Olympia Buromaschinenfabrik A. G. (See Martin, Hans, assignor.)
O'Malley, Arthur F., Valley Stream, N. Y. Building construction unit. 2,191,804; Feb. 27.
O'Malley, John F., Flushing, N. Y. Airplane. 2,192,774; Mar. 5.
O'Malley, Joseph, New Bedford, Mass. Shade pull. 2,211,982; Aug. 20.
O'Malley, Joseph M. (See Young, R. W., and O'Malley.)
O'Malley, Joseph M., assignor to Morgan Construction Company, Worcester, Mass. Power-driven conveyer. 2,217,075; Oct. 8.
Oman, Carl, East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ammeter. 2,210,685; Aug. 6.
Omansky, Morris, Brookline, assignor to Para-Bond Corporation of America, Boston, Mass. Structural material. 2,221,431; Nov. 12.
O'Meara, Alan T. (See Strickland, T. P., and O'Meara.)
O'Meara, Joseph, St. Paul, Minn. Shopping bag. 2,212,790; Aug. 27.
Omes Limited. (See Gaspar, Emeric, assignor.)
Omes Limited. (See Mora, Grato, assignor.)
Omnicolor Picture Corporation. (See Sartiv, H., and Lindstedt, assignors.)
Omohundro, George D. (See Platt, G. G., and Omohundro.)
Omon, Gene L. (See Tranaas, E. L., and Omon.)
Onderdonk, Philip B., Baltimore, Md., assignor to U. S. Industrial Alcohol Co., New York, N. Y. Alcohol fuel of the nitrocellulose-gel type. 2,207,894; July 16.
O'Neal, George R., Washington, D. C., assignor to G. H. Hutaff, Jr., Wilmington, N. C. Figure toy. 2,218,049; Oct. 15.
O'Neal, Wilburn W., North Little Rock, Ark. Apparatus for laying highway marking tape. 2,192,290; Mar. 5.
O'Neal, Wilfred J., Innisfail, Alberta, Canada. Engine radiator. 2,226,320; Dec. 24.
Oneida Paper Products, Inc. (See Bischoff, Ludwig, assignor.)
O'Neil, James A., Lynn, Mass., assignor to General Electric Company. Reflector. 2,194,431; Mar. 19.
O'Neil, James A., Lynn, Mass., assignor to General Electric Company. Luminaire. 2,214,861; Sept. 17.
O'Neil, James H., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Coating cans and attaching end members thereto. 2,214,435; Sept. 10.
O'Neil, William E., et al. (See Booty, Philip C. P., assignor.)
O'Neill, Edith L. (See O'Neill, Frank E., assignor.)
O'Neill, Frank, Miami Beach, Fla., assignor to Owens-Illinois Glass Company. Glassware forming machine. 2,191,132; Feb. 20.
O'Neill, Frank E., assignor to E. L. O'Neill, Glendale, Calif. Perforating well casing and the like. 2,203,796; June 11.
O'Neill, Frank E., Glendale, and R. G. Whealton, Altadena, assignors to Mordica O. Johnston, Glendale, Calif. Measuring and controlling fluid pressures. 2,203,577; June 4.
O'Neill, George D., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electron discharge device. 2,192,753; Mar. 5.
O'Neill, George D., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electrographic system and apparatus. 2,209,929; July 30.
O'Neill, James J., Oakland, Calif. Clamp. 2,194,317; Mar. 19.
O'Neill, James J., and M. C. Cox, Oakland, Calif. Clamp. 2,194,318; Mar. 19.
O'Neill, Theodore H., Wyandotte, Mich. Shoe holder. 2,214,085; Sept. 10.
Onions, John H. (See Thornhill, Peter W., assignor.)
Onions, John H., et al. (See Thornhill, Peter W.)

Onions, John H., Leamington Spa, England. Shock absorber for aircraft. 2,186,266; Jan. 9.
Onions, John H., Leamington Spa, England. Fluid pressure motor. 2,193,736; Mar. 12.
Onions, John H., and P. W. Thornhill, Leamington Spa, England; said Thornhill assignor to said Onions. Rectilinear motion bearing. 2,198,039; Apr. 23.
Onondaga Pottery Company. (See Cowan, R. Guy, assignor.)
Onondaga Pottery Company. (See Smith, James J., assignor.)
Onorato, Paul, San Mateo, and E. Weinaug, San Francisco, Calif., said Weinaug assignor to Barker Poultry Equipment Company, Ottumwa, Iowa. Poultry killing machine. 2,210,376; Aug. 6.
Onorato, Paul, San Mateo, and E. Weinaug, San Francisco, Calif., said Weinaug assignor to Barker Poultry Equipment Company, Ottumwa, Iowa. Poultry treating apparatus. 2,210,377; Aug. 6.
Onsrud Machine Works, Inc. (See Onsrud, Rudolph F., assignor.)
Onsrud, Rudolph F., assignor to Onsrud Machine Works, Inc., Chicago, Ill. Bending table. 2,203,027; June 4.
Oosterhout, Johan C. D., and W. S. Quimby, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Lubricant. 2,222,487; Nov. 19.
Oosterhuis, Ekko, Eindhoven, Netherlands, assignor by mesne assignments, to Radio Corporation of America, New York, N. Y. Noise suppression circuits. 2,216,517; Oct. 1.
Oostra, Roelf. (See Duinker, D. M., and Oostra.)
Opatowski, Remo S., Milan, Italy, assignor of eighty per cent to Gesellschaft zur Verwertung chemishtechnischer Verfahran A. G., Vaduz, Liechtenstein, Germany. Preparation of beryllium compounds. 2,209,131; July 23.
Open Hearth Combustion Company. (See Danforth, George L., Jr., assignor.)
Opincar, George, Blanca, Colo. Amalgamator. 2, 212,698; Aug. 27.
Oplinger, Kirk A. (See Hanna, C. R. Osbon, and Oplinger.)
Opocensky, Willard J., Long Beach, assignor to Lane-Wells Company, Los Angeles, Calif. Surveying wells and apparatus therefor. 2,195,224; Mar. 26.
Opocensky, Willard J., Long Beach, Calif. Time controlled subterranean camera. 2,203,176; June 4.
Oppegaard, Assur G., and C. J. Stopford, Eaglescliff, England, assignors to Titan Company, Inc., Wilmington, Del. Manufacture of titanium dioxide pigments. 2.200.373; May 14.
Oppenheim, Irving, Detroit, Mich. Deburring machine. 2,225,127; Dec. 17.
Oppenlaender, Oskar. (See Allquist, J. W., and Oppenlaender.)
Opperman, Eugene T., Pittsburgh, Pa. Tire cross chain connector. 2,196,398; Apr. 9.
Opperman, Stanley E., Barnet, England. Traction lug. 2,207,636; July 9.
Oppermann, Charles F. (See Booge, J. E., and Oppermann.)
Oprean, Julia. (See Oprean, Sabin, assignor.)
Oprean, Sabin, assignor to J. Oprean, New York, N. Y. Frozen confection and coating. 2,191,352; Feb. 20.
Opticolor Aktiengesellschaft. (See Räntsch, Kurt, assignor.)
Opticolor Aktiengesellschaft. (See Räntsch, K., and Retzlaff, assignors.)
Optikotechna, spolecnost s r. o. (See Kallusch, Kamillo, assignor.)
Optikotechna společnost s r. o., Prerov. (See Kallusch, Kamillo, assignor.)
O'Rahilly, Aodhgan, Mooreen, Clondalkin, Ireland. Concrete pipe manufacturing machine. 2,220,975; Nov. 12.
Orahood, Harley A., and G. A. Reed, Telluride, Colo. Terminal for storage battery cables. 2,195,900; Apr. 2.
Oram, Donald K., Forest Hills, assignor to The Hammarlund Manufacturing Company, Incorporated, New York, N. Y. Selective wave transmission. 2,222,043; Nov. 19.
Orbeck, Einar M., Norristown, assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Resetting means for liquid dispensing apparatus computing registering mechanism. 2,190,626; Feb. 13.
Orcutt, Arthur H., assignor to The Gear Grinding Company Limited, Birmingham, England. Valve mechanism for controlling fluid operated machine tools. 2,192,839; Mar. 5.
Ordal, Sigval E., Chicago, Ill. Hone. 2,191,994; Feb. 27.
Ordman, Julius L., Lemont, Ill. Slicing machine. 2,186,878; Jan. 9.
Oregon Textile Machines, Inc. (See McDougall, George F., assignor.)
Orelind, John R., Canton, Ill., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Damming attachment. 2,226,575; Dec. 31.
Orelind, John R., Canton, Ill., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Damming attachment. 2,227,151; Dec. 31.
Orelup, John W., Summit, N. J. Insecticidal spray. 2,190,673; Feb. 20.
Orelup, John W., Short Hills, N. J. Dyeing hair. 2,208,594; July 23.
Orelup, John W., Summit, and E. Ohlsson, Short Hills, N. J. Deodorant. 2,226,177; Dec. 24.
Orem, Frederick S., Baltimore, Md. Air cleaning device. 2,187,546; Jan. 16.
Orem, Frederick S., Baltimore, Md. Backfire safety device. 2,200,010; May 7.
Orem, Henry P. (See Lecher, H. Z., Adams, and Orem.)
Orem, Henry P. (See Lecher, H. Z., Parker, and Orem.)
Orfald, George H., Minneapolis, Minn. Cleaning abrasive sheet material. 2,210,728; Aug. 6.
Orlando, Luigi, assignor to Metallurgica Bresciana Gia' Tempini Società Anonima, Brescia, Italy. Treating copper. 2,190,570; Feb. 13.
Ormond, John J. (See Durup, P. H., and Ormond.)
Ormond, John J., assignor to Artographic Incorporated, Boston, Mass. Offset printing machine. 2,208,043; July 16.
Ormond, John J., Boston, and P. H. Durup, Wollaston, assignors to Artographic Incorporated, Boston, Mass. Printing machine. 2,208,044; July 16.
Ormsby, Donald D., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Axle construction. 2,187,614; Jan. 16.
Orne, Laurence E., Melrose, Mass. Audio amplifier circuit. 2,190,482; Feb. 13.
Orne, Margaret, Los Angeles, Calif. Glove. 2,211,215; Aug. 13.
Orne, Stephen W. (See Geib, E. R., Orne, and Joy.)
O'Rourke, Herbert D., Ottawa, Ontario, Canada. Power reversing gear. 2,200,562; May 14.
Orr, Claude L. (See McPherson, J. S., and Orr.)
Orr, Claude L. (See Stertzbach, H. W., and Orr.)
Orr, Claude L., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Car truck. 2,216,093; Sept. 24.
Orr, Claude L., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Coil and leaf spring arrangement for railway trucks. 2,225,793; Dec. 24.
Orr, Glenn H., assignor to The General Tire & Rubber Company, Akron, Ohio. Flexible coupling. 2,186,305; Jan. 9.
Orr, Howard H., Cleveland, assignor to The Jaite Company, Jaite, Ohio. Bag machine. 2,222,541; Nov. 19.
Orr, John A., Chicago, Ill. Grass cutter. 2,197,561; Apr. 16.
Orr, Leibert L., Hickory, Ky. Threshing attachment for mowing machines. 2,208,278; July 16.
Orr, Palmer. (See White, S. O., and Orr.)
Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission synchronizer. 2,221,892; Nov. 19.
Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission synchronizer. 2,221,897; Nov. 19.
Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission synchronizer. 2,221,898; Nov. 19.
Orre, Berndt V., Stocksund, Sweden. Teat cup for milking machines. 2,211,515; Aug. 13.
Orsenigo, Vittorio, Milan, Italy. Scaffold. 2,210,465; Aug. 6.
Orshansky, Elias, Jr., assignor to The Acrotorque Company, New Haven, Conn. Transmission. 2,218,405; Oct. 15.
Orshansky, Elias, Jr., assignor to The Acrotorque Company, New Haven, Conn. Pump. 2,218,406; Oct. 15.
Orshansky, Elias, Jr., Deep River, assignor to The Acrotorque Company, New Haven, Conn. Transmission. 2,219,052; Oct. 22.
Orshansky, Elias, Jr., Deep River, and C. G. Moller, 3rd, New Canaan, assignors, by mesne assignments, to The Acrotorque Company, New Haven, Conn. Liquid control structure. 2,225,082; Dec. 17.
Ort, Carl, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Combined view finder and range finder. 2,191,027; Feb. 20.
Ort, Carl, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,220,021; Oct. 29.
Ort, John M., Rockville Centre, assignor to E. R. Squibb & Sons, New York, N. Y. Preparing cyclopropane. 2,206,917; July 9.
Ortensi, Ennio. (See Leeds, W. M., and Ortensi.)
Ortensi, Ennio. (See Leeds, W. M., Ortensi, and Baker, assignors.)
Orth, Erich, Berlin-Tegel, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Means for adjustment, particularly for telegraph apparatus. 2,213,048; Aug. 27.
Orth, Howard S., C. R. Oberst, and W. E. Cramer, assignors to Industrial Ceramic Products Inc., Columbus, Ohio. Vibratory aligner. 2,186,652; Jan. 9.
Orth, Lambert, Milwaukee, Wis. Shield. 2,212,073; Aug. 20.
Orth, Philipp. (See Ebert, G., Heidebroek, and Orth.)
Orth, William G., Dayton, assignor, by mesne assignments, to Central National Bank of Cleveland, Cleveland, Ohio. Register. 2,193,641; Mar. 12.
Orthmann, August C., Milwaukee, Wis., and F. C. Wright, Glen Ellyn, Ill., assignors to R. T. Vanderbilt Co. Inc., New York, N. Y. Manufacturing white leather. 2,194,610; Mar. 26.
Orthner, Ludwig. (See Hubert, F. E., Heisenberg, Steindorff, and Orthner.)

Orthner, Ludwig, and G. Balle, Frankfort-on-the-Main, J. Rosenbach, Wiesbaden, and K. Bonstedt, Frankfort-on-the-Main, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Condensation products of betainelike constitution and preparing them. 2,217,846; Oct. 15.

Orthner, Ludwig and G. Balle, Frankfort-on-the-Main, and K. Horst, Hofheim in Taunus, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Condensation products and preparing them. 2,225,960; Dec. 24.

Orthostyle Limited. (See Simpson, John F., assignor.)

Orthuber, Richard. (See Steudel, E., and Orthuber.)

Orthuber, Richard, and E. Steudel, assignors to Allgemeine Elektricitats Gesellschaft, Berlin, Germany. Frequency stabilizer. 2,185,606; Jan. 2.

Orthuber, Richard, and E. Steudel, assignors to Allgemeine Elektricitats Gesellschaft, Berlin, Germany. Amplifier. 2,212,948; Aug. 27.

Orthuber, Richard, E. Steudel, and H. Mahl, assignors to Allegemeine Elektricitatz Gesellschaft, Berlin, Germany. Braun tube. 2,222,955; Nov. 26.

Orthuber, Richard, and E. Steudel, Berlin, Germany, assignors to Allgemeine Elektricitats Gesellschaft, Berlin, Germany. Electron multiplier. 2,227,103; Dec. 31.

Ortlepp, Henry L., Belleville, N. J., assignor to Home Oil Heating Company. Oil burning apparatus. 2,209,281; July 23.

Ortlieb, Alfred, assignor to Robert Bosch Gesellschaft mit beschränkter, Haftung, Stuttgart, Germany. Electrostatic condenser. 2,216,558; Oct. 1.

Ortlieb, Alfred, and H. Sträb, assignors to Robert Bosch Gesellschaft mit Beschränkter, Haftung, Stuttgart, Germany. Electrostatic condenser. 2,216,559; Oct. 1.

Ortman, William J., Woodhaven, assignor of one-fourth to C. H. Hussey, New York, N. Y., and one-fourth to J. F. O'Brien, Englewood, N. J. Valve mechanism for spray devices. 2,215,375; Sept. 17.

Orton, Merritt K., assignor to American Seating Company, Grand Rapids, Mich. Folding chair. 2,211,289; Aug. 13.

Orville Simpson Company, The. (See Crain, Allan M., assignor, and Simpson.)

Osawa, Juichi. (See Kobayashi, M., Osawa, and Otake.)

Osbon, William O. (See Hanna, C. R., Osbon, and Oplinger.)

Osborn, Alden E., New York, N. Y. Pipe joint. 2,219,053; Oct. 22.

Osborn, Frank V. (See Ladon, A. A., and Osborn.)

Osborn, H. J., & Sharp Limited. (See Osborn, Henry J., assignor.)

Osborn, Henry J., assignor to H. J. Osborn & Sharp Limited, Glasgow, Scotland. Electrical switch operated by leakage current. 2,196,362; Apr. 9.

Osborn Manufacturing Company, The. (See Nielsen, Laurits H., assignor.)

Osborn, Ralph W., assignor to Johnson Products, Inc., Muskegon Heights, Mich. Machine for grinding. 2,211,350; Aug. 13.

Osborn, Stanley D. (See Dahl, O., and Osborn.)

Osborn, William C., assignor to The Murray Corporation of America, Detroit, Mich. Forming trim panels. 2,215,973; Sept. 24.

Osborn, William D., Los Angeles, Calif. Rod coupling. 2,225,128; Dec. 17.

Osborn, William D., Los Angeles, Calif. Sewer cleaning tool power plant. 2,225,129; Dec. 17.

Osborn, William H., New York, and F. T. Crego, Long Island City, assignors to Phelps Dodge Corporation, New York, N. Y. Recovery of metal values from fume deposits. 2,206,117; July 2.

Osborne, Beverly, Oklahoma City, Okla. Griddle. 2,211,545; Aug. 13.

Osborne, Charles E., assignor to Stewart-Warner Corporation, Chicago, Ill. Heating system for motor driven conveyances. 2,186,988; Jan. 16.

Osborne, Charles P. (See Willans, P. W., Percival, White, and Osborne.)

Osborne Company, The. (See Neal, William E., assignor.)

Osborne, Fred H., Snyder, and T. M. Wright, assignors to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Coin-controlled magazine switch mechanism. 2,216,624; Oct. 1.

Osborne, Herbert C., assignor, by mesne assignments, to Webster Electric Company, Racine, Wis. Pressure regulator valve for oil burners. 2,193,075; Mar. 12.

Osborne, Hilda E. F., administratrix. (See Willans, P. W., Percival, White, and Osborne.)

Osborne, Horace A., assignor, by mesne assignments, of two-fifths to Webster Electric Company, Racine, Wis. Floating tool holder. 2,188,205; Jan. 23.

Osborne, Lester C., Fall River, Mass., assignor to Hoffman Lion Mills Company, Inc. Christmas cord. 2,222,571; Nov. 19.

Osborne, Orien V., Greenville, Ill. Ball making machine. 2,208,595; July 23.

Osborne, Thomas L., and H. J. Allcock, Belverdere, Kent, assignors to Callender's Cable and Construction Company, Limited, London, England. Protecting sheaths of electric cables, pipes, and other metal articles against corrosion. 2,203,232; June 4.

Osborne, Thomas L., Belvedere, Kent, assignor to Callender's Cable and Construction Company Limited, London, England. Treatment of cellulosic materials such as paper and fabrics to make them resistant to water. 2,203,231; June 4.

Osborne, William B., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Planetary gear drive. 2,189,220; Feb. 6.

Osborne, William B., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission control. 2,191,543; Feb. 27.

Osborne, William B., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission synchronizer. 2,200,851; May 14.

Osburn, Neild H., Pasadena, Calif. Chain brush. 2,207,330; July 9.

Osenberg, Werner, Dresden, Germany. Bonding metal to insulation. 2,203,099; June 4.

Osenberg, Werner, Dresden, Germany. Bonding metal to insulation. 2,203,100; June 4.

Osenberg, Werner, assignor to "Kerb-Konus" G. m. b. H., Dresden, Germany. Electrical contact. 2,193,294; Mar. 12.

Oser, Bernard L., Forrest Hills, N. Y. Sanitary multiple housing for small animals. 2,186,120; Jan. 9.

Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,190,674; Feb. 20.

Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Drilling apparatus. 2,218,491; Oct. 15.

Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,218,492; Oct. 15.

Osgood, Harry W., Kansas City, Mo. Aerial projectile. 2,213,637; Sept. 3.

Osgood, Robert C., Claremont, N. H., assignor to Sullivan Machinery Company. Material loading apparatus. 2,201,671; May 21.

Osgood, Robert C., Claremont, N. H., assignor to Sullivan Machinery Company. Material loading apparatus. 2,201,672; May 21.

Osgood, Robert C., Claremont, N. H., assignor to Sullivan Machinery Company. Hoisting mechanism. 2,219,551; Oct. 29.

Osgood, Walter P., Malden, Mass. Pleating machine. 2,199,808; May 7.

Osgood, Walter P., Malden, Mass. Tape-applying machine. 2,211,834; Aug. 20.

Oshei, Bernard F., Buffalo, N. Y. Display container. 2,199,008; Apr. 30.

Oshei, Charles H., Detroit, Mich. Pressure generator for motor vehicles. 2,211,154; Aug. 13.

Oshei, Charles H., Detroit, Mich. Gear casing ventilator. 2,211,155; Aug. 13.

Oshei, William E., Brentford, England. Vehicle direction indicator. 2,220,612; Nov. 5.

Osius, Louisa Z. (See Spillman, Edward O., assignor.)

Oskow, Louis, assignor to Master Machine Mfg. Co., Inc., New York, N. Y. Labeling machine. 2,189,296; Feb. 6.

Osler, Ernest S., Park Ridge, Ill., assignor, by mesne assignments, to General Time Instruments Corporation, New York, N. Y. Time recorder. 2,204,187; June 11.

Oslund, John, Topeka, Kans. Building block. 2,196,937; Apr. 9.

Osmun, Fred N., Houston, Tex. Safety joint. 2,202,260; May 28.

Osmun, Fred N., Houston, Tex. Safety joint. 2,202,261; May 28.

Osmun, Fred N., Houston, Tex. Cable socket. 2,219,151; Oct. 22.

Osness, Edwin G., Billings, Mont. Apparatus for mounting basketball backboards. 2,219,528; Oct. 29.

Ossing, Fred, Cleveland, Ohio. Apparatus for surfacing inking rolls. 2,213,980; Sept. 10.

Ossing, Stanley F., and O. J. Feight, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company. Crusher. 2,212,616; Aug. 27.

Ostand, David, Cincinnati, Ohio, E. C. Ernst, Newport, Ky., and C. E. Beckman, Cincinnati, Ohio. Transmission apparatus. 2,194,936; Mar. 19.

Ostberg, Karl G., Stockholm, assignor to Fabriksaktiebolaget Haldataxametern, Halmstad, Sweden. Cutting tool for plate shears. 2,207,872; July 16.

Ostendorf. Peter, Bad Godesberg, Germany. Production of plated sheets, etc. 2,199,321; Apr. 30.

Oster, John. (See Rasmussen, Charles, assignor.)

Oster, John, assignor to John Oster Manufacturing Company, Racine, Wis. Cushion pad for hand vibrators. 2,198,442; Apr. 23.

Oster, John, assignor to John Oster Manufacturing Company, Racine, Wis. Vibrator. 2,200,635; May 14.

Oster, John, assignor to John Oster Manufacturing Company, Racine, Wis. Small power driven tool. 2,211,216; Aug. 13.

Oster, John, Manufacturing Company. (See Oster, John, assignor.)

Oster, Joseph, assignor to Wooster Products Inc., Wooster, Ohio. Corner trim construction. 2,185,900; Jan. 2.

Oster Manufacturing Company, The. (See Emery, William M., assignor.)

Oster Manufacturing Company, The. (See Gould, A. S., Emery, and Hyde, assignors.)

Oster Manufacturing Company. (See Maurer, Harry A., assignor.)
Oster Manufacturing Company, The. (See Schoepe, Harry, assignor.)
Österberg, Erik J., Ornskoldsvik, Sweden. Computing device. 2,219,429; Oct. 29.
Österdahl, Ragnar, Essingen, Sweden. Vacuum cleaner bag. 2,225,389; Dec. 17.
Ostergaard, Povl, Mount Lebanon, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Fractionating column. 2,225,390; Dec. 17.
Osterheld, Clark M., Stoughton, Wis. Tank heating unit. 2,226,526; Dec. 24.
Osterholm, Gustave R., Hartford, Conn. Tube closure. 2,186,879; Jan. 9.
Osterlund, Soren B. (See Fairchild, C. O., and Osterlund.)
Osterman, Samuel, New York, N. Y. Juice extractor or like article. 2,220,458; Nov. 5.
Osterman, Samuel, New York, N. Y., assignor to Guth Stern & Co., Inc. Flashlight device. 2,225,405; Dec. 17.
Ostermann, Günther. (See Beck, A., Schunck, and Ostermann.)
Ostermoor & Company. (See Bednarek, Peter C., assignor.)
Österr. Knopf-und Metallwarenfabrik J. Meister & Co. (See Racek, Alfred, assignor.)
Ostertag, Harry M. (See Kellett, W. R., and Ostertag.)
Ostler, Ernest S., Chicago, Ill., assignor, by mesne assignments, to General Time Instruments Corporation, New York, N. Y. Time printing device. 2,214,796; Sept. 17.
Ostler, Josef, Munich, assignor to F. Deckel, Munich-Prinz, Germany. Variable drive for spindles of engraving machines and the like. 2,208,430; July 16.
Ostlind, Oscar J., Portland, Oreg. Valve. 2,192,452; Mar. 5.
Ostline, John E., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Relay. 2,199,570; May 7.
Ostling, Karl W. S., assignor to California Machinery & Supply Co., Ltd., Los Angeles, Calif. Engine control. 2,186,989; Jan. 16.
Ostling, William, Los Angeles, and C. Richard, Oakland, assignors to H. M. Sawyer, San Francisco, Calif. Washing tanks. 2,208,813; July 23.
Ostlund, Andrew. (See Luft, Peter, assignor.)
Ostpreussen-werk Aktiengesellschaft. (See Ludwig, Walter, assignor.)
Ostroff, Abraham, Philadelphia, Pa. Hair dyer and bleacher. 2,226,478; Dec. 24.
Ostrolenk, Samuel. (See Stern, I., Skolnikoff, Pesqueira, and Ostrolenk.)
Ostromislensky, Iwan, assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation, New York, N. Y. Nonshattering glass. 2,189,293; Feb. 6.
Ostrowski, Alfred M. and C., Hamtramck, Mich. Propelling means for aircraft. 2,220,658; Nov. 5.
Ostrowski, Caroline. (See Ostrowski, Alfred M. and C.)
Ostruk, Paul. (See Watts, Roy T.)
Ostruk, Paul, New York, N. Y. Combination lifting jack and wheel locking arrangement for automobiles or like vehicles. 2,204,997; June 18.
Ostwald, Adolph, New York, N. Y. Adjustable method of connecting two fabrics. 2,200,428; May 14.
Osuch, Francis J., Grosse Pointe, Mich. Combination sink and tub. 2,205,018; June 18.
Osuch, Francis J., Grosse Pointe, assignor to Robot Products Corporation, Detroit, Mich. Cabinet construction. 2,191,116; Feb. 20.
Osuch, Stanley P. (See Zaremba, V. F., and Osuch.)
O'Sullivan, Denis T., West Orange, assignor of one-half to P. S. McLean, Bloomfield, N. J. Diesel engine. 2,216,477; Oct. 1.
Oswald, Arthur A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Single side band diversity radio receiving system. 2,219,749; Oct. 29.
Oswald, Carl L., New York, N. Y., and W. D. Foster, Washington Township, Bergen County, N. J., assignors to Kinatome Patents Corporation. Printing motion picture films. 2,213,531; Sept. 3.
Oswald, Harold F., Elizabeth, N. J., assignor to Oliver United Filters Incorporated, San Francisco, Calif. Filter. 2,221,993; Nov. 19.
Oswald, Olaf, Honolulu, Hawaii. Carburetor. 2,223,919; Dec. 3.
Oswalt, Robert J., assignor to Fred W. Amend Co., Danville, Ill. Depositing machine. 2,202,917; June 4.
Oswego Falls Corporation. (See Jacoby, H. L., and Wilcox, assignors.)
Oswego Falls Corporation. (See La Bombard, Leon E., assignor.)
Oswego Falls Corporation. (See Olin, Floyd W., assignor.)
Oswego Falls Corporation. (See Price, John F., assignor.)
Oswego Falls Corporation. (See Wilcox, Isaac L., assignor.)
Osweiler, Paul L. (See Miller, J. E., and Osweiler.)
Ota, Keisaburo, Kamata-Ku, Tokyo, Japan. Manufacturing curved constructional metal members. 2,225,794; Dec. 24.
Otake, Kichiro. (See Kobayashi, M., Osawa, and Otake.)
Othmer, Donald F., Coudersport, Pa. Valveless chemical heater. 2,220,777; Nov. 5.
Othmer, Donald F., Brooklyn, assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Separating chemical compounds. 2,186,617; Jan. 9.
Othmer, Donald F., Brooklyn, N. Y., assignor to Tennessee Eastman Corporation, Kingsport, Tenn. Dehydration of acetic acid and other lower fatty acids. 2,204,616; June 18.
Otis Elevator Company. (See Campbell, Chester C., assignor.)
Otis Elevator Company. (See Crabbe, G. N., and Paulson, assignors.)
Otis Elevator Company. (See Dunn, Edward Lee, assignor.)
Otis Elevator Company. (See Glaser, William F., assignor.)
Otis Elevator Company. (See Kebelman, Frank L., assignor.)
Otis Elevator Company. (See Lindquist, David L., assignor.)
Otis Elevator Company. (See Lindquist, D. L., and Handy, assignors.)
Otis Elevator Company. (See Margles, Samuel G., assignor.)
Otis Elevator Company. (See Wieder, Leon, assignor.)
Otis, Erial B., assignor to The Wallace Press, Chicago, Ill. Manifolding assembly. 2,198,457; Apr. 23.
Otis, Erial B., assignor to The Wallace Press, Chicago, Ill. Continuous web manifolding assembly. 2,198,458; Apr. 23.
Otis, Herbert C., Dallas, Tex. Union. 2,188,557; Jan. 30.
Otis, Herbert C., Dallas, Tex. Well device. 2,196,535; Apr. 9.
Otis, Herbert C., Dallas, Tex. Scraping device. 2,203,966; June 11.
Otis, Herbert C., Dallas, Tex. Actuating and locking mechanism for gripping devices. 2,207,130; July 9.
Otis, Herbert C., Dallas, Tex. Union for well heads. 2,212,036; Aug. 20.
Otis, Joseph E., Jr., administrator. (See Jenkins, J. E., and Adair.)
Otis, Lawrence B. (See Nelson, C. E., and Otis.)
Otis, Russell M. (See Fowler, A. A., and Otis.)
Otken, Edwin J., assignor to Good Humor Corporation of America, Brooklyn, N. Y. Centrifugal pump. 2,189,081; Feb. 6.
O'Toole, Floyd F., assignor of two-fifths to L. J. Brennan, L'Anase, Mich. Foldable table. 2,191,772; Feb. 27.
Ott, Clarence J. (See Groll, H. P. A., and Ott.)
Ott, Conrad L. (See Balsiger, H. E., and Ott.)
Ott, Conrad L. (See Greiner, F., Ott, and Price.)
Ott, Conrad L., and R. E. Price, assignors to Landis Tool Company, Waynesboro, Pa. Crank grinding machine. 2,220,490; Nov. 5.
Ott, Emil, Elsmere, assignor to Hercules Powder Company, Wilmington, Del. Synthetic rubber composition. Re. 21,572; Sept. 17.
Ott, Emil, Elsmere, assignor to Hercules Powder Company, Wilmington, Del. Flotation reagent. 2,203,739; June 11.
Ott, Emil, Elmsere, assignor to Hercules Powder Company, Wilmington, Del. Vulcanized polymerized chloroprene. 2,214,934; Sept. 17.
Ott, Emil, New Castle, assignor to Hercules Powder Company, Wilmington, Del. Flotation of ores. 2,203,740; June 11.
Ott, Frederick C. A., Glendale, assignor to Mundet Cork Corporation, Brooklyn, N. Y. Cutting machine. 2,193,979; Mar. 19.
Ott, Frederick C. A., Glendale, assignor to Mundet Cork Corporation. Distributing device. 2,197,156; Apr. 16.
Ott, Harry G., Kenmore, N. Y. Optical system. 2,198,014; Apr. 23.
Ott, Harvey N., assignor to Spencer Lens Company, Buffalo, N. Y. Projector. 2,194,366; Mar. 19.
Ott, Harvey N., assignor to Spencer Lens Company, Buffalo, N. Y. Centering microscope objectives. 2,195,657; Apr. 2.
Ott, Henry J., Turtle Creek, Pa. Velocipede. 2,225,230; Dec. 17.
Ott, John E., Lisle Township, Du Page County, assignor to Acme Steel Company, Chicago, Ill. Strap joint and using same. 2,214,109; Sept. 10.
Ott, John E., Lisle Township, Du Page County, assignor to Acme Steel Company, Chicago, Ill. Strap cutting tool. 2,214,110; Sept. 10.
Ott, Latour O. (See Fielder, H. S., and Ott.)
Ott, Roland E., Portland, Oreg. Door latch. 2,190,080; Feb. 13.
Ott, William N., Newark, N. J. Power-driven impulsing mechanism. 2,199,443; May 7.
Ottenheimer, Reuben E., Baltimore, Md. Display cabinet. 2,225,655; Dec. 24.
Ottenheimer, Reuben E., Baltimore, Md. Refrigerated cabinet. 2,225,656; Dec. 24.
Otterbacher, Theodore J., Zion, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Food composition. 2,188,481; Jan. 30.
Otting, Herbert E., Westerville, Ohio, assignor to M & R Dietetic Laboratories, Inc. Preparing soluble caseinates. 2,225,506; Dec. 17.

Ottinger, Leon. (See Mercer, George J., assignor.)
Ottinger, Ovid G., et al. (See Blount, Hobart H., assignor.)
Otto, Carl, The Hague, Netherlands, assignor to Fuel Refining Corporation, Dover, Del. Coke oven. 2,194,404; Mar. 19.
Otto, Carl, The Hague, Netherlands, assignor to Fuel Refining Corporation, Dover, Del. Ascension pipe connection. 2,211,156; Aug. 13.
Otto, Carl, The Hague, Netherlands, assignor to Fuel Refining Corporation, Dover, Del. Underfired coke oven. 2,216,983; Oct. 8.
Otto, Carl, The Hague, Netherlands, assignor to Fuel Refining Corporation, Dover, Del. Underfired regenerator coke oven. 2,224,920; Dec. 17.
Otto, Carl, Essen, Germany, assignor to Otto-Wilputte Ovenbouw Mij. N. V., The Hague, Netherlands. Operating coke ovens. 2,195,466; Apr. 2.
Otto, Carl, Essen, Germany, assignor to Fuel Refining Corporation, Dover, Del. Coke oven reinforcing means. 2,199,510; May 7.
Otto, Carl, Essen, and E. Grasshoff, Bochum, Germany; said Grasshoff assignor, by mesne assignments, to the firm Otto-Wilputte Ovenbouw Maatschappij N. V., The Hague, Netherlands, and said Otto assignor to Fuel Refining Corporation, Dover, Del. Locking and clearing coke oven door. 2,202,395; May 28.
Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Temperature regulation. 2,193,295; Mar. 12.
Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Pressure control. 2,195,520; Apr. 2.
Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Refrigerant expansion control. 2,196,777;
Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Humidostat and like devices. 2,204,047; June 11.
Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Pneumatic control system. 2,205,930; June 25.
Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Pressure regulation. 2,207,941; July 16.
Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Damper. 2,209,844; July 30.
Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Control mechanism for temperature, humidity, and the like. 2,216,651; Oct. 1.
Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Temperature and humidity control. 2,225,841; Dec. 24.
Otto, Carl L., Jr., West Hempstead, N. Y. Direction indicator. 2,192,148; Feb. 27.
Otto, Eugene J. (See Heinrich, C. W., and Otto.)
Otto, Ewald, Berlin-Charlottenburg, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Pick-up support. 2,214,509; Sept. 10.
Otto, Ferdinand P. (See Reiff, O. M., and Otto.)
Otto, Ferdinand P. (See Reiff, O. M., Otto, Giammaria, and Oberright.)
Otto, Ferney F. (See Otto, Lewis E. and F. F.)
Otto, Gerhard, and E. Immendoerfer, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Treatment of chrome leather. 2,225,083; Dec. 17.
Otto, Lewis E. and F. F., Logansport, Ind. Trailer safety hitch. 2,225,130; Dec. 17.
Otto, Michael. (See Mueller-Cunradi, M., and Otto.)
Otto, Paul, San Francisco, Calif. Apparatus for molding brick steps. 2,190,801; Feb. 20.
Otto, Roy S., West Los Angeles, Calif. Film strip handling apparatus. 2,212,617; Aug. 27.
Otto, Rudolf, Berlin-Siemensstadt, assignor to "Fides Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung," Berlin, Germany. Electric filter. 2,221,105; Nov. 12.
Otto, Ruth V. (See Doud, O. M., and Otto.)
Otto, William C. (See Goldrick, P. M., and Otto.)
Otto-Wilputte Ovenbouw Maatschapij N. V. (See Otto, C., and (Grasshoff, assignor).)
Otto-Wilputte Ovenbouw Mij. (Otto-Wilputte Oven Construction Company) N. V. (See Stäckel, Walter, assignor.)
Otto-Wilputte Ovenbouw Mij. N. V. (See Otto, Carl, assignor.)
Ottoson, Carl C. (See Kurtz, L. G., and Ottoson.)
Ottoson, Emil E. (See Wilkes, R., and Ottoson.)
Ouchi, Tsugio, Yodobashi-ku, Tokyo, assignor to Kabushikigaisha Takenaka Komten, Kita-ku, Osaka, Japan. Construction method for underground structures. 2,213,169; Aug. 27.
Ouellet, Charles J., West Haven, Conn. Baby swing. 2,191,397; Feb. 20.
Ousheff, Dimiter I. (See Earshen, James J.)
Oussani, James J., Brooklyn, N. Y. Electric stapling machine. 2,205,861; June 25.
Outboard, Marine & Manufacturing Company. (See Ames, Arthur D., assignor.)
Outboard, Marine & Manufacturing Company. (See Briggs, Stephen F., assignor.)
Outboard, Marine & Manufacturing Company. (See Conover, Warren C., assignor.)
Outboard, Marine & Manufacturing Company. (See Irgens, Finn T., assignor.)
Outcalt, Frederick G. (See Baird, A. W., and Outcalt.)
Outpost Nurseries, Inc. (See Hoffer, John V., assignor.)
Outterson, Charles R., Syracuse, N. Y. Sizing of paper. 2,197,383; Apr. 16.
Over, Claude S., Auckland, New Zealand. Piston or plunger for engines, pumps, and the like. 2,197,942; Apr. 23.
Overall, Ernest C., Gonzales, assignor of forty-five per cent to O. S. Petty, San Antonio, and fifty-five per cent to J. H. Robertson, Hillsboro, Tex. Well pump. 2,214,343; Sept. 10.
Overbaugh, Walter V. (See Manley, R. E., McCarty, and Overbaugh.)
Overbeck, Wilcox P., Waltham, assignor to Raytheon Manufacturing Company, Newton, Mass. Frequency changer. 2,185,418; Jan. 2.
Overbeck, Wilcox P., Waltham, assignor to Raytheon Manufacturing Company, Newton, Mass. Filter system for controlled rectifiers. 2,214,773; Sept. 17.
Overbeck, Wilcox P., Waltham, assignor to Raytheon Manufacturing Company, Newton, Mass. Resonant circuit phase control of electrical space discharge devices. 2,220,118; Nov. 5.
Overbeke, John W., Anneslie, assignor to The Glenn L. Martin Company, Baltimore, Md. Valve. 2,209,418; July 30.
Overbeke, John W., Anneslie, assignor to The Glenn L. Martin Company, Baltimore, Md. Aircraft construction. 2,222,683; Nov. 26.
Overbey, Herman T., Wadesboro, N. C. Thread and roving guide for spinning machines. 2,226,977; Dec. 31.
Overdorff, Elvin W., Johnstown, Pa. Protector for highway markings. 2,208,080; July 16.
Overgard, William M., Salem, Oreg. Sanitary drinking cup. 2,186,880; Jan. 9.
Overguard, Christian A., Avon, assignor of one-half to E. Swanson, Elyria, Ohio. Pipe threading apparatus. 2,225,507; Dec. 17.
Overhead Door Corporation. (See Blodgett, Herbert C., assignor.)
Overholt, Claude C., assignor to Holgate Brothers Company, Kane, Pa. Play and exercise apparatus. 2,222,119; Nov. 19.
Overholt, J. D. (See Browne, Floyd A., assignor.)
Overholt, Lloyd F. (See Baker, D. B., Bechman, Hartsough, and Overholt.)
Overholt, Ralph, Jr., Pittsburgh, Pa. Electrical apparatus. 2,209,845; July 30.
Overlack & Co. Kommanditgesellschaft "Ovack-Patente." (See Overlack, Emil, assignor.)
Overlack, Emil, Anrath, near Crefeld, assignor to the firm Overlack & Co. Kommanditgesellschaft "Ovack-Patente," Crefeld, Germany. Machine for the multicolor printing of textile fabrics. 2,217,133; Oct. 8.
Overman, Leonard J. (See Foreman, J. C., and Overman.)
Overmier, Emmons. (See Bates, S. E., Rodman, and Overmier.)
Overmyer, George J., Hartford City, Ind. Closure for jars and the like. 2,195,422; Apr. 2.
Overshiner, Ellsworth B. (See Bartling, H. G., and Overshiner.)
Overson, Frank L., Milwaukee, Wis. Sight feed control of water softening treatment for boilers. 2,199,728; May 7.
Overstreet, Elvin L., Houston, and E. L. Harris, Park Place, Tex. Register system for watchmen. 2,203,741; June 11.
Overstrom, Conrad. (See Overstrom, Gustave A., G., and C.)
Overstrom, George. (See Overstrom, Gustave A., G., and C.)
Overstrom, Gustave A. (See Dodge, Gordon F., and Overstrom.)
Overstrom, Gustave A., Big Sur, Calif. Vibrating screen structure. 2,204,379; June 11.
Overstrom, Gustave A. and G., Eagle Rock, and C. Overstrom, Pasadena, Calif. Screen stretching structure. 2,199,596; May 7.
Overstrom, Gustave A. and G., Eagle Rock, and C. Overstrom, Altadena, Calif. Stretching apparatus for screen cloth. 2,223,267; Nov. 26.
Overton, Glen, and L. S. Overton, Kalamazoo, Mich.; said L. S. Overton assignor to said G. Overton. Making a dried citrus fruit food product. 2,186,907; Jan. 9.
Overton, Lyle S. (See Overton, Glen, and L. S.)
Overton, S. E., Company. (See King, Wyatt M., assignor.)
Overton, Valdy C., Houston, Tex. Current deflector. 2,203,742; June 11.
Overton, W. C. (See Smith, John T., assignor.)
Oweger, Leo. (See Schoettinger, G., and Oweger.)
Owen, Allison D., Berkeley, assignor to National Oil Seal Co., Oakland, Calif. Fluid seal. 2,195,708; Apr. 2.
Owen, Allison D. (See Johnson, L. A., and Owen.)
Owen, Bessie S., and B. F. Meek, Cleveland, Ohio. Weaving machine. 2,226,012; Dec. 24.
Owen, George D., Brookneal, Va. Transplanter. 2,202,228; May 28.
Owen, George D., Brookneal, Va. Transplanter. 2,202,229; May 28.
Owen, Harold R., assignor to Electrical Products Corporation, Los Angeles, Calif. Shatterproof article of glass. 2,202,396; May 28.

Owen, Harold R., assignor to Electrical Products Corporation, Los Angeles, Calif. Unitary luminous display. 2,202,397; May 28.
Owen, Harold R., assignor to Electrical Products Corporation, Los Angeles, Calif. Luminous tube display. 2,220,348; Nov. 5.
Owen, Herbert T., Spencer, Ind. Playing ball. 2,213,013; Aug. 27.
Owen, John E. (See Hawthorn, D. G., and Owen.)
Owen, John E., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Seismic surveying. 2,215,297; Sept. 17.
Owen, John E., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Seismic surveying. 2,216,452; Oct. 1.
Owen, John J. (See Beller, H., and Owen.)
Owen, John J., Baton Rouge, La., assignor to Standard Oil Development Company. Purification of petroleum phenols. 2,199,208; Apr. 30.
Owen, Orlando K., Terre Haute, Ind. Apparatus for bulbing greenhouses. 2,215,617; Sept. 24.
Owen, Raymond M., New York, N. Y. Cream separator. 2,223,528; Dec. 3.
Owen, Robert J., Chatham, Ontario, Canada. Portable elevator. 2,194,052; Mar. 19.
Owen Silent Spring Company, The. (See Sternberg, Huot W., assignor.)
Owen, Wellington M., Lakeland, and E. M. Dearman, Tampa, Fla. Automobile visor map roller attachment. 2,188,612; Jan. 30.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus for pressing curved safety glass. 2,202,670; May 28.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Window construction. 2,205,538; June 25.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Drier for sheeting. 2,205,539; June 25.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Store front construction. 2,209,536; July 30.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Magnetic clamp. 2,213,014; Aug. 27.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County Pa. Method and apparatus for severing glass sheets. 2,219,698; Oct. 29.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Double glazed window construction. 2,219,699; Oct. 29.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Lehr drive for sheet glass machine. 2,223,122; Nov. 26.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus for bending glass sheets. 2,223,123; Nov. 26.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Method and apparatus for bending and case hardening glass sheets. 2,223,124; Nov. 26.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Double glazed window. 2,226,254; Dec. 24.
Owens, Conrad D. (See Hale, S. G., and Owens.)
Owens-Corning Fiberglas Corporation. (See Allen, F. E., and Smith, assignors.)
Owens-Corning Fiberglas Corporation. (See Baird, F. J., and Simison, assignors.)
Owens-Corning Fiberglas Corporation. (See Baker, C. A., Dockerty, and Hamilton, assignors.)
Owens-Corning Fiberglas Corporation. (See Ceretti, A., and Modigliani, assignors.)
Owens-Corning Fiberglas Corporation. (See Day, Charles L., assignor.)
Owens-Corning Fiberglas Corporation. (See Dockerty, S. N., and Wiley, assignors.)
Owens-Corning Fiberglas Corporation. (See Fisher, Edwin J., assignor.)
Owens-Corning Fiberglas Corporation. (See Hyde, James F., assignor.)
Owens-Corning Fiberglas Corporation. (See Irvine, Jan S., assignor.)
Owens-Corning Fiberglas Corporation. (See Kleist, D., and Slayter, assignors.)
Owens-Corning Fiberglas Corporation. (See Martin, Harold K., assignor.)
Owens-Corning Fiberglas Corporation. (See Modigliani, Piero, assignor.)
Owens-Corning Fiberglas Corporation. (See Morrow, Lester W. W., assignor.)
Owens-Corning Fiberglas Corporation. (See Myers, Frank L., assignor.)
Owens-Corning Fiberglas Corporation. (See Newman, R. C., and Romig, assignors.)
Owens-Corning Fiberglas Corporation. (See Saborsky, Arthur D., assignor.)
Owens-Corning Fiberglas Corporation. (See Shand, E. B., and Hyde, assignors.)
Owens-Corning Fiberglas Corporation. (See Siegfried, Claus, assignor.)
Owens-Corning Fiberglas Corporation. (See Simison, Allen L., assignor.)
Owens-Corning Fiberglas Corporation. (See Simison, A. L., and Collins, assignors.)
Owens-Corning Fiberglas Corporation. (See Slayter, Games, assignor.)
Owens-Corning Fiberglas Corporation. (See Slayter, G., and Thomas, assignors.)
Owens-Corning Fiberglas Corporation. (See Soubier, Leonard D., assignor.)
Owens-Corning Fiberglas Corporation. (See Staelin, Carl G., assignor.)
Owens-Corning Fiberglas Corporation. (See Thomas, John H., assignor.)
Owens-Corning Fiberglas Corporation. (See Thomas, J. H., and Lannan, assignors.)
Owens-Corning Fiberglas Corporation. (See Thomas, J. H. Fletcher, and Atkinson, assignors.)
Owens-Corning Fiberglas Corporation. (See Wellech, Edmund H., assignor.)
Owens, Daniel F., Buffalo, N. Y. Wall hanger for radiators. 2,195,540; Apr. 2.
Owens, George W., Avalon, Pittsburgh, Pa. Fluid clutch or transmission. 2,195,901; Apr. 2.
Owens–Illinois Can Company. (See Hermani, Henry, assignor.)
Owens-Illinois Can Company. (See Hermani, Louis, assignor.)
Owens-Illinois Can Company. (See Laxo, Ed, Riverside, Ill.)
Owens-Illinois Glass Company. (See Barnby, Herbert A., assignor.)
Owens-Illinois Glass Company. (See Benoit, J. P., Kinker, Allen, Rohrich, and Schreiber, assignors.)
Owens-Illinois Glass Company. (See Benoit, J. P., Wideman, and Kinker, assignors.)
Owens-Illinois Glass Company. (See Brown, Alvin E., assignor.)
Owens-Illinois Glass Company. (See Eastus, Harold L., assignor.)
Owens-Illinois Glass Company. (See Everett, Charles A., assignor.)
Owens-Illinois Glass Company. (See Glycofrides, Eustace, assignor.)
Owens-Illinois Glass Company. (See Hawley, J. B., Nelson, Hallberg, and Cannon, assignors.)
Owens-Illinois Glass Company. (See Hazelton, B. F., Jr., Zimmerman, and Holmes.)
Owens-Illinois Glass Company. (See Henry, Kenneth M., assignor.)
Owens-Illinois Glass Company. (See Heyne, Clarence A., assignor.)
Owens-Illinois Glass Company. (See Hiatt, E., and Macken, assignors.)
Owens-Illinois Glass Company. (See Hileman, I. G., Moreland, and Potoczky, assignors.)
Owens-Illinois Glass Company. (See Hoge, J. R., and Soubier, assignors.)
Owens-Illinois Glass Company. (See Hohl, John, assignor.)
Owens-Illinois Glass Company. (See House, William R., assignor.)
Owens-Illinois Glass Company. (See Jackson, Albert S., assignor.)
Owens-Illinois Glass Company. (See Jackson, A. S., and Heyne, assignors.)
Owens-Illinois Glass Company. (See Lakso, Eino E., assignor.)
Owens-Illinois Glass Company. (See McLaughlin, J. E., and Jackson, assignors.)
Owens-Illinois Glass Company. (See Moreland, Stephen T., assignor.)
Owens-Illinois Glass Company. (See O'Neill, Frank, assignor.)
Owens-Illinois Glass Company. (See Playford, H. E., and Holliger, assignors.)
Owens-Illinois Glass Company. (See Robison, Samuel C., assignor.)
Owens-Illinois Glass Company. (See Rohrich, H. A., and Nielsen, assignors.)
Owens-Illinois Glass Company. (See Schmidt, Charles F., assignor.)
Owens-Illinois Glass Company. (See Slayter, G., Atkinson, and Fletcher, assignors.)
Owens-Illinois Glass Company. (See Soubier, Leonard D., assignor.)
Owens-Illinois Glass Company. (See Soubier, L. D., and Hoge, assignors.)
Owens-Illinois Glass Company. (See Vilensky, Michel B., assignor.)
Owens-Illinois Glass Company. (See Vogt, Clarence W., assignor.)
Owens Illinois Pacific Coast Company. (See Luce, W. F., and (Kennedy, assignor).)
Owens, John K., Buffalo, and A. G. Scroggie, Kenmore, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric materials. 2,201,741; May 21.
Owens, Leo E., St. Paul, Minn. Composing, casting, and making up line slugs for multiple column printing. 2,195,467; Apr. 2.
Owens, Orville R., Chicago, Ill. Bending machine. 2,189,150; Feb. 6.
Owens Smokeless Orchard Heater, Incorporated. (See Owens, Walter W., assignor.)
Owens Staple-Tied Brush Company. (See Jobst, Conrad, assignor.)

Owens, Walter W., Glendale, assignor to Owens Smokeless Orchard Heater, Incorporated, Hollywood, Calif. Heater. 2,186,173; Jan. 9.
Owsley, William D., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Pump. 2,216,573; Oct. 1.
Owsley, William D., and R. L. Shook, assignors to Halliburton Oil Well Cementing Company, Duncan, Okla. Multiple stage cementing. 2,201,299; May 21.
Ox Fibre Brush Company. (See Lipps, William D., assignor.)
Oxford Filing Supply Co. (See Jonas, Frank D., assignor.)
Oxford Paper Company. (See Sorensen, Einar, assignor.)
Oxford Varnish Corporation. (See Casto, L. V., von Webern, and Hamant, assignors.)
Oxford Varnish Corporation. (See Casto, L. V., von Webern, Hamant, and King, assignors.)
Oxford Varnish Corporation. (See Hamant, E. W., and von Webern, assignors.)
Oxides, Inc. (See Ferguson, Allan W., assignor.)
Oxley, Horace F. (See Thomas, E. B., and Oxley.)
Oxley, Horace F., and E. B. Thomas, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of lower alkylamines. 2,226,635; Dec. 31.
Oxley, John H., Watertown, Mass. Crayon holder. 2,205,907; June 25.
Oxweld Acetylene Company. (See Aronson, Peter R., assignor.)
Oxweld Acetylene Company. (See Bryce, C. K., and Aronson, assignors.)
Oxweld Acetylene Company. (See Bucknam, James H., assignor.)
Oxweld Acetylene Company. (See Carnes, Herman W., assignor.)
Oxweld Acetylene Company. (See Day, Roger O., assignor.)
Oxweld Acetylene Company. (See De Motte, Maurice P., assignor.)
Oxweld Acetylene Company. (See De Motte, M. P., Baker, and Pierson, assignors.)
Oxweld Acetylene Company. (See Doyle, Edmund A., assignor.)
Oxweld Acetylene Company. (See Groves, William E., assignor.)
Oxweld Acetylene Company. (See Hasse, F. C., and Young, assignors.)
Oxweld Acetylene Company. (See Jacobsson, Wilgot J., assignor.)
Oxweld Acetylene Company. (See Jacobsson, W. J., and Oldham, assignors.)
Oxweld Acetylene Company. (See Jones, Homer W., assignor.)
Oxweld Acetylene Company. (See Jones, H. W., and Cowin, assignors.)
Oxweld Acetylene Company. (See Jones, H. W., and Jacobsson, assignors.)
Oxweld Acetylene Company. (See Kehl, R. J., and Pierson, assignors.)
Oxweld Acetylene Company. (See Lytle, Arthur R., assignor.)
Oxweld Acetylene Company. (See Lytle, A. R., and Vaughn, assignors.)
Oxweld Acetylene Company. (See Miller, Wilber B., assignor.)
Oxweld Acetylene Company. (See Olson, Malven L., assignor.)
Oxweld Acetylene Company. (See Wagner, Robert L., assignor.)
Oxweld Acetylene Company. (See White, Roger B., assignor.)
Oxweld Acetylene Company. (See Young, Lloyd W., assignor.)
Oxweld Railroad Service Company, The. (See Janes, Paul C., assignor.)
Oxzyn Sales Company. (See Valentine, Joseph E., assignor.)
Oyen, Finn, Dormont, Pa., assignor to Railroad Research Bureau. Door for railway cars. 2,198,369; Apr. 23.
Oyen, Finn, Dormont, Pa., assignor to Railroad Research Bureau. Railway car door construction and seal. 2,201,915; May 21.
Oyen, John M. F., Oakland, Calif. Coffee making machine. 2,206,424; July 2.
Oyen, John M. F., and J. A. Svendsgaard, Oakland, Calif. Coffee making machine. 2,194,807; Mar. 26.
Oys, John E., Hastings, Minn., assignor to H. D. Hudson Manufacturing Company, Chicago, Ill. Duster. 2,208,853; July 23.
Oys, John E., Hastings, Minn., assignor to H. D. Hudson Manufacturing Company, Chicago, Ill. Duster. 2,226,013; Dec. 24.
Ozalid Company Limited, The. (See Reed, John R., assignor.)
Ozouf, Arthur E., assignor to The Allbright-Nell Co., Chicago, Ill. Apparatus for use in coating carcasses. 2,202,022; May 28.
P & B Electric Co. (See Bullard, William R., assignor.)
P. I. V. Chain Gears Limited. (See Abbott, Geoffrey J., assignor.)
Paasche, Jens A., Wilmette, Ill. Multiple action surface treatment. 2,187,837; Jan. 23.
Paasche, Jens A., Wilmette, Ill. Surface treating apparatus. 2,195,753; Apr. 2.
Pabian, Andrew S., Somerville, Mass. Dumping vehicle. 2,195,995; Apr. 2.
Pabst, Heinrich. (See Hubert, E., Hofmann, and Pabst.)
Pabst, Heinrich. (See Hubert, E., Pabst, and Hecht.)
Pabst, Herman F., Huntington Park, Calif. Watch cleaning machine. 2,195,123; Mar. 26.
Pacanins, Tomas, et al. (See Yanes, Francisco G., assignor.)
Pacchetti, Joseph, and J. Ferioli, Los Altos, Calif. Concrete mixer. 2,223,307; Nov. 26.
Pace, Stephen C., Washington, D. C. Lighting signal. 2,190,123; Feb. 13.
Pachner & Koller, Incorporated. (See Pachner, Leo, assignor.)
Pachner, Leo, assignor to Pachner & Koller, Incorporated, Chicago, Ill. Fishing rod holder. 2,215,618; Sept. 24.
Pacific Cast Iron Fitting Co. (See Burr, William G., assignor.)
Pacific Coast Borax Company. (See Rasor, John P., assignor.)
Pacific Coast Forge Company. (See Pigott, Robert I., assignor.)
Pacific Distillers, Inc. (See Bash, Irwin J., assignor.)
Pacific Electric Manufacturing Corporation. (See Schwager, A. C., Brock, and Gerard, assignors.)
Pacific Forest Industries. (See Demler, Ray C., assignor.)
Pacific Hard Rubber Co. (See Le Clercq, R. G., and Rector, assignors.)
Pacific Lumber Company, The. (See Lewis, Harry F., assignor.)
Pacific Machinery Company. (See Jepson, Percy, assignor.)
Pacific Machinery Company. (See Thompson, A. R., and Fox, assignors.)
Pacific Mills. (See Moore, J. H., Jewett, and Burdett, assignors.)
Pacific National Bank of Seattle, The. (See Monteith, C. N., and Emery, assignors.)
Pacific National Bank of Seattle, The. (See Price, Nathan C., assignor.)
Pacific National Bank of Seattle, The. (See Sanders, John C., assignor.)
Pacific Pipe Co. (See Jacobs, Mayhelt, assignor.)
Pacific Pump Works. (See Weis, A. R., and Bigelow, assignors.)
Pacific Railway Equipment Company. (See Stoner, Eliot F., assignor.)
Pacific Railway Equipment Company. (See Van Dorn, William E., assignor.)
Pacific Railway Equipment Company. (See Van Dorn, W. E., and Beemer, assignors.)
Pacific State Box and Basket Company. (See Biernacki, Theodore, assignor.)
Pacilio, Salvatore, New York, N. Y. Machine for making Italian pizza. 2,190,483; Feb. 13.
Pack, Dean A., Battle Creek, Mich. Method and machine for freezing edible products. 2,221,220; Nov. 12.
Package Machinery Company. (See Smith, Elmer L., assignor.)
Package Machinery Company. (See Smith, E. L., and Wetsel, assignors.)
Package Machinery Company. (See Tindal, John R., assignor.)
Packard, Allan R., Spirit Lake, Idaho. Battery post clamp. 2,185,419; Jan. 2.
Packard, John C., Paterson, N. J., assignor to Mergenthaler Linotype Company. Typographical composing machine. 2,210,597; Aug. 6.
Packard Motor Car Company. (See Barter, H. L., and Christman, assignors.)
Packard Motor Car Company. (See Best, Frank C., assignor.)
Packard Motor Car Company. (See Brown, Robert N., assignor.)
Packard Motor Car Company. (See Christman, John M., assignor.)
Packard Motor Car Company. (See Ferguson, James R., assignor.)
Packard Motor Car Company. (See Griswold, Walter R., assignor.)
Packard Motor Car Company. (See Knapp, Archer L., assignor.)
Packard Motor Car Company. (See Miller, Pearle N., assignor.)
Packard Motor Car Company. (See Paton, Clyde R., assignor.)
Packard Motor Car Company. (See Reid, Elliott G., assignor.)
Packard Motor Car Company. (See Rossmann, Peter F., assignor.)
Packard Motor Car Company. (See Tibbetts, Milton, assignor.)
Packard Motor Car Company. (See Van Ranst, Cornelius W., assignor.)
Packard Motor Car Company. (See Vincent, Jesse G., assignor.)
Packer, Charles S., Chicago, Ill. Receptacle for volatile liquids. 2,207,816; July 16.
Packer, Charles S., assignor to Justrite Manufacturing Company, Chicago, Ill. Waste can. 2,216,279; Oct. 1.
Packer, Charles S., assignor to Justrite Manufacturing Company, Chicago, Ill. Acetylene lamp bowl. 2,216,280; Oct. 1.

Packer, Eben R., New Rochelle, N. Y., assignor to The Rails Company, New Haven, Conn. Rail fastening. 2,215,593; Sept. 24.
Packer, Glenn W., assignor to Goodman Manufacturing Company, Chicago, Ill. Apparatus for transporting material in mines. 2,191,621; Feb. 27.
Packers Machinery Company. (See Leavenworth, Frank G., assignor.)
Packless Metal Products Corporation. (See Guarnaschelli, Stephen, assignor.)
Pacy, Walter K., Aylesbury, England. Vehicle door catch mechanism. 2,195,282; Mar. 26.
Paddle, Leslie H., West Norwood, assignor to Telephone Manufacturing Company Limited, London, England. Radio receiving apparatus. 2,212,182; Aug. 20.
Paddock, Levi S. (See Jensen, L. B., and Paddock.)
Paddock, Ormond H., Rossford, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for case hardening glass. 2,194,612; Mar. 26.
Paddock, Ormond H., Rossford, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for tempering glass. 2,213,405; Sept. 3.
Paddock, Ormond H., Rossford, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Bending glass sheets. 2,218,654; Oct. 22.
Paddock, Ormond H., and A. M. Greaves-Walker, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Coloring vitreous articles and product produced thereby. 2,194,611; Mar. 26.
Paddock, Ormond H., and A. McK. Greaves-Walker, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for bending sheet glass. 2,213,406; Sept. 3.
Paden, Joseph H. (See Hill, W. H., Swain, and Paden.)
Paden, William L., Dayton, assignor, by mesne assignments, to Central National Bank of Cleveland, Cleveland, Ohio, as trustee. Register. 2,201,319; May 21.
Padget, Lamar J. (See Catchings, T. F., Padget, and Dawsey.)
Padgett, Frederick W., Ridley Park, assignor to Sun Oil Company, Philadelphia, Pa. Purifying wax. 2,194,185; Mar. 19.
Padgett, Joseph E., Toledo, Ohio. Bearing. 2,190,041; Feb. 13.
Padjen, Mike W., Georgetown, Calif. Infant's crib. 2,203,921; June 11.
Padowicz, Henry N., Bloomfield, assignor to Sirian Wire and Contact Company, Newark, N. J. Hard metal alloys and making the same. 2,188,983; Feb. 6.
Padrick, George H., Lakeland, Fla. Cotton stalk harvester. 2,217,809; Oct. 15.
Paffrath, Georg. (See Roosenstein, H. O., and Paffrath.)
Paganelli, Louis. (See Wolf, S., and Paganelli.)
Pagano, Carmello. (See Leone, D. T., Pagano, and Cosentino.)
Page, Albert E., Brooklyn, assignor to Scott & Williams, Incorporated, New York, N. Y. Independent needle for knitting machines. 2,192,098; Feb. 27.
Page, Albert E., Brooklyn, assignor to Scott & Williams, Incorporated, New York, N. Y. Circular knitting machine. 2,225,842; Dec. 24.
Page, Albert E. and F. R., Brooklyn, assignors to Scott & Williams, Incorporated, New York, N. Y. Knitted fabric. 2,192,798; Mar. 5.
Page, Albert E., Brooklyn, and H. Swinglehurst, Jr., Wantagh, N. Y., assignors to Scott & Williams, Incorporated, Laconia, N. H. Circular knitting machine. 2,200,207; May 7.
Page, Alfred C., assignor to C. T. Page, Detroit, Mich. Flow control and metering device. 2,192,200; Mar. 5.
Page, Christie T. (See Page, Alfred C., assignor.)
Page, Frank R. (See Page, Albert E. and F. R.)
Page, George A., Jr., Overland, Mo., assignor to Curtiss-Wright Corporation. Airplane cabin arrangement. 2,208,683; July 23.
Page, Harold D., Bronxville, assignor to Waugh Equipment Company, New York, N. Y. Cushioning mechanism. 2,186,267; Jan. 9.
Page, Harold D., Flushing, assignor to Waugh Equipment Company, New York, N. Y. Cushioning mechanism. 2,203,542; June 4.
Page, Herbert E., Syracuse, N. Y. Pressing machine. 2,191,117; Feb. 20.
Page, John. (See Camp, T. P., and Page.)
Page, John, Evanston, assignor to United States Gypsum Company, Chicago, Ill. Process and apparatus for perforating sheet materials. 2,220,270; Nov. 5.
Page, John E., Sydney, New South Wales, Australia. Container. 2,226,178; Dec. 24.
Page, John H., assignor to The Shaw-Walker Company, Muskegon, Mich. Corner construction for metal furniture. 2,208,227; July 16.
Page, John W., Chicago, Ill. Bucket. Re. 21,664; Dec. 17.
Page, Leslie M. (See Meylach, L., and Page.)
Page, Louis J., Hollis, N. Y. Adjustable nose pad mounting for raising and lowering bifocal lenses. 2,189,961; Feb. 13.
Page, Louis J., Hollis, N. Y. Bifocal ophthalmic mounting. 2,197,020; Apr. 16.
Page, Milton E., Jr. (See Johanson, Adolph T., assignor.)
Page, Parkhurst, Shrewsbury, Mass. Folding table. 2,215,131; Sept. 17.
Page, Richard B., Joplin, Mo. Selective dispenser. 2,226,908; Dec. 31.
Page, Robert C. (See Tullar, P. E., and Page.)
Page, Robert C., Mount Vernon, and P. E. Tullar, Tuckahoe, assignors to Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Air filtering stopper. 2,186,908; Jan. 9.
Page, William, Parklands Post Office, Pa. Internal expanding brake for vehicle wheels. 2,199,269; Apr. 30.
Page, William, Cranford, and M. Lefkowitz, Irvington, N. J. Fur treating composition and process. 2,225,843; Dec. 24.
Page, William K. (See Greegor, R. H., and Page.)
Pagel, Albert F., Park Ridge, assignor to Signode Steel Strapping Company, Chicago, Ill. Gripper. 2,209,630; July 30.
Pageman, Rudolph. (See Fisher, Robert P., assignor.)
Pagenkopf, Walter H., La Grange, assignor to Teletype Corporation, Chicago, Ill. Electrical coil. 2,193,980; Mar. 19.
Paget, Win W., Michigan City, Ind., assignor to Sullivan Machinery Company. Pumping apparatus. 2,186,492; Jan. 9.
Paget, Win W., Michigan City, Ind., assignor to Sullivan Machinery Company. Pumping apparatus unloading means. 2,196,227; Apr. 9.
Paget, Win W., Michigan City, Ind., assignor to Sullivan Machinery Company. Pumping apparatus. 2,200,291; May 14.
Paget, Win W., Michigan City, Ind., assignor to Sullivan Machinery Company. Fluid compressor. 2,213,256; Sept. 3.
Paget, Win W., Michigan City, Ind., assignor to Sullivan Machinery Company. Valve mechanism. 2,213,259; Sept. 3.
Pagliaroni, John V., Clawson, assignor of one-third to M. A. Hund, Grosse Pointe Park, Mich., and one-third to H. R. Roberts, Westchester, Ill. Automobile heater. 2,187,281; Jan. 16.
Pagliarul, Joseph N., Milwaukee, Wis. Wire stitching machine. 2,187,522; Jan. 16.
Pagliuco, Antonio, Natick, Mass. Coffeepot. 2,190,522; Feb. 13.
Pahls, John J., and A. C. J. Tamm, St. Louis, Mo., assignors to Anchor Cap & Closure Corporation, Long Island City, N. Y. Sealed package. 2,206,118; July 2.
Paiement, Joseph, Pointe-Claire, Quebec, Canada. Loading and unloading device. 2,218,121; Oct. 15.
Paige, Arthur E., Philadelphia, Pa. Method and apparatus for dispensing volatile liquid. 2,216,542; Oct. 1.
Paige, Arthur E., Philadelphia, Pa. Automatic stoker. 2,225,378; Dec. 17.
Paige, Richard E., Flushing, N. Y. Display device. 2,185,866; Jan. 2.
Paillard, Ernest A., Sainte-Croix, Switzerland. Cinematographic projector. 2,216,478; Oct. 1.
Paillard et Cie, S. A. (See Renaud, Marc, assignor.)
Paine, John D., Jr. (See Bartholomew E. L., and Paine.)
Paine, Oliver B., Fulton, N. Y. Multiple filament lamp. 2,217,134; Oct. 8.
Paine, Willard B., and A. A. Agueeff, assignors to Bendix Products Corporation, South Bend, Ind. Automotive equipment. 2,189,221; Feb. 6.
Painter, Claude D., assignor, to H. F. Borden, San Francisco, Calif. Fastening means for bottle cuffs or the like. 2,214,436; Sept. 10.
Painter, Claude D., assignor to H. F. Borden, San Francisco, Calif. Bottle collar. 2,219,562; Oct. 29.
Painter, Ernest C. (See Glunz, H. V., and Painter.)
Painter, Maurice E., Brookville, Ohio. Exercising device. 2,191,698; Feb. 27.
Painter, Walter S., Middlebury, assignor to Waterbury Buckle Company, Waterbury, Conn. Clasp-suspension coupling. 2,192,604; Mar. 5.
Painter, Walter S., Middlebury, assignor to Waterbury Buckle Company, Waterbury, Conn. Buckle. 2,194,953; Mar. 26.
Painter, Walter S., Middlebury, assignor to Waterbury Buckle Company, Waterbury, Conn. Clasp. 2,200,340; May 14.
Paisley, Ellwood S. (See Mulford, H. K., Paisley, and Peters.)
Paisley, John H., Elmira, N. Y. Line coupling. 2,203,922; June 11.
Paiuk, William, New York, N. Y. Animal trap. 2,221,406; Nov. 12.
Pajeau, Charles H., Evanston, Ill., assignor to The Toy Tinkers, Inc. Toy construction block. 2,208,049; July 16.
Pakala, William E. (See Slepian, J., and Pakala.)
Pakala, William E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Recording oscillographic apparatus. 2,186,268; Jan. 9.
Pakala, William E., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric device. 2,189,612; Feb. 6.
Palermo, John B., and W. Paster, assignors of one-third to C. L. Beckman, Brooklyn, N. Y. Spotlight. 2,210,554; Aug. 6.
Palfrey, Wendell. (See Jackson, Joseph R., assignor.)
Palit, Amrita R., Calcutta, India. Flushing cistern. 2,205,960; June 25.

Palkin, Samuel, Washington, D. C., dedicated to the free use of the People in the Territory of the United States. Multiple filter device. 2,198,175; Apr. 23.
Pallas Apparate Gesellschaft m. b. H. (See Schüttler, Paul, assignor.)
Pallas Apparate G. m. b. H. (See Schüttler, P., and Vollmer, assignors.)
Pallister, George E. (See Anthes, L. L., Ellis, and Pallister.)
Palm, Henry S., Reading, Pa. Body elevating mechanism for dumping wagons or the like. 2,203,059; June 4.
Palm, John V. O., Cleveland Heights, assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Making composite bearing strips. 2,187,864; Jan. 23.
Palm, John V. O., Cleveland Heights, and H. W. Luetkemeyer, Euclid, assignors to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Clutch plate. 2,190,994; Feb. 20.
Palm, John V. O., Cleveland Heights, J. K. Anthony, Cleveland, and J. E. Wilkey, South Euclid, assignors to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Bearing. 2,219,054; Oct. 22.
Palme, Josef F., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Edge-folding guide for sewing machines. 2,209,930; July 30.
Palmer-Bee Company. (See Landahl, Eugene E., assignor.)
Palmer Brothers Company, The. (See Johnson, James R., assignor.)
Palmer, Charles M. (See Hines, J., and Segal, assignors.)
Palmer, Charles M. (See Kramer, Saul, assignor.)
Palmer, Charles M. (See Okun, Nathaniel N., assignor.)
Palmer, Ernest J., Rutherford, assignor of one-half to H. W. Sarvis, Bayonne, N. J. Exhaust silencer. 2,218,959; Oct. 22.
Palmer, Frank D., assignor of one-third to C. Spray, Chicago, Ill. Container. 2,190,433; Feb. 13.
Palmer, George V., Los Angeles, Calif. Steel building construction. 2,224,313; Dec. 10.
Palmer, George V., assignor, by mesne assignments, to R. Lacy, Los Angeles, Calif. Metal wall building construction. 2,200,636; May 14.
Palmrose, George V., assignor to Weyerhaeuser Timber Company, Longview, Wash. Separating the heart and sap wood constituents of coniferous woods. 2,225,459; Dec. 17.
Palmer, Harry B., New York, N. Y. Questionnaire game. 2,190,881; Feb. 20.
Palmer, Harry L., Scotia, N. Y., assignor to General Electric Company. Electric control circuit. 2,195,996; Apr. 2.
Palmer, Howard, Kennett Square, Pa. Antenna construction. 2,186,934; Jan. 16.
Palmer, James, Nashville, Tenn., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Manufacture of shoes. 2,217,767; Oct. 15.
Palmer, Leroy H., Bell, Calif. Prime mover control system. 2,225,883; Dec. 24.
Palmer, Martin F., Wichita, Kans. Compressor system and apparatus for actuating same. 2,199,090; Apr. 30.
Palmer, Neville A., Paddington, near Sydney, New South Wales, Australia. Belt fastener. 2,185,563; Jan. 2.
Palmer, Paul H., Jacksonville, Fla., assignor to The Guardite Corporation. Recycling system for moistening tobacco. 2,207,755; July 16.
Palmer, Paul H., Jacksonville, Fla., assignor to The Guardite Corporation. Vacuum moistening process. 2,216,783; Oct. 8.
Palmer, Richard E., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Aircraft power plant control. 2,195,036; Mar. 26.
Palmer, Robert C., and C. H. Bibb, assignors to Newport Industries, Inc., Pensacola, Fla. Treating monocyclic terpene hydrocarbons. 2,211,432; Aug. 13.
Palmer, Robert P., Steubenville, Ohio. Making and repairing rolls for metal rolling mills. 2,195,256; Mar. 26.
Palmer, Robert T., Sharon, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Wet bulb thermostatic control. 2,217,597; Oct. 8.
Palmer, Thomas D., and E. E. Walko, Philadelphia, Pa. Umbrella safety device. 2,212,949; Aug. 27.
Palmer, Valentine P., assignor to G. W. McKee, Rockford, Ill. Regulator. 2,192,327; Mar. 5.
Palmer, William E., Sturtevant, Wis. Railroad switch heater. 2,199,960; May 7.
Palmgren, Allan O. G., assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Connecting rod. 2,215,741; Sept. 24.
Palmgren, Nils A., assignor to Aktiebolaget Svenska Kullagerfabriken, Goteberg, Sweden. Bearing for taking axial and radial loads. 2,209,103; July 23.
Palmgren, Philip, Los Angeles, Calif. Automobile turning signal. 2,205,048; June 18.
Palmrose, George V., Longview, assignor to Weyerhaeuser Timber Company, Tacoma, Wash. Digesting wood or other ligno-cellulose materials. 2,192,239; Mar. 5.
Palos, Sam, Argo, Ill. Electrocuting trap. 2,187,400; Jan. 16.
Palsson, Magnus P., Seattle, Wash. Safety block. 2,187,361; Jan. 16.
Paltzer, Jacob, Appleton, Wis. Blade attachment for quack diggers. 2,211,157; Aug. 13.
Pampel, Albert, Hamburg-Wandsbek, and K. M. Harder, Hamburg, assignors to Bauer & Schaurte, Neuss-on-the-Rhine, Germany. Device for measuring lengths. 2,208,910; July 23.
Panagiotákos, Paul C., Lawrence, Mass., assignor to The Atlantic Refining Company, Philadelphia, Pa. Lubricant. 2,192,930; Mar. 12.
Panagopoulos, John, Youngstown, Ohio, assignor to Novadel-Agene Corporation. Beer cooler device. Re. 21,352; Feb. 13.
Panagopoulos, John, Youngstown, Ohio, assignor to Novadel-Agene Corporation. Beer drawing system. 2,194,319; Mar. 19.
Panagopoulos, John, Youngstown, Ohio, assignor to Novadel-Agene Corporation. Beer cooling and drawing system. 2,202,262; May 28.
Pan American Production Company. (See Hewitt, Earl V., assignor.)
Pan American Refining Corporation. (See Babin, Burris F., assignor.)
Pan American Refining Corporation. (See Bertetti, John W., assignor.)
Pan American Refining Corporation. (See Broderson, H. J., Rogers, and Hamblen, assignors.)
Pan American Refining Corporation. (See Zimmerman, Russell L., assignor.)
Pancake, Herman H., Huntington, W. Va., assignor to American Car and Foundry Company, New York, N. Y. Mine car spring bumper and coupling. 2,190,730; Feb. 20.
Pancake, Herman H., and R. A. Shields, Berwick, Pa., assignors to American Car and Foundry Company, New York, N. Y. Resiliently mounted mine car. 2,227,318; Dec. 31.
Panchuk, Michael, Newark, N. J. Transmission hoist. 2,198,414; Apr. 23.
Pancorbo, Manuel, New York, N. Y. Rubber heel mold. 2,203,543; June 4.
Pancotti, Roberto, Nutley, N. J., assignor to Excelsior Accordions, Inc., New York, N. Y. Accordion. 2,192,857; Mar. 5.
Pande, John, Higgeli, near Oslo, Norway. Treatment of sulphide ores. 2,219,633; Oct. 29.
Pangborn Corporation. (See Keefer, Walter L., assignor.)
Pangerl, Joseph, assignor to R. Hoe & Co., Inc., New York, N. Y. Differential tension device. 2,218,548; Oct. 22.
Panish, Erwin J., Bridgeport, Conn. Valve operating mechanism. 2,203,233; June 4.
Pankuch, George, Cleveland Heights, Ohio. Assembler slide controlling and actuating mechanism. 2,222,878; Nov. 26.
Pannwitz, Wilhelm. (See Krzikalla, H., Schoeller, Pannwitz, and Denner.)
Pannwitz, Wilhelm. (See Seidler, R., and Pannwitz.)
Pannwitz, Wilhelm, and B. Ritzenthaler, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Jasco, Incorporated. Manufacture of artificial rubber by the polymerization of butadienes. 2,216,958; Oct. 8.
Panov, Alexis, and M. Lipkovski, Moscow, Union of Soviet Socialist Republics. Nonresonating transformer. 2,220,539; Nov. 5.
Pantena Limited. (See Houdremont, E., and Schrader, assignors.)
Pape, Clarence C., West Allis, Wis. Refrigerator and shelving therefor. 2,217,810; Oct. 15.
Pape, James C., Larchmont, assignor to I. Miller & Sons, Inc., Long Island City, N. Y. Lady's shoe. 2,210,841; Aug. 6.
Papendick, Elizabeth, executrix. (See Papendick, Gustav C.)
Papendick, Gustav C., University City; E. Papendick, executrix of G. C. Papendick, deceased, assignor to Papendick, Inc., St. Louis, Mo. Sliced bread-loaf fractionating machine. 2,211,433; Aug. 13.
Papendick, Inc. (See Papendick, Gustav C., assignor.)
Paper Patents Company. (See Craig, Kenneth A., assignor.)
Paper Patents Company. (See Fleck, Louis C., assignor.)
Paper Patents Company. (See Fourness, C. A., and Harwood, assignors.)
Paper Patents Company. (See Henderson, Charles L., assignor.)
Paper Patents Company. (See Kellett, W. R., and Ostertag, assignors.)
Paper Patents Company. (See Swanson, W. H., Lang, and Porter, assignors.)
Paper Sacks Limited. (See Robinson, Foster G., assignor.)
Paper Service Company, The. (See Rowe, William W., assignor.)
Paper Service Company, The. (See Rowe, W. W., and Morris, assignors.)
Papiersackfabrik Rothrist A.-G. (See Pletscher, Willy, assignor.)
Papin, Joseph E., St. Louis, and H. H. Black, Overland, assignors to Wagner Electric Corporation, St. Louis, Mo. Coil winding machine. 2,192,618; Mar. 5.
Papini, Henry, Pawtucket, assignor to Warwick Chemical Co., West Warwick, R. I. Reducing composition useful for textile printing and other purposes. 2,201,010; May 14.

Papiri, Rudolph. (See Boezi, J., and Papiri.)
Papp, Andrew E., and J. L. Winks, assignors to G & W Electric Specialty Co., Chicago, Ill. Electrical connection. 2,195,630; Apr. 2.
Pappajion, George D., Danieldson, Conn. Numbering device for photographic films. 2,188,843; Jan. 30.
Papritz, Adolph G., Chicago, Ill. Airplane. 2,193,375; Mar. 12.
Paque, Edward J., Cincinnati, Ohio. Power driven hack saw. 2,216,828; Oct. 8.
Para-Bond Corporation of America. (See Omansky, Morris, assignor.)
Paradis, Albert L. (See Rose, W. J., and Paradis.)
Paradis, Luc, Montreal, Quebec, Canada. Drilling machine. 2,215,273; Sept. 17.
Paradise, Louis A., and W. J. Coultas, assignors to Deere & Company, Moline, Ill. Ensilage havester. 2,196,025; Apr. 2.
Paragon Gear Works, Inc. (See Ware, W. C., and Allen, assignors.)
Paragon Revolute Corporation. (See Sullivan, Warren L., assignor.)
Paramount Pictures, Inc. (See La Grande, Frank, assignor.)
Paramount Studios. (See Wenton, Julius F., assignor.)
Paramount Textile Machinery Co. (See Nyhuis, Gerrit H., assignor.)
Paramount Textile Machinery Co. (See Prosser, Thomas W., assignor.)
Paramount Textile Machinery Co. (See Richter, William, assignor.)
Pardee, Frank, assignor to Anthracite Separator Company, Hazleton, Pa. Method and apparatus for separating solids of different gravities. 2,199,091; Apr. 30.
Pardee, Frank, assignor to Anthracite Separator Company, Hazleton, Pa. Method and apparatus for separating solids of different gravities. 2,205,432; June 25.
Pardee, Harvey S., Ravinia, assignor, by mesne assignments, to Hydromatic Corporation, Chicago, Ill. Train control. 2,215,051; Sept. 17.
Pardee, Lloyd W., Lakewood, assignor to The Scott & Fetzer Company, Cleveland, Ohio. Converter coupling for vacuum cleaners. 2,190,882; Feb. 20.
Pardini, Louis, Burlingame, Calif. Drum making machine. 2,209,033; July 23.
Pardon, Heinz. (See Fischer, E., Gmelin, Huss, Krzikalla, and Pardon.)
Pardon, Heinz. (See Hess, F., and Pardon.)
Parent, Albert J., Waterbury, Conn. Kitchen tool. 2,213,015; Aug. 27.
Parenti, Joseph S., assignor to The Fluidpoise Manufacturing Company, Inc., Buffalo, N. Y. Pumping apparatus. 2,222,823; Nov. 26.
Parets, Anthony S., Chicago, Ill. Dispensing container. 2,205,836; June 25.
Paridon, Michael, Barberton, Ohio, assignor to The Diamond Match Company, New York, N. Y. Machine for booking matches. 2,226,738; Dec. 31.
Pariot, George, New York, N. Y. Mounting for swinging closures. 2,191,900; Feb. 27.
Pariot, George, New York, N. Y., assignor to The Oscar C. Rixson Company. Door closure and check mechanism. 2,223,045; Nov. 26.
Paris, Israel R., Washington, D. C. Game board. 2,223,125; Nov. 26.
Paris, Robert E., New York, N. Y. Container. 2,195,257; Mar. 26.
Paris, Robert E., assignor to International Business Machines Corporation, New York, N. Y. Electrical calculating machine. 2,185,681; Jan. 2.
Paris, Robert E., assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism for tabulating machines. 2,189,044; Feb. 6.
Parish, Clifford A. (See Tanner, W. L. and Parish.)
Parish, Fred A., assignor to Automatic Washer Company, Newton, Iowa. Clutch mechanism for ironer mechanism. 2,193,538; Mar. 12.
Parish, Fred A., assignor to Automatic Washer Company, Newton, Iowa. Wringer (manual pressure reset). 2,218,829; Oct. 22.
Parisio, Raymond P., Oakland, Calif. Fishing rod holder. 2,204,692; June 18.
Parisot, Jean, Pagny sur Moselle, assignor to Société Le Carbone-Lorraine, Gennevilliers (Seine), France. Arc lamp cathodes. 2,185,679; Jan. 2.
Park, Chauncey M., Evanston, Ill. Power generating, transmitting, and delivering apparatus. 2,202,298; May 28.
Park, Crawford, Youngstown, Ohio. Casting device. 2,192,754; Mar. 5.
Park, Leon A., Frenchtown, N. J. Rafter and brace square. 2,198,948; Apr. 30.
Park Metalware Co. Inc. (See Petre, John N., assignor.)
Park, Philip R., Inc. (See Lassen, Sven H., assignor.)
Park, Ralph S., Queens Village, assignor to General Chemical Company, New York, N. Y. Making sodium aluminum sulphate. 2,189,179; Feb. 6.
Park, Ralph S., Queens Village, N. Y., and G. S. Simpson, Plainfield, N. J., assignors to General Chemical Company, New York, N. Y. Making sodium hyposulphite. 2,226,576; Dec. 31.
Park, Robert H. (See Beardsley, A. P., and Park.)
Park, Tracy S. (See Bowles, William V., assignor.)
Park, Tracy S., Houston, assignor to A. J. and K. T. Penick, Harris County, Tex. Rotary drilling machine. 2,201,673; May 21.
Park, Tracy S., Houston, assignor of one-half to F. Kinzbach and one-half to R. B. Kimzbach, Harris County, Tex. Piston. 2,216,353; Oct. 1.
Parke, Davis & Company. (See Beutner, Reinhard, assignor.)
Parke, Davis & Company. (See Bywater, William G., assignor.)
Parke, Davis & Company. (See Dyson, G. M., and Renshaw, assignors.)
Parke, Davis & Company. (See Hamilton, Cliff S., assignor.)
Parke, Davis & Company. (See Marker, Russell E., assignor.)
Parke, Davis & Company. (See Marker, R. E., Jones, and Oakwood, assignors.)
Parke, Davis & Company. (See Marker, R. E., and Oakwood, assignors.)
Parke, Davis & Company. (See Scott, A. B., Gruhzit, and Sultzaberger, assignors.)
Parke, Davis & Company. (See Scott, A. B., Hummel, Tullar, and Wainwright, assignors.)
Parke, Davis & Company. (See Tullar, Benjamin F., assignor.)
Parke, Thomas V. (See Knapp, L. G., and Parke.)
Parker, Arthur L., Cleveland, Ohio. Energizer for gas engines. 2,185,564; Jan. 2.
Parker, Arthur L., Cleveland, Ohio. Fuel distributing unit. 2,189,674; Feb. 6.
Parker, Arthur L., Cleveland, Ohio. Fuel distributing device. 2,189,675; Feb. 6.
Parker, Arthur L., Cleveland, Ohio. Tube coupling. 2,191,582; Feb. 27.
Parker, Arthur L., Cleveland, Ohio. Valve mechanism. 2,196,120; Apr. 2.
Parker, Arthur L., Cleveland, Ohio. Valve assembly. 2,202,960; June 4.
Parker, Arthur L., Cleveland, Ohio. Valve assembly. 2,202,961; June 4.
Parker, Arthur L., Cleveland, Ohio. Valve assembly. 2,209,132; July 23.
Parker, Arthur L., Cleveland, Ohio. Valve assembly. 2,209,133; July 23.
Parker, Arthur L., Cleveland, Ohio. Valve assembly. 2,209,134; July 23.
Parker, Arthur L., Cleveland, Ohio. Valve assembly. 2,209,135; July 23.
Parker, Arthur L., Cleveland, Ohio. Valve assembly. 2,209,136; July 23.
Parker, Arthur L., Cleveland, Ohio. Tube coupling. 2,212,183; Aug. 20.
Parker, Arthur L., Cleveland, Ohio. Forming various units from standardized blanks. 2,222,629; Nov. 26.
Parker, Benjamin L., Genoa, Ill. Vehicle signal system. 2,201,687; May 21.
Parker Brothers, Inc. (See Howard, Le Roy, assignor.)
Parker Brothers, Inc. (See Parker, George S., assignor.)
Parker, C. Paul, et al. (See Kistner, Merrill M., assignor.)
Parker, Charles B., Washington, D. C. Rubber hand stamp. 2,207,756; July 16.
Parker, Clark W., Dobbs Ferry, N. Y. Automatic tire inflater. 2,211,935; Aug. 20.
Parker, Claude E., assignor to Gas Products Corporation, Chicago, Ill. Cook stove. 2,219,787; Oct. 29.
Parker, Clyde M., assignor to The Selectivend Corporation, Kansas City, Mo. Bottled goods vending machine. 2,218,317; Oct. 15.
Parker, Donald, et al., executors. (See Parker, George D.)
Parker, Donald, Fresno, Calif. Dust applying machine. 2,226,136; Dec. 24.
Parker, Frank, Edmonds, Wash. Grid for conveyer belt systems. 2,226,321; Dec. 24.
Parker, Frank B., Chicago, Ill. Refrigeration. 2,188,372; Jan. 30.
Parker, Fred W., Flanigan, Nev. Exercise appliance. 2,224,445; Dec. 10.
Parker, George Blaine. (See Fisher, D., Parker, George B. and L. L., and Meehan.)
Parker, George D., Riverside, Calif., deceased; D. Parker and Citizens National Trust and Savings Bank of Riverside, executors; assignors to Wire Tie Machinery Company. Bundle binding and tying machine. 2,191,082; Feb. 20.
Parker, George M., et al. (See Parker, George M., assignor.)
Parker, George M., assignor to H. P. Fuller, G. M. Parker, and P. Fuller, a co-partnership, doing business under name and style Porter Steel Specialties, Shelbyville, Ind. Disposable dust receptacle for brush type carpet sweepers. 2,227,104; Dec. 31.
Parker, George S., Peterboro, N. H., assignor to Parker Bothers, Inc., Salem, Mass. Game. 2,187,808; Jan. 23.
Parker, George W., Jr., assignor to Specialty Engineering Company, Philadelphia, Pa. Truck body. 2,222,986; Nov. 26.
Parker, Glenn H., Royal Oak, assignor to Chrysler Corporation, Highland Park, Mich. Wheel suspension. 2,222,265; Nov. 19.
Parker, Harold B., Pratt, Kans. Air conditioning unit. 2,212,748; Aug. 27.
Parker, Henry C. (See Curtin, Leo P., assignor.)

Parker, Humphrey F., Detroit, Mich. Fluid motor. 2,202,023; May 28.
Parker, Humphrey F., and J. G. Aceves, New York, N. Y., assignors to Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,218,477; Oct. 15.
Parker, Lawrence P., Effingham, Ill. Pipe cutting tool. 2,218,766; Oct. 22.
Parker, Lloyd L. (See Fisher, D., Parker, George B. and L. L., and Meehan.)
Parker, Louis W., Astoria, assignor, by mesne assignments, to C. S. I. Development Corporation, New York, N. Y. Intercommunicating system and apparatus therefor. 2,189,269; Feb. 6.
Parker, Louis W., Astoria, assignor, by mesne assignments, to C. T. Allen, New York, N. Y. Intercommunicating system. 2,221,994; Nov. 19.
Parker, Milton E., Barrington, and F. C. Brengman, Elmhurst, assignors to Beatrice Creamery Company, Chicago, Ill. Treatment of milk products. 2,207,817; July 16.
Parker, Orrel A., Shaker Heights, Ohio. Hose holder. 2,192,649; Mar. 5.
Parker, Orrel A., Warrensville, Ohio. Method and apparatus for distributing liquid solutions. 2,215,132; Sept. 17.
Parker Pen Company, The. (See Baker, Marlin S., assignor.)
Parker, Peter A. (See Ronzone, David B., assignor.)
Parker, Raymond A., assignor to The S P O Incorporated, Cleveland, Ohio. Molding machine. 2,209,792; July 30.
Parker, Richard W., Indianapolis, Ind., assignor to Link-Belt Company. Self-aligning idler for belt conveyers. 2,225,276; Dec. 17.
Parker, Robert B., Claremont, N. H., assignor to Sullivan Machinery Company. Milling machine. 2,204,945; June 18.
Parker, Robert B., Claremont, N. H., assignor to Sullivan Machinery Company. Milling machine. 2,204,946; June 18.
Parker, Robert B., Claremont, N. H., assignor to Sullivan Machinery Company. Tempering apparatus. 2,219,430; Oct. 29.
Parker, Robert H., assignor of one-half to W. H. Donaldson, Lakewood, Ohio. Assembly board for mats. 2,226,440; Dec. 24.
Parker, Robert P. (See Lecher, H. Z., Parker, and Orem.)
Parker Rust-Proof Company. (See Darsey, V. M., and McVey, assignors.)
Parker Rust-Proof Company. (See Gordon, Robert H., assignor.)
Parker, Sydney M., Myton, Warwick, assignor to Automotive Products Company Limited, London, England. Fluid pressure remote control system. 2,207,491; July 9.
Parker, Sydney M., assignor to Automotive Products Company Limited, London, England. Liquid pressure remote control system. 2,219,488; Oct. 29.
Parker, Thaddeus C., Jr., Tampa, Fla. Agitating machine. 2,202,564; May 28.
Parker, Tolleson C. (See Dodd, H. D., Anderson, and Parker.)
Parker, William M. (See Gray, J. E., Devereaux, and Parker.)
Parker Wire Goods Company. (See Ferguson, Alan C., assignor.)
Parkersburg Rig & Reel Company, The. (See McKeever, Roy S., assignor.)
Parkersburg Rig & Reel Company, The. (See Schwemlein, William, assignor.)
Parkersburg Specialty Company. (See Youngquist, Henry W., assignor.)
Parkes, Bertrand A., and R. C., Philadelphia, Pa. Loop forming mechanism. 2,213,502; Sept. 3.
Parkes, Bertrand A. and R. C., Philadelphia, Pa. Cloth winding mechanism. 2,220,613; Nov. 5.
Parkes, Ralph C. (See Mees, L., and Parkes.)
Parkes, Ralph C. (See Parkes, Bertrand A., and R. C.)
Parkes, Walter E., Norwood, Ohio. Braking mechanism. 2,211,025; Aug. 13.
Parkhill, Thomas H., West Springfield, and L. W. Shattuck, Woronoco, assignors to Strathmore Paper Company, West Springfield, Mass. Paper making. 2,215,335; Sept. 17.
Parkhill-Wade. (See Ensign, R. F., and Wade, assignors.)
Parkhill-Wade. (See Wade, Henry N., assignor.)
Parkhurst, Frederic A., Suffield, Conn., assignor to Monsanto Chemical Company, St. Louis, Mo. Machine for slitting and trimming plastic webs. 2,199,648; May 7.
Parkhurst, Layton M., Buffalo, N. Y. Building construction. 2,223,016; Nov. 26.
Parkhurst, Malcolm K., New York, N. Y., assignor to The Wilcolator Company, Newark, N. J. Temperature control for electrical appliances. 2,224,983; Dec. 17.
Parkin, Thomas D., Broomfield, near Chelmsford, England, assignor to Radio Corporation of America. Dial indicator apparatus. 2,200,517; May 14.
Parkins, Wright A., and G. E. Beardsley, Jr., West Hartford, assignors to United Aircraft Corporation, East Hartford, Conn. Temperature-controlled lubricating system. 2,213,147; Aug. 27.
Parkinson, John S. (See Gray, A. M., Jr., and Parkinson.)
Parkinson, Percy E., Belleville, Mich. Electric circuit breaker. 2,206,468; July 2.
Parkison, Wilbur H., Arlington, Va. Razor blade sharpener. 2,219,750; Oct. 29.
Parks-Cramer Company. (See Karlson, Alfred F., assignor.)
Parks-Cramer Company. (See Simon, Herman F., assignor.)
Parks, Dennis, St. Louis, Mo. Detecting mechanism for sole grading machines. 2,204,820; June 18.
Parks, Dennis, St. Louis, Mo. Sole grading machine. 2,219,489; Oct. 29.
Parks, Helen H., Greybull, Wyo. Sleeping cover. 2,225,884; Dec. 24.
Parks, Joseph A., Jr. (See Shoemaker, R. W., and Parks.)
Parks, Lee N., Caro, Mich. Inhaler. 2,215,188; Sept. 17.
Parks, Orville J., Hopkins, assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Adjustable support for tractor implements. 2,226,577; Dec. 31.
Parks, Paul B. (See Vulpen, J. V., and Parks.)
Parks, Walter J., Shaker Heights, Ohio. Reciprocating mechanism. 2,188,482; Jan. 30.
Parks, Walter J., Shaker Heights, Ohio. Reciprocating screen. 2,208,596; July 23.
Parks, Walter J., Shaker Heights, Ohio. Reciprocating screen. 2,222,299; Nov. 19.
Parks, Walter J., Cleveland, Ohio. Screening apparatus and the like. 2,212,550; Aug. 27.
Parmelee, Earle L. (See Foster, W. D., and Parmelee.)
Parmelee, Howard M., Salem, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Abietyl sulphate and its manufacture. 2,203,339; June 4.
Parnell, Frank G. (See Van Vestraut, G., and Parnell.)
Parnell, Louis A., Stillwater, Minn. Dead end clamp. 2,196,938; Apr. 9.
Parr, Bernard F., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric appliance hinge. 2,193,601; Mar. 12.
Parr, Earl J., Wendell, Idaho. Wrapping paper cutter. 2,207,873; July 16.
Parr, Elmer. (See Parr, Frank, and E.)
Parr, Frank and E., Mountain Lake, Minn. Calendar clock. 2,227,362; Dec. 31.
Parr, James E. (See Fulenwider, Vance, assignor.)
Párraga, Charles F. (See Elian, A. J., and Párraga.)
Parrett, Arthur N., and E. H. Woodruff, Shelton, Wash., assignors to Rayonier Incorporated, San Francisco, Calif. Purifying wood pulp. 2,224,159; Dec. 10.
Parrigin, Homer P., Dallas, Tex. Fluid fuel burner. 2,217,291; Oct. 8.
Parrigin, Homer P., Dallas, Tex. Gas burner for industrial use. 2,221,995; Nov. 19.
Parrillo, Louis W., New York, N. Y. Illuminated hat. 2,203,028; June 4.
Parris, Benjamin E., Dallas, Tex. Oil saver. 2,212,040; Aug. 20.
Parris, Cyril W., Wakefield, assignor to E. Green & Son, Limited, Wakefield, Yorkshire, England. High pressure joint for tubes and the like. 2,211,983; Aug. 20.
Parrish, Alan J., Paris, Ill. Auger. 2,221,680; Nov. 12.
Parrish, Benjamin E., Dallas, Tex. Well swab. 2,201,451; May 21.
Parrish, Carl C., assignor to Porter Steel Specialties, Shelbyville, Ind. Carpet sweeper window. 2,208,516; July 16.
Parrish, Dudley T., assignor to Graham-White Sander Corporation, Roanoke, Va. Valve. 2,215,405; Sept. 17.
Parrish, Henry C., assignor to Richmond Cedar Works, Richmond, Va. Ice cream freezer. 2,194,719; Mar. 26.
Parrish, John C., Detroit, Mich. Adjustable gauge. 2,210,124; Aug. 6.
Parrish, Maxfield, Jr., Cambridge, Mass., and T. R. James, Minneapolis, Minn., assignors to General Mills, Inc. Extruding die. 2,217,135; Oct. 8.
Parrish, Willard E., Syracuse, N. Y. Threading tool. 2,204,866; June 18.
Parrot Speed Fastener Corporation. (See Snyder, Harry D., assignor.)
Parry, Amos G., assignor to The Telescope Folding Furniture Company, Granville, N. Y. Collapsible chair. 2,213,590; Sept. 3.
Parry, Frank, assignor to Molins Machine Company, Limited, Deptford, London, England. Packing machine. 2,210,378; Aug. 6.
Parsberg, Erik R., Lidingo, near Stockholm, Sweden, assignor to American Gas Accumulator Company, Elizabeth, N. J. Method and means for emitting signals with varying signal character. 2,219,016; Oct. 22.
Parsberg, Erik R., Lidingo, near Stockholm, Sweden, assignor to American Gas Accumulator Company, Elizabeth, N. J. Method and means for emitting signals with varying signal character. 2,219,017; Oct. 22.
Parsberg, Erik R., Lidingo, near Stockholm, Sweden, assignor to American Gas Accumulator Company, Elizabeth, N. J. Method and means for emitting signals with varying signal character. 2,219,018; Oct. 22.
Parsberg, Erik R., Lidingo, near Stockholm, Sweden, assignor to American Gas Accumulator Company, Elizabeth, N. J. Method and means for emitting signals with varying signal character. 2,219,019; Oct. 22.
Parsell, Richard K. (See Stephen, T., and Parsell.)

Parsell, Richard K., Brooklyn, N. Y. Method and apparatus for viewing pictures in stereoscopic relief. 2,218,875; Oct. 22.
Parshad Holding Corporation. (See Metcalf, Arthur G. B., assignor.)
Parshad Holding Corporation, et al. (See Sackett, Ernest D., assignor.)
Parson, John F. (See Mills, J. T., and Parson.)
Parsons Co., The. (See Brogren, A. V., and Parsons, assignors.)
Parsons, Edward J. (See Frey, A. A., and Parsons.)
Parsons, Fred A., Milwaukee, Wis. Cooking utensil. 2,209,793; July 30.
Parsons, Fred A., Milwaukee, assignor to Kearney & Trecker Corporation, West Allis, Wis. Backlash eliminator. 2,195,799; Apr. 2.
Parsons, Fred A., assignor to The Falk Corporation, Milwaukee, Wis. Machine tool transmission and control. 2,202,263; May 28.
Parsons, Fred A., assignor to The Falk Corporation, Milwaukee, Wis. Machine tool transmission and control. 2,203,743; June 11.
Parsons, Fred A., assignor to The Falk Corporation, Milwaukee, Wis. Transmission and control mechanism. 2,204,693; June 18.
Parsons, Fred A., assignor to The Falk Corporation, Milwaukee, Wis. Transmission and control mechanism. 2,208,340; July 16.
Parsons. George K., assignor to Unitor Corporation, Detroit, Mich. Washing machine construction. 2,210,095; Aug. 6.
Parsons, Harrison O., Houston, Tex. Device for gauging and sampling liquids in closed containers. 2,215,594; Sept. 24.
Parsons, Hugh L., Pen Argyl, Pa. Roofing. 2,205,307; June 18.
Parsons, Isaac G. (See Haskins, Curtiss X., assignor.)
Parsons, James A., Jr., assignor to The Durion Company, Inc., Dayton, Ohio. Corrosion resistant ferrous alloy. 2,185,987; Jan. 2.
Parsons, James A., Jr., assignor to The Duriron Company, Inc., Dayton, Ohio. Corrosion-resisting ferrous alloy. 2,200,208; May 7.
Parsons, John, New York, N. Y. Effective temperature indicator. 2,193,519; Mar. 12.
Parsons, John A., Bainbridge, N. Y. Molding casein and similar plastics. 2,186,881; Jan. 9.
Parsons, John A., Bainbridge, assignor to American Plastics Corporation, New York, N. Y. Treating sheets or strips of casein plastics. 2,206,850; July 2.
Parsons, John B., Indianapolis, Ind. Hydraulic control system. 2,216,518; Oct. 1.
Parsons, John S., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Network system of distribution. 2,221,602; Nov. 12.
Parsons, John T. (See Brogren, A. V., and Parsons.)
Parsons Marine Steam Turbine Company, The. (See Cook, S. S., and Douglas, assignors.)
Parsons, Philip D., Swathmore, assignor to Scott Paper Company, Chester, Pa. Toilet roll support for recessed wall fixtures. 2,201,052; May 14.
Parsons, Raymond V., New York, N. Y., and A. L. Wilcox, Darien, Conn., assignors of one-third to G. E. Byer. Building construction. 2,204,319; June. 11.
Parsons, Richard F., assignor of one-half to Harvey & Company, Limited, St. Johns, Newfoundland. Treating comestibles. 2,222,087; Nov. 19.
Parsons, Robert J., Schenectady, assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Bus heating system. 2,201,916; May 21.
Parsons, Robert J., Schenectady, assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Vehicle heating. 2,224,830; Dec. 10.
Parsons, Wallace E. (See Randall, W. H., Parsons, and Schwertfeger.)
Parsons, William J., Millers Falls, assignor to Millers Falls Company, Greenfield, Mass. Miter box. 2,205,019; June 18.
Parsons, William J., Millers Falls, assignor to Millers Falls Company, Greenfield, Mass. Tool. 2,224,195; Dec. 10.
Partansky, Alexander M., assignor to The Dow Chemical Company, Midland, Mich. Treatment of wood hydrolysate solutions. 2,203,360; June 4.
Partin, Albert, Portales, N. Mex. Trailer hitch. 2,205,151; June 18.
Partington, Robert M., New Lebanon, N. Y., assignor to General Electric Company. Electric circuit. 2,202,715; May 28.
Partington, Robert M., New Lebanon, N. Y., assignor to General Electric Company. Electric circuit. 2,202,716; May 28.
Partridge & Anderson Company. (See Taylor, Milton C., assignor.)
Partridge, Edward G., Stow, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Mold lubricant. 2,201,271; May 21.
Partridge, George A., Paradise, Calif. Ground leveler. 2,202,815; June 4.
Partridge, John H. (See Pirani, M., and Partridge.)
Partridge, John H., Middlesex County, England, assignor to General Electric Company. Refractory glass. 2,199,856; May 7.
Partridge, Morris N., East Orange, N. J. Dishwashing machine. 2,203,029; June 4.
Parts Manufacturing Company. (See Marshall, Donald A., assignor.)
Parva Products Company. (See White, Paul W., assignor.)
Parvin, Edward G., Roselle, N. J., assignor to National Pneumatic Company, New York, N. Y. Door control system. 2,187,173; Jan. 16.
Parvin, Edward G., Roselle, assignor to National Pneumatic Company, Rahway, N. J. Electric motor control system. 2,193,642; Mar. 12.
Pasanen, Toivo C., Franklin Mine, Mich. Puttying tool. 2,220,119; Nov. 5.
Pascale, Pasquale, New York, N. Y., assignor to Novo Patents, Inc. Steam stop valve. 2,202,164; May 28.
Paschke, Martin E., Williamsville, N. Y. Nonskid device. 2,212,450; Aug. 20.
Pascucci, Ernest B. (See Runge, R. M., and Pascucci.)
Pascuzzi, Vincent, and F. Cavallaro, Brooklyn, N. Y. Window. 2,204,909; June 18.
Pasek, Walter L., St. Louis, Mo., assignor to Louis Marx & Company, Inc., New York, N. Y. Airplane toy. 2,219,658; Oct. 29.
Pash, Robert. (See Franz, F., Boesch, and Pash.)
Pasinski, Walter J., Howell, assignor to Burroughs Adding Machine Company, Detroit, Mich. Cash register. 2,208,050; July 16.
Pasma, Douwe, Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Vacuum tube oscillator. 2,189,402; Feb. 6.
Pasma, Douwe, Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Band spread arrangement in superheterodyne receivers. 2,210,379; Aug. 6.
Pass, Sam. (See Trubitz, Philip, assignor.)
Pass & Seymour, Inc. (See Pennock, R. S., and Russell, assignors.)
Passarelli, Frank, Scranton, Pa. Fuel briquette and making same. 2,227,363; Dec. 31
Passauer, Dee R., Bradford, Pa. Vise. 2,221,923; Nov. 19.
Passek, George C., assignor to A. J. Paynter, Philadelphia, Pa. Stapling machine. 2,195,283; Mar. 26.
Passek, George C., assignor to A. J. Paynter, Philadelphia, Pa. Stapling machine. 2,195,284; Mar. 26.
Passler, Hermann, Zistersdorf, Niederdonau, assignor of one-half to A. Brunnbauer, Sen, Vienna, Germany. Borehole direction recorder. 2,222,442; Nov. 19.
Passmore, Henry E., Jr. (See Moise, B. C., and Passmore.)
Passow, Henry E., San Francisco, Calif. Bowling ball returnway. 2,226,872; Dec. 31.
Passur, Norman, Oakland, Calif. Control means for air circulating systems. 2.224,407; Dec. 10.
Paster, William. (See Palermo, J. B., and Paster.)
Pasternack, Richard, Brooklyn, and G. O. Cragwall, East Williston, assignors to Charles Pfizer & Company, Brooklyn, N. Y. Preparation of levo-ascorbic acid. 2,185,383; Jan. 2.
Pasternack, Richard, Brooklyn, N. Y., and P. P. Regna, North Bergen, N. J., assignors to Charles Pfizer & Company, Brooklyn, N. Y. Preparation of 2-keto aldonic acids from aldonic acids. 2.188,777; Jan. 30.
Pasternack, Richard, Brooklyn, and E. V. Brown, Jamaica, assignors to Charles Pfizer & Company, Brooklyn, N. Y. Preparation of D-tartaric acid. 2,197,021; Apr. 16.
Pasternack, Richard, Brooklyn, N. Y., and P. P. Regna, North Bergen, N. J., assignors to Charles Pfizer & Company, Brooklyn, N. Y. Preparation of salts of 2-keto-aldonic acids. 2,203,923; June 11.
Pasternack, Richard, Brooklyn, N. Y., and P. P. Regna, North Bergen, N. J., assignors to Charles Pfizer & Company, Brooklyn, N. Y. Preparation of esters of 2-keto-aldonic acids by oxidation of aldonic acids, their lactones and esters. 2,207,991; July 16.
Pasternack, Richard, Brooklyn, N. Y., and P. P. Regna, North Bergen, N. J., assignors to Charles Pfizer & Company, Brooklyn, N. Y. Preparation of 2-keto aldonic acids from aldonic acids by anodic oxidation. 2,222,155; Nov. 19.
Pastor, Carl T., Huels, uber Krefeld, Germany. Spinning device. 2,191,583; Feb. 27.
Patch, Albert C., Topeka, Kans. Elastic collar and tie clasp. 2,195,468; Apr. 2.
Patch, Earl S., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Lubricating element. 2,190,217; Feb. 13.
Patch, Harry M., Seattle, Wash. Summer air conditioning unit. 2,209,999; Aug. 6.
"Patchem A.-G. zur Beteiligung an Patenten und Sonstigen Erfindungsrechten auf Chemische Verfahren." (See Hentrich, Winfrid, assignor.)
"Patchem A.-G. zur Beteiligung an Patenten und Sonstigen Erfindungsrechten auf Chemische Verfahren." (See Rittmeister, Wilhelm, assignor.)
Patco, Inc. (See Koppl, Ernest, assignor.)
Patco, Inc. (See Vaughn, Leonard E., assignor.)
Patent Button Company, The. (See Peterson, Frederick H., assignor.)
Patent Button Company, The. (See Purinton, Forrest G., assignor.)
Patent and Licensing Corporation, The. (See Brown, Grover C., assignor.)

Patent and Licensing Corporation, The. (See Eckert, Clarence R., assignor.)
Patent and Licensing Corporation, The. (See Kirschbraun, Lester, assignor.)
Patent and Licensing Corporation, The. (See Levin, Harold L., assignor.)
Patent and Licensing Corporation, The. (See Sweedler, Benjamin, assignor.)
Patent and Licensing Corporation, The. (See van Hulst, Jan, assignor.)
Patent and Licensing Corporation, The. (See Veazey,
Patent Novelties Inc. (See Klein, Irving, assignor.)
Patent Protection Corporation, trustee. (See Kress, Ralph H., assignor.)
Patent Syndicate. (See Shannon, Hubert F., assignor.) Marion H., assignor.)
Patent-Treuhand-Gesellschaft für Elektrische Gluhlampen m. b. H. (See Pink, Johannes, assignor.)
Patents Corporation, The. (See Thompson, J. S., and Bristol, assignors.)
Patents Corporation, The. (See Thompson, J. S., and Ward, assignors.)
Patentverwertungs-Gesellschaft mit beschrankter Haftung "Hermes". (See Hoppe, Georg, assignor.)
Patentverwertugns-Gesellschaft mit beschrankter Haftung "Hermes." (See Koppelmann, Floris, assignor.)
Patentverwertungs-Gesellschaft mit beschränkter Haftung "Hermes." (See Nesselmann, K., and Sprengel, assignors.)
Patentverwertungs-Gesellschaft mit beschränkter Haftung "Hermes". (See Rahn, Werner, assignor.)
Patentverwertungsgesellschaft mit beschrankter Haftung "Hermes". (See Schnitger, Herbert, assignor.)
Patentverwertungs-Gesellschaft mit beschrankter Haftung "Hermes". (See Steenbeck, Max, assignor.)
Pateras Pescara, Raul, Paris, France. Free piston machine. 2,189,497; Feb. 6.
Pateras Pescara, Raul, Paris, France. Control mechanism. 2,222,913; Nov. 26.
Pateras Pescara, Raul, Paris, France. System including rotary blades. 2,226,978; Dec. 31.
Pateras Pescara, Raul, Paris, France, assignor to Societe d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A., Geneva, Switzerland. Regulating device for compressed fluid generators of the free pistons type. 2,200,892; May 14.
Paterson, Alexander, Buffalo, N. Y. Producing billets from steel scrap. 2,211,984; Aug. 20.
Paterson, Edward M., Whittier, and R. O. Wilson, Los Angeles, Calif., assignors to Plastic Fibre Corp. Machine for making pulp articles. 2,224,881; Dec. 17.
Paterson, James, Saco, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Spinning and twister frame. 2,211,731; Aug. 13.
Paterson, James F., deceased, St. Paul, Minn.; K. K. Paterson, executrix. Glasses. 2,208,103; July 16.
Paterson, John C. (See Tunley, A. A., and Paterson.) assignor.)
Paterson, John C., Peterborough, England, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Machine for arranging and stacking biscuits or the like. 2,205,106; June 18.
Paterson, John C., Peterborough, England, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Feeding or conveying biscuits or other articles. 2,221,845; Nov. 19.
Paterson, Katherine K., executrix. (See Paterson, James F.)
Paterson Pacific Parchment Company. (See De Mars, John W., assignor.)
Patex Societe Anonyme. (See Kreidel, Hans, assignor.)
Patey, William B., Dalton, Ga., assignor of one-half to C. Waterhouse, Dayton, Tenn. Lever operated tufting
Pathé Cinema Anciens Etablissements Pathé Frères. (See Cazes, Paul G., assignor.)
Pathé Cinema Anciens Etablissements Pathé Frères. (See Pierron, N., and Aubry, assignors.)
Patjens, Henry K. (See Cook, T. R., and Patjens.)
Patnode, Winton I., Schenectady, N. Y., assignor to General Electric Company. Treating thermoplastic materials. 2,217,451; Oct. 8.
Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,190,218; Feb. 13.
Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,216,959; Oct. 8.
Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Clutch control mechanism. 2,217,965; Oct. 15.
Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,221,488; Nov. 12.
Paton, John G. (See Perrin, M. W., Fawcett, Paton, and Williams.)
Paton, John G. (See Perrin, M. W., Paton, and Williams.)
Paton, John G., E. G. Williams, Northwich, England, assignors to Imperial Chemical Industries Limited. Polymers from ethylene and acetylene. 2,192,931; Mar. 12.
Paton, Roy W., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring. 2,213,452; Sept. 3.
Paton, Roy W., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring. 2,220,947; Nov. 12.
Paton, Roy W., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring. 2,220,948; Nov. 12.
Patrick, Grover C., and G. W. Schatzman, assignors, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Fender skirt clamping mechanism. 2,215,619; Sept. 24.
Patrick, Joseph C., Kansas City, Mo. Methylene polysulphide plastic. 2,206,641; July 2.
Patrick, Joseph C., Morrisville, Pa., assignor to Thiokol Corporation, Trenton, N. J. Polysulphide plastic and making. 2,195,380; Mar. 26.
Patrick, Joseph C., Morrisville, Pa., assignor to Thiokol Corporation, Yardville, N. J. Organic polysulphide cement and making the same. 2,206,643; July 2.
Patrick, Joseph C., Morrisville, Pa., assignor to Thiokol Corporation, Trenton, N. J. Sulphurized polymers and plastics. 2,216,044; Sept. 24.
Patrick, Joseph C., Morrisville, Pa., assignor to Thiokol Corporation, Yardville, N. J. Structure for preventing static electricity. 2,218,176; Oct. 15.
Patrick, Joseph C., Morrisville, Pa., assignor to Thiokol Corporation, Yardville, N. J. Molding polysulphide polymers. 2,221,650; Nov. 12.
Patrick, Joseph C., Trenton, assignor to Thiokol Corporation, Yardville, N. J. Composition of matter and producing it. 2,206,642; July 2.
Patrick, Joseph M., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Warp beam. 2,204,442; June 11.
Patrignani, Leonida, Paris, France, assignor, by mesne assignments, to Caladon Corporation, Boston, Mass. Refrigerating unit. 2,199,413; May 7.
Patrignani, Leonida, Paris, France, assignor, by mesne assignments, to Caladon Corporation, Boston, Mass. Compressor unit for refrigeration and other applications. 2,199,414; May 7.
Patrol Valve Company, The. (See Prutton, C. F., and Marvin, assignors.)
Patscheider, Walter A., Auburndale, assignor to Walworth Patents Inc., Boston, Mass. Combined reamer and undercutter. 2,207,067; July 9.
Pattee, Ellis C., Cincinnati, Ohio, assignor to National Distillers Products Corporation, New York, N. Y. Continuous solvent extraction apparatus. 2,187,890; Jan. 23.
Patten, George W., Minneapolis, Minn. Plant labeling device. 2,186,428; Jan. 9.
Patterson, Agnes C. (See Patterson, Herman W. and A. C.)
Patterson, Albert M., Jr., and N. S. Riley, Jr., assignors to Bell Aircraft Corporation, Buffalo, N. Y. Vision globe and method of illustrating visibility. 2,205,961; June 25.
Patterson, Bennett, et al. (See Graham, W. A., assignor.)
Patterson Burial Vault Trust, The. (See Patterson, Joseph A., assignor.)
Patterson, Charley T., Springfield, Mo. Egg candler. 2,195,658; Apr. 2.
Patterson, Coleman, and E. Patterson, Sunny Bank, Quebec, Canada. Lawn mower. 2,214,537; Sept. 10.
Patterson, David E., Philadelphia, Pa., assignor to Consolidated Fibre Products, Limited. Fiber separating machine. Re. 21,468; May 28.
Patterson, Delbert F. (See Larzelere, Charles F., assignor.)
Patterson, Earle V., Pittsford, and C. A. Macy, deceased; S. R. Macy, executrix, assignors to Morgan Machine Company, Inc., Rochester, N. Y. Nailing machine. 2,188,117; Jan. 23.
Patterson, Edgar W. (See Edgecomb, C. R., and Patterson.
Patterson, Edgar W., Long Beach, Calif. Fluid lift pump. 2,222,205; Nov. 19.
Patterson, Edgar W., assignor of one-half to M. D. Patterson, Long Beach, and one-half to C. M. O'Leary, Jr., Los Angeles, Calif. Well pumping mechanism. 2,185,680; Jan. 2.
Patterson, Edgar W., Long Beach, assignor of one-half to C. M. O'Leary, Jr., Los Angeles, Calif. Geared rack and pinion. 2,200,292; May 14.
Patterson, Edie J., Stockton, assignor of fifty percent to Marti Bros., Tracy, Calif. Bean vine windrower. 2,195,381; Mar. 26.
Patterson, Elmer. (See Patterson, Coleman, and E.)
Patterson Foundry & Machine Co., The. (See Underwood, Elvin M., assignor.)
Patterson Foundry & Machine Co., The. (See Valentine, Kenneth S., assignor.)
Patterson Foundry & Machine Company, The. (See Wilhelm, D. M., and Kempler, assignors.)
Patterson, Frank. (See Swensen, M., and Patterson.)
Patterson, Gordon D. (See Sloan, C. K., and Patterson.)
Patterson, Gordon D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing titanium pigments. 2,187,050; Jan. 16.
Patterson, Herbert F., St. Clair Shores, assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle power transmission. Re. 21,680; Dec. 31.
Patterson, Herbert F., St. Clair Shores, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,203,177; June 4.
Patterson, Herbert F., St. Clair Shores, and A. J. Syrovy, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,226,014; Dec. 24.

Patterson, Herman W., and A. C. Patterson, Cleveland Heights, Ohio, assignors to Stella Wokersien, Omaha, Nebr. Display device. 2,226,409; Dec. 24.
Patterson, Howard T., Woonsocket, assignor to Austin T. Levy, Harrisville, R. I. Prefabricated building. 2,186,462; Jan. 9.
Patterson, John V., Pittsburgh, Pa. Steel structure. 2,211,384; Aug. 13.
Patterson, Joseph A., assignor of three-fourths to The Patterson Burial Vault Trust, Brave, Pa. Burial vault. 2,192,291; Mar. 5.
Patterson, Louis L., Chula Vista, Calif. Direction signal for automobiles. 2,193,255; Mar. 12.
Patterson, Margaret D., et al. (See Patterson, Edgar W., assignor.)
Patterson, Morehead, New York, N. Y., assignor to American Machine & Laundry Company. Preparing shredded tobacco. 2,188,307; Jan. 30.
Patterson, Oscar C., Keokuk, Iowa. Bottle drying apparatus. 2,207,331; July 9.
Patterson, Robert, St. Louis, Mo. Display rack. 2,190,675; Feb. 20.
Patterson, W. W., Jr. (See Rumpler, George J., assignor.)
Patterson, William C. (See Anné, C. T., Wilson, and Patterson.)
Pattilloch, Donald K., assignor to Pattilloch Processes, Inc., Boston, Mass. Making paper. 2,202,717; May 28.
Pattilloch Processes, Inc. (See Pattilloch, Donald K., assignor.)
Pattison, Herbert J., Detroit, Mich. Graining machine. 2,202,465; May 28.
Pattison, Herbert J., assignor to Briggs Manufacturing Company, Detroit, Mich. Graining surfaces of irregularly shaped objects. 2,202,464; May 28.
Pattison, James W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Vehicle wheel. 2,198,883; Apr. 30.
Patton, Fred E., Redondo Beach, assignor to The National Supply Company, Torrance, Calif. Surveying apparatus. 2,198,836; Apr. 30.
Patton, Harry A., et al. (See La Marsh, Charles W., assignor.)
Patton, Thomas N., Memphis, Tenn. Mattress. 2,218,478; Oct. 15.
Patzer, William. (See Tratsch, W. A., and Patzer.)
Patzer, William, and W. A. Tratsch, Chicago, Ill. Coin chute. 2,226,873; Dec. 31.
Patzig, August L., Weehawken, N. J. Card game. 2,225,422; Dec. 17.
Pätzold, Johannes, Erlangen, and P. Betz, Buckenhof, assignors to the firm Siemens-Reiniger-Werke Aktiengesellschaft. Berlin, Germany. Electrode means. 2,220,269; Nov. 5.
Pätzold, Otto. (See Baesgen, W., Demsky, and Pätzold.)
Pauckner, Gustav. (See Hamprecht, G., and Pauckner.)
Paul, Elihu T., Corbin, and C. D. Carlisle, Middlesboro, assignors of one-third to F. Craft, Pikeville, Ky. Chair. 2,185,923; Jan. 2.
Paul, Francis W., Hamlet, N. C. Aid to standing and walking. 2,208,195; July 16.
Paul, Frank L., New York, N. Y. Keyboard. 2,187,592; Jan. 16.
Paul, George F., Struthers, Ohio. Strip coiler. 2,212,243; Aug. 20.
Paul, Homer E. (See Schuster, F. E., and Paul.)
Paul, John E., Newark, and C. B. Lee, Morristown, N. J. Light indicator. 2,198,443; Apr. 23.
Paul, Joseph N., Fort Wayne, Ind., assignor, by mesne assignments, to Automatic Signal Corporation, East Norwalk, Conn. Traffic signal. 2,199,572; May 7.
Paul, Joseph N., Fort Wayne, Ind., assignor, by mesne assignments, to Automatic Signal Corporation, East Norwalk, Conn. Traffic signal. 2,199,573; May 7.
Paul, Joseph N., Fort Wayne, Ind., assignor, by mesne assignments, to Automatic Signal Corporation, East Norwalk, Conn. Traffic signal system. 2,199,574; May 7.
Paul, Karl, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electrolysis cell. 2,224,831; Dec. 10.
Paul, Leon R., Brooklyn, assignor of one-half to J. J. Daly, New York, N. Y. Beverage barrel cooler. 2,214,344; Sept. 10.
Paul, Peter, Inc. (See Zeun, Louis H., assignor.)
Paul, René, Lyon, France. Physical education apparatus. 2,209,034; July 23.
Paul-Rohland, Inc. (See Rohland, Curt J., assignor.)
Paul, Talbert W. (See Brown, T., and Paul.)
Paul, Talbert W., assignor to Deere & Company, Moline, Ill. Tractor. 2,186,306; Jan. 9.
Paul, Thorolf. (See Norman, H. M., Farr, Coxon, Paul, and Le Fevre.)
Paul, Thorolf, assignor to Stewart-Warner Corporation, Chicago, Ill. Combination electrical measuring instrument. 2,226,441; Dec. 24.
Paulding, John I., Inc. (See Johnson, Arthur A., assignor.)
Pauli, August C. (See Meinig, G. R., and Pauli.)
Paulin, Frank, Chicago, Ill. Stapling machine. 2,216,453; Oct. 1.
Pauling, Harry, Berlin, Germany. Apparatus for the concentration of sulphuric acid. 2,213,847; Sept. 3.
Paulsen, Christian, Clifton, N. J., assignor to Ditto, Incorporated, Chicago, Ill. Sheet assembling apparatus. 2,205,433; June 25.
Paulsen, Guy D., Longmeadow, Mass. Golf practicing apparatus. 2,189,613; Feb. 6.
Paulsen, Thomas R., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Tractor bulldozer. 2,221,813; Nov. 19.
Paulson, Arthur W. (See Crabbe, G. N., and Paulson.)
Paulson, Christian, Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Mounting device. 2,201,344; May 21.
Paulson, Christian, Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical testing apparatus. 2,201,562; May 21.
Paulson, Christian, Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Coil testing apparatus. 2,213,848; Sept. 3.
Paulson, Frederick R., et al. (See Irvine, Milton H., assignor.)
Paulson, Walter A., Brooklawn, N. J. Thermostatic control device. 2,199,416; May 7.
Paulson, Walter H., assignor to The Lathrop-Paulson Company, Chicago, Ill. Cover applying apparatus. 2,225,569; Dec. 17.
Paulus, Charles L. (See Alexander, D. F., Henney, and Paulus.)
Paulus, Charles L. (See Henney, C. F., Alexander, and Paulus.)
Pauro, Charles, Camden, N. J. Windshield wiper. 2,194,671; Mar. 26.
Pausin, Hugo R., Maplewood, N. J. Reel for moving picture film. 2,203,101; June 4.
Pauze, Joseph L., Two Rivers, Wis. Lock nail. 2,190,883; Feb. 20.
Pavelka, Joseph. (See Becker, Lester O., assignor.)
Pavelka, Joseph. (See McCullough, Paul J., assignor.)
Paves, Nathan L., New York, N. Y. Combination dumbbell and Indian club. 2,223,574; Dec. 3.
Pavia, Luigi, Allentown, Pa. Shuttle. 2,224,002; Dec. 3.
Pavitt, William H., deceased, Bronxville, N. Y., assignor to A. J. Wilputte, New Rochelle, N. Y.; L. Wilputte, executor. Coke oven fuel distribution. 2,199,961; May 7.
Pavlecka, John, and D. K. Badertscher, assignors to Hudson-Motor Car Company, Detroit, Mich. Water pump. 2,206,488; July 2.
Pavlinek, Stephen. (See Muaei, A. J., and Pavlinek.)
Pavlovic, Joseph, Jr., Dillonvale, Ohio. Combined inventory and price tag holder. 2,204,767; June 18.
Pawlek, Franz. (See Dahl, O., and Pawlek.)
Pawol, Joseph. (See Davis, H., and Pawol.)
Pawsat, Ewald F., Maysville, Ky., assignor to Wald Manufacturing Company, Incorporated. Bicycle stand. 2,202,426; May 28.
Pawsat, Ewald F., assignor to Wald Mfg. Co., Inc., Maysville, Ky. Carrier mounting. 2,209,846; July 30.
Pawsey, Joseph L. (See Cork, E. C., Bowman-Manifold, and Pawsey.)
Pawsey, Joseph L. (See Cork, E. C., and Pawsey.)
Paxman, Edward P., Colchester, England. Engine governor. 2,215,406; Sept. 17.
Paxton, Dewey M., assignor, by mesne assignments, to Curtis Anti-Vapor Pumps, Inc., Los Angeles, Calif. Shim. 2,207,332; July 9.
Paxton, James B., Huron, assignor of one-half to J. S. Malik, Cleveland, Ohio. Fishing device. 2,203,618; June 4.
Paxton, Thomas J., Normal, Ill. Typewriter machine. 2,221,407; Nov. 12.
Payberg, Andrew, Somerville, assignor to Milton Bradley Co., Springfield, Mass. Paper transparency. 2,190,627; Feb. 13.
Payer, Theo. (See Mezger, R., and Payer.)
Paykel, Horace. (See Morgan, John W., assignor.)
Payne, Clarence Q., Stamford, Conn. Apparatus for magnetic separation. 2,188,516; Jan. 30.
Payne, Clarence Q., Stamford, Conn. Magnetic separator. 2,188,517; Jan. 30.
Payne, Clarence Q., Shippan Point, Stamford, Conn. Method of and apparatus for reducing enriched iron ores. 2,206,973; July 9.
Payne, Claron R., Allentown, assignor to The Atlas Mineral Products Company, Mertztown, Pa. Building walls and floors. 2,227,228; Dec. 31.
Payne, Hubert A., Clinton, N. J. Brake adjuster. 2,210,336; Aug. 6.
Payne, John W. (See Simpson, T. P., Payne, and Crowley.)
Payne, John W. (See Simpson, T. P., Payne, Crowley, and Teitsworth.)
Payne, John W., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Kiln. 2,226,535; Dec. 31.
Payne, John W., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Kiln. 2,226,578; Dec. 31.
Payne, John W., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Treating process. 2,227,416; Dec. 31.
Payne, L. M., Company. (See Woina, Benjamin A., assignor.)
Payne, Lawrence T. (See Conrade, H. G., and Payne.)

Payne, Lyle L., Midland, assignor to Hughes Tool Company, Houston, Tex. Wash pipe. 2,192,693; Mar. 5.
Payne, Maud F., Chicago, Ill. Hat box. 2,225,483; Dec. 17.
Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Letoff for multibeam looms. 2,207,104; July 9.
Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread holder for weft replenishing looms. 2,207,105; July 9.
Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Mounting for whip rolls. 2,207,106; July 9.
Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Resilient mounting for binders. 2,207,107; July 9.
Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Tip for electric weft detectors. 2,220,052; Oct. 29.
Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Control for loom letoffs. 2,226,232; Dec. 24.
Payne, Pearson M., Denver, Colo. Forming liner plates. 2,216,784; Oct. 8.
Payne Products Co. (See Stack, Theodore T., assignor.)
Payne, Walter B., assignor to The Todd Company, Inc., Rochester, N. Y. Printing apparatus. 2,186,144; Jan. 9.
Payne, Walter B., assignor to The Todd Company, Inc., Rochester, N. Y. Printing apparatus. 2,212,124; Aug. 20.
Payne, Walter E. (See Klein, A. C., and Payne.)
Paynter, Alfred J. (See Passek, George C., assignor.)
Paynter, Horace J., Union, N. J., assignor to American Can Company, New York, N. Y. Coating machine. 2,185,223; Jan. 2.
Paynter, Horace J., Union, and W. E. Rooney, Bellingham, Wash., assignors to American Can Company, New York, N. Y. Fish canning machine. 2,189,831; Feb. 13.
Payson, Peter, assignor to Crucible Steel Company of America, New York, N. Y. Annealing steel. 2,188,155; Jan. 23.
Payzant, Henry H., assignor to General Timber Service, Inc., St. Paul, Minn. Manufacture of laminated structures and materials therefor. 2,205,600; June 25.
Peabody Engineering Corporation. (See Anderson, Arleigh W., assignor.)
Peabody Engineering Corporation. (See Harmon, Robert R., assignor.)
Peabody Engineering Corporation. (See Hicks, Leslie A., assignor.)
Peabody Engineering Corporation. (See Peabody, Ernest H., assignor.)
Peabody Engineering Corporation. (See Peterson, Eric G., assignor.)
Peabody Engineering Corporation. (See Vroom, Robert C., assignor.)
Peabody, Ernest H., assignor to Peabody Engineering Corporation, New York, N. Y. Air register control. 2,210,428; Aug. 6.
Peabody, John A., Gig Harbor, Wash. Building construction. 2,208,814; July 23.
Peace, John D., Jr. (See Lutz, F. W., and Peace.)
Peachey, Homer D., Lewiston, Pa. Traction apparatus. 2,186,036; Jan. 9.
Peachey, John D., Oakland Park, Fla. Apparatus for testing and matching shuffleboard disks. 2,217,492; Oct. 8.
Peacock, Charles T., Arriba, Colo. Damming device for listers. Re. 21,675; Dec. 24.
Peacock, Charles T., Lincoln County, Colo. Damming attachment for lister seeders. 2,187,051; Jan. 16.
Peacock, Frank E. (See Brisbane, E. C., and Peacock.)
Peacock Laboratories, Inc. (See Peacock, William, assignor.)
Peacock, William, Philadelphia, Pa., assignor, by mesne assignments, to Peacock Laboratories, Inc., Toledo, Ohio. Making mirrors. 2,214,476; Sept. 10.
Peak, Ben H., assignor of one-third to D. McCoy, Simi, Calif. Valve spring tool. 2,204,443; June 11.
Peake, John S., and F. C. Bennett, assignors to The Dow Chemical Company, Midland, Mich. Production of magnesium. 2,224,160; Dec. 10.
Peake, John S., and C. E. Nelson, assignors to The Dow Chemical Company, Midland, Mich. Producing metals, such as calcium and magnesium. 2,213,170; Aug. 27.
Pealer, Robert B., assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Power unit. 2,191,191; Feb. 20.
Pealer, Robert B., Parkman, assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Pipe working machine. 2,224,691; Dec. 10.
Pearce, Clarence H., Hyattsville, Md. Miter and framing tool. 2,220,794; Nov. 5.
Pearce, Gale T. (See Vieweg, H. F., Holcomb, Pearce, and Coss.)
Pearce, Gale T., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Felted product and method and machine for making the same. 2,188,373; Jan. 30.
Pearce, George C., assignor to General Motors Corporation, Dayton, Ohio. Electric motor control. 2,185,517; Jan. 2.
Pearce, George C., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,202,165; May 28.
Pearce, George W., Jr., Pittsburgh, Pa. Transmission. 2,205,768; June 25.
Pearce, Henry A., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Automobile door lock. 2,189,992; Feb. 13.
Pearce, John H. G., London, England. Manufacture of fluorescent discharge tubes. 2,192,869; Mar. 5.
Pearce, Leo J., et al. (See Thompson, Arthur C., assignor.)
Pearce, Owen A. (See Beale, C. E., Richards, and Pearce.)
Pearce, Owen A. (See McClew, J. W., and Pearce.)
Pearce, Owen A., Barnston, England, assignor to Associated Telephone & Telegraph Company, Chicago, Ill. Telephone system. 2,224,692; Dec. 10.
Pearce, Walter H., North Hills, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring instrument. 2,200,805; May 14.
Pearce, Wilbur C., Minneapolis, Minn. Decoy. 2,196,078; Apr. 2.
Pearce, William L., Houston, Tex. Automatic boiler washer. 2,200,296; May 14.
Peardon, Gordon J., Abbotsford, British Columbia, Canada. Cooling device. 2,217,379; Oct. 8.
Pearl, John, Detroit, Mich. Garment hanger. 2,210,631; Aug. 6.
Pearne, Frank Y., Los Angeles, Calif. Fabricating machine. 2,194,096; Mar. 19.
Pearre, George R. (See Maloney, G. R., and Pearre.)
Pearsall, Albert E. (See Predmore, Harvey H., assignor.)
Pearsall, Thomas H. (See Wendel, F. B., and Pearsall.)
Pearson, Andrew, Sevenoaks, England. Concentration of ores and other minerals by the sink and float process. 2,206,574; July 2.
Pearson, Andrew, assignor to Huntington, Heberlein & Company, Limited, Aldwych, London, England. Separation of solid materials of different specific gravities. 2,191,805; Feb. 27.
Pearson, Carl E., Cleveland Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery. 2,203,797; June 11.
Pearson, Charles, Waverly, Fla., assignor to International Harvester Company. Tractor mower. Re. 21,636; Nov. 26.
Pearson, Edward. (See Pearson, Otto H. and E.)
Pearson, Gustav C., Denver, Colo., assignor to Gardner-Denver Company, Quincy, Ill. Throttle valve for pneumatic tools. 2,215,376; Sept. 17.
Pearson, Gustav C., Denver, Colo., assignor to Gardner-Denver Company, Quincy, Ill. Rock drill feeding mechanism. 2,219,563; Oct. 29.
Pearson, Harry B., Jr., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Breaking emulsions. 2,185,710; Jan. 2.
Pearson, Harry B., Jr., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Water gas process. 2,218,266; Oct. 15.
Pearson, John L., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Apparatus for heat treating. 2,191,133; Feb. 20.
Pearson, John M., Swarthmore, assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Orienting cores. 2,211,158; Aug. 13.
Pearson, John M., Swarthmore, assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Apparatus for orienting cores. 2,217,768; Oct. 15.
Pearson, Le Roy T., and F. M. Zimmerman, Battle Creek, Mich. Connecting mechanism. 2,188,308; Jan. 30.
Pearson, Norman R., et al. (See Waite, Charles F., assignor.)
Pearson, Otto H., St. Joseph, Mich., and E. Pearson, assignors, by mesne assignments, to N. L. Strike, Salt Lake City, Utah. Control for pressing machines. 2,215,795; Sept. 24.
Pearson, Otto H. and E., assignors, by mesne assignments, to N. L. Strike, Salt Lake City, Utah. Pressing machine. 2,207,468; July 9.
Pearson, Sidney E., Kansas City, Kans. Collapsible crib. 2,194,320; Mar. 19.
Pearson, Thomas F., Pontefract, England, assignor to Crown Cork & Seal Company, Inc., New York, N. Y. Apparatus for feeding molten glass. 2,185,565; Jan. 2.
Pearson, Thomas F., Pontefract, England, assignor to Crown Cork & Seal Company, Inc., New York, N. Y. Forming glass bottles, jars, and the like. 2,186,174; Jan. 9.
Pearson, Thomas F., Pontefract, England, assignor to Crown Cork & Seal Company, Inc., New York, N. Y. Apparatus for the manufacture of glassware. 2,190,042; Feb. 13.
Pearson, Thomas F., Pontefract, England, assignor to Crown Cork & Seal Company, Inc., New York, N. Y. Machine for the manufacture of glass articles. 2,191,237; Feb. 20.
Pearson, Thomas F., Pontefract, England, assignor to Crown Cork & Seal Company, Inc., New York, N. Y. Machine for the manufacture of glass articles. 2,193,376; Mar. 12.
Pearson, Thomas F., Pontefract, England, assignor to Crown Cork & Seal Company, Inc., New York, N. Y. Driving mechanism for glass working machines. 2,197,436; Apr. 16.

Pearson, Thomas F., Pontefract, England, assignor to Crown Cork & Seal Company, Inc., New York, N. Y. Opening and closing the molds of a machine for forming glassware. 2,212,699; Aug. 27.
Pearson, Thomas F., and R. R. Prest, Pontefract, England, assignors to Crown Cork & Seal Company, Inc., New York, N. Y. Manufacture of bottles or other hollow articles of glassware. 2,217,811; Oct. 15.
Pearson, Ward E. (See Auger, H., and Pearson.)
Pearson, William S., assignor to Peerco, Inc., Park Ridge, Ill. Display device. Re. 21,637; Nov. 26.
Pearson, William S., assignor to Peerco, Inc., Park Ridge, Ill. Symbol display device. 2,188,518; Jan. 30.
Pearson, Willie T., Jackson, Miss. Bottle opener. 2,205,152; June 18.
Pearson, Willie T., Jackson, Miss. Cooking utensil. 2,216,984; Oct. 8.
Pease, C. F., Company, The. (See Brunk, Harold J., assignor.)
Pease, C. F., Company, The. (See Brunk, H. J., and Dickason, assignors.)
Pease, George M. (See McMullin, George M., assignor.)
Pease, William A., Cincinnati, Ohio, assignor to The Ohio Truss Company. Truss pad. 2,216,625; Oct. 1.
Peaster, Milton E., Oklahoma City, Okla. Antileak nozzle. 2,223,854; Dec. 3.
Pechukas, Alphonse, Barberton, Ohio, assignor to Pittsburgh Plate Glass Company, Alleghany County, Pa. Decolorizing titanium tetrachloride. 2,207,597; July 9.
Pechukas, Alphonse, Barberton, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Decolorizing titanium tetrachloride. 2,224,061; Dec. 3.
Pechy, William. (See Hothersall, J. M., and Pechy.)
Pechy, William. (See Murch, J. H., and Pechy.)
Peck, Cecil C., Cleveland, Ohio. Pulley. 2,221,432; Nov. 12.
Peck, Clarence E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Controlled cooling in a heat treating process. 2,217,452; Oct. 8.
Peck, Edward B., Elizabeth, N. J., assignor to Standard Oil Development Company. Prospecting for oil. 2,223,183; Nov. 26.
Peck, George W., New River, Tenn. Sawmill carriage offset. 2,186,493; Jan. 9.
Peck, Gordon V., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Condenser mounting. 2,202,166; May 28.
Peck, Harry D. (See Murdock, F. D., and Peck.)
Peck, Herbert G., Miami, Fla. Umbrella. 2,224,882; Dec. 17.
Peck, Lee H., Chagrin Falls, assignor to Porcelain Products, Inc., Findley, Ohio. Wiring box. 2,197,897; Apr. 23.
Peck, Lee H., Chagrin Falls, assignor to Porcelain Products, Inc., Findlay, Ohio. Electrical convenience outlet. 2,215,712; Sept. 24.
Peck, Lee H., Chagrin Falls, assignor to Porcelain Products, Inc., Findlay, Ohio. Electrical drop-cord fixture. 2,215,713; Sept. 24.
Peck, Lee H., Chagrin Falls, assignor to Porcelain Products, Inc., Findlay, Ohio. Electrical switch. 2,215,714; Sept. 24.
Peck, Lee H., Chagrin Falls, assignor to Porcelain Products, Inc., Findlay, Ohio. Lamp receptacle fixture. 2,215,715; Sept. 24.
Peck, Robert E., Cincinnati, Ohio. Air conditioning conduit fitting. 2,216,046; Sept. 24.
Peck, Robert E., assignor of one-fourth to W. Burchenal, and one-fourth to M. Lippencott, Cincinnati, Ohio. Conduit construction. 2,226,523; Dec. 24.
Peck, Stow & Wilcox Company, The. (See Smart, Ernest F., assignor.)
Peck, Stow & Wilcox Company, The. (See Trapp, Adolph J., assignor.)
Peck, William F., Sturbridge, and J. Y. Taylor, assignors to American Optical Company, Southbridge, Mass. Demonstrator. 2,217,991; Oct. 15.
Peck, William W., Auburn, Ind. Stoker drive. 2,204,768; June 18.
Pecker, Joseph S., Philadelphia, Pa. Remote control steering apparatus for flying machines. 2,224,357; Dec. 10.
Peckham, Alfred, assignor to Kirsch Company, Sturgis, Mich. Adjustable bracket. 2,198,088; Apr. 23.
Peckham, Alfred, assignor to Kirsch Company, Sturgis, Mich. Adjustable bracket. 2,198,089; Apr. 23.
Peckham, Alfred, assignor to Kirsch Company, Sturgis, Mich. Adjustable bracket. 2,201,787; May 21.
Peckham, Leslie N., Uxbridge, assignor to Bell Punch Company Limited, London, England. Inking arrangement for printing machines. 2,210,729; Aug. 6.
Peco Manufacturing Corporation. (See Errig, W. F., and Pfundt, assignors.)
Pecorella, Alberto and B. G., Buffalo, N. Y. Extension shoe. 2,223,384; Dec. 3.
Pecorella, Benedict G. (See Pecorella, Alberto and B. G.)
Pedaline, Ralph, Youngstown, Ohio. Machine for forming air cushion frames. 2,209,472; July 30.
Pedatella, Frank, New Kensington, Pa. Wall box switch. 2,202,535; May 28.
Pedder, Frank S., Milwaukee, and C. I. Longenecker, Wauwatosa, assignors to Chain Belt Company, Milwaukee, Wis. Valve structure. 2,217,380; Oct. 8.
Pedder, James F., assignor to General Motors Corporation, Dayton, Ohio. Bottle cap. 2,190,606; Feb. 13.
Peddrick, Charles H., Jr., Northville, assignor to Feldspathic Research Corporation, New York, N. Y. Insecticide. 2,203,744; June 11.
Peddrick, Charles H., Jr., Northville, assignor to Feldspathic Research Corporation, New York, N. Y. Mineral composition for use in glass manufacture. 2,210,524; Aug. 6.
Peddrick, Charles H., Jr., Northville, N. Y., and J. H. Weis, West Paris, Maine, assignors to Feldspathic Research Corporation, New York, N. Y. Concentrating nonmetallic minerals. 2,198,972; Apr. 30.
Pederquist, Ernest G. J., assignor to The Rajah Company, Bloomfield, N. J. Connector. 2,206,672; July 2.
Pedersen, Gunner F. M., assignor to Dansk Crown-Cork Fabrik ved Aage Weybye-Lassen, Copenhagen, Denmark. Capsule stopper for bottles, jars, glasses and the like. Re. 21,433; Apr. 23.
Pedersen, Gunner F. M., assignor to Dansk Crown-Cork Fabrik ved Aage Weybye-Lassen, Copenhagen, Denmark. Apparatus for applying center spots to crown cap cushions. 2,197,830; Apr. 23.
Pedersen, Thomas E., New York, N. Y. Bedpan cushion. 2,188,844; Jan. 30.
Pedersen, William W., assignor to The Dow Chemical Company, Midland, Mich. Ethyl cellulose molding composition. 2,215,249; Sept. 17.
Pedersen, William W., assignor to The Dow Chemical Company, Midland, Mich. Thermoplastic molding composition. 2,215,250; Sept. 17.
Pederson, John P., Battle Creek, Mich. Paper making machine. Re. 21,381; Mar. 5.
Pedery, Joseph, New York, N. Y. Tobacco pipe. 2,204,282; June 11.
Pedlow, John W. (See Allen, G. M., McDermott, and Pedlow.)
Peduzzi, Reynold A., East Pittsburgh, Pa. Gas carburetor. 2,209,206; July 23.
Peebles, David D. (See Gray, C. E., and Peebles.)
Peebles, Fred, Pasadena, Calif. Seat cover. 2,202,065; May 28.
Peebles, Joseph B. (See Brown, D., Peebles, and Burchfiel.)
Peebles, Thomas A., Pittsburgh, assignor to John M. Hopwood, Mount Lebanon, Pa. Control system for pulverizer mills. 2,212,125; Aug. 20.
Peek, Francis E., et al. (See Sheldon, Ralph O., assignor.)
Peek, J. Eldon. (See Kerr, Ralph L., assignor.)
Peek, Samuel E., et al. (See Sheldon, Ralph O., assignor.)
Peel, Frederick W., Bedford, Va., assignor to Rubatex Products, Inc., New York, N. Y. Continuous process of manufacturing rubber tubing. 2,210,000; Aug. 6.
Peel, Frederick W., Severna Park, and C. J. Kilduff, Baltimore, Md. Method and apparatus for internally electrically heating expanding rubber. 2,204,617; June 18.
Peerco, Inc. (See Pearson, William S., assignor.)
Peerless, Alter. (See Fleischer, N. I., and Peerless.)
Peerless Brands, Inc. (See Price, Jehu, assignor.)
Peerless Chain Company. (See Bambenek, Joseph B., assignor.)
Peerless Equipment Company, The. (See Gemmill, Walter F., assignor.)
Peerless Laboratories, Inc. (See Drachman, M. J., and Stoye, assignors.)
Peerless Machine Company. (See Jensen, O. M., Wruk, and Whitley, assignors.)
Peerless Machinery Company, The. (See Glines, Frederick S., assignor.)
Peerless Manufacturing Corporation. (See Clark, Verdrie F., assignor.)
Peerless of America, Inc. (See Hoesel, Anthony F., assignor.)
Peerless Roll Leaf Co. (See Muller, John, assignor.)
Peery, Norman E., assignor to Shell Development Company, San Francisco, Calif. Lubricating composition. 2,223,793; Dec. 3.
Peet, William H., assignor to General Motors Corporation, Detroit, Mich. Punch press control. 2,193,880; Mar. 19.
Peevey, Dial R., Burkburnett, Tex. Adjustable bedclothes support. 2,210,255; Aug. 6.
Pegg, Edward H. R., Lakewood, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical precipitator device. 2,215,298; Sept. 17.
Peglow, Albert H., Cudahy, Wis. Device for wheel suspension. 2,193,881; Mar. 19.
Peglow, Albert H., Cudahy, Wis. Device for wheel suspension. 2,224,408; Dec. 10.
Pegram, George B., New York, N. Y., assignor to The Chemical Foundation, Incorporated. Distillation column. 2,218,342; Oct. 15.
Pehrson, Henry L., Rockford, assignor to Turner Brass Works, Sycamore, Ill. Handle for drawers and the like. 2,203,030; June 4.
Peik, Louis D., Mishawaka, Ind., assignor to The American Foundry Equipment Company, New York, N. Y. Direct impulse sandblast system. 2,204,618; June 18.

Peik, Louis D., Cleveland, Ohio, assignor to The American Foundry Equipment Company, New York, N. Y. Abrasive throwing or impelling apparatus. 2,212,451; Aug. 20.
Peiler, Karl E., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Suction cup feeder and method of feeding. 2,199,140; Apr. 30.
Peiler, Karl E., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Glass charge delivery apparatus and method. 2,209,018; July 23.
Peiler, Karl E., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for and method of circulating molten glass in a feeding container. 2,217,182; Oct. 8.
Peirce, George A., Westfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of color lakes. 2,195,258; Mar. 26.
Peirce, John R., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Record perforating device. 2,199,547; May 7.
Peirce, John R., deceased, New York, by A. C. Maby, Jamaica, and T. A. Gavin, Binghamton, executors, and T. E. Torkelson, Baldwin, assignors to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,199,548; May 7.
Peirce, Ralph S., Hinsdale, Ill. Road anchoring means. 2,187,912; Jan. 23.
Peirce, Ralph S., Hinsdale, Ill. Production of blanks for tamperproof seals. 2,199,113; Apr. 30.
Peirce, Ralph S., Hinsdale, Ill. Anchoring device. 2,203,178; June 4.
Peirce, Thomas A., Fort Worth, Tex. Zodiac reckoner. 2,201,742; May 21.
Pekkala, Adolf, New York, N. Y. Roach trap. 2,224,485; Dec. 10.
Pekks, Walter W. (See Downes, Jack J., assignor.)
Pelblad, Eric J. (See Strange, C. C., and Pelblad.)
Peletier, Lambertus A. (See van Dijck, W. J. D., Broeze, Peletier, and van Driel.)
Pelikan, Emil F., et al. (See Bolhofner, P., and Kuch, assignors.)
Pelikan, John M., Crafton, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical regulating apparatus. 2,187,523; Jan. 16.
Pelikan, John M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,207,108; July 9.
Pelikan, John M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,216,626; Oct. 1.
Pelikan, John M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Indicating circuit controller. 2,217,526; Oct. 8.
Pelikan, Kurt A. F., Jersey City, E. F. Schuelke, North Bergen, and D. von Mikusch-Buchberg, East Orange, assignors to Woburn Degreasing Company, Harrison, N. J. Introducing double bonds into aliphatic compounds. 2,198,884; Apr. 30.
Pelikan, Kurt A. F., Jersey City, and E. F. R. Schuelke, North Bergen, N. J., and J. F. Gerkens, Brooklyn, N. Y., assignors to Woburn Degreasing Company, Harrison, N. J. Introducing double bonds into organic compounds containing hydroxy groups. 2,209,065; July 23.
Pelkey, Louis N., Howell, Mich. Dental polishing machine. 2,202,299; May 28.
Pell, Sheldon. (See Di Mauro, Mauro, assignor.)
Pellam, John R., Newark, N. Y. Grader for vegetables, fruits or other articles. 2,207,131; July 9.
Pellam, John R., Newark, N. Y. Method and machine for separating materials. 2,220,540; Nov. 5.
Pellerano, Silvio, Brooklyn, N. Y., assignor to Garfield Manufacturing Company, Garfield, N. J. Composition for molding. 2,185,354; Jan. 2.
Pellerin, Lionel J., Lynn, Mass. Filling stand. 2,215,836; Sept. 24.
Pellnitz, Herman G. (See Wolf, J. B., and Pellnitz.)
Peloquin, Edward, Elizabeth City, N. C., assignor to Scott & Williams, Incorporated, New York, N. Y. Sinker operating means for knitting machines. 2,197,706; Apr. 16.
Pelosi, Nicholas, Newark, N. J., assignor to American Can Company, New York, N. Y. Control mechanism. 2,200,293; May 14.
Pelouch, James J., Cleveland, Ohio, assignor to The United States Air Compressor Company. Housing for containers. 2,212,749; Aug. 27.
Pelphrey, Harry, Detroit, Mich. Mechanism for lubricating worm gears. 2,186,269; Jan. 9.
Pelster, Lester H., New Haven, Mo. Trailer brake. 2,190,219; Feb. 13.
Peltier, Frank D., Indianapolis, Ind., assignor, by mesne assignments, to Philco Refrigerator Company, Philadelphia, Pa. Refrigerator door structure. 2,198,838; Apr. 30.
Peltier, Frank D., Indianapolis, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,210,496; Aug. 6.
Peltier, Frank D., and K. F. Schmidt, Indianapolis, Ind., assignors, by mesne assignments, to Philco Refrigerator Company, Philadelphia, Pa. Shelf and supports therefor. 2,201,114; May 14.
Pelton, Earl L. (See Stepehenson, W. T., and Pelton.)
Pelton, George E., Middleburg, Va. Ink fountain typing machines. 2,226,347; Dec. 24.

Peltz, Gordon M., Kew Gardens, assignor to H. M. Brooks, New York, N. Y., W. T. Gardner, Boston, Mass., and J. H. Nissley, Manheim, Pa., as trustees. Stoker. 2,191,219; Feb. 20.
Peltzer, Albert, Jr. (See Peltzer, Albert, and A., Jr.)
Peltzer, Albert, and A. Peltzer, Jr., Palo Alto, assignors to Merco Centrifugal Separator Co. Ltd., San Francisco, Calif. Process applicable to starch manufacture. 2,186,037; Jan. 9.
Pelz, Alfred E., assignor to E. A. Myers & Sons, Mt. Lebanon, Pittsburgh, Pa. Pin socket. 2,221,651; Nov. 12.
Pelzer, Harold H., et al. (See Leonardi, Sydney B., Jr., assignor.)
Pelzer, William, et al. (See Leonardi, Sydney B., Jr., assignor.)
Pemberton, Elmer, Huntington Park, Calif. Apparatus for melting fusible mateirals. 2,211,026; Aug. 13.
Pen-Chlor Incorporated. (See Dietz, K., and Frank, assignors.)
Pendergrast, Ralph J. (See Moutray, G. C., and Pendergrast.)
Pendleton, M. B., et al. (See Stevens, R. L., and Dallas, assignors.)
Penfield, Charles S., and U. M. Warren, Bakersfield, assignors to Shell Development Company, San Francisco, Calif. Mud wiper. 2,215,377; Sept. 17.
Penfold, Charles S., Bronson, Mich., assignor to Kingston Products Corporation, Kokomo, Ind. Electrical connection means. 2,200,294; May 14.
Pengilly, Joseph H., Los Angeles, J. G. Moyen, Glendale, H. A. Duvall, Los Angeles, L. G. Maechtlen, Beverly Hills, Calif., assignors to Square D Company, Detroit, Mich. Magnetic switch. 2,186,342; Jan. 9.
Penick, Arthur J. (See Davis, R. F., Penick, Kirby T., and A. J.)
Penick, Arthur J., et al. (See Martin, John R., assignor.)
Penick, Arthur J., et al. (See Park, Tracy S., assignor.)
Penick, Arthur J. (See Penick, Kirby T. and A. J.)
Penick, Arthur J., Houston, Tex. Seating tool. 2,187,840; Jan. 23.
Penick, Arthur J. and K. T., Houston, Tex. Wellhead. Re. 21,627; Nov. 19.
Penick, Arthur J. and K. T., Houston, Tex. Valve removing tool. 2,187,838; Jan. 23.
Penick, Arthur J. and K. T., Houston, Tex. Casing head. 2,187,839; Jan. 23.
Penick, Arthur J. and K. T., Houston, Tex. Wellhead. 2,213,503; Sept. 3.
Penick Arthur J. and K. T., Houston, Tex. Pressure control means for drilling apparatus. 2,213,504; Sept. 3.
Penick, Arthur J. and K. T., Houston, Tex. Valve assembly. 2,216,129; Oct. 1.
Penick, Arthur J. and K. T., Houston, Tex. Blowout preventer. 2,218,093; Oct. 15.
Penick, Arthur J. and K. T., Houston, Tex. Valve assembly. 2,219,271; Oct. 22.
Penick, Arthur J. and K. T., Houston, Tex. Pressure control tubing head. 2,223,702; Dec. 3.
Penick, Arthur J. and K. T., Houston, Tex. Valve mechanism. 2,224,446; Dec. 10.
Penick, Arthur J. and K. T., Houston, Tex. Valve assembly. 2,224,447; Dec. 10.
Penick & Ford, Ltd., Incorporated. (See Kesler, Carl C., assignor.)
Penick, Kirby T. (See Davis, R. F., Penick, Kirby T., and A. J.)
Penick, Kirby T., et al. (See Martin, John R., assignor.)
Penick, Kirby T., et al. (See Park, Tracy S., assignor.)
Penick, Kirby T. (See Penick, Arthur J. and K. T.)
Penick, Kirby T. and A. J., Houston, Tex. Blowout preventer. 2,193,110; Mar. 12.
Peninsular-Lurton Company. (See Taylor, James W., assignor.)
Peninsular Metal Products Corporation. (See Goin, George R., assignor.)
Penkala, Emil, assignor of one-half to Metal Trim Limited, London, England. Rolling profiled sections from sheet metal. 2,193,737; Mar. 12.
Penman, Frank R., Nacogdoches, Tex. Shutter grille. 2,225,885; Dec. 24.
Penn Electric Switch Co. (See Shaw, Burton E., assignor.)
Penn Electric Switch Co. (See Wood, Wilbur W., assignor.)
Penn, Frederic H., Dallas, Tex. Method and composition for improving milling products. 2,188,247; Jan. 23.
Penn, Frederic H., Dallas, Tex. Method and composition for improving milling products. 2,192,099; Feb. 27.
Penn, Frederic H., Dallas, Tex. Method and composition for improving milling products. 2,192,100; Feb. 27.
Penn, Frederic H., Dallas, Tex. Method and composition for bleaching milling products. 2,208,471; July 16.
Penn, Isidore, assignor to Carvin Bottlecap Corp., Brooklyn, N. Y. Closure for containers. 2,220,580; Nov. 5.
Penn, Melvin P., assignor to General Motors Corporation, Dayton, Ohio. Rotary compressor for refrigerating apparatus. 2,212,717; Aug. 27.
Penn, Ralph L., Cuyahoga Falls, R. W. Penn, Akron, and N. H. Nye, Cuyahoga Falls, assignors of one-fourth to E. J. McIlvried, Stow, Ohio. Cutting and joining sheet material. 2,185,647; Jan. 2.

Penn, Ralph W. (See Penn, Ralph L. and R. W., and Nye.)
Penn, William D., Dallas, Tex. Hearing aid apparatus. 2,191,398; Feb. 20.
Pennant Knitting Mills, Inc. (See Markowitz, Jack, assignor.)
Pennell, Ford, Webster Groves, Mo. Coupling or splicer. 2,210,096; Aug. 6.
Pennell, Ford, Webster Groves, Mo. Hoist. 2,217,453; Oct. 8.
Penner, Hans, Spandau, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Electric oscillatory circuits. 2,197,507; Apr. 16.
Penney, Gaylord W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ozone control for precipitators. 2,189,614; Feb. 6.
Penney, Gaylord W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Device for accelerating electrons to very high velocities. 2,193,602; Mar. 12.
Penney, Gaylord W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Charging dust at wire supports of electrical precipitators. 2,221,603; Nov. 12.
Penning, Frans M., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Method and device for measuring pressures. 2,197,079; Apr. 16.
Penning, Frans M., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn. Electronic device. 2,211,668; Aug. 13.
Pennington, Alfred V. (See Green, R. B., and Pennington.)
Pennington, Donald L., and W. L. Benedict, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,194,321; Mar. 19.
Pennock, Edward M., Excelsior, and E. E. Price, assignors to G. H. Tennant Company, Minneapolis, Minn. Surfacing machine. 2,207,225; July 9.
Pennock, Edward M., Excelsior, and E. E. Price, assignors to G. H. Tennant Company, Minneapolis, Minn. Abrading device. 2,208,684; July 23.
Pennock, Robert S., Fayetteville, and M. N. Russell, Syracuse, assignors to Pass & Seymour, Inc., Solvay, N. Y. Electric multiple outlet. 2,214,065; Sept. 10.
Pennsylvania Crusher Company. (See Stine, James E., assignor.)
Pennsylvania Furnace & Iron Co. (See Andersen, Christian S., assignor.)
Pennsylvania Furnace & Iron Co. (See Andersen, C. S., and Schellhammer, assignors.)
Pennsylvania Industrial Chemical Corporation. (See Burroughs, Samuel G., assignor.)
Pennsylvania Industrial Chemical Corporation. (See Burroughs, S. G., and Corkery, assignors.)
Pennsylvania Industrial Chemical Corporation. (See Corkery, Frank W., assignor.)
Pennsylvania Industrial Engineers. (See Ritts, A. V., and Olson, assignors.)
Pennsylvania Patents, Inc. (See Albright, Robert B., assignor.)
Pennsylvania Patents, Inc. (See Barton, Loy E., assignor.)
Pennsylvania Patents, Inc. (See Bowman, John M., assignor.)
Pennsylvania Patents, Inc. (See Clapp, Richard G., assignor.)
Pennsylvania Patents, Inc. (See Gilbert, Walter E., assignor.)
Pennsylvania Patents, Inc. (See Gluyas, Thomas M., Jr., assignor.)
Pennsylvania Patents, Inc. (See Pressley, Jackson H., assignor.)
Pennsylvania Patents, Inc. (See Thompson, Elmer O. assignor.)
Pennsylvania Patents, Inc. (See Travis, Charles, assignor.)
Pennsylvania Patents, Inc. (See Woods, Leslie J., assignor.)
Pennsylvania Petroleum Research Corporation. (See Fenske, M. R., and McCluer, assignors.)
Pennsylvania Petroleum Research Corporation. (See McCluer, W. B., and Fenske, assignors.)
Pennsylvania Railroad Company, The. (See Billstein, Arthur E. F., assignor.)
Pennsylvania Railroad Company, The. (See Elsey, Warren, R., assignor.)
Pennsylvania Railroad Company, The. (See Gleason, Joseph P., assignor.)
Pennsylvania Railroad Company, The. (See Hoke, Harry A., assignor.)
Pennsylvania Railroad Company, The. (See Jones, Lloyd B., assignor.)
Pennsylvania Railroad Company, The. (See Jones, L. B., and Strattan, assignors.)
Pennsylvania Railroad Company, The. (See Madden, William J., assignor.)
Pennsylvania Railroad Company, The. (See Meyer, Wendel J., assignor.)
Pennsylvania Railroad Company, The. (See Meyer, W. J., and Demarest, assignors.)
Pennsylvania Railroad Company, The. (See Miller, Robert N., assignor.)
Pennsylvania Railroad Company, The. (See Nonemaker, H. A., and Demarest, assignors.)
Pennsylvania Railroad Company, The. (See Seel, Max, assignor.)
Pennsylvania Research Corporation, The. (See Fenske, Merrell R., assignor.)
Pennsylvania Research Corporation. (See Hetzel, T. B., and Schweitzer, assignors.)
Pennsylvania Rubber Company. (See Humphrey, Walter E., assignor.)
Pennsylvania Salt Manufacturing Company. (See Cushing, Russell E., assignor.)
Pennzoil Company, The. (See Cavanaugh, George S., assignor.)
Penote, Vincent S., Euclid, Ohio. Clutch-operating mechanism. 2,186,653; Jan. 9.
Penote, Vincent S., Euclid, Ohio. Winch. 2,212,244; Aug. 20.
Penote, Vincent S., Euclid, Ohio. Joining intersecting tubular members. 2,219,599; Oct. 29.
Penoyer, Charles E. (See Saunders, H. F., and Penoyer.)
Penrod, Edward L., Detroit, Mich. Powder container and dispenser. 2,199,754; May 7.
Pense, Walter. (See Voss, A., and Pense.)
Pensel, George R., Amsterdam, N. Y. Production of leather. 2,226,579; Dec. 31.
Pensky, Irving, Brooklyn, N. Y. Tooth brush head. 2,185,867; Jan. 2.
Pentecost, William A., Oakland, Calif., assignor, by mesne assignments, to Toast-O-Lator Co. Inc., New York, N. Y. Toaster. 2,188,309; Jan. 30.
Penticoff, Merritt C. (See Polko, P. P., and Lebus, assignors.)
Pentland, Frank A. (See Sherwood, J. J., and Pentland.)
Penweld Corporation. (See Watson, Glenn W., assignor.)
Penweld Corporation. (See Watson, G. W., and Brannas, assignors.)
Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Automobile door locking control. 2,197,508; Apr. 16.
Peo, Ralph F., and G. M. Magrum, assignors to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,194,053; Mar. 19.
Peo, Ralph F., and S. C. Bliss, assignors to Houde Engineering Corporation, Buffalo, N. Y. Independent wheel suspension. 2,202,918; June 4.
Peo, Ralph F., H. L. Chisholm, Jr., and D. F. Linsley, assignors to Houde Engineering Corporation, Buffalo, N. Y. Transmission control system and mechanism. 2,221,199; Nov. 12.
People in the Territory of The United States. (See Catchings, T. F., Padget, and Dawsey.)
People in the Territory of the United States, Dedicated to the free use of the. (See Dearborn, Frederick E.)
People in the Territory of the United States, Dedicated to the free use of the. (See Eagleson, Craig, assignor.)
People in the Territory of the United States, Dedicated to the free use of the. (See Goldsworthy, Marion C.)
People in the Territory of the United States, Dedicated to the free use of the. (See Gould, S. P., and Whittier.)
People in the Territory of the United States, Dedicated to the free use of the. (See Leatherman, Martin.)
People in the Territory of the United States, Dedicated to the free use of the. (See Normann, Olav K.)
People in the Territory of the United States, Dedicated to the free use of the. (See Palkin, Samuel, assignor.)
People in the Territory of the United States, Dedicated to the free use of the. (See Smith, Lloyd E., assignor.)
People in the Territory of the United States, Dedicated to the free use of the. (See Ward, Kyle, Jr., assignor.)
People in the Territory of the United States, Dedicated to the free use of the. (See Watson, Paul D., assignor.)
People in the Territory of the United States, Dedicated to the free use of the. (See Webb, Byron H., assignor.)
People of the United States. (See Flynn, T. P., and Neils.)
People of the United States of America. (See Claborn, Houston V.)
People of The United States of America, The. (See Garstka, W. U., and Burt.)
People of the United States of America. (See King, J. E., and Powell.)
People of the United States of America, Dedicated to the free use of the. (See Bennett, Charles A., assignor.)
People of The United States of America, Dedicated to the free use of the. (See Flynn, T. P., and Neils.)
People of the United States of America, Dedicated to the free use of the. (See Hoglund, O. K., and Herbert.)
People of the United States of America, Dedicated to the free use of the. (See Humfeld, H., Kettering, and Elmquist.)
People of the United States of America, Dedicated to the free use of the. (See King, J. E., and Powell, assignors.)
People of the United States of America, Dedicated to the free use of the. (See Leatherman, Martin.)
People of the United States of America, Dedicated to the free use of the. (See McDonald, R. E., and Scholl.)
People of the United States of America, Dedicated to the free use of the. (See McKinney, Robert S., assignor.)
People of the United States of America, Dedicated to the free use of the. (See Phillips, M., and Goss.)

People of the United States of America, Dedicated to the free use of the. (See Schechter, M. S., and Haller.)
People of the United States of America, Dedicated to the Free Use of the. (See Shaw, Charles S.)
People of the United States of America, Dedicated to the free use of the. (See Thompson, Clifford J., assignor.)
People of the United States of America, Dedicated to the free use of the. (See Whittier, E. O., and Gould, assignors.)
Peoples Gas By-Products Corporation. (See Guthrie, Robert G., assignor.)
Peoples Gas By-Products Corporation. (See Guthrie, R. G., and Wilbor, assignors.)
Peoples Gas By-Products Corporation. (See Klapperich, Alfred J., assignor.)
Peoples Gas By-Products Corporation. (See Wittmann, Robert A., assignor.)
Peoples, John S., assignor of one-fourth to S. Hettler, Chicago, Ill. Apparatus of combustion. 2,200,861; May 14.
Peoples National Bank, The, et al., administrators. (See Musgrave, James R.)
Peoples-Pittsburgh Trust Company, executors. (See Foster, W. D., and Parmelee.)
Pep Shower Manufacturing Co. (See Brandfon, Samuel, assignor.)
Pepe, Anthony, et al. (See Crawford, Walter C., assignor.)
Peppard, Samuel T., Fullerton, assignor of one-half to L. C. Howe, Orange, Calif. Hydraulic line spooler. 2,192,201; Mar. 5.
Pepper, Henry L., New Orleans, La. Engine mounting for automobiles. 2,209,001; July 23.
Pepper, Robert K., and S. C. V. Pepper, Syracuse, N. Y. Power clutch unit. 2,210,598; Aug. 6.
Pepper, Samuel C. V. (See Pepper, Robert K., and S. C. V.)
Pepperdine, Ben, Chicago, Ill. Torque measuring wrench. 2,191,725; Feb. 27.
Pepsodent Co., The. (See Kuever, Rudolph A., assignor.)
Pepsodent Co., The. (See Long, Homer D., assignor.)
Pequignot, Lenord H. (See McWhirter, Ralph, assignor.)
Perbal, Albert C., St. Louis, Mo. Adjustable bracket structure. 2,200,518; May 14.
Perbal, Albert C., assignor of one-half to L. H. Cohn, St. Louis, Mo. Apparatus for cutting sheet material. 2,191,148; Feb. 20.
Percival, William S. (See Willans, P. W., Percival, White, and Osborne.)
Percival, William S., London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Thermionic amplifier circuits. 2,200,519; May 14.
Percival, William S., Ealing, London, assignor to Electric Musical Industries Limited, Hayes Middlesex, England. Thermionic valve repeating arrangement. 2,201,345; May 21.
Percival, William S., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Amplifying system. 2,210,497; Aug. 6.
Percival, William S., Ealing, England, assignor to Electric & Musical Industries Ltd. Electron discharge tube. 2,211,859; Aug. 20.
Percival, William S., London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England, Signaling system. 2,219,936; Oct. 29.
Percival, William S., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Directional wireless system employing pulses. 2,225,524; Dec. 17.
Percival, William S., Ealing, London, assignor to Electric & Musical Industries Limited Hayes, Middlesex, England. Thermionic valve circuit. 2,226,255; Dec. 24.
Percival, William S., Ealing, London, assignor to Electric Musical Industries Limited, Hayes, Middlesex, England. Electric wave filter for thermionic valve amplifiers. 2,226,739; Dec. 31.
Percival, William S., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, England. Signaling system. 2,227,197; Dec. 31.
Percy, John G., Jr., Buffalo, N. Y. Roofing construction. 2,210,599; Aug. 6.
Percy, Jones, Messrs., (Twinlock) Limited. (See Handler, Koloman, assignor.)
Percy, Joseph H., New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Separation of organic sulphonates. 2,204,969; June 18.
Pereles, Joseph L., Milwaukee, Wis. Button. 2,214,030; Sept. 10.
Pereny, Andrew, Columbus, Ohio. Ball mill. 2,212,452; Aug. 20.
Perera, Bamunuarchige V., Ipoh, Perak, Federated Malay States. Making relief maps. 2,189,592; Feb. 6.
Pereslegin, Anatol, New York, N. Y. Distributing attachment for conveyers. 2,219,055; Oct. 22.
Perey Manufacturing Company. (See Gersbach, Herbert A., assignor.)
Perfect Bond Asphalt Company. (See Dennis, Basil W., assignor.)
Perfect Circle Company, The. (See Bancroft, Richard H., assignor.)
Perfect Circle Company, The. (See Given, Fred H., assignor.)
Perfect Circle Company, The. (See Paton, Roy W., assignor.)
Perfect Circle Company. (See Teetor, Macy O., assignor.)
Perfect Manufacturing Company, The. (See Neufeld, Carl W., assignor.)
Perfect Thread Co. (See Waisman, Hyman, assignor.)
Perfection Steel Body Company, The. (See Brick, Perry A., assignor.)
Perfection Stove Company. (See Chadwick, Lee S., assignor.)
Perfection Stove Company. (See Chadwick, L. S., and Kessler, assignors.)
Perfection Stove Company. (See Kessler, C. J., and Kirkpatrick, assignors.)
Perfection Windshield Company. (See Rider, Irvin W., assignor.)
Perfex Corporation. (See Christiansen, William, assignor.)
Perfex Corporation. (See Cunningham, Lewis L., assignor.)
Perfex Corporation. (See Lindemann, Herbert E., assignor.)
Perfex Corporation. (See Luthe, Julius K., assignor.)
Perham, Deane E., Chicago, Ill. Air conditioning apparatus. 2,186,145; Jan. 9.
Perham, Deane E., and R. A. Whitney, Chicago, Ill.; said Perham assignor to said Whitney. Refrigeration. 2,207,333; July 9.
Perin, Donald W., New York, N. Y., assignor to R. W. Higgins, Greenfield, Mass. Variable speed transmission. 2,199,081; Apr. 30.
Perkins, Arthur R., Oneonta, N. Y. Vehicle frame and panel attaching means. 2,196,939; Apr. 9.
Perkins, Arthur R., Farmington, Mo. Smoking pipe. 2,215,014; Sept. 17.
Perkins, B. F., & Son, Inc. (See Getchell, Raymond E., assignor.)
Perkins, B. F., & Son, Inc. (See Lade, Archibald C., assignor.)
Perkins, B. F., & Sons, Inc. (See Senna, Samuel N., assignor.)
Perkins, Charles M. (See Staples, O. E., and Perkins.)
Perkins, Charles T., assignor to Modine Manufacturing Company, Racine, Wis. Air conditioning means for automobiles. 2,213,016; Aug. 27.
Perkins, Charles T., assignor to Modine Manufacturing Company, Racine, Wis. Air conditioner for automobiles. 2,213,017; Aug. 27.
Perkins, Charles T., assignor to Modine Manufacturing Company, Racine, Wis. Air conditioner for automobiles. 2,213,018; Aug. 27.
Perkins, Edwin C. (See Perkins, Paul R. and E. C.)
Perkins, Edwin H., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave amplifying system. 2,210,001; Aug. 6.
Perkins, F., Limited. (See Chapman, Charles W., assignor.)
Perkins, Frank N., Gadsden, Ala. Combined wire coiling block and reel. 2,217,966; Oct. 15.
Perkins, Frederick, Jamaica, assignor to Perkins Marine Lamp & Hardware Corp., New York, N. Y. Swivel device. 2,195,997; Apr. 2.
Perkins, Granville A., Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Making polyvinyl acetal resins. 2,194,613; Mar. 26.
Perkins, Harold A., Cohoes, assignor to New York Pressing Iron Company, Inc., New York, N. Y. Pressing device. 2,212,196; Aug. 20.
Perkins, Herbert. (See Blagden, W. M., and Perkins.)
Perkins, Herbert, Solihull, assignor to The Birmingham Small Arms Company Limited, Birmingham, England. Motor vehicle. 2,212,453; Aug. 20.
Perkins, Julian L., West Springfield, Mass. Wringer gear head structure. 2,201,242; May 21.
Perkins, Julian L., West Springfield, Mass., assignor to Perkins Machine and Gear Company. Wringer. 2,210,949; Aug. 13.
Perkins, Julian L., West Springfield, Mass., assignor to Perkins Machine and Gear Company. Pressure means for wringer rolls. 2,221,408; Nov. 12.
Perkins, Lyman G., Fresno, Calif. Wheel bearing for plows. 2,201,243; May 21.
Perkins Machine and Gear Company. (See Oakley, John, assignor.)
Perkins Machine and Gear Company. (See Perkins, Julian L., assignor.)
Perkins Marine Lamp & Hardware Corp. (See Perkins, Frederick, assignor.)
Perkins, Maynard F., assignor to Universal Oil Products Company, Chicago, Ill. Apparatus for retaining contact masses in tubular elements. 2,203,840; June 11.
Perkins, Melville F. (See Betterton, J. O., and Perkins.)
Perkins, Paul R. and E. C., Baltimore, Md. Reproducing strip photographs on sheets. 2,195,936; Apr. 2.
Perkins, Ralph P. (See Dreisbach, R. R., Britton, and Perkins.)
Perkins, Ralph P., assignor to The Dow Chemical Company, Midland, Mich. Salicylaldehyde purification. 2,190,607; Feb. 13.
Perkins, Ralph P., assignor to The Dow Chemical Company, Midland, Mich. Manufacture of di-(4-hydroxyphenyl)-dimethyl methane. 2,191,831; Feb. 27.
Perkins, Roscoe T., Springfield, Oreg. Roof shingle. 2,201,917; May 21.

Perkins, Willard T., and O. E. Trautmann, Irondequoit, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Projector. 2,200,637; May 14.
Perks, George W., et al. (See Hosterman, Harry L., assignor.)
Perlick, Albert, Pullach, near Munich, and A. Steinmetz, Frankfort-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Polymerizing acetylene. 2,202,919; June 4.
Perlman, David, New York, N. Y. Time interval indicating device. 2,210,337; Aug. 6.
Perman, Per E., Stockholm, Sweden. Safety valve. 2,206,425; July 2.
Perman, Per E., assignor of one-half to J. H. Walter, Stockholm, Sweden. Central cooling system. 2,197,315; Apr. 16.
Permatex Company. (See Benoit, Constant A., assignor.)
Permold Company, The. (See Fahlman, Everett G., assignor.)
Permutit Company, The. (See Applebaum, Samuel B., assignor.)
Permutit Company, The. (See Dean, John G., assignor.)
Permutit Company, The. (See Holmes, Eric L., assignor.)
Permutit Company, The. (See Liebknecht, Otto, assignor.)
Permutit Company, The. (See Liebknecht, O., and Corte, assignors.)
Permutit Company, The. (See Montgomery, James M., assignor.)
Permutit Company, The. (See Riley, Ray, assignor.)
Permutit Company, The. (See Vaughan, William, assignor.)
Pernot, Frederick E., and L. J. Rich, Los Angeles, Calif. Air conditioning apparatus. 2,225,795; Dec. 24.
Perony, Jean A., assignor to Societe d'Outillage Mecanique et d'Usinage d'Artillerie, Saint-Ouen, France. Hydraulic press. 2,197,441; Apr. 16.
Peropat, Anthony F. (See Roselius, L. W., and Peropat.)
Perosa Corporation. (See Adamoli, Carlo, assignor.)
Perras, Juliette, assignor of one-half to A. Vaughan, Montreal, Quebec, Canada. Manicure shield. 2,218,296; Oct. 15.
Perrelli, Joseph, Richmond, and R. H. Smilie, Berkeley, Calif. Peach pitter. 2,186,467; Jan. 9.
Perrenoud, Georges, Le Locle, Switzerland. Time fuse. 2,226,669; Dec. 31.
Perri, Angelo, Groveland, Mass., assignor to Montreal Shoe Machinery Co., Ltd., Montreal, Quebec, Canada. Assembling machine. 2,208,854; July 23.
Perrier, Edward G., Hunters Point, Quebec, Canada. Game. 2,189,922; Feb. 13.
Perrill, Charles V., Evanston, Ill. Basal metabolism machine. 2,192,799; Mar. 5.
Perrill, Harlan K., San Diego, Calif. Golf bag carrier. 2,210,632; Aug. 6.
Perrin, Arthur M., Brooklyn, assignor to National Conveyors Co. Inc., New York, N. Y. Pneumatic conveyer. 2,193,738; Mar. 12.
Perrin, Jay C., assignor to Towlsaver Inc., Los Angeles, Calif. Towel dispenser. 2,198,176; Apr. 23.
Perrin, Michael W. (See Fawcett, E. W., Gibson, and Perrin.)
Perrin, Michael W. (See Swallow, J. C., and Perrin.)
Perrin, Michael W., J. G. Paton, and E. G. Williams, Northwich, England, assignors to Imperial Chemical Industries Limited. Polymerization of olefins. 2,188,465; Jan. 30.
Perrin, Michael W., E. W. Fawcett, J. G. Paton, and E. G. Williams, Northwich, England, assignors to Imperial Chemical Industries Limited. Interpolymerization of ethylene. 2,200,429; May 14.
Perrin, Michael W., J. G. Paton, and E. G. Williams, Northwich, England, assignors to Imperial Chemical Industries Limited. Fibers from ethylene polymers. 2,210,774; Aug. 6.
Perrin, Michael W., J. G. Paton, and E. G. Williams, Northwich, England, assignors to Imperial Chemical Industries Limited. Film and its manufacture. 2,219,700; Oct. 29.
Perrin, René, assignor to Societe d'Electrochimie d'Electrometallurgie et des Acieries Electriques d'Ugine, Paris, France. Rapidly obtaining steels of high purity. 2,188,416; Jan. 30.
Perrin, René, assignor to Societe d'Electrochimie, d'Electrometallurgie et des Acieries Electriques d'Ugine, Paris, France. Manufacture of hematite cast iron. 2,203,179; June 4.
Perrin, René, assignor to Societe d'Electrochimie d'Electrometallurgie et des Acieries Electriques d'Ugine, Paris, France. Manufacture of steel. 2,207,109; July 9.
Perrine, Albert, Connellsville, Pa. Fuel injector for Diesel motors. 2,225,796; Dec. 24.
Perrine, John H. (See Jolly, S. E., and Perrine.)
Perrine, Lester E., assignor to General Motors Corporation, Detroit, Mich. Choke valve operating mechanism. 2,226,580; Dec. 31.
Perrine, Robert O. (See Defandorf, J. L., and Perrine.)
Perrine, Theodore D., Wittenberg, N. Y., assignor, by mesne assignments, to Research Corporation, New York, N. Y. Preparation of halogen derivatives of acetopropanol. 2,216,574; Oct. 1.
Perritt, Palmer, San Francisco, Calif. Typewriter attachment. 2,195,782; Apr. 2.
Perrott, Frank F. W. (See Moore, H. T., and Perrott.)
Perroux, George E. M., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Antenna network for vehicle guiding systems. 2,212,245; Aug. 20.
Perroux, Georges E. M., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Altitude guiding system for airplanes. 2,186,554; Jan. 9.
Perry, Albert C., Toledo, Ohio. Electrical switch. 2,210,775; Aug. 6.
Perry, Edmond J., Joliet, Ill., assignor to American Can Company, New York, N. Y. Sifter top container. 2,190,676; Feb. 20.
Perry, Ernest E., and F. A. Cameron, Worcester, Mass.; said Cameron assignor to said Perry. Silk screen printing machine. 2,207,818; July 16.
Perry, Eugene L., Rochester, Mich. Corrugated sheet. 2,209,537; July 30.
Perry, Eugene L., Rochester, Mich. Method and apparatus for forming articles from paper pulp. 2,221,200; Nov. 12.
Perry, George S., assignor of one-half to Walter Williams, Du Pont, Ga. Tree scarring device. 2,186,654; Jan. 9.
Perry, Harold, Stone, and A. W. Grotefeld, Stafford, assignors to Gilt Edge Safety Glass Limited, Stone, England. Process and apparatus for tempering glass. 2,199,511; May 7.
Perry, John, Seekonk, Mass., assignor to H & B American Machine Company. Feeding and tensioning mechanism for strand wrapping machines. 2,211,434; Aug. 13.
Perry, John, Seekonk, Mass., assignor to H & B American Machine Company. Spindle. 2,224,104; Dec. 3.
Perry, Judson A., assignor of fifty one-hundredths to G. D. Whitehurst, Norfolk, Va. Dusting device. 2,200,676; May 14.
Perry Knitting Company, The. (See Davis, Charles M., assignor.)
Perry, Murle, Minneapolis, Minn. Colostomy cup. 2,205,270; June 18.
Perry, Neigel R. (See Wellborn, R. B. Dye, and Perry.)
Perry, Price W., Glendale, Calif. Stepladder. 2,214,935; Sept. 17.
Perry, Richard G. (See Dreyfus, H., Finlayson, and Perry.)
Perry, Richard G. (See Finlayson, D., and Perry.)
Perry, Thurman M. (See Riggs, Joseph, assignor.)
Perry, Walter M. (See Drake, H. C., and Perry.)
Perry, Walter M. (See Jones, G. L., Perry, and De Lanty.)
Perry, William H. (See Seckendorf, R. P., Perry, and Beckett.)
Perry, William R., assignor to Reeves Pulley Company, Columbus, Ind. Rotation indicator. 2,222,987; Nov. 26.
Perryman, George H., Clifton, N. J. Table tennis bat. 2,191,287; Feb. 20.
Perryman, George H., Union City, N. J. Table tennis player. 2,199,009; Apr. 30.
Person, Algot E. (See Okesson, O. A., and Person.)
Person, Axel, assignor to Bay State Optical Company, Attleboro, Mass. Eyeglass construction. 2,209,827; July 30.
Persons, Lawrence M., assignor, by mesne assignments, to Automatic Control Corporation, St. Louis, Mo. Switch plate. 2,190,847; Feb. 20.
Persons, Lawrence M., St. Louis County, assignor to Automatic Control Corporation, St. Louis, Mo. Purging thermostats. 2,198,561; Apr. 23.
Persons, Lawrence M., assignor, by mesne assignments, to Automatic Control Corporation, St. Louis, Mo. Thermoresponsive device. 2,203,841; June 11.
Persons, Lawrence M., assignor, by mesne assignments, to Automatic Control Corporation, St. Louis, Mo. Building heating and cooling system. 2,206,119; July 2.
Persons, Lawrence M., assignor, by mesne assignments, to Automatic Control Corporation, St. Louis, Mo. Stoker control. 2,207,942; July 16.
Persons, Lawrence M., assignor, by mesne assignments, to Automatic Control Corporation, St. Louis, Mo. Blower control. 2,209,610; July 30.
Persons, Lawrence M., assignor, by mesne assignments, to Automatic Control Corporation, St. Louis, Mo. Circuit breaker. 2,209,611; July 30.
Persson, Eric S., Malmo, Sweden. Window having coupled sashes. 2,186,270; Jan. 9.
Persson, Eric S., Malmo, Sweden. Hinge. 2,187,464; Jan. 16.
Persson, Eric S., Malmo, Sweden. Window holder. 2,196,779; Apr. 9.
Persson, Eric S., Malmo, Sweden. Window. 2,221,058; Nov. 12.
Persson, Eric S., Malmo, Sweden. Folded blind. 2,221,059; Nov. 12.
Persson, Eric S., Malmo, Sweden. Window screen. 2,222,753; Nov. 26.
Persson, Henry, Newark, N. J. Flange jack. 2,213,227; Sept. 3.
Persson, Leroy, and M. Westling, San Luis Obispo, Calif. Motor lubricating device. 2,225,539; Dec. 17.
Peru Radio Laboratories, Inc. (See Smith, Howard H., assignor.)
Perugia, Andre, Paris, France. Footwear. 2,199,713; May 7.

Perugia, Andre, Paris, France, assignor to Saks & Company, New York, N. Y. Shoe. 2,208,104; July 16.
Peskin, Leonard C., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Spiral spring. 2,192,101; Feb. 27.
Peskin, Leonard C., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Prestretching of wire ropes and the like. 2,214,709; Sept. 10.
Pesqueira, Juventino J. (See Stern, I., Skolnikoff, Pesqueira, and Ostrolenk.)
Pestalozzi, Karl, assignor to Hasler A.-G. Werke für Telephonie und Prazisions-mechanik, Bern, Switzerland. Apparatus for the electric transmission at a distance of rotary velocities. 2,191,083; Feb. 20.
Pestarini, Joseph M., Turin, Italy. Power system. 2,203,544; June 4.
Petco, Inc. (See Toop, Frederick, assignor.)
Peter, Albin, assignor to Sandoz, Ltd., Basel, Switzerland. Anthraquinone dyestuffs and their manufacture. 2,226,909; Dec. 31.
Peter, Richard C., Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fingernail enamel composition. 2,195,971; Apr. 2.
Peterman, Theodore A., Tacoma, Wash. Vehicle. 2,194,322; Mar. 19.
Peterman, Theodore A., Tacoma, Wash. Vehicle suspension. 2,194,323; Mar. 19.
Peterman, Theodore A., Tacoma, Wash. Multiple wheel vehicle drive. 2,213,473; Sept. 3.
Peterman, William A., assignor to Galland-Henning Mfg. Co., Milwaukee, Wis. Malting apparatus. 2,202,536; May 28.
Peters, Allen F. (See Mulford, H. K., Paisley, and Peters.)
Peters, Ambrose A., Milwaukee, Wis. Coffee-making device. 2,190,270; Feb. 13.
Peters, Arthur H., Fort Wayne, Ind., assignor to American Ironing Machine Co., Algonquin, Ill. Ironing machine. 2,202,167; May 28.
Peters, Carl E., assignor to B-L Electric Manufacturing Company, St. Louis, Mo. Electric fence. 2,220,687; Nov. 5.
Peters, Carl R. (See Cutler, F. R., and Peters.)
Peters, Carl W., Caledonia, Wis. Sanitary device. 2,214,066; Sept. 10.
Peters, Charles F., Great Kills, Staten Island, N. Y. Bottle breaker device. 2,185,352; Jan. 2.
Peters, Edward F. (See Caldwell, W. B., and Peters.)
Peters, Edward F. (See Walberg, H. J., and Peters.)
Peters, Franklin T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ethanolamine hydrochloride softener for regenerated cellulose. 2,215,974; Sept. 24.
Peters, Franklin T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic structure and producing same. 2,221,383; Nov. 12.
Peters, George E. (See Russell, L. E., and Peters.)
Peters, George W., Scenic View, British Columbia, Canada. Handle for boxes or cartons. 2,194,232; Mar. 19.
Peters, Gerhard W., Cuyahoga Falls, assignor to The Clark Controller Company, Cleveland, Ohio. Across-the-line motor starter with cushioned start. 2,211,985; Aug. 20.
Peters, Jacob C., Jenkintown, assignor to Leeds & Northrup Company, Philadelphia, Pa. Radiation pyrometry. 2,199,082; Apr. 30.
Peters, Jacob H. (See Beason, Edward E., assignor.)
Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Assembling containers. 2,200,295; May 14.
Peters, Leo R., East Cleveland, Ohio, assignor to General Electric Company. Electric discharge lamp circuit. 2,212,427; Aug. 20.
Peters Machinery Company. (See Jurgens, E. G., and Becker, assignors.)
Peters, Mason E. (See Creswell, John W., assignor.)
Peters, Melville F., Riverdale, Md. Thermal protection for shielded ignition systems. 2,186,038; Jan. 9.
Peters, Melville F., Beltsville, Md. Solderless joint and method of making. 2,215,476; Sept. 24.
Peters, Melville F., and A. V. Astin, Washington, D. C. Radio shielded spark plug. 2,186,039; Jan. 9.
Peters, Melville F., and H. K. King, Washington, D. C. Method and apparatus for testing spark plugs. 2,192,932; Mar. 12.
Peters, Melville F., Beltsville, Md. and A. V. Astin, Wash., D. C. Thermal protection and radio shielding of spark plugs. 2,197,006; Apr. 16.
Peters, Norman J., assignor to Damrow Brothers Company, Fond du Lac, Wis. Rotary can washer. 2,189,451; Feb. 6.
Peters, Norman J., assignor to Damrow Brothers Company, Fond du Lac, Wis. Movable conductor support. 2,205,665; June 25.
Peters, Norman J., assignor to Damrow Brothers Company, Fond du Lac, Wis. Can handling apparatus. 2,214,797; Sept. 17.
Peters, Norman J., assignor to Damrow Brothers Company, Fond du Lac, Wis. Hinge. 2,224,232; Dec. 10.
Peters, Orville S., Chevy Chase, Md., assignor, by mesne assignments, to The Baldwin Locomotive Works. Recorder apparatus. 2,198,040; Apr. 23.
Peters, Orville S., Chevy Chase, Md., assignor, by mesne assignments, to The Baldwin Locomotive Works. Extensometer. 2,198,041; Apr. 23.
Peters, Otto A., assignor to Industrial Sheet Metal Works, Inc., Detroit, Mich. Paint spray booth. 2,227,272; Dec. 31.
Peters, Ottomar. (See Kuppenbender, H., Fischer, Henkel, Peters, and Mende.)
Peters and Russell, Inc. (See Russell, L. E., and Peters, assignors.)
Peters, Theodore R., and O. L. Mulloy, assignors to A. G. Blanchard, Shreveport, La. Pressure control valve. 2,191,726; Feb. 27.
Peters, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna stay arrangement. 2,204,026; June 11.
Peters, William A., and L. J. Stone, Chicago, Ill., assignors to The Bates Manufacturing Company, Orange, N. J. Card selecting mechanism. 2,223,966; Dec. 3.
Peters, William G., Oak Park, assignor to R. Groetchen, Chicago, Ill. Drive. 2,208,051; July 16.
Peters, William G., Oak Park, assignor to Richard Groetchen, Chicago, Ill. Feeding device. 2,211,835; Aug. 20.
Petersen, Carl M., deceased, Morrisville, by Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit control device. Re. 21,429; Apr. 16.
Petersen, Carl M., Morrisville, Pa., assignor to Leviton Manufacturing Company, Brooklyn, N. Y. Circuit connection combination. 2,201,743; May 21.
Petersen, Elmer W., Gary, Ind., assignor to B. W. Coltman, Kenilworth, Ill. Game. 2,219,546; Oct. 29.
Petersen, Frank C., Glen Ellyn, assignor to G. D. Ladd, Lockport, Ill. Strain relieving device. 2,189,865; Feb. 13.
Petersen, Gordon W., Menasha, Wis., assignor to International Cellucotton Products Company, Chicago, Ill. Tampon applicator. 2,222,088; Nov. 19.
Petersen, Hans, assignor to Storm Manufacturing Company, Inc., Minneapolis, Minn. Cylinder reboring machine. 2,213,885; Sept. 3.
Petersen, Henry O., Jackson, Mich. Massaging table. 2,193,882; Mar. 19.
Petersen, Herman, Lynbrook, assignor to M. Hohner, Inc., New York, N. Y. Shoulder strap for accordions and other musical instruments. 2,203,234; June 4.
Petersen, John W. (See Petersen, Peter F., assignor.)
Petersen, Kai, Buddinge Vaerk, Soborg, near Copenhagen, Denmark. Treating waste materials containing organic substances of animal or vegetable origin by mesophile or thermophile anaerobic conversion. 2,198,737; Apr. 30.
Petersen, Kai, Buddinge Vaerk, Søborg, near Copenhagen, Denmark. Making heated horticultural beds with heat-producing fertilizer. 2,216,500; Oct. 1.
Petersen, Kai, Soborg, near Copenhagen, Denmark. Treating household and town refuse and the like waste materials. 2,200,677; May 14.
Petersen, Maurice G., Centralia, Wash. Braking attachment. 2,215,765; Sept. 24.
Petersen, Ove. (See Lund, O., and Petersen.)
Petersen, Ove, and E. Sølver, Gentofte, near Copenhagen, Denmark. Two-stroke internal combustion engine. 2,223,898; Dec. 3.
Petersen Oven Company, The. (See Cook, John V., assignor.)
Petersen, Peter F., Tulsa, Okla., assignor, by Decree of Court, to John W. Petersen, Davenport, Iowa. Lawn mower. 2,210,002; Aug. 6.
Petersen, Siegfried, Cologne-Mulheim, Germany, assignor to General Aniline & Film Corporation. Improving the fastness of dyeings. 2,214,067; Sept. 10.
Petersen, Siegfried, O. Bayer, and C. Taube, Leverkusen-I. G. Werk, Germany, assignors to General Aniline & Film Corporation. Dyeings. 2,190,848; Feb. 20.
Petersen, Siegfried, Cologne-Mulheim, O. Bayer, and C. Taube, Leverkusen-I. G.-Werk, Germany, assignors to General Aniline & Film Corporation. Aftertreatment of dyed textile fibers. 2,218,924; Oct. 22.
Petersen, William, De Witt, Nebr. Wrench. 2,201,918; May 21.
Peterson, Adolphe C., Minneapolis, Minn. Pressure injection and driving internal combustion engine. 2,212,167; Aug. 20.
Peterson, Adolphe C., Minneapolis, Minn. Fuel injection and spraying internal combustion engine. 2,215,911; Sept. 24.
Peterson, Adolphe O., Minneapolis, Minn. Building system and unit. 2,193,566; Mar. 12.
Peterson, Albert C., assignor to Union Special Machine Company, Chicago, Ill. Apparatus for determining acceleration of a machine or the like. 2,199,672; May 7.
Peterson, Alfred G., Milton, Mass., assignor to The Kroger Grocery & Baking Company, Cincinnati, Ohio. Portable partition. Re. 21,531; Aug. 13.
Peterson, Alfred G., Milton, Mass., assignor to The Kroger Grocery & Baking Company, Cincinnati, Ohio. Collapsible enclosure. 2,219,272; Oct. 22.
Peterson, Alfred J. A., and L. W. Dyer, Wilkinsburg, and C. P. West, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,221,604; Nov. 12.

Peterson, Andrew B., assignor to Harbor Plywood Corporation, Hoquiam, Wash. Spreader machine. 2,211,435; Aug. 13.
Peterson, Arthur B., Chicago, Ill. Abrasive device. 2,197,224; Apr. 16.
Peterson, Arthur E., assignor to Chicago Forging & Manufacturing Co., Chicago, Ill. Hood latch. 2,193,111; Mar. 12.
Peterson, Arthur E., assignor to Chicago Forging & Manufacturing Co., Chicago, Ill. Hood latch. 2,193,112; Mar. 12.
Peterson, Arthur E., assignor to Chicago Forging & Manufacturing Co., Chicago, Ill. Hood latch. 2,203,876; June 11.
Peterson, Arthur E., assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Inside control hood latch keeper. 2,211,217; Aug. 13.
Peterson, Arthur H. (See Peterson, Clarence J. and A. H.)
Peterson, Arthur W., North Attleboro, assignor to Metals & Controls Corporation, Attleboro, Mass. Alloy. 2,223,046; Nov. 26.
Peterson, Arvid, assignor to De Laval Steam Turbine Company, Trenton, N. J. Pumping system. 2,194,054; Mar. 19.
Peterson, Axel H., Kewanee, Ill. Labeling machine for containers. 2,209,612; July 30.
Peterson, Burt A., assignor to Barber-Colman Company, Rockford, Ill. Winder. 2,190,106; Feb. 13.
Peterson, Burt A., assignor to Barber Colman Company, Rockford, Ill. Winder. 2,202,317; May 28.
Peterson, Burt A., assignor to Barber-Colman Company, Rockford, Ill. Winder. 2.210,498; Aug. 6.
Peterson, Carl D., Toledo, Ohio. Air cooled clutch construction. 2,205,629; June 25.
Peterson, Carl D., Toledo, Ohio. Synchronizing clutch. 2,216,322; Oct. 1.
Peterson, Carl D., Toledo, Ohio. Transmission gearing. 2,220,541; Nov. 5.
Peterson, Carl D., Toledo, Ohio. Two speed forward and two speed reverse transmission. 2,220,542; Nov. 5.
Peterson, Carl D., Toledo, Ohio. Selecting and shifting mechanism for transmission gearing. 2,220,543; Nov. 5.
Peterson, Carl E., Long Beach, Calif. Car mover. 2,188,483; Jan. 30.
Peterson, Carl U., Arlington, Va., assignor to General Electric Company. Piezo-electric device. 2,203,545; June 4.
Peterson, Charles W., Cincinnati, Ohio. Camera. 2,187,093; Jan. 16.
Peterson, Clarence J., Oildale, Calif. Pulverizer. 2,199,729; May 7.
Peterson, Clarence J., assignor to The Eimco Corporation, Salt Lake City, Utah. Rotary drum filter. 2,212,168; Aug. 20.
Peterson, Clarence J. and A. H., Meriden, Conn. Buffing wheel. 2,209,089; July 23.
Peterson, Clarence J. and A. H., Meriden, Conn. Buffing wheel. 2,226,256; Dec. 24.
Peterson, David. (See Carlson, G. W., and Peterson.)
Peterson, Du Wayne J., Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel burner control system. 2,192,858; Mar. 5.
Peterson, Edward A., assignor to The Geo. F. Cram Company, Indianapolis, Ind. Mounting for illuminated globes. 2,192,149; Feb. 27.
Peterson, Edward G., Rockford, Ill. Buffing device. 2,189,472; Feb. 6.
Peterson, Edward G., Rockford, Ill. Buffing head. 2,223,638; Dec. 3.
Peterson, Edward S., Elmwood Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,187,951; Jan. 23.
Peterson, Edward S., Elmwood Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,214,203; Sept. 10.
Peterson, Edward S., Elmwood Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,214,256; Sept. 10.
Peterson, Eric G., Glen Ridge, N. J., assignor to Peabody Engineering Corporation, New York, N. Y. Fuel burner. 2,190,190; Feb. 13.
Peterson, Eugene. (See Mathes, R. C., Peterson, and Dudley.)
Peterson, Eugene, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multiplex signaling by phase discrimination. 2,213,941; Sept. 3.
Peterson, Eugene, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing magnetic cores and coils. 2,214,625; Sept. 10.
Peterson, Ezra M., Ogden, Utah. Food receptacle. 2,215,274; Sept. 17.
Peterson, Floyd C., Midland, Mich., and L. E. Wise, Winter Park, Fla. Pulping process. 2,192,202; Mar. 5.
Peterson, Floyd C., Midland, Mich., and L. E. Wise, Winter Park, Fla. Pulping process. 2,218,479; Oct. 15.
Peterson, Frank O., Detroit, Mich. Stump sock. 2,202,598; May 28.
Peterson, Frederick H., Watertown, assignor to The Patent Button Company, Waterbury, Conn. Snap fastener attaching machine. 2,201,053; May 14.
Peterson, Frederick H., Watertown, assignor to The Patent Button Company, Waterbury, Conn. Metal vise for tack buttons. 2,207,022; July 9.
Peterson, Glen, Pasadena, Calif., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Reactance device. 2,185,355; Jan. 2.
Peterson, Glen, Pasadena, Calif., assignor to Geo-Frequenta Corporation. Geophysical prospecting. 2,190,324; Feb. 13.
Peterson, Gunnard P., assignor to The Risdon Manufacturing Company, Naugatuck, Conn. Powder can closure. 2,202,466; May 28.
Peterson, Gunnard P., assignor to The Risdon Manufacturing Company, Naugatuck, Conn. Lipstick holder. 2,212,573; Aug. 27.
Peterson, Gustav T., Chicago, Ill. Scraper. 2,202,264; May 28.
Peterson, Guy M., assignor to Cheney Bigelow Wire Works, Springfield, Mass. Cylinder paper making machine. 2,188,484; Jan. 30.
Peterson, Harold A., Scotia, N. Y., assignor to General Electric Company. Testing of electrical circuits. 2,205,173; June 18.
Peterson, Harold A., Minneapolis, Minn. Adjustable furniture leg caster cup. 2,206,120; July 2.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Transmission network. 2,196,272; Apr. 9.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Balanced diode circuit. 2,198,226; Apr. 23.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Ultra short wave apparatus. 2,201,199; May 21.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Antenna system. 2,217,623; Oct. 8.
Peterson, Harold O., and M. Katzin, Riverhead, N. Y., assignors to Radio Corporation of America. Signaling circuit. 2,192,715; Mar. 5.
Peterson, Henning, Galva, Ill. Straw collecting device. 2,221,719; Nov. 12.
Peterson, Henry C., Philomath, Oreg. Coupling pin. 2,224,522; Dec. 10.
Peterson, Isaac, Oakland, Calif. Hydraulic shovel. 2,205,490; June 25.
Peterson, James E., and E. Saul, Camden, N. J. Safety means for wringer rolls. 2,206,469; July 2.
Peterson, James H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing insoluble titanates. 2,218,655; Oct. 22.
Peterson, John A. (See Bentley, G. P., and Peterson.)
Peterson, John A. (See Carney, T. C., and Peterson.)
Peterson, John M., Kennett Square, Pa., assignor to Hercules Powder Company, Wilmington, Del. Reducing the viscosity of chlorinated rubber. 2,198,973; Apr. 30.
Peterson, Liss C., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,217,417; Oct. 8.
Peterson, Merle. (See Edwin, E., and Peterson.)
Peterson, Pontus, Hempstead, N. Y., assignor to International Cigar Machinery Company. Leaf cutter for cigar machines. 2,209,349; July 30.
Peterson, Ralph F., Woodbury, N. J., and P. G. Wrightsman, Chester, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitric acid concentration. 2,201,631; May 21.
Peterson, Ralph F., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of glycerol solutions. 2,215,189; Sept. 17.
Peterson, Ray. (See Le Tourneau, R. G., Peterson, and Isgren.)
Peterson, Roy E., Norwalk, and H. M. Larsen, Westport, assignors to the E. H. Hotchkiss Company, Norwalk, Conn. Machine for stapling diversified work. 2,185,751; Jan. 2.
Peterson, Shannon T., Laredo, Tex. Making forms. 2,224,196; Dec. 10.
Peterson, Thomas F., and H. W. Riddle, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Electrical cable. 2,212,700; Aug. 27.
Peterson, Van R. (See Cahoon, J. H., Hall, and Peterson.)
Peterson, Victor E., assignor to The Kawneer Company, Niles, Mich. Sash construction. 2,185,735; Jan. 2.
Peterson, Walker F., and A. U. Walter, assignors to Quiet Flow Devices, Inc., Baltimore, Md. Device for controlling the flow of liquids. 2,188,761; Jan. 30.
Peterson, Walter S., Denver, Colo. Fishhook. 2,192,800; Mar. 5.
Peterson, Wesley R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Superpolycarbonate. 2,210,817; Aug. 6.
Peterson, Willard D. (See Vittum, P. W., and Peterson.)
Peterson, Willard D., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic developer for color photography. 2,196,739; Apr. 9.
Peterson, William R. (See Hartman, C. H., and Peterson.)
Petit, Elmer T., St. Louis, Mo., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Manufacture of shoes. 2,221,879; Nov. 19.
Petit, William H. (See Williams, P. H., Ganger, Petit, and Davidson.)

Petitcolas, Pierre, Rouen, R. Goupil, St. Etienne-du-Rouvray, and J. Frenkiel and R. Senti, Rouen, France, assignors to Compagnie Nationale de Matieres Colorantes et Manufactures de Products Chimiques du Nord Reunies Etablissements Kuhlmann. Manufacture of water-insoluble dyestuffs and products obtained therefrom. 2,195,011; Mar. 26.

Petitjean, Clifford O., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Control mechanism. 2,192,016; Feb. 27.

Petkovic, Valentin A., Berlin, Germany. Box-shaped steel sleeper. 2,197,620; Apr. 16.

Petre, John N., assignor to Park Metalware Co. Inc., Orchard Park, N. Y. Screw driver attachment. 2,206,364; July 2.

Petricoff, Boris J., Hamilton, Ohio, assignor to The Philip Carey Manufacturing Company. Shredded fibrous stock and making same. 2,205,666; June 25.

Petrie, John L., assignor to Wheel Trueing Tool Company of Delaware, Detroit, Mich. Making diamond tools. 2,210,039; Aug. 6.

Petroe, Gregory A. (See Robson, H. L., and Petroe.)

Petroff, Strashimir A., New Dorp, Staten Island, N. Y. Microscopic slide holder. 2,226,778; Dec. 31.

Petrolator Corporation. (See Svenson, Ernest J., assignor.)

Petroleum Conversion Corporation. (See Nash, Arthur E., assignor.)

Petroleum Conversion Corporation. (See Sachs, Albert P., assignor.)

Petroleum Engineering, Incorporated. (See Raigorodsky, Paul M., assignor.)

Petroleum Engineering, Incorporated. (See Stover, William A., assignor.)

Petroleum Heat and Power Company. (See Thoresen, Ralph S., assignor.)

Petroleum Increase Corporation. (See Ricou, Clarence A., assignor.)

Petroleum Research Corporation. (See Howard, Roscoe D., assignor.)

Petrolite Corporation. (See Blair, C. M., Jr., and Boydstun, assignors.)

Petrolite Corporation. (See De Groote, Melvin, assignor.)

Petrolite Corporation. (See De Groote, M., and Keiser, assignors.)

Petrolite Corporation. (See De Groote, M., Keiser, and Blair, assignors.)

Petrolite Corporation. (See De Groote, M., Keiser, and Wirtel, assignors.)

Petrolite Corporation. (See De Groote, M., and Wirtel, assignors.)

Petrolite Corporation. (See Eddy, Harold C., assignor.)

Petrolite Corporation, Ltd. (See Blair, Charles M., Jr., assignor.)

Petrolite Corporation Ltd. (See Mahone, Francis D., assignor.)

Petrometer Corporation. (See Bierman, Daniel H., assignor.)

Petry, John, Long Island City, N. Y. Electrically lighted ornamental decorative device. 2,217,877; Oct. 15.

Petsch, Hermann, Recklinghausen in Westphalia, Germany. Regenerative coke oven. 2,203,285; June 4.

Petskeyes, Charles H., Davenport, assignor to Micro-Westco, Inc., Bettendorf, Iowa. Slicing machine. 2,217,812; Oct. 15.

Petskeyes, Charles H., Davenport, Iowa, and I. C. Gellman, assignors to Gellman Manufacturing Company, Rock Island, Ill. Loading and wrapping means. 2,221,996; Nov. 19.

Petter, Noel A., Los Angeles, Calif. Holding carton for confections. 2,210,302; Aug. 6.

Petters Limited. (See Brooks, Herbert, assignor.)

Petterson, Arvid, Pittsburgh, Pa. Descaling billets. 2,197,022; Apr. 16.

Pettibone Mulliken Corporation. (See Andersen, Oscar W., assignor.)

Pettinati, Lawrence V., New York, N. Y. Demountable wheel. 2,192,064; Feb. 27.

Pettit, Frank, Irvington, N. J., assignor to The Lionel Corporation, New York, N. Y. Combined truck and coupler unit. 2,213,286; Sept. 3.

Pettler, Eugene H., Beaver, Pa. Core structure for clay extruding dies. 2,188,984; Feb. 6.

Pettler, Mashel F., Beaver Falls, Pa. Slab separating device. 2,216,021; Sept. 24.

Petty, Byron T., Effingham, Ill. Garment hanger. 2,202,120; May 28.

Petty Diesel Engine Corporation. (See Petty, Vern R., assignor.)

Petty, John. (See Billings, H. J., Buron, and Petty.)

Petty, O. S., et al. (See Overall, Ernest C., assignor.)

Petty, Vern R., assignor to Petty Diesel Engine Corporation, Brooklyn, N. Y. Fuel metering and injecting device for internal combustion engines. 2,195,037; Mar. 26.

Petz, John L., C. W. Crumrine, and R. D. Dodge, Rochester, assignors to International Business Machines Corporation, New York, N. Y. Type soldering and aligning machine. 2,220,491; Nov. 5.

Petznick, Frank F., et al. (See Wert, Charles M., assignor.)

Petzold, Harold M., Portland, Oreg. Section clamp. 2,194,367; Mar. 19.

Petzold, Harold M., Portland, Oreg. Mailing piece. 2,224,607; Dec. 10.

Petzoldt, Hugo, Sanger, assignor of one-half to E. F. Hultquist, Reedley, Calif. Irrigation checking implement. 2,220,659; Nov. 5.

Pevere, Ernest F., Beacon, assignor to The Texas Company, New York, N. Y. Cutting oil. 2,186,271; Jan. 9.

Pevere, Ernest F., Beacon, L. A. Clarke, Fishkill, and G. B. Hatch, Beacon, assignors to The Texas Company, New York, N. Y. Alkylation of hydrocarbons. 2,223,938; Dec. 3.

Pew, Arthur E., Jr., Bryn Mawr, Pa., assignor, by mesne assignments, to Houdry Process Corporation, Wilmington, Del. Conversion of hydrocarbons. 2,197,007; Apr. 16.

Pew, Arthur E., Jr., Bryn Mawr, Pa., assignor, by mesne assignments, to Houdry Process Corporation, Wilmington, Del. Production of hydrocarbon fuels. 2,197,008; Apr. 16.

Pew, Arthur E., Jr., Bryn Mawr, Pa., assignor, by mesne assignments, to Houdry Process Corporation, Wilmington, Del. Conversion of higher boiling hydrocarbons. 2,197,009; Apr. 16.

Pew, Arthur E., Jr., Bryn Mawr, Pa., and R. C. Lassiat, Woodbury, N. J., assignors to Houdry Process Corporation, Wilmington, Del. Treatment of fluids. 2,217,703; Oct. 15.

Peyches, Yvan. (See Borel, E. V., and Peyches.)

Peyser-Hansen Machine Co. (See Peyser, L. F., and Hansen, assignors.)

Peyser, Henrietta B., et al., executrix. (See Peyser, Joseph.)

Peyser, Joseph, deceased, by H. B. Peyser, executrix, and H. J. Engel, executor, Mount Vernon, N. Y. Seaming machine. 2,193,981; Mar. 19.

Peyser, Leonard F., Mount Vernon, and R. C. Hansen, Eastchester, assignors to Peyser-Hansen Machine Co., Inc., Mount Vernon, N. Y. Dial feed mechanism. 2,191,806; Feb. 27.

Peyton, Bernard, Queens Village, N. Y. Signal device for vehicles. 2,204,027; June 11.

Peyton, Leonard T., and E. W. Gilkey, Seminole, Okla. Spudding machine. 2,220,271; Nov. 5.

Peyton, William C., New York, N. Y., assignor to The Standard Stoker Company, Inc. Demand meter having light sensitive control means. 2,206,751; July 2.

Peyton, William T., Dallas, and J. B. Bear, Denison, Tex.; said Bear assignor to said Peyton. Shock indicating device. 2,207,204; July 9.

Pezzillo, Albert R., Philadelphia, Pa. Fluid impelling or impelled device. 2,195,902; Apr. 2.

Pfaehler, Kurt. (See Engel, K., and Pfaehler.)

Pfaff, Kaspar, and M. Erlenbach, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Insecticide. 2,191,259; Feb. 20.

Pfaffenberger, Joachim. (See Dahl, O., Pfaffenberger, and Melchior.)

Pfaltzgraff Pottery Co., The. (See Landow, Myer S., assignor.)

Pfannmuller, Julius. (See Wallerstein, L., and Pfannmuller.)

Pfannmuller, Julius, North Plainfield, N. J., assignor to Wallerstein Company, Inc., New York, N. Y. Bating hides and skins. 2,190,484; Feb. 13.

Pfannmuller, Julius, North Plainfield, N. J., assignor to Wallerstein Company, Inc., New York, N. Y. Dehairing of skins and hides. 2,225,601; Dec. 17.

Pfannmuller, Julius, North Plainfield, and H. Schleich, New Dorp, Staten Island, assignors to Wallerstein Company, Inc., New York, N. Y. Treating hides, skins, and pelts. 2,212,750; Aug. 27.

Pfannschmidt, Rudolf, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 2,207,519; July 9.

Pfannschmidt, Rudolf, assignor to Siemens & Halske Aktiengesellschaft Siemensstadt, Berlin, Germany. Automatic telephone system. 2,211,159; Aug. 13.

Pfanstiehl, Carl. (See Devereux, A. R., and Pfanstiehl.)

Pfanstiehl, Carl, Highland Park, Ill., assignor of one-half to H. B. Babson. Vibratory element. 2,185,966; Jan. 2.

Pfanstiehl, Carl, Highland Park, Ill., assignor to Pfanstiehl Chemical Company. Straight line welding. 2,205,931; June 25.

Pfanstiehl, Carl, Highland Park, Ill., assignor to Pfanstiehl Chemical Company. Retarded welding device. 2,226,322; Dec. 24.

Pfanstiehl, Carl, Highland Park, and A. R. Devereux, Calumet City, Ill. Tip for small bases. 2,206,615; July 2.

Pfanstiehl Chemical Company. (See Pfanstiehl, Carl, assignor.)

Pfanstiel, Robert, Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Paint. 2,194,526; Mar. 26.

Pfarrwaller, Erwin, assignor to Tefag Textil-Finanz A. G., Winterthur, Switzerland. Selvage weaving. 2,185,308; Jan. 2.

Pfarrwaller, Erwin, assignor to Tefag-Textil-Finanz A.G., Winterthur, Switzerland. Weft thread feed mechanism. 2,221,384; Nov. 12.

Pfau, Max, assignor to Torpedo-Werke Aktiengesellschaft, Frankfort-on-the-Main, Germany. Typewriter. 2,209,705; July 30.

Pfaudler Co., The. (See Greene, Otto W., assignor.)

Pfaudler Co., The. (See Schanck, William D., assignor.)

Pfauser, Edward M., Elm Grove, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Packing. 2,188,957; Feb. 6.
Pfauser, Edward M., Elm Grove, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Coupling. 2,190,081; Feb. 13.
Pfauser, Edward M., Elm Grove, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Hydraulic power unit. 2,214,257; Sept. 10.
Pfauser, Edward M., Elm Grove, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Detachable conduit coupling. 2,218,318; Oct. 15.
Pfauser, Edward M., Elm Grove, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Adjustable extension. 2,218,319; Oct. 15.
Pfauser, Edward M., Elm Grove, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Jack illumination. 2,219,903; Oct. 29.
Pfauter, Michael, Chemnitz, Germany. Gear cutting or other milling machine. 2,208,804; July 23.
Pfautsch, Raymond V., assignor to Ilg Electric Ventilating Company, Chicago, Ill. Fan wheel. 2,212,041; Aug. 20.
Pfeffer, Henry W., Philadelphia, Pa., and H. O. Danz, assignors to American Blower Corporation, Detroit, Mich. Apparatus for dust collection. 2,188,206; Jan. 23.
Pfeffer, William E. (See Klein, M., and Pfeffer, assignors.)
Pfefferle, George H., assignor, by mesne assignments, to Dresser Manufacturing Company, Bradford, Pa. Stopping leaks in pipe lines. 2,188,302; Jan. 30.
Pfeifer, Frederick W., West Allis, Wis. Concrete block making machine. 2,218,767; Oct. 22.
Pfeiffer, Alfred P., Westfield, Mass. Greeting or advertising card device. 2,217,454; Oct. 8.
Pfeiffer, Gustave H. (See Spurlin, H. M., and Pfeiffer.)
Pfeiffer, Jacob F., Zurich, Switzerland, assignor to Wanderer-Werke vorm. Winklhofer & Jaenicke Akt.-Ges., Schonau, near Chemnitz, Germany. Typewriting machines. Re. 21,493; June 25.
Pfeiffer, Johan P., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Asphaltic bitumen. 2,225,570; Dec. 17.
Pfeiffer, Paul, Altona, Germany. Diesel monkey. 2,208,730; July 23.
Pfeiffer, William C., assignor to The Egry Register Company, Dayton, Ohio. Autographic register. 2,200,638; May 14.
Pfeiffer, William C., assignor to The Egry Register Company, Dayton, Ohio. Apparatus for the making of cross-feed records. 2,201,407; May 21.
Pfeil, Roy C. (See Athy, C. R., and Pfeil.)
Pfeilsticker, Karl, Stuttgart, assignor to W. C. Heraeus G. m. b. H., Hanau-on-the-Main, Germany. Method and apparatus for spectrum excitation. 2,212,950; Aug. 27.
Pfile, Charles, Oklahoma City, Okla. Control attachment for fishing lures. 2,213,019; Aug. 27.
Pfirrmann, Theodor W., Castrop-Rauxel, assignor to Friedrich Uhde, Dortmund, Germany. Production of liquid fuel. 2,213,407; Sept. 3.
Pfister, Arthur, Queens Village, N. Y., assignor to J. H. Hammond, Jr., Gloucester, Mass. Thyratron control. 2,224,832; Dec. 10.
Pfister, Haymo V., Martinsville, N. J. Boat construction. 2,217,076; Oct. 8.
Pfister, Haymo V., Martinsville, N. J., assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y. Diazo-amino composition. 2,213,655; Sept. 3.
Pfister, Hubert, Grafelfing, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Regulation of sound in low frequency circuits. 2,201,563; May 21.
Pfister, Hubert, Munich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Volume range control circuits. 2,216,454; Oct. 1.
Pfister, William A. (See Price, E., and Pfister.)
Pfizer, Charles, & Company. (See Pasternack, R., and Brown, assignors.)
Pfizer, Charles, & Company. (See Pasternack, R., and Cragwall, assignors.)
Pfizer, Charles, & Company. (See Pasternack, R., and Regna, assignors.)
Pflager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,193,007: Mar. 12.
Pflager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,222,321; Nov. 19.
Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,208,685; July 23.
Pflauder Co., The. (See Schanck, W. D., and Cudney, assignors.)
Pfleger, George T. (See Heyer, D., and Pfleger.)
Pfleger, George T. (See Mason, F., and Pfleger.)
Pfleger, George T. (See Myers, T. G., Pfleger, and Mason.)
Pfleger, George T., assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Submersible electric motor. 2,186,494; Jan. 9.
Pfleger, George T., assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Variable speed transmission device. 2,189,294; Feb. 6.
Pfleger, George T., Los Angeles, Calif., assignor to U. S. Electrical Motors, Inc. Variable speed drive system. 2,189,295; Feb. 6.
Pfleger, George T., Los Angeles, Calif., assignor to U. S. Electrical Motors, Inc. Variable speed electric motor drive. 2,211,986; Aug. 20.
Pfleiderer, Fritz, Berlin-Wilmersdorf, and B. Seiffert, Berlin-Charlottenburg, assignors to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 2,221,652; Nov. 12.
Pfleiderer, Georg. (See Riedl, H.-J., and Pfleiderer.)
Pfleiderer, Georg, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to W. H. Duisberg, New York, N. Y. Production of peroxides and valuable metal compounds. 2,215,856; Sept. 24.
Pflueger, Charles T., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Float. 2,221,168; Nov. 12.
Pflugk, Hellmuth. (See Buchheim, K., and Pflugk.)
Pfohl, Frank X. (See Bothe, M. C., and Pfohl.)
Pfohl, Lester J., Syracuse, N. Y. Electric outlet connection. 2,189,676; Feb. 6.
Pfuetzer, Georg, and H. Losch, Limburgerhof, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Influencing the color of tobacco leaves. 2,224,833; Dec. 10.
Pfund, August H., Baltimore, Md. Apparatus for detecting and measuring heteroatomic gases. 2,212,211; Aug. 20.
Pfundt, George M. (See Errig, W. F., and Pfundt.)
Pharis Tire & Rubber Company, The. (See Van Veen, George C., assignor.)
Pharma Chemical Corporation. (See Markush, E. A., Malawista, and Miller, assignors.)
Pharma-Craft Corporation, The. (See Teller, W. Kedzie, assignor.)
Pharo, Lee C., assignor to Johnson's Company, Thetford Mines, Quebec, Canada. Asbestos fiberizer. 2,219,077; Oct. 22.
Phelps, Alva W., and Edward J. Weinberg, Saginaw, assignors to General Motors Corporation, Detroit, Mich. Horn button assembly. 2,221,409; Nov. 12.
Phelps, Arthur G. (See Critchfield, R. M., and Phelps.)
Phelps, Burton W. (See Clark, R. R., and Phelps.)
Phelps, Clyde H. (See Weaver, I. A., and Phelps.)
Phelps Dodge Copper Products Corporation. (See Byers, Harry M., assignor.)
Phelps Dodge Copper Products Corporation. (See Del Mar, William A., assignor.)
Phelps Dodge Copper Products Corporation. (See Staples, Horace A., assignor.)
Phelps Dodge Corporation. (See Fuller, Richard B., assignor.)
Phelps Dodge Corporation. (See Osborn, W. H., and Crego, assignors.)
Phelps, George H., Floral Park, N. Y., assignor to Metropolitan Device Corporation. Electric riveting. 2,206,426; July 2.
Phelps. Henry V., Nitta Yuma, Miss. Hydraulic brake system jack operator. 2,195,874; Apr. 2.
Phelps, Hubert, Little Rock, Ark. Double door on pneumatic unloaders. 2,199,894; May 7.
Phelps, Hugh G., Milwaukee, Wis. Electric motor. 2,193,324; Mar. 12.
Phelps, William A., Dayton, Ohio. Electric razor. 2,204,444; June 11.
Phelps, William D., Merchantville, N. J., assignor to Radio Corporation of America. Signal translating apparatus. 2,200,097; May 7.
Phenicie, Clarence S. (See Pinkerton, H. D., and Phenicie.)
Philadelphia Drying Machinery Company. (See Becher, Harold H., assignor.)
Philadelphia Gear Works. (See Mageoch, Nelson H., assignor.)
Philadelphia Lawn Mower and Mfg. Co. (See Gillan, Francis L., assignor.)
Philadelphia Quartz Company. (See Ladwig, Alfred, assignor.)
Philadelphia Quartz Company. (See Vail, J. G., and Baker, assignors.)
Philadelphia & Reading Coal & Iron Company. (See Hagen, Hilmar R., assignor.)
Philadelphia and Reading Coal and Iron Company, The. (See Lasseter, Franklin P., assignor.)
Philadelphia Valve Company. (See Jensen, James A., assignor.)
Philco Corporation. (See Godschall, Charles H., assignor.)
Philco Corporation. (See Grimditch, William H., assignor.)
Philco Radio and Television Corporation. (See Albright, Robert B., assignor.)
Philco Radio and Television Corporation. (See Bingley, Frank J., assignor.)
Philco Radio and Television Corporation. (See Bobb, Lloyd J., assignor.)
Philco Radio & Television Corporation. (See Briggs, Joseph A., assignor.)
Philco Radio and Television Corporation. (See Montgomery, Andrew P., assignor.)

Philco Radio and Television Corporation. (See Pressley, Jackson H., assignor.)
Philco Radio and Television Corporation. (See Roberts, David, assignor.)
Philco Radio & Television Corporation. (See Stephan, Ingo L., assignor.)
Philco Radio and Television Corporation. (See Thomas, Harry E., assignor.)
Philco Refrigerator Company. (See Peltier, Frank D., assignor.)
Philco Refrigerator Company. See Peltier, F. D., and Schmidt, assignors.)
Philco Refrigerator Company. (See Schmidt, Karl F., assignor.)
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,188,893; Jan. 30.
Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,190,995; Feb. 20.
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Air conditioning system. 2,191,622; Feb. 27.
Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,191,623; Feb. 27.
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,199,415; May 7.
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,205,364; June 18.
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Air conditioning system. 2,222,236; Nov. 19.
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Air conditioning system. 2,222,237; Nov. 19.
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Air conditioning system. 2,222,238; Nov. 19.
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Air conditioning system. 2,222,239; Nov. 19.
Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Air conditioning system. 2,222,240; Nov. 19.
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Air conditioning system. 2,222,241; Nov. 19.
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Air conditioning system. 2,222,242; Nov. 19.
Philipps, Virgil J., assignor to A. Dalkin & Co., Chicago, Ill. Measuring and mixing valve. 2,216,890; Oct. 8.
Philips, Harlow D., assignor to Eastman Kodak Company, Rochester, N. Y. Lamp house construction. 2,186,618; Jan. 9.
Philips Metalix Corporation. (See Kloos. Gerard. assignor.)
Phillimore, Charles E., assignor to The Bell & Howell Company, Chicago, Ill. Photographic printing machine. 2,205,540; June 25.
Phillippi, Arthur K., Wilbraham, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Rotor. 2,221,605; Nov. 12.
Phillips, Charles J., assignor to Corning Glass Works, Corning, N. Y. Tempering glass. 2,198,739; Apr. 30.
Phillips, David J. P. (See Gaut, G. C., and Phillips.)
Phillips, David J. P. (See Gaut, G. C., Phillips, and Huggins.)
Phillips, Edmund J. (See Evans, J. M., and Phillips.)
Phillips, Elmer P., Oakland, Calif. Laboratory stand. 2,202,265; May 28.
Phillips, Fred C., Stoughton, Mass. Mechanism for applying calk-anchoring members to athletic shoes. 2,194,720; Mar. 26.
Phillips, George E., Leetsdale, assignor to National Electric Products Corporation, Pittsburgh, Pa. Marking electrical conductors. 2,186,555; Jan. 9.
Phillips, Gerald G., Independence, Mo. Fishhook extractor. 2,215,275; Sept. 17.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring. 2,197,983; Apr. 23.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston skirt drilling jig. 2,218,768; Oct. 22.
Phillips, Harold P., H. L. Heacock and H. Larsen, assignors to Hastings Manufacturing Company, Hastings, Mich. Piston ring assembly. 2,212,042; Aug. 20.
Phillips, Harold P., and E. L. Bauer, assignors to Hastings Manufacturing Company, Hastings, Mich. Ridge reamer for cylinders. 2,226,015; Dec. 24.
Phillips, Harry J., South Gate, Calif. Fluid can with resilient spout. 2,207,176; July 9.
Phillips, James G., Wink, Tex. Take-off tool for wells. 2,218,496; Oct. 15.
Phillips, John H., Jackson, Mich. Hose construction. 2,200,967; May 14.
Phillips, Joseph L., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Storage battery and its assembly. 2,205,992; June 25.

Phillips, Lester L., Pittsfield, Mass., assignor to General Electric Company. Joint for high tension cables. 2,222,718; Nov. 26.
Phillips, Max, Evansville, Wis., and M. J. Goss, Ashland, Ohio, dedicated to the free use of the People of the United States of America. Making fibrous molded products and materials. 2,190,909; Feb. 20.
Phillips, Michael J., Cleveland, Ohio, assignor to The Glenn L. Martin Company, Baltimore, Md. Valve. 2,204,048; June 11.
Phillips Petroleum Company. (See Auld, D. W., and Weber, assignors.)
Phillips Petroleum Company. (See Benz, G. R., and MacSporran, assignors.)
Phillips Petroleum Company. (See Carney, Samuel C., assignor.)
Phillips Petroleum Company. (See Cook, W. D., and Thomas, assignors.)
Phillips Petroleum Company. (See Crites, Wilbur J., assignor.)
Phillips Petroleum Company. (See Durkee, James D., assignor.)
Phillips Petroleum Company. (See Frey, F. E., and Fitch, assignors.)
Phillips Petroleum Company. (See Frey, F. E., and Hepp, assignors.)
Phillips Petroleum Company. (See Frey, F. E., Matuszak, and Snow, assignors.)
Phillips Petroleum Company. (See Frey, F. E., McKinney, and Wood, assignors.)
Phillips Petroleum Company. (See Frey, F. E., Snow, and Fitch, assignors.)
Phillips Petroleum Company. (See Gilbert, Lloyd A., assignor.)
Phillips Petroleum Company. (See Gregory, Lon S., assignor.)
Phillips Petroleum Company. (See Henry, R. W., and Montgomery, assignors.)
Phillips Petroleum Company. (See Jacobs, Bruno A., assignor.)
Phillips Petroleum Company. (See Krugler, A. D., and Lewis., assignors.)
Phillips Petroleum Company. (See Legatski, Harold R., assignor.)
Phillips Petroleum Company. (See Lerch, W. B., Mathis, and Gatchell, assignors.)
Phillips Petroleum Company. (See Lerch, W. B., White, and Gatchell, assignors.)
Phillips Petroleum Company. (See Miller, H., and Farrell, assignors.)
Phillips Petroleum Company. (See Norman, Pearl C. and K. C., assignors.)
Phillips Petroleum Company. (See Pyeatt, William H., assignor.)
Phillips Petroleum Company. (See Ralston, Robert L., assignor.)
Phillips Petroleum Company. (See Schulze, Walter A., assignor.)
Phillips Petroleum Company. (See Schulze, W. A., and Short, assignors.)
Phillips Petroleum Company. (Se Short, Graham H., assignor.)
Phillips Petroleum Company. (See Steele, Francis E., assignor.)
Phillips Petroleum Company. (See Thomas, Rosswell W., assignor.)
Phillips Petroleum Company. (See Youker, Malcolm P., assignor.)
Phillips Products Company. (See Mead, Homer A., assignor.)
Phillips, Robert S., assignor to American Hair & Felt Company, Chicago, Ill. Stitching mechanism. 2,217,967; Oct. 15.
Phillips, Rodney W. (See Stoner, H. B., and Phillips.)
Phillips, Ross M. G., West Haven, Conn. Hydraulic brake system. 2,189,403; Feb. 6.
Phillips, Roy, Dallas, Tex. Plaster retaining structure. 2,194,055; Mar. 19.
Phillips, Roy, Dallas, Tex. Flexible suspension for wall and ceiling finishes. 2,212,126; Aug. 20.
Phillips, Thomas D., Denver, Colo., assignor of fifty per cent to L. Montaldo, New York, N. Y. Lighting fixture. 2,202,266; May 28.
Phillips, Thomas W., Saginaw, Mich. Wire insulation cutting and stripping device. 2,217,077; Oct. 8.
Phillips, William M., Macon, Ga. Waste retainer. 2,218,436; Oct. 15.
Philplug Products Limited. (See Clow, Alfred C., assignor.)
Philpott, La Verne R., Washington, D. C. Cathode ray sweep circuit. 2,218,549; Oct. 22.
Phinney, Edward D., Mount Vernon, N. Y., assignor to Process Management Company Inc. Treatment of hydrocarbon oils. 2,205,434; June 25.
Phinney, Robert M., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system. 2,215,407; Sept. 17.
Phinney, Robert M., assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,223,126; Nov. 26.
Phinney, Robert M., Rochester, and F. B. Hitchcock, Greece, assignors to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,201,973; May 21.

Phipps, George S., Morristown, and E. E. Schumacher, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wiping solder. 2,191,624; Feb. 27.
Phipps, John T., Huntington Park, assignor to H. C. Smith, Whittier, Calif. Coring and drilling device. 2,189,923; Feb. 13.
Phoenix Hosiery Company. (See Ludwig, Johannes P., assignor.)
Phoenix Hosiery Company. (See Thierfelder, Harry A., assignor.)
Phoenix Steel Boiler Works, Inc. (See Bernhard, John B., assignor.)
Phonograph Needle Mfg. Company. (See Moody, W. S., Jr., and Lemoi, assignors.)
Phosphate Acidulating Corporation. (See Jones, F. C., and Guilfoyle, assignors.)
Phosphate Recovery Corporation. (See Tartaron, Francis X., assignor.)
Phosphate Recovery Corporation. (See Tartaron, F. X., and Harrison, assignors.)
Photoelectric Business Machines, Inc. (See Gould, Merle E., assignor.)
Photosculpture Limited. (See Jeffreys, Sidney T., assignor.)
Photostat Corporation. (See Landrock, Paul, assignor.)
Photostat Corporation. (See Landrock, P., and Caps, assignors.)
Physicians Appliance Company. (See Merritt, Ralph E., assignor.)
Piacentini, Marcello, Genoa, Italy. Signaling system for night landing of aircraft. 2,221,606; Nov. 12.
Piano Master, Inc. (See Rupp, Carl F. H. and H. E., assignors.)
Piatanesi, F., Accordion Mfg. Co. (See Marushko, Nicholai, assignor.)
Piazze, Thomas E., assignor, by mesne assignments, to Marshall & Ilsley Bank, Milwaukee, Wis. Making bags. 2,197,112; Apr. 16.
Piazze, Thomas E., assignor, by mesne assignments, to Marshall & Ilsley Bank, Milwaukee, Wis. Bag assemblage. 2,197,113; Apr. 16.
Pica, Daniel, assignor to F. Kemptner, Chicago, Ill. Spring suspension. 2,203,392; June 4.
Picard, John B. (See Mahan, J. R., and Picard.)
Picard, John B., Toledo, Ohio, assignor to The National Supply Company, Pittsburgh, Pa. Band wheel construction. 2,187,693; Jan. 16.
Picard, René, Paris, and A. Bonnet, Villeurbanne, France, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Formation of threads and the like. 2,224,693; Dec. 10.
Picco, John, New York, N. Y. Nonsinkable craft. 2,201,788; May 21.
Picha, Emil, assignor to Toro Manufacturing Corporation of Minnesota, Minneapolis, Minn. Mowing machine for bent turfs. 2,204,256; June 11.
Picha, Emil H., St. Paul, Minn. Motor driven flexible mower. 2,207,353; July 9.
Pichler, Helmut. (See Fischer, F., and Pichler.)
Pickel, Frank D. (See Price, D., and Pickel.)
Picker X-Ray Corporation Waite Manufacturing Division, Inc. (See Goldfield, E. R., and Horsley, assignors.)
Picker X-Ray Corporation Waite Manufacturing Division, Inc. (See Graves, Edward B., assignor.)
Pickering Governor Company, The. (See Crafts, I. M., and Taylor, assignors.)
Pickett, Frank M., Darien, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Guide for paper cutters. 2,197,260; Apr. 16.
Pickford, George, and B. S. Lee, Beverly, Mass., assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Impregnating apparatus. 2,222,630; Nov. 26.
Pickop, George B., assignor to The New Haven Vibrator Company, Inc., New Haven, Conn. Vibrator. 2,220,614; Nov. 5.
Pickstone, Montague T., London, England, assignor to The Superheater Company, New York, N. Y. Multitubular heat interchanger. 2,196,683; Apr. 9.
Pickstone, Montague T., London, England, assignor to The Superheater Company, New York, N. Y. Cooling, drying and reheating compressed air. 2,209,661; July 30.
Pickup, George E., Newark, Ohio, assignor to Newark Stove Company. Fuel supply mechanism for gasoline stoves. 2,191,727; Feb. 27.
Pickworth, John W., Bronxville, N. Y. Device for indicating the resultant of two selectively combined items. 2,221,924; Nov. 19.
Pidgeon, Elmer F., Spiceland, Ind. Window shade shield and bracket. 2,224,796; Dec. 10.
Pidot, Samuel L., Chicago, Ill. Display rack. 2,227,152; Dec. 31.
Piehl, Charles T., Batavia, N. Y. Pot type oil burning space heater. 2,204,694; June 18.
Pienzak, John, Deming, N. Mex. Album for collection of stamps, etc. 2,193,296; Mar. 12.
Piepenburg, Albert F. (See Massey, P. J., Gardner, and Piepenburg.)
Pieper, Alphonse F., et al. (See Meitzler, Charles R., assignor.)
Pieper, Alphonse F., Brighton, N. Y. Unitary dental apparatus. 2,214,774; Sept. 17.
Pieper, Alphonse F., Brighton, N. Y. Lighting unit. 2,215,531; Sept. 24.
Pieper, Alphonse F., Brighton, N. Y. Electric lamp. 2,223,873; Dec. 3.
Pieper, Alphonse F., Brighton, N. Y. Electric fixture. 2,223,874; Dec. 3.
Pieper, Charles. (See Morse, A. H., and Pieper.)
Pieper, Oscar H., et al. (See Meitzler, Charles R., assignor.)
Pieper, Oscar H., Rochester, N. Y. Unitary dental apparatus. 2,214,775; Sept. 17.
Pieper, Paul, Luxemburg, Luxemburg. Hair dressing comb. 2,206,365; July 2.
Pieplow, Hans W., Berlin, Germany, assignor to General Electric Company. Electric valve circuit. 2,199,246; Apr. 30.
Pieplow, Hans W., Berlin, Germany, assignor to General Electric Company. System for amplification of direct voltages. 2,226,288; Dec. 24.
Pieplow, Hanswerner, assignor to Allgemeine Elektricitats-Gesellschaft, Berlin, Germany. Saw toothed wave generator. 2,195,972; Apr. 2.
Pier, Mathias, Heidelberg, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of low boiling motor fuels. 2,203,842; June 11.
Pier, Mathias, Heidelberg, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Recovery or production of unitary cyclic compounds. 2,221,410; Nov. 12.
Pier, Mathias, Heidelberg, F. Christmann, Ludwigshafen-on-the-Rhine, A. Eisenhūt, Heidelberg, and W. Hirschberger, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Products of hydrocarbons. 2,189,924; Feb. 13.
Pier, Mathias, Heidelberg, L. Boente, Ludwigshafen-on-the-Rhine, and A. Eisenhūt, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture or recovery of polynuclear carbon compounds. 2,190,191; Feb. 13.
Pier, Mathias, Heidelberg, and W. Simon and W. Kroenig, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J. Reaction on carbonaceous materials with hydrogenating gases. 2,191,156; Feb. 20.
Pier, Mathias, Heidelberg, and W. Simon and W. Berger, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J. Production of lower boiling hydrocarbons from heavy hydrocarbons. 2,191,157; Feb. 20.
Pier, Mathias, Heidelberg, and W. Simon and P. Jacob, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J. Catalytic treatment of combustible carbonaceous materials. 2,194,186; Mar. 19.
Pier, Mathias, Heidelberg, and F. Christmann, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Polymerized hydrocarbon composition. 2,197,768; Apr. 23.
Pier, Mathias, Heidelberg, and F. Christmann, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Lubricant and making the same. 2,197,769; Apr. 23.
Pier, Mathias, Heidelberg, and F. Christmann, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Cracking hydrocarbon mixtures. 2,203,470; June 4.
Pier, Mathias, Heidelberg, and E. Anthes, Ludwigshafen-on-the-Rhine, assignors, by mesne assignments, to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of shaped catalysts. 2,204,619; June 18.
Pier, Mathias, Heidelberg, and W. Kroenig, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J. Low temperature hydrogenation process. 2,206,729; July 2.
Pier, Mathias, Heidelberg, and E. Donath, Mannheim, Germany, assignors to Standard-I. G. Company, Linden, N. J. Production of valuable hydrocarbon products by the extraction of solid carbonaceous materials. 2,215,190; Sept. 17.
Pier, Mathias, and K. Schoenemann, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of polynuclear carbon compounds. 2,216,130; Oct. 1.
Pier, Mathias, and K. Schoenemann, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of polynuclear carbon compounds. 2,216,131; Oct. 1.
Pier, Mathias, and K. Schoenemann, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production or recovery of unitary polynuclear carbon compounds. 2,216,132; Oct. 1.
Pier, Mathias, Heidelberg, W. Urban, Gelsenkirchen-Buer, and E. Donath, Mannheim, Germany, assignors to Standard-I. G. Company, Linden, N. J. Production of valuable carbonaceous substances. 2,221,952; Nov. 19.

Pier, Mathias, Heidelberg, W. Kroenig, Ludwigshafen-on-the-Rhine, and W. Jaeckh, Heidelberg, Germany, assignors, by mesne assignments, to W. E. Currie, New York, N. Y. Splitting up of extracts obtained from solid carbonaceous materials. 2,223,184; Nov. 26.

Pier, Mathias, Heidelberg, and W. Simon, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to W. E. Currie, New York, N. Y. Cracking or pressure hydrogenation of hydrocarbons. 2,224,003; Dec. 3.

Pieragostini, Tazio D. (See Rossini, C., and Pieragostini.)

Pierce, Alan E. (See Lecher, H. Z., and Pierce.)

Pierce, Charles H., Gilroy, Calif. Block attachment for hydraulic lifts. 2,215,934; Sept. 24.

Pierce, Earl R. (See Rasmussen, O., and Pierce.)

Pierce, Earl R., and G. K. Hause, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Hydraulic brake wheel cylinder. 2,212,246; Aug. 20.

Pierce, Edward B. (See Pruitt, Shannon E., assignor.)

Pierce, Erold F., Pines Lake, N. J., assignor to Wright Aeronautical Corporation. Multispeed supercharger. 2,203,843; June 11.

Pierce, Frank H., assignor of thirty per cent to S. E. Witt, New York, N. Y. Photography and improved means for securing the same. 2,207,411; July 9.

Pierce, George E., Anchorage, assignor to himself and A. F. Robert, Louisville, Ky. Hydraulic actuated frictional brake system. 2,193,377; Mar. 12.

Pierce, Gilbert L., Columbus, Ohio, assignor, by mesne assignments, to The Todd Company, Inc., Rochester, N. Y. Printing press. 2,214,751; Sept. 17.

Pierce, Gilbert L., assignor to The Todd Company, Inc., Rochester, N. Y. Sheet feeding mechanism. 2,214,752; Sept. 17.

Pierce, Glen O., Detroit, Mich. Instruction device for band instruments. 2,225,084; Dec. 17.

Pierce, Glenn W. (See Boyce, Hiram H., assignor.)

Pierce Governor Company. (See Kemp, William E., assignor.)

Pierce Governor Company. (See McCullough, Neel M., assignor.)

Pierce, Harold C., Pomona, Calif. Rail car mover. 2,204,000; June 11.

Pierce, Harold S., Indianapolis, Ind., assignor to Link-Belt Company. Heavy duty drive chain. 2,199,292; Apr. 30.

Pierce, Howard M., and J. H. Hermson, Brooklyn, assignors to A. G. Spalding & Bros. Inc., New York, N. Y. Sole plate. 2,192,150; Feb. 27.

Pierce, Howard M., and J. H. Hermson, Brooklyn, assignors to A. G. Spalding & Bros. Inc., New York, N. Y. Cleat. 2,223,794; Dec. 3.

Pierce, James B., Jr., Charleston, assignor to Standard Ultramarine Company, Huntington, W. Va. Purifying brines. 2,191,411; Feb. 20.

Pierce, James E. (See Dreisbach, R. R., and Pierce.)

Pierce, John B., Foundation. (See Davison, Robert L., assignor.)

Pierce, John B., Foundation. (See Groeniger, William C., assignor.)

Pierce, John B., Foundation. (See Morten, Louis G., assignor.)

Pierce, John B., Foundation. (See Strong, William E. S., assignor.)

Pierce, John R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,207,354; July 9.

Pierce, John R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,207,356; July 9.

Pierce, John R., and G. K. Teal, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,200,722; May 14.

Pierce, Lawrence, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reset overload relay. 2,195,012; Mar. 26.

Pierce, Lawrence, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Switching device. 2,208,387; July 16.

Pierce, Lawrence, Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermal overload relay. 2,214,626; Sept. 10.

Pierce, Louis B., Klamath Falls, Oreg. Lamp guard and support. 2,225,391; Dec. 17.

Pierce, Lucien, Malden, Mass. Control mechanism for washing machines. 2,206,330; July 2.

Pierce, Lucien, Malden, Mass. Dosing mechanism. 2,206,331; July 2.

Pierce, Lucien, Malden, Mass., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Method of and mechanism for operating a drying apparatus. 2,224,608; Dec. 10.

Pierce, Mark A. (See Brown, J. W., and Pierce.)

Pierce, Raymond C., Chicago, Ill. Energy absorbing device. 2,190,996; Feb. 20.

Pierce, Raymond C., Chicago, Ill., and E. P. Kinne, Alliance, Ohio, assignors, by mesne assignments, to said Pierce. Draft gear. 2,205,066; June 18.

Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Winding apparatus. 2,185,309; Jan. 2.

Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Wire winding apparatus. 2,187,841; Jan. 23.

Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Reel lifting means. 2,190,849; Feb. 20.

Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Manufacture of Venetian blinds. 2,200,605; May 14.

Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Apparatus for handling coils of wire. 2,206,121; July 2.

Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Manufacture of resilient springs. 2,208,052; July 16.

Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Expansible cover. 2,211,478; Aug. 13.

Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Reel jack. 2,215,651; Sept. 24.

Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Wire drawing machine. 2,226,016; Dec. 24.

Pierce, Walter L. (See Majusick, Walter, assignor.)

Pierce, Winslow S., Jr., Bayville, N. Y. Indicator support. 2,219,370; Oct. 29.

Piercy, Carl A., Ballston, N. Y., assignor to General Electric Company. Filling lead presses in the manufacture of cable sheaths. 2,188,794; Jan. 30.

Piercy, Carl A., Ballston Lake, N. Y., assignor to General Electric Company. Fluid filled cable. 2,196,026; Apr. 2.

Piercy, Carl A., Ballston Lake, N. Y., assignor to General Electric Company. Controlling liquid pressure in riser cables. 2,220,728; Nov. 5.

Piercy, Carl A., Ballston Lake, and E. L. Crandall, Scotia, N. Y., assignors to General Electric Company. Degasifying liquid for electrical insulating purposes. 2,201,870; May 21.

Piercy, Earl R., assignor to Thomas & Skinner Steel Products Company, Indianapolis, Ind. Apparatus for spot-hardening. 2,193,770; Mar. 12.

Pieri, Pompeo, New York, N. Y. Double window construction for automobiles. 2,186,990; Jan. 16.

Pierick, William F. (See Lampe, Joseph C., assignor.)

Pierik, Jan, Indianapolis, Ind. Rotary tool chuck. 2,203,967; June 11.

Pierle, Henry C., and W. F. Groene, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Taper attachment for lathes. 2,198,090; Apr. 23.

Pierotti, Joseph, Oakland, and O. C. Johnson, Piedmont, Calif.; said Johnson assignor to said Pierotti. Refrigerant compressor. 2,209,090; July 23.

Pierron, Noël, Clichy, and P. Aubry, assignors to Pathé Cinema, Anciens Établissments Pathé Frères, Paris, France. Electric arc. 2,205,067; June 18.

Piers, Bertrand H. (See Tucker, A. W., and Piers.)

Pierson, Benjamin J., Johnstown, N. Y., assignor, by mesne assignments, to Formrite Bacon Press Corporation, Colonie, N. Y. Attachment for presses. 2,186,495; Jan. 9.

Pierson, Galen M., El Paso, Tex. Smoking appliance. 2,196,121; Apr. 2.

Pierson, George, Chaska, assignor of one-half to J. A. Diethelm, Victoria, Minn. Beet harvester. 2,197,225; Apr. 16.

Pierson, Irving R., New Haven, and A. Amrhyn, Hamden, Conn., assignors of one-third to Goulard & Olena, Inc., New York, N. Y. Spreader. 2,219,505; Oct. 29.

Pierson, Ralph C. (See De Motte, M. P., Baker, and Pierson.)

Pierson, Ralph C. (See Kehl, R. J., and Pierson.)

Pierson, Ridgely B., Quincy, Ill. Method of and apparatus for producing measured lengths of cloth. 2,208,774; July 23.

Pierson, Torvald N., Kansas City, assignor to Gleaner Harvester Corporation, Independence, Mo. Grain pan raising and lowering mechanism. Re. 21,340; Jan. 30.

Pierson, William D. (See Walsh, R. E., Van Valkenburg, and Pierson.)

Piesco, Nicholas, Westfield, N. J. Game device. 2,220,492; Nov. 5.

Pieth, Peter. (See Straub, F., and Pieth.)

Pietras, John A., Waukesha, assignor of one-fourth to R. J. Buettner, West Allis, Wis. Power unit. 2,223,899; Dec. 3.

Pietzsch, Albert, Solln, Germany, assignor to Charles A. Buerk, Buffalo, N. Y. Apparatus for filtering gases. 2,210,429; Aug. 6.

Pietzsch, Frank H. (See Campbell, S. H., and Pietzsch.)

Pifer, George N., Cleveland Heights, assignor to Speedtype, Inc., Cleveland, Ohio. Automatic photographing machine. 2,218,656; Oct. 22.

Piffath, Peter, Great Neck, N. Y. Ignition device. 2,224,744; Dec. 10.

Piggot, Charles S., Washington, D. C., assignor, by mesne assignments, to Schlumberger Well Surveying Corporation, Houston, Tex. Core-taking apparatus and method of exposing cores. 2,227,198; Dec. 31.

Piggott, Henry A. (See Evans, J. G., Piggott, Reynolds, Rose, and Walker.)

Piggott, Henry A. (See Evans, J. G., Piggott, and Woolvin.)

Piggott, Henry A., and C. S. Woolvin, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Quaternary ammonium salts. 2,202,864; June 4.

Piggott, Henry A., and C. S. Woolvin, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Dialkylaminobenzoates and making them. 2,202,865; June 4.
Piggott, Henry A., and J. D. Rose, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture of new urea derivatives. 2,203,504; June 4.
Piggott, Henry A., and J. D. Rose, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Quaternary ammonium compound. 2,203,505; June 4.
Piggott, Henry A., and J. D. Rose, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Nitrogen-containing organic compound. 2,203,506; June 4.
Pignolet, Louis M., Chatham, N. J. Electrotherapeutic apparatus. 2,226,514; Dec. 24.
Pigott, Reginald J. S., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Controller for gas flow. 2,187,662; Jan. 16.
Pigott, Reginald J. S., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Gearing. 2,222,515; Nov. 19.
Pigott, Robert L., assignor to Pacific Coast Forge Company, Seattle, Wash. Bolt head construction. 2,199,809; May 7.
Pihl, Sophus E., Dorchester, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener stud. 2,191,412; Feb. 20.
Pihlquist, Albert, Hicksville, and A. Larson, East Hempstead, Long Island, N. Y. Lubricating saw handle. 2,206,730; July 2.
Pike, Emit L., Winston-Salem, N. C. Inkstand. 2,195,678; Apr. 2.
Pike, Eugene W., Swarthmore, and J. A. Rajchman, Philadelphia, Pa., and R. L. Snyder, Jr., Glassboro, N. J., assignors to Radio Corporation of America. Electron multiplier. 2,198,227; Apr. 23.
Pike, Merritt J., Birmingham, Mich. Switch. 2,214,145; Sept. 10.
Pike, Robert D. (See Hyde, R. W., and Pike.)
Pike, Robert D., Piedmont, Calif. Burning Portland cement clinkers. 2,214,345; Sept. 10.
Pike, Sele S., Howard Beach, N. Y. Banner towing means for airplanes. 2,194,869; Mar. 26.
Piken, Irving J., Brooklyn, N. Y. Magnetically held curtain. 2,212,326; Aug. 20.
Piken, Samuel S., Bayonne, N. J. Paper cup dispenser. 2,186,205; Jan. 9.
Piker, Louis M., assignor to The Hamilton Metal Products Company, Hamilton, Ohio. Utility chest. 2,209,091; July 23.
Pikul, Joseph H., assignor to The Reece Button Hole Machine Company, Boston, Mass. Sewing machine. 2,187,248; Jan. 16.
Pilant, Charles D., San Gabriel, Calif. Plasterer's float. 2,198,974; Apr. 30.
Pilat, Stanislaw, and M. Godlewicz, Lwow, Poland, assignors to Shell Development Company, San Francisco, Calif. Separating high molecular mixtures. 2,188,012; Jan. 23.
Pilat, Stanislaw, and M. Godlewicz, Lwow, Poland, assignors to Shell Development Company, San Francisco, Calif. Separating high molecular mixtures. 2,188,013; Jan. 23.
Pilblad, Eric J., et al. (See Strange, Charles C., assignor.)
Pilblad, Eric J. (See Strange, C. C., and Pilblad.)
Pilblad, Eric J., Rockville Centre, and C. C. Strange, Port Richmond, Staten Island, N. Y. Locking device. 2,214,776; Sept. 17.
Pile, Sydney, assignor to M. R. C. Limited, London, England. Flexible power transmission member. 2,211,790; Aug. 20.
Piljugin, Michail and W., Moscow, Union of Soviet Socialist Republics. Machine for topping beets. 2,207,943; July 16.
Piljugin, Wassily. (See Piljugin, Michail and W.)
Pilkington Brothers Limited. (See Alexander, P., and Barnes, assignors.)
Pilkington Brothers Limited. (See Griffin, James H., assignor.)
Pilkington Brothers Limited. (See Wood, Arthur R., assignor.)
Pilkington, David K., Sunbury-on-Thames, England, assignor, by mesne assignments, to R. L. Woodhouse, Melbourne, Victoria, Australia. Power transmission device. 2,186,808; Jan. 9.
Pilla, Raphael A., Philadelphia, Pa. Game. 2,212,846; Aug. 27.
Pilley, Frank E., Sioux City, Iowa. Air circulator and temperature regulator. 2,200,098; May 7.
Pilling, Ada G., administratrix. (See Pilling, John.)
Pilling, John, deceased, Accrington; A. G. Pilling, Dartford, administratrix, assignor to Howard and Bullough, Limited, Lancashire, England. Roller weight arrangement for drawing and spinning frames. 2,189,368; Feb. 6.
Pilot Full Fashion Mills, Inc. (See Pons, Onesime H., assignor.)
Pim, Harvey E., assignor to Vacuum Equipment Corporation, Denver, Colo. Valve for vacuum seals. 2,214,346; Sept. 10.
Pimm, Charles C., West Somerville, Mass. Scaffolding. 2,185,948; Jan. 2.
Pinaud, John and S., Atlantic Highlands, N. J. Rubber heel. 2,198,228; Apr. 23.
Pinaud, Sidney. (See Pinaud, John and S.)
Pinckard, Paul M., Battle Creek, Mich. Coke oven. 2,208,053; July 16.
Pinckney, Robert W., Elmhurst, Ill. Coffee maker. 2,215,837; Sept. 24.
Pincussen, Ludwig, Oak Park, assignor to The Board of Trustees of the University of Illinois, Urbana, Ill. Making irradiated phenolphthalein. 2,225,756; Dec. 24.
Pindek, Abraham, Brooklyn, N. Y. Locking slide for fastening devices. 2,186,809; Jan. 9.
Pinder, Harold J., Charles Town, W. Va., assignor to The Standard Lime and Stone Company, Baltimore, Md. Fuel feeding apparatus. 2,224,797; Dec. 10.
Pinell, Walter. (See Lill, F., and Pinell.)
Pineo, Orrin W., Milo, Maine, assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y. Photometer construction. 2,189,270; Feb. 6.
Pineo, Orrin W., Milo, Maine, assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y. Spectrophotometer. 2,194,910; Mar. 26.
Pineo, Orrin W., Milo, Maine, assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y. Spectrophotometer. 2,206,575; July 2.
Pineo, Orrin W., Milo, Maine, assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y. Magnetostrictive device for light valves. 2,206,576; July 2.
Pineo, Orrin W., Milo, Maine, assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y. Sector photometer. 2,211,628; Aug. 13.
Pineo, Orrin W., Milo, Maine, assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y. Spectrophotometer and spectrophotometric analysis and prediction. 2,218,357; Oct. 15.
Pines, Herman. (See Grosse, A. V., and Pines.)
Pines, Herman. (See Ipatieff, V., and Pines.)
Pines, Herman. (See Ipatieff, V. N., and Pines.)
Pines, Herman. (See Schmerling, L., and Pines.)
Pines Winterfront Company. (See Agerell, W. C., and Durant, assignors.)
Pines Winterfront Company. (See Agerell, W. C., and Godfrey, assignors.)
Pines Winterfront Company. (See Cohn, Ralph F., assignor.)
Pines Winterfront Company. (See Gilbertson, Gordon A., assignor.)
Pingel, Henry C., Stony Creek Mills, assignor to Textile Machine Works, Wyomissing Pa. Knitting machine patten control mechanism. 2,214,936; Sept. 17.
Pings, Wilbur B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Solvent refining of motor fuels. 2,221,846; Nov. 19.
Pink, Johannes, Weisswasser in Lausitz, assignor to Patent-Treuhand-Gesellschaft für Elektrische Gluhlampen m. b. H., Berlin, Germany. Apparatus for spinning and winding glass filaments. 2,187,094; Jan. 16.
Pinkernelle, Walter. (See Haussmann, H., Meissner, Pinkernelle, and Zinke.)
Pinkernelle, Walter, Krefeld-Uerdingen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of araliphatic chloromethyl compounds. 2,219,873; Oct. 29.
Pinkerton, Harry D., and C. S. Phenicie, Kansas City, Kans., assignors of one-third to Ellsworth H. Munford, Kansas City, Mo. Vehicle heater. 2,213,656; Sept. 3.
Pinkerton, Roderick D., Chicago, Ill., and W. Mendius, Munster, Ind., assignors to Sinclair Refining Company, New York, N. Y. Catalytic condensation of hydrocarbons. 2,212,951; Aug. 27.
Pinkerton, Roderick D., Chicago, Ill., and W. Mendius, Munster, Ind., assignors to Sinclair Refining Company, New York, N. Y. Catalytic condensation of hydrocarbons. 2,212,952; Aug. 27.
Pinkney, Paul S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing thiolactams. 2,201,200; May 21.
Pinkvoss, Berthold P., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Trimmer mechanism for sewing machines. 2,202,599; May 28.
Pinney, Byron R. (See Harris, P. R., Pinney, and Ramsey.)
Pinto, Edward H., London, England. Carriage for supporting trays. 2,192,102; Feb. 27.
Pintsch, Julius K.-G. (See Schenider, Hermann, assignor.)
Pintsch, Julius, Kommanditgesellschaft. (See Allerding, A., and Dallenbach, assignors.)
Pintsch, Julius, Kommanditgesellschaft. (See Dällenbach, Walter, assignor.)
Pintsch, Julius, Kommandit-Gesellschaft. (See Dällenbach, W., and Kleinsteuber, assignors.)
Pintsch, Julius, Kommanditgesellschaft. (See Gerecke, E., Deutschbein, and Schulze, assignors.)
Pintsch, Julius, Kommanditgesellschaft. (See Jakoby, P., and Lameyer, assignors.)
Pintsch, Julius, Kommanditgesellschaft. (See Pupp, Wolfgang, assignor.)

Pintsch, Julius, Kommanditgesellschaft. (See von Mihaly, D., and Wehler, assignors.)
Pintsch, Julius, Kommanditgesellschaft. (See von Schütz, F., and Vogée, assignors.)
Pintsch, Julius, Kommanditgesellschaft. (See Wilckens, Ernst, assignor.)
Pintus, Richard, Aachen, Germany. Trousers. 2,198,738; Apr. 30.
Pioneer Laboratory & Mfg. Corp. (See Lux, Edward F., assignor.)
Pioneer Manufacturing Company. (Cee Brown, Lemual G., assignor.)
Pipe-Joint Manufacturing Company, The. (See King, William, assignor.)
Pipenhagen, Charles A. (See Huber, Horace H., assignor.)
Piper, Frederick, Portland, Oreg. Window lock and alarm. 2,197,080; Apr. 16.
Piper, George S., London, England. Apparatus for moving sliding partitions, windows, and the like. 2,187,095; Jan. 16.
Piper, John, assignor of one-fourth to A. Cohen and one-half to M. Cohen, Uniontown, Pa. Safety coupling. 2,205,153; June 18.
Piper, John D. (See Komives, L. J., Wyatt, Courtis, Thomas, and Piper.)
Piper, Walter B., and H. G. Kuhns, Lilly, Pa. Tool for tendering meat and for like purposes. 2,197,650; Apr. 16.
Piper, Walter F., Oak Park, assignor to The Beardsley & Piper Company, Chicago, Ill. Screening apparatus. 2,194,721; Mar. 26.
Piper, Walter F., Oak Park, assignor to The Beardsley & Piper Company, Chicago, Ill. Mulling apparatus. 2,200,806; May 14.
Piper, Walter F., Oak Park, assignor to The Beardsley & Piper Company, Chicago, Ill. Apparatus for conditioning molding sand. 2,213,716; Sept. 3.
Pipkin, Marvin, Cleveland Heights, Ohio, assignor to General Electric Company. Flash lamp. 2,199,857; May 7.
Pipkin, Marvin, Cleveland Heights, Ohio, assignor to General Electric Company. Manufacturing wire. 2,215,477; Sept. 24.
Pippin, Clarence. (See Mueller, F. H., and Pippin.)
Piqué y Giroud, B. J., Marianao Township, Cuba. Safety lamp. 2,213,880; Sept. 3.
Pirani, Francesco, and S. Borgognoni, Memphis, Tenn. Rat trap. 2,193,397; Mar. 19.
Pirani, Marcello. (See Alterthum, H., and Pirani.)
Pirani, Marcello. (See Lait, J. R., and Pirani.)
Pirani, Marcello, Wembley, England, assignor to General Electric Company. Electrical resistor. 2,205,308; June 18.
Pirani, Marcello, South Kenton, Middlesex, and J. H. Partridge, Pinner, Middlesex, England, assignors to General Electric Company. Vitreous body. 2,219,331; Oct. 29.
Pirani, Marcello, South Kenton, England, assignor to General Electric Company. Refractory glass. 2,219,332; Oct. 29.
Pires, Cornelio, Sao Paulo, Brazil. Portable container complete with filter, for water or other liquids. 2,222,914; Nov. 26.
Pirich, George, Minneapolis, Minn. Hydrocarbon burner. 2,198,485; Apr. 23.
Pirk, Gustav W., Rome, assignor to General Cable Corporation, New York, N. Y. Electrical conductor. 2,222,639; Nov. 26.
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Motor support. 2,197,081; Apr. 16.
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Thermostatic control. 2,199,730; May 7.
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Motor generator suspension. 2,210,097; Aug. 6.
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Thrust bearing. 2,213,369; Sept. 3.
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Torsion suspension. 2,216,455; Oct. 1.
Piron, Emil H., New York, N. Y., assignor to Transit Research Corporation. Spring shield. 2,220,581; Nov. 5.
Piron, Emil H., New York, N. Y., assignor to Transit Research Corporation. Swing link. 2,226,636; Dec. 31.
Pirsch, Peter, assignor to Peter Pirsch and Sons Co., Kenosha, Wis. Scaling ladder. 2,194,870; Mar. 26.
Pirsch, Peter, and Sons Co. (See Pirsch, Peter, assignor.)
Pisarev, David, Bethlehem, Pa. Dressing of fibrous materials. 2,219,490; Oct. 29.
Pisarev, David C., Bethlehem, Pa., assignor of one-third to E. C. Weiskopf, New York, N. Y., and one-third to H. M. Ullmann, Bethlehem, Pa. White furs and producing the same. 2,199,365; Apr. 30.
Pischinger, Anton. (See Müller, H., and Pischinger.)
Pishioneri, Philip J., Ellwood City, Pa. Arc welder electrode holder. 2,196,565; Apr. 9.
Pistor, Werner, Dresden-Loschwitz, and F. Köber, assignors to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. System for making and projecting stereo films. 2,216,960; Oct. 8.
Pistor, Werner, Dresden-Blasewitz, and O. Vierling, assignors to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Projecting stereoscopic pictures. 2,222,300; Nov. 19.
Pistorius, Conrad, Chicago, Ill. Protecting device. 2,198,059; Apr. 23.
Pitcairn, Harold F., Bryn Athyn, Pa., assignor, by mesne assignments, to Autogiro Company of America. Aircraft with rotating airfoils. 2,225,525; Dec. 17.
Pitman, Albert J., et al., executors. (See Kearney, E. J., and Armitage.)
Pitman, Earle C., Lincroft, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Adhesive compositions. 2,223,575; Dec. 3.
Pitman, Harold M., Company. (See Meyer, Albert G., assignor.)
Pitman, Henry L., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,192,365; Mar. 5.
Pitman, Henry L., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,193,643; Mar. 12.
Pitman, Henry L., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,202,671; May 28.
Pitman, Henry L., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,206,577; July 2.
Pitman, Henry L., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,216,627; Oct. 1.
Pitman, Henry L., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,219,371; Oct. 29.
Pitman, Henry L., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,225,484; Dec. 17.
Pitner, Lloyd E., Milwaukee, Wis. Shutoff connection. 2,211,759; Aug. 20.
Pitner, Lloyd E., Milwaukee, Wis. Spray machine. 2,221,433; Nov. 12.
Pitner, Lloyd E., Milwaukee, Wis. Treating plants. 2,221,434; Nov. 12.
Pitney-Bowes Postage Meter Co. (See Ogden, Jacob W., assignor.)
Pitney-Bowes Postage Meter Co. (See Rouan, F. J., and Prior, assignors.)
Pitney-Bowes Postage Meter Co. (See Rouan, F. J., and Sorgatz, assignors.)
Pitney, Earl H., Willmar, Minn. Whistling cane. 2,193,644; Mar. 12.
Pitsch, Helmut, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Detector-amplifier circuit arrangement. 2,197,346; Apr. 16.
Pitsch, Helmut, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiver or amplifier with means for saving current at lower volume. 2,218,094; Oct. 15.
Pitsch, Helmut, Berlin-Steglitz, and O. Tüxen, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Volume control in receiver sets. 2,218,095; Oct. 15.
Pitt, John. (See Mims, C. N., and Pitt.)
Pitt, Norman P. (See Lathe, F. E., Pitt, and Hodnett.)
Pitt, Norman P., Eastview, Ontario, and E. G. Baker, Kilmar, Quebec, assignors, by mesne assignments, to Canadian Refractories Limited, Montreal, Quebec, Canada. Bonding of calcium silicates. 2,210,326; Aug. 6.
Pitt, Norman P., Montreal, Quebec, and W. Gallay, Rockcliffe, Ontario, assignors, by mesne assignments, to Canadian Refractories Limited, Montreal, Quebec, Canada. Refractory cement. 2,210,327; Aug. 6.
Pitt, William, Elizabeth, N. J., assignor to Wilson-Jones Company, Chicago, Ill. Permanent binding post. 2,208,196; July 16.
Pittaluga, Louis. (See Mustin, G. B., and Pittaluga.)
Pittenger, Paul S., assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Manufacture of medicinal capsules. 2,219,578; Oct. 29.
Pittman, Ernest E., and R. R. Bottoms, assignors to The Girdler Corporation, Louisville, Ky. Treatment of distillery slop and other waste liquids. 2,214,909; Sept. 17.
Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Conductor support. 2,198,839; Apr. 30.
Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Thermally responsive device. 2,198,840; Apr. 30.
Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Conductor-tapping device. 2,198,841; Apr. 30.
Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Electric transformer structure. 2,220,615; Nov. 5.
Pittman, Reinhart W., Jackson Heights, N. Y., assignor to The Beck Duplicator Company. Copying machine. 2,185,682; Jan. 2.
Pittsburgh Coal Carbonization Company. (See Archer, A. A., and Zimmerman, assignors.)
Pittsburgh Coke & Iron Company. (See Meyer, Albert P., assignor.)

Pittsburgh Corning Corporation. (See Erath, George F., assignor.)
Pittsburgh Corning Corporation. (See Winship, Edward J., assignor.)
Pittsburgh Crucible Steel Company. (See Ferm, John F., assignor.)
Pittsburgh Equitable Meter Company. (See Bartell, Clarence C., assignor.)
Pittsburgh Equitable Meter Company. (See MacLean, Allen D., assignor.)
Pittsburgh Equitable Meter Company. (See Marsh, Walter H., assignor.)
Pittsburgh Equitable Meter Company. (See Niesemann, Fritz, assignor.)
Pittsburgh Equitable Meter Company. (See Potter, William S., assignor.)
Pittsburgh Equitable Meter Company. (See Seibert, N. J., and Chrisman, assignors.)
Pittsburgh Forgings Company. (See McCutcheon, Clyde A., assignor.)
Pittsburgh Forgings Company. (See Stocking, W. H., and Mitchell, assignors.)
Pittsburgh Pipe & Coupling Company. (See Lamond, John, assignor.)
Pittsburgh Plate Glass Company. (See Arberry, James E., assignor.)
Pittsburgh Plate Glass Company. (See Bole, R. D., and Fusca, assignors.)
Pittsburgh Plate Glass Company. (See Clarke, Frank, assignor.)
Pittsburgh Plate Glass Company. (See Cox, Samuel F., assignor.)
Pittsburgh Plate Glass Company. (See Dennison, Brook J., assignor.)
Pittsburgh Plate Glass Company. (See Devol, Manson L., assignor.)
Pittsburgh Plate Glass Company. (See Downes, Daniel T., assignor.)
Pittsburgh Plate Glass Company. (See Ehman, R. G., and Hitner, assignors.)
Pittsburgh Plate Glass Company. (See Fix, Earl L., assignor.)
Pittsburgh Plate Glass Company. (See Freeman, Stephen E., assignor.)
Pittsburgh Plate Glass Company. (See Galey, Henry J., assignor.)
Pittsburgh Plate Glass Company. (See Haux, Elmer H., assignor.)
Pittsburgh Plate Glass Company. (See Johnson, Melvin W., assignor.)
Pittsburgh Plate Glass Company. (See Knudsen, Percy E., assignor.)
Pittsburgh Plate Glass Company. (See Knudsen, P. E., and Toussaint, assignors.)
Pittsburgh Plate Glass Company. (See Lytle, William O., assignor.)
Pittsburgh Plate Glass Company. (See Mason, Martin W., assignor.)
Pittsburgh Plate Glass Company. (See Miller, Robert A., assignor.)
Pittsburgh Plate Glass Company. (See Morris, P. R., and Ballintine, assignors.)
Pittsburgh Plate Glass Company. (See Muskat, Irving E., assignor.)
Pittsburgh Plate Glass Company. (See Muskat, I. E., and Cady, assignors.)
Pittsburgh Plate Glass Company. (See Muskat, I. E., and Gage, assignors.)
Pittsburgh Plate Glass Company. (See Muskat, I. E., and Howard, assignors.)
Pittsburgh Plate Glass Company. (See Muskat, I. E., and Trager, assignors.)
Pittsburgh Plate Glass Company. (See Nash, Arthur D., assignor.)
Pittsburgh Plate Glass Company. (See Oliver, James G., assignor.)
Pittsburgh Plate Glass Company. (See Owen, William, assignor.)
Pittsburgh Plate Glass Company. (See Pechukas, Alphonse, assignor.)
Pittsburgh Plate Glass Company. (See Redshaw, Joseph H., assignor.)
Pittsburgh Plate Glass Company. (See Sherrill, Alvan C., assignor.)
Pittsburgh Plate Glass Company. (See Sherts, James H., assignor.)
Pittsburgh Plate Glass Company. (See Stoner, Howard G., assignor.)
Pittsburgh Plate Glass Company. (See Waldeck, W. F., and Ketterer, assignors.)
Pittsburgh Research Corporation. (See Moore, William E., assignor.)
Pittsburgh Research Corporation. (See Moore, W. E., and Simpson, assignors.)
Pittsburgh Steel Company. (See Protin, Edward J., assignor.)
Pitura, Mike, and K. Zyma, Creighton Mine, Ontario, Canada. Automobile guard. 2,220,272; Nov. 5.
Pitzen, Henry A., Mantador, N. Dak. Hand shocking implement. 2,196,122; Apr. 2.
Pitzer, Mose B., Monahans, Tex. Treating wells. Re. 21,356; Feb. 13.
Pivoto, Felix L., Liberty, Tex. Changeable blade drag bit. 2,190,434; Feb. 13.
Pixler, Edgar F., Leadville, Colo. Surgical instrument. 2,220,493; Nov. 5.
Pixley, Milton A., Columbus, Ohio. Door. 2,195,875; Apr. 2.
Pixley, Milton A., Columbus, Ohio. Closure. 2,226,017; Dec. 24.
Pizzotti, Attilio A., Plymouth, Mass. Bowling pin reconditioning machine. 2,205,541; June 25.
Placco, Oscar, Cranston, R. I. Ornamental device. 2,205,908; June 25.
Placco, Oscar F., Cranston, R. I., assignor to Cohn & Rosenberger, Inc., New York, N. Y. Locket construction. 2,192,504; Mar. 5.
Placco, Oscar F., Cranston, R. I., assignor to Coro-Gram, Inc., New York, N. Y. Initial holder. 2,207,704; July 16.
Place, Bion C., Detroit, Mich. Snow guard. 2,201,320; May 21.
Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Fastener. 2,191,773; Feb. 27.
Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Fastener. 2,197,590; Apr. 16.
Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Fastener. 2,198,290; Apr. 23.
Place, Bion C., assignor of one-third to H. W. Kost and one-third to E. J. Cloutier, Detroit, Mich. Automobile door and making the same. 2,204,551; June 18.
Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Fastener. 2,215,428; Sept. 17.
Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Securing moldings. 2,216,047; Sept. 24.
Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Fastener. 2,220,273; Nov. 5.
Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Fastener. 2,220,825; Nov. 5.
Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Securing hollow moldings. 2,220,826; Nov. 5.
Place, Bion C., assignor of one-half to G. E. Gagnier Detroit, Mich. Securing moldings. 2,220,827; Nov. 5
Place, Willard P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Signal system. 2,197,414; Apr. 16.
Place, Willard P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Signal system. 2,197,415; Apr. 16.
Place, Willard P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Signal system. 2,197,416; Apr. 16.
Place, Willard P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Signaling system. 2,197,417; Apr. 16.
Place, Willard P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Coding apparatus. 2,205,909; June 25.
Place, Willard P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,206,579; July 2.
Place, Willard P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,220,494; Nov. 5.
Place, Willard P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,221,653; Nov. 12.
Place, Willard P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for railway train communication systems. 2,221,654; Nov. 12.
Place, Willard P., Penn Township, Allegheny County, and F. C. Smith, Wilkinsburg, Pa. Sound indicating apparatus. 2,191,203; Feb. 20.
Place, Willard P., Wilkinsburg, and A. J. Sorsensen, Edgewood, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,206,578; July 2.
Placek, Adolph, Philadelphia, Pa. Apparatus for treating liquids. 2,220,657; Nov. 5.
Plaistowe, Donald L., Chelmsford, England, assignor to Radio Corporation of America. Radio apparatus for detecting aircraft. 2,207,267; July 9.
Plaistowe, Donald L., Chelmsford, England, assignor to Radio Corporation of America. Electrical wave segregation circuit. 2,211,860; Aug. 20.
Plamondon, Arthur L., West Newton, and R. A. Matthies, and O. K. Iversen, Needham, Mass. Ruffling mechanism for sewing machines. 2,193,256; Mar. 12.
Planiol, André P. E. (See Szydlowski, J., and Planiol.)
Planitz, Morton, Bronx, N. Y. Arm support for fishing rods. 2,212,212; Aug. 20.
Planskoy, Léonti, Paris, France. Production of images which are geometrically equivalent, applicable to photography and to cinematography. 2,204,049; June 11.
Plant, John H. G. (See Griffith, R. H., and Plant.)
Plant, Leland G., Washington, D. C. Locomotive draft duct. 2,206,263; July 2.
Plant Rubber & Asbestos Works. (See Abrahams, S. A., and Lewon, assignors.)
Plant Rubber & Asbestos Works. (See Abrahams, S. A., Lewon, and Collogne, assignors.)
Plantinga, Oliver S. (See Kokatnur, V. R., and Plantinga.)
PlaRola Corporation. (See Pullen, Harry, assignor.)
Plaskon Company. (See Balz, Emil H., assignor.)
Plaskon Company. (See Belfit, Robert W., assignor.)

Plaskon Company. (See Bigelow, Maurice, H., assignor.)
Plaskon Company. (See Cordier, David E., assignor.)
Plaskon Company. (See Cosgrove, Rex P., assignor.)
Plaskon Company. (See Howald, Arthur M., assignor.)
Plaskon Company. (See Kassay, Andrew W., assignor.)
Plaskon Company. (See Marshall, Albert E., assignor.)
Plaskon Company. (See Menger, Adolf, assignor.)
Plaskon Company. (See Meyer, Leonard S., assignor.)
Plaskon Company. (See Simons, John K., assignor.)
Plass, Otfried. (See Jähde, W., and Plass.)
Plass, Robert H., Upper Montclair, N. J. Apparatus for mounting fur upon a carrier sheet. 2,188,156; Jan. 23.
Plastaras, James C., Laurelton, N. Y., assignor to Mergenthaler Linotype Company. Keyboard mechanism. 2,220,946; Nov. 12.
Plastic Binding Corporation. (See Nelson, C. B., and Spinner, assignors.)
Plastic Binding Corporation. (See Spinner, Abraham J., assignor.)
Plastic Binding Corporation. (See Spinner, Isidore, assignor.)
Plastic Fibre Corp. (See Paterson, E. M., and Wilson, assignors.)
Plastic Lights, Inc. (See Ruse, Carl R., assignor.)
Plastics Molding Corporation. (See Moore, Frank J., assignor.)
Platt, Frederick P., and L. Soher, New York, N. Y. Space gaining structure for building constructions. 2,200,934; May 14.
Platt, Gilbert G., and G. D. Omohundro, Santa Ana, Calif. Method and apparatus for packaging. 2,185,353; Jan. 2.
Platt, Herbert, Cumberland, Md., assignor to Celanese Corporation of America. Finishing fabric. 2,186,121; Jan. 9.
Platt, Herbert, Cumberland, Md., assignor to Celanese Corporation of America. Coloration of textile materials. 2,202,066; May 28.
Platt, Herbert, and R. R. Sitzler, Cumberland, Md., assignors to Celanese Corporation of America. Textile material. 2,211,861; Aug. 20.
Platt, John E. (See Featherstone, A. I., Platt, and Merritt.)
Platt, John W., Waterville, assignor to Scovill Manufacturing Company, Waterbury, Conn. Chain bracket. 2,226,502; Dec. 24.
Platt, Samuel, San Francisco, Calif. Cardboard box construction. 2,189,151; Feb. 6.
Platt, Stephen A., assignor to U. S. Manufacturing Corporation, Decatur, Ill. Warming device. 2,218,974; Oct. 22.
Platt, Washington. (See Webb, R. E., and Platt.)
Platt, Washington, Syracuse, and P. D. Kratz, Lynbrook, assignors to The Borden Company, New York, N. Y. Prepared citrus fruit peel. 2,218,550; Oct. 22.
Platz, Carl. (See Daimler, K., Platz, Bücking, and Rosenbach.)
Platz, Carl. (See Steindorff, A., Platz, and Rosenbach.)
Platz, Elwood T., Detroit, Mich. Circuit breaker. 2,210,870; Aug. 6.
Platzner, Morris, Chicago, Ill. Power generation. 2,215,157; Sept. 17.
Plauson, Hermann, Berlin, Germany. Colloidal mill. 2,225,797; Dec. 24.
Plax Corporation. (See Ferngren, Enoch T., assignor.)
Playford, Harry E., and F. B. Holliger, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Stencil screen construction. 2,191,134; Feb. 20.
Plebanski, Jozef, Warsaw, Poland, assignor to Radio Patents Corporation. Side band suppression system. 2,186,146; Jan. 9.
Plebanski, Jozef, Warsaw, Poland, assignor to Radio Patents Corporation, New York, N. Y. Selective circuits. 2,213,591; Sept. 3.
Plebanski, Jozef, Warsaw, Poland, assignor to Radio Patents Corporation, New York, N. Y. Electrical system. 2,216,829; Oct. 8.
Plebanski, Jozef, Warsaw, Poland, assignor to Radio Patents Corporation, New York, N. Y. Electric translating system. 2,219,396; Oct. 29.
Plebanski, Jozef, Warsaw, Poland, assignor to Radio Patents Corporation. Electric control system. 2,219,397; Oct. 29.
Plebanski, Jozef, Warsaw, Poland, assignor to Radio Patents Corporation, New York, N. Y. Directional radio system. 2,224,233; Dec. 10.
Plebanski, Jozef, Warsaw, Poland, assignor to Radio Patents Corporation, New York, N. Y. Directional radio system. 2,227,155; Dec. 31.
Plechner, Walter W., and J. M. Jarmus, Metuchen, N. J., assignors, by mesne assignments, to National Lead Company, New York, N. Y. Alcoholic and ketonic suspensions of titanium pigments. 2,215,857; Sept. 24.
Plein, Ralph J., assignor to Drying Systems, Inc., Chicago, Ill. Multiple fuel burner system. 2,212,352; Aug. 20.
Pleines, Wilhelm. (See Oeckl, O., Weinhold, Pleines, and Kessler.)
Pleiss, Walter H., Ludington, Mich. Tree holder. 2,205,271; June 18.
Pleister, Henry W., Westfield, assignor to Diamond Expansion Bolt Company, Inc., Garwood, N. J. Nail expansion. 2,219,788; Oct. 29.
Plensler, Alexander W., assignor to Belmont Radio Corporation, Chicago, Ill. Automatic electrical broadcast and wave selector. Re. 21,366; Feb. 20.
Plensler, Alexander W., Chicago, Ill., assignor to Belmont Radio Corporation. Automatic tuning device for radio receivers. 2,208,549; July 16.
Plepp, Gaston. (See Maier, W., Plepp, and Fink.)
Plessman, John J., Port Chicago, assignor to G. T. Franck, Los Angeles, Calif. Multiple unit casting machine. 2,223,385; Dec. 3.
Pletcher, Delmer I., Bakersfield, Calif. Dosage regulator and control wedge for hypodermic syringes. 2,216,354; Oct. 1.
Pletscher, Willy, Rothrist-Lehen, assignor to Papiersackfabrik Rothrist A.-G., Rothrist, Canton Aargan, Switzerland. Closure for paper bags. 2,203,924; June 11.
Pleuthner, Charles, assignor to Martin & Schwartz, Inc., Salisbury, Md. Controlling the operation of gasoline dispensers. 2,211,703; Aug. 13.
Plews Processes, Inc. (See Plews, William J., assignor.)
Plews, William J., Chicago, Ill., assignor to Plews Processes, Inc. Exploded cereal. 2,190,949; Feb. 20.
Pleydell-Bouverie, Christopher, and O. D. Lucas, assignors to The Research Trust Limited, London, England. Catalytic apparatus. 2,190,548; Feb. 13.
Pliskoff, Philip, and D. Weisberger, New York, N. Y. Shoe. 2,207,699; July 16.
Plissner, Charlotte B., Baltimore, Md. Visible mechanism for slot machines. 2,187,362; Jan. 16.
Ploeger, Clyde E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Air conditioning. 2,196,473; Apr. 9.
Ploehn, John H., Bettendorf, Iowa, assignor to French & Hecht, Incorporated. Wheel making machine. 2,209,002; July 23.
Ploetz, Ernst. (See Schoeller, C., Ulrich, and Ploetz.)
Ploetz, Ernst. (See Ulrich, H., and Ploetz.)
Ploke, Martin. (See Görlich, P., and Ploke.)
Ploke, Martin, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Electron-microscopically investigating subjects. 2,219,113; Oct. 22.
Plön, Max, Basel, Switzerland. Detachable tool handle. 2,202,863; June 4.
Plotkin, Joseph H., assignor to S. Dresner & Son, Inc., Chicago, Ill. Wardrobe tray. 2,209,171; July 23.
Plotkin, Leighton B., assignor to Bootree Mfg. Co. Inc., Bridgeport, Conn. Riding boot tree. 2,206,974; July 9
Plötze, Adolf C., Charlottenburg, Berlin, assignor, by mesne assignments, to Neocell Products Corporation. Immersible mold for the production of hollow molded articles. 2,219,961; Oct. 29.
Plouvier, Paul J., Montreuil-sous-Bois, France. Playing apparatus. 2,200,190; May 7.
Plucker, Henry W. (See Chuffart, Robert C. H., assignor.)
Plum, Leroy H. (See Binder, C. G., and Plum.)
Plumb, Charles C., Cranston, R. I. Telephone message recording and reproducing apparatus. 2,203,877; June 11.
Plumb, Walt A., Pleasant Ridge, Mich., assignor to The Truscon Laboratories. Building construction. 2,220,349; Nov. 5.
Plumb, Walter G., Ridgewood, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for slitting lithographed metal sheets. 2,224,086; Dec. 3.
Plummer, Benjamin G., Huntington Beach, Calif. Universal joint for tubing. 2,220,120; Nov. 5.
Plummer, Lloyd F., assignor to I. B. Williams and Sons, Inc., Dover, N. H. Welt. 2,207,068; July 9.
Plummer, Orla R., Napoleon, Ohio. Pigment conditioner. 2,215,912; Sept. 24.
Plummer, Richard W. (See Brill, J. L., and Plummer.)
Plummer, Sam J., Salix, Pa. Hat hanger. 2,189,677; Feb. 6.
Plummer, William B., assignor to Standard Oil Company, Chicago, Ill. Catalyst chambers and catalyst regeneration system. 2,223,268; Nov. 26.
Plummer, William B., Chicago, and M. H. Arveson, Flossmoor, assignors to Standard Oil Company, Chicago, Ill. Deoxidizing hydrocarbons. 2,190,043; Feb. 13.
Plummer, William B., and O. B. Clark, assignors, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Lubricating device. 2,205,667; June 25.
Plumstead, Joseph E., Elkton, Md., assignor, by mesne assignments, to Raffold Process Corporation, Andover, Mass. Composition of matter and preparing the same. 2,186,040; Jan. 9.
Plunkett, John A., and E. Wainer, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Magnesium titanates and making same. 2,196,325; Apr. 9.
Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Tile and retaining means therefor. 2,206,201; July 2.
Plym, Lester M., and M. W. Newcomb, Glen Ellyn, Ill. Program apparatus. 2,224,609; Dec. 10.
Plymouth Cordage Company. (See MacKinnon, Charles, assignor.)
Plymouth Cordage Company. (See Reed, Stephen A., assignor.)
Pneu-Hydro Road Machinery Company. (See Boerma, Henry E., assignor.)

Pneumastic Co. (See Stone, Allen L., assignor.)
Pneumatic Drop Hammer Company. (See Fitzgerald, Reginald P., assignor.)
Pneumatic Drop Hammer Company. (See Fitzgerald, William H. J. and R. P., assignors.)
Pneumatic Scale Corporation. (See Anderson, Gustaf W., assignor.)
Pneumatic Scale Corporation. (See Burton, George F., assignor.)
Pneumatic Scale Corporation. (See Eaton, Lewis B., assignor.)
Pneumatic Scale Corporation. (See Howard, Stanley R., assignor.)
Pneumatic Scale Corporation. (See Hultin, Oscar H., assignor.)
Pneumatic Scale Corporation. (See Lindholm, Arthur W., assignor.)
Pneumatic Scale Corporation. (See Newey, William H., assignor.)
Pneumatic Scale Corporation. (See Robinson, George A., assignor.)
Pneumatic Scale Corporation. (See Weeden, Walter H., assignor.)
Pneumatic Scale Corporation. (See Yates, John, assignor.)
Pobjoy Airmotors & Aircraft Limited. (See Towler, Clifford O., assignor.)
Poblocki, Bernard B., Milwaukee, Wis. Illuminated sign for removable letters. 2,191,353; Feb. 20.
Pocahontas Fuel Company. (See Schweickart, William M., assignor.)
Pocahontas Fuel Company Incorporated. (See Schweickart, W. M., and Julyan, assignors.)
Poch, Alexander A., Grand Rapids, Mich. Sprinkler head shut-off device. 2,189,523; Feb. 6.
Poch, Waldemar J., Collingswood, N. J., assignor to Radio Corporation of America. Synchronizing pulse generator. 2,212,648; Aug. 27.
Poch, Waldemar J., Collingswood, N. J., assignor to Radio Corporation of America. Television apparatus. 2,219,579; Oct. 29.
Podbielniak, Walter J., assignor to B. B. Schneider, Chicago, Ill. Centrifugal fluid-treating apparatus. 2,209,577; July 30.
Podd, Ernest A., Houston, Tex. Form hanger. 2,201,011; May 14.
Podel, Abraham, New York, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Sealing machine. 2,193,113; Mar. 12.
Podel, Abraham, New York, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Capping machine. 2,226,410; Dec. 24.
Podmore, Arthur, London, England. Mailing card. 2,203,578; June 4.
Podmore, Arthur, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Apparatus for making cigarettes. 2,219,491; Oct. 29.
Podolsky, Jacob, Boston, Mass. Boiler relief device. 2,210,555; Aug. 6.
Poe, John, assignor of one-fourth to W. F. Turner, Amarillo, Tex. Automatic air relief valve. 2,198,291; Apr. 23.
Poese, Theodore H., St. Louis, Mo. Rotary pivoted hammer. 2,200,374; May 14.
Pogarch, Stephen A., Dearborn, Mich. Adjustable microfixture for spline mills. 2,213,408; Sept. 3.
Pohl, Ernest F. (See Deems, Donald A., assignor.)
Pohl, Ernest F. (See Eckstein, Louis V., assignor.)
Pohl, Ernest F. (See Ekstedt, Henry V., assignor.)
Pohl, Robert. (See Melchior, P., Pohl, and Cordes.)
Pohl, Wadsworth E. (See Ball, J. A., and Pohl.)
Pohl, Walter M., Washington, D. C., and J. B. Armitage, Wauwatosa, Wis., assignors to Kearney & Trecker Corporation, West Allis, Wis. Machine tool transmission and control. Re. 21,434; Apr. 23.
Pohle, Walter B., East Lynn, Mass., assignor, by mesne assignments, to Tobacco Retention Corporation. Cigarette and making the same. 2,190,107; Feb. 13.
Pohle, Walter B., East Lynn, Mass., assignor, by mesne assignments, to Tobacco Retention Corporation. Machine for making cigarettes. 2,218,071; Oct. 15.
Pohler, Georg, Berlin-Schoneberg, Germany, assignor to General Electric Company. Electrical insulation. 2,191,584; Feb. 27.
Pohlhaus, Conrad, Marienberg, Saxony, Germany. Toy cooking stove. 2,198,177; Apr. 23.
Pohlman, Augustus G., Los Angeles, Calif. Auditory apparatus. 2,191,832; Feb. 27.
Pöhls, Paul, and F. Mietzsch, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Diphenylsulphone derivatives and manufacture thereof. 2,213,805; Sept. 3.
Pöhls, Paul, and F. Mietzsch, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Diphenylsulphone-4.4'-di-isocyanate and making it. 2,218,030; Oct. 15.
Pohm, George H., Olmsted Falls, and C. P. Stocker, assignors, by mesne assignments, of one-half to said C. P. Stocker and one-half to E. M. Heavens, Lorain, Ohio. Electrical regulator. 2,221,456; Nov. 12.
Poindexter, James B., Hungington, W. Va. Tooth guard and jaw protector. 2,192,558; Mar. 5.
Pointer, Robert W., assignor of one-half to Willamette Iron and Steel Corporation, Portland, Oreg. Tandem trailer unit. 2,193,567; Mar. 12.
Pointon, John E., Peterborough, England. Discharge of biscuits or the like from pans or wires carried by oven or like conveyers. 2,226,323; Dec. 24.
Pointon, John E., D. Y. B. Tanqueray, and F. Dewhurst, assignors to Baker Perkins Limited, Peterborough, England. Laundry ironing machine. 2,195,937; Apr. 2.
Pointon, John E., and C. Dumbleton, Peterborough, England, assignors to Baker Perkins Incorporated, Saginaw, Mich. Heating of bakers' and like ovens. 2,203,180; June 4.
Pointon, John E., and C. Dumbleton, Peterborough, England, assignors to Baker Perkins Incorporated, Saginaw, Mich. Baker's and like oven. 2,205,576; June 25.
Point-O-Purchase Advertising Company. (See Davis, Milton K.)
Poirier, Ernest, Waterville, Maine. Stock regulating apparatus for paper machines. 2,203,925; June 11.
Poisefair Company, The. (See Jacobs, A., and Ciringione, assignors.)
Poizat, Louis, Serezin-du-Rhone, and J. Lahousse, Lyon, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Alkyl esters of 3-methoxy-coumaric acid and pharmaceutical compositions containing same. 2,213,717; Sept. 3.
Pokorny, Oldrich S. (See Stratford, R. K., and Pokorny.)
Polack, Charles F., York, Pa. Sash fastener. 2,226,072; Dec. 24.
Polák, Josef, Prague, Czechoslovakia. Controlling hydraulically operated working cylinders. 2,214,308; Sept. 10.
Poland, Frank F. (See Betterton, J. O., and Poland.)
Polaroid Corporation. (See Brown, Charles H., assignor.)
Polaroid Corporation. (See Land, Edwin H., assignor.)
Polaroid Corporation. (See Land, E. H., and Mahler, assignors.)
Polasik, Floyd J., assignor of one-half to O. Reitz, Chicago, Ill. Vernier. 2,212,884; Aug. 27.
Polen, Russell V., Dayton, Ohio, assignor, by mesne assignments, to Lyon Metal Products, Incorporated, Aurora, Ill. Combination clothes rack and locker. 2,202,427; May 28.
Polhemus, John K. (See Lessler, L. W., and Polhemus.)
Polikoff, Nathan, and W. Gunner, Brooklyn, N. Y. Fishing reel. 2,200,779; May 14.
Polimac, Emeric. (See Waldman, N., and Polimac.)
Polin, Herbert S., New York, N. Y. Coffee bean molding compound and process. 2,207,069; July 9.
Polin, Herbert S., Sands Point, Long Island, assignor of one-half to H. A. Furman, Schenectady, N. Y. Corrosion preventative. 2,221,997; Nov. 19.
Polit, Louis W., Boston, Mass. Faucet. 2,222,466; Nov. 19.
Polk Development Company (not incorporated). (See Polk, Ralph, Sr., and R., Jr., assignors.)
Polk, Harry H., Des Moines, Iowa. Vehicle jack. 2,200,994; May 14.
Polk, Ralph, Jr. (See Polk, Ralph, Sr., and R., Jr.)
Polk, Ralph, Sr., Miami, and R. Polk, Jr., Haines City, assignors to The Polk Development Company, Tampa, Fla. Removing citrus juice cells from inedible portions. 2,199,345; Apr. 30.
Polk, Ralph, Sr., Miami, and R. Polk, Jr., Haines City, assignors to The Polk Development Company, (not incorporated), Tampa, Fla. Citrus fruit juicer. 2,212,925; Aug. 27.
Polkingharn, Oril M., Cheyenne, Wyo. Dental powder dispenser. 2,210,776; Aug. 6.
Polkinghorn, Frank A., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Single side band diversity radio receiving system. 2,219,751; Oct. 29.
Polko, Peter P., Lyons, and W. A. Lebus, Chicago, assignors to Merritt C. Penticoff, Evanston, Ill. Fluid meter. 2,186,307; Jan. 9.
Poll, Benjamin, Holland, Mich. Planting machine. 2,216,923; Oct. 8.
Pollack, Dale, Haddon Heights, N. J., assignor to Radio Corporation of America. Modulation system. 2,224,314; Dec. 10.
Pollack, Dale, Haddon Heights, N. J., assignor to Radio Corporation of America. Neutralized power amplifier. 2,226,942; Dec. 31.
Pollack, Irving A., New York, N. Y. Scraper device. 2,226,179; Dec. 24.
Pollack, Irwin L., assignor to American Decalcomania Company, Chicago, Ill. Stamp or the like. 2,200,893; May 14.
Pollak, Arthur, and R. Hastings, assignor to West Virginia Pulp and Paper Company, New York, N. Y. Making sulphurized cutting oils. 2,198,562; Apr. 23.
Pollak, Joseph, Corporation, et al. (See Hasselbaum, Oscar H., assignor.)
Pollak Manufacturing Company. (See Markey, Roscoe I., assignor.)
Pollak Manufacturing Company. (See Walker, George A., assignor.)
Pollard, Gurdon T., Denver, Colo. Fluid drive differential transmission. 2,203,546; June 4.
Pollard, John D., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic pellicles coated with antisticking agent. 2,206,046; July 2.
Pollard, John H., Dallas, Tex. Furniture. 2,214,204; Sept. 10.

Pollard, John T., East Providence, R. I. Garment hanger. 2,196,123; Apr. 2.
Pollard, Willard L. G., Jr., Evanston, Ill. Spray painting machine. 2,213,108; Aug. 27.
Pollitz, Harold C., assignor to Iowa Manufacturing Company, Cedar Rapids, Iowa. Mixing plant. 2,190,044; Feb. 13.
Pollock, David. (See Feindel, Arthur, assignor.)
Pollock, Gordon B., Los Angeles, Calif. Roll film magazine container for photographic cameras. 2,187,547; Jan. 16.
Pollock, Gordon B., Los Angeles, Calif., assignor to J. Galter, Chicago, Ill. Synchronized flash camera. 2,198,975; Apr. 30.
Pollock, John E. (See McCulloch, T. B., and Pollock.)
Pollock, Mearon E., Beverly Hills, Calif. Hair scavenging device. 2,216,355; Oct. 1.
Pollock, Ralph C., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Oxidized wax and producing same. 2,186,909; Jan. 9.
Pollock, Ralph C., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Oxidized wax and producing same. 2,186,910; Jan. 9.
Pollock, Willard M., assignor to The Goss Printing Press Company, Chicago, Ill. Intaglio printing mechanism. 2,201,452; May 21.
Pollopas Patents, Ltd. (See Montrose-Oster, Louis E. W., assignor.)
Poluzzi, Remo, Rome, Italy. Apparatus for washing fruits, vegetables, and the like. 2,187,891; Jan. 23.
Polydoroff, Wladimir J., Wilmette, assignor to Johnson Laboratories, Inc., Chicago, Ill. Permeability-tuned superheterodyne receiver. 2,190,082; Feb. 13.
Polydoroff, Wladimir J., Wilmette, assignor to Johnson Laboratories, Inc., Chicago, Ill. Variable inductance. 2,192,619; Mar. 5.
Polydoroff, Wladimir J., Wilmette, assignor to Johnson Laboratories, Inc., Chicago, Ill. High frequency generator. 2,210,303; Aug. 6.
Polydoroff, Wladimir J., Wilmette, and M. J. Kirk, assignors to Johnson Laboratories, Inc., Chicago, Ill. Adjustable inductance device. 2,213,326; Sept. 3.
Polymerization Process Corporation. (See Gary, Wright W., assignor.)
Polymerization Process Corporation, The. (See Gary, W. W., and Carey, assignor.)
Polymerization Process Corporation. (See Rubin, Louis C., assignor.)
Polymerization Process Corporation, The. (See Ruhruff, Robert F., assignor.)
Polysius, G., Aktiengesellschaft. (See Hasselbach, A., Luther, and Hille, assignors.)
Polysius, G., Aktiengesellschaft. (See Horn, Hans, assignor.)
Polysius, G., Aktiengesellschaft. (See Kück, Herbert, assignor.)
Polysius, G., Aktiengesellschaft. (See Schubert, Franz, assignor.)
Pomeranz, Jacob J., Brooklyn, N. Y. Ophthalmic mounting. 2,196,872; Apr. 9.
Pomernacki, Valerius, Chicago, Ill. Automobile foot pedal safety control. 2,217,233; Oct. 8.
Pomernacki, Valerius, Chicago, Ill. Automobile foot pedal safety control. 2,225,423; Dec. 17.
Pomeroy, Edward S., assignor to Smith and Wesson, Inc., Springfield, Mass. Adjustable sight for firearms. 2,187,096; Jan. 16.
Pomeroy, Edward S., assignor to Smith and Wesson, Inc., Springfield, Mass. Fire control mechanism for firearms. 2,213,348; Sept. 3.
Pomeroy, Edward S., assignor to Smith and Wesson, Inc., Springfield, Mass. Firearm. 2,216,022; Sept. 24.
Pomeroy, Eugene C., et al. (See Franklin, Robert M., assignor.)
Pomeroy, Timothy C., Long Beach, Calif. Hydraulic jack. 2,211,479; Aug. 13.
Pomfrett, John M., Emporium, Pa., assignor to Hygrade Sylvani Corporation, Salem, Mass. Voltage regulator tube. 2,194,432; Mar. 19.
Pond, Bertram P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermostatic switch. 2,196,507; Apr. 9.
Pond, Bertram P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermostatic switch. 2,200,852; May 14.
Pond, Bertram P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Switch casing. 2,204,695; June 18.
Pond, Clarke P., Philadelphia, Pa. Sash-operating device. 2,188,231; Jan. 23.
Pond, Roscoe V., Tucson, Ariz. Fuse plug and receptacle base therefor. 2,204,948; June 18.
Ponder, Ray E., assignor to United Wood Heel Company, St. Louis, Mo. Conveyer. 2,223,639; Dec. 3.
Ponomareff, Alexander I., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Propeller blower apparatus. 2,219,937; Oct. 29.
Pons, John A., Morganton, N. C. Looping hosiery. 2,191,288; Feb. 20.
Pons, Onesime H., assignor to Pilot Full Fashion Mills, Inc., Valdese, N. C. Hosiery with elastic section. 2,225,277; Dec. 17.
Pontecorvo, Bruno. (See Fermi, E., Amaldi, Pontecorvo, Rasetti, and Segre.)
Pontis, William G., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Condenser container. 2,197,193; Apr. 16.
Pontis, William G., and P. F. Koehly, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Electrolytic condenser vent. 2,227,319; Dec. 31.
Poock, Louis F., assignor to The Cimatool Company, Dayton, Ohio. Machine tool. 2,201,500; May 21.
Poock, Louis F., assignor to The Cimatool Company, Dayton, Ohio. Machine tool. 2,202,428; May 28.
Pool, Austin R., Wetmore, Kans. Spring lock for electrical contact plugs. 2,198,504; Apr. 23.
Pool, Austin R., Wetmore, Kans. Electric connector socket. 2,198,505; Apr. 23.
Pool, Hardy F., Mason City, Iowa, and S. D. Pool, Moline, Ill. Cotton picker. 2,208,731; July 23.
Pool, Stephen C. (See Bachman, G. B., and Pool.)
Pool, Stuart D. (See Pool, Hardy F. and S. D.)
Pool, William. (See Dreyfus, H., and Pool.)
Pool, William. (See Mellor, A., and Pool.)
Pool, William, Spondon, near Derby, England, assignor to Celanese Corporation of America. Conversion of continuous filaments into staple fibers. 2,220,022; Oct. 29.
Pool, William, Spondon, near Derby, England, assignor to Celanese Corporation of America. Conversion of continuous filaments into staple fibers. 2,220,023; Oct. 29.
Pool, William, Spondon, near Derby, England, assignor to Celanese Corporation of America. Manufacture of staple fiber yarns. 2,220,024; Oct. 29.
Pool, William, Spondon, near Derby, England, assignor to Celanese Corporation of America. Unwinding of continuous filament yarns. 2,224,921; Dec. 17.
Pool, William, Spondon, near Derby, England, assignor to Celanese Corporation of America. Handling of continuous filaments. 2,224,922; Dec. 17.
Pool, William, Spondon, near Derby, England, assignor to Celanese Corporation of America. Manufacture of staple fiber yarn. 2,224,923; Dec. 17.
Pool, William, Spondon, near Derby, England, assignor to Celanese Corporation of America. Mechanism for producing a combined rotary and reciprocating movement. 2,226,137; Dec. 24.
Pool, William O. (See Ralston, A. W., Pool, and Harwood.)
Pool, William O., and J. Harwood, assignors to Armour and Company, Chicago, Ill. Waxing and polishing composition. 2,225,392; Dec. 17.
Poole, Arthur B., assignor to The E. Ingraham Company, Bristol, Conn. Field-structure for synchronous-electric motors. 2,191,220; Feb. 20.
Poole, Arthur B., assignor to The E. Ingraham Company, Bristol, Conn. Synchronous electric motor structure. 2,191,221; Feb. 20.
Poole, Arthur B., assignor to The E. Ingraham Company, Bristol, Conn. Rotary motion translating device. 2,191,538; Feb. 27.
Poole, Arthur B., assignor to The E. Ingraham Company, Bristol, Conn. Rotary motion translating device. 2,191,539; Feb. 27.
Poole, Arthur B., assignor to The E. Ingraham Company, Bristol, Conn. Rotary motion translating device. 2,191,540; Feb. 27.
Poole, Arthur B., assignor to The E. Ingraham Company, Bristol, Conn. Rotary motion translating device. 2,191,541; Feb. 27.
Poole, Arthur B., assignor to The E. Ingraham Company, Bristol, Conn. Automatic electric switch mechanism. 2,219,372; Oct. 29.
Poole, Lora E., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Coil positioning device. 2,192,801; Mar. 5.
Poole, Lora E., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Coil retainer. 2,205,822; June 25.
Poole, Nina L., and E. R. Folsom, Riverside, Calif. Roast, cake, and pie lifter. 2,217,319; Oct. 8.
Poole, Richard S. (See Foster, R. F., and Poole.)
Poole, Treeby V., Natchez, Miss. Toe pad. 2,210,304; Aug. 6.
Pooley, Frank D., Jr., Philadelphia, Pa. Machine for photographing documents. 2,194,808; Mar. 26.
Poor & Company. (See Armstrong, Victor C., assignor.)
Poor & Company. (See Backes, Edward W., assignor.)
Poor & Company. (See Bates, S. E., Rodman, and Overmier, assignors.)
Poor & Company. (See Braine, Bancroft G., assignor.)
Poor & Company. (See Denz, L. J., and Daniels, assignors.)
Poor & Company. (See Disbrow, Clarkson A., assignor.)
Poor & Company. (See Gadd, William E., assignor.)
Poor & Company. (See Gallagher, John J., assignor.)
Poor & Company. (See Lansing, Horace L., assignor.)
Poor & Company. (See Lansing, H. L., and Delfox, assignors.)
Poor & Company. (See Schneider, Laurence A., assignor.)
Poor & Company. (See Warr, Harold G., assignor.)
Poor, Harvey W., Lexington, Ky. Steam and water leakage revealing structure for steam boilers. 2,189,473; Feb. 6.
Poor, Ralph H., Fort Collins, Colo. Lister furrow dammer. 2,217,381; Oct. 8.
Poorman, John E., Philadelphia, Pa. Tool post. 2,188,917; Feb. 6.
Poorman, John E., Philadelphia, Pa. Tap and die holder. 2,206,047; July 2.

Pope, Arthur W., Jr., assignor to Waukesha Motor Company, Waukesha, Wis. Injection engine. 2,189,082; Feb. 6.
Pope, Arthur W., Jr., and E. R. Rutenber, assignors to Waukesha Motor Company, Waukesha, Wis. Speed governing mechanism. 2,221,201; Nov. 12.
Pope, Francis, Glendale, Calif. Radio beacon system. 2,187,097; Jan. 16.
Pope, George E., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Friction facing and making same. 2,224,924; Dec. 17.
Pope, Lyman B., and G. T. Watt, assignors to Pope Machinery Corporation, Haverhill, Mass. Lubricating high-speed spindles. 2,221,457; Nov. 12.
Pope Machinery Corporation. (See Pope, L. B., and Watt, assignors.)
Pope Machinery Corporation. (See Watt, George T., assignor.)
Pope, Willis G., Angier, N. C. Oil burner. 2,194,984; Mar. 26.
Popiel, Maurice A. (See Megar, D., Popiel, and Schonholtz.)
Popoff, Alexander V., New York, N. Y. Hydraulic transmission. 2,197,482; Apr. 16.
Popov, Vladimir D., Prague-Bubenec, Czechoslovakia. Automatic weighing apparatus. 2,198,788; Apr. 30.
Popp, Edward, El Campo, Tex. Mail box. 2,193,378; Mar. 12.
Popp, Harry E., Loudonville, assignor to Fort Orange Chemical Co., Inc., Albany, N. Y. Package. 2,195,495; Apr. 2.
Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Vaporproof lamp. 2,209,931; July 30.
Popp, Rudolf, and M. C. Carlson, assignors to McGill Manufacturing Company, Valparaiso, Ind. Switch. 2,209,104; July 23.
Popp, Walter H., and G. S. MacDonald, assignors to Spencer Lens Company, Buffalo, N. Y. Object clamp for microtomes, etc. 2,212,953; Aug. 27.
Poppe, George W., Brooklyn, N. Y. Making siftproof bags. 2,209,901; July 30.
Poppe, George W., assignor to Equitable Paper Bag Co. Inc., Brooklyn, N. Y. Closure for receptacles. 2,201,592; May 21.
Poppe, George W., assignor to Equitable Paper Bag Co Inc., Brooklyn, N. Y. Making reinforced paper bags. 2,217,493; Oct. 8.
Poppe, George W., assignor to Equitable Paper Bag Co. Inc., Brooklyn, N. Y. Making coupon receptacles with closure locks. 2,217,494; Oct. 8.
Poppe, George W., assignor to Equitable Paper Bag Co. Inc., Brooklyn, N. Y. Receptacle with double detachable coupon. 2,226,943; Dec. 31.
Poppe, Wilhelm, Aktiengesellschaft. (See Bischof, Bernhard, assignor.)
Poppenga, William B., Lennox, S. Dak. Wire reel. 2,202,398; May 28.
Popper, Catherine S. (See Staud, C. J., and Popper.)
Popper, Julius S., Union City, N. J. Table shuffleboard. 2,207,550; July 9.
Popper, Julius S., Elizabeth, N. J. Projector for game apparatus. 2,207,551; July 9.
Porcelain Products, Inc. (See Meyer, Edwin M., assignor.)
Porcelain Products, Inc. (See Peck, Lee H., assignor.)
Porcelain Strip Mills, Inc. (See Crouse, C. D., and Marshall, assignors.)
Porocel Corporation. (See La Lande, William A., Jr., assignor.)
Poroma, John A., New York, N. Y. Waterproof brick wall. 2,192,366; Mar. 5.
Porsche, F., Dr. ing h. c., K.-G. (See Fitzner, Ernst, assignor.)
Porsche, F., Dr. ing h. c., K.-G. (See Komenda, Erwin, assignor.)
Porsche, F., Dr. ing. h. c., K.-G. (See Rabe, Karl, assignor.)
Porsche, F., Dr. ing. h. c. F., K.-G. (See Reimspiess, Franz, assignor.)
Porsche, Jules D., and F. J. Solms, assignors to Armour and Company, Chicago, Ill. Preparing cholesterol. 2,191,260; Feb. 20.
Porst, Frederic. (See Porst, John and F.)
Porst, John and F., Chicago, Ill. Adjustable bearing. 2,226,180; Dec. 24.
Portable Lamp & Equipment Company. (See Bourland, Charles R., assignor.)
Portable Lamp & Equipment Company. (See Nelms, George C., assignor.)
Portable Lamp & Equipment Company. (See Warden, Charles A., assignor.)
Portable Plating and Equipment Company. (See Donop, August W., assignor.)
Portail, Fernand C. F., Gennevilliers, assignor to Le Carbone Co., Gennevilliers, Seine, France. Electric battery. 2,221,106; Nov. 12.
Porter, Albert N., assignor to J. F. Darby, Tulsa, Okla. Rocking bearing for pumping units and the like. 2,193,379; Mar. 12.
Porter, Albert N., assignor to J. F. Darby, Tulsa, Okla. Counterbalance. 2,198,348; Apr. 23.
Porter, Albert N., assignor to J. F. Darby, Tulsa, Okla. Beam hanger. 2,218,343; Oct. 15.
Porter-Cable Machine Company, The. (See Emmons, Arthur N., assignor.)
Porter, Clarence M., Woodward, L. V. Porter, Altoona, and E. R. Hurlock, Woodward, Iowa. Producing a food product having a high lactic acid, enzyme, and vitamin content. 2,194,672; Mar. 26.
Porter, Donald C. (See Swanson, W. H., Lang, and Porter.)
Porter, Everett M. (See Githens, O. W., Kende, and Porter.)
Porter, Frank. (See Rogers, D. A., and Porter.)
Porter, Frank, Syracuse, assignor to The Solvay Process Company, New York, N. Y. Recovery and reutilization of ammonia and carbon dioxide in urea synthesis. 2,212,847; Aug. 27.
Porter, Frank, Syracuse, N. Y., and J. M. Duncan, Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Manufacture of ethylene. 2,185,566; Jan. 2.
Porter, George C. (See Edwards, W. H., Porter, and Terry.)
Porter, George K., Philadelphia, Pa., assignor, by mesne assignments, to American Instrument Company, Silver Spring, Md. Hydrometer. 2,195,339; Mar. 26.
Porter, Gilbert E., Detroit, assignor, by mesne assignments, to Power Devices Development Company, East Detroit, Mich. Control mechanism. 2,207,700; July 16.
Porter, Guy H., Linwood, Pa. Electric switch. 2,191,859; Feb. 27.
Porter, H. K., Inc. (See Lind, Francis T., assignor.)
Porter, H. K., Inc. (See Porter, H. W., and Lind, assignors.)
Porter, Henry W., Brookline, and F. T. Lind, assignors to H. K. Porter, Inc., Everett, Mass. Tire chain tool. 2,192,487; Mar. 5.
Porter, Henry W., Brookline, and F. T. Lind, Everett, assignors to H. K. Porter, Inc., Everett, Mass. Pole pruner and like tools. 2,203,926; June 11.
Porter, Kenneth C., Bessemer, Ala. Sign box. 2,212,454; Aug. 20.
Porter, Leroy V. (See Porter, Clarence M. and L. V., and Hurlock.)
Porter, Le Roy V., Altoona, Iowa. Detachable and adjustable reflecting element for use with a flashlight. 2,222,879; Nov. 26.
Porter-McLeod Machine Tool Co. (See Whitney, Ernest C., assignor.)
Porter, Oliver T., Barton, Md. Coal mining machine. 2,202,962; June 4.
Porter, Philip K., Jackson Heights, assignor to Interchemical Corporation, New York, N. Y. Newsprinting. 2,194,911; Mar. 26.
Porter, Richard W. (See Edwards, M. A., and Porter.)
Porter Steel Specialties. (See Parker, George M.)
Porter Steel Specialties. (See Parrish, Carl C., assignor.)
Porter, Thomas R., and W. L. Sullivan, Bloomfield, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Apparatus for measuring ultraviolet radiations. 2,200,853; May 14.
Porter, William A., Red Hill, Brisbane, Queensland, Australia. Manufacturing pipes of fibrocement and like material. 2,193,040; Mar. 12.
Porth, Henry W., Freeport, assignor, by mesne assignments, to Burgess Battery Company, Chicago, Ill. Battery. 2,225,460; Dec. 17.
Portland Gas & Coke Company. (See Hall, Elmon L., assignor.)
Portle, Clarence D., Chicago, Ill. Paper cutter stand. 2,214,176; Sept. 10.
Portmann, August, assignor to Schweizerische Lokomotiv- und Maschinenfabrik, Winterthur, Switzerland. Radial connecting rod assembly. 2,188,118; Jan. 23.
Portnow, Moris, New York, N. Y. Truss. 2,203,235; June 4.
Porwancher, Samuel R., assignor to Drying Systems, Inc., Chicago, Ill. Multiple oven heating and control system. 2,202,995; June 4.
Porzellanfabrik Kahla. (See Rath, W., and Handrek, assignors.)
Posada Zendejas, Eduardo, Mexico, D. F., Mexico, assignor to Electrol S. A. Protective device for electrical circuits. 2,203,853; June 11.
Poschadel, Leonard R., Milwaukee, Wis. Igniter. 2,201,501; May 21.
Pöschel, Alfred B., Chicago, Ill., assignor to Meyercord Company. Rubber transfer or decalcomania. 2,188,866; Jan. 30.
Pöschel, Alfred B., Chicago, Ill., assignor to Meyercord Company. Synthetic rubber ink. 2,188,867; Jan. 30.
Posey, Leroy R., Scotlandville, La. Educational device. 2,188,723; Jan. 30.
Posey, Victor C., Santa Barbara, Calif. Liquid separating device for containers. 2,186,041; Jan. 9.
Posnack, Emanuel R., Brooklyn, N. Y. Stapling device and method. 2,185,518; Jan. 2.
Posnack, Emanuel R., New York, N. Y. Holder for writing paraphernalia. 2,202,267; May 28.
Posnack, Emanuel R., New York, N. Y. Holder for desk paraphernalia. 2,202,300; May 28.
Posner, Charles, Pasadena, Calif., assignor to W. A. Arnesen, Flushing, N. Y. Miniature darkroom device for ophthalmoscopes. 2,186,206; Jan. 9.

Possenti, Aurelio, Guidonia, Italy, assignor to E. Rietti, Paris, France, and A. Possenti, Guidonia, Italy. Valve for combustion motors. 2,188,248; Jan. 23.
Post, Charles R. (See Post, Norman R. and C. R.)
Post, Charles R., Scarsdale, N. Y. Attachment for carburetors. 2,217,813; Oct. 15.
Post, Hoyt, Detroit, Mich. Safety control mechanism for valves. 2,214,347; Sept. 10.
Post, Kenneth E., Marlboro, assignor to A. G. Spalding & Bros. Inc., Chicopee, Mass. Shoe tongue. 2,210,430; Aug. 6.
Post, Norman R. and C. R., Santa Ana, Calif. Plow. 2,195,631; Apr. 2.
Postal Telegraph-Cable Company (New York). (See Hallden, Frederick G., assignor.)
Postal Telegraph-Cable Company (New York). (See Vernam, Gilbert S., assignor.)
Postal Telegraph-Cable Company (New York). (See Vernam, G. S., and Wishart, assignors.)
Posthumus, Klaas, Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Frequency changer. 2,190,731; Feb. 20.
Posthumus, Klaas, Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Directional antenna system. 2,205,174; June 18.
Postlethwait, Columbus E., Wheeling, W. Va., assignor of one-fourth to D. B. Ball, West Alexander, Pa. Supporting bracket for electric conductors. 2,218,769; Oct. 22.
Postlewaite, William R. (See Bryan, L., and Postlewaite.)
Postlewaite, William R., assignor to Standard Oil Company of California, San Francisco, Calif. Helical feed device. 2,198,178; Apr. 23.
Posture Research Corporation. (See Jones, Arthur E., assignor.)
Potapenko, Gennady, Pasadena, Calif., assignor to Geo-Frequenta Corporation. Determining the presence of oil. 2,190,320; Feb. 13.
Potapenko, Gennady, Pasadena, Calif., assignor to Geo-Frequenta Corporation. Method and apparatus for geophysical prospecting. 2,190,321; Feb. 13.
Potapenko, Gennady, Pasadena, Calif., assignor to Geo-Frequenta Corporation. Geophysical prospecting. 2,190,322; Feb. 13.
Potapenko, Gennady, Pasadena, Calif. Apparatus for determining the inclination and direction of a hole. 2,190,950; Feb. 20.
Potapenko, Gennady, and D. Folland, Pasadena, Calif., assignors to Geo-Frequenta Corporation. Method of and apparatus for geophysical prospecting. 2,190,323; Feb. 13.
Potash Company of America. (See Anderson, Leslie D., assignor.)
Potash Company of America. (See Weinig, Arthur J., assignor.)
Potash, Norman, Baltimore, Md. Abrading or sanding machine and method. 2,195,340; Mar. 26.
Potato Corporation of Idaho. (See Gano, Orville, assignor.)
Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Collapsible shaft. 2,187,138; Jan. 16.
Potdevin, Adolph, Garden City, Long Island, assignor to Potdevin Machine Company, Brooklyn, N. Y. Slip-sheet apparatus. 2,218,217; Oct. 15.
Potdevin, Adolph, Garden City, and P. Hunziker, Hamilton Beach, assignors to Potdevin Machine Company, Brooklyn, N. Y. Method of and apparatus for making bags and the like. 2,191,497; Feb. 27.
Potdevin, Adolph, Garden City, and R. L. Richmond, Yonkers, assignors to Potdevin Machine Company, Brooklyn, N. Y. Web handling apparatus. 2,203,181; June 4.
Potdevin, Adolph, Garden City, and R. L. Richmond, Yonkers, assignors to Potdevin Machine Company, Brooklyn, N. Y. Winding apparatus. 2,206,580; July 2.
Potdevin, Adolph, Garden City, and R. L. Richmond, Yonkers, assignors to Potdevin Machine Company, Brooklyn, N. Y. Container and closure therefor. 2,216,133; Oct. 1.
Potdevin, Adolph, Garden City, and P. Hunziker, Hamilton Beach, assignors to Potdevin Machine Company, Brooklyn, N. Y. Method of and apparatus for making bags and the like. 2,216,212; Oct. 1.
Potdevin Machine Company. (See Potdevin, Adolph, assignor.)
Potdevin Machine Company. (See Potdevin, A., and Hunziker, assignors.)
Potdevin Machine Company. (See Potdevin, A., and Richmond, assignors.)
Potez, Henry C. A., Meaulte, Somme, France. Auxiliary service plant for aircraft. 2,223,703; Dec. 3.
Pothe, Guy R., Fullerton, Calif. Oil tool spinner. 2,208,388; July 16.
Potishman, Ruth, Fort Worth, Tex. Cigarette and vanity case. 2,191,680; Feb. 27.
Potocek, Paul, Hebron, Conn. Combined strainer and cooler. 2,210,256; Aug. 6.
Potoczky, Joseph B. (See Hileman, L. G., Moreland, and Potoczky.)
Potstada, George, Oakland, Calif. Cutter for vegetables. 2,227,364; Dec. 31.
Potter, Albert T., assignor to Ainsworth Manufacturing Company, Detroit, Mich. Windshield frame. 2,204,769; June 18.
Potter and Brumfield Manufacturing Co. (See Potter, E. E., and Brumfield, assignors.)
Potter, Charles M. (See Bremner, C. St. J., and Potter.)
Potter, Charles P., assignor to Wagner Electric Corporation, St. Louis, Mo. Control system for polyphase motors. 2,191,158; Feb. 20.
Potter, Charles W., Waltham, Mass. Manifold envelope strip. 2,192,559; Mar. 5.
Potter, Charles W., Waltham, Mass. Manifolding. 2,208,341; July 16.
Potter, Earl C., Chicago, Ill., assignor to Fels & Company. Carton. 2,205,068; June 18.
Potter, Elbert E., Princeton, and R. M. Brumfield, Owensville, assignors to Potter and Brumfield Manufacturing Co., Inc., Princeton, Ind. Electrical control apparatus for stokers and the like. 2,196,802; Apr. 9.
Potter, Elbert L., assignor to Houde Engineering Corporation, Buffalo, N. Y. Automobile heating structure. 2,202,920; June 4.
Potter, Frank M., Rome, assignor to General Cable Corporation, New York, N. Y. Insulated electrical conductor. 2,187,401; Jan. 16.
Potter, Frederick J., New Brunswick, N. J., assignor to Michael Zimic, Forest Hills, West, N. Y. Spring jack for knitting machines. 2,219,600; Oct. 29.
Potter, Gordon W., Dayton, Ohio. Plug connector. 2,189,251; Feb. 6.
Potter, Howard L. (See Reichert, J. S., McNeight, and Potter.)
Potter, Joel S., Valley Cottage, assignor to L. Wilputte, New Rochelle, N. Y. Coke oven door. 2,195,840; Apr. 2.
Potter, Joel S., West Nyack, assignor to L. Wilputte, New Rochelle, N. Y. Coke oven charge leveling apparatus. 2,197,943; Apr. 23.
Potter, John, Brooklyn, N. Y. Recording device for radio receivers. 2,210,380; Aug. 6.
Potter, John T., Brooklyn, N. Y. Radio recorder. 2,213,886; Sept. 3.
Potter & Johnston Machine Company. (See Curtis, Myron S., assignor.)
Potter, Linn E., assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Line justifier for typewriting machines. 2,223,529; Dec. 3.
Potter, Robert S., Old Greenwich, assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Door closer. 2,216,695; Oct. 1.
Potter, Robert S., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Door closer. 2,226,257; Dec. 24.
Potter, Rowland S., Brightford Heights, and L. Webster, assignors to Defender Photo Supply Company, Incorporated, Rochester, N. Y. Photographic film. 2,214,205; Sept. 10.
Potter, Thomas I., Buffalo, N. Y. Ice-making apparatus. 2,220,001; Oct. 29.
Potter, Thomas I., Buffalo, N. Y. Compressor. 2,221,149; Nov. 12.
Potter, Thomas I., Buffalo, N. Y. Ice-making apparatus. 2,221,694; Nov. 12.
Potter, Thomas I., assignor to Refrigeration Patents Corporation, Buffalo, N. Y. Refrigerator. 2,219,789; Oct. 29.
Potter, William S., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Radio frequency drift indicator. 2,187,865; Jan. 23.
Potter, William W., Narragansett, R. I. Machine tool. 2,220,425; Nov. 5.
Potter, William W., Narragansett, R. I. Power transmitting mechanism. 2,225,886; Dec. 24.
Potts, Allen D., Lockport, N. Y., and D. Simonds, Hollis, N. H., assignors to Simonds Saw and Steel Co., Fitchburg, Mass. Tool steel. 2,204,283; June 11.
Potts, Chalmer A., Cleveland, Ohio. Pump for hydraulic jack systems. 2,222,467; Nov. 19.
Potts, Clyde, Morristown, and C. G. Wigley, Margate City, N. J.; said Wigley assignor to said Potts. Treating sewage. 2,206,851; July 2.
Potts, Dominick, Maspeth, Long Island, N. Y. Dyeing machine. 2,221,489; Nov. 12.
Potts, Ernest L., assignor to Sharp Deflecting Tool Company, Houston, Tex. Deflecting bit. 2,196,940; Apr. 9.
Potts, Louis M., Evanston, Ill., assignor, by mesne assignments, to Teletypesetter Corporation. Linecasting and composing machine. Re. 21,543; Aug. 27.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Start-stop repeater system. 2,195,973; Apr. 2.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Keyboard. 2,200,807; May 14.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Start-stop repeater system. 2,214,910; Sept. 17.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Telegraph transmitter. 2,219,904; Oct. 29.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Magnetron telegraphic repeater. 2,220,379; Nov. 5.
Potts, Louis M., Evanston, Ill., assignor, by mesne assignments, to Teletypesetter Corporation. Keyboard perforator and counter. 2,222,631; Nov. 26.

Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Telegraph message classification system. 2,225,657; Dec. 24.
Potts, Ralph H., La Grange, and J. E. McKee, Western Springs, assignors to Armour and Company, Chicago, Ill. Fractionating fatty acids. 2,212,127; Aug. 20.
Potts, Ralph H., La Grange, and J. E. McKee, Western Springs, assignors to Armour and Company, Chicago, Ill. Fractional distillation of fatty acid materials. 2,224,925; Dec. 17.
Potts, Ralph H., La Grange, and J. E. McKee, Western Springs, assignors to Armour and Company, Chicago, Ill. Treatment of fatty acids. 2,224,926; Dec. 17.
Potts, Ralph H., La Grange, and John E. McKee, Western Springs, assignors to Armour and Company, Chicago, Ill. Producing soap. 2,224,985; Dec. 17.
Potts, Ralph H., La Grange, and J. E. McKee, Western Springs, assignors to Armour and Company, Chicago, Ill. Fatty acid treatment. 2,224,986; Dec. 17.
Potts, Ralph H., Chicago, and J. E. McKee, Western Springs, assignors to Armour and Company, Chicago, Ill. Fatty acid distillation. 2,224,984; Dec. 17.
Potts, Robert S., Ballarat, Victoria, Australia. Display case. 2,198,459; Apr. 23.
Potts, Roy C., Takoma Park, Washington, D. C. Device and method for handling eggs. 2,191,061; Feb. 20.
Potts, Royce H., Brooklyn, assignor to Ramel Manufacturing Co., Inc., New York, N. Y. Toilet article construction. 2,190,677; Feb. 20.
Potts, William F., Fort Worth, Tex. Retainer for paper bags. 2,186,343; Jan. 9.
Poulter, John W., assignor to Koehring Company, Milwaukee, Wis. Compaction machine. 2,199,649; May 7.
Pound-Corner, Harold S. (See Binney, E. A., Pound-Corner, and Sedgfield.)
Pound, Darwin W., Newark, Ohio. Auxiliary spreader leaf. 2,192,802; Mar. 5.
Pound, Howard W., and M. K. Rush, assignors to American Air Filter Company, Inc., Louisville, Ky. Self cleaning electric gas cleaner. 2,212,885; Aug. 27.
Pound, Thelma F. E., Ellensburg, Wash. Fountain brush. 2,203,361; June 4.
Poupitch, Ougljesa J., assignor to Illinois Tool Works, Chicago, Ill. Testing machine. 2,206,852; July 2.
Poupitch, Ougljesa J., assignor to Illinois Tool Works, Chicago, Ill. Gear testing and recording machine. 2,206,853; July 2.
Pousman, Gertrude, administratrix. (See Rosenberg, Samuel and T.)
Poux, Noel J., Meadville, Pa., assignor to Talon, Inc. Slide fastener. 2,190,608; Feb. 13.
Poux, Noel J., Meadville, Pa., assignor to Talon, Inc. Forming separable fasteners. 2,202,230; May 28.
Poux, Noel J., Meadville, Pa., assignor to Talon, Inc. Slider for slide fasteners. 2,222,988; Nov. 26.
Poux, Noel J., Meadville, Pa., assignor to Talon, Inc. Slide fastener. 2,225,286; Dec. 17.
Powdrell & Alexander, Inc. (See Carragher, Hugh J., assignor.)
Powell, Alan R., London, assignor to Johnson, Matthey & Company, Limited, London County, England. Manufacture and production of hard solders. 2,189,640; Feb. 6.
Powell, Albert C., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Trouble recorder. 2,202,921; June 4.
Powell, Angle W., Boerne, Tex. Building unit. 2,212,184; Aug. 20.
Powell, Clayton S. (See Graves, E. R., Powell, Kubalanza, and Voigt.)
Powell, Daniel W., Jr., Baltimore, Md. Diaphragmeter. 2,194,809; Mar. 26.
Powell, Edward R., North Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Method and apparatus for melting rock and making products therefrom. 2,190,271; Feb. 13.
Powell, Edward R., Alexandria, Ind., assignor to Johns-Manville Corporation, New York, N. Y. Apparatus for the manufacture of mineral wool. 2,192,524; Mar. 5.
Powell, Ellis G. (See Crosthwait, D. N., Jr., and Powell.)
Powell, Eric S., Evansville, Ind. Pencil clip. 2,188,232; Jan. 23.
Powell, Everton B., Maplewood, N. J., assignor to Radio Corporation of America. Wire treating furnace. 2,218,177; Oct. 15.
Powell, George E., Glendale, Calif. Land and water vehicle. 2,223,855; Dec. 3.
Powell, Gordon F. W., Deptford, London, assignor to Molins Machine Company, Limited, London, England. Weighing mechanism. 2,220,544; Nov. 5.
Powell, H. S. (See Robbins, Brewster G., assignor.)
Powell, Henry K., Chicago, Ill. Bottle holder. 2,206,918; July 9.
Powell, Henry K., Chicago, Ill. Bottle holder. 2,217,028; Oct. 8
Powell, Herbert S. (See Robbins, Brewster G., assignor.)
Powell, Herbert S., Utica, N. Y. Assembling mufflers. 2,187,431; Jan. 16.
Powell, Howard J. (See Broom, T. C., and Powell.)
Powell, John, & Co. (See Rinke, George R., assignor.)
Powell, John, Kokomo, Ind. Ear elevating and trash ejecting means for corn pickers. 2,223,704; Dec. 3.
Powell, Le Roy G., Harlem, Mont. Ventilated boot. 2,190,802; Feb. 20.
Powell, Max. (See White, H. C., and Powell.)
Powell, Paul R., Kansas City, Mo., and H. W. Badeker, Kansas City, Kans. Dishwashing machine. 2,212,649; Aug. 27.
Powell, Raymond E., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Making riveted articles. 2,208,732; July 23.
Powell, Robert V., Oakland, Calif. Electric shaver light. 2,195,423; Apr. 2.
Powell, Samuel F. (See Schwab, J. W., Powell, and Smith.)
Powell, Vernon R. (See King, J. E., and Powell.)
Powell, Wm., Company, The. (See Dom, Chesley, assignor.)
Powell, William T., Ocean City, N. J., and R. M. Urquhart, Philadelphia, Pa. Method and apparatus for cleaning fluid circulating systems. 2,222,516; Nov. 19.
Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone call distributing system. 2,187,174; Jan. 16.
Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Remotely controlled radio receiving system. 2,205,272; June 18.
Power Devices Development Company. (See Porter, Gilbert E., assignor.)
Powerlite Switchboard Company, The. (See Jirka, J. F., McCurdy, Slager, and Ernest, assignors.)
Power Patents Company. (See Brandt, David G., assignor.)
Power Patents Company. (See Cromwell, J. H., and Merley, assignors.)
Power Patents Company. (See Forney, William E., assignor.)
Power Patents Company. (See Frame, A. P., and Price, assignors.)
Power Patents Company. (See Lyons, Henry N., assignor.)
Power Patents Company. (See Miller, Benjamin, assignor.)
Power Patents Company. (See Morgan, John D., assignor.)
Power Patents Company. (See Morgan, J. D., and Levitt, assignors.)
Power Patents Company. (See Morgan, J. D., and Lowe, assignors.)
Power Patents Company. (See Morgan, J. D., and Sullivan, assignors.)
Power Patents Company. (See Oberhollenzer, Joseph, assignor.)
Power Patents Company. (See Sullivan, Alan P., assignor.)
Power Patents Company. (See Wydler, Johann J., assignor.)
Power Research Corporation. (See Bowers, Thomas A., assignor.)
Power Specialties Limited. (See Cockburn, David H., assignor.)
Power Transmission Company, The. (See Weber, Ernst, assignor.)
Powers, A. R., et al. (See Darling, Louis H., assignor.)
Powers Accounting Machines Limited. (See Johnson, William E., assignor.)
Powers Accounting Machines Limited. (See Thomas, Arthur, assignor.)
Powers, Donald H., Tacoma, Wash. Heating and air conditioning unit. 2,225,181; Dec. 17.
Powers, Donald H., Moorestown, N. J., and L. H. Bock and A. L. Houk, assignors to Röhm & Haas Company, Philadelphia, Pa. Water soluble ethers of alpha cellulose. 2,216,045; Sept. 24.
Powers, Frank T., Glen Cove, N. Y. Plate cooling method and apparatus. 2,221,998; Nov. 19.
Powers, James H., Fort Wayne, Ind., assignor to General Electric Company. Comminution and disposal of waste material. 2,220,729; Nov. 5.
Powers, John B., and S. W. McBirney, Davis, Calif., assignors to United States Beet Sugar Association, Washington, D. C. Topper. 2,212,751; Aug. 27.
Powers, John M., Cleveland Heights, Ohio. Candlestick. 2,208,279; July 16.
Powers, Joseph B., Flushing, N. Y. Valve. 2,204,257; June 11.
Powers, Kenneth P., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Lubricant. 2,203,102; June 4.
Powers, Milton A., Detroit, Mich. Process and apparatus for the manufacture of insulating material. 2,187,432; Jan. 16.
Powers, Milton A., Detroit, Mich. Fabric material. 2,224,274; Dec. 10.
Powers, Raymond, Syracuse, assignor to The assignor to The Borden Company, New York, N. Y. Milk product. 2,223,269; Nov. 26.
Powers Regulator Company, The. (See Dale, Irving H., assignor.)
Powers Regulator Company, The. (See Kirchhoff, Richard C., assignor.)
Powers Regulator Company, The. (See Mueller, Harold C., assignor.)
Powers, Walter H. (See Jensen, G., and Powers.)
Powers, Walter R., Pittsburgh, Pa. Flush tank valve construction. 2,206,235; July 2.
Powers, William R. (See McCarroll, R. H., Reams and Powers.)

Powley, Otto, assignor to R. Powley & Sons Limited, Sunderland, England. Sterilizing empty vessels and apparatus therefor. 2,194,463; Mar. 26.
Powley, R., & Sons Limited. (See Powley, Otto, assignor.)
Pownall, Henry B., assignor to York Ice Machinery Corporation, York, Pa. Refrigeration. 2,223,900; Dec. 3.
Poynter, Emery C., Kansas City, Mo. Dust receptacle for vacuum cleaners. 2,187,052; Jan. 16.
Pracchia, Peter J., Petaluma, Calif. Latching and unlatching swinging closures. 2,194,871; Mar. 26.
Pracisions Mechanische und Optische Anstalt Ferdinand Suss A. G. (See Rybar, Istvan, assignor.)
Practical Burial Slipper Company. (See Schulte, Charles F., assignor.)
Praeg, Walter S., assignor to National Broach & Machine Company, Detroit, Mich. Testing apparatus. 2,202,638; May 28.
Praeg. Walter S., assignor to National Broach & Machine Company, Detroit, Mich. Machine for shaving gear segments. 2,226,018; Dec. 24.
Prafcke, Herbert W. (See Tornquist, Earl L., assignor.)
Pragalz, Frank J. (See Pragalz, Leo and F. J.)
Pragalz, Leo and F. J., Sheboygan, Wis. Cuspidor. 2,193,206; Mar. 12.
Prall, John H. (See Carmichael, E. C., De Gray, and Prall.)
Prance, Alvin W., Pleasant Ridge, assignor to Briggs Manufacturing Company, Detroit, Mich. Assist cord assembly. 2,203,340; June 4.
Prange, Maurice N., Detroit, assignor to Detroit Home Equipment Corporation, Ferndale, Mich. Honing tool. 2,201,593; May 21.
Prat, Malcolm F. (See Hope, G. A., Linton, and Pratt.)
Prater, Charles, Seminole, and H. F. Brindel, Tulsa, Okla., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Oil treating heater and the like. 2,193,041; Mar. 12.
Pratt, Annette H., administratrix. (See Pratt, William B.)
Pratt, Harry P., et al., trustees. (See Pratt, Harry P., assignor.)
Pratt, Harry P., Chicago, Ill., assignor, by mesne assignments, to H. P. Pratt, W. F. Grower, H. A. Allen, H. T. Ballard and G. S. Herrington, trustees acting as Pratt Radio Trust. Radio apparatus. Re. 21,420; Apr. 9.
Pratt, Harry P., Chicago, Ill., assignor, by mesne assignments, to H. P. Pratt, W. F. Grower, H. A. Allen, H. T. Ballard, and G. S. Herrington, trustees acting as Pratt Radio Trust. Method of and apparatus for shielding radio instrumentalities. 2,200,678; May 14.
Pratt, John R. (See Jewel, P. W., and Pratt.)
Pratt, John W., Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Heel-seat fitting machine. 2,185,420; Jan. 2.
Pratt, John W., and W. A. Barker, Leicester, England, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for operating on shoes. 2,207,819; July 16.
Pratt, John W., and H. Boothroyd, Leicester, England, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Coating with thermoplastics. 2,221,880; Nov. 19.
Pratt-Low Preserving Company. (See Dotta, Louis, assignor.)
Pratt, Malcolm F., Elmhurst, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Metal-finished candle. 2,187,053; Jan. 16.
Pratt Radio Trust. (See Pratt, Harry P., assignor.)
Pratt, Raymond C., assignor to H. B. Dodge and Company, Chicago, Ill. Blind. 2,212,718; Aug. 27.
Pratt, Read & Company. (See Betz, William G., assignor.)
Pratt, Richard H., Mobile, Ala. Permanent cotton bale identifying means. 2,204,149; June 11.
Pratt, Robert H., Milwaukee, Wis. Volume control for radio receivers. 2,207,023; July 9.
Pratt, Rodney F., Grahamsville, assignor of one-half to M. Dittenheimer, Ellenville, N. Y. Feedback circuit and radio receiver. 2,187,402; Jan. 16.
Pratt, Seely F., and H. H. Yawman, assignors to Union Steel Chest Corporation, Le Roy, N. Y. Cabinet. 2,226,670; Dec. 31.
Pratt, Stanley E. (See Knight, E. W., and Pratt.)
Pratt, William B., deceased, Boston, Mass.; A. H. Pratt, administratrix, assignor, by mesne assignments, to Aldox Corporation, Dover, Del. Treating cellulose fibers. 2,220,426; Nov. 5.
Pratt, William B., deceased, Boston, Mass.; A. H. Pratt, administratrix, assignor to Aldox Corporation, Dover, Del. Treating cellulosic fibrous materials. 2,220,804; Nov. 5.
Pratt, William B., deceased, Boston, Mass.; A. H. Pratt, administratrix, assignor to Aldox Corporation, Dover, Del. Treatment for animal fiber. 2,220,805; Nov. 5.
Pratt, William H., Lynn, Mass., assignor to General Electric Company. Liquid level indicator. 2,211,606; Aug. 13.
Pray, Gordon D., assignor to Globe Knitting Works, Grand Rapids, Mich. Underwear. 2,204,380; June 11.
Pray, James E., Danvers, assignor to Hygrade Sylvania Corporation, Salem, Mass. Base pin lead-in wire cutter. 2,218,480; Oct. 15.
Pray Research Corporation. (See Pray, William O., assignor.)
Pray, Thomas E., assignor to Goodman Manufacturing Company, Chicago, Ill. Apparatus for stowing rock in a coal mine. 2,205,124; June 18.
Pray, Thomas E., assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. 2,220,274; Nov. 5.
Pray, William O., assignor to Pray Research Corporation, De Beque, Colo. Method of and an apparatus for effecting heat transfer from a molten material heat-carrying medium in the heat treatment of substances in the gaseous and vaporous state. 2,218,153; Oct. 15.
Prazak, Emil. (See Kierner, Anton, assignor.)
Prazak, Emil, Jr., administrator. (See Prazak, Emil.)
Prazak, Emil, deceased; E. Prazak, Jr., administrator, Elizabeth, N. J. Label sewing machine. 2,189,045; Feb. 6.
Preacher, Charles B., Sumter, S. C. Fabric cleanser. 2,191,914; Feb. 27.
Preble, Norman H., Grosse Pointe, assignor to Jervis B. Webb Company, Detroit, Mich. Conveyer system. 2,193,076; Mar. 12.
Precision Finishing Machine Corporation. (See Hicks, Harry J., assignor.)
Precision Instruments, Inc. (See Carey, Lawrence W., assignor.)
Precision Scientific Company. (See Martin, F. S., and Kelley, assignors.)
Precision Scientific Company. (See Newman, Alexander I., assignor.)
Precision Scientific Company. (See Newman, A. I., and Short, assignors.)
Precision Wireless Devices Limited. (See Naden, James H., assignor.)
Predmore, Harvey H., Portland, Oreg., assignor to Albert Edward Pearsall, Vancouver, British Columbia, Canada. Auxiliary printing attachment for printing presses. 2,186,042; Jan. 9.
Preferred Utilities Company. (See O'Day, Cortland N., assignor.)
Prell, Christian, et al. (See Kormann, Franz, assignor.)
Prelog, Vlado, Zagreb, Yugoslavia. Preparing quinuclidine and derivatives thereof. 2,192,840; Mar. 5.
Premier Engineering Company. (See Johnson, Frank H., assignor.)
Premier Neckwear Company. (See Keshefsky, H., and Levine, assignors.)
Premier Thread Company. (See Mahoney, William E., assignor.)
Premo, Owen D., Muskegon Heights, Mich. Electric pencil sharpener. 2,208,911; July 23.
Prendergast, Clarence T. (See Gillis, R., and Prendergast.)
Prendergast, William L., Fort Smith, Ark. Electric base plate. 2,201,919; May 21.
Prentice, Earle E., Palo Alto, Calif. Self-aligning bearing. 2,189,117; Feb. 6.
Prentice, G. E., Mfg. Co., The. (See Legat, Robert C., assignor.)
Prentice, Pierrepont I., Pelham Manor, N. Y., assignor to Time, Inc., New York, N. Y. Envelope. 2,200,099; May 7.
Prentice, Robert B., Houma, La. Centralizer and protector for an oil well string. 2,188,119; Jan. 23.
Prentiss, Edward. (See Goeller, Joseph A., assignor.)
Presburg, Emil. (See Klein, Enrico, assignor.)
Presby, Leroy Q., Melrose, assignor to American Stay Company, East Boston, Mass. Printing press. 2,213,130; Aug. 27.
Presby, Leroy Q., Melrose, assignor to American Stay Company, East Boston, Mass. Printing press. 2,226,513; Dec. 24.
Prescott, Arthur T., assignor to J. Edward Ogden Company, East Orange, N. J. Turn-over door. Re. 21,650; Dec. 3.
Prescott, Arthur T., assignor to J. Edward Ogden Company, East Orange, N. J. Turn-over door. 2,187,363; Jan. 16.
Prescott, Charlie B., Oriental, N. C. Net mending tool. 2,226,324; Dec. 24.
Prescott, Charles H., Jr., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Photoelectric tube. 2,217,205; Oct. 8.
Prescott, Clyde A., and L. M. Jackson, Middletown, Pa. Cigarette dispenser and igniter. 2,216,675; Oct. 1.
Prescott, Ford L., Dayton, Ohio. Internal combustion engine. 2,196,228; Apr. 9.
Prescott, Harold R. (See Athy, L. F., and Prescott.)
Prescott, William E. (See Macfarlane, R. F., and Prescott.)
Prescott, William E. (See Tunley, A. A., and Prescott.)
Prescott, William T. (See Hambleton, F., and Prescott.)
Preservators Limited. (See Ryner, Arthur, assignor.)
Press, Carl. (See Goepfrich, R. A., and Press.)
Press, John A. (See Lindsay, J. D., Wiggins, and Press.)
Press Wireless, Inc. (See Bernstein, Philip, assignor.)
Press Wireless, Inc. (See Hilferty, Richard A., assignor.)
Press Wireless, Inc. (See Rustad, Arthur C., assignor.)

Pressed Steel Car Company. (See Abkowitz, Harold E., assignor.)
Pressed Steel Car Company. (See Anderson, John P., assignor.)
Pressed Steel Car Company. (See Asper, Kaare O., assignor.)
Pressed Steel Car Company. (See Miller, Carl W., assignor.)
Pressed Steel Car Company. (See Schmohl, Alfred C., assignor.)
Pressed Steel Company Limited. (See Sutherland, Arthur D., assignor.)
Pressed Steel Company of Great Britain Limited, The. (See Swallow, William, assignor.)
Pressley, Jackson H., Abington, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Automatic position-selecting device. 2,188,918; Feb. 6.
Pressley, Jackson H., Grosse Pointe Park, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Antenna circuit for radio receivers and the like. 2,203,442; June 4.
Pressley, Jackson H., Marion, Ind., assignor, by mesne assignments, to Pennsylvania Patents, Inc., Carson City, Nev. Power supply circuit. 2,211,073; Aug. 13.
Pressman, J., & Co. (See Ferrary, Ferdinand F., assignor.)
Prest, Ralph R. (See Pearson, T. F., and Prest.)
Prestinari, Eugen, Summit, assignor to Gemex Company, Newark, N. J. Bracelet connecting link. 2,185,736; Jan. 2.
Prestinari, Eugen, Summit, assignor to Gemex Company, Newark, N. J. Watchcase. 2,226,138; Dec. 24.
Presto Recording Corporation. (See Gruber, M. M., and Saliba, assignors.)
Prestole Devices, Inc. (See Kost, Harold W., assignor.)
Prest-O-Lite Battery Company. (See Doyen, Daniel, assignor.)
Prest-O-Lite Battery Company, Inc. (See Hopkins, Mark A., assignor.)
Prest-O-Lite Company, The. (See Kojola, H. V., and O'Brian, assignors.)
Prest-O-Lite Company, The. (See O'Brian, Maurice, assignor.)
Prest-O-Lite Company, The. (See Tuel, William G., assignor.)
Preston, Alexander P., Denver, Colo. Dental mouth mirror. 2,192,103; Feb. 27.
Preston, Alfred L., Moorestown, N. J., and A. J. Sterling, Brooklyn, N. Y. Container filling machine. 2,221,435; Nov. 12.
Preston, Charles H., New York, N. Y. Automatic safety door lock for motor vehicles. 2,217,495; Oct. 8.
Preston, Everett A., assignor to D. J. Murray Manufacturing Co., Wausau, Wis. Spray producer. 2,220,275; Nov. 5.
Preston, John, Burlington, N. J., assignor to Radio Corporation of America, New York, N. Y. Sound reproducing apparatus. 2,206,427; July 2.
Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,204,445; June 11.
Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system. 2,215,436; Sept. 17.
Preston, Neil D., assignor to General Railway Signal Co., Rochester, N. Y. Centralized traffic controlling system. 2,215,437; Sept. 17.
Preston, Neil D., Rochester, and F. B. Hitchcock, Greece, assignors to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,217,206; Oct. 8.
Preston, Ray W., Clackamas County, Oreg. Spring base for machines. 2,211,385; Aug. 13.
Prevost, Joseph C., New Orleans, La. Bedclothes holder. 2,227,365; Dec. 31.
Price, Albert O., Leesville, assignor to W. J. Wesseler, East Cleveland, Ohio. Automatic dustpan. 2,224,694; Dec. 10.
Price, Arnold F., Hartsdale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,217,769; Oct. 15.
Price, Arthur E. (See Graham, G. M., and Price.)
Price, Bailey E., Columbus, Ohio. Proportional sampler. 2,225,798; Dec. 24.
Price, Charles S., Hollis, N. Y. Sheet of stars and method of manufacture. 2,188,310; Jan. 30.
Price, Christian A., Borger, Tex. Storage tank. 2,193,380; Mar. 12.
Price, Donald, and F. D. Pickel, New York, N. Y., assignors to National Oil Products Company, Harrison, N. J. Thiazole compound and preparing the same. 2,209,092; July 23.
Price, Duane W. (See Collins, Edward J., assignor.)
Price, Earl E. (See Pennock, E. M., and Price.)
Price, Earl R. (See Price, Harold W. and E. R.)
Price, Edward T., assignor to Cadillac Malleable Iron Co., Cadillac, Mich. Dual axle driving unit for motor vehicles. 2,206,752; July 2.
Price, Edward T., assignor to Cadillac Malleable Iron Co., Cadillac, Mich. Vehicle axle sleeve. 2,210,499; Aug. 6.
Price, Emil, and W. A. Pfister, Los Angeles, Calif. Silencing and antisiphoning device. 2,209,473; July 30.
Price, Everett B., San Francisco, Calif. Whisky aging device. 2,209,474; July 30.
Price, Fannie, New York, N. Y. Pressing hair comb. 2,202,672; May 28.
Price, Frank S., Los Angeles, Calif. Self-wringing rubber mop. 2,194,150; Mar. 19.
Price, Garfield, Gary, Ind. Universal electric connector. 2,221,925; Nov. 19.
Price, George E., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heater unit. 2,199,650; May 7.
Price, George H. S., Wembley Park, assignor to The General Electric Company Limited, London, England. Magnetic metallic material containing tungsten. 2,206,537; July 2.
Price, Harold W., assignor to Bendix Products Corporation, South Bend, Ind. Gear shifting mechanism. 2,202,866; June 4.
Price, Harold W., assignor to Bendix Products Corporation, South Bend, Ind. Monitor control gear shift. 2,218,136; Oct. 15.
Price, Harold W., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission control. 2,227,273; Dec. 31.
Price, Harold W. and E. R., assignors to Bendix Products Corporation, South Bend, Ind. Clutch control mechanism. 2,194,768; Mar. 26.
Price, Harold W., and E. R., assignors to Bendix Products Corporation, South Bend, Ind. Clutch control mechanism. 2,212,954; Aug. 27.
Price, Harold W. and E. R., assignors to Bendix Aviation Corporation, South Bend, Ind. Pressure differential operated motor. 2,212,955; Aug. 27.
Price, Harold W. and E. R., assignors to Bendix Products Corporation, South Bend, Ind. Clutch control mechanism. 2,215,716; Sept. 24.
Price, Harold W., and E. R., assignors to Bendix Products Corporation, South Bend, Ind. Clutch control mechanism. 2,227,274; Dec. 31.
Price, Iru P., San Luis Obispo, Calif. Accordion. 2,220,276; Nov. 5.
Price, James L. (See Fleet, Thurman G., assignor.)
Price, James W., Roanoke, Va. Fracture nail and machine for making same. 2,222,517; Nov. 19.
Price, Jehu, assignor, by mesne assignments, to Peerless Brands, Inc., Philadelphia, Pa. Doughnut-making machine. 2,186,767; Jan. 9.
Price, John F., assignor to Oswego Falls Corporation, Fulton, N. Y. Bottle cap. 2,218,718; Oct. 22.
Price, Joseph. (See Jones, Charles F., assignor.)
Price, Joseph, West New Brighton, Staten Island, assignor to The Griscom-Russell Company, New York, N. Y. Closure for heat exchangers. 2,192,328; Mar. 5.
Price, Joseph, West New Brighton, Staten Island, assignor to The Griscom-Russell Company, New York, N. Y. Heat exchanger. 2,219,659; Oct. 29.
Price, Josiah G., I. Sneva, and A. Weis, Chicago, Ill. Garter clasp and the like. 2,217,770; Oct. 15.
Price, Judson, Dexter, Mo. Waste pipe cleaning machine. 2,218,050; Oct. 15.
Price, Kenneth A., Los Angeles, Calif. Domestic mold for frozen stick confections. 2,193,342; Mar. 12.
Price, Laurence L., Los Angeles, and M. E. Maltby, Bell, Calif. Towel dispenser with indicating towel. 2,215,052; Sept. 17.
Price, Manley R., Cleveland, Ohio, assignor to The Celotex Corporation, Chicago, Ill. Composite thermal insulating unit. 2,198,885; Apr. 30.
Price, Nathan C., assignor to Boeing Aircraft Company, Seattle, Wash. Oil-air separator. 2,186,344; Jan. 9.
Price, Nathan C., Seattle, Wash., assignor to Sirius Corporation. Binary cycle power plant. 2,191,289; Feb. 20.
Price, Nathan C., assignor, by mesne assignments, to The Pacific National Bank of Seattle, Seattle, Wash. Heating system for supercharged cabins. 2,193,141; Mar. 12.
Price, Nathan C., assignor, by mesne assignments, to The Pacific National Bank of Seattle, Seattle, Wash. Galley heating system. 2,193,142; Mar. 12.
Price, Nathan C., Berkeley, assignor to Universal Engine and Propeller Co., Alameda, Calif. Fuel system for engines. 2,195,825; Apr. 2.
Price, Nathan C., assignor, by mesne assignments, to The Pacific National Bank of Seattle, Seattle, Wash. Cooling means for aircraft engine exhaust stacks. 2,198,229; Apr. 23.
Price, Nathan C., assignor, by mesne assignments, to The Pacific National Bank of Seattle, Seattle, Wash. Pressure control system for aircraft cabins. 2,208,554; July 16.
Price, Nathan C., Seattle, Wash. High output vapor generator for aircraft. 2,223,856; Dec. 3.
Price, Osborne I., Frederick, Md. Sound reproducer. 2,223,496; Dec. 3.
Price, Ralph E. (See Balsiger, H. E., and Price.)
Price, Ralph E. (See Greiner, F., Ott, and Price.)
Price, Ralph E. (See Ott, C. L., and Price.)
Price, Stanley, La Grange, and E. C. Sloan, Geneva, Ill.; said Price assignor to Western Electric Company, Incorporated, New York, N. Y.; said Sloan assignor to Hawley Products Company, Incorporated, St. Charles, Ill. Package. 2,217,455; Oct. 8.
Price, Thomas W., Whitton, Twickenham, England, assignor to General Electric Company. Electric discharge device. 2,225,712; Dec. 24.

Price, Walter R., Minneapolis, Minn. Game device. 2,187,524; Jan. 16.
Price, William D., Los Angeles, Calif. Book binding. 2,194,985; Mar. 26.
Price, William H. (See Frame, A. P., and Price.)
Prichap, Walter S., New York, N. Y. Combined photograph mount and mailing receptacle. 2,219,492; Oct. 29.
Prickett, John C., Anacortes, Wash. Harrow. 2,197,316; Apr. 16.
Prickett, Thomas B. (See Thayer, C. H., and Prickett.)
Prickett, Thomas B., Woodbury, N. J., assignor to Houdry Process Corporation, Wilmington, Del. Heat exchange system. 2,196,229; Apr. 9.
Prickman, Louis E., Rochester, Minn. Coasting device. 2,219,905; Oct. 29.
Priddy, Laurence H., Cullison, Kans. Dispensing container for pills and the like. 2,204,821; June 18.
Pride, Alfred W., Berkeley, Calif. Mechanism for registering the operations of ticket issuing machines. 2,196,608; Apr. 9.
Prideaux, Gwilym F., Cleveland Heights, Ohio, assignor to General Electric Company. Electric lamp. 2,198,919; Apr. 30.
Pridgen, Jesse C., Norlina, N. C. Reversible plow. 2,227,366; Dec. 31.
Priesmeyer, Charles, Park Ridge, assignor to Gustav A. J. Meyer, Chicago, Ill. Pocket seal press. 2,203,644; June 4.
Priess, Erich, Freital, Dresden, Germany. Shoe pasting press. 2,193,520; Mar. 12.
Priest, Charles F., Middlesbrough, England. Vertical kiln, furnace, and the like. 2,197,984; Apr. 23.
Priest, Charles F., Middlesbrough, England. Vertical gas fired kiln, furnace, or the like. 2,197,985; Apr. 23.
Priest, Charles F., Middlesbrough, England. Air supply fitting. 2,213,287; Sept. 3.
Priester, Remmet, assignor to Naamlooze Vennootschap Industrieele Maatschappij Voorheen Noury & Van Der Lande, Deventer, Netherlands. Linoxin-like material and manufacture. 2,185,967; Jan. 2.
Priester, Remmet, assignor to Naamlooze Vennootschap Industrieele Maatschappij Voorheen Noury & Van Der Laude, Deventer, Netherlands. Manufacture of drying oil from castor oil. 2,195,225; Mar. 26.
Priester, Remmet, assignor to Naamlooze Vennootschap Industrieele Maatschappij Voorheen Noury & Van Der Lande, Deventer, Netherlands. Manufacture of drying oils. 2,226,830; Dec. 31.
Priester, Remmet, assignor to Naamlooze Vennootschap Industreele Maatschappij Noury & Van Der Lande, Deventer, Netherlands. Manufacture of drying oils. 2,226,831; Dec. 31.
Priestley, William J. (See Doom, E. F., and Priestley.)
Primak, Adam, Milwaukee, Wis. Universal sharpener. 2,191,899; Feb. 27.
Primas, Alexander, Buffalo, N. Y. Hinge for boxes and the like. 2,200,399; May 14.
Prime Manufacturing Company. (See Ridderstrom, Andrew R., assignor.)
Prime Manufacturing Company, The. (See Vaughan, John E., assignor.)
Prina, Juan, and E. Delzar, Buenos Aires, Argentina. Picker for mechanical looms. 2,223,857; Dec. 3.
Prince, Abram S., Cincinnati, Ohio. Trimming device. 2,207,024; July 9.
Prince Castles Company. (See Brotheridge, John, assignor.)
Prince, David C., Swarthmore, Pa., assignor to General Electric Company. Electric circuit interrupter. 2,221,720; Nov. 12.
Prince, David C., Swarthmore, Pa., assignor to General Electric Company. Air blast circuit breaker. 2,222,719; Nov. 26.
Prince, Frank M., Birmingham, Ala. Refrigerating apparatus. 2,192,367; Mar. 5.
Prince, Gary, Bloomington, Tex., assignor of one-fourth to R. C. Hall. End protector for threadless pipe. 2,215,251; Sept. 17.
Prince, James D. (See Hanahan, M. L., and Prince.)
Prince, John L., Birmingham, Ala. Amusement device. 2,186,175; Jan. 9.
Prince, Leon M., Jr., New York, N. Y. Device for differentiating and indicating the relative occurrences of a sequence of events. 2,206,827; July 2.
Prince Matchabelli Inc. (See Frank, Harry S., assignor.)
Prince, Oscar G., Godfrey, Ga. Self-acting brake. 2,196,427; Apr. 9.
Princeton Incorporated. (See Fleisher, Harry, assignor.)
Princeton Knitting Mills, Inc. (See Fleisher, Harry, assignor.)
Pringsauf, Karl, Heidelberg, Germany, assignor to W. Mansbach, London, England. Paste dispensing device. 2,188,249; Jan. 23.
Prins, Leendert, Flushing, N. Y. Clock. 2,201,376; May 21.
Printasign Corporation of America. (See Reynolds, Milton, assignor.)
Printing Arts Research Laboratories, Inc. (See Marx, Walter S., Jr., assignor.)
Printing Processes Limited. (See de Save, Paul C., assignor.)
Prior, Harry L. (See Rouan, F. J., and Prior.)
Prismo Holding Corporation. (See Gill, Edwin R., Jr., assignor.)
Pritchard, Charles A. G., Parma, Ohio. Sprinkling pipe and rotatable coupling therefor. 2,227,105; Dec. 31.
Pritchard, William C. (See Birt, H. B., and Pritchard.)
Pritchard, William C. (See Birt, H. B., Pritchard, and Daily.)
Pritchard, William C., and R. A. Daily, Muncie, Ind., assignors to General Motors Corporation, Detroit, Mich. Manufacturing storage battery paste. 2,217,814; Oct. 15.
Pritchard, Wilmot T. (See Nicholson, F. A., and Pritchard.)
Pritham, Charles H., Upper Darby, and E. R. Rechel and T. Stevenson, Philadelphia, Pa. Noncorrosive priming composition. 2,194,480; Mar. 26.
Pritzker, Lee, Toronto, Ontario, Canada. Continuous form. 2,209,951; Aug. 6.
Probst, Karl K., Detroit, Mich. Power transmission mechanism. 2,193,431; Mar. 12.
Probst, Karl K., Detroit, Mich. Leaf spring construction. 2,202,301; May 28.
Procédés Techniques de Construction. (See Lebelle, Jean, assignor.)
Process Management Company. (See Atwell, Harold V., assignor.)
Process Management Company. (See Cooke, Horace B., assignor.)
Process Management Company. (See Keith, Percival C., Jr., assignor.)
Process Management Company Inc. (See Phinney, Edward D., assignor.)
Process Management Company. (See Rice, Francis O., assignor.)
Process Management Company. (See Turkevich, J., and Ruthruff, assignors.)
Process Management Company. (See Ward, John T., assignor.)
Process Rubber Corporation, The. (See Wilson, Henry, assignor.)
Prochaska, Carroll W., Scarsdale, N. Y. Clamping device. 2,218,481; Oct. 15.
Procter, Richard H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit controller. 2,200,995; May 14.
Procter & Gamble Company, The. (See Bassett, James W., assignor.)
Procter & Gamble Company, The. (See Burt, Robert V., assignor.)
Procter & Gamble Company, The. (See Eagen, Thomas S., assignor.)
Procter & Gamble Company, The. (See Eckey, E. W., and Folzenlogen, assignors.)
Procter & Gamble Company, The. (See Edeler, A., and Richardson, assignors.)
Procter & Gamble Company, The. (See Mills, Victor, assignor.)
Procter & Gamble Company, The. (See Mills, V., and Wood, assignors.)
Procter & Gamble Company, The. (See Strain, Bruce, assignor.)
Proctor, B. A., Company. (See Proctor, Barton A., assignor.)
Proctor, Barton A., Larchmont, assignor to B. A. Proctor Company, Inc., New York, N. Y. Phonograph drive. 2,188,087; Jan. 23.
Proctor, Barton A., Larchmont, N. Y., assignor to Kinatome Patents Corporation. Film handling and apparatus therefor. 2,194,481; Mar. 26.
Proctor, Eldred B. (See Stein, L. F., and Proctor.)
Proctor, Robert V., assignor to The Commercial Shearing & Stamping Company, Youngstown, Ohio. Liner segment. 2,217,292; Oct. 8.
Proctor & Schwartz, Incorporated. (See Blank, Albert G., assignor.)
Proctor & Schwartz, Incorporated. (See Bogaty, Hermann S., assignor.)
Proctor & Schartz, Incorporated. (See Buck, L., and Thygeson, assignors.)
Proctor & Schwartz, Inc. (See Ginder, William H., assignor.)
Proctor & Schwarz, Incorporated. (See Hurxthal, Alpheus O., assignor.)
Proctor & Schwartz, Incorporated. (See Myers, Joseph W., assignor.)
Proctor & Schwartz, Incorporated. (See Myers, J. W., and Roesch, assignors.)
Proctor & Schwarz, Inc. (See Schwartz, Walter M., assignor.)
Procunier, Harry G., Chicago, Ill. Drill press for tapping attachment. 2,189,152; Feb. 6.
Product Development Quest, Inc. (See Limbach, Henry C., assignor.)
Production Engineering Company. (See Sinclair, William, assignor.)
Productive Inventions, Inc. (See Anderson, John W., assignor.)
Products Development Corporation. (See Ham, Ralph D., assignor.)
Proebstel, Herbert F., Los Angeles, Calif. Conical sounding post or pillar for musical instruments of the violin class. 2,208,081; July 16.
Proeger, William L., assignor to Chamberlain, Inc., Chicago, Ill. Mold. 2,205,668; June 25.
Proelsdorfer, Gustav, Newark, N. J. Toy musical instrument. 2,188,157; Jan. 23.

Proffitt, Max J., Washington, D. C., assignor to the Government of the United States of America, as represented by the Secretary of Commerce and his successors. Application of reagents in counter-current extraction. 2,188,919; Feb. 6.
Progress Vacuum Corporation. (See Kroenlein, Henry A., assignor.)
Pronto File Corp., Inc. (See Mandel, Jacob, assignor.)
Propane Development Corporation. (See Schlumbohm, Peter, assignor.)
Proportioneers, Inc. (See Corydon, J., and Lowe, assignors.)
Propper, Clayton H. (See Beckwith, G. R., and Propper.)
Prosen, Emil M., assignor to Nobilium Products, Inc., Philadelphia, Pa. Refractory investment. 2,209,035; July 23.
Prosperi, Milton H., Washington, D. C. Cast removal channel. 2,187,175; Jan. 16.
Prosperity Company, The. (See Braun, Gaius A., assignor.)
Prosperity Company, The. (See Davis, Ernest, assignor.)
Prosperity Company, The. (See Hutchings, Walter B., assignor.)
Prosperity Company Inc., The. (See Zimarik, Louis, assignor.)
Prosser, Joseph F., Cleveland, Ohio. Flush valve. 2,215,133; Sept. 17.
Prosser, Joseph G., Onekama, Mich. Reinforcement for concrete pipe and centrifugal mold for the same. 2,227,153; Dec. 31.
Prosser, Thomas W., Riverside, Calif., assignor to Paramount Textile Machinery Co., Chicago, Ill. Hosiery drying apparatus. 2,219,373; Oct. 29.
Protectol Company. (See Brigham, Ernest H., assignor.)
Protectoseal Company of America, Inc. (See Anschicks, Rudolph J., assignor.)
Protex Industries, Inc. (See Anderson, W. J., and Rosen, assignors.)
Protin, Edward J., Charleroi, assignor to Pittsburgh Steel Company, Pittsburgh, Pa. Thread-cutting machine. 2,191,915; Feb. 27.
Protz, William C., assignor to National Tinsel Manufacturing Company, Manitowoc, Wis. Ornament. 2,191,041; Feb. 20.
Protz, William C., assignor to National Tinsel Manufacturing Company, Manitowoc, Wis. Decorative ribbon. 2,197,591; Apr. 16.
Protz, William C., assignor to National Tinsel Manufacturing Company, Manitowoc, Wis. Ornament. 2,201,201; May 21.
Proudley, John H., Jr. (See Rupp, Kenneth A., assignor.)
Prough, Ard B., Johnstown, Pa., assignor of one-fourth to F. P. Mauro, Washington, D. C. Vacuum bottle. 2,193,381; Mar. 12.
Proulx, Joseph O., Warren, R. I. Fire alarm. 2,215,838; Sept. 24.
Prout, William E., Youngstown, Ohio, and J. Yount, Pittsburgh, Pa. Portable mixing plant. 2,207,303; July 9.
Prouty, Amy L., Seattle, Wash. Sanitary gown. 2,212,719; Aug. 27.
Prouty, Willis O., Hermosa Beach, Calif. Tunnel kiln ware support. 2,207,412; July 9.
Providence Braid Company. (See Bolas, Harold, assignor.)
Providence Steam Trap Company. (See Newton, Frank, assignor.)
Provident Trust Company, trustees. (See Walker, Marcus A., assignor.)
Provident Trust Company of Philadelphia, et al. (See Hague, Harold G., assignor.)
Province of Quebec, Department of Colonization, The. (See Levesque, Jean, assignor.)
Provisor, Benjamin, et al. (See Dulberg, Jasper, assignor.)
Provost, Harold T., Sloansville, N. Y. Casing puller and cable guide. 2,213,228; Sept. 3.
Prozan, Moses. (See Lackow, E., and Prozan.)
Prue, Walter W., Auburn, Maine, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Flexible shoe and making same. 2,201,300; May 21.
Pruess, Louis M. (See Stiles, H. R., and Pruess.)
Pruett, Hosea L. (See Neely, P. J., Pruett, and Staples.)
Pruitt, Shannon E., assignor of one-half to E. B. Pierce, Los Angeles, Calif. Self-service liquid dispensing device. 2,218,103; Oct. 15.
Pruner, Arthur F., Oklahoma City, Okla., deceased, I. L. Pruner, administratrix of the estate. Rotary toothbrush. 2,220,053; Oct. 29.
Pruner, Ibbie L., administratrix. (See Pruner, Arthur F., assignor.)
Prüss, Max, and H. Blunk, Essen-Ruhr, Germany. Purification of liquids by biological means. 2,200,580; May 14.
Prüss, Max, and H. Blunk, Essen-Ruhr, Germany. Purification of gases by biological means. 2,200,581; May 14.
Prutton, Carl F., Cleveland Heights, Ohio. Inhibitor. 2,224,695; Dec. 10.
Prutton, Carl F., Cleveland Heights, assignor to The Lubri-Zol Corporation, Wickliffe, Ohio. Lubricant. 2,223,127; Nov. 26.
Prutton, Carl F., Cleveland, Ohio, assignor to The Dow Chemical Company, Midland, Mich. Production of diaryl compounds. 2,208,517; July 16.
Prutton, Carl F., East Cleveland, assignor, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating composition. 2,223,128; Nov. 26.
Prutton, Carl F., East Cleveland, assignor to The Lubri-Zol Corporation, Wickliffe, Ohio. Lubricant. 2,223,129; Nov. 26.
Prutton, Carl F., East Cleveland, assignor to The Lubri-Zol Corporation, Wickliffe, Ohio. Lubricant. 2,223,130; Nov. 26.
Prutton, Carl F., Cleveland Heights, and J. T. Marvin, Fairview Village, assignors to The Patrol Valve Company, Cleveland, Ohio. Thermostatic device. 2,185,421; Jan. 2.
Prutton, Carl F., Cleveland Heights, and J. T. Marvin, Fairview Village, assignors to the Patrol Valve Company, Cleveland, Ohio. Thermostatic device. 2,185,422; Jan. 2.
Prutton, Carl F., Cleveland, and A. K. Smith, Shaker Heights, assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating composition. 2,204,620; June 18.
Prutton, Carl F., Cleveland, A. K. Smith, Shaker Heights, and H. E. Johnson, Willoughby, assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating composition. 2,208,161; July 16.
Prutton, Carl F., East Cleveland, A. K. Smith, Shaker Heights, and H. E. Johnson, Willoughby, assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating composition. 2,208,162; July 16.
Prutton, Carl F., East Cleveland, A. K. Smith, Shaker Heights, and H. E. Johnson, Willoughby, assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating composition. 2,208,163; July 16.
Prutton, Carl F., Cleveland, and A. K. Smith, Shaker Heights, assignors, by mesne asignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating composition. 2,213,532; Sept. 3.
Pruyn, Francis L., Sea Girt, N. J. Filter bed cleaning. 2,197,770; Apr. 23.
Pryne, Ralph, Los Angeles, Calif. Cabinet. 2,199,731; May 7.
Przyborowski, Stanislaus, Tonawanda, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Radiator ribbon forming machine. 2,223,296; Nov. 26.
Public in the Territory of the United States of America, Free use of the. (See Flynn, T. P., and Neils.)
Public of the United States of America, Dedicated to the free use of. (See Smith, Lloyd E., assignor.)
Publicker Inc. (See Mahler, P., and Haner, assignors.)
Pucher, Leo E., assignor to Willard Storage Battery Company, Cleveland, Ohio. Cover lock for storage batteries. 2,186,147; Jan. 9.
Puckette, Charles C., and A. Warrington, Stoke, Coventry, assignors to The General Electric Company Limited, London, England. Switching device for use in telephone systems. 2,205,491; June 25.
Puddefoot, Laurence E., Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Method of and composition for tempering leather. 2,208,701; July 23.
Pudelko, Riccard, Zug, Switzerland, assignor to Landis & Gyr, A.-G. Electric clock. 2,192,329; Mar. 5.
Pudelko, Richard, and J. Mettler, Zug, Switzerland, assignors to Landis & Gyr. A. G. Coin-controlled setting mechanism for energy dispensing devices. 2,215,191; Sept. 17.
Pudlich, Carl W., Rancho Santa Fe, Calif. Cigarette extinguisher. 2,206,236; July 2.
Pudlich, Carl W., Rancho Santa Fe, Calif. Cigarette holder and extinguisher. 2,224,234; Dec. 10.
Puening, Franz, Claygate, England. Freeing coke from the metallic walls of coke ovens and other carbonizing chambers. 2,213,533; Sept. 3.
Puerner, George O., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Switch terminal. 2,193,008; Mar. 12.
Puetzer, Bruno, Albany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Biguanidino substituted diphenyleneoxides. 2,191,860; Feb. 27.
Puetzer, Bruno, Albany, N. Y., assignor to Winthrop Chemical Company, Inc. Guanyl and biguanyl compounds. 2,213,474; Sept. 3.
Pufpak Company, The. (See Landsman, Mary S., assignor.)
Pugh, Addie A., et al., executors. (See Pugh, John D.)
Pugh, Guy L. (See Mills, Henry L., assignor.)
Pugh, Guy L., Minneapolis, Minn. Battery tester. 2,225,231; Dec. 17.
Pugh, John, Pennington Gap, assignor of forty-nine per cent to E. P. Smyth, St. Charles, Va. Safety device for mine cars. 2,186,390; Jan. 9.
Pugh, John D., deceased; A. A. Pugh and F. H. Smith, executors, assignors to A. A. Pugh, Baltimore, Md. Hot metal car. 2,201,920; May 21.
Puhlmann, Werner. (See Gossel, E., and Puhlmann.)
Pulitzer, Samuel C., New Orleans, La. Necktie packing means. 2,186,391; Jan. 9.

Pullen, Fred W., assignor to Bissell Carpet Sweeper Company, Grand Rapids, Mich. Carpet sweeper brush drive mechanism. 2,193,182; Mar. 12.
Pullen, Fred W., assignor to Bissell Carpet Sweeper Co., Grand Rapids, Mich. Bumper for carpet sweepers. 2,197,986; Apr. 23.
Pullen, Fred W., assignor to Bissell Carpet Sweeper Co., Grand Rapids, Mich. Pan dump mechanism. 2,221,107; Nov. 12.
Pullen, Harry, assignor to PlaRola Corporation, Easton, Md. Musical instrument and assembling the same. 2,200,430; May 14.
Pullman Company, The. (See Crawford, David A., assignor.)
Pullman Company, The. (See Crawford, D. A., McKinnon, and Apel, assignors.)
Pullman-Standard Car Manufacturing Company. (See Anderson, Lawrence C., assignor.)
Pullman-Standard Car Manufacturing Company. (See Blomberg, M. P., and Mussey, assignors.)
Pullman-Standard Car Manufacturing Company. (See Brack, Joseph L., assignor.)
Pullman-Standard Car Manufacturing Company. (See Christianson, Andrew, assignor.)
Pullman-Standard Car Manufacturing Company. (See Lundberg, Arthur H., assignor.)
Pullman-Standard Car Manufacturing Company. (See Murphy, F. L., Westcott, and Winther, assignors.)
Pullman-Standard Car Manufacturing Company. (See Mussey, William H., assignor.)
Pullman-Standard Car Manufacturing Company. (See Thunstrom, N. A., and Candlin, assignors.)
Pullman-Standard Car Manufacturing Company. (See Winther, Martin P., assignor.)
Pullman-Standard Car Manufacturing Company. (See Winther, Martin P., and A., assignors.)
Pulp Reproduction Company. (See Olsen, John H., assignor.)
Pulver, Frank F., St. Petersburg, Fla., assignor to Alliance Investment Corporation, Geneseo, N. Y. Vending machine. 2,191,585; Feb. 27.
Pulver, Harold L., Providence, R. I. Brooch construction. 2,225,379; Dec. 17.
Pummill, Edwin W., Indianapolis, Ind. Lamp. 2,219,906; Oct. 29.
Pump Engineering Service Corporation. (See Johnson, James P., assignor.)
Punch, Soonie, Bloomfield, Mo. Garment supporter. 2,197,592; Apr. 16.
Pungor, Charles, Detroit, Mich. Steamer mechanism. 2,213,288; Sept. 3.
Punnett, Elton B., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Recovering maleic anhydride. 2,211,160; Aug. 13.
Punsly, Robert D., Los Angeles, Calif. Convertible waistband for trousers. 2,213,786; Sept. 3.
Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Forming an easy opening container. 2,187,433; Jan. 16.
Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Can opener. 2,218,437; Oct. 15.
Punte, William F., and L. L. Bidwell, Syracuse, assignors to Continental Can Company, Inc., New York. Dispensing container. 2,214,437; Sept. 10.
Punton, Charles W., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Respirator filter. 2,213,433; Sept. 3.
Pupp, Wolfgang, Berlin-Kopenick, Germany, assignor to Julius Pintsch Kommanditgesellschaft. Apparatus for mechanically and electrically connecting conductors carrying high frequency currents. 2,226,479; Dec. 24.
Puppe, Heinz, Neunkirchen Saar, Germany. Reheating method and furnace. 2,222,372; Nov. 19.
Puppe, Heinz, deceased, Berlin-Reinickendorf, Germany, by W. A. Dodge, administrator, Schenectady, N. Y., assignor to General Electric Company. Electric valve circuits. 2,222,720; Nov. 26.
Puppe, Heinz, deceased, Berlin-Reinickendorf, Germany, by W. A. Dodge, administrator, Schenectady, N. Y., assignor to General Electric Company. Electric valve circuits. 2,223,185; Nov. 26.
Puppo, Nicholas, Chicago, and J. Chidichimo, Cicero, Ill. Curtain rod holder. 2,220,730; Nov. 5.
Purcell, John, Chicago, Ill. Brake arrangement. 2,226,874; Dec. 31.
Purcell, Thomas E., Mount Lebanon, and I. E. Church, Bethel Township, Allegheny County, Pa. Fluid supply hose and reel means. 2,191,728; Feb. 27.
Purdue, Albert G. (See Lines, Harold A., assignor.)
Purdue Research Foundation. (See Hass, H. B., and Hodge, assignors.)
Purdue Research Foundation. (See Kraybill, H. R., and Thornton, assignors.)
Purdum, Preston P., Danville, Va. Pyridine composition for treatment of blue mold in plants and seed beds. 2,219,847; Oct. 29.
Purdy, Charles F. (See Jandus, H. S., and Purdy.)
Purdy, Charles R., St. Paul, Minn. Lifesaving apparatus. 2,192,203; Mar. 5.
Purdy, Eugene H., Washington, D. C. Mixer. 2,213,638; Sept. 3.
Purdy, Everett M. (See Tabb, W. T., and Purdy.)
Purdy, Everett M., New Canaan, Conn., and W. T. Tabb, Brooklyn, assignors to Eisemann Magneto Corporation, New York, N. Y. Fuel injection nozzle for internal combustion engines. 2,192,803; Mar. 5.
Pure Oil Company, The. (See Anderson, P. T., and Moir, assignor.)
Pure Oil Company, The. (See Athy, Clifford R., assignor.)
Pure Oil Company, The. (See Carr, R. H., Hebard, Henderson, and Heinish, assignors.)
Pure Oil Company, The. (See Chittick, Martin B., assignor.)
Pure Oil Company, The. (See Chittick, M. B., and Schlandt, assignors.)
Pure Oil Company, The. (See Harnsberger, Audley E., assignor.)
Pure Oil Company, The. (See Henderson, Lawrence M., assignor.)
Pure Oil Company, The. (See Henderson, L. M., Ayers, Raine, and Ross, assignors.)
Pure Oil Compay, The. (See Neal, Y., and Hebard, assignors.)
Pure Oil Company, The. (See Nisson, Philip S., assignor.)
Pure Oil Company, The. (See Schutt, Hermann C., assignor.)
Pure Oil Company, The. (See Thacker, Carlisle M., assignor.)
Pure Oil Company, The. (See Wagner, Cary R., assignor.)
Pure Oil Company, The. (See Whittier, W. A., Williams, and Moir, assignors.)
Purington, Ellison S., Gloucester, Mass., assignor to J. H. Hammond, Jr. Privacy signaling system. 2,204,050; June 11.
Purington, Ellison S., assignor to J. H. Hammond, Jr., Gloucester, Mass. Sound reproducing system for musical instruments. 2,220,350; Nov. 5.
Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Swivel button. 2,188,443; Jan. 30.
Puritan Mills, Inc. (See Huels, Robert H., assignor.)
Purkiss, Robert B., assignor to The Batesville Casket Company, Batesville, Ind. Burial case. 2,214,889; Sept. 17.
Purser, Joseph R., and E. H. Woolard, Cedartown, Ga. Traveler device. 2,197,530; Apr. 16.
Purser, William J., Niles, and W. C. Coryell, Youngstown, assignors to The Bostwick Steel Lath Company, Niles, Ohio. Expanded metal lath cutting machine. 2,223,497; Dec. 3.
Purtell, William A., West Hartford, Conn., assignor to The Holo-Krome Screw Corporation. Drive pin. 2,219,197; Oct. 22.
Purves, Andrew, Holyoke, Mass. Making a fourdrinier wire. 2,199,417; May 7.
Purves, Charles, Rochester, N. Y. Coat shoulder form and method of attaching shoulder portions of linings to a coat. 2,222,120; Nov. 19.
Purves, Clifford B., Cambridge, Mass., assignor to Research Corporation, New York, N. Y. Producing tetra-acetals of glyoxal and products thereof. 2,194,405; Mar. 19.
Purvis, Thomas A., Owasso, Okla. Mop. 2,200,808; May 14.
Puryear, Oney P., Fishkill, assignor, by mesne assignments, to Texaco Development Corporation, New York, N. Y. Lubricating oil composition. 2,193,771; Mar. 12.
Pusak, Peter, Eddystone, Pa. Automatic window closer. 2,203,600; June 4.
Püschner, Josef. (See Püschner, Julius and J.)
Püschner, Julius and J., near Bodenbach, Czechoslovakia, assignors, by mesne assignments, of one-half to L. Bauer, and one-half to F. Dupont-Munter, New York, N. Y. Device for producing separable fasteners. 2,188,985; Feb. 6.
Pusinelli, Eric. (See Serr, William F., assignor.)
Puthod, Roger, assignor to E. Homberger-Rauschenbach vormals International Watch Co., Schaffhausen, Switzerland. Timepiece movement. 2,192,272; Mar. 5.
Putman, Henry V., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective device for electrical apparatus. 2,223,530; Dec. 3.
Putman, Henry V., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective device for electrical apparatus. 2,223,531; Dec. 3.
Putnam, Claude A., and C. F. Robbins, Keene, and C. H. Cheeseman, Marlboro, assignors to Markem Machine Company, Keene, N. H. Marking machine. 2,194,324; Mar. 19.
Putnam, James R., Prospect, assignor to The Waterbury Clock Company, Waterbury, Conn. Hairspring for time instruments. 2,209,172; July 23.
Putnam, John P., assignor to The Reece Button-Hole Machine Company, Boston, Mass. Variometer. 2,193,343; Mar. 12.
Putnam, John P., assignor to The Reece Button Hole Machine Company, Boston, Mass. Variable inductor. 2,201,453; May 21.
Putnam, John P., assignor to The Reece Button Hole Machine Company, Boston, Mass. Shuttle mechanism. 2,218,770; Oct. 22.

Putnam, Joseph F., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Evaporative odorizer for gas. 2,203,362; June 4.
Putnam, Stephen R., Quincy, Mass. Closure fastener. 2,213,171; Aug. 27.
Putnam, Warren C. (See Andersen, J. S., and Putnam.)
Putnoky, Richard, Bronx, N. Y. Support. 2,210,216; Aug. 6.
Putt, James W., Beverly Hills, Calif. Manufacture of aromatic hydrocarbons from petroleum oil. 2,207,552; July 9.
Putterman, Benjamin, Brooklyn, N. Y., and D. E. Reed, assignors to Yankee Metal Products Corp., Norwalk, Conn. Electric switch. 2,200,218; May 7.
Pützer, Alfred, Berlin-Spandau, assignor to Siemens & Halske Aktiengesellschaft Siemensstadt, near Berlin, Germany. Gas or vapor filled discharge tube. 2,189,593; Feb. 6.
Puzio, Frank P., Manville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Thermal insulating article and assembly. 2,209,828; July 30.
Py, Emil A., San Joaquin, Calif. Draw pin. 2,196,780; Apr. 9.
Pyatt, Valdis M., Great Falls, Mont. Pressure indicating means for tires. 2,224,798; Dec. 10.
Pybus, Percy W., Chicago, Ill. Automobile signal switch. 2,215,229; Sept. 17.
Pye, Carl F., Winnipeg, Manitoba, Canada. Tank filling device. 2,225,844; Dec. 24.
Pye, Harold C., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Sound translating device and making the same. 2,205,669; June 25.
Pye, Harold C., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Sound translating device. 2,205,670; June 25.
Pye, Harold C., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone substation apparatus. 2,214,258; Sept. 10.
Pye, Harold C., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone substation apparatus. 2,214,259; Sept. 10.
Pyeatt, William H., Breckenridge, Tex., assignor to Phillips Petroleum Company. Apparatus for setting poles. 2,215,935; Sept. 24.
Pyle, Cyrus, 3rd. (See McKeon, T. J., Pyle, and Van Ness.)
Pyle, Cyrus, III, Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fractionating column. 2,201,502; May 21.
Pyle, Lawrence G., Boulder City, Nev. Angle gauge. 2,213,148; Aug. 27.
Pyle, Leon N., Birmingham, assignor, by mesne assignments, to L. H. Green, Detroit, Mich. Polishing pad. 2,196,079; Apr. 2.
Pyle, Marie B., Dallas, Tex. Attachment for tables. 2,217,992; Oct. 15.
Pyle-National Company, The. (See Reed, Edward H., assignor.)
Pym, Arthur F., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for shaping uppers over lasts. 2,217,771; Oct. 15.
Pyrene Manufacturing Company. (See Dodelin, Fred A., assignor.)
Pyrene Manufacturing Company. (See Ferguson, George E., assignor.)
Pyrene Minimax Corporation. (See Timpson, Lewis G. M., assignor.)
Pyrene Minimax Corporation. (See Timpson, Lewis G. M., assignor.)
Pyridium Corporation. (See Renshaw, R. R., and Dreisbach, assignors.)
Pyro-Electro Instrument Co. (See Smith, Clarence E., assignor.)
Pyro Products Corporation. (See Bradt, Merritt B., assignor.)
Pyro Products Corporation. (See Hinsky, Anthony P., assignor.)
Pyron, Walter R., Comfort, Tex. Seeder attachment for disk harrows. 2,199,755; May 7.
Pyroxylin Products, Incorporated. (See Wilson, W. C., and Yoder.)
Pytlewski, Steven, Los Angeles, Calif. Air compressor. 2,210,431; Aug. 6.
Pyzel, Ewald D., deceased, Pittsburg, by Shell Development Company, San Francisco, Calif., assignee. Hydrogenation of olefin polymers. Re. 21,450; May 14.
Pyzel, Frederic M., Piedmont, assignor to Shell Development Company, San Francisco, Calif. Motor fuel. 2,218,137; Oct. 15.
Pyzel, Robert, assignor to Universal Oil Products Company, Chicago, Ill. Apparatus for refining or catalytic treatment. 2,212,043; Aug. 20.
Pyzel, Robert, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,219,529; Oct. 29.
Pyzel, Robert, and C. G. Gerhold, assignors to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbons. 2,210,257; Aug. 6.
Q. O. S. Corporation. (See Liebmann, Oscar, assignor.)
Quad Stove Manufacturing Company. (See Stein, Henry E., Sr., assignor.)
Quadrant Electric Company. (See Thornton-Norris, George, assignor.)
Quadrex Corporation. (See Leathers, Ward, assignor.)
Quady, Albert T., Great Falls, Mont. Toy. 2,199,163; Apr. 30.
Quaedvlieg, Matthias. (See Brodersen K., and Quaedvlieg.)
Quaedvlieg, Matthias. (See Brodersen, K., Quaedvlieg, Zabel, and Schneider.)
Quaedvlieg, Matthias, Dessau in Anhalt, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of a basis for face powder. 2,218,586; Oct. 22.
Quaglia, Jacques, Thonon-les-Bains, Savoy, France, assignor to Th. Muhlethaler S. A., Nyon, Switzerland. Recovery of silver from waste hyposulphitic liquids. 2,194,056; Mar. 19.
Quaid, Ralph J. (See Baker, L. S., and Quaid.)
Quaker Manufacturing Company. (See Howard, David J., assignor.)
Quality Park Envelope Co. (See Fritz, William D., assignor.)
Quam, James P., assignor to Quam-Nichols Company, Chicago, Ill. Loud-speaker and driving motor therefor. 2,223,021; Nov. 26.
Quam-Nichols Company. (See Quam, James P., assignor.)
Quant, Harry R., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Selective character bearing device. 2,221,926; Nov. 19.
Quardrex Corporation. (See Leathers, Ward, assignor.)
Quarles, Donald A., Englewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Supporting aerial cables. 2,209,662; July 30.
Quarnstrom, Bert L., et al. (See Burke, James P., assignor.)
Quarnstrom, Bert L., assignor to Bundy Tubing Company, Detroit, Mich. Lock seam tubing. 2,198,415; Apr. 23.
Quarnstrom, Bert L., assignor to Bundy Tubing Company, Detroit, Mich. Making tube. 2,210,338; Aug. 6.
Quarnstrom, Bert L., assignor to Bundy Tubing Company, Detroit, Mich. Making tubing. 2,216,519; Oct. 1.
Quarnstrom, Bert L., assignor to Bundy Tubing Company, Detroit, Mich. Method and apparatus for making tube. 2,223,270; Nov. 26.
Quartermaine, Roland S. (See Wentworth, Stenhouse, assignor.)
Quartullo, Orpheus F., Cleveland Heights, assignor to The White Motor Company, Cleveland, Ohio. Automotive vehicle control connection. 2,219,601; Oct. 29.
Quartullo, Orpheus F., Cleveland Heights, assignor to The White Motor Company, Cleveland, Ohio. Engine mounting. 2,227,379; Dec. 31.
Quattrociocche, Robert B., Steubenville, Ohio. Musical instrument. 2,204,150; June 11.
Quayle, George, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stanford, Conn. Hand lift truck. 2,217,704; Oct. 15.
Quehl, Carl. (See Schneider, Ludwig, assignor.)
Querengässer, Hugo, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of pigments. 2,187,822; Jan. 23.
Quest, Heinrich E. W., Chemnitz, Germany. Wall structure. 2,223,740; Dec. 3.
Quick, Bernard, et al. (See Quick, George L., assignor.)
Quick, Cecil G., C. H. Skinner, and M. E. B. Evans, London, England, assignors to R. Hoe & Co. Inc., New York, N. Y. Printing machine. 2,185,310; Jan. 2.
Quick, Cecil G., and R. W. Fowles, London, England, assignors to R. Hoe & Co., Inc., New York, N. Y. Stapling mechanism. 2,207,413; July 9.
Quick, Cecil G., and R. W. Fowles, London, England, assignors to R. Hoe & Co. Inc., New York, N. Y. Stapling mechanism. 2,211,027; Aug. 13.
Quick, Cecil G., and W. A. Whitehead, London, England, assignors to R. Hoe & Co. Inc., New York, N. Y. Rotary folding mechanism. 2,211,791; Aug. 20.
Quick Charge Battery Company. (See Rueb, Earl J., assignor.)
Quick, Claude E., Glendale, Calif., assignor, by mesne assignments, to Interstate Bakeries Corporation. Coating machine. 2,188,485; Jan. 30.
Quick, Claude E., Glendale, Calif., assignor to Interstate Bakeries Corporation, Kansas City, Mo. Popcorn machine. 2,194,074; Mar. 19.
Quick, Claude E., Glendale, Calif., assignor to Interstate Bakeries Corporation, Kansas City, Mo. Sorting table or the like. 2,219,724; Oct. 29.
Quick, George, et al. (See Quick, George L., assignor.)
Quick, George L., North Newark, N. J.; G. Quick, administratrix of the estate of said G. L. Quick, deceased, assignor of one-third to G. Quick and two-thirds to G. Quick, B. Quick, and R. Quick. Laminating press. 2,217,652; Oct. 8.
Quick, Gretta, administratrix. (See Quick, George L.)
Quick, Roy T., assignor to G. H. Werfelman, Los Angeles, Calif. Sewer sweep. 2,199,651; May 7.
Quick, Ruth, et al. (See Quick, George L., assignor.)
Quickwork Company, The. (See Smith, Henry C., Jr., assignor.)
Quidas, Frederick W., New York, N. Y. Scale for compounding formulas and other purposes. 2,206,919; July 9.
Quiet Flow Devices, Inc. (See Peterson, W. F., and Walter, assignors.)
Quigley, John M. (See Jacoby, B., and Quigley.)

Quilliam, Leslie, Stretford, England, assignor to Nachod & United States Signal Co., Incorporated, Louisville, Ky. Traffic control system. 2,213,409; Sept. 3.
Quillin, Gilvin, Akron, Ohio. Dual wheel. 2,217,993; Oct. 15.
Quillin, Leland O., and R. L. Cook, Matoaka, W. Va. Bridge table. 2,204,822; June 18.
Quimby, William S. (See Oosterhout, J. C. D., and Quimby.)
Quinby, Edwin J., Yonkers, N. Y., assignor to Radio Corporation of America. Receiver tuning control. 2,217,293; Oct. 8.
Quinby, William F., Long Island City, assignor to The Teleregister Corporation, New York, N. Y. Transmitting means. 2,187,892; Jan. 23.
Quinlan, Amos L., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Winding machine. 2,192,694; Mar. 5.
Quinlan, James P. (See Watkins, Alfred H., assignor.)
Quinlivan, John E., assignor of one-fourth to Gerrit De Young, Sioux Falls, S. Dak. Electrically operable control mechanism. 2,202,922; June 4.
Quinlivan, Quentin L. (See Kumnick, M. C., and Quinlivan.)
Quinn, Clara E., assignor to Broquinda, Inc., St. Petersburg, Fla. Refrigerated container. 2,187,913; Jan. 23.
Quinn, Edward, Malden, Mass., assignor to The Del-Mac Shoe Process Corporation, New York, N. Y. Machine for operating upon soles. 2,210,040; Aug. 6.
Quinn, Edward, Malden, and A. R. Morrill, Beverly, Mass. Shoe sewing machine. 2,198,391; Apr. 23.
Quinn, John E., Philadelphia, Pa. Full-fashioned hosiery. 2,219,790; Oct. 29.
Quinn, Robert V. (See Johnston, N., and Quinn.)
Quint, Ferdinand. (See Eckert, W., and Quint.)
Quintana, Benigno F., New York, N. Y. Individual driven ferry. 2,199,186; Apr. 30.
Quinte, Michael S., Burbank, Calif. Continuous variable temperature power producing apparatus. 2,215,652; Sept. 24.
Quirke, Edward F., Brooklyn, N. Y. Material for treatment of hydrocarbons. 2,211,987; Aug. 20.
Quisling, Sverre, Madison, Wis. Container. 2,212,074; Aug. 20.
Quisling, Sverre, Madison, Wis. Silicate-containing product and making it. 2,216,251; Oct. 1.
Quisling, Sverre, Madison, Wis., assignor to Talon, Inc., Meadville, Pa. Separable fastener. 2,221,411; Nov. 12.
Quisling, Sverre, Madison, Wis. Sound reproducing means. 2,224,358; Dec. 10.
Qviller, Olaf, Oslo, Norway. Emptying apparatus for diffusers, pulp bins, and the like, for the manufacture of cellulose and paper. 2,185,567; Jan. 2.
R-B-M Manufacturing Company. (See Catron, H., and Chapman, assignors.)
R-B-M Manufacturing Company. (See Clayton, Harold H., assignor.)
R-B-M Manufacturing Company. (See Dotterer, Frank A., assignor.)
R. C. Can Company. (See Cullen, Arthur E., assignor.)
R. C. Can Company. (See Butkowski, Walter L., assignor.)
R & R Mfg. Co. (See Robb, Alexander L., assignor.)
Raab, Josef, Stuttgart-Bad-Cannstatt, Germany. Production of light concrete bodies. 2,226,348; Dec. 24.
Raab, Leonhard, Erlangen, assignor to the firm Siemens Reiniger-Werke Aktiengesellschaft, Berlin, Germany Support for X-ray work. 2,190,458; Feb. 13.
Raak, Hermann. (See Chait, J. I., and Raak.)
Rabald, Erich, Mannheim-Waldhof, and F. Johannessohn, Mannheim-Feudenheim, Germany, assignors to Rare Chemicals, Inc., Nepera Park, N. Y. Obtaining proteohormones with albumen character. 2,219,791; Oct. 29.
Rabatin, Paul, assignor to The Black & Decker Electric Company, Kent, Ohio. Filter-bag-attaching device. 2,193,778; Mar. 12.
Rabe, Karl, Stuttgart, assignor to Dr. ing. h. c. F. Porsche, K.-G., Stuttgart-Zuffenhausen, Germany. Finish grinding mechanism. 2,207,268; July 9.
Rabe, Karl, Stuttgart, assignor to Dr. ing. h. c. F. Porsche, K.-G., Stuttgart-Zuffenhausen, Germany. Producing cams. 2,209,538; July 30.
Rabe, Karl, Stuttgart, assignor to Dr. ing h. c. F. Porsche, K.-G., Stuttgart-Zuffenhausen, Germany. Springing arrangement. 2,223,741; Dec. 3.
Rabe, Paul, and H. Roos, Leverkusen, I. G.-Werk, Germany, assignors to General Aniline & Film Corporation, Dyeing. 2,203,305; June 4.
Rabelos, Mona M., assignor to Reel-Rite Corporation, Greenwich, Conn. Clothesline pulley. 2,218,854; Oct. 22.
Rabenda, Edward J. (See Harrison, L. S., and Rabenda.)
Raber, Irvin H., assignor, by mesne assignments, to Irwin Corporation, Los Angeles, Calif. Broiler. 2,205,435; June 25.
Raber, Robert R. (See Whitehead, A. G., and Raber.)
Rabestos-Manhattan, Inc. (See Matthews, John H., assignor.)
Rabezzana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Thermocouple. 2,218,622; Oct. 22.
Rabezzana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Spark plug cleaner. 2,222,518; Nov. 19.
Rabezzana, Hector, Flint, and W. A. Bychinsky, Ann Arbor, assignors to General Motors Corporation, Detroit, Mich. Ignition system. 2,197,114; Apr. 16.
Rabin, Benjamin. (See Rheineck, A. E., and Rabin.)
Rabinof, Abraham M., New Rochelle, N. Y. Loose-leaf device. 2,211,546; Aug. 13.
Rabinowitz, Harry, New York, N. Y. Girdle. 2,216,134; Oct. 1.
Rabkin, Morris A., et al. (See Tucker, Morton, assignor.)
Rabkin, William, New York, N. Y. Supply container for photographic plates for automatic photographic machines. 2,215,230; Sept. 17.
Rabkin, William, New York, and L. E. Larsen, Jackson Heights, Long Island, N. Y.; said Larsen assignor to said Rabkin. Photographic apparatus. 2,192,755; Mar. 5.
Raboisson, Joseph, Soultz, assignor to Society: "Manufacture Alsacienne de Broches, Anciennement les Fils d'Edouard Latscha S. a. r. L.," Soultz (Haut-Rhin), France. Self-centering spindle for spinning frames. 2,202,746; May 28.
Rabuazzo, Salvatore, New York, N. Y. Accordion. 2,187,809; Jan. 23.
Rabuazzo, Salvatore, New York, N. Y. Accordion. 2,208.228; July 16.
Rabuteau, Guy, Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Electric discharge tube. 2,217,418; Oct. 8.
Rabuteau, Guy, and E. Labin, Paris, France, assignors to International Standard Electric Corporation, New York, N. Y. Secondary emission device. 2,209,847; July 30.
Raby, Arthur W., Toronto, Ontario, and G. R. Harvey, Cooksville, Ontario, assignors to The Toronto Star, Toronto, Ontario, Canada. Rotogravure printing process. 2,201,346; May 21.
Race, Edward, Blackley, Manchester, and F. M. Rowe and J. B. Speakman, Leeds, England, assignors to Imperial Chemical Industries Limited. Treatment of wool and woolen materials. 2,224,927; Dec. 17.
Race, Hubert H., Schenectady, N. Y., assignor to General Electric Company. High tension electric cable and making the same. 2,195,998; Apr. 2.
Racek, Alfred, assignor to Österr. Knopf-und Metallwarenfabrik J. Meister & Co., Vienna, Germany. Filling device for pocket pyrophoric lighters. 2,219,530; Oct. 29.
Racek, Alfred, assignor to the firm Österr Knopf-und Metallwarenfabrik J. Meister & Co., Vienna, Germany (formerly Austria). Pyrophoric lighter. 2,219,531; Oct. 29.
Racen, Ferdinand, University City, assignor to W. G. Shelton Company, St. Louis, Mo. Hair waving machine. 2,197,876; Apr. 23.
Racen, Ferdinand, University City, assignor to W. G. Shelton Company, St. Louis, Mo. Electric cord lift. 2,197,877; Apr. 23.
Rachlin, Max, Flushing, N. Y. Gutter support and making same. 2,219,874; Oct. 29.
Racicot, William E., New York, N. Y. Hanger for punching bags. 2,199,858; May 7.
Racke, Fritz. (See Bockmühl, M., Krohs, Racke, and Windisch.)
Rackle, George L., assignor to The Geo. Rackle & Sons Co., Cleveland, Ohio. Slab and floor. 2,215,975; Sept. 24.
Rackle, Geo., & Sons Co., The. (See Rackle, George L., assignor.)
Racklyeft, John W., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Washing machine. 2,196,474; Apr. 9.
Radabaugh, E. R. (See Wright, William F., assignor.)
Radcliff, Ernest, Jonesboro, Ill. Surgical device. 2,217,968; Oct. 15.
Raddatz, Vali E., Woodhaven, assignor to Robert Reis & Co., New York, N. Y. Combination sport and conventional shirt. 2,209,890; July 30.
Radelet, Fernand, and M. Schul, Brussels, Belgium. Internal combustion engine. 2,198,679; Apr. 30.
Radelet, Fernand, and M. Schul, Brussels, Belgium; said Schul assignor to said Radelet. Internal combustion engine. 2,206,332; July 2.
Radelet, Fernand, and M. Schul, Brussels, Belgium; said Schul assignor to said Radelet. Internal combustion engine. 2,211,936; Aug. 20.
Rader, Jennie C., administratrix. (See Rader, Lyell M.)
Rader, Lee P., Keyport, N. J. Mop. 2,196,837; Apr. 9.
Rader, Lyell M., deceased, by J. C. Rader, administratrix, Burlington, N. C., assignor to Chemical Extraction Corporation, Elkton, Ky. Recovery of organic acids and other substances from a tobacco extract. 2,204,621; June 18.
Rader, Persons C., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Protection of temporary protective coatings. 2,210,177; Aug. 6.
Radey, Charles R., Michigan City, Ind. Adjustable tie down. 2,205,273; June 18.
Radford, Douglas R., et al. (See Dyer, Zeb A., assignor.)
Radiant Lamp Corporation. (See Glassberg, Jacob, assignor.)

Radiart Corporation, The. (See Mace, Arthur T., assignor.)
Radiart Corporation, The. (See Nace, Allen S., assignor.)
Radiart Corporation, The. (See Van Benschoten, Walter, assignor.)
Radio Condenser Company. (See Robb, Joseph S., assignor.)
Radio Corporation of America. (See Ackley, Thomas, assignor.)
Radio Corporation of America. (See Albrecht, Harold D., assignor.)
Radio Corporation of America. (See Alburger, James R., assignor.)
Radio Corporation of America. (See Allen, Horace C., assignor.)
Radio Corporation of America. (See Allen, H. C., and Grundmann, assignors.)
Radio Corporation of America. (See Allen, Victor O., assignor.)
Radio Corporation of America. (See Alons, Luitje, assignor.)
Radio Corporation of America. (See Anderson, Earl I., assignor.)
Radio Corporation of America. (See Anderson, E. I., and Mountjoy, assignors.)
Radio Corporation of America. (See Anderson, Leslie J., assignor.)
Radio Corporation of America. (See Artzt, Maurice, assignor.)
Radio Corporation of America. (See Bagno, Samuel J. A. M., assignor.)
Radio Corporation of America. (See Baker, Judd O., assignor.)
Radio Corporation of America. (See Bakker, A., and van Duuren, assignors.)
Radio Corporation of America. (See Baldwin, C. F., and Bokovoy, assignors.)
Radio Corporation of America. (See Ballard, Randall C., assignor.)
Radio Corporation of America. (See Bandringa, M., and Teves, assignors.)
Radio Corporation of America. (See Banks, George B., assignor.)
Radio Corporation of America. (See Barthelemy, René, assignor.)
Radio Corporation of America. (See Barton, Loy E., assignor.)
Radio Corporation of America. (See Batsel, Cecil N., assignor.)
Radio Corporation of America. (See Batsel, Max C., assignor.)
Radio Corporation of America. (See Battermann, Ludwig A., assignor.)
Radio Corporation of America. (See Bedford, Alda V., assignor.)
Radio Corporation of America. (See Bedford, A. V., and Magnusson, assignors.)
Radio Corporation of America. (See Beers, George L., assignor.)
Radio Corporation of America. (See Beizer, H H., and Newman, assignors.)
Radio Corporation of America. (See Beizer, H. H., and Siemens, assignors.)
Radio Corporation of America. (See Bell, David A., assignor.)
Radio Corporation of America. (See Blain, Albert, assignor.)
Radio Corporation of America. (See Bliss Warren H., assignor.)
Radio Corporation of America. (See Böhm, Otto, assignor.)
Radio Corporation of America. (See Bokovoy, Samuel A., assignor.)
Radio Corporation of America. (See Bond, Donald S., assignor.)
Radio Corporation of America. (See Bouwers, Albert, assignor.)
Radio Corporation of America. (See Braden, Rene A., assignor.)
Radio Corporation of America. (See Brett, George F., assignor.)
Radio Corporation of America. (See Brown, Charles H., assignor.)
Radio Corporation of America. (See Brown, George H., assignor.)
Radio Corporation of America. (See Bruining, Hajo, assignor.)
Radio Corporation of America. (See Bruining, H., and de Boer, assignors.)
Radio Corporation of America. (See Bruining, H., de Boer, and Teves, assignors.)
Radio Corporation of America. (See Bulk, Jan, assignor.)
Radio Corporation of America. (See Burnett, Carlos E., assignor.)
Radio Corporation of America. (See Burnside, Don G., assignor.)
Radio Corporation of America. (See Burrill, Charles M., assignor.)
Radio Corporation of America. (See Busse, Ernst, assignor.)
Radio Corporation of America. (See Carlson, Wendell L., assignor.)
Radio Corporation of America. (See Carlson, Wendell La V., assignor.)
Radio Corporation of America. (See Carlson, W. L., and Conron, assignors.)
Radio Corporation of America. (See Carlson, W. L., and Harvey, assignors.)
Radio Corporation of America. (See Carlson, W. L., and Landon, assignors.)
Radio Corporation of America. (See Carter, Philip S., assignor.)
Radio Corporation of America. (See Cartwright, Charles H., assignor.)
Radio Corporation of America. (See Castle, Chester W., assignor.)
Radio Corporation of America. (See Chittick, K. A., and Jones, assignors.)
Radio Corporation of America. (See Clark, Gilbert R., assignor.)
Radio Corporation of America. (See Clough, N. H., and Green, assignors.)
Radio Corporation of America. (See Coeterier, F., and Teves, assignors.)
Radio Corporation of America. (See Collins, Milford E., assignor.)
Radio Corporation of America. (See Conklin, James W., assignor.)
Radio Corporation of America. (See Cooper, Donald T., assignor.)
Radio Corporation of America. (See Cox, John W., assignor.)
Radio Corporation of America. (See Crosby, Murray G., assignor.)
Radio Corporation of America. (See Curtiss, A. N., and Vassos, assignors.)
Radio Corporation of America. (See Davis, N. E., Green, and Hall, assignors.)
Radio Corporation of America. (See de Boer, Jan H., assignor.)
Radio Corporation of America. (See de la Sabloniere, Christian Jan de L., assignor.)
Radio Corporation of America. (See Dearing, John B., assignor.)
Radio Corporation of America. (See Demuth, Galan W., assignor.)
Radio Corporation of America. (See Dimmick, Glenn L. assignor.)
Radio Corporation of America. (See Ditcham, William T., assignor.)
Radio Corporation of America. (See Dolbear, Benjamin L., assignor.)
Radio Corporation of America. (See Dolbear, B. L., and Webster, assignors.)
Radio Corporation of America. (See Donal, John S., Jr., assignor.)
Radio Corporation of America. (See Dow, Orville E., assignor.)
Radio Corporation of America. (See Duttera, William S., assignor.)
Radio Corporation of America. (See Eaglesfield, Charles C., assignor.)
Radio Corporation of America. (See Eaton, Warren S., assignor.)
Radio Corporation of America. (See Eckersley, Peter P., assignor.)
Radio Corporation of America. (See Eddy, William C., assignor.)
Radio Corporation of America. (See Epstein, David W., assignor.)
Radio Corporation of America. (See Evans, John, assignor.)
Radio Corporation of America. (See Fewings, David J., assignor.)
Radio Corporation of America. (See Finch, James L., assignor.)
Radio Corporation of America. (See Fischer, Edwin L., assignor.)
Radio Corporation of America. (See Flaherty, M., and Holmes, assignors.)
Radio Corporation of America. (See Flory, Leslie E., assignor.)
Radio Corporation of America. (See Foster, Dudley E., assignor.)
Radio Corporation of America. (See Franke, August J., assignor.)
Radio Corporation of America. (See Franklin, Charles S., assignor.)
Radio Corporation of America. (See Franklin, Ralph E., assignor.)
Radio Corporation of America. (See Frantz, Samuel G., assignor.)
Radio Corporation of America. (See Gall, B. O. M., and Hugenholtz, assignors.)
Radio Corporation of America. (See Gelzer, John R., assignor.)
Radio Corporation of America. (See George, Ralph W., assignor.)
Radio Corporation of America. (See George, Roscoe H., assignor.)
Radio Corporation of America. (See Gerber, Paul D., assignor.)
Radio Corporation of America. (See Goddard, De Witt R., assignor.)
Radio Corporation of America. (See Goldsmith, Alfred N., assignor.)

Radio Corporation of America. (See Goldstine, Hallan E., assignor.)
Radio Corporation of America. (See Goodling, G. G., Jr., and Stocker, assignors.)
Radio Corporation of America. (See Green, Norval H., assignor.)
Radio Corporation of America. (See Groeneveld, Yme B. F. J., assignor.)
Radio Corporation of America. (See Grundmann, Gustave L., assignor.)
Radio Corporation of America. (See Guedon, Emile C., assignor.)
Radio Corporation of America. (See Haantjes, J., and Tellegen, assignors.)
Radio Corporation of America. (See Hackley, Reginald A., assignor.)
Radio Corporation of America. (See Haeff, A. V., and Smith, assignors.)
Radio Corporation of America. (See Haines, Donald G., assignor.)
Radio Corporation of America. (See Hallmark, Clyde E., assignor.)
Radio Corporation of America. (See Hansell, Clarence W., assignor.)
Radio Corporation of America. (See Hansell, C. W., and Goldstine, assignors.)
Radio Corporation of America. (See Hansell, C. W., Usselman, and Latimer, assignors.)
Radio Corporation of America. (See Harris, William A., assignor.)
Radio Corporation of America. (See Harvey, R. L., and Wentworth, assignors.)
Radio Corporation of America. (See Hasbrouck, Harold J., Jr., assignor.)
Radio Corporation of America. (See Hathaway, Jarrett L., assignor.)
Radio Corporation of America. (See Headrick, Lewis B., assignor.)
Radio Corporation of America. (See Henderson, Roy A., assignor.)
Radio Corporation of America. (See Henry, Thomas J., assignor.)
Radio Corporation of America. (See Hepp, Gerard, assignor.)
Radio Corporation of America. (See Herold, Edward W., assignor.)
Radio Corporation of America. (See Hershberger, William D., assignor.)
Radio Corporation of America. (See Hickok, Willard, assignor.)
Radio Corporation of America. (See Hickok, Willard H., assignor.)
Radio Corporation of America. (See Holmes, Ralph S., assignor.)
Radio Corporation of America. (See Holst, G., and Wolf, assignors.)
Radio Corporation of America. (See Holst, Paul F. G., assignor.)
Radio Corporation of America. (See Holst, P. F. G., and Kirkwood, assignors.)
Radio Corporation of America. (See Hopkins, Lloyd C., Jr., assignor.)
Radio Corporation of America. (See Horkheimer, Rolf, assignor.)
Radio Corporation of America. (See Horowitz, Alexandre, assignor.)
Radio Corporation of America. (See Horowitz, A., and Knos, assignors.)
Radio Corporation of America. (See Hunt, Seymour, assignor.)
Radio Corporation of America. (See Hunter, James H., assignor.)
Radio Corporation of America. (See Hutchens, Raymond D., assignor.)
Radio Corporation of America. (See Iams, Harley A., assignor.)
Radio Corporation of America. (See Iams, H. A., and Rose, assignors.)
Radio Corporation of America. (See Janes, Robert B., assignor.)
Radio Corporation of America. (See Jarvis, K. W., and Blair, assignors.)
Radio Corporation of America. (See Jenkins, Charles F., assignor.)
Radio Corporation of America. (See Jones, Mack C., assignor.)
Radio Corporation of America. (See Jones, N. R., and Carson, assignors.)
Radio Corporation of America. (See Jonker, Johan L. H., assignor.)
Radio Corporation of America. (See Jonker, J. L. H., and Moubis, assignors.)
Radio Corporation of America. (See Jonker, J. L. H., and van Overbeek, assignors.)
Radio Corporation of America. (See Kahn, Alfred, assignor.)
Radio Corporation of America. (See Kamenarovic, Leone, assignor.)
Radio Corporation of America. (See Karns, Melvin E., assignor.)
Radio Corporation of America. (See Karolus, August, assignor.)
Radio Corporation of America. (See Katzin, Martin, assignor.)
Radio Corporation of America. (See Kaufmann, Henry W., assignor.)
Radio Corporation of America. (See Keall, Oswold E., assignor.)
Radio Corporation of America. (See Keall, O. E., and Rust, assignors.)
Radio Corporation of America. (See Kellogg, Edward W., assignor.)
Radio Corporation of America. (See Kellogg, E. W., and Landis, assignors.)
Radio Corporation of America. (See Kemp, Roland J., assignor.)
Radio Corporation of America. (See Kilgore, George R., assignor.)
Radio Corporation of America. (See Kimmich, William, assignor.
Radio Corporation of America. (See Kinyon, Brice W., assignor.)
Radio Corporation of America. (See Kirkwood, Loren R., assignor.)
Radio Corporation of America. (See Kirkwood, L. R., and Holst, assignors.)
Radio Corporation of America. (See Knoll, Max, assignor.)
Radio Corporation of America. (See Knös, G. B., and Horowitz, assignors.)
Radio Corporation of America. (See Koch, Winfield, R.)
Radio Corporation of America. (See Kreuzer, Barton, assignor.)
Radio Corporation of America. (See Kroes, Alex, assignor.)
Radio Corporation of America. (See Landon, Vernon D., assignor.)
Radio Corporation of America. (See Landon, V. D., and Grundmann, assignors.)
Radio Corporation of America. (See Langmuir, David B., assignor.)
Radio Corporation of America. (See Lederer, Ernest A., assignor.)
Radio Corporation of America. (See Lester, Paul S., assignor.)
Radio Corporation of America. (See Leverenz, Humboldt W., assignor.)
Radio Corporation of America. (See Lewis, Robert F., assignor.)
Radio Corporation of America. (See Lindenblad, Nils E., assignor.)
Radio Corporation of America. (See Linder, Ernest G., assignor.)
Radio Corporation of America. (See Linsell, Alfred A., assignor.)
Radio Corporation of America. (See Little, David S., assignor.)
Radio Corporation of America. (See Loughlin, William D., assignor.)
Radio Corporation of America. (See Loughren, A. V., and Smith, assignors.)
Radio Corporation of America. (See Luck, David G. C., assignor.)
Radio Corporation of America. (See Maloff, Ioury G., assignor.)
Radio Corporation of America. (See Maloff, I. G., Epstein, and Wendt, assignors.)
Radio Corporation of of America. (See Malter, Louis, assignor.)
Radio Corporation of America. (See Maris, Elwood S., assignor.)
Radio Corporation of America. (See Martin, Herschel B., assignor.)
Radio Corporation of America. (See Marton, Ladislaus, assignor.)
Radio Corporation of America. (See Massa, Frank, assignor.)
Radio Corporation of America. (See Mathes, Richard E., assignor.)
Radio Corporation of America. (See Matthews, Walter I., assignor.)
Radio Corporation of America. (See McClaughlin, K. M., and Seelen, assignors.)
Radio Corporation of America. (See Meier, Wilber L., assignor.)
Radio Corporation of America. (See Meyer, Leslie W., assignor.)
Radio Corporation of America. (See Moodey, L. T., and Staines, assignors.)
Radio Corporation of America. (See Moore, Harold A., assignor.)
Radio Corporation of America. (See Moore, Harold A., and J. B., assignors.)
Radio Corporation of America. (See Morgan, Adolph R., assignor.)
Radio Corporation of America. (See Morton, George A., assignor.)
Radio Corporation of America. (See Morton, G. A., and Flory, assignors.)
Radio Corporation of America. (See Mountjoy, Garrard, assignor.)
Radio Corporation of America. (See Mountjoy, G., and Finnigan, assignors.)
Radio Corporation of America. (See Mountjoy, G., and Wilby, assignors.)
Radio Corporation of America. (See Murdoch, Alexander, Jr., assignor.)
Radio Corporation of America. (See Myers, Leonard M., assignor.)

Radio Corporation of America. (See Myers, L. M., and Cadzow, assignors.)
Radio Corporation of America. (See Myers, L. M., and Goodenough, assignors.)
Radio Corporation of America. (See Nelson, Herbert, assignor.)
Radio Corporation of America. (See Newman, William E., assignor.)
Radio Corporation of America. (See Nielsen, John F., assignor.)
Radio Corporation of America. (See Norrito, Earl F., assignor.)
Radio Corporation of America. (See Norton, Lowell E., assignor.)
Radio Corporation of America. (See Ogilvie, Allan R., assignor.)
Radio Corporation of America. (See Okabe, Kinjiro, assignor.)
Radio Corporation of America. (See Olson, Harry F., assignor.)
Radio Corporation of America. (See Oosterhuis, Ekko, assignor.)
Radio Corporation of America. (See Parkin, Thomas D., assignor.)
Radio Corporation of America. (See Pasma, Douwe, assignor.)
Radio Corporation of America. (See Peterson, Harold O., assignor.)
Radio Corporation of America. (See Peterson, H. O., and Katzin, assignors.)
Radio Corporation of America. (See Phelps, William D., assignor.)
Radio Corporation of America. (See Pike, E. W., Rajchman, and Snyder, assignors.)
Radio Corporation of America. (See Plaistowe, Donald L., assignor.)
Radio Corporation of America. (See Poch, Waldemar J., assignor.)
Radio Corporation of America. (See Pollack, Dale, assignor.)
Radio Corporation of America. (See Posthumus, Klaas, assignor.)
Radio Corporation of America. (See Powell, Everton B., assignor.)
Radio Corporation of America. (See Preston, John, assignor.)
Radio Corporation of America. (See Quinby, Edwin J., assignor.)
Radio Corporation of America. (See Reid, John D., assignor.)
Radio Corporation of America. (See Reinartz, John L., assignor.)
Radio Corporation of America. (See Richards, Claude L., assignor.)
Radio Corporation of America. (See Richards, C. L., and Kerkhof, assignors.)
Radio Corporation of America. (See Rinia, Herre, assignor.)
Radio Corporation of America. (See Rinia, H., and van der Ven, assignors.)
Radio Corporation of America. (See Roberts, Walter V., assignor.)
Radio Corporation of America. (See Roberts, Walter van B., assignor.)
Radio Corporation of America. (See Robinson, Hyman I., assignor.)
Radio Corporation of America. (See Rose, Albert, assignor.)
Radio Corporation of America. (See Rosenberg, Albert L., assignor.)
Radio Corporation of America. (See Ross, Ernest, assignor.)
Radio Corporation of America. (See Runge, Frank E., assignor.)
Radio Corporation of America. (See Rust, Nöel M., assignor.)
Radio Corporation of America. (See Rust, N. M., and Brailsford, assignors.)
Radio Corporation of America. (See Rust, N. M., and Brett, assignors.)
Radio Corporation of America. (See Rust, N. M., and Goodenough, assignors.)
Radio Corporation of America. (See Sachtleben, Lawrence T., assignor.)
Radio Corporation of America. (See Sander, Morris, assignor.)
Radio Corporation of America. (See Sanders, Royden C., Jr., assignor.)
Radio Corporation of America. (See Sanial, Arthur J., assignor.)
Radio Corporation of America. (See Schade, Otto H., assignor.)
Radio Corporation of America. (See Scheldorf, Ranald D., assignor.)
Radio Corporation of America. (See Schomacker, Max T., assignor.)
Radio Corporation of America. (See Schrack, Eduard, assignor.)
Radio Corporation of America. (See Schrader, Harold J., assignor.)
Radio Corporation of America. (See Schwarzkopf, Herbert N., assignor.)
Radio Corporation of America. (See Seeley, Stuart W., assignor.)
Radio Corporation of America. (See Shankweiler, Ray G., assignor.)
Radio Corporation of America. (See Shelby, Robert E., assignor.)
Radio Corporation of America. (See Shepard, Francis H., Jr., assignor.)
Radio Corporation of America. (See Sherman, Jesse B., assignor.)
Radio Corporation of America. (See Shore, Henry, assignor.)
Radio Corporation of America. (See Siemens, Rudolph H., assignor.)
Radio Corporation of America. (See Sinclair, Allan T., assignor.)
Radio Corporation of America. (See Six, Willem, assignor.)
Radio Corporation of America. (See Smith, J. Ernest, assignor.)
Radio Corporation of America. (See Smith, Jerome C., assignor.)
Radio Corporation of America. (See Smith, John P., assignor.)
Radio Corporation of America. (See Smith, P. T., and Garner, assignors.)
Radio Corporation of America. (See Smith, Rogers M., assignor.)
Radio Corporation of America. (See Snyder, Richard L., Jr., assignor.)
Radio Corporation of America. (See Spencer, James A., assignor.)
Radio Corporation of America. (See Steere, Richard M., assignor.)
Radio Corporation of America. (See Stocker, Arthur C., assignor.)
Radio Corporation of America. (See Stocker, A. C., Schrader, and Robins, assignors.)
Radio Corporation of America. (See Stone, Fred B., assignor.)
Radio Corporation of America. (See Strutt, M. J. O., and Kleynen, assignors.)
Radio Corporation of America. (See Swift, Gilbert, assignor.)
Radio Corporation of America. (See Tellegen, B. D. H., and Henriquez.)
Radio Corporation of America. (See Tellegen, B. D. H., and van Weel, assignors.)
Radio Corporation of America. (See Teves, M. C., Kraak, and Bandringa, assignors.)
Radio Corporation of America. (See Thomas, Adolph A., assignor.)
Radio Corporation of America. (See Thompson, Browder J., assignor.)
Radio Corporation of America. (See Tolson, William A., assignor.)
Radio Corporation of America. (See Travis, Charles, assignor.)
Radio Corporation of America. (See Trevor, Bertram, assignor.)
Radio Corporation of America. (See Tringham, William S. L., assignor.)
Radio Corporation of America. (See Tromp, Theodoor P., assignor.)
Radio Corporation of America. (See Turner, Alfred H., assignor.)
Radio Corporation of America. (See Twatt, James, assignor.)
Radio Corporation of America. (See Umbreit, Stanton, assignor.)
Radio Corporation of America. (See Underhill, Joseph L., assignor.)
Radio Corporation of America. (See Usselman, George L., assignor.)
Radio Corporation of America. (See Usselman, G. L., and Franklin, assignors.)
Radio Corporation of America. (See Usselman, G. L., and Hansell, assignors.)
Radio Corporation of America. (See Vance, Arthur W., assignor.)
Radio Corporation of America. (See Van der Ziel, Aldert, assignor.)
Radio Corporation of America. (See Van Dyke, William D., assignor.)
Radio Corporation of America. (See van Eldik, Pieter F., assignor.)
Radio Corporation of America. (See van Ingen Schenau, Bernardus W., assignor.)
Radio Corporation of America. (See van Loon, Carel, assignor.)
Radio Corporation of America. (See van Loon, Carel J., assignor.)
Radio Corporation of America. (See van Overbeek, Adrianus J. W. M., assignor.)
Radio Corporation of America. (See van Slooten, Jacob, assignor.)
Radio Corporation of America. (See van Steenis, Otto L., assignor.)
Radio Corporation of America. (See van Yzeren, Ewoud A., assignor.)
Radio Corporation of America. (See Veenemans, Cornelis F., assignor.)
Radio Corporation of America. (See Verbeek, H. P. J., and Tellegen, assignors.)
Radio Corporation of America. (See Vivie, Wilhelmus L. L., assignor.)

Radio Corporation of America. (See Vogel, Charles P., assignor.)
Radio Corporation of America. (See von Ardenne, Manfred, assignor.)
Radio Corporation of America. (See Vose, Charles H., assignor.)
Radio Corporation of America. (See Wagener, Winfield G., assignor.)
Radio Corporation of America. (See Wagner, Herbert M., assignor.)
Radio Corporation of America. (See Walker, Louis E. Q., assignor.)
Radio Corporation of America. (See Walker, William T., assignor.)
Radio Corporation of America. (See Waller, Leland C., assignor.)
Radio Corporation of America. (See Wamsley, Delos H., assignor.)
Radio Corporation of America. (See Wassell, Harold J. H., assignor.)
Radio Corporation of America. (See Wassell, H. J. H., and Cannon, assignors.)
Radio Corporation of America. (See Weagant, Roy A., assignor.)
Radio Corporation of America. (See Weathers, Paul, assignor.)
Radio Corporation of America. (See Wein, John F., assignor.)
Radio Corporation of America. (See Wells, N., and Ladner, assignors.)
Radio Corporation of America. (See Wendt, Karl R., assignor.)
Radio Corporation of America. (See Wesselink, Balthazar J., assignor.)
Radio Corporation of America. (See Whitaker, James N., assignor.)
Radio Corporation of America. (See Widell, Emil G., assignor.)
Radio Corporation of America. (See Witt, Bertram J., assignor.)
Radio Corporation of America. (See Wolf, Lester J., assignor.)
Radio Corporation of America. (See Wolff, Irving, assignor.)
Radio Corporation of America. (See Young, Charles J., assignor.)
Radio Corporation of America. (See Zimmerman, Arthur G., assignor.)
Radio Corporation of America. (See Zottu, Paul D., assignor.)
Radio Corporation of America. (See Zworykin, Vladimir K., assignor.)
Radio Corporation of America. (See Zworykin, V. K., and Malter, assignors.)
Radio Inventions, Inc. (See Hogan, John V. L., assignor.)
Radio Inventions, Inc. (See Hogan, J. V. L., and Ressler, assignors.)
Radio Keith Orpheum Corporation. (See Aalberg, John O., assignor.)
Radio Keith Orpheum Corporation. (See Cunningham, Harry G., assignor.)
Radio-Keith-Orpheum Corporation. (See McDowell, Hugh, Jr., assignor.)
Radio Keith Orpheum Corporation. (See Winchester, Armstead C., assignor.)
Radio Patents Corporation. (See Dalpayrat, Henri F., assignor.)
Radio Patents Corporation. (See Ducati, Adriano C., assignor.)
Radio Patents Corporation. (See Evers, F., Herrmann, and Werner, assignors.)
Radio Patents Corporation. (See Guanella, Gustav, assignor.)
Radio Patents Corporation. (See Hollmann, Hans E., assignor.)
Radio Patents Corporation, Trustee. (See Linder, Ludwig, assignor.)
Radio Patents Corporation. (See Plebanski, Jozef, assignor.)
Radio Patents Corporation. (See Schuck, Oscar H., assignor.)
Radio Patents Corporation. (See Zakariás, Imre, assignor.)
Radle, Henry J., Evanston, Ill., assignor, by mesne assignments, to USL Battery Corporation, Niagara Falls, N. Y. Battery grid pasting machine. 2,215,438; Sept. 17.
Rado, Leopold. (See Hermann, H., and Rado.)
Radtke, Bruno, Libertyville, assignor to The Exhibit Supply Company, Chicago, Ill. Circuit control. 2,192,620; Mar. 5.
Radtke, Bruno, Libertyville, assignor to The Exhibit Supply Company, Chicago, Ill. Selector mechanism. 2,192,621; Mar. 5.
Radtke, Bruno, Libertyville, assignor to The Exhibit Supply Company, Chicago, Ill. Amusement apparatus. 2,192,622; Mar. 5.
Radtke, Charles, West New York, and H. Bellman, Wood-Ridge, assignors to Lorr Laboratories, Paterson, N. J. Liquid spraying apparatus. 2,206,673; July 2.
Radtke, Max, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Production of water gas. 2,204,001; June 11.
Raduner & Co., A.-G. (See Schönholzer, Albert, assignor.)
Raduns, Solomon, assignor to Greenpoint Metallic Bed Company, Inc., Brooklyn, N. Y. Bedspring construction. 2,216,100; Sept. 24.
Rady, William J., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Battery charging system. 2,202,121; May 28.
Radzinsky, Harry. (See Brell, J. J., and Radzinsky.)
Radzinsky, Harry, assignor to Katz & Ogush, Inc., New York, N. Y. Jewelry clasp. 2,191,084; Feb. 20.
Radzyner, Samuel M., Bronx, N. Y. Amusement device. 2,197,483; Apr. 16.
Radzyner, Samuel M., Chicago, Ill. Memorandum holder. 2,223,225; Nov. 26.
Rae, Annie E. A. W. (See (Rae, J. M., assignor) and Scott.)
Rae, James M., and S. F. Scott; said Rae assignor to A. E. A. W. Rae, Medicine Hat, Alberta, Canada. Land leveler. 2,189,962; Feb. 13.
Raettig, Adele S., Hoboken, N. J. Angle divider. 2,208,137; July 16.
Raffles, Frank. (See Howell, Hugh A., assignor.)
Raffles, Frank, Chicago, Ill. Heating device for pyrography and soldering iron. 2,185,266; Jan. 2.
Raffold Process Corporation. (See Plumstead, Joseph E., assignor.)
Raffold Process Corporation. (See Rafton, Harold R., assignor.)
Rafter, Albert, Glen Ridge, assignor to Rafter Machine Company, Belleville, N. J. Structural member. 2,185,384; Jan. 2.
Rafter, Albert, Glen Ridge, assignor to Rafter Machine Company, Belleville, N. J. Stud and rafter. 2,185,475; Jan. 2.
Rafter Machine Company. (See Rafter, Albert, assignor.)
Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Paper manufacture. 2,189,832; Feb. 13.
Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Paper manufacture. 2,208,597; July 23.
Ragan, Frederick H., assignor to The Bohn Aluminum & Brass Corporation, Detroit, Mich. Method and apparatus for forming bearings. 2,214,235; Sept. 10.
Ragan, Thomas M. (See Baker, R. C., Burt, and Ragan.)
Ragan, Thomas M. (See Baker, R. C., and Ragan.)
Ragan, Thomas M., Downey, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Packing for well devices. 2,196,668; Apr. 9.
Ragatz, Edward G., assignor to Union Oil Company of California, Los Angeles, Calif. Solvent rectification of petroleum. 2,216,602; Oct. 1.
Ragatz, Edward G., Los Angeles, and D. E. McFaddin, Richmond, assignors to Union Oil Company of California, Los Angeles, Calif. Solvent recovery. 2,185,311; Jan. 2.
Ragborg, Peter. (See Boyd, C. A., Kraft, and Ragborg.)
Ragland, Elbert L., assignor of one-fourth to F. Fletcher, one-fourth to O. L. Green, Kermit, and one-fourth to J. Freudiger, Wink, Tex. Remover and inserter. 2,216,676; Oct. 1.
Ragland, Herbert A., Los Angeles, Calif. Caponizing table. 2,194,030; Mar. 19.
Ragovin, Charles. (See Freeman, M., and Ragovin.)
Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Diaphragm. 2,188,632; Jan. 30.
Ragsdale, Earl J. W., Norristown, and A. G. Dean, Narberth, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Engine bed underframe. 2,185,988; Jan. 2.
Ragsdale, Earl J. W., Norristown, and A. G. Dean, Narberth, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle. 2,195,599; Apr. 2.
Ragsdale, Earl J. W., Norristown, and A. G. Dean, Narberth, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Car body. 2,197,708; Apr. 16.
Ragsdale, Earl J. W., Norristown, J. F. Clary, Bala-Cynwyd, and D. L. Buchanan, Whitemarsh, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Ventilating system. 2,223,940; Dec. 3.
Ragsdale, Edward T., Flint, Mich. Spare tire mounting. 2,214,937; Sept. 17.
Ragsdale, Tyrus B., San Francisco, Calif. Self-fastening line reel. 2,222,802; Nov. 26.
Rahauser, Clarence E., York, Pa. Ice cream making apparatus. 2,226,979; Dec. 31.
Rahe, Samuel E., Springfield Gardens, assignor to Berst-Forster-Dixfield Co., New York, N. Y. Match book machine. 2,218,218; Oct. 15.
Rahn, Edward C., Brooklyn, N. Y. Indicia bearing device. 2,200,454; May 14.
Rahn, Ernst, and E. Willwacher, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Neutralized amplifier circuit. 2,222,423; Nov. 19.
Rahn, Ernst, and E. Willwacher, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Return coupled electron discharge device circuit. 2,226,740; Dec. 31.
Rahn, Hugh E., Burton, S. C. Lawn mower. 2,210,217; Aug. 6.

Rahn, Werner, Berlin-Charlottenburg, assignor to Patentverwertungs-Gesellschaft mit beschrankter Haftung "Hermes", Berlin, Germany. Refrigerating apparatus of the compression type. 2,194,171; Mar. 19.
Rahr, Chester E., assignor to Certain-Teed Products Corporation, New York, N. Y. Covering material. 2,200,341; May 14.
Rahrer, Francis W., and S. Edelman, Anniston, Ala. Electrically operated remote control device. 2,208,948; July 23.
Raiche, Paul A., North Providence, R. I. Dusting powder. 2,195,424; Apr. 2.
Raigorodsky, Paul M., assignor to Petroleum Engineering, Incorporated, Tulsa, Okla. Recovery of desirable constituents from gas. 2,214,678; Sept. 10.
Raigosa, Jose, El Paso, Tex. Sand drier. 2,219,634; Oct. 29.
Railey, Louise, et al. (See Darling, Louis H., assignor.)
Railley Corporation. (See Kanter, Marcus E., assignor.)
Railpullers Incorporated. (See Shipp, Roy C., assignor.)
Railroad Accessories Corporation. (See Deems, Edward, assignor.)
Railroad Accessories Corporation. (See Lavarack, Frederick C., assignor.)
Railroad Accessories Corporation. (See Lavarack, F. C., and Schlesinger, assignors.)
Railroad Research Bureau. (See Oyen, Finn, assignor.)
Rails Company, The. (See Packer, Eben R., assignor.)
Railsback, Ora L., Charleston, Ill. Pitch determining apparatus. 2,221,523; Nov. 12.
Railway and Industrial Engineering Company. (See Carlisle, George L., assignor.)
Railway and Industrial Engineering Company. (See de Bellis, Aldo M., assignor.)
Railway Track Joint Corporation. (See Neal, Ernest C., assignor.)
Raine, Warren A. (See Henderson, L. M., Ayers, Raine, and Ross.)
Rainey, James L. (See Bruson, H. A., and Rainey.)
Rainey, Paul M., assignor to Combination Selector Company, Montclair, N. J. Tabulating machine. 2,192,695; Mar. 5.
Rainey, Rexton S., Wheaton, and T. O. Kosatka, Cicero, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Split oil seal and gasket. 2,209,578; July 30.
Rainier, Edwin T., Nutley, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Manufacture of abrasive articles. 2,216,135; Oct. 1.
Raithelhuber, Ernst. (See Hurst, M., Hammer, and Raithelhuber.)
Raittila, Martta, Keewatin, Minn. Mop holder. 2,209,635; July 30.
Raizen, Charles S., New Rochelle, N. Y., and W. D. May, Franktown, Nev. Feather ball. 2,193,645; Mar. 12.
Rajah Company, The. (See Pederquist, Ernest G. J., assignor.)
Rajchman, Jan A. (See Pike, E. W., Rajchman, and Snyder.)
Rakas, Nicholas J. (See Ladd, E. C., and Rakas.)
Rakonitz, Jenö. (See Buchgraber, János, assignor.)
Rakowsky, Victor, Joplin, Mo., and R. W. Arms, assignors to Minerals Beneficiation Incorporated, Chicago, Ill. Separating fragmentary materials. 2,190,637; Feb. 13.
Rakowsky, Victor, Joplin, Mo.; R. W. Arms, Evanston, Ill., and G. J. Holt, St. Paul, Minn., assignors to Minerals Beneficiation Incorporated, Chicago, Ill. Separating fragmentary materials. 2,203,601; June 4.
Ralson, John C., Seabold, Wash. Table leg mounting. 2,202,318; May 28.
Ralson Manufacturing Corporation. (See Stark, Ralph, assignor.)
Ralston, Anderson W., assignor to Armour and Company, Chicago, Ill. Condensation product from phosgene and acetylene compounds and preparing the same. 2,196,445; Apr. 9.
Ralston, Anderson W., assignor to Armour and Company, Chicago, Ill. High molecular weight substituted ethinyl carbinols. 2,203,363; June 4.
Ralston, Anderson W., W. O. Pool, and J. Harwood, assignors to Armour and Company, Chicago, Ill. Concentrating ores and flotation agents therefor. 2,185,968; Jan. 2.
Ralston, Anderson W., and R. J. Vander Wal, assignors to Armour and Company, Chicago, Ill. Facilitating Friedel-crafts reactions. 2,189,383; Feb. 6.
Ralston, Anderson W., and R. J. Vander Wal, assignors to Armour and Company, Chicago, Ill. Acyl styrenes. 2,197,709; Apr. 16.
Ralston, Anderson W., R. J. Vander Wal, and S. T. Bauer, assignors to Armour and Company, Chicago, Ill. Acylated indenes and polymerization products thereof and preparing the same. 2,197,710; Apr. 16.
Ralston, Anderson W., R. J. Vander Wal, and E. W. Segebrecht, assignors, to Armour and Company, Chicago, Ill. Polymerized acylated coumarones. 2,197,711; Apr. 16.
Ralston, Anderson W., and E. J. Hoffman, assignors to Armour and Company, Chicago, Ill. Mineral oil compositions and preparing the same. 2,197,712; Apr. 16.
Ralston, Anderson W., and E. J. Hoffman, assignors to Armour and Company, Chicago, Ill. Mineral oil compositions and preparing the same. 2,197,713; Apr. 16.
Ralston, Anderson W., and J. Harwood, Chicago, and E. W. Hopkins, Hinsdale, assignors to Armour and Company, Chicago, Ill. Insecticide. 2,204,511; June 11.
Ralston, Anderson W., and R. J. Vander Wal, assignors to Armour and Company, Chicago, Ill. Oil soluble acylated dye. 2,209,902; July 30.
Ralston, Anderson W., R. J. Vander Wal and S. T. Bauer, assignors to Armour and Company, Chicago, Ill. Phenolketone-formaldehyde resinous condensation product. 2,209,903; July 30.
Ralston, Anderson W., and V. Conquest, assignors to Armour and Company, Chicago, Ill. Refining soybean oil. 2,209,904; July 30.
Ralston, Anderson W., and R. J. Vander Wal, assignors to Armour and Company, Chicago, Ill. Weed killing composition. 2,209,905; July 30.
Ralston, Frank M. (See Bagley, R. N., and Ralston.)
Ralston, James V., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Brake. 2,204,105; June 11.
Ralston, Oliver C., Hyattsville, Md., assignor to Government of the United States, as represented by the Secretary of the Interior. Purification of rock minerals. 2,185,224; Jan. 2.
Ralston Purina Company. (See Smith, Herbert J., assignor.)
Ralston, Robert L., Oklahoma City, Okla., assignor to Phillips Petroleum Company. Device for eliminating gas lock in pumps. 2,219,635; Oct. 29.
Ralston, Walter E., Delavan, Wis. Knitted garment. 2,220,277; Nov. 5.
Rambo, Ingar G. (See Uecker, R. A., Rambo, and Beatty.)
Rambo, Ingar G. (See Uecker, R. A., Rambo, Beatty, and Graser.)
Rambo, Joseph D., assignor to Rambo & Regar, Inc., Norristown, Pa. Hosiery with external welts incorporating elastic yarn. 2,223,808; Dec. 3.
Rambo & Regar, Inc. (See Rambo, Joseph D., assignor.)
Ramel Manufacturing Co. (See Potts, Royce H., assignor.)
Ramet Corporation of America. (See Balke, Clarence W., assignor.)
Ramet Corporation of America. (See Balke, Clarence W. and C. C., assignors.)
Ramo, Simon, Schenectady, N. Y., assignor to General Electric Company. High frequency apparatus. 2,224,122; Dec. 3.
Ramos, Joseph A., San Francisco, Calif. Position selector. 2,200,679; May 14.
Ramos, Joseph A., San Francisco, Calif. Remote control apparatus. 2,200,680; May 14.
Rampacher, Fritz, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating transformer. 2,186,207; Jan. 9.
Rampacher, Fritz, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Roller bearing arrangement. 2,189,615; Feb. 6.
Ramsaur, Walter R., assignor to Young Radiator Company, Racine, Wis. Distributor head for evaporators. 2,193,696; Mar. 12.
Ramsaur, Walter R., Racine, Wis., assignor to General Motors Corporation, Detroit, Mich. Condenser for mechanical refrigerators. 2,195,259; Mar. 26.
Ramsaur, Walter R., and C. J. O'Brien, Lockport, N. Y., assignors to General Motors Corporation, Detroit, Mich. Oil cooler. 2,222,721; Nov. 26.
Ramsay, Frank R. F., assignor to D. Napier & Son Limited, London, England. Testing the electrical ignition systems of internal combustion engines. 2,188,845; Jan. 30.
Ramsay, Henry T., Pinner, assignor to The General Electric Company Limited, London, England. Mercury arc converter. 2,225,757; Dec. 24.
Ramsay, James W. (See Shipp, V. L., Boenau, and Ramsay.)
Ramsden, James, et al. (See Ramsden, Walter, assignor.)
Ramsden, John T. (See Wallace, F. R., and Ramsden.)
Ramsden, John T., and F. R. Wallace, assignors to The Tabor Manufacturing Company, Philadelphia, Pa. Lawn perforator. 2,193,779; Mar. 12.
Ramsden, Walter, assignor of one-third to J. Ramsden, Pawtucket, and one-third to M. C. Miller, Cumberland, R. I. Braiding machine stop motion. 2,185,225; Jan. 2.
Ramsey Accessories Manufacturing Corporation. (See Marien, Charles A., assignor.)
Ramsey Accessories Manufacturing Corporation. (See Moeller, George J., assignor.)
Ramsey, Allan. (See McMahon, G. F., and Ramsey.)
Ramsey, Allan, Evanston, assignor to Schweizer & Conrad, Inc., Chicago, Ill. Switch. 2,193,238; Mar. 12.
Ramsey, Allan, Evanston, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Switch. 2,211,161; Aug. 13.
Ramsey, Allan, Evanston, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Switch. 2,226,385; Dec. 24.
Ramsey, Allan, Evanston, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Switch. 2,226,386; Dec. 24.
Ramsey Chain Company. (See Ferris, Ernest E., assignor.)
Ramsey, Charles J., St. Louis, Mo. Portable fuel oil burner. 2,218,154; Oct. 15.

Ramsey, Clarence S., Springfield, Ohio. Apparatus for pulverizing materials. 2,196,642; Apr. 9.
Ramsey, Dell M., Hamburg, assignor to The Exolon Company, Blasdell, N. Y. Multideck screen. 2,226,503; Dec. 24.
Ramsey, Fred J., Harrisburg, Pa. Automatic transmission. 2,188,233; Jan. 23.
Ramsey, Ivan H. (See Harris, P. R., Pinney, and Ramsey.)
Ramsey, Ralph H., Springfield, Mo. Soil conservation apparatus. 2,210,218; Aug. 6.
Ramsey, Raymond B., Cambridge, Mass., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Fire stop for apparatus racks. 2,189,993; Feb. 13.
Ramseyer, Charles F., Chicago, Ill. Mineral wool. 2,193,982; Mar. 19.
Ramseyer, Charles F., Chicago, Ill. Making mineral wool. 2,223,047; Nov. 26.
Ramstad, George E., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Machine brake. 2,206,617; July 2.
Ranco Incorporated. (See Leonard, Paul B., assignor.)
Ranco Incorporated. (See Raney, Eldon D., assignor.)
Ranco Incorporated. (See Raney, Estel C., assignor.)
Ranco Incorporated. (See Raney, Roy E., assignor.)
Ranco Incorporated. (See Schmieding, Warren H. F., assignor.)
Ranco Incorporated. (See Van Dyke, Henry A., assignor.)
Rand, James H., Jr., Stamford, Conn., assignor, by mesne assignments, to Remington Rand Inc., Buffalo, N. Y. Inner cutter detaching device for dry shavers. 2,186,122; Jan. 9.
Rand, Leonard A., assignor of one-half to The International Coin Counting Machine Company Limited, London, England. Envelope sealing machine. 2,226,411; Dec. 24.
Randa, General Conrad, et al., executor. (See Lederer, Anton, assignor.)
Randall, Arthur M., Prairie City, Iowa. Disk sharpener. 2,185,519; Jan. 2.
Randall, Benjamin O., Shelby, N. C., assignor of two-thirds to G. L. Sarratt, Gaffney, S. C., executor of estate of L. Y. Randall. Dobby drive. 2,214,594; Sept. 10.
Randall Graphite Products Corporation. (See Whiteley, Robert H., assignor.)
Randall, John T. (See Breadner, R. L., Randall, and Ryde.)
Randall, John T. (See McKeag, A. H., and Randall.)
Randall, John T., Harrow Weald, England, assignor to General Electric Company. Luminescent material. 2,195,341; Mar. 26.
Randall, John T., Harrow Weald, England, assignor to General Electric Company. Combinations of electric discharge devices and materials excited to luminescence by the electric discharge. 2,216,252; Oct. 1.
Randall, L. Y. (See Randall, Benjamin O.)
Randall, Meredith S., assignor to Woodall Industries Incorporated, Detroit, Mich. Laminated trim panel. 2,202,963; June 4.
Randall, Norman E., Shannock, R. I., assignor to Columbia Narrow Fabric Company. Striped elastic fabric. 2,212,378; Aug. 20.
Randall, Walter H., and W. E. Parsons, Waterville, Maine, and W. J. Schwertfeger, West Englewood, N. J., assignors, by mesne assignments, to The Canal National Bank of Portland, Portland, Maine, as trustee. Packing sheet. 2,215,252; Sept. 17.
Randall, William J., Lenton, Nottingham, England. Expansion joint filling. 2,208,082; July 16.
Randel, Lina, New York, N. Y. Artificial miniature landscape. 2,196,230; Apr. 9.
Randol Corporation, The. (See Randol, Glenn T., assignor.)
Randol, Glenn T., Cape Girardeau, assignor to The Randol Corporation, St. Louis, Mo. Control mechanism for change speed transmissions. 2,193,432: Mar. 12.
Randolph, Alfred A., San Francisco, Calif. Refrigerator odor absorbent. 2,204,910; June 18.
Randolph, Chalmers H., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Adhesive tape dispenser and applier. 2,210,003; Aug. 6.
Randolph, Charles P., deceased, Oak Park, Ill., E. C. Randolph and D. Saner, executors, Oak Park, Ill., and L. A. Kempton, Chicago, Ill., assignors to Edison General Electric Appliance Company, Inc. Electric switch. 2,203,236; June 4.
Randolph, Donald W., Flint, assignor to General Motors Corporation, Detroit, Mich. Ignition circuit. 2,203,579; June 4.
Randolph, Donald W., Flint, assignor to General Motors Corporation, Detroit, Mich. Temperature compensating electric pressure gauge. 2,212,247: Aug. 20.
Randolph, Donald W., and J. W. McCulloch, Flint, assignors to General Motors Corporation, Detroit, Mich. Magneto rotor construction. 2,189,524; Feb. 6.
Randolph, Donald W., and R. H. Bigler, Flint, assignors to General Motors Corporation, Detroit, Mich. Electric thermogauge engine unit (copper oxide type). 2,197,115; Apr. 16.
Randolph, E. C., et al., executors. (See Randolph, Charles P.)
Randolph, Harry B., Acton Green, London, and A. Mathisen, High Holborn, London, assignors to The Wilkinson Sword Company Limited, London, England. Shaver. 2,210,466; Aug. 6.
Randolph, Nathaniel B., Ladue, Mo., assignor to Granite City Steel Company, Inc., Granite City, Ill. Sheet metal roofing. 2,199,924; May 7.
Randolph, Oliver W., Toledo, Ohio. Transit treating of material. 2,205,175; June 18.
Randolph, Oliver W., Toledo, Ohio. Hammer mill. 2,226,741; Dec. 31.
Randolph, Spottiswoode W., assignor to Koppers Company, Baltimore, Md. Hot metal car. 2,205,154; June 18.
Randzio, Reinhold, Reichenbach in Eulengebirge, Germany. Bookkeeping system. 2,218,297; Oct. 15.
Raney, Arthur M., Corpus Christi, Tex., assignor of twenty-four per cent to G. J. Fulton, Nueces County, Tex. Wrapping machine. 2,212,185; Aug. 20.
Raney, Claude L., and H. C. Humphrey, Manvel, Tex., assignors to The Texas Company, New York, N. Y. Oil treating unit. 2,221,169; Nov. 12.
Raney, Clemma R. (See Lindgren, A. C., and Raney.)
Raney, Clemma R., Riverside, R. D. MacDonald, Western Springs, and W. F. Schmied, Blue Island, Ill., assignors to International Harvester Company. Front end construction for manure spreaders. 2,211,909; Aug. 20.
Raney, Eldon D., assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,227,199; Dec. 31.
Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Oil burner control apparatus. 2,185,752; Jan. 2.
Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Refrigerator variable differential control device. 2,193,679; Mar. 12.
Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,202,429; May 28.
Raney, Robert M., Euclid, assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery. 2,186,148; Jan. 9.
Raney, Robert M., Euclid, and F. Altmayer, assignors to Willard Storage Battery Company, Cleveland, Ohio. Terminal post seal for batteries. 2,186,149; Jan. 9.
Raney, Roy E., assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,213,505; Sept. 3.
Ranger Engineering Corporation. (See Gregory, Alfred T., assignor.)
Ranger, George W. (See Ranger, James M. and G. W.)
Ranger, James M., deceased, (Mertha I. Ranger, administratrix); and G. W. Ranger, Muskegon, Mich. Trailer coupler. 2,215,839; Sept. 24.
Ranger, Mertha I., administratrix. (See Ranger, James M. and G. W.)
Rankin, Albert L., Stevenson, Wash., assignor of one-half to Margaret R. Calendine, Cascade Locks, Oreg. Trailer hitch. 2,202,867; June 4.
Rankin, Armand T., assignor of one-half to G. L. Canfield, Indianapolis, Ind. Coal stoker. 2,203,844; June 11.
Rankin, Fred C., assignor to Gaston County Dyeing Machine Company, Stanley, N. C. Automatic dyeing machine. 2,225,350; Dec. 17.
Rankin, John R., Woodland, Calif. Fuel feeding device. 2,213,994; Sept. 10.
Rankin, Kenneth S., Toronto, Ontario, Canada. Sound absorbing composition. 2,195,580: Apr. 2.
Rankin, Robert E., Avalon, Pa., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,204,770; June 18.
Rankin, William K., Lansdowne, Pa., assignor to General Electric Company. Electric fuse and indicator. 2,188,816; Jan. 30.
Rankin, William K., Lansdowne, Pa., assignor to General Electric Company. Electric circuit breaker. 2,222,722; Nov. 26.
Ranly, Frank. (See Mayne, F., and Ranly.)
Ranney, Willet B., assignor to Wm. Wrigley Jr. Company, Chicago, Ill. Package wrap. 2,208,229; July 16.
Ransom, John B., Troy, N. Y. Nonskid device mounting tool. 2,222,891; Nov. 26.
Ransom, Paul. (See McClung, C. W., and Ransom.)
Ransom & Randolph Company, The. (See Moore, Thomas E., assignor.)
Ransome Concrete Machinery Co. (See Cronk, George W., assignor.)
Ransome Concrete Machinery Company. (See Faber, John P., assignor.)
Ransome and Marles Bearing Company Limited. (See Hickling, Fred O., assignor.)
Räntsch, Kurt, Berlin-Steglitz, Germany, assignor to Opticolor Aktiengesellschaft, Glarus, Switzerland. Optical system. 2,189,298; Feb. 6.
Räntsch, Kurt, Jena, Germany, assignor, by mesne assignments, to Kislyn Corporation, New York, N. Y. Projector condenser system. 2,225,485; Dec. 17.
Räntsch, Kurt, Jena, and L. Bertele, H. Sauer, and A. Merz, assignors to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Illuminating system. 2,186,123; Jan. 9.
Räntsch, Kurt, Berlin-Steglitz, and H. Retzlaff, Schonow, near Bernau, Germany, assignors to Opticolor Aktiengesellschaft, Glarus, Switzerland. Diaphragm for preventing dominants on colored pictures. 2,189,297; Feb. 6.
Raoder, Ed., et al. (See Francis, George W., Sr., assignor.)

Raphael, Harold A., Bellflower, Calif. Weight recorder. 2,189,552; Feb. 6.
Rapid Roller Co. (See Rapport, David M., assignor.)
Rapien, Leslie J., Chicago, Ill. Hammer. 2,193,143; Mar. 12.
Rapinwax Paper Company. (See Rhodes, Cecil M., assignor.)
Rapp, August O., Lakeville, Minn. Swinging door. 2,195,679; Apr. 2.
Rapp, Howard B., Santa Ana, Calif. Ground working implement. 2,209,312; July 30.
Rapp, Howard B., assignor to H. B. Rapp and S. Rapp, copartners doing business as Towner Manufacturing Co., Santa Ana, Calif. Disk harrow construction. 2,191,098; Feb. 20.
Rapp, Julian D., Turlock, Calif. Apron control for carrying scrapers. 2,189,222; Feb. 6.
Rapp, Sally, et al. (See Rapp, Howard B., assignor.)
Rapp, Wilhelm. (See Hopff, H., and Rapp.)
Rappaport, Maurice I., Cleveland Heights, Ohio. Method and apparatus for producing multiple reflections. 2,222,301; Nov. 19.
Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Motor and control therefor. 2,217,382; Oct. 8.
Rapport, David M., assignor to Rapid Roller Co., Chicago, Ill. Damping mechanism for lithographic presses. 2,220,278; Nov. 5.
Rare Chemicals Inc. (See Dirscherl, W., and Hanusch, assignors.)
Rare Chemicals, Inc. (See Rabald, E., and Johannessohn, assignors.)
Rasanen, Charles A., Aberdeen, Wash. Taping device. 2,191,238; Feb. 20.
Rasch, Carl H., North Tonawanda, N. Y. Separator plate and making same. 2,195,134; Mar. 26.
Rasch, Carl H., North Tonawanda, N. Y. Storage battery. 2,206,122; July 2.
Rasch, Martin, Chicago, Ill., assignor to Chicago Jack Company. Car-rocking device. 2,223,576; Dec. 3.
Rasco, Russell A., Coral Gables, Fla., assignor of one-half to F. O. Dennis, Buffalo, N. Y. Book. 2,227,320; Dec. 31.
Rasener, Walter H., Indianapolis, Ind. Smoker's pipe. 2,195,260; Mar. 26.
Rasetti, Franco. (See Fermi, E., Amaldi, Pontecorvo, Rasetti, and Segre.)
Rash, John W., Newark, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Laminated structure and making the same. 2,186,124; Jan. 9.
Rask, Gilbert E., Santa Barbara, Calif. Propeller. 2,215,564; Sept. 24.
Rasmussen, Arthur O. (See Lock, G. M., and Rasmussen.)
Rasmussen, Charles, assignor of one-half to J. Oster, Racine, Wis. Saw machine. 2,200,894; May 14.
Rasmussen, Christian A., Colonial Heights, Ohio. Push button operated rotary switch. 2,218,358; Oct. 15.
Rasmussen, Clarence A. (See Tunsen, E. L., and Rasmussen.)
Rasmussen, Clarence T. (See Tuft, M. H., and Rasmussen.)
Rasmussen, John A., assignor of forty-nine per cent to R. G. Doege, Salem, Oreg. Trailer hitch. 2,217,234; Oct. 8.
Rasmussen, Olaf, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Brake shoe. 2,195,262; Mar. 26.
Rasmussen, Olaf, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Master cylinder for hydraulic brakes. 2,212,248; Aug. 20.
Rasmussen, Olaf, and E. R. Pierce, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Internal brake. 2,195,261; Mar. 26.
Rasmussen, Olaf, and E. R. Pierce, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Disk brake. 2,219,792; Oct. 29.
Rasmussen, Thomas J., and J. H. Humberstone, Schenectady, N. Y., assignors to General Electric Company. Arc welding electrode. 2,209,829; July 30.
Rasmussen, Thomas J., and J. H. Humberstone, Schenectady, N. Y., assignors to General Electric Company. Arc welding electrode. 2,210,777; Aug. 6.
Rasor, John P., Boron, Calif., assignor to Pacific Coast Borax Company. Separating soluble ores by hindered settling separation. 2,214,206; Sept. 10.
Raspe, Friedrich, Leverkusen, Germany, and R. W. Ancrum, Billingham, England, assignors to Titan Company, Inc., Wilmington, Del. Titanium dioxide pigment and printing ink containing the same. 2,224,987; Dec. 17.
Rast, Frederick Q., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Stamp issuing machine. 2,226,980; Dec. 31.
Rastetter, Harry O., assignor to The Union Metal Manufacturing Company, Canton, Ohio. Adjustable coupling. 2,214,381; Sept. 10.
Rastetter, Harry O., Canton, and G. D. Rausch, Hartville, assignors to The Union Metal Manufacturing Company, Canton, Ohio. Arm mounting construction. 2,195,013; Mar. 26.
Rastetter, Harry O., Canton, and G. D. Rausch, Hartville, assignors to The Union Metal Manufacturing Company, Canton, Ohio. Aligning coupling. 2,214,382; Sept. 10.
Rastetter, William C., Fort Wayne, Ind. Folding chair. 2,188,207; Jan. 23.
Rastetter, William C., Fort Wayne, Ind. Extension table. 2,205,274; June 18.
Rataiczak, Francis I., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,214,086; Sept. 10.
Rataiczak, Thomas F., and G. B. Fox, assignors to The Hobart Manufacturing Company, Troy, Ohio. Washing machine. 2,217,705; Oct. 15.
Ratajczak, Stephen. (See Stenzy, August F. P., assignor.)
Ratcliff, Raymond R., Columbus, Ohio. Cushion foot support for shoes. 2,221,202; Nov. 12.
Ratcliffe, George L. (See Fritsche, Albert C., assignor.)
Rateau, Henri, Weirton, and E. D. Gossett, Hollidays Cove, W. Va. Open hearth furnace and operating the same. 2,191,354; Feb. 20.
Rateau, Jacques, Montrouge, France. Combined magnetic compass and directional gyroscope. 2,200,431; May 14.
Rath Packing Company, The. (See Donnell, A. D., and Miller, assignors.)
Rath, Werner, and H. Handrek, Bad Klosterlausnitz, assignors to Porzellanfabrik Kahla, Kahla, Thuringia, Germany. Manufacture of ceramic dielectrics. 2,215,478; Sept. 24.
Rathborne, Hair & Ridgway Co. (See Dietrick, John J., assignor.)
Rathbun, Homer E., Glendale, assignor to Clayton Manufacturing Company, Alhambra, Calif. Fan rotor. 2,195,869; Apr. 2.
Rathbun, John P., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Sealing means for high pressure heads. 2,203,364; June 4.
Rathbun, John P., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High pressure closure for pressure vessels. 2,213,410; Sept. 3.
Rathbun, Louis C., Oelwein, Iowa. Soldering device. 2,221,108; Nov. 12.
Rathbun, Merrill L., Salamanca, N. Y. Press. 2,202,964; June 4.
Rathbun, Robert B., Sunburst, Mont., assignor to The Texas Company, New York, N. Y. Stabilization of light hydrocarbon distillates. 2,208,105; July 16.
Rathsam, Russell C., Chicago, Ill. Bookmarker. 2,189,180; Feb. 6.
Ratié, Paulin J. P. (See Ratié, Pierre P., assignor.)
Ratié, Paulin J. P., Montrouge, Seine, France. Machine for manufacturing propeller blades by copying. 2,204,696; June 18.
Ratié, Pierre P., Montrouge, assignor, by mesne assignments, to P. J. P. Ratié, Montrouge (Seine), France. Variable pitch airscrew. 2,187,364; Jan. 16.
Ratkovszky, Francis, Budapest, Hungary. Voltage-regulating equipment. 2,202,024; May 28.
Ratley, Harold M. (See Davies, C. J., and Ratley.)
Ratley, Harold M. (See Mitchell, A. S., Davies, and Ratley.)
Ratliff, Reube R., Houston, Tex. Vehicle load weighing device. 2,225,182; Dec. 17.
Ratner, Morris B., Phoenix, Ariz. Shaping air filled rubber to form cushion grips for steering wheels. 2,185,568; Jan. 2.
Ratner, Morris B., Phoenix, Ariz. Safety steering wheel. 2,197,317; Apr. 16.
Ratsey, Osbert L. (See White, E. L. C., and Ratsey.)
Rattan Manufacturing Company, The. (See Coleman, Orville K., assignor.)
Rattan Manufacturing Company, The. (See Dann, Paul N., assignor.)
Ratzlaff, Lydia N., Easton, Pa. Silverware container. 2,218,892; Oct. 22.
Rau Fastener Company. (See Arthur, James H., assignor.)
Rau, Henry C. (See Wagner, J. P., and Rau.)
Rau, Karl. (See Root, H. H., and Rau.)
Rau, Karl, assignor to The A. I. Root Company, Medina, Ohio. Candle and fuel composition for candles. 2,188,795; Jan. 30.
Rauch, Hans. (See Grimm, O., and Rauch.)
Rauch, Louis J. and P., Brooklyn, N. Y. Reflector device. 2,202,168; May 28.
Rauch, Louis J. and P., Brooklyn, N. Y. Cowl fastener. 2,205,862; June 25.
Rauch, Louis J. and P., Brooklyn, N. Y. Cowl fastener. 2,205,863; June 25.
Rauch, Philip. (See Rauch, Louis J. and P.)
Rauchfuss, Franz, Bitterfeld, Germany. Kitchen and like utensil. 2,225,658; Dec. 24.
Rauchholz, Heinrich. (See Thofehrn, G., and Rauchholz.)
Rauen, John B., Los Angeles, Calif., assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Fender guard. 2,207,895; July 16.
Rauglas, Gerard, Great Kills, N. Y. Ski binding. 2,197,010; Apr. 16.
Rauglas, Gerard, Great Kills, N. Y. Ski binding. 2,199,444; May 7.
Rauh, Frederic H., South Orange, assignor to J. Wiss & Sons Company, Newark, N. J. Grass shears. 2,208,949; July 23.

Rauh, Hermann, Berlin-Zehlendorf, assignor to Wanderer-Werke vorm. Winklhofer & Jaenicke Akt.-Ges., Schonau, Chemnitz, Germany. Calculating machine. 2,222,373; Nov. 19.
Raulerson, Hardy H., Long Beach, Calif. Air cell. 2,211,074; Aug. 13.
Rausch, George D. (See Rastetter, H. O., and Rausch.)
Rausch, Harry L. (See Aller, W. F., and Rausch.)
Rauser, Henry. (See Dripps, H. E., and Rauser.)
Rautenstrauch, Walter, Palisade, assignor to The Dorin Corporation, Union City, N. J. Packing. 2,210,004; Aug. 6.
Rava, Alexander, Chicago, Ill. Inductively heating the metallic parts of enclosed electrical devices. Re. 21,326; Jan. 16.
Raven, Arthur R. F., Hong Kong, China. Combined fuel pump, injection and spray jet for use with an internal combustion engine. 2,197,944; Apr. 23.
Ravenscroft, Edward A., Glencoe, assignor to Abbott Laboratories, North Chicago, Ill. Apparatus for venoclysis. 2,210,098; Aug. 6.
Ravenscroft, Edward A., Glencoe, and F. H. Young, Lake Bluff, assignors to Abbott Laboratories, Chicago, Ill. Capsule making machine. 2,205,837; June 25.
Ravenscroft, Edward A., Glencoe, and R. E. Jordan, Deerfield, assignors to Abbott Laboratories, North Chicago, Ill. Apparatus for indirect transfusion and venoclysis. 2,214,260; Sept. 10.
Ravi, Reino J., Detroit, and G. R. Linja, River Rouge, Mich. Electric solder box. 2,206,674; July 2.
Ravigneaux, Pol, Neuilly-sur-Seine, France. Speed changing device. 2,194,954; Mar. 26.
Ravigneaux, Pol, Neuilly-sur-Seine, France. Gear box with freewheeling gear. 2,195,783; Apr. 2.
Ravigneaux, Pol, Neuilly-sur-Seine, France. Speed changing device. 2,220,174; Nov. 5.
Rawling, Francis G., Piedmont, W. Va., assignor to West Virginia Pulp & Paper Company, New York, N. Y. Treatment of soy bean meal by fermentation. 2,190,644; Feb. 20.
Rawling, Francis G., Piedmont, W. Va., assignor to West Virginia Pulp & Paper Company, New York, N. Y. Bleaching pulp. 2,203,205; June 4.
Rawlings, James T., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Attaching device for key chains and the like. 2,209,475; July 30.
Rawlings, John J., London, assignor to The Rawlplug Company, Limited, South Kensington, London, England. Wall or like plug. 2,191,399; Feb. 20.
Rawlings Manufacturing Company. (See Bullock, David M., assignor.)
Rawlins, Archie L. (See Walsh, J. F., and Rawlins.)
Rawlins, Herbert L. (See Crabbs, H. J., and Rawlins.)
Rawlins, Herbert L., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupting device. 2,200,122; May 7.
Rawlinson, George H. and R. A., Portland, Oreg. Buck for pressing machines. 2,195,737; Apr. 2.
Rawlinson, Ocie, Birmingham, Ala. Automatic equalizing brakerigging. 2,216,048; Sept. 24.
Rawlinson, Richard A. (See Rawlinson, George H. and R. A.)
Rawlplug Company, The. (See Gelpcke, Alfred W., assignor.)
Rawlplug Company, The. (See Howard, Winthrop R., assignor.)
Rawlplug Company Limited, The. (See Rawlings, John J., assignor.)
Rawls, Vaughn. (See Rawls, Walter G., and V.)
Rawls, Walter G., and V. Rawls, Lima, Ohio. Tire retreading machine. 2,186,882; Jan. 9.
Rawson, Charles H. (See Johnson, A. F., and Rawson.)
Rawson, Emanuel, Chicago, Ill., assignor to The Superheater Company, New York, N. Y. Operating mechanism for injector overflow valves. 2,203,103; June 4.
Rawson, Leslie A., Los Angeles, Calif. Derrick construction. 2,191,681; Feb. 27.
Ray, Arthur B., Port Washington, and L. A. Logan, Flushing, N. Y., assignors to Carbide and Carbon Chemicals Corporation. Solvent recovery system. 2,211,162; Aug. 13.
Ray, Audry C. (See Aeschbach, W., and Ray.)
Ray, Bertha J., et al. (See Mallory, Louis V., assignor.)
Ray, Charles J., Denton, Nebr. Lister plow. 2,185,520; Jan. 2.
Ray, Charles T., assignor to B. F. Avery and Sons Company, Louisville, Ky. Tractor attachment. 2,225,393; Dec. 17.
Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Edge trimming machine. 2,210,005; Aug. 6.
Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Welt presser for sole attaching machines. 2,211,836; Aug. 20.
Ray, Evelyn. (See Millard, E., Wetmore, and Ray.)
Ray, Floyd A. (See Farwell, J. V., 3rd, and Ray.)
Ray, Fred P. (See Hartmann, R., and Ray.)
Ray, Frederick, Short Hills, N. J., assignor to The Automatic Appliance Company, St. Louis, Mo. Apparatus for determining the lubricating values of oils. 2,194,527; Mar. 26.
Ray, Frederick A., Los Angeles, Calif. Hackamore bit. 2,225,232; Dec. 17.
Ray, Hugh P. (See Newton, E. E., and Ray.)
Ray, James G., Hatboro, Pa., assignor, by mesne assignments to Autogiro Company of America. Rotating-wing aircraft. 2,216,163; Oct. 1.
Ray Oil Burner Co. (See Henriksen, Harvey E., assignor.)
Ray, Philip A., assignor to Hercules Powder Company, Wilmington, Del. Binding agent for foundry cores and method of manufacture thereof. 2,203,471; June 4.
Ray, Robert H. (See Bible, J. L., and Ray.)
Ray, William A., Glendale, Calif. Thermocouple structure. 2,186,707; Jan. 9.
Ray, William A., Glendale, Calif. Fan control system. 2,216,281; Oct. 1.
Ray, William A., San Francisco, Calif. Refrigerating apparatus. 2,192,368; Mar. 5.
Raybestos-Manhattan, Inc. (See Bockius, C., Batchelor, and Cook, assignors.)
Raybestos-Manhattan, Inc. (See Heinsohn, Alvin F., assignor.)
Raybestos-Manhattan, Inc. (See Judd, Morton F., assignor.)
Raybestos-Manhattan, Inc. (See Kuzmick, Joseph N., assignor.)
Raybestos-Manhattan, Inc. (See Kuzmick, Paul L., assignor.)
Raybestos-Manhattan, Inc. (See Novak, Izador J., assignor.)
Raybestos-Manhattan, Inc. (See Pope, George E., assignor.)
Raybould Coupling Company. (See Raybould, Frank J., assignor.)
Raybould, Frank J., Erie, assignor to Raybould Coupling Company, Meadville, Pa. Valve. 2,197,384; Apr. 16.
Raybould, Frank J., Erie, assignor to Raybould Coupling Company, Meadville, Pa. Coupling. 2,203,237; June 4.
Raybould, Frank J., Erie, assignor to Raybould Coupling Company, Meadville, Pa. Coupling compression ring. 2,205,910; June 25.
Raybould, Frank J., Erie, assignor to Raybould Coupling Company, Meadville, Pa. Coupling and joint formed thereby. 2,214,177; Sept. 10.
Raybuck, Franklin A., Philadelphia, Pa. Silent alarm wrist watch. 2,192,505; Mar. 5.
Rayburn, Alden G., Sausalito, Calif., assignor of forty percent to A. D. Knox, Nashville, Tenn., and twenty percent to E. S. Rayburn, Sausalito, Calif. Lens assembly. 2,194,614; Mar. 26.
Rayburn, Eddy S., et al. (See Rayburn, Alden G., assignor.)
Rayburn, Kitty, Denton, Tex. Marble game. 2,222,684; Nov. 26.
Raymond Bag Company, The. (See Sharkey, William E., assignor.)
Raymond Brass & Mfg. Co. (See Raymond, Hugh, assignor.)
Raymond Concrete Pile Company. (See Smith, Herman R., assignor.)
Raymond Concrete Pile Company. (See Watt, Elihu D., assignor.)
Raymond, Edward F., Manhattan Beach, Calif. Rotary jar. 2,190,045; Feb. 13.
Raymond, Edward F., Redondo Beach, and L. Spencer, Los Angeles, assignors to Lane-Wells Company, Los Angeles, Calif. Gun perforator for well casings. 2,210,125; Aug. 6.
Raymond, Gwynne, Oklahoma City, Okla. Tank drain. 2,193,466; Mar. 12.
Raymond, Gwynne, and R. L. Feagles, Oklahoma City, Okla., and W. W. Mason, Kansas City, Mo. Shut-off valve for tank discharge lines. 2,216,296; Oct. 1.
Raymond, Horace H., Berlin, assignor to The Stanley Works, New Britain, Conn. Article of hardware. 2,186,683; Jan. 9.
Raymond, Horace H., Berlin, assignor to The Stanley Works, New Britain, Conn. Door latch. 2,188,139; Jan. 23.
Raymond, Horace H., Berlin, assignor to The Stanley Works, New Britain, Conn. Article of hardware. 2,190,192; Feb. 13.
Raymond, Horace H., Berlin, assignor to The Stanley Works, New Britain, Conn. Spring catch. 2,211,290; Aug. 13.
Raymond, Horace H., Berlin, assignor to Eagle Lock Company, Terryville, Conn. Remote control for latches and locks. 2,222,553; Nov. 19.
Raymond, Hugh, assignor to Raymond Brass & Mfg. Co., Pittsburgh, Pa. Elevator. 2,222,685; Nov. 26.
Raymond, Norton G., Detroit, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Apparatus for trimming tires. 2,226,742; Dec. 31.
Raymond, Ralph, Nyack, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,224,696; Dec. 10.
Raymond, Shedd S., and H. M. Montgomery, Oil City, Pa. Garment finishing, refinishing, and reshaping machine. 2,200,606; May 14.
Raymond, Thomas E., Zanesville, Ohio. Filter press filler block. 2,185,314; Jan. 2.
Rayner, Samuel I., assignor of one-half to D. R. McCormack, San Jose, Calif. Shearing tool. 2,219,602; Oct. 29.

Rayniak, Joseph G., assignor to Outboard Marine & Manufacturing Company, Waukegan, Ill. Supporting bracket. 2,213,434; Sept. 3.
Raynolds, John F., assignor to The Unipress Company, Incorporated, Minneapolis, Minn. Pressing machine. 2,214,178; Sept. 10.
Rayolite Rifle Range Company. (See Hall, J. R., and Falkenberg, assignors.)
Rayonier Incorporated. (See Parrett, A. N., and Woodruff, assignors.)
Ray-O-Vac Company. (See Anthony, Herman R. C., assignor.)
Ray-O-Vac Company. (See Wengel, Arthur M., assignor.)
Raytheon Manufacturing Company. (See Coffin, David D., assignor.)
Raytheon Manufacturing Company. (See Dawson, John W., assignor.)
Raytheon Manufacturing Company. (See Marshall, Laurence K., assignor.)
Raytheon Manufacturing Company. (See Overbeck, Wilcox P., assignor.)
Raytheon Manufacturing Company. (See Smith, Charles G., assignor.)
Raytheon Manufacturing Company. (See Spencer, Percy L., assignor.)
Raytheon Manufacturing Company. (See Spencer, P. L., and Marshall, assignors.)
Raytheon Production Corporation. (See Anderson, Homer G., assignor.)
Raytheon Production Corporation. (See Briggs, Thomas H., Jr., assignor.)
Raytheon Production Corporation. (See Le Van, James D., assignor.)
Razek, Joseph. (See Bazzoni, C. B., and Razek.)
Razzaboni, Umberto, Paris, France. Accordion. 2,220,660; Nov. 5.
Rea, Philip M., Oklahoma City, Okla. Fishing tool. 2,218,267; Oct. 15.
Rea, Thomas H., assignor to Armstrong Machine Works, Three Rivers, Mich. Bleeder or purging apparatus for refrigerating systems. 2,215,717; Sept. 24.
Rea, Vincent T., Brooklyn, N. Y. Motorcycle trailer hitch. 2,212,958; Aug. 27.
Rea, Wilton T., Flushing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regenerative repeater. 2,186,150; Jan. 9.
Reach, Milton B., Springfield, Mass. Inflated ball. 2,211,669; Aug. 13.
Reach, Milton B., Springfield, Mass. Making an inflated ball. 2,211,670; Aug. 13.
Reach, Milton B., Springfield, Mass. Making play or game balls. 2,214,179; Sept. 10.
Reach, Milton B., Springfield, Mass. Play or game ball. 2,219,078; Oct. 22.
Reach, Milton B., Springfield, Mass. Racket or the like. 2,224,567; Dec. 10.
Read, Chester L., Westfield, N. J., assignor to Standard Oil Development Company. Lubricating oil composition. 2,221,953; Nov. 19.
Read, Cyrus T., Chicago, Ill. Radio tuning system. 2,187,986; Jan. 23.
Read, David Y., New York, assignor to Remington Rand Inc., Buffalo, N. Y. Accumulating mechanism. 2,203,306; June 4.
Read, Everett C., assignor to The Filer & Stowell Co., Milwaukee, Wis. Facilitating alignment or centering of piston rod, piston, and cylinder assemblies. 2,193,983; Mar. 19.
Read, George B., Bloomington, Ill. Cooler apparatus. 2,215,192; Sept. 17.
Read, Herbert L. (See Dell, C., and Read.)
Read, James and P. H., Smyrna Beach, Fla. Cutter for picking fruit. 2,206,790; July 2.
Read, John C., Rugby, England, assignor to General Electric Company. Electric valve circuit. 2,221,524; Nov. 12.
Read, Leland B., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor device. 2,208,702; July 23.
Read Machinery Company. (See Brennan, A. K., and Jans, assignors.)
Read, Philip H. (See Read, James and P. H.)
Read, Roland R., Kirkwood, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Alkyl cresols. 2,198,349.
Read, Worth G., St. Paul, Minn. Printing mechanism. 2,211,910; Aug. 20.
Read, Worth G., St. Paul, Minn. Composing fork. 2,223,048; Nov. 26.
Reader, Adolph. (See Frank, Louis, assignor.)
Reading, Aulden C., assignor of one-half to J. R. Gartley, Joplin, Mo. Radio control. 2,212,791; Aug. 27.
Reading, Aulden C., assignor of one-half to J. R. Gartley, Joplin, Mo. Radio control. 2,212,792; Aug. 27.
Real Estate-Land Title and Trust Company, The. (See Brown, Francis H., assignor.)
Real Silk Hosiery Mills, Inc. (See Cobert, Arthur J., assignor.)
Reams, Clinton A. (See McCarroll, R. H., Reams, and Powers.)
Reaney, Ernest, Stratford, Conn., assignor to The O. K. Tool Company, Inc., New York, N. Y. Tool holder and clamp. 2,203,104; June 4.
Reardon, Harvey J., assignor to Classroom Laboratories, Inc., Chicago, Ill. Film-advancing device. 2,200,342; May 14.
Reardon, Robert E., Camden, N. J. Container. 2,207,757; July 16.
Reardon, Robert T., Fort Wayne, Ind., assignor to General Electric Company. Treatment of ferrous metal. 2,192,756; Mar. 5.
Reardon, Robert T., Fort Wayne, Ind., assignor to General Electric Company. Treatment of electrical apparatus. 2,227,156; Dec. 31.
Reason, Opal L., Waynesville, Ohio. Restraining device. 2,225,018; Dec. 17.
Reason, Richard E., assignor to Kapella Limited, Leicester, England. Sight testing instrument. 2,192,385; Mar. 5.
Reaume, Lawrence W., assignor to River Raisin Paper Company, Monroe, Mich. Carton structure. 2,191,180; Feb. 20.
Reaume, Lawrence W., assignor to River Raisin Paper Company, Monroe, Mich. Carton. 2,192,412; Mar. 5.
Reaume, Lawrence W., assignor to River Raisin Paper Company, Monroe, Mich. Carton. 2,192,413; Mar. 5.
Reavis, Andrew B., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,206,428; July 2.
Rebbeck, Frederick E. (See Blache, H. H., and Rebbeck.)
Rebbeck, James W., et al. (See Reimers, Hans A., assignor.)
Rebeski, Hans, assignor to Arado Flugzeugwerke Gesellschaft mit beschraenkter Haftung, Brandenburg, Germany. Shifting flaps on aircraft. 2,202,430; May 28.
Rebeski, Hans, assignor to Arado Flugzeugwerke Gesellschaft mit beschrankter Haftung, Brandenburg, Germany. Controlling hydraulically actuated devices. 2,221,150; Nov. 12.
Rebeski, Hans, Brandenburg, assignor to Arado Flugzeugwerke Gesellschaft mit beschraenkter Haftung, Babelsberg, near Berlin, Germany. Actuating ailerons of aircraft. 2,222,915; Nov. 26.
Rebsamen, William F., North Little Rock, assignor of one-half to Bean Music Company, Little Rock, Ark. Musical instrument. 2,195,521; Apr. 2.
Rechel, Ernest R. (See Pritham, C. H., Rechel, and Stevenson.)
Rechel, Ernest R., and T. Stevenson, Philadelphia, Pa. Propellent charge. 2,206,048; July 2.
Recherches, Etudes, Applications Techniques "Reat" Societe Anonyme. (See Juillerat, Maurice A., assignor.)
Rechnitzer, Rudolf, Budapest, Hungary, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Automatic control of band width in band-pass filters. 2,210,381; Aug. 6.
Recht, William. (See Carrasco, Manuel, assignor.)
Recker, Adolph C., Watertown, assignor to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Plumbing fixture. 2,210,178; Aug. 6.
Recker, Adolph C., Watertown, assignor to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Fluid drain trap. 2,210,179; Aug. 6.
Reckhow, William, Rockton, Ill. Automatic equalizer. 2,218,359; Oct. 15.
Recomatic S. A. (See Monney, Louis, assignor.)
Reconstruction Finance Corporation. (See Bachle, Carl F., assignor.)
Reconstruction Finance Corporation. (See Blair, James H., assignor.)
Reconstruction Finance Corporation. (See Cannon, Earl, assignor.)
Reconstruction Finance Corporation. (See De Bell, George W., assignor.)
Reconstruction Finance Corporation. (See Decker, Isaac C., assignor.)
Reconstruction Finance Corporation. (See de Ganahl, Carl, assignor.)
Reconstruction Finance Corporation. (See Ginn, Earl, assignor.)
Reconstruction Finance Corporation. (See Greene, J. G., and Hull, assignors.)
Reconstruction Finance Corporation. (See Hauser, Ernest B., assignor.)
Reconstruction Finance Corporation. (See Hawley, John B., Jr., assignor.)
Reconstruction Finance Corporation. (See Hillberg, Bror, assignor.)
Reconstruction Finance Corporation. (See Hillis, David R., assignor.)
Reconstruction Finance Corporation. (See Huber, William A., assignor.)
Reconstruction Finance Corporation. (See Hull, Robert W., assignor.)
Reconstruction Finance Corporation. (See Kent, William R., assignor.)
Reconstruction Finance Corporation. (See McNamara, Charles J., assignor.)
Reconstruction Finance Corporation. (See Mestekin, Bernard.
Reconstruction Finance Corporation. (See Meyer, Andre J., assignor.)
Reconstruction Finance Corporation. (See Moore, John C., assignor.)
Reconstruction Finance Corporation. (See Schoenheit, Albert J., assignor.)

Reconstruction Finance Corporation. (See Visser, John, assignor.)
Recordgraph Corporation. (See Woolf, William L., assignor.)
Rector, Enoch, Flint, Mich. Gasifying liquid fuels. 2,196,536; Apr. 9.
Rector, Ralph H. (See Le Clercq, R. G., and Rector.)
Rector, Thomas M., Morristown, and A. F. Stagmeier, Upper Montclair, N. J., assignors to General Foods Corporation, New York, N. Y. Treatment of nuts. 2,217,815; Oct. 15.
Reda Pump Company. (See Arutunoff, Armais, assignor.)
Redard, Robert A. (See Lalande, M. A., and Redard.)
Redd, William R., Western Springs, assignor to Wm. Wrigley Jr., Company, Chicago, Ill. Box covering machine. 2,188,759; Jan. 30.
Redd, William R., Western Springs, assignor to Wm. Wrigley, Jr., Company, Chicago, Ill. Releasable driving means for connecting driving and driven members. 2,205,838; June 25.
Reddelien, Gustav H., deceased, Leipzig, by M. L. Homeyer, née Reddelien, administratrix, Altona-Blankenese, Germany, assignor to General Aniline & Film Corporation. Producing aliphatic ketone anils. 2,218,587; Oct. 22.
Reddelien, Gustav, Leipzig, and G. Matthaeus, Wolfen, Kreis Bitterfeld, Germany, assignors to General Aniline & Film Corporation. Manufacture of diaminodiarylketones and product thereof. 2,190,732; Feb. 20.
Redding, Harry B., Cleveland, assignor of one-half to J. S. Van Nostrand, Columbus, and one-half to H. Bodin, Cleveland, Ohio. Control valve. 2,189,324; Feb. 6.
Redfearn, John P., assignor to Entwisle & Kenyon Limited, Accrington, England. Carpet sweeper. 2,185,753; Jan. 2.
Redfearn, John P., assignor to Entwisle & Kenyon Limited, Accrington, Lancaster, England. Carpet sweeper. 2,206,429; July 2.
Redfern, Alfred H. Birmingham, assignor to Maxolite Holdings Limited, Kingsway, London, England. Dry cell. 2,200,862; May 14.
Redfield, James W., assignor to The Tablet & Ticket Co., Chicago, Ill. Display device. 2,190,083; Feb. 13.
Redfield, John H., Denver, Colo. Telescope mounting for guns. 2,187,054; Jan. 16.
Rediflusion Limited. (See Adorjan, Paul, assignor.)
Redin, Roy W. (See Swift, J. R., and Redin.)
Redington, F. B., Co. (See Malhiot, Clarence J., assignor.)
Redington, F. B., Co. (See Milmoe, Michael J., assignor.)
Redington, F. B., Co. (See Milmoe, M. J., and Malhiot, assignors.)
Redler, Arnold, Stroud, England, assignor to Redler Conveyor Company, Quincy, Mass. Conveyer. 2,196,609; Apr. 9.
Redler, Arnold, Stroud, England, assignor to Redler Conveyor Company, New York, N. Y. Endless chain conveyer. 2,209,476; July 30.
Redler Conveyor Company. (See Redler, Arnold, assignor.)
Redman, Frank, Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Apparatus for assembling the parts of closure clamping devices. 2,198,740; Apr. 30.
Redman, Frank, Washington, Pa., asignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Bail stacker. 2,198,949; Apr. 30.
Redman, Frank, Washington, Pa., asignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Apparatus for stacking closure fasteners. 2,198,950; Apr. 30.
Redman, Horace E. (See Reiff, O. M., Giammaria, and Redman.)
Redmond, Albert G., Flint, Mich. Brush assembly for dynamoelectric machines. 2,206,366; July 2.
Redmond, John C., and R. W. Hodil, Youngstown, Ohio. Surface treatment of metals. 2,199,418; May 7.
Redshaw, Joseph H., Homestead Park, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Lehr drive for sheet glass machines. 2,215,231; Sept. 17.
Redwood Manufacturers Co. (See Simons, Edward W., assignor.)
Reece Button Hole Machine Company, The. (See Avis, Samuel W., assignor.)
Reece Button Hole Machine Company, The. (See Carlson, Axel F., assignor.)
Reece Button Hole Machine Company, The. (See Grip, Carl A. O., assignor.)
Reece Button Hole Machine Company, The. (See Nichols, Walter E., assignor.)
Reece Button Hole Machine Company, The. (See Pikul, Joseph H., assignor.)
Reece Button-Hole Machine Company, The. (See Putnam, John P., assignor.)
Reece, Franklin A., Brookline, Mass. Drive. 2,193,344; Mar. 12.
Reece, Herbert A., Cleveland Heights, Ohio, assignor to Meehanite Metal Corporation. Control apparatus for operating furnaces. 2,188,920; Feb. 6.
Reece, Herbert A., Cleveland Heights, Ohio, assignor to Meehanite Metal Corporation. Apparatus for control of air supply and securing accurate results in operation of furnaces. 2,197,947; Apr. 23.
Reece, Herbert A., Cleveland Heights, Ohio, assignor to Meehanite Metal Corporation. Apparatus and method for modification of currents of air, gases, and the like. 2,197,948; Apr. 23.
Reece, Herbert A., Cleveland Heights, Ohio, assignor to Meehanite Metal Corporation. Apparatus and method for control of flow of air, gases, and the like. 2,197,949; Apr. 23.
Reece, Wade W., assignor to The W. E. Long Company, Chicago, Ill. Method of and apparatus for cooling, slicing, and wrapping bread and the like for controlled atmosphere. 2,215,193; Sept. 17.
Reece, Wilfred C. J. D. (See Jenkins, A. H. S., Reece, and Tuck.)
Reed, Bert, Moorhead, Minn. Pan lifter. 2,200,432; May 14.
Reed, Buckley R., Longacre, W. Va. Trolley harp. 2,227,229; Dec. 31.
Reed, Carl S., and V. W. Smith, assignors to The Lummus Company, New York, N. Y. Direct fired oil heater. Re. 21,396; Mar. 12.
Reed, Charles E., Chicago, Ill. Pressure roller. 2,192,414; Mar. 5.
Reed, Clarence E. (See Giesey, R. H., assignor, and Behnke.)
Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Cross roller earth boring drill. Re. 21,628; Nov. 19.
Reed, Claude D., and R. L. Riley, Lebanon, Pa., assignors to Bethlehem Steel Company. Lifting and conveying apparatus. 2,213,718; Sept. 3.
Reed, D. H., Company. (See Reed, Dempson H., assignor.)
Reed, Daniel E. (See Puttĕrman, B., and Reed.)
Reed, Dempson H., assignor to D. H. Reed Company. Houston, Tex. Compensating outside pipe cutter. 2,213,049; Aug. 27.
Reed, Donald R., Toledo, Ohio. Gripper trousers and skirt hanger. 2,193,739; Mar. 12.
Reed, Edward H., assignor to The Pyle-National Company, Chicago, Ill. Connector. 2,194,769; Mar. 26.
Reed, Eo, Zanesville, assignor to The American Rolling Mill Company, Middletown, Ohio. Apparatus for welding thin silicon steel and the like. 2,219,493; Oct. 29.
Reed, Eo, and E. R. Mizer, Zanesville, assignors to The American Rolling Mill Company, Middletown, Ohio. Positioning means for welding devices. 2,196,941; Apr. 9.
Reed, Everett L., Arlington Heights, Mass. Armor plate. 2,201,202; May 21.
Reed, Frank S., Cincinnati, Ohio. Adjustable pipe railing fitting. 2,212,455; Aug. 20.
Reed, George A. (See Orahood, H. A., and Reed.)
Reed, Gordon W. (See Hagar, Earl B., assignor.)
Reed, Gordon W., Greenwich, Conn. Brick press. 2,208,054; July 16.
Reed, Harold V., Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,196,475; Apr. 9.
Reed, Harold V., assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,217,078; Oct. 8.
Reed, Harold V., assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,219,114; Oct. 22.
Reed, I. W., et al. (See Lay, Roy L., assignor.)
Reed, John M., Los Angeles, Calif. Illuminated wall switch plate. 2,193,740; Mar. 12.
Reed, John R., London, assignor of one-half to The Ozalid Company Limited, Westminster, London, England. Apparatus for continuously developing sensitized layers. 2,200,996. May 14.
Reed, Joseph W., Fairmont, W. Va. Separating process and apparatus. 2,210,818; Aug. 6.
Reed, Lyman C., New Orleans, La. Attic ventilation. 2,191,774; Feb. 27.
Reed, Lyman C., New Orleans, La. Fan mounting. 2,211,671; Aug. 13.
Reed, Milton R., assignor of one-half to D. J. Sanchez, Baton Rouge, La. Circular spreader. 2,205,155; June 18.
Reed-Prentice Corporation. (See Bird, Edward S., assignor.)
Reed Prentice Corporation. (See Smith, Graydon, assignor.)
Reed-Prentice Corporation. (See Smith, G., and Allen, assignors.)
Reed, Raymond E., Chicago, Ill., assignor to The Kendall Company, Walpole, Mass. Plaster of Paris cast and material for use in making same. 2,195,342; Mar. 26.
Reed, Raymond E., assignor to The Kendall Company, Walpole, Mass. Collar, cuff, and the like and making same. 2,202,025; May 28.
Reed, Raymond E., Walpole, Mass., assignor to The Kendall Company, Chicago, Ill. Chemical heating composition. 2,208,815; July 23.
Reed, Raymond E., Walpole, Mass., assignor to The Kendall Company, Chicago, Ill. Heat-producing composition. 2,208,816; July 23.
Reed, Robert C. (See Bock, L., and Reed.)
Reed, Robert H., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Sealing device. 2,195,496; Apr. 2.
Reed Roller Bit Company. (See Black, Clarence H., assignor.)
Reed Roller Bit Company. (See Book, H. B., and Hanlin, assignors.)

Reed Roller Bit Company. (See Carleton, Michael D., assignor.)
Reed Roller Bit Company. (See Childs, William L., assignor.)
Reed Roller Bit Company. (See Chiles, Harrell E., assignor.)
Reed Roller Bit Company. (See Fortune, James C., assignor.)
Reed Roller Bit Company. (See Hanly, Benjamin, assignor.)
Reed Roller Bit Company. (See Harrington, George G., assignor.)
Reed Roller Bit Company. (See Hoffoss, John E., assignor.)
Reed Roller Bit Company. (See Jones, Kenneth E., assignor.)
Reed Roller Bit Company. (See Kincaid, Wesley P., assignor.)
Reed Roller Bit Company. (See Ohls, Robert L., assignor.)
Reed Roller Bit Company. (See Scott, G. L., Shaw, and Noble, assignors.)
Reed Roller Bit Company. (See Shaw, John F., assignor.)
Reed Roller Bit Company. (See Squires, Howard L., assignor.)
Reed Roller Bit Company. (See Stancliff, Thomas H., assignor.)
Reed Roller Bit Company. (See Stokes, John C., assignor.)
Reed, Spencer De Witt, Endicott, N. Y. Rotary internal combustion engine. 2,215,232; Sept. 17.
Reed, Stephen A., Duxbury, Mass., assignor to Plymouth Cordage Company, Plymouth, Mass. Device for reenforcing tire beads and the like. Re. 21,411; Mar. 26.
Reed, Thomas J., Gulfport, Miss., Turbine. 2,195,938; Apr. 2.
Reed, William E., Pittsburgh, Pa. Making fabrics. 2,191,682; Feb. 27.
Reeder, Earl, Portland, Oreg. Bundle clearing chute. 2,201,054; May 14.
Reeder, Elbert M., Port Arthur, Tex. Closure. 2,215,276; Sept. 17.
Reeder, Frank C., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Differential regulator. 2,211,672; Aug. 13.
Reeder, Rose E., Ravenna, Nebr. Featherweight respirator. 2,199,346; Apr. 30.
Reedy, Emmett M., Los Angeles, Calif., assignor to Mueller Co., Decatur, Ill. Sink strainer. 2,188,613; Jan. 30.
Reedy, Emmett M., Los Angeles, Calif., assignor to Mueller Co., Decatur, Ill. Flow control unit. 2,204,106; June 11.
Reedy, Harvey J., and J. P. Marucco, San Francisco, Calif. Curtain rod support. 2,185,648; Jan. 2.
Reeh, Johannes, Chatenay-Malabry, France. Plant for freezing and storing fish on ships. 2,196,643; Apr. 9.
Reeh, Johannes, Chatenay-Malabry, France. Refrigerating plant. 2,209,137; July 23.
Reel-Rite Corporation. (See Rabelos, Mona M., assignor.)
Reenstierna, Gustaf L., Union City, N. J., assignor to Holrite Laundry Pin Company, Wilmington, Del. Clothespin. 2,227,106; Dec. 31.
Reer, Christian F. (See Marion, H. G., and Reer.)
Reerink, Engbert H. (See Boer, A. G., van Niekerk, Reerink, and van Wijk.)
Reese, Allyn R., and C. G. Hartsook, Denver, Colo., assignors of one-fourth to said Hartsook, and three-fourths to said Reese. Container. 2,220,351; Nov. 5.
Reese, Frank, assignor to Reese Metal Weather Strip Co., Minneapolis, Minn. Insulating shield. 2,221,005; Nov. 12.
Reese, Johannes. (See Greth, A., and Reese.)
Reese Metal Weather Strip Co. (See Reese, Frank, assignor.)
Reese, Myron W., assignor of one-half to C. J. Gallagher, Springfield, Ill. Toilet tissue holder. 2,215,053; Sept. 17.
Reese, Rudolf, Berlin, Germany, assignor to General Electric Company. Meter potential coil. 2,213,093; Aug. 27.
Reeser, Wilhelm E. (See Deutsch, August A., assignor.)
Reetz, Henry, et al. (See Marsom, E., and Wells, assignors.)
Reeve, Howard T. (See Kingsbury, E. F., and Reeve.)
Reeve, Howard T., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Bonding dissimilar metals. 2,226,944; Dec. 31.
Reevely, Frederick R., Pointe Claire, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for treating strands. 2,218,482; Oct. 15.
Reeves, Donald H., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,190,610; Feb. 13.
Reeves, Donald H., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,196,476; Apr. 9.
Reeves, Donald H., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,219,079; Oct. 22.
Reeves, George. (See Lord, G., and Reeves.)
Reeves, Harold C., Sheffield, England. Cyclone dust separator. 2,193,883; Mar. 19.
Reeves, Helena J. (See Morrow, J. H., Baker, and Reeves.)
Reeves, Herbert M. (See Johnson, R. W., and Reeves.)
Reeves, Herbert M., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Blue flame burner. ,2,202,923; June 4.
Reeves, Herbert M., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Broiler construction. 2,204,381; June 11.
Reeves, Herbert M., Kankakee, Ill., assignor, by mesne assignments, to J. L. Breese, and Oil Devices, Santa Fe, N. Mex. Oil burner. 2,207,553; July 9.
Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Control for variable speed drives. 2,188,253; Jan. 23.
Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Edge drive belt. 2,195,226; Mar. 26.
Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Variable transmission. 2,215,742; Sept. 24.
Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Variable ratio transmission. 2,219,580; Oct. 29.
Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Enclosed variable speed transmission. 2,224,369; Dec. 10.
Reeves Pulley Company. (See Clay, Harry C., assignor.)
Reeves Pulley Company. (See Jacobsen, Richard S., assignor.)
Reeves Pulley Company. (See Perry, William R., assignor.)
Reeves Pulley Company. (See Reeves, Paul B., assignor.)
Reeves Steel and Manufacturing Company. (See Curtis, Rowland G., assignor.)
Reeves Steel and Manufacturing Company. (See McClaskey, William C., assignor.)
Reffelt, Herman, Brooklyn, and C. Cagnon, New York, N. Y. Reinforced phonograph record. 2,198,060; Apr. 23.
Refining, Inc. (See Clayton, Benjamin, assignor.)
Refining, Inc. (See Clayton, B., and Thurman, assignors.)
Refining, Inc. (See Duvall, Howard M., Jr., assignor.)
Refining, Inc. (See Stadt, Henry M., assignor.)
Refining, Inc. (See Thurman, Benjamin H., assignor.)
Refinoil Manufacturing Corporation. (See Harris, William D., assignor.)
Reflectone Corporation, The. (See Simjian, Luther G., assignor.)
Reflector Hardware Corporation. (See Varon, Samuel A., assignor.)
Reflector Letters Inc. (See Nelson, R. M., and McNeil, assignors.)
Refrigerating Specialties Co. (See Hansen, Herbert, assignor.)
Refrigeration Engineering, Incorporated. (See McAdam, Harry H., assignor.)
Refrigeration Patents Corporation. (See Potter, Thomas I., assignor.)
Regan Forge & Engineering Company. (See Minor, Burt S., assignor.)
Regan, John, trustee. (See Marshall, Leslie H., assignor.)
Regan, John E., assignor to The Lamson Company, Syracuse, N. Y. Conveyer. 2,194,912; Mar. 26.
Regan, John E., assignor to The Lamson Company, Syracuse, N. Y. Conveyer. 2,198,179; Apr. 23.
Regan, Michael C., Califon, N. J. Game apparatus. 2,215,054; Sept. 17.
Regas, Gust D., Newell, S. Dak. Tool for splicing and tightening barbed wire. 2,203,238; June 4.
Regensburger, Richard W., assignor to Institute of American Meat Packers, Chicago, Ill. Hog stunning pen. 2,185,949; Jan. 2.
Regent Appliance Corporation. (See Evangelista, Dominick, assignor.)
Reger, Burt B., assignor to The Deco-Board Corporation, Parkersburg, W. Va. Wallboard construction. 2,222,572; Nov. 19.
Reger, Burt B., assignor to The Deco-Board Corporation, Parkersburg, W. Va. Wallboard construction. 2,222,573; Nov. 19.
Reger, Martin. (See Freitag, W., and Reger, assignor.)
Reger, Raymond, Anderson, Ind. Taillight and bumper combination. 2,221,721; Nov. 12.
Regester, Robert T., assignor of one-half to G. J. Requardt, Baltimore, Md. Disposing variable inflow liquid from a conduit. 2,222,595; Nov. 26.
Reggio, Ferdinando C., Buffalo, N. Y. Blower. 2,189,252; Feb. 6.
Reggio, Ferdinando C., Buffalo, N. Y. Power transmission mechanism. 2,198,273; Apr. 23.
Reggio, Ferdinando C., Peoria, Ill. Piston. 2,194,097; Mar. 19.
Regina Corporation, The. (See Norris, Alfred E., assignor.)
Register, Everett L., Springfield, asignor to North American Service Co., Chicago, Ill. Sign element and manufacture. 2,211,937; Aug. 20.
Regna, Peter P. (See Pasternack, R., and Regna.)
Regnas, John E., Indianapolis, Ind. Direction indicator switch. 2,185,569; Jan. 2.
Regnell, Yngve, Stockholm, Sweden. Regulating device applied to flush valves. 2,210,860; Aug. 6.

Regnier, Romeo F., West Roxbury, Mass. Oil burner. 2,187,055; Jan. 16.
Rehback, Charles W., Orcutt, Calif. Foot operated flusher for toilets or the like. 2,204,867; June 18.
Rehbein, Conrad. (See Fisher, A. J., Rehbein, and Coates.)
Rehbock, Arnold P., Belmont, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Coloring of meteorological balloons. 2,197,261; Apr. 16.
Rehfeld, Earl R., Chicago, Ill. Container cap and seal. 2,213,932; Sept. 3.
Rehfeld, George W., Manhattan, Kans. Splice for rods, cables, and the like. 2,212,650; Aug. 27.
Rehfield, Frank, College Point, N. Y. Sharpener. 2,222,374; Nov. 19.
Rehm, Gustav A., assignor to Riley Stoker Corporation, Worcester, Mass. Steam boiler. 2,194,098; Mar. 19.
Rehn, Edward H. and L. E., and A. M. Squire, Lima, Ohio. Corn shocker. 2,186,655; Jan. 9.
Rehn, Leelan E. (See Rehn, Edward H. and L. E., and Squire.)
Rehnberg, Axel F., assignor to Rehnberg-Jacobson Mfg. Co., Inc., Rockford, Ill. Assembling roller bearings. 2,215,134; Sept. 17.
Rehnberg-Jacobson Mfg. Co. (See Rehnberg, Axel F., assignor.)
Rehse, Frank H., assignor of one-fifth to M. Isaacson, Dayton, Ohio. Electric welding apparatus. 2,193,490; Mar. 12.
Rehse, Paul E, Dayton, Ohio. Hose nozzle. 2,207,758; July 16.
Reibel, Herman G., Warren, Ohio, assignor to General Motors Corporation, Detroit, Mich. Resilient motor mount. 2,209,477; July 30.
Reiber, Albert H. (See Krum, H. L., and Reiber.)
Reiber, Albert H., assignor to Teletype Corporation, Chicago, Ill. Multiple copy form packet. 2,187,056; Jan. 16.
Reiber, Albert H., Evanston, assignor to Teletype Corporation, Chicago, Ill. Telegraph transmitter. 2,213,475; Sept. 3.
Reiber, Albert H., Evanston, assignor to Teletype Corporation, Chicago, Ill. Telegraph transmitter. 2,213,476; Sept. 3.
Reiber, Albert H., Evanston, assignor to Teletype Corporation, Chicago, Ill. Record projector. 2,224,883; Dec. 17.
Reibold, Frank M. (See Cristiano, A. M., and Reibold.)
Reibold, Walter F., Wolcott, assignor to The Waterbury Button Company, Waterbury, Conn. Condiment holder. 2,195,999; Apr. 2.
Reich, Albert B., Dayton, Ohio. Surface plate assembly. 2,201,454; May 21.
Reich, Gustave T., Philadelphia, Pa. Recovery of carbon dioxide. 2,205,962; June 25.
Reich, Gustave T., Philadelphia, Pa. Purification of industrial gases. 2,225,131; Dec. 17.
Reich, Hans. (See Honold, E., Neresheimer, Schubert, Stein, and Reich.)
Reich, Joseph, Brooklyn, N. Y. Sounding toy. 2,208,389; July 16.
Reich, Walter A. (See Smallwood, C. H., and Reich.)
Reich, Walter A., and C. H. Smallwood, Kansas City, Mo.; said Smallwood assignor to said Reich. Apparatus for maintaining perishable articles in fresh condition. 2,218,488; Oct. 15.
Reichard, Wade H., and C. S. Bushnell, assignors to General Railway Signal Company, Rochester, N. Y. Coded continuous inductive train control and cab signaling system for railroads. 2,223,131; Nov. 26.
Reichart, Howard L., Jr., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Manufacture of acetic anhydride. 2,225,486; Dec. 17.
Reichart, Joseph, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of liquefied chlorine gas. 2,211,547; Aug. 13.
Reichart, William M., assignor to The Chandler and Price Company, Cleveland, Ohio. Power actuated gauge for paper cutting machines and the like. 2,203,547; June 4.
Reiche, Wilhelm, assignor to Voigtländer & Sohn Aktiengesellschaft, Brunswick, Germany. Folding camera. 2,189,223; Feb. 6.
Reiche, Willi, and W. Tesch, Dresden, assignors to Koch & Sterzel Aktiengesellschaft, Dresden-A. 24, Germany. Switching means for transformers. 2,197,771; Apr. 23.
Reichel, Carl W., Sacramento, Calif. Sanding block. 2,199,962; May 7.
Reichel & Drews, Inc. (See Booty, Philip C. P. and R. G., assignors.)
Reichel, Wilhelm. (See Ruska, E., Reichel, and Colberg.)
Reichelt, Lester O. (See Nystrom, A. C., and Reichelt.)
Reichert, Hans, Berlin, Germany. Signaling and alarm device. 2,187,628; Jan. 16.
Reichert, Hans, Berlin, Germany. Foldable stretcher. 2,224,087; Dec. 3.
Reichert, Joseph S., S. A. McNeight, and H. L. Potter, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Bleaching of ground wood pulp. 2,199,376; Apr. 30.
Reichert, Joseph S., and A. M. Taber, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preventing the caking of sodium perborate. 2,218,031; Oct. 15.
Reichert, Joseph S., and A. M. Taber, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preventing the caking of sodium perborate. 2,224,834; Dec. 10.
Reichert, Joseph S., and W. S. Hinegardner, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Storing and handling hydrogen peroxide solutions. 2,224,835; Dec. 10.
Reichert, Theophil, Brilon Wald, Germany, assignor, by mesne assignments, to Chemical Marketing Company Inc., New York, N. Y. Carbonization of wood and similar materials. 2,202,231; May 28.
Reichhelm, George L., New Haven, and E. Holm and F. A. Kane, Jr., Derby, Conn., and O. C. Funderburk, Weston, Mass., assignors to F. A. Kane, Derby, Conn. Mixing device. 2,200,723; May 14.
Reichhelm, Robert, New Haven, assignor to The Eastern Oil Refining Company, Inc., Wallingford, Conn. Gasifying apparatus. 2,197,347; Apr. 16.
Reichhold Chemicals, Inc. (See Bitterich, Fritz, assignor.)
Reichhold Chemicals, Inc. (See Hodgins, T. S., and Hovey, assignors.)
Reichhold Chemicals, Inc. (See Hovey, A. G., and Hodgins, assignors.)
Reichhold Chemicals, Inc. (See Ryan, Patrick J., assignor.)
Reichhold Chemicals, Inc. (See Ryan, P. J., and Hovey, assignors.)
Reichhold Chemicals, Inc. (See Zinke, Olois, assignor.)
Reichhold Chemicals, Inc., formerly Beck, Koller & Company. (See Hodgins, T. S., and Hovey, assignors.)
Reichhold Chemicals, Inc., formerly Koller & Company, Inc. (See Hodgins, Theodore S., assignor.)
Reichle, Winfried E., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Duplex radio system. 2,223,049; Nov. 26.
Reichmann, Reinhold. (See Stuckardt, K., and Reichmann.)
Reichmann, Reinhold, Berlin, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Producing high temperature heating resistors. 2,208,342; July 16.
Reichold, Ludwig, assignor to The Winsted Hardware Manufacturing Company, Winsted, Conn. Electric sadiron. Re. 21,611; Oct. 29.
Reid, Alexander C., assignor to Leich Electric Co., Genoa, Ill. Desk telephone. 2,186,078; Jan. 9.
Reid, Alexander C., assignor to Leich Electric Company, Genoa, Ill. Control device. 2,201,012; May 14.
Reid, Alexander C., assignor to Leich Electric Co., Genoa, Ill. Handset telephone. 2,220,279; Nov. 5.
Reid, Charles L., Schenectady, assignor to American Locomotive Company, New York, N. Y. Railway vehicle draft gear-coupler structure. 2,200,219; May 7.
Reid, Daniel S., assignor of one-half to F. L. Charles, Birmingham, Ala. Loom shuttle. 2,192,481; Mar. 5.
Reid, Ebenezer E., Baltimore, Md. Musical instrument. 2,221,814; Nov. 19.
Reid, Eugene H. (See Johnson, E. S., Kilander, and Reid.)
Reid, Elliott G., Palo Alto, Calif., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,206,202; July 2.
Reid, Frederick M., assignor to Fruehauf Trailer Company, Detroit, Mich. Spring suspension. 2,191,941; Feb. 27.
Reid, George H., Hampstead, London, England. Gyroscopic instrument. 2,214,538; Sept. 10.
Reid, Glenn P., Vancouver, British Columbia, Canada. Golf club. 2,218,268; Oct. 15.
Reid, James S., Shaker Heights, assignor, by mesne assignments, to The Standard Products Company, Port Clinton, Ohio. Reinforced thin wall tubing. 2,196,708; Apr. 9.
Reid, James S., Shaker Heights, assignor, by mesne assignments, to The Standard Products Company, Port Clinton, Ohio. Thermoplastic sill and door seal. 2,212,551; Aug. 27.
Reid, James S., Shaker Heights, assignor, by mesne assignments, to The Standard Products Company, Port Clinton, Ohio. Combination thermoplastic window frame and weather seal. 2,223,459; Dec. 3.
Reid, James S., Cleveland, Ohio, assignor to Rubatex Products, Inc., New York, N. Y. Manufacturing windlace cord. 2,204,622; June 18.
Reid, John A., Oak Park, Ill. Electric sign system. 2,221,109; Nov. 12.
Reid, John D., Philadelphia, Pa., assignor to Radio Corporation of America. Radio receiving system. 2,186,208; Jan. 9.
Reid, John D., Philadelphia, Pa., assignor to Radio Corporation of America. Noise reduction system. 2,222,424; Nov. 19.
Reid, Marvin J., assignor to Eastman Kodak Company, Rochester, N. Y. Purifying of crude plasticizers. 2,217,706; Oct. 15.
Reid, Marvin J., assignor to Eastman Kodak Company, Rochester, N. Y. Silver recovery. 2,218,250; Oct. 15.
Reid, Raymond A., Cedar Rapids, Iowa. Sanding machine. 2,205,492; June 25.
Reid, Roswell S., assignor to West Virginia Newspaper Publishing Company, Morgantown, W. Va. Typewriter. 2,202,565; May 28.

Reid, Roswell S., assignor to West Virginia Newspaper Publishing Company, Morgantown, W. Va. Typewriter. 2,211,911; Aug. 20.
Reida, Richard. (See Maninger, Sylvester V., assignor.)
Reidenbach, Jordan A., Ashland, Ohio. Potato chip fryer and agitator. 2,186,345; Jan. 9.
Reidinger, Albert, London, England. Valve gear. 2,210,328; Aug. 6.
Reier, George C., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,189,994; Feb. 13.
Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition and method of making. 2,191,498; Feb. 27.
Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Petroleum wax alkylated phenol and making it. 2,191,499; Feb. 27.
Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,197,832; Apr. 23.
Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,197,833; Apr. 23.
Reiff, Orland M., Woodbury, J. J. Giammaria, Riverside, and H. E. Redman, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,197,834; Apr. 23.
Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,197,835; Apr. 23.
Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,197,837; Apr. 23.
Reiff, Orland M., and E. M. Johnson, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,197,836; Apr. 23.
Reiff, Orland M., Woodbury, N. J., and F. P. Otto, Philadelphia, Pa., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,198,274; Apr. 23.
Reiff, Orland M., and F. P. Otto, Woodbury, and J. J. Giammaria, Riverside, and E. A. Oberright, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition and improving agent therefor. 2,198,275; Apr. 23.
Reiff, Orland M., Woodbury, N. J., and F. P. Otto, Philadelphia, Pa., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,198,292; Apr. 23.
Reiff, Orland M., Woodbury, N. J., and F. P. Otto, Philadelphia, Pa., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition containing wax-aryl ether acids. 2,198,293; Apr. 23.
Reifschneider, Edward, Kelim, Colo. Beet puller. 2,194,482; Mar. 26.
Reikosky, Max F., Trenton, N. J. Deodorant container for toilet bowls. 2,214,798; Sept. 17.
Reiley, Nelden, Denville, N. J. Boiler. 2,195,285; Mar. 26.
Reilly, Arthur, Westbrook, Maine, assignor to S. D. Warren Company, Boston, Mass. Making paper. 2,192,488; Mar. 5.
Reilly, Arthur, Westbrook, Maine, assignor to S. D. Warren Company, Boston, Mass. Sizing paper. 2,195,600; Apr. 2.
Reilly, Arthur J., Lakewood, Ohio. Safety device. 2,195,014; Mar. 26.
Reilly, Daniel P., San Gabriel, Calif. Control for buttonhole stitch forming means. 2,226,139; Dec. 24.
Reilly, Frank C., New York, N. Y. Cosmetic holder. 2,219,454; Oct. 29.
Reilly, Frank C., and C. D. Morton, New York, N. Y. Process of and machine for separating solids from suspension in a liquid. 2,197,509; Apr. 16.
Reilly, Frank J., Miami, Fla., assignor to General American Precooling Corporation, Chicago, Ill. Conditioning potatoes. 2,197,437; Apr. 16.
Reilly, Frank J., Miami, Fla., assignor to General American Precooling Corporation, Chicago, Ill. Apparatus for the treatment of commodities. 2,221,927; Nov. 19.
Reilly, Frank J., and Maurice H. Connell, Miami, Fla., assignors to General American Precooling Corporation. Apparatus for ripening tomatoes. 2,226,480; Dec. 24.
Reilly, John. (See Sinclair, A. N., and Reilly.)
Reilly, John L., Claremont, N. H., assignor to Sullivan Machinery Company. Drill bit. 2,191,493; Feb. 27.
Reilly, Peter C. (See Cislak, Francis E., assignor.)
Reilly, Thomas J., Houston, Tex. Massage implement. 2,187,560; Jan. ;16.
Reilly-Whiteman-Walton Company. (See Bowles, Albert F., assignor.)
Reimann, Julius. (See Hanff, F., and Reimann.)
Reimel, Samuel R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Conveyer belt. 2,211,607; Aug. 13.
Reimers, Hans A., assignor of one-third to T. Griswold, Jr., and one-third to J. W. Rebbeck, Midland, Mich. Composition for stopping leaks. 2,188,311; Jan. 30.
Reimers, Hans A., assignor to The Dow Chemical Company, Midland, Ohio. Treatment of earth and rock formations. 2,207,759; July 16.
Reimspiess, Franz, Stuttgart, assignor to Dr. ing. h. c. F. Porsche K.-G., Stuttgart-Zuffenhausen, Germany. Power vehicle. 2,216,456; Oct. 1.
Reimuller, Caryl L., and E. G. Berry, assignors to B. F. Gump Co., Chicago, Ill. Sifter. 2,213,050; Aug. 27.
Reimuller, Christian, Chicago, Ill. Electrical snubbing device. 2,185,312; Jan. 2.
Reimuller, Christian, Wilmette, Ill. Electrical snubbing device. 2,185,313; Jan. 2.
Rein, Hanns. (See Eisenhut, O., Rein, and Fratzer.)
Rein, Hanns. (See von Weinberg, A., Rein, and Eisenhut.)
Rein, Hanns, Bad Homburg vor der Hohe, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Dyeings fast to light. 2,209,251; July 23.
Rein, Herbert. (See Hubert, E., and Rein.)
Rein, Herbert. (See Kösslinger, K., Klare, and Rein.)
Rein, Wilmer A., Stoughton, Wis. Egg assorting, handling, and packing device. 2,198,126; Apr. 23.
Reinartz, John L., Manchester, Conn., assignor to Radio Corporation of America. Oscillation generator and frequency multiplier. 2,193,491; Mar. 12.
Reinartz, John L., Arlington, Va., assignor to Radio Corporation of America. Automobile radio receiver volume control. 2,216,520; Oct. 1.
Reinbold, John I. (See Conk, C. H., and Reinbold.)
Reinecke, Rudolf. (See Berghaus, B., Burkhardt, and Reinecke.)
Reinecker, J. E. (See Westenberger, R., Hauffe, and Georgi, assignors.)
Reineman, Howard H., Brighton, N. Y. Dispensing envelope. 2,219,198; Oct. 22.
Reiner, Jonas, New York, N. Y. Measuring device. 2,201,546; May 21.
Reiner, Leo A., Detroit, Mich. Scaffold. 2,194,810; Mar. 26.
Reiner, Robert, Incorporated. (See Hoeppner, Hellmuth, assignor.)
Reiner, Robert, Inc. (See Lambach, Fritz, assignor.)
Reiners, Wilhelm, Gladbach-Rheydt, and G. Kahlisch, Rheydt, assignors to W. Schlafhorst & Co., Munich-Gladbach, Germany. Winding of cops. 2,209,207; July 23.
Reiners, Wilhelm, Gladbach-Rheydt, and G. Kahlisch, Rheydt, assignors to W. Schlafhorst & Co., Gladbach-Rheydt, Germany. Cop winding mechanism. 2,209,208; July 23.
Reiners, Wilhelm, Gladbach-Rheydt, G. Kahlisch, Rheydt, and S. Fürst, assignors to W. Schlafhorst & Co., Gladbach-Rheydt, Germany. Cop winding machine. 2,219,020; Oct. 22.
Reiners, Wilhelm, Gladbach-Rheydt, and G. Kahlisch and S. Fürst, Rheydt, assignors to W. Schlafhorst & Co., Gladnach-Rheydt, Germany. Device for producing cops. 2,221,999; Nov. 19.
Reinert, Peter, Cherokee, Iowa. Combination buck stacker and loader. 2,188,724; Jan. 30.
Reinfeld, Ernest, Akron, Ohio. Multiple tool holder. 2,210,339; Aug. 6.
Reingruber, Frank and J., Toronto, Ontario, Canada, assigners to General Thermostat Corporation, New York, N. Y. Automatic flatiron, and thermostatic device for controlling the same. 2,201,115; May 14.
Reingruber, Joseph. (See Reingruber, Frank and J.)
Reinhardt, George D., San Antonio, Tex. Refrigerating apparatus. 2,221,423; Nov. 12.
Reinhard, John B., and L. J. Koch, Allentown, Pa.; said Reinhard assignor to said Koch. Draft check and control. 2,186,991; Jan. 16.
Reinhard, John B., and L. J. Koch, Allentown, Pa.; said Reinhard assignor to said Koch. Propeller connection and control. 2,186,992; Jan. 16.
Reinhard, John B., and L. J. Koch, Allentown, Pa.; said Reinhard assignor to said Koch. Landing gear and control. 2,186,993; Jan. 16.
Reinhardt, John P., Brooklyn, N. Y. Coupling. 2,210,340; Aug. 6.
Reinhardt, Robert C., assignor to The Dow Chemical Company, Midland, Mich. Polymeric vinylidene chloride composition. 2,196,579; Apr. 9.
Reinhardt, Robert C., assignor to The Dow Chemical Company, Midland, Mich. Welding thermoplastic materials. 2,220,545; Nov. 5.
Reinhold, B. (See Abegg, Walter A., assignor.)
Reinhold, Max R., deceased, Milwaukee, Wis., M. Marlier, executrix. Ham form. 2,226,832; Dec. 31.
Reinholz, Victor A., Reedsburg, Wis., and E. H. Scholz, Chicago, Ill. Remote control for radio receiving sets. 2,206,512; July 2.
Reinike, Julius, Brooklyn, N. Y. Venetian blind. 2,214,539; Sept. 10.
Reinitz, George J., Brooklyn, assignor to United Laundry Machinery Corporation, New York, N. Y. Starching machine. 2,210,730; Aug. 6.
Reinitz, George J., Brooklyn, assignor to United Laundry Machinery Corporation, New York, N. Y. Starching machine. 2,218,096; Oct. 15.
Reinken, Louis W., Sidcup, England, assignor to International Standard Electric Corporation, New York, N. Y. Gain control arrangement. 2,189,925; Feb. 13.
Reinker, Gerald E., Cleveland, Ohio, assignor to General Electric Company. Molded glass article. 2,197,562; Apr. 16.
Reinmuth, Otto. (See Kharasch, M. S., and Reinmuth.)

Reinsdorff, O. W., et al. (See Hinsch, Albert O., assignor.)
Reinwald, Hans, New York, N. Y. Cube steak cutter and flattener. 2,186,429; Jan. 9.
Reis, Carl A. (See Kayler, Herman C., assignor.)
Reis, Curt F., Chicago, Ill., assignor to Superior Parts Manufacturing Company, New York, N. Y. Impulse coupling. 2,185,818; Jan. 2.
Reis, Curt F., Chicago, Ill., assignor to Superior Parts Manufacturing Company, New York, N. Y. Magneto. 2,189,926; Feb. 13.
Reis, Curt F., Chicago, Ill., assignor to Superior Parts Manufacturing Company, New York, N. Y. Electric generating apparatus. 2,192,985; Mar. 12.
Reis, Curt F., Chicago, Ill., assignor to Superior Parts Manufacturing Company, New York, N. Y. Distributor. 2,209,036; July 23.
Reis, Leonard W., Jersey City, N. J., assignor of one-half to Edwin Werner, New Dorp, Staten Island, N. Y. Adjustable lamp socket. 2,186,496; Jan. 9.
Reis, Robert, & Co. (See Raddatz, Vali E., assignor.)
Reise, Herman A., Livingston, and A. A. Skene, Glen Ridge, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Grid bias modulating system. 2,226,258; Dec. 24.
Reisert, William A., Jr., Valley Stream, N. Y. Combined cultivator and hill former. 2,198,789; Apr. 30.
Reising, Eugene G., Hartford, Conn. Firearm. 2,224,928; Dec. 17.
Reistle, Carl E., Jr. (See Eckel, J. E., and Reistle.)
Reitan, Oliver M., assignor to Nebel Knitting Company, Charlotte, N. C. Hosiery testing apparatus. 2,187,914; Jan. 23.
Reiter, Daniel I., New York, N. Y. Slide closure. 2,192,017; Feb. 27.
Reiter, Daniel I., New York, N. Y. Retaining pin. 2,216,479; Oct. 1.
Reiter, Daniel I., New York, N. Y. Covered slide buckle. 2,219,938; Oct. 29.
Reiter, David, Bayside, N. Y. Hypodermic syringe. 2,221,739; Nov. 12.
Reiter, Emil. (See Halbig, P., Reiter, and Stadler.)
Reiter, Harold J., Chicago, Ill. Snap fastener socket. 2,189,995; Feb. 13.
Reiter, Otis F., assignor to Fastpic Corporation, Baltimore, Md. Stone picking machine. 2,213,370; Sept. 3.
Reiter, Philip, New York, N. Y. Safety back device for ear ornaments. 2,208,343; July 16.
Reiter, Ralph H., Akron, Ohio. Process and apparatus for bactericidal treatment. 2,193,908; Mar. 19.
Reiter, Rutherford G., and O. P. Frilseth, St. Paul, Minn. Shoe holder. 2,187,663; Jan. 16.
Reitz, Heinrich, Bitterfeld, and E. Hengler, and A. Büttinghaus, Wetzlar, Germany. Corrosion resistant and cold workable molybdenum steel. 2,207,554; July 9.
Reitz, Otto. (See Polasik, Floyd J., assignor.)
Rekuperator Gesellschaft mit beschränkter Haftung. (See Schack, Alfred, assignor.)
Reliable Electric Company. (See Cook, Wallace, assignor.)
Reliable Electric Company. (See Cook, W. L., and Buehring, assignors.)
Reliable Gas Products Company. (See Sayers, Reuel McC., assignor.)
Reliance Electric and Engineering Company. (See Corey, J. W., and MacCutcheon, assignors.)
Reliance Electric and Engineering Company. (See Geuder, Richard A., assignor.)
Reliance Electric and Engineering Company. (See Barrell, F. E., and Geuder, assignors.)
Reliance Electric and Engineering Company, The. (See Hough, William R., assignor.)
Reliance Elevator Manufacturing Company. (See Anderson, John C. A., and A. C. G., assignors.)
Reliance Gauge Column Company, The. (See Brown, John R., assignor.)
Reliance Gauge Column Company, The. (See Brown, J. R., and Brownell, assignors.)
Reliance Steel Products Company. (See Nagin, Harold, assignor.)
Reliance Steel Products Company. (See Nagin, Harry S., assignor.)
Relue, Walter M., Jr., Fort Wayne, Ind. Shingle. 2,188,208; Jan. 23.
Remaly, Charles E. (See Sadler, Luther, assignor.)
Remarque, Wilhelm M. (See Hover, M. E., and Remarque.)
Rembold, Albert A., San Francisco, Calif. Direct segregation system. 2,198,127; Apr. 22.
Rementer, Lewis. (See Whartenby, H. A., and Rementer.)
Remington Arms Company. (See Balder, John R., assignor.)
Remington Arms Company. (See Balder, J. R., and Curran, assignors.)
Remington Arms Company. (See Brun, Willi, assignor.)
Remington Arms Company. (See Hutchinson, J. F., and Schilling, assignors.)
Remington Arms Company. (See Reynolds, Warren S., assignor.)
Remington Arms Company. (See Woodford, W. H., Walker, and Schilling, assignors.)
Remington, Joseph F., Akron, Ohio. Skiving machine. 2,221,436; Nov. 12.
Remington, Leland F. (See Coolidge, C. H., and Remington.)
Remington, Leland F., assignor to Curtis & Marble Machine Company, Worcester, Mass. Cloth inspecting machine. 2,205,630; June 25.
Remington, Leland F., assignor to Curtis & Marble Machine Company, Worcester, Mass. Cloth inspecting machine. 2,219,701; Oct. 29.
Remington Rand Inc. (See Benner, Russell E., assignor.)
Remington Rand Inc. (See Benner, Russell R., assignor.)
Remington Rand Inc. (See Braun, Karl J., assignor.)
Remington Rand Inc. (See Couch, Clarence A., assignor.)
Remington Rand Inc. (See Cox, J. T., and Zgranik, assignors.)
Remington Rand Inc. (See Dalton, Robert A., assignor.)
Remington Rand Inc. (See Dreher, Elmer H., assignor.)
Remington Rand Inc. (See Ewald, G., and McGary, assignors.)
Remington Rand Inc. (See Ferry, John T., assignor.)
Remington Rand Inc. (See Going, George G., assignor.)
Remington Rand Inc. (See Heinrich, Henry A., assignor.)
Remington Rand Inc. (See Howland, G. K., and Hultgren, assignors.)
Remington Rand Inc. (See Kelley, Walter F., assignor.)
Remington Rand Inc. (See Landsiedel, Harry, assignor.)
Remington Rand Inc. (See Landsiedel, Walter W., assignor.)
Remington Rand Inc. (See Lasker, William W., assignor.)
Remington Rand Inc. (See Mixer, Harold P., assignor.)
Remington Rand Inc. (See Pickett, Frank M., assignor.)
Remington Rand Inc. (See Rand, James H., Jr., assignor.)
Remington Rand Inc. (See Read, David Y., assignor.)
Remington Rand Inc. (See Sibley, Edward W., assignor.)
Remington Rand Inc. (See Smith, Charles E., assignor.)
Remington Rand Inc. (See Watkins, George E., assignor.)
Remington Rand Inc. (See Wolters, Carl F., assignor.)
Remington Rand Inc. (See Wolters, C. F., and Ellis, assignors.)
Remington Rand Inc. (See Zenner, Frederick M., assignor.)
Remington, Victor H., and R. Andrews, Washington, Pa., assignors to B. F. Drakenfeld & Co., Inc., New York, N. Y. Ceramic color and preparing the same. 2,225,659; Dec. 24.
Remmers, Harry G. (See Blakeslee, R. N., Jr., and Remmers.)
Rempel, Dietrich G., assignor to The Sun Rubber Company, Barberton, Ohio. Apparatus for stenciling articles. 2,206,854; July 2.
Remscheid, Emil J., Scotia, N. Y., assignor to General Electric Company. Electric valve circuit. 2,192,052; Feb. 27.
Remsen, Irving B., Trenton, N. J., assignor to Magnetic Pigment Company, New York, N. Y. Truck. 2,209,581; July 30.
Renaud, Joseph E. (See Andersen, A. H., and Renaud.)
Renaud, Marc, assignor to Paillard et Cie, S. A., Sainte-Croix, Switzerland. Device for regulating the speed of electric motors. 2,216,501; Oct. 1.
Renault, Louis. (See Saives, Leon, assignor.)
Renaux, Eugéne P., Paris, and L. J. Renaux, Livry-Gargan, France. Device for the mounting of an engine or like apparatus on its support. 2,198,842; Apr. 30.
Renaux, Lucien J. (See Renaux, Eugéne P., and L. J.)
Rench, Harry D. (See Blish, Russell A.)
Rendall, William S., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Annealing lehr and method of annealing glassware. 2,203,182; June 4.
Rendall, William S., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Glass brick and method of and apparatus for making the same. 2,224,488; Dec. 10.
Rendan Holdings Limited. (See Bärkey, Walter, assignor.)
Rendell, Edward F., Johannesburg, Transvaal, Union of South Africa. Rotor construction for squirrel cage induction motors. 2,192,841; Mar. 5.
Rendle, Valdemar, assignor to H. Attari, London, England. Flexible tube. 2,212,169; Aug. 20.
Renfer, John E., Cleveland Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Shock absorbing strut. 2,213,823; Sept. 3.
Renfrew, Archibald, and W. E. F. Gates, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Manufacture of laminated sheets. 2,199,597; May 7.
Renfrew, Paul, Berkeley, assignor to Ralph Brodie Company, Oakland, Calif. Fluid meter. 2,196,669; Apr. 9.
Renfrew, Paul, Berkeley, assignor to Ralph N. Brodie Company, Oakland, Calif. Liquid flow control apparatus. 2,208,686; July 23.
Renfrew, Paul, Berkeley, assignor to Ralph N. Brodie Company, Oakland, Calif. Temperature compensating liquid meter. 2,208,687; July 23.
Renholdt, John E. (See Beard, T. H., and Renholdt.)
Renholdt, John E., Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Signal device for phonographs. 2,197,572; Apr. 16.
Renka, Joseph, Jr., New York, N. Y. Stopper. 2,194,233; Mar. 19.

Renkin, William O., New York, N. Y., assignor to Lancaster Iron Works, Inc., Lancaster, Pa. Disposal process for the treatment of weak ammoniacal waste liquors from coal distillation plants. 2,189,083; Feb. 6.
Renner, Harold G., Detroit, Mich. Indicating cap for tire valves. 2,193,841; Mar. 19.
Renner, Herbert O., Des Plaines, and L. W. Haas, assignors, by mesne assignments, to J. R. Short Milling Company, Chicago, Ill. Oxidation process. 2,198,015; Apr. 23.
Renner, William E., Schenectary, N. Y., assignor to General Electric Company. Sealed motor control. 2,219,199; Oct. 22.
Rennerfelt, Ivar. (See Kalling, B. M. S., and Rennerfelt.)
Rennerfelt, Ivar, Djursholm, Sweden. Decarbonizing a carbon holding metal, for instance pig iron. Re. 21,500; July 2.
Rennhack, Paul J., Chicago, Ill. Liquid heater. 2,206,513; July 2.
Renno, Donald G., Fort Wayne, Ind., assignor to International Harvester Company. Vehicle body. 2,223,577; Dec. 3.
Renno, Donald G., and C. J. Fields, Fort Wayne, Ind., assignors to International Harvester Company. Vehicle body. 2,204,697; June 18.
Reno, Fred A., Gary, Ind. Lighting and indicating system. 2,197,838; Apr. 23.
Renold and Coventry Chain Company Limited, The. (See Weedy, James, assignor.)
Renshaw, Alfred P. B. (See Thompson, G. W., and Renshaw.)
Renshaw, Arnold. (See Dyson, G. M., and Renshaw.)
Renshaw, Raemer R., New York, and P. F. Dreisbach, Yonkers, assignors to Pyridium Corporation, Nepera Park, N. Y. Anesthetic of the pyridine series and producing the same. 2,189,404; Feb. 6.
Renshaw, Raemer R., New York, and P. F. Dreisbach, Yonkers, assignors to Pyridium Corporation, Nepera Park, N. Y. Esters of aminopyridine carboxylic acid and producing the same. 2,194,567; Mar. 26.
Renshaw, Raemer, R., New York, and P. F. Dreisbach, Yonkers, assignors to Pyridium Corporation, Nepera Park, N. Y. Esters of 6-amino-nicotinic acid. 2,199,839; May 7.
Rentsch, Paul, Woodside, Long Island, assignor to I Miller & Sons, Inc., Long Island City, N. Y. Applying adhesives. 2,192,453; Mar. 5.
Rentschler, Mahlon. (See Colton, H. S., and Rentschler.)
Rentz, Frank B., assignor to H. Barnick, Wells, Minn. Glare shield eyeglass. 2,187,810; Jan. 23.
Rentzell, Robert P., Lutherville, Md., assignor to The Black & Decker Manufacturing Company. Machine for generating power transmitting surfaces and method. 2,207,177; July 9.
Renwick, Frank F., Gidea Park, assignor to Ilford Limited, Ilford, Essex, England. Photographic printing process and material. 2,202,026; May 28.
Reo Motor Car Company. (See Flogaus, Howard A., assignor.)
Reo Motors, Inc. (See Flogaus, Howard A., assignor.)
Reohr, Bertha E., executrix. (See Reohr, John H.)
Reohr, John H., Jamaica, deceased, assignor of one-half to E. C. Olsen, New York, N. Y., B. E. Reohr, executrix. Nut lock. 2,202,868; June 4.
Repass, George, Pawtucket, R. I., assignor to H & B American Machine Company. Saddle for textile machines. 2,224,105; Dec. 3.
Repass, George, Pawtucket, R. I., and H. B. Ahlberg, Attleboro, Mass., assignors to H & B American Machine Company. Top roll saddle. 2,203,419; June 4.
Repath, Charles J., and B. M. Caister, La Canada, Calif. Flour sifter. 2,213,719; Sept. 3.
Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio. Air-method cleaner, antechamber type. 2,190,678; Feb. 20.
Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio. Sweeper floor tool. 2,190,679; Feb. 20.
Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, as trustee, Toledo, Ohio. Suction cleaner. 2,210,950; Aug. 13.
Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, as trustee, Toledo. Ohio. Air-method cleaner support. 2,210,951; Aug. 13.
Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, as trustee, Toledo. Ohio. Duopneumatic handle for air-method cleaners. 2,210,952; Aug. 13.
Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, as trustee, Toledo. Ohio. Suction cleaner. 2,210,953; Aug. 13.
Replogle, George W. (See Huffman, W. E., and Replogle.)
Replogle Globes, Inc. (See Colberg, Olaf A., assignor.)
Replogle, James B., Detroit, Mich. Pumping apparatus. 2,198,506; Apr. 23.
Reppe, Walter, Ludwigshafen-on-the-Rhine, and E. Kuehn, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of polymerization products of vinyl ethers. 2,188,778; Jan. 30.
Reppe, Walter, and H. Ufer, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing new amino-carboxylic acids. 2,195,974; Apr. 2.
Reppe, Walter, and H. Ufer, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. N-substituted aspartic acids and their functional derivatives and producing them. 2,200,220; May 7.
Reppe, Walter, A. Rothhaas, O. Schmidt, and R. Luehdemann, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Jasco, Incorporated. Converting compounds of the acetylene series into compounds of the ethylene series. 2,207,070; July 9.
Reppe, Walter, and A. Rothhaas, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Jasco, Incorporated. Converting compounds of the acetylene series into compounds of the ethylene series. 2,207,071; July 9.
Reppe, Walter, and F. Hoelscher, Ludwigshafen-on-the-Rhine, and A. Menger and E. Bock, Krefeld-Uerdingen, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Plastic masses from nitrocellulose. 2,211,436; Aug. 13.
Republic Brass Company, The. (See Bystrom, Gunnar B., assignor.)
Republic Flow Meters Company. (See Cunningham, James D., assignor.)
Republic Flow Meters Company. (See Lauffer, W. G., and Kessler, assignors.)
Republic Flow Meters Company. (See Lindemann, George E., assignor.)
Republic Flow Meters Company. (See Rosenberger, Albert J., assignor.)
Republic Flow Meters Company. (See Spitzglass, Albert F., assignor.)
Republic Flow Meters Company. (See Spitzglass, A. F., and Handwerk, assignors.)
Republic Steel Corporation. (See Black, W. A., and Darner, assignors.)
Republic Steel Corporation. (See Darner, Frederic M., assignor.)
Republic Steel Corporation. (See Kahn, J., Schulz, and Schofield, assignors.)
Republic Steel Corporation. (See Schaefer, Frederick R., assignor.)
Republic Steel Corporation. (See Sower, George W., assignor.)
Republic Steel Corporation. (See Whitmer, Virgil W., assignor.)
Requardt, Gustav J. (See Regester, Robert T., assignor.)
Research Corporation. (See Allan, Stuart R., assignor.)
Research Corporation. (See Andrews, Donald H., assignor.)
Research Corporation. (See Atkinson, Spencer R., assignor.)
Research Corporation. (See Bleakney, Walker, assignor.)
Research Corporation. (See Buchman, Edwin R., assignor.)
Research Corporation. (See Cartwright, C. H., and Turner, assignors.)
Research Corporation. (See Daniels, Troy C., assignor.)
Research Corporation. (See Draper, Charles S., assignor.)
Research Corporation. (See Green, Francis K., assignor.)
Research Corporation. (See Harris, Wilbur T., assignor.)
Research Corporation. (See Hedberg, C. W. J., and Bonacci, assignors.)
Research Corporation. (See McBain, James W., assignor.)
Research Corporation. (See Milas, Nicholas A., assignor.)
Research Corporation. (See Perrine, Theodore D., assignor.)
Research Corporation. (See Purves, Clifford B., assignor.)
Research Corporation. (See Stockbarger, Donald C., assignor.)
Research Corporation. (See Swingle, Wilbur W., assignor.)
Research Corporation. (See Van de Graaff, R. J., and Trump, assignors.)
Research Corporation. (See White, Harry J., assignor.)
Research Corporation. (See Williams, Robert R., assignor.)
Research Corporation. (See Wintermute, Harry A., assignor.)
Research Trust Limited, The. (See Pleydell-Bouverie, C., and Lucas, assignors.)
Resilient Products Corporation. (See Stedman, Theodore W., assignor.)
Resinous Products & Chemical Company, The. (See Bock, L. H., and Houk, assignors.)
Resinous Products & Chemical Company, The. (See Bruson, Herman A., assignor.)
Resinous Products & Chemical Company, The. (See Bruson, H. A., and Covert, assignors.)
Resinous Products & Chemical Company, The. (See Bruson, H. A., and Eastes, assignors.)
Resinous Products & Chemical Company, The. (See Bruson, H. A., and MacMullen, assignors.)
Resinous Products & Chemical Company, The. (See Bruson, H. A., and Rainey, assignors.)
Resinous Products & Chemical Company, The. (See Greth, A., and Lemmer, assignors.)
Resinous Products & Chemical Company, The. (See Greth, A., and Reese, assignors.)
Resinous Products & Chemical Company, The. (See Ludwig, Oskar R., assignor.)

Resinous Products & Chemical Company, The. (See Myers, R. J., and Cheetham, assignors.)
Resistoflex Corporation. (See Schnabel, Ernst, assignor.)
Resistoflex Corporation. (See Troshkin, Alexander N., assignor.)
Resk, Michel, New Rochelle, N. Y. Photographic camera. 2,225,351; Dec. 17.
Ressler, Hugh C. (See Hogan, J. V. L., and Ressler.)
Retailliau, Edmond R. P. E., Edwardsville, Ill., assignor to Shell Development Company, San Francisco, Calif. Refining hydrocarbon oils. 2,200,703; May 14.
Retailliau, Edmond R. P. E., Edwardsville, Ill., assignor to Shell Development Company, San Francisco, Calif. Refining hydrocarbon oils. 2,200,704; May 14.
Retallack, John B., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Routine testing circuit. 2,227,380; Dec. 31.
Retco, Inc. (See Toop, Frederick, assignor.)
Retel, Jules M. R., Neuilly-sur-Seine, France. Injection device for combustion engines. 2,225,019; Dec. 17.
Rethel, Walter, Augsburg, and W. Laute and E. Mühlberg, assignors to Arado Flugzeugwerke Gesellschaft mit beschränkter Haftung, Brandenburg (Havel), Germany. Tank arrangement for aircraft. 2,191,239; Feb. 20.
Rethel, Walter, Brandenburg, assignor to Arado Flugzeugwerke Gesellschaft mit beschrankter Haftung, Nowawes, Potsdam, Germany. Shell or fuselage for aircraft. 2,212,456; Aug. 20.
Retschy, Curt, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Cylinder for opposed piston engines. 2,193,884; Mar. 19.
Retsema, Jay, Muskegon Heights, Mich., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Liquid dispensing apparatus. 2,190,908; Feb. 20.
Retz, James H. (See Friel, A. J., and Retz.)
Reuben, Simon B., Chicago, Ill. Brief case. 2,226,387; Dec. 24.
Retzlaff, Heinz. (See Räntsch, K., and Retzlaff.)
Reu Boiu, Maximilian, Harvey, Ill. Ball bearing construction. 2,194,817; Mar. 26.
Reum, William, and L. H. Hamilton, assignors to National Standard Company, Niles, Mich. Manufacture of supports. 2,195,632; Apr. 2.
Reuter, Livingston B., assignor to Reuter-Thurston Company, Cranston, R. I. Match pack. 2,227,399; Dec. 31.
Reuter-Thurston Company. (See Reuter, Livingston B., assignor.)
Reuther, John H., New York, N. Y. Musical instrument. 2,203,393; June 4.
Revel, Paul. (See Seignol, E., and Revel.)
Rever, Harry J. (See Stewart, R. J., and Rever.)
Revere Camera Company. (See Sperry, Philmore F., assignor.)
Revere Copper and Brass Incorporated. (See Krengel, Raymond O., assignor.)
Revere Copper and Brass Incorporated. (See Longabaugh, William H., assignor.)
Rex, Clarence R., Toledo, Ohio. Fertilizer containing selectively calcined dolomite. 2,193,842; Mar. 19.
Rex-Hide, Incorporated. (See Kempel, Arthur B., assignor.)
Rex Research Corporation. (See Hedenburg, Oscar F., assignor.)
Rex, Walter J., Hatch End, England. Antidazzle device. 2,212,793; Aug. 27.
Rex-Watson Corporation. (See Imhofe, Robert H., assignor.)
Rexair, Inc. (See Brock, Clarence A., assignor.)
Rexair, Inc. (See Brock, C. A., and Du Bois, assignors.)
Rexair, Inc. (See Brock, C. A., and Hutchens.)
Rexford, Willis E., Girard, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Trackside dump mechanism for toy railroads. 2,226,875; Dec. 31.
Rexford, Willis E., Girard, and R. Lohr, Erie, Pa., assignors to Louis Marx & Company, Inc., New York, N. Y. Toy metal embossing machine. 2,221,424; Nov. 12.
Rey, François V. A. J. (See Rouanet, R. L. M. F., and Rey.)
Rey, Henri D., Papeete, Tahiti, assignor to The Anglo California National Bank of San Francisco, San Francisco, Calif. Banana product and banana drying process. 2,192,273; Mar. 5.
Rey, Stephen, Brooklyn, assignor to Zylo Ware Corporation, New York, N. Y. Lens. 2,224,745; Dec. 10.
Reyburn, John R., Fairfield, Conn., assignor to American Chain & Cable Company, Inc. Buckle. 2,189,118; Feb. 6.
Reyburn, John R., Fairfield, Conn., assignor to American Chain & Cable Company, Inc. Vehicle bumper. 2,213,592; Sept. 3.
Reyburn, John R., Fairfield, Conn., assignor to American Chain & Cable Company, Inc., New York, N. Y. Reinforced link for antiskid chains. 2,213,593; Sept. 3.
Reynard, Otto, Darlington, England. Distillation of tar or pitch. 2,203,645; June 4.
Reynhart, Arthur F. A., Beverwijk, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Production of ammono alcohols. 2,186,392; Jan. 9.
Reyniers, James A., South Bend, Ind. Biological apparatus. 2,185,711; Jan. 2.
Reyniers, James A., South Bend, Ind. Surgical operating device. 2,219,564; Oct. 29.
Reynolds, Abram M., Schenectady, N. Y., assignor to General Electric Company. Making elastic fluid turbine buckets. 2,221,722; Nov. 12.
Reynolds, Charles, Kansas City, Mo. Coffee and preserving same. 2,210,819; Aug. 6.
Reynolds, Charles H., Malden, assignor to Albert & J. M. Anderson Manufacturing Company, South Boston, Mass. Electrical switch. 2,214,180; Sept. 10.
Reynolds, Edward B., Fort Erie, Ontario, Canada, and A. C. Faul, Buffalo, N. Y. Gasket. 2,219,962; Oct. 29.
Reynolds, Edward F. (See Cheyne, C. A., and Reynolds.)
Reynolds, Edwin B. (See Rudyard, Thomas H., assignor.)
Reynolds, Ellwood W. (See Merwin, H. H., and Reynolds.)
Reynolds, Ellwood W., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for covering cores. 2,221,555; Nov. 12.
Reynolds, Everett, Mooreland, Ind. Burial vault with metal lining. 2,192,104; Feb. 27.
Reynolds, Frank C. (See Daly, R. E., Zuhlke, and Reynolds.)
Reynolds, Frederick L., Mill Valley, L. Merkel, and J. A. Siebert, assignors, by mesne assignments, to United States Appliance Corporation, San Francisco, Calif. Chemical heating pad and manufacture. 2,202,067; May 28.
Reynolds, Harry, Billings, Mont. Ball mill. 2,215,766; Sept. 24.
Reynolds, Henry H., Pontiac, Mich. Trailer hitch. 2,197,157; Apr. 16.
Reynolds, Henry J., Sumner, Wash. Plant spray compound. 2,212,701; Aug. 27.
Reynolds, Irving C., Toledo, Ohio. Decorative container. 2,188,817; Jan. 30.
Reynolds, James C., Mattoon, Ill. Fuel oil burner. 2,222,854; Nov. 26.
Reynolds, John M., Wilmington, Del., W. M. Newton, Lomita, and J. T. Ledbetter, Compton, Mass., assignors to Union Oil Company of California, Los Angeles, Calif. Method and apparatus for placing a filter body in a well. 2,207,334; July 9.
Reynolds, Joseph H. (See Lee, Robert E., assignor.)
Reynolds, Joseph H. (See Rowe, Marion H., assignor.)
Reynolds, Lulu E., et al., coexecutors. (See Epstein, A. K., Harris, and Reynolds.)
Reynolds, Marvin C. (See Epstein, A. K., Harris, and Reynolds.)
Reynolds, Mary A. (See Anthony, Leon P., assignor.)
Reynolds Metals Company. (See Cage, James, assignor.)
Reynolds Metals Company. (See Sunderhauf, Frederick A., assignor.)
Reynolds Metals Company. (See Whitfield, M. G., and Sheshunoff, assignors.)
Reynolds, Milton, assignor to Printasign Corporation of America, Chicago, Ill. Advertising display device. 2,208,344; July 16.
Reynolds, Milton, and H. G. Barrett, Chicago, Ill.; said Barrett assignor to said Reynolds. Printing apparatus. 2,207,874; July 16.
Reynolds, Nelson E. (See Noffsinger, Fred P., and R. W., and Reynolds.)
Reynolds, Reginald J. W. (See Evans, J. G., Piggott, Reynolds, Rose, and Walker.)
Reynolds, Reginald J. W., and E. E. Walker, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture of condensation products from phenols. 2,218,344; Oct. 15.
Reynolds, Robert E., assignor of one-third to W. A. Lurie, and one-third to C. B. Anderson, New Orleans, La. Portable sectional stairway. 2,192,151; Feb. 27.
Reynolds, Robert L., Los Angeles, Calif. Electric light socket. 2,225,461; Dec. 17.
Reynolds Spring Company. (See Currie, Otis C., assignor.)
Reynolds Spring Company. (See Sargent, Donald E., assignor.
Reynolds, Warren S., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Packaging machine. 2,202,600; May 28.
Reynoldson, Roland G., Madison, Wis. Forming materials. 2,196,080; Apr. 2.
Reynoldson, Roland G., Madison, Wis. Device for unloading articles from forms. 2,196,081; Apr. 2.
Reyrolle, A., & Company Limited. (See Allan, Archibald, assignor.)
Reyrolle, A., & Company Limited. (See Leyburn, H., and Freeland, assignors.)
Rhea, James W. (See Figg, L. J., Jr., and Rhea.)
Rhea, Thomas R., Pittsburgh, Pa., assignor to General Electric Company. Classifier control system. 2,194,325; Mar. 19.
Rhee, Daniel, assignor to Carr Manufacturing Corporation, Bristol, R. I. Making cut rubber thread. 2,207,110; July 9.
Rhein, Lloyd R., Pleasant Ridge, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Window regulator. 2,194,673; Mar. 26.
Rheinauer, Ernest. (See Stapp, Joseph, assignor.)
Rheineck, Alfred E., Louisville, Ky., assignor to Devoe & Reynolds Co., Inc. Acetylated oil and making same. 2,210,305; Aug. 6.

Rheineck, Alfred E., and B. Rabin, Louisville, Ky., assignors to Devoe & Reynolds Co., Inc. Licanic acid resin and process of making. 2,192,152; Feb. 27.
Rheingans, William J. (See Ring, J. J., Rheingans, and Nichols.)
Rheinlander, Paul, Berlin-Wilmersdorf, Germany, assignor to Askania-Werke A. G. vormals Central Werkstatt Dessau und Carl Bamberg-Friedenau. Apparatus for measuring and delivery gas quantities reduced to a normal condition. 2,206,618; July 2.
Rheinmetall-Borsig Aktiengesellschaft. (See Ernesti, W., and Herlach, assignors.)
Rheinmetall-Borsig Aktiengesellschaft. (See Gietmann, Anton, assignor.)
Rheinmetall-Borsig Aktiengesellschaft. (See Graf, Walter, assignor.)
Rheinmetall-Borsig Aktiengesellschaft. (See Henning, Hermann, assignor.)
Rheinmetall-Borsig Aktiengesellschaft. (See Herlach, Heinrich, assignor.)
Rheinmetall-Borsig Aktiengesellschaft. (See Krum, Alfred, assignor.)
Rheinmetall-Borsig Aktiengesellschaft. (See Rossmanith, Wolfgang, assignor.)
Rheinmetall-Borsig Aktiengesellschaft Werk Borsig Berlin-Tegel. (See Heinrich, Johann, assignor.)
Rheinmetall-Borsig Aktiengesellschaft Werk Borsig Berlin-Tegel, Berlin-Tegel, Germany. (See Süss, Heinrich, assignor.)
Rheinstrom, James A., assignor to The Karl Kiefer Machine Company, Cincinnati, Ohio. Container unloading and routing means. 2,187,842; Jan. 23.
Rhindress, Walter H. (See Burrows, A., and Rhindress.)
Rhiner, Verne M., Kansas City, Mo. Automatic automobile directional signal. 2,226,140; Dec. 24.
Rhinevault, Harry A., assignor to Armstrong Bros. Tool Co., Chicago, Ill. C clamp. 2,190,585; Feb. 13.
Rhinevault, Harry A., assignor to Armstrong Bros. Tool Co., Chicago, Ill. Reversible ratchet wrench. 2,193,984; Mar. 19.
Rhino, Harry N. (See Godstrey, William, assignor.)
Rhoades, Alfred L. (See Rhoades, Lester D. and A. L.)
Rhoades, Lester D. and A. L., Englewood, Colo. Skate protector. 2,187,629; Jan. 16.
Rhoads, Vivian. (See Feltenberger, William F., assignor.)
Rhodes, Aaron D., assignor to Consolidated Steel Corp., Ltd., Los Angeles, Calif. Derrick base. 2,194,124; Mar. 19.
Rhodes, Albert J., assignor to American Forging & Socket Company, Pontiac, Mich. Adjustable supporting mechanism. 2,205,696; June 25.
Rhodes, Albert J., assignor to American Forging & Socket Company, Pontiac, Mich. Fastening device. 2,207,441; July 9.
Rhodes, Albert J., assignor to American Forging & Socket Company, Pontiac, Mich. Lifting jack. 2,219,455; Oct. 29.
Rhodes, Cecil M., St. Paul, assignor to Rapinwax Paper Company, Minneapolis, Minn. Waxed wrapping paper. 2,203,633; June 4.
Rhodes, Emmet R., Jr., et al. (See Berry, H. J., assignor.)
Rhodes, George I., Glen Ridge, N. J. Composite electrode for protecting buried metallic structures from corrosion. 2,204,823; June 18.
Rhodes, Harold A. (See Cowan, F. A., and Rhodes.)
Rhodes, Herbert C., Portland, Oreg. Dough molding machine. 2,187,214; Jan. 16.
Rhodes, Herbert C., Portland, Oreg. Pneumatic dough feeder. 2,221,327; Nov. 12.
Rhodes, Herbert C., Portland, Oreg. Pneumatic dough feeder. 2,221,328; Nov. 12.
Rhodes, John H., Legrand, Iowa. Pneumatic tire valve. 2,218,008; Oct. 15.
Rhodes, Lee A., Bellaire, Tex. Heat exchanger. 2,218,097; Oct. 15.
Rhodes, M. H., Inc. (See Rhodes, Marcus H., assignor.)
Rhodes, Marcus H., assignor to M. H. Rhodes, Inc., Hartford, Conn. Alarm timer. 2,194,448; Mar. 19.
Rhodes, William A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,206,538; July 2.
Rhodes, William L., Jr., assignor of one-half to T. P. Mitchell, Aiken, S. C. Switch for electric pencil sharpeners. 2,214,890; Sept. 17.
Rhodes, William, Limited. (See Binch, Arthur H., assignor.)
Rhody, Albert H., Flint, Mich. Ice cream container. 2,207,520; July 9.
Riback, Abraham. (See Hohman, C. J., and Riback.)
Ribble, Chauncey H., Hackensack, N. J., and A. J. Heidt, Wood Haven, N. Y., said Heidt assignor to said Ribble. Utility test lamp. 2,195,975; Apr. 2.
Riblett, Earl W., Teaneck, N. J., assignor to The M. W. Kellogg Company, New York, N. Y. Forming synthesis gas. 2,220,849; Nov. 5.
Ricard, Eloi, assignor to les Usines de Melle, Melle, France. Manufacture of formaldehyde by electrosynthesis from carbon monoxide and hydrogen. 2,205,542; June 25.
Ricard, Elzear J., assignor of fifteen per cent to F. C. Juergens, Detroit, Mich. Electric toaster with removable heating element. 2,206,675; July 2.
Ricard, Eugene E., Ponchatoula, La. Automobile stop signal. 2,199,756; May 7.
Ricardo, Harry R., London, England. Internal combustion engine of the liquid fuel injection compression ignition type. 2,191,042; Feb. 20.
Ricardo, Harry R., London, England. Two-stroke internal combustion engine. 2,220,661; Nov. 5.
Ricardo, Harry R., London, England. Two-stroke internal combustion engine. 2,220,662; Nov. 5.
Ricardo, Harry R., London, and J. F. Alcock, Lancing, England; said Alcock assignor to said Ricardo. Fluid flow meter. 2,212,186; Aug. 20.
Ricards, Charles L. (See Wood, H. A. W., Tollison, and Richards.)
Ricci, James J. (See De Sipio, A. T., Bongiovanni, and Ricci.)
Riccio, Stephen, Melrose Park, and W. P. Johnson, Aurora, Ill., assignors to Graham-White Sander Corporation, Roanoke, Va. Vehicle sander. 2,216,297; Oct. 1.
Riccobene, Pietro, Boston, Mass. Apparatus for making shoe shanks. 2,195,497; Apr. 2.
Rice, Allen E. (See Stone, A. L., Rice, and Appleton.)
Rice, Alva J., Hammond, Ind. Trailer drive. 2,194,811; Mar 26.
Rice, Barton & Fales Incorporated. (See Stafford, S. B., and Smith, assignors.)
Rice, Carl V., Parsons, Kans. Bottle vending machine. 2,207,820; July 16.
Rice, Charles T., Carlsbad, N. Mex. Traffic controlling means for parking lots and one-way drives. 2,200,639; May 14.
Rice, Chester W., Schenectady, N. Y., assignor to General Electric Company. High frequency apparatus. 2,193,361; Mar. 12.
Rice, Chester W., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,199,141; Apr. 30.
Rice, Cyrus W., Pittsburgh, Pa. Boiler water conditioning. 2,221,815; Nov. 19.
Rice, Earl W., St. Paul, Minn., and W. J. Buchele, Iowa City, assignors of sixty-six and two-thirds per cent to C. W. Kimler, Sr., and H. Hall, Ames, Iowa. Making coke. Re. 21,651; Dec. 3.
Rice, Edward E., et al., trustees. (See Johnson, Melvin M., Jr., assignor.)
Rice, Emery, et al. (See Helbing, George A., Jr., assignor.)
Rice, Francis O., Baltimore, Md., assignor, by mesne assignments, to Process Management Company, Inc., New York, N. Y. Transformation of organic compounds. 2,190,369; Feb. 13.
Rice, Frank E., assignor to American Tap-Bush Company, Detroit, Mich. Beer faucet. 2,185,267; Jan. 2.
Rice, Frank E., assignor to American Tap-Bush Company, Detroit, Mich. Beer dispensing device. 2,187,793; Jan. 23.
Rice, Frank E., Detroit, Mich. Beer cooling device. 2,203,365; June 4.
Rice, Frank E., Detroit, Mich. Sealing means. 2,207,159; July 9.
Rice, Frank E., Detroit, Mich. Direct drawrod. 2,210,634; Aug. 6.
Rice, Harold D., Barrington, R. I., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Deposition form. 2,216,985; Oct. 8.
Rice, James. (See Walsh, William C., assignor.)
Rice, John W., Amarillo, Tex. Tailboard. 2,205,823; June 25.
Rice, Joseph A., Belle Vernon, Pa., assignor to American Steel and Wire Company of New Jersey. Nail machine and nail manufacturing. 2,216,049; Sept. 24.
Rice, Lewis A., assignor to Traylor Engineering and Manufacturing Company, Allentown, Pa. Support for rotary kilns and the like. 2,226,910; Dec. 31.
Rice Millers' Association, The. (See Choppin, A. R., and Winborn, assignors.)
Rice, Orville D., Mount Lebanon, assignor to The Rust Furnace Company, Pittsburgh, Pa. Automatic control system for furnaces. 2,211,988; Aug. 20.
Rice, Owen R. (See Fox, G., Whitcomb, and Rice.)
Rice, Owen R., and W. C. Schofield, assignors to Freyn Engineering Company, Chicago, Ill. Gas washing means. 2,204,771; June 18.
Rice, Robb V., and G. D. Beal, Pittsburgh, Pa., assignors to Gane and Ingram, Inc., New York, N. Y. Aqueous iodine solution. 2,211,837; Aug. 20.
Rice, Wallace C., Bridgeton, N. J. Newspaper and magazine vending machine. 2,220,175; Nov. 5.
Rice, William, Detroit, Mich. Suspended type of support. 2,224,161; Dec. 10.
Ricefield, Louis, Oak Park, Ill. Coupling. 2,200,640; May 14.
Ricefield, Louis, Oak Park, Ill. Coupling. 2,200,641; May 14.
Rich, David, assignor of fifteen percent to A. J. Lemke, ten percent to G. R. McKeever, ten percent to C. E. Falk, Spooner, and ten percent to E. H. Grewe, Eau Claire, Wis. Track-aligning device. 2,188,818; Jan. 30.
Rich, David, assignor of fifteen percent to A. J. Lemke, ten percent to G. R. McKeever, ten percent to C. E. Falk, Spooner, and ten percent to E. H. Grewe, Eau Claire, Wis. Tie-spacing device. 2,188,819; Jan. 30.

Rich, George R., assignor to Rich Manufacturing Corporation, Battle Creek, Mich. Alloy steel for the manufacture of motor valves. 2,195,601; Apr. 2.
Rich, George R., assignor to Rich Manufacturing Corporation, Battle Creek, Mich. Support. 2,222,488; Nov. 19.
Rich, Knowlton H., Cropseyville, assignor to W. & L. E. Gurley, Troy, N. Y. Vernier microscope. 2,188,014; Jan. 23.
Rich, Lester J. (See Pernot, F. E., and Rich.)
Rich Manufacturing Corporation. (See Rich, George R., assignor.)
Rich, Paul C. (See Craig, W. A., and Rich.)
Rich, Raymond C., and C. W. Cannon, Houston, Tex., assignors to Shell Development Company, San Francisco, Calif. Purifying naphthenic acids. 2,214,438; Sept. 10.
Rich, Russell H., assignor to The General Industries Company, Elyria, Ohio. Record changing mechanism. 2,198,294; Apr. 23.
Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Inertia tachometer. 2,193,646; Mar. 12.
Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Bridge arrangement. 2,219,939; Oct. 29.
Rich, Theodore A., H. R. Meahl, and P. C. Michel, Schenectady, N. Y., assignors to General Electric Company. High frequency thermocouple ammeter. 2,199,247; Apr. 30.
Rich, Walter G., Whittier, Calif. Patient-operable hospital bed. 2,189,325; Feb. 6.
Richard, Charles F., assignor to Johnson Automatic Sealer Co., Ltd., Battle Creek, Mich. Carton feeding mechanism. 2,191,586; Feb. 27.
Richard, Charles F., assignor to Johnson Automatic Sealer Co., Ltd., Battle Creek, Mich. Top sealing machine. 2,206,203; July 2.
Richard, Clare. (See Ostling, W., and Richard.)
Richard, Clement C., Bloomfield Hills, assignor of one-third to O. K. Richard, Detroit Trust Company, executor of said O. K. Richard, deceased, and one-third to C. H. Kain, Detroit, Mich. Hydraulic mechanism for determining the path of movement of a tool or other element. Re. 21,544; Aug. 27.
Richard, Clement C., Bloomfield Hills, assignor to Allied Products Corporation, Detroit, Mich. Punch removing device. 2,215,015; Sept. 17.
Richard, David, Lennox, S. Dak. Lifting device. 2,226,637; Dec. 31.
Richard, François, Cleveland, Ohio. Making refractories. 2,188,921; Feb. 6.
Richard, Grant M., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,213,594; Sept. 3.
Richard Otis K., et al. (See Richard, Clement C., assignor.)
Richards, Albert A. Montebello, Calif. Angle tile. 2,207,178; July 9.
Richards, Allen P. (See Stinson, P. M., and Richards.)
Richards, Arthur J., Detroit, Mich. Drive mechanism for windshield wipers. 2,218,719; Oct. 22.
Richards, Boggs & King, Inc. (See Moses, Lionel B., assignor.)
Richards, Carolyn S. and R. S., Lawrence, Mass. Protecting stick. 2,188,796; Jan. 30.
Richards Chemical Works, Inc., The. (See Ackley, Robert R., assignor.)
Richards Chemical Works, Incorporated, The. (See Kaplan, Philip, assignor.)
Richards Chemical Works, Incorporated, The. (See Kraus, Armin J., assignor.)
Richards Chemical Works, Incorporated, The. (See Mosher, H. H., and Uzunoff, assignors.)
Richards, Claude L., Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Television system. 2,203,634; June 4.
Richards, Claude L., and F. Kerkhof, Eindhoven, Netherlands, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Amplifier. 2,226,259; Dec. 24.
Richards, Daniel D., et al. (See Edgecomb, C. R., and Patterson, assignors.)
Richards, Harry A. (See Varley, Thomas W., assignor.)
Richards, Idris T. (See Beale, C. E., and Richards.)
Richards, Idris T. (See Beale, C. E., Richards, and Pearce.)
Richards, Kenneth R., Mason City, Wash. Ash tray. 2,224,062; Dec. 3.
Richards, Kenneth W. (See Cunningham, H. J., Groome, Hanley, and Richards.)
Richards, Leo D., assignor to The Dow Chemical Company, Midland, Mich. Drying magnesium sulphate. 2,218,551; Oct. 22.
Richards, Marshall C. W., New Westminster, British Columbia, Canada. Paste dispenser. 2,213,679; Sept. 3.
Richards, Oscar W., Snyder, assignor to Spencer Lens Company, Buffalo, N. Y. Gauge. 2,220,280; Nov. 5.
Richards, Ruth S. (See Richards, Carolyn S. and R. S.)
Richards-Wilcox Canadian Company. (See Hall, Frederick W., assignor.)
Richards-Wilcox Manufacturing Company. (See Hassler, Paul M., assignor.)
Richards, William H., Dayton, Ohio. Vehicle support assembly. 2,205,436; June 25.
Richards, William H., Dayton, Ohio. Fuel feeding means for internal combustion engines. 2,220,949; Nov. 12.
Richardson, Albert S. (See Edeler, A., and Richardson.)
Richardson, Arthur W., London, England, assignor to Shell Development Company, San Francisco, Calif. Oil burner. 2,188,577; Jan. 30.
Richardson, Arthur W., London, England, assignor to Shell Development Company, San Francisco, Calif. Valve for controlling and interrupting the flow of fluids. 2,217,876; Oct. 15.
Richardson, Bayard E., and R. W. Willey, Grand Rapids, Mich. Desk construction. 2,191,290; Feb. 20.
Richardson, Cash L., et al. (See Rose, Edward J., assignor.)
Richardson, Charles A., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Apparatus for supporting articles during welding. 2,186,708; Jan. 9.
Richardson, Chester A., San Francisco, Calif. Heater. 2,215,767; Sept. 24.
Richardson, Chester A., San Francisco, Calif. Heater. 2,215,768; Sept. 24.
Richardson, Clarence H., Peoria, Ill. Paper cutter. 2,204,227; June 11.
Richardson Company, The. (See Dillehay, Edward R., assignor.)
Richardson Company, The. (See Haunz, Charles F., assignor.)
Richardson Company, The. (See Krauss, Adolph F., assignor.)
Richardson Company, The. (See Rieser, Oliver O., assignor.)
Richardson, Creighton E., Brownsburg, Quebec, Canada, assignor to Canadian Industries Limited. Primer. 2,188,760; Jan. 30.
Richardson, David, Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Automatic spectrophotometer. 2,221,170; Nov. 12.
Richardson, David E., Richmond Va. Sprinkling means. 2,210,180; Aug. 6.
Richardson, Donald S., London, England. Eraser shield. 2,194,955; Mar. 26.
Richardson, Edward A., Bethlehem, Pa. Fluid actuated valve. 2,207,944; July 16.
Richardson, Edward A., Bethlehem, Pa. Method and apparatus relating to insulated vessels and structures of great variety. 2,215,532; Sept. 24.
Richardson, Elmer C. (See Mole, P., Richardson, and Coates.)
Richardson, Ernest L., Melrose, Mass., assignor to General Electric Company. Beam drive. 2,196,000; Apr. 2.
Richardson, Francis S. (See Flynn, O. R., and Richardson.)
Richardson, Frank W., East Orange, N. J. Wall and ceiling construction. 2,198,316; Apr. 23.
Richardson, Graham M. (See Robinson, E. A., and Richardson.)
Richardson, Harry B., Roselle, N. J. Table top structure. 2,187,893; Jan. 23.
Richardson, Henry K. (See Green, J. H., and Richardson.)
Richardson, Henry K., Bloomfield, N. J., assignor of one-half to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., and one-half to Baker and Co., Inc., Newark, N. J. Guide for molten material. 2,190,296; Feb. 13.
Richardson, Henry L., Danville, Va. Operating means for elevator gates. 2,214,309; Sept. 10.
Richardson & Holland, Inc. (See Helland, Martin, assignor.)
Richardson, Irving, Newark, N. J. Insect trap. 2,193,492; Mar. 12.
Richardson, Irving, Newark, N. J. Carpet sweeper. 2,226,581; Dec. 31.
Richardson, Jairus S., Sheboygan Falls, Wis. Sanding machine. 2,192,240; Mar. 5.
Richardson, John N., Chicago, Ill. Cupola charger. 2,200,652; May 14.
Richardson, John N., Chicago, Ill. Furnace charger. 2,200,653; May 14.
Richardson, John N., Chicago, Ill. Furnace charger. 2,203,307; June 4.
Richardson, John N., Chicago, Ill. Furnace charger. 2,207,357; July 9.
Richardson, John N., Chicago, Ill. Skip hoist. 2,222,803; Nov. 26.
Richardson, John W., Utica, N. Y. Ladder. 2,208,472; July 16.
Richardson, Lawrence, Melrose, Mass. Steam operated locomotive. 2,223,386; Dec. 3.
Richardson, Lawrence F., Stanmore, and V. J. Faulkner, Harrow, England. Sanitary hygienic device for telephone instruments. 2,188,958; Feb. 6.
Richardson, Lycurgus W., Scotia, N. Y., assignor to General Electric Company. Cable connector. 2,222,723; Nov. 26.
Richardson, Marguerite M., Pittsburgh, Pa. Self-locking container. 2,206,049; July 2.
Richardson, Myron H. (See Gebert, A. E., Richardson, and Black.)
Richardson, Myron H., and F. C. Black, Chicago, and A. E. Gebert, Wilmette, assignors to Advance Machine Company, Chicago, Ill. Vending machine. 2,218,657; Oct. 22.

Richardson, R. G., et al. (See Eisler, Henry G., assignor.)
Richardson, Ralph S., Scarsdale, assignor to Chemical Construction Corporation, New York, N. Y. Ammonia oxidation method. 2,185,607; Jan. 2.
Richardson, Ralph S., Scarsdale, assignor to Chemical Construction Corporation, New York, N. Y. Preheating ammonia-air mixtures. 2,201,958; May 21.
Richardson, Russell, Bellevue, Pa., assignor, by mesne assignments, to Curtiss-Wright Corporation, New York, N. Y. Propeller blade. 2,212,170; Aug. 20.
Richardson, Sidney A., Footscray, Victoria, Australia, assignor to Western Precipitation Corporation, Los Angeles, Calif. Centrifugal separating device. 2,201,301; May 21.
Richardson, William A., Edwardsville, Ill. Anchor. 2,210,635; Aug. 6.
Riche, Arthur L., assignor, by mesne assignments, to Micro Switch Corporation, Freeport, Ill. Control apparatus. 2,189,996; Feb. 13.
Riche, Arthur L., assignor to Micro Switch Corporation, Freeport, Ill. Control system for a plurality of motors. 2,204,949; June 18.
Riche, Arthur L., assignor, by mesne assignments, to Micro Switch Corporation, Freeport, Ill. Electric circuit control. 2,223,460; Dec. 3.
Richeda, Oreste P., Hanford, Calif. Accordion stand. 2,204,028; June 11.
Richenburg, Charles. (See Sanborn, Chester O.)
Richer, Joseph R., Lakewood, assignor to The National Tool Company, Cleveland, Ohio. Worm cutting machine. 2,224,988; Dec. 17.
Richey, Charles V., Jamaica, N. Y. Telephone lock device. 2,202,965; June 4.
Richfield Oil Corporation. (See Byrns, Alva C., assignor.)
Richfield Oil Corporation. (See Craig, W. A., and Rich, assignors.)
Richford, Maurice A. (See Beckman, P. E., and Richford.)
Richker, Charles. (See Eastman, Du Bois, and Richker.)
Richli, William, Stockton, Calif. Juice separator and pulp ejector. 2,206,204; July 2.
Richmond Cedar Works. (See Parrish, Henry C., assignor.)
Richmond, George G., et al. (See Guderian, Juel F., assignor.)
Richmond, George O. (See Candee, A. H., and Richmond.)
Richmond, George O., assignor to Gleason Works, Rochester, N. Y. Tool for cutting gears. 2,216,628; Oct. 1.
Richmond, Henry S. (See Alexander, Ford I., assignor.)
Richmond, Howard B. (See Thiele, W. F., and Richmond.)
Richmond, James, et al. (See Guderian, Juel F., assignor.)
Richmond, Joseph L. (See Lockwood, W. H., and Richmond.)
Richmond, Joseph L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of alkyl substituted aryl sulphates. 2,190,733; Feb. 20.
Richmond, Robert L. (See Potdevin, A., and Richmond.)
Richmond Screw Anchor Co. (See Schenk, Tamis C., assignor.)
Richmond, William E. (See Woodward, A. H., Richmond, and Thompson.)
Richolt, Robert R., Burbank, Calif., assignor to Lockheed Aircraft Corporation. Cable lock. 2,225,845; Dec. 24.
Richstein, Shirley B., Phoenix, Ariz. Dressing shield. 2,224,746; Dec. 10.
Richter, Alfred F. Des Moines, Iowa. Snow plow attachment for automobiles. 2,191,323; Feb. 20.
Richter, Carl F., assignor to Continental Gummi-Werke Aktiengesellschaft, Hanover, Germany. Fold collar for motor vehicles. 2,226,388; Dec. 24.
Richter, Clarence M., Syracuse, N. Y. Device for enabling cleaning of vacuum cleaner dust bags. 2,199,859; May 7.
Richter, Ewald, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna. 2,212,128; Aug. 20.
Richter, Franz, Dobeln, Germany, assignor to International Cigar Machinery Company. Cigar bunch head trimmer. 2,213,869; Sept. 3.
Richter, Fred K. R. (See Hirschler, H. L., Crooks, and Richter.)
Richter, George A., assignor to Brown Company, Berlin, N. H. Chemical wood-pulping process. 2,190,193; Feb. 13.
Richter, George A., assignor to Brown Company, Berlin, N. H. Chemical pulping of raw cellulosic material. 2,190,194; Feb. 13.
Richter, Gideon. (See Vargha, László, assignor.)
Richter, Hans, Bremen, Germany. Steam trap. 2,208,390; July 16.
Richter, Harry, assignor to Kimble Glass Company, Vineland, N. J. Manufacture of glass ampoules. 2,224,486; Dec. 10.
Richter, Henry O., assignor to Norton Company, Worcester, Mass. Adhesive abrasive composition. 2,205,438; June 25.
Richter, Herman W., Bridgewater, Mass Molding apparatus. 2,198,634; Apr. 30.
Richter, Herman W., assignor to George O. Jenkins Company, Bridgewater, Mass. Treating leatherboard. 2,221,329; Nov. 12.
Richter, Johan C. F. C., assignor to Aktiebolaget Kamyr, Oslo, Norway. Apparatus for continuous treatment of wood pulp, cellulose, and similar material with bleaching liquid, alkali, or other chemicals. 2,195,680; Apr. 2.
Richter, Karl, Elkins Park, Pa. Household implement. 2,186,430; Jan. 9.
Richter, Karl, Kiel, Germany, assignor, by mesne assignments, to Metra Maatschappij voor Verduurzaming van Zuivelproductem N. V., Amsterdam, Netherlands. Treatment of liquid or semi-solid foods and foodstuffs. 2,195,469; Apr. 2.
Richter, László. (See Geiger, E., Vargha, and Richter.)
Richter, Louis E. (See Stroehla, A. D., and Richter.)
Richter, Max, West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Stop control mechanism. 2,214,383; Sept. 10.
Richter, Robert. (See Gerstenberger, B., Hübschmann, and Richter.)
Richter, Rudolf M., Brooklyn, N. Y. Time study device. 2,204,911; June 18.
Richter, Werner. (See Fischer, J., and Richter.)
Richter, William, Kankakee, assignor to Paramount Textile Machinery Co., Chicago, Ill. Knitting machine. 2,215,253; Sept. 17.
Richter, Wolfgang, Halle-on-the-Saale, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Parasecondary alkylaminobenzaldehydes and making them. 2,187,328; Jan. 16.
Richterkessing, Frank H., assignor to Nachod & United States Signal Co., Incorporated, Louisville, Ky. Traffic signal. 2,204,228; June 11.
Richterkessing, Frank H., assignor to Nachod & United States Signal Co., Incorporated, Louisville, Ky. Railway signaling system. 2,211,579; Aug. 13.
Richtmyer, Nelson K. (See Hudson, C. S., Richtmyer, and Hann.)
Rick, Gregory G., Merriam, and C. E. Loetel, Kansas City, Kans., assignors to Anderson-Stolz Corporation. Fuel briquette and making same. 2,217,994; Oct. 15.
Rickard, Fay E., Chicago, Ill. Method and apparatus for folding paper and the like. 2,198,460; Apr. 23.
Rickard, George B., deceased, by S. E. Rickard, administratrix, and H. P. Kirchner, assignors to The Carborundum Company, Niagara Falls, N. Y. Segmental pulp wheel. 2,219,398; Oct. 29.
Rickard, Henry C., Boston, Mass., assignor to Royal-Typewriter Company, Inc., New York, N. Y. Portable typewriter and cabinet accessory. 2,215,158; Sept. 17.
Rickard, Sarah E., administratrix. (See Rickard, G. B., and Kirchner.)
Ricken, Charles B., assignor of one-half to G. M. Ketcham, Jr., Brooklyn, N. Y. Shower shield for bathtubs. 2,197,385; Apr. 16.
Rickenbach, Harry C., Pittsburgh, Pa. Die forming machine. 2,221,881; Nov. 19.
Ricker, Adolph J., assignor to Badger Malleable & Mfg. Company, South Milwaukee, Wis. Jack. 2,185,476; Jan. 2.
Ricker, Frederick G., assignor to Baker Perkins Company, Inc., Saginaw, Mich. Curling mechanism for dough molders. 2,211,580; Aug. 13.
Ricker, Richard W., Parkersburg, W. Va., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Refractory material and producing the same. 2,218,623; Oct. 22.
Ricket, Harold N. (See Berger, R., and Ricket.)
Ricketts, James R., Oakland, Calif. Spigot for wine casks and the like. 2,203,968; June 11.
Ricketts, John W., et al. (See Nielsen, Adolph E., assignor.)
Ricketts, Vernon L., Oakland, assignor to Shell Development Company, San Francisco, Calif. Lubricating oil composition. 2,186,346; Jan. 9.
Riconda, Leo J., City Island, N. Y., assignor to The Safety Car Heating & Lighting Company. Ventilating apparatus. 2,219,237; Oct. 22.
Ricou, Clarence A., Shreveport, La., assignor to Petroleum Increase Corporation, Carthage, Tex. Directional firing casing and formation gun. 2,226,073; Dec. 24.
Riddle, Harvey W. (See Peterson, T. F., and Riddle.)
Riddle, Herbert S., and C. E. Knight, Springfield, Mass., assignors to Monsanto Chemical Company, St. Louis, Mo. Tubular article. 2,227,275; Dec. 31.
Riddell, John T., Chicago, Ill. Football. 2,194,674; Mar. 26.
Riddell, John T., Chicago, Ill. Construction and anchoring shoe cleats. 2,203,969; June 11.
Riddell, John T., Evanston, Ill. Lasting tool. 2,212,720; Aug. 27.
Riddell, John T., Chicago, Ill. Shoe cleat. 2,213,289; Sept. 3.
Riddell Products Limited. (See Lehmann, Herbert, assignor.)
Ridderstrom, Andrew R., Nahant, assignor to Prime Manufacturing Company, Lynn, Mass. Lip-setting and trimming machine. 2,206,855; July 2.
Ridderstrom, Andrew R., Nahant, assignor to Prime Manufacturing Company, Lynn, Mass. Manufacture of cartons. 2,226,181; Dec. 24.
Rideau, Jean R. (See Ducret, A. M., and Rideau.)
Rideau, Jean R., and A. M. Ducret, Paris, France. Heating surface. 2,205,543; June 25.

Rider, Harwood K., Ann Arbor, Mich. Controlled differential mechanism for typewriters and other machines. 2,185,226; Jan. 2.
Rider, Irvin W., assignor to Perfection Windshield Company, Inc., Indianapolis, Ind. Bulletproof glass mounting unit. 2,226,833; Dec. 31.
Rider, John F., and J. Avins, New York, N. Y. Electrical testing system. 2,227,381; Dec. 31.
Ridge, Bertram P. (See Butterworth, E., and Ridge.)
Ridge, Bertram P. (See Hill, W. B., and Ridge.)
Ridge, Raymond J., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,208,267; July 16.
Ridge Tool Company, The. (See Ingwer, C. H., and Wright, assignors.)
Ridge Tool Company, The. (See Wright, Clyde E., assignor.)
Ridgely, James O., Sykesville, Md., assignor to C. D. Shreve, Washington, D. C. Expansion joint for pavements and the like. 2,197,438; Apr. 16.
Ridgeway, Denis V., assignor to Baird Television Limited, London, England. Electromagnetic focusing coil. 2,202,505; May 28.
Ridgway, William F., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Indicating mechanism. 2,196,231; Apr. 9.
Ridgway, William F., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 2,224,106; Dec. 3.
Ridgway, William F., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 2,224,107; Dec. 3.
Ridgway, William F., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 2,224,108; Dec. 3.
Ridler, Earl S., Bellevue, Del., and A. S. Weygandt, Cleveland Heights, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic converter. 2,195,738; Apr. 2.
Ridley, Harry, Bronte, near Sydney, New South Wales, Australia. Lining of pipes with cementitious material. 2,185,570; Jan. 2.
Ridley, Ralph M., Whittier, assignor of one-third to H. W. Stepp, and one-third to T. Jines, Whittier, Calif. Method and apparatus for perforating well casings. 2,212,044; Aug. 20.
Ridley, Ralph M., Whittier, assignor of one-third to H. W. Stepp and one-third to T. Jines, Whittier, Calif. Gun perforator. 2,212,045; Aug. 20.
Ridyard, Thomas H., assignor to E. B. Reynolds, Winnipeg, Manitoba, Canada. Amusement device. 2,196,274; Apr. 9.
Rieback, Bertha, et al. (See Hohman, C. J., and Riback, assignors.)
Riebel, Frederick, Jr., Miami Beach, Fla., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,214,862; Sept. 17.
Riebel, Frederick, Jr., and I. F. Flatz, assignors to Air-way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,204,912; June 18.
Riechers, Herbert F., Jackson Heights, assignors to The Ansley Corporation, New York, N. Y. Electrical piano. 2,219,539; Oct. 29.
Ried, Robert C., West Conshohocken, Pa., assignor to Separation Process Company. Flotation reagent. 2,202,601; May 28.
Riedel, Frederick P., Richmond Hill, N. Y. Container. 2,209,663; July 30.
Riedel, J. D.,-E. de Haen Akt.-Ges. (See Stephan, Karl, assignor.)
Riedel, Robert W., Ault, Colo. Dispenser for bobby type hairpins. 2,224,315; Dec. 10.
Riedel, Rudolf, Oberlungwitz, Germany, assignor to Kalio, Inc., New York, N. Y. Jack bar for flat knitting machines. 2,216,502; Oct. 1.
Riedel, Walter, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Motion picture camera. 2,226,638; Dec. 31.
Rieder, George E., Baltimore, Md. Fruit and vegetable cutting apparatus. 2,219,963; Oct. 29.
Riedl, Hans-Joachim, and G. Pfleiderer, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to W. H. Duisberg, New York, N. Y. Production of hydrogen peroxide. 2,215,883; Sept. 24.
Riedmair, Josef. (See Zerweck, W., and Riedmair.)
Rief, Joseph W., Montreal, Quebec, Canada, assignor to The Enterprise Manufacturing Company, Akron, Ohio. Nut lock. 2,189,654; Feb. 6.
Rieger, Ernest W. (See Klein, C. J., and Rieger.)
Rieger, Nelson M., Dayton, Ohio. Mower. 2,219,494; Oct. 29.
Rieger, Wilhelm, Kassel-Wilhelmshohe, Germany. Valve control. 2,186,497; Jan. 9.
Rieger, Wilhelm, Kassel-Wilhelmshohe, Germany. Valve control. 2,190,586; Feb. 13.
Rieger, Wilhelm, and O. H. Hartmann, Kassel-Wilhelmshohe, Germany. Apparatus for separating water and salt from steam. 2,194,151; Mar. 19.
Rieger, Willi, Kassel-Wilhelmshohe, Germany. Multiple-expansion piston steam engine. 2,198,552; Apr. 23.
Riegger, Paul, assignor to Kienzle Taxameter-und Apparate-A.-G., Villingen, Schwarzwald, Germany. Device for control of the cutting speed of machine tools. 2,209,037; July 23.
Riehl, Frederick W., Denver, Colo. Boiler furnace. 2,200,809; May 14.
Riehl, John J., Cleveland, Ohio. Type binder. 2,218,219; Oct. 15.
Riehl, John J., Cleveland, Ohio. Type holder. 2,218,220; Oct. 15.
Riel, Carl E. (See Zick, F. G., and Riel.)
Riemenschneider, Ernest, Lakewood, assignor to The Midland Steel Products Company, Cleveland, Ohio. Arc welding system. 2,189,326; Feb. 6.
Riemenschneider, Ernest, assignor to The Midland Steel Products Company., Cleveland, Ohio. Making automobile frames. 2,192,560; Mar. 5.
Riemer, Arthur C., Delmar, N. Y. Composition for coloring flames. 2,219,565; Oct. 29.
Riemersma, Martinus J. (See Maters, C., and Riemersma.)
Ries, Edward M., Camden, Ohio. Device for cleaning toilet hoppers and the like. 2,214,972; Sept. 17.
Ries, Herman E., Jr., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Lubricating oil composition. 2,211,163; Aug. 13.
Riesen, Frederick G., Sr., Milwaukee, Wis. Conveyer. 2,202,399; May 28.
Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery construction. 2,189.327; Feb. 6.
Rieser, Oliver O., Oak Park, assignor to The Richardson Company, Lockland, Ohio. Device for treating storage battery cell covers. 2,212,402; Aug. 20.
Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Manufacture of compositions of lead and its oxides. 2,217,235; Oct. 8.
Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery and cell cover therefor. 2,223,226; Nov. 26.
Rieske, Otto G., Buffalo, N. Y. Food grinding machine. 2,210,006; Aug. 6.
Rieske, Otto G., Buffalo, N. Y. Filleting machine. 2,210,955; Aug. 13.
Riester, Oskar. (See Albers, F., Trabert, Sack, Jessien, Dieterle, and Riester.)
Riester, Oskar. (See Dieterle, W., and Riester.)
Riester, Oskar, Dessau-Ziebigk, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Color photography. 2,196,275; Apr. 9.
Riester, Oskar, Dessau-Ziebigk, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Polymethine dyes. 2,204,188; June 11.
Riester, Oskar, Dessau-Ziebigk, and G. Wilmanns, Wolfen, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Photographic emulsion. 2,213,995; Sept. 10.
Riesz, Robert R., Mount Vernon, assignor to Bell Telephone Laboratories, New York, N. Y. Artificial larynx. 2,202,467; May 28.
Riesz, Robert R., Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency changing. 2,219,021; Oct. 22.
Rietsch, Eberhard, Berlin-Konradshohe, Germany, assignor to General Electric Company. Rsistance line welding control. 2,209,932; July 30.
Rietschel, John, Chicago, Ill. Portable bowling alley. 2,188,740; Jan. 30.
Rietti, Edgardo, et al. (See Possenti, Aurelio, assignor.)
Rifkin, Bernard M., New York, N. Y. Receptacle. 2,212,618; Aug. 27.
Rigandi, Joseph R., Westerleigh, N. Y. Cheek rest for firearms. 2,188,691; Jan. 30.
Rigby, George W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Aliphatic amino-nitriles and producing them. 2,208,598; July 23.
Rigerman, Harry F., Kenmore, N. Y. Container. 2,203,271; June 4.
Riggs, Alger S., Miami Beach, Fla., assignor of one-third to J. B. Brady, Washington, D. C. Apparatus for electrical control. 2,206,920; July 9.
Riggs, Amalia de M., Washington, D. C. Vehicle direction indicator. 2,186,498; Jan. 9.
Riggs, Homer C., North Andover, Mass. Method and apparatus for continuously crushing and discharging carbonized and foreign substances from woolen and worsted fabrics. 2,211,838; Aug. 20.
Riggs, John H., North Tonawanda, N. Y., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Amplification system for crystal pickups and microphones. 2,220,281; Nov. 5.
Riggs, John L., assignor of twenty-four and one-half percent to A. C. Kirchoff and twenty-four and one-half percent to E. Allen, Mesa, Ariz. Cotton stalk cutter. 2,193,009; Mar. 12.
Riggs, Joseph, Pound, Va., assignor of fifty percent to T. M. Perry, Jenkins, Ky. Switch. 2,188,725; Jan. 30.
Riggs, Lewis W., Watertown, assignor of one-half to R. M. Chatterton, Malden, Mass. Treatment of hydrocarbons. 2,222,489; Nov. 19.
Riggs, Lewis W., Watertown, assignor to Hydrocarbons Research Co., Boston, Mass. Process and apparatus for making calcium carbide. 2,222,585; Nov. 19.
Right Sales, Inc. (See Wright, Le Roy G., assignor.)

Rightmyer, Holden W., assignor to The American Swiss Company, Toledo, Ohio. Vehicle door latch. 2,189,405; Feb. 6.
Rightmyer, Holden W., assignor to The American Swiss Company, Toledo, Ohio. Vehicle door latch. 2,191,625; Feb. 27.
Rightmyer, Holden W., assignor to The American Swiss Company, Toledo, Ohio. Automobile door latch structure. 2,192,105; Feb. 27.
Rightmyer, Holden W., assignor to The American Swiss Company, Toledo, Ohio. Vehicle door latch. 2,198,461; Apr. 23.
Rightmyer, Holden W., assignor to The American Swiss Company, Toledo, Ohio. Flush door latch structure. 2,218,960; Oct. 22.
Rightmyer, Holden W., assignor to The American Swiss Company, Toledo, Ohio. Vehicle door latch. 2,223,186; Nov. 26.
Rights, Herbert T., West Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Illuminated dial instrument. 2,214,595; Sept. 10.
Riley, Albert, Huddersfield, England, assignor to Imperial Chemical Industries Limited. Manufacture of phthalocyanines. 2,214,477; Sept. 10.
Riley, Clyde. (See Fisher, R. D., and Riley.)
Riley Development Corporation. (See Riley, Glenn L., assignor.)
Riley, Edward C., Laurelton, assignor to American Sponge & Chamois Co., Inc., New York, N. Y. Temperature reduction material. 2,208,855; July 23.
Riley, Glenn L., New Orleans, La., assignor to Riley Development Corporation. Oil burner. 2,220,828; Nov. 5.
Riley, Hollis T. (See Wheeler, J., McKim, and Riley.)
Riley, James E., Minneapolis, Minn. Water service device. 2,186,431; Jan. 9.
Riley, John P., assignor to S. Karpen & Bros., Chicago, Ill. Mattress. 2,200,011; May 7.
Riley, Lester S., Reading, Mass. Music chart. 2,193,885; Mar. 19.
Riley, Lynn G., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Connector. 2,217,496; Oct. 8.
Riley, Nelson S., Jr. (See Patterson, A. M., Jr., and Riley.)
Riley, Ray, Long Island City, assignor to The Permutit Company, New York, N. Y. Nicotine insecticide and making the same. 2,226,389; Dec. 24.
Riley, Ray, Birmingham, N. J., assignor to The Permutit Company, New York, N. Y. Method of and apparatus for treating water. 2,226,743; Dec. 31.
Riley, Reginald H. J. (See Addy, C. W., Riley, and Grinnell.)
Riley, Robert L. (See Reed, C. D., and Riley.)
Riley Stoker Corporation. (See Blodgett, Albert G., assignor.)
Riley Stoker Corporation. (See Kuhner, Max H., assignor.)
Riley Stoker Corporation. (See Rehm, Gustav A., assignor.)
Riley Stoker Corporation. (See Rogers, Wayne C., assignor.)
Riley, Thomas, assignor to J & J Cash, Incorporated, South Norwalk, Conn. Package for strip labels. 2,201,921; May 21.
Riley, William H., Millvale, Pa. Variable camber and variable thickness airfoil. 2,211,989; Aug. 20.
Rill, Carroll N. (See Roehner, T. G., and Rill.)
Rime-Bruneau, Paul, assignor to the firm Societe d'Exploitation des Procedes Dabeg, Paris, France. Actuating mechanism for poppet valves. 2,223,461; Dec. 3.
Rimington, Elton H., Beverly, Mass. Eye examining instrument. 2,221,928; Nov. 19.
Rimmel, Roy A., assignor to M. B. Suydam Company, Pittsburgh, Pa. Coating metal articles. 2,216,376; Oct. 1.
Rimple, Edward J. (See McDermott, D. D., and Rimple.)
Rinard, Ellis B., and W. S. Weeks, Millbrae, Calif. Film holding device. 2,221,265; Nov. 12.
Rineer, Arthur E., Dayton, Ohio. Indicating device. 2,223,640; Dec. 3.
Rinehart, Nerl, assignor to Western Oil Fields Supply Company, Bakersfield, Calif. Article handling device. 2,194,125; Mar. 19.
Ring, Douglas H., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multiple unit steerable antenna system. 2,225,928; Dec. 24.
Ring, Ernest A., Providence, R. I. Nose pad for eyeglasses and spectacles. 2,216,503; Oct. 1.
Ring, Friedrich, Berlin-Tempelhof, and G. Weiss, Berlin-Dahlem, Germany. Fluorescent screen. 2,186,393; Jan. 9.
Ring, Joseph J., W. J. Rheingans, and B. R. Nichols, Wauwatosa, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Prime mover control system. 2,224,638; Dec. 10.
Ring, Joseph J., and B. R. Nichols, Wauwatosa, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Prime mover control system. 2,227,417; Dec. 31.
Ring, Laurence M., Brookline, Mass. Reading apparatus for invalids. 2,211,480; Aug. 13.
Ring, William A. (See Laddon, I. M., Ring, and Mandolf.)
Ring, William A., and C. B. Livers, San Diego, Calif., assignor to Consolidated Aircraft Corporation. Container and release mechanism for aircraft. 2,214,724; Sept. 10.
Ringelstetter, Leo A., Plain, Wis. Flowmeter. 2,220,496; Nov. 5.
Ringer, Luther. (See Geldhof, P. E., and Ringer.)
Ringle, Caleb, Jersey City, N. J. Assembled structure. 2,205,275; June 18.
Ringler, William A., Wayne, Pa. Folding container. 2,206,304; July 2.
Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Package for fragile articles. 2,197,510; Apr. 16.
Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Merchandising package. 2,205,437; June 25.
Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Dispensing container. 2,216,323; Oct. 1.
Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Dispenser container. 2,216,324; Oct. 1.
Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Collapsible box. 2,220,121; Nov. 5.
Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Collapsible box. 2,220,122; Nov. 5.
Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Merchandise package. 2,220,912; Nov. 12.
Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Container. 2,220,913; Nov. 12.
Ringrose, Henry T., West Park, Leeds, England. Apparatus for indicating the presence of inflammable vapors or gases. 2,201,055; May 14.
Rinia, Herre, Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. High frequency amplifying arrangement for a very broad frequency band. 2,195,095; Mar. 26.
Rinia, Herre, Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Cathode ray tube circuit. 2,218,720; Oct. 22.
Rinia, Herre, Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Synchronizing circuit. 2,226,260; Dec. 24.
Rinia, Herre, and A. J. H. van der Ven, Eindhoven, Netherlands, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Power supply device. 2,206,123; July 2.
Rinke, George R., Old Greenwich, Conn., assignor to John Powell & Co., New York, N. Y. Plant stimulant. 2,213,260; Sept. 3.
Rinke, Heinrich. (See Schröter, R., Rinke, and Eck.)
Rinkel, Paul, Berlin-Charlottenburg, Germany, assignor to H. Weill, New York, N. Y. Hollow bodies capable of being produced by folding sheet material. 2,203,697; June 11.
Rinkhoff, Edward A., Irwin, Pa. Vending machine. 2,221,723; Nov. 12.
Rinn, Irwin C. (See Wilson, Nolan E., assignor.)
Rinn, Irwin C., assignor to Irwin C. Rinn & Company, Chicago, Ill. Film pack, especially for dental films and the like. 2,189,299; Feb. 6.
Rinn, Irwin C., & Company. (See Rinn, Irwin C., assignor.)
Rinne, John, Brooklyn, N. Y. Apparatus for reducing frictional resistance of liquid on floating bodies. 2,218,938; Oct. 22.
Rinot, Roger G., Paris, France. Starter. 2,204,698; June 18.
Rintelman, William L. (See Wuertz, A. J., and Rintelman.)
Rintelman, William L., Carrollville, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuff intermediates of the anthraquinone series. 2,204,970; June 18.
Rio, Clarence J., Tyler, Pa. Shoelace fastener. 2,199,758; May 7.
Rio, Clarence J., Tyler, Pa. Shoestring fastener. 2,200,895; May 14.
Rio, Clarence J., Tyler, Pa. Hoist pulley and rope gripper. 2,200,896; May 14.
Riordan, Edward J., assignor to Aron Electricity Meter Limited, London, England. Calibrating electricity meters or like electrical measuring instruments. 2,205,309; June 18.
Ripley, Nathan H., Murphysboro, Ill. Dressing concrete surfaces. 2,200,433; May 14.
Rippenbein, Albert P., assignor to The Bicycle Built-In-Two, Inc., New York, N. Y. Collapsible bicycle. 2,211,164; Aug. 13.
Ripper, Kurt, Vienna, Austria, assignor to American Cyanamid Company, New York, N. Y. Dicyandiamideformaldehyde resinous compositions. 2,207,442; July 9.
Ripper, Walter E., Hadersdorf-Weidlingau, Austria. Poison for combatting insects. 2,206,975; July 9.
Rippey, George S., assignor to United Fruit Company, Boston, Mass. Fiber cleaning apparatus. 2,220,025; Oct. 29.

Rippey, George S., assignor to United Fruit Company, Boston, Mass. Fiber cleaning. 2,220,026; Oct. 29.
Rippey, George S., Boston, and H. Rowe, Newton Center, assignors to United Fruit Company, Boston, Mass. Separating leaf sheaths. 2,211,351; Aug. 13.
Rippl, Charles H., assignor to The Clark Controller Company, Cleveland, Ohio. Fluid pressure operated apparatus. 2,198,514; Apr. 23.
Rippl, Charles H., assignor to The Clark Controller Company, Cleveland, Ohio. Electric contact. 2,209,038; July 23.
Rippon, Francis F. C., New York, N. Y. Spelling toy. 2,213,411; Sept. 3.
Risdon Manufacturing Company, The. (See Peterson, Gunnard P., assignor.)
Risien, George W., New York, and C. Forschner, Astoria, N. Y. Coffee making apparatus. 2,210,126; Aug. 6.
Rison, Robert L., Washington, D. C. Aquatic amusement device. 2,207,025; July 9.
Risser, Ivan H., assignor to U. S. Bottlers Machinery Co., Chicago, Ill. Container cleaning machine. 2,196,027; Apr. 2.
Risser, Ross E., Jr., Bonham, Tex. Meter. 2,208,950; July 23.
Riszdorfer, Odön, Budapest, Hungary. Photographic camera. 2,188,820; Jan. 30.
Riszdorfer, Ödön, Budapest, Hungary. Apparatus for light control. 2,193,325; Mar. 12.
Riszdorfer, Ödön, Budapest, Hungary. Apparatus for light control. 2,194,031; Mar. 19.
Riszdorfer, Ödön, Budapest, Hungary. Photographic camera fitted with an electric exposure meter. 2,194,152; Mar. 19.
Riszdorfer, Odon, Budapest, Hungary. Light measuring apparatus for photographic cameras. 2,213,942; Sept. 3.
Rit Products Corporation. (See Kritchevsky, Wolf, assignor.)
Ritchey, Andrew M., San Antonio, Tex. Safety switch point bridal bar protector. 2,222,855; Nov. 26.
Ritchie, Daniel F., China Grove, N. C. Pressure gauge for pneumatic tires. 2,220,495; Nov. 5.
Ritchie, David M. (See Schoepf, T. H., and Ritchie.)
Rittenhouse, A. E., Co., The. (See Lord, K. M., and Warren, assignors.)
Rittenhouse, A. E., Co., The. (See Rittenhouse, Lloyd, assignor.)
Rittenhouse, Lloyd, assignor to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Signal device. 2,189,181; Feb. 6.
Ritter, Edward J. (See White, J. V., and Ritter.)
Ritter, Ernest A., London, England, assignor to Universal Cellulose (Proprietary) Limited, Durban, Natal, Union of South Africa. Fermentation process for the preparation of paper pulp from bagasse and similarly incrusted cellulose fibers. 2,193,493; Mar. 12.
Ritter, George, Millington, N. J., assignor to The Ruberoid Co., New York, N. Y. Imitation tile trim. 2,186,684; Jan. 9.
Ritter, George F., and S. F. Sawyer, Toledo, Ohio; said Ritter assignor to said Sawyer. Cereal grinding. 2,199,030; Apr. 30.
Ritter, Heinrich. (See Fleischhauer, R., and Ritter.)
Ritter, Heinrich, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline & Film Corporation. Dyeing and printing of acetate artificial silk. 2,200,343; May 14.
Ritter, Heinrich, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline & Film Corporation. Acid wool dyestuffs. 2,213,608; Sept. 3.
Ritter, John G., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor compressor unit. 2,210,731; Aug. 6.
Ritter, Julius, Jr., assignor to Hartmann Trunk Company, Racine, Wis. Wardrobe case. 2,207,026; July 9.
Ritter Products Corporation. (See Johnson, Herbert B., assignor.)
Rittmeister, Wilhelm, Dessau, Anhalt, Germany, assignor, by mesne assignments, to "Patchem A.-G. Zur Beteiligung An Patenter Und Sonstigen Erfindungsrechter Auf Chemische Verfahren", Zurich, Switzerland. Manufacture of hydrogenation products of furfurol. 2,201,347; May 21.
Ritts, Arch V., Allison Park, and O. R. Olson, Swissvale, assignors to Pennsylvania Industrial Engineers, Pittsburgh, Pa. Immersion burner. 2,204,051; June 11.
Ritz, Peter, New York, N. Y. Combined cleansing, massaging, and toilet article. 2,219,141; Oct. 22.
Ritzenthaler, Bernhard. (See Kaupp, J., Ritzenthaler, Schuster, and Hoyer.)
Ritzenthaler, Bernhard. (See Pannwitz, W., and Ritzenthaler.)
Ritzerfeld, Wilhelm, Berlin, Germany. Apparatus for clamping mirror-script originals in duplicating machines and method relating thereto. 2,220,282; Nov. 5.
Ritzerfeld, Wilhelm, Berlin, Germany. Rotary duplicator. 2,220,283; Nov. 5.
Ritzert, Norman J. (See Freedlander, A. L., and Ritzert.)
Ritzert, Norman J., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Roll grinding machine. 2,185,737; Jan. 2.
Ritzert, Norman J., and E. H. Kremer, assignors to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt connector. 2,219,399; Oct. 29.
Ritzinger, Alice, and A. S. Olsen, Portland, Oreg. Hose nozzle support. 2,219,400; Oct. 29.
Ritzler, John E., Jr. (See Bancroft, W. D., Wilson and Rutzler.)
Ritz-Woller, Oliver C., Chicago, Ill. Lamp. 2,219,940; Oct. 29.
Ritz-Woller, Oliver C., Chicago, Ill. Plug for electric irons and the like. 2,222,880; Nov. 26.
Riva, Aurelio T., Habana, Cuba. Replaceable valve assembly. 2,186,499; Jan. 9.
Rival Manufacturing Company. (See Majewski, Joseph M., Jr.)
Rivard, Henry E. (See Allen, John W., assignor.)
Rivat, Georges, Lyon, France, assignor to H. Dreyfus, London, England. Treatment of textile and other materials. 2,189,017; Feb. 6.
Rivelli, Augusto, Baltimore, Md. Footwear. 2,221,151; Nov. 12.
River Raisin Paper Company. (See Reaume, Lawrence W., assignor.)
Rivera, Modesto, assignor of thirty-five per cent to L. A. Thompson, Chicago, Ill. Stringed instrument. 2,208,391; July 16.
Rivers, Bernard C., assignor of one-fifth to W. Millard and one-fifth to A. A. Abfalder, Milwaukee, Wis. Carburetor by-pass. 2,227,107; Dec. 31.
Rivers, Durward S., Indianapolis, Ind., deceased; K. Rivers, administratrix. Overload switch. 2,207,160; July 9.
Rivers, Kathryn, administratrix. (See Rivers, Durward S.)
Riverside Cement Company. (See Weinig, Arthur J., assignor.)
Rives, George H., assignor to Rives Neverslip, Inc., Brooklyn, N. Y. Antiskid finger clip. 2,203,308; June 4.
Rives Neverslip, Inc. (See Rives, George H., assignor.)
Rivett Lathe & Grinder, Inc. (See Blanchard, Frederick C., assignor.)
Rivkin, Joseph, assignor to The Neville Company, Pittsburgh, Pa. Cracking of oils. 2,226,261; Dec. 24.
Rivkin, Joseph, Pittsburgh, and R. C. Scheib, Avalon, assignors to The Neville Company, Pittsburgh, Pa. Plastic material. 2,204,772; June 18.
Rivkin, Joseph, Pittsburgh, and R. C. Scheib, Avalon, assignors to The Neville Company, Pittsburgh, Pa. Mastic floor tile. 2,204,773; June 18.
Rixson, Oscar C., The. (See Pariot, George, assignor.)
Rizer, Edward F. (See Acree, J. F., Rizer, and Walker.)
Riznyk, Joseph J., Englishtown, N. J. Rotary multiple plow. 2,226,289; Dec. 24.
Rizzuto, Charles, Brooklyn, N. Y. Smoker's stand. 2,226,209; Dec. 24.
Roach, Gerald A. (See Wagler, K. F., and Roach.)
Roach, Howard L., Plainfield, Iowa. Material spreader. 2,221,266; Nov. 12.
Roach, Jesse E., Forest Hills, N. Y. Seal for containers. 2,193,521; Mar. 12.
Roach, Martin J., Brighton, Mass. Automobile door handle. 2,190,951; Feb. 20.
Road, Richard A., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Resettable register for meters. 2,218,552; Oct. 22.
Roadless Traction Limited. (See Bawden, Richard, assignor.)
Roads, James R., Washington, D. C. Phonograph record cabinet. 2,226,779; Dec. 31.
Roads, Mikel, Bell, Calif. Burner. 2,219,532; Oct. 29.
Roart, Alphonse, Philadelphia, Pa. Special packaging of cooked pancakes. 2,194,153; Mar. 19.
Robarge, Fred E., Chicopee Falls, Mass. Baseball bat. 2,195,681; Apr. 2.
Robb, Alexander L., Pasadena, assignor to R & R Mfg. Co., Los Angeles, Calif. Spark plug construction. 2,202,027; May 28.
Robb, John F., Cleveland Heights, Ohio. Batching apparatus recording mechanism. 2,199,010; Apr. 30.
Robb, Joseph E., Overland Park, Kans., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigeration control system. 2,222,989; Nov. 26.
Robb, Joseph S., Collingswood, assignor to Radio Condenser Company, Camden, N. J. Mechanical tuning mechanism for a radio set. 2,213,849; Sept. 13.
Robben, Clemens A. and M. H., Norton, Kans. Turbine pump bearing. 2,192,665; Mar. 5.
Robben, Matthew H. (See Robben, Clemens A. and M. H.)
Robbins, Azor D., Highland Park, N. J. Torque converter. 2,186,556; Jan. 9.
Robbins, Brewster G., assignor to H. S. Powell, Utica, N. Y. Muffler. 2,199,164; Apr. 30.
Robbins, Brewster G., assignor to H. S. Powell, Utica, N. Y. Muffler tail pipe bending apparatus. 2,219,431; Oct. 29.
Robbins, Charles F. (See Putnam, C. A., Robbins, and Cheeseman.)
Robbins Engineering Company. (See Floss, Carl W., assignor.)
Robbins, Geoffrey W. (See Happel, J., and Robbins.)
Robbins, Max, Chicago, Ill., assignor to American Smelting and Refining Company, New York, N. Y. Casting apparatus. 2,199,598; May 7.

Robbins & Myers, Inc. (See Cristiano, A. M., and Reibold, assignors.)
Robbins & Myers, Inc. (See George, Earl B., assignor.)
Robbins, Ray N., East Orange, N. J. Fountain brush. 2,227,235; Dec. 31.
Robbins, William K., Chicago, Ill. Chain repair link. 2,216,831; Oct. 8.
Röber, Constantin F., assignor to "Universelle" Cigarettenmaschinenfabrik J. C. Mueller & Co., Dresden, Germany. Apparatus for conveying cigars and fillers. 2,198,976; Apr. 30.
Röber, Rolf. (See Dohse, H., and Röber.)
Robert, Arthur F. (See Pierce, George E., assignor.)
Robert, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Power supply network. 2,218,925; Oct. 22.
Roberts, Arthur, Bolton, England, assignor to General Fire Extinguisher Company, Providence, R. I. Frangible bulb for automatic sprinklers and the like. 2,187,098; Jan. 16.
Roberts, Charles E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration test method. 2,188,303; Jan. 30.
Roberts, Clarence, assignor of one-half to B. D. Leavitt, Chicago, Ill. Handle bar grip. 2,222,121; Nov. 19.
Roberts, Claude F., Jr., Landis, N. C. Bee feeder. 2,193,741; Mar. 12.
Roberts, Clifford, Winchester, and J. B. Hadaway, Swampscott, Mass., assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Manufacture of shoes. 2,200,375; May 14.
Roberts, Daniel A., Chicago, Ill. Line justifying mechanism. 2,192,330; Mar. 5.
Roberts, David, Upper Darby, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Cabinet construction. 2,194,722; Mar. 26.
Roberts, Dudley, assignor to Rubatex Products, Inc., New York, N. Y. Gas impregnation for expanded rubber. 2,216,136; Oct. 1.
Roberts, Dudley, assignor to Rubatex Products, Inc., New York, N. Y. Container for prevention of heat and cold transfer. 2,216,830: Oct. 8.
Roberts, Dudley, New York, L. Cooper, Flushing, and R. C. Bascom, Merrick, assignors to Rubatex Products, Inc., New York, N. Y. Expanded rubber boat fender. 2,197,839; Apr. 23.
Roberts, Dudley D., assignor to Rubatex Products, Inc., New York, N. Y. Gas expanded latex. 2,216,785; Oct. 8.
Roberts, Earl W., and T. L. Ferrall, Detroit, Mich., assignors, by mesne assignments to The Bryant Heater Company, Cleveland, Ohio. Gas lighter and safety control construction. 2,195,903; Apr. 2.
Roberts, Earl W., and T. L. Ferrall, Detroit, Mich., assignors, by mesne assignments, to The Bryant Heater Company, Cleveland, Ohio. Controlling means for gas burners. 2,218,771; Oct. 22.
Roberts, Edward F., Rye, assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Shoe adjustable to the foot. 2,205,577; June 25.
Roberts, Edwin C., Houston, Tex. Polish rod grip. 2,223,132; Nov. 26.
Roberts, Elliott J. (See Dorr, J. V. H., Weber, Darby, and Roberts.)
Robert, Ernest. (See Issartel, J., and Robert.)
Roberts, Ervin E., East Hartford, Conn. Nail or spike. 2,222,338; Nov. 19.
Roberts, Eugene, Hastings, assignor to The Western States Machine Company, New York, N. Y. Liquid cooled friction rim. 2,191,261; Feb. 20.
Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Affination apparatus for treating sugar. 2,206,237; July 2.
Roberts, Engene, Hastings, and G. E. Stevens, Denver, Colo., assignors to The Western States Machine Company, New York, N. Y. Refining sugar. 2,217,598; Oct. 8.
Roberts, Eugene, Hastings, N. Y., and J. Hertrich, Hamilton, Ohio, assignors to The Western States Machine Company, New York, N. Y. Suspension and driving means for gyratory centrifugals. 2,219,875; Oct. 29.
Roberts, Eugene, Hastings, N. Y., and G. E. Stevens, Denver, Colo., assignors to The Western States Machine Company, New York, N. Y. Centrifuging and washing sugar massecuites and similar mixtures 2,223,663; Dec. 3.
Roberts, Fred T., Malone, N. Y., assignor to Albert H. Bates, Shaker Heights, Ohio. Making tennis balls. 2,210,954; Aug. 13.
Roberts, Fred T., Los Angeles, Calif., assignor to A. H. Bates, Shaker Heights, Ohio. Making hollow elastic balls. 2,211,028; Aug. 13.
Roberts, George, Jr., Montclair, N. J., assignor to The M. W. Kellogg Company, New York, N. Y. Preparing mixtures of carbon monoxide and hydrogen. 2,185,989; Jan. 2.
Roberts, George, Jr., Montclair, N. J., D. W. Wilson, Scarsdale, N. Y., and P. C. Keith, Jr., Peapack, N. J., assignors to The M. W. Kellogg Company, New York, N. Y. Making a synthesis gas mixture of carbon monoxide and hydrogen. 2,198,553; Apr. 23.
Roberts, Glyn P., Birmingham, England, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,189,224; Feb. 6.
Roberts-Gordon Appliance Corporation. (See Gordon, William S., Jr., assignor.)
Roberts-Gordon Appliance Corporation. (See Nordensson, Carl O., assignor.)
Roberts, Gordon A., Grosse Pointe, Mich. Visor. 2,201,348; May 21.
Roberts, Henry T., assignor to J. P. Seeburg Corporation, Chicago, Ill. Phonograph structure. 2,191,729; Feb. 27.
Roberts, Henry T., assignor to Seeburg Radio Corporation, Chicago, Ill. Combined phonograph and radio. 2,200,297; May 14.
Roberts, Howard R., et al. (See Pagliaroni, John V., assignor.)
Roberts, Iva. (See Roberts, Robert A. and I.)
Roberts James A. (See Stevens, E. W., and Roberts.)
Roberts, Jimmie T., Dallas, Tex. Tube sanding tool. 2,196,942; Apr. 9.
Roberts, John G., Dobbs Ferry, assignor to M. L. Muir, Brooklyn, N. Y. Earpiece manufacture. 2,203,105; June 4.
Roberts, John T., St. Louis, Mo. Apparatus for making piston rings. 2,197,058; Apr. 16.
Roberts, John W., Bossier, La. Travel data indicator. 2,194,615; Mar. 26.
Roberts, Joseph K. (See Keith, P. C., Jr., and Roberts.)
Roberts, Julius, Brooklyn, N. Y. Ice tray. Re. 21,591; Oct. 1.
Roberts, Lawrence E., Toledo, Ohio. Combined heating and cooling system. 2,196,873; Apr. 9.
Roberts, Lawrence W., Philadelphia, Pa. Mothproofing compound and method of using. 2,225.352; Dec. 17.
Roberts, Leland C., Towaco, N. J., assignor to American Telephone and Telegraph Company. Selective telegraph system. Re. 21,681; Dec. 31.
Roberts, Leland C., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,225,887; Dec. 24.
Roberts, Louie A., Jackson, Miss. Barricade and sign. 2,212,504; Aug. 27.
Roberts, Milton. (See Hughes, Robert H. S., assignor.)
Roberts, Oscar L., Drexel Hill, assignor to The Atlantic Refining Company, Philadelphia, Pa. Recovery of liquid from hydrocarbon gases. 2,213,996; Sept. 10.
Roberts & Porter, Inc. (See Grembecki, Elmer C., assignor.)
Roberts, Ralph S., assignor to Briggs Manufacturing Company, Detroit, Mich. Vehicle body. 2,189,406; Feb. 6.
Roberts, Ray R., Thomaston, Conn. Buckle. 2,226,262; Dec. 24.
Roberts, Robert A. and I., Greensburg, Ind. Quilting frame. 2,198,128; Apr. 23.
Roberts, Robert P., and R. M. Dingley, Spondon, near Derby, England, assignors to Celanese Corporation of America. Spinning. 2,222,783; Nov. 26.
Roberts, Roy A., Bakersfield, Calif. Sucker rod rack. 2,186,151; Jan. 9.
Roberts, Russell M., and A. B. Christopher, Detroit, Mich.; said Christopher assignor to said Roberts. Combined can perforator and closure device. 2,194,099; Mar. 19.
Roberts, Samuel B., Cumberland, Md., assignor to Celanese Corporation of America. Dust elimination. 2,186,125; Jan. 9.
Roberts, Samuel S., Pittsburgh, Pa. Safety gas-expulsion device for furnaces. 2,193,697; Mar. 12.
Roberts, Samuel S., Pittsburgh, Pa. Rivet set or tool retaining means for pneumatic hammers and the like. 2,224,063; Dec. 3.
Roberts and Schaefer Company. (See Stump, Earl, assignor.)
Roberts, Thomas J., Sydney, New South Wales, Australia. Signal means usable by golf players. 2,191,683; Feb. 27.
Roberts, Thomas L., assignor to Air-Van Company, Wausau, Wis. Power-operated ventilator. 2,188,741; Jan. 30.
Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Interference elimination. 2,218,098; Oct. 15.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Tuning indicator circuit. 2,189,300; Feb. 6.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Tuning indicator circuits. 2,190,435; Feb. 13.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Impedance inverter. 2,197,348; Apr. 16.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Multistage vacuum tube amplifier. 2,198,317; Apr. 23.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Directive signaling. 2,202,400; May 28.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Directive signaling. 2,204,052; June 11.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Directive signaling. 2,208,733; July 23.

Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Electronic reactance wave filter. 2,216,521; Oct. 1.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Double resonance oscillator. 2,223,967; Dec. 3.
Roberts, Willard A., Cleveland Heights, Ohio, assignor to General Electric Company. Preparing luminescent material. 2,196,082; Apr. 2.
Roberts, William E. (See Moore, H. E., and Roberts.)
Roberts, William E., Kirbyville, Tex. Vehicle hitch. 2,193,938; Mar. 19.
Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Making shoes. 2,192,274; Mar. 5.
Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Toe-trimming machine. 2,199,512; May 7.
Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Lasting machine. 2,211,075; Aug. 13.
Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Work-clamping means for lasting machines. 2,226,780; Dec. 31.
Robertshaw, Frederick C., Pittsburgh, Pa. Ball cock. 2,198,416; Apr. 23.
Robertshaw Thermostat Company. (See Newell, Robert E., assignor.)
Robertson, Alexander T., Newcastle-on-Tyne, assignor to J. H. Holmes & Company Limited, Hebburn-on-Tyne, England. Electrical driving means. 2,211,673; Aug. 13.
Robertson, Alfred C. (See Jones, J. G., and Robertson.)
Robertson, Alfred C., assignor to Eastman Kodak Company, Rochester, N. Y. Splicing apparatus. 2,213,744; Sept. 3.
Robertson, Anthony E., New York, N. Y., assignor to Standard Oil Development Company. Reflux ratio control for fractionating columns. 2,218,624; Oct. 22.
Robertson, Anthony E., New York, N. Y., assignor to Standard Oil Development Company. Production of isobutylene. 2,196,363; Apr. 9.
Robertson, Benjamin C., North Hollywood, assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Motion picture film printer. 2,206,333; July 2.
Robertson, Clarence H., West Lafayette, Ind. Chessboard box. 2,221,267; Nov. 12.
Robertson, Donald D., Hartsdale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vacuum tube circuits. 2,191,542; Feb. 27.
Robertson, Donald W., Oakmont, Pa., assignor to L. H. Stewart Company, Ramsey, N. J. Chair. 2,191,159; Feb. 20.
Robertson, Edwin A., Sandusky, Ohio, assignor to General Cable Corporation, New York, N. Y. Electrical cable for welding machines. 2,222,574; Nov. 19.
Robertson, Frederick H., Jamaica, British West Indies. Board game. 2,215,936; Sept. 24.
Robertson, George L., Philadelphia, Pa., assignor of one-half to G. H. Baker, Riverton, N. J. Flush valve. 2,214,439; Sept. 10.
Robertson, George L., and V. N. Morris, assignors to National Hydrolator Company, Inc., Philadelphia, Pa. Flush valve for water closets and the like. 2,222,856; Nov. 26.
Robertson, H. H., Company. (See Hubbell, Dean S., assignor.)
Robertson, H. H., Company. (See Young, J. H., and Jenkins, assignors.)
Robertson, Harold F., Coraopolis, Pa., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, Composite material. 2,185,356; Jan. 2.
Robertson, Harold F., Coraopolis, Pa., assignor to Carbide and Carbon Chemicals Corporation. Plastic composition. 2,222,490; Nov. 19.
Robertson, Harold J., Tulsa, Okla., assignor to Sinclair Refining Company, New York, N. Y. Treatment of oil. 2,188,770; Jan. 30.
Robertson, Isaac W., Los Angeles, Calif. Apparatus and making thin rubber articles. 2,221,695; Nov. 12.
Robertson, J. H., et al. (See Overall, Ernest C., assignor.)
Robertson, John L. (See Rowe, R. N., and Robertson.)
Robertson, John L. (See Smith, H. S., and Robertson.)
Robertson, John W., London, England. Work-holding vise. 2,194,406; Mar. 19.
Robertson, Paul E., North Hollywood, Calif. Cooking utensil. 2,204,699; June 18.
Robertson, Robert R. (See Thomas, L. C., and Robertson.)
Robertson, Robert R., Chicago, Ill. Contraction and center joint. 2,193,494; Mar. 12.
Robertson, Robert R., Chicago, Ill. Contraction and center joint. 2,195,286; Mar. 26.
Robertson, Robert R., Chicago, Ill. Dowel plate joint and support. 2,215,653; Sept. 24.
Robertson, William H., Dayton, Ohio. Multiple pump. 2,208,055; July 16.
Robertson, William T., Okemah, Okla. Pump. 2,190,535; Feb. 13.
Robeson Process Company. (See Wallace, Frederick J., assignor.)
Robic, Raymond A., Outremont, near Montreal, Quebec, Canada. Air treating wheel. 2,223,227; Nov. 26.
Robichaux, Sosthene. (See Barrett, G. J., and Robichaux.)
Robie, Norman P., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Manufacture of abrasive articles. 2,201,321; May 21.
Robie, Norman P., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive article. 2,205,276; June 18.
Robie, Norman P., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive product. 2,227,200; Dec. 31.
Robijns, Willem P. M. J., Mortsel, assignor to Gevaert Photo-Producten, N. V., Oude-God, Antwerp, Belgium. Photographic layer and producing same. 2,192,241; Mar. 5.
Robillard, Joseph E. (See Hirschey, H. J., and Robillard.)
Robilotto, John D., New York, N. Y. Memorandum pad holder. 2,201,789; May 21.
Robin, Harold K., Sidcup, Kent, England, assignor to International Standard Electric Corporation, New York, N. Y. Modifying capacity effect. 2,202,506; May 28.
Robin, Leo, and M. van Roggen, Sprimont, Belgium. Driving device. 2,225,278; Dec. 17.
Robin, Leo, and M. Van Roggen, Sprimont, Belgium. Treatment of synthetic resins and materials containing same. 2,222,686; Nov. 26.
Robinett, Harley E., Paducah, Ky. Electric plug and socket. 2,212,075; Aug. 20.
Robins, Ben W. (See Stocker, A. C., Schrader, and Robins.)
Robins Conveying Belt Company. (See Fairbairn, J. J., and Robins, assignors.)
Robins Conveying Belt Company. (See Robins, Samuel D., assignor.)
Robins, Samuel D. (See Fairbairn, J. J., and Robins.)
Robins, Samuel D., New York, N. Y. Producing gyratory motion. 2,200,724; May 14.
Robins, Samuel D., assignor to Robins Conveying Belt Company, New York, N. Y. Power transmission for oscillatory bodies. 2,188,060; Jan. 23.
Robinson, Allan, Roxbury, Mass. Toilet package. 2,214,510; Sept. 10.
Robinson, Andrew S., Akron, Ohio. Pot for plant propagation. 2,220,497; Nov. 5.
Robinson, Archie D., Westfield, Mass. Ink supplying means. 2,194,723; Mar. 26.
Robinson, Archie D., Westfield, Mass. Ink dispensing device. 2,201,455; May 21.
Robinson, Arthur L., et al. (See Hardy, E. J., and C.)
Robinson, Cecil S., Ithaca, N. Y. Aerial camera mount. 2,198,920; Apr. 30.
Robinson, Charles A., Salem, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for separating shoes from lasts. 2,213,229; Sept. 3.
Robinson, Claud L., Des Moines, Iowa. Pump for liquefying gases. 2,211,029; Aug. 13.
Robinson, E. S., & A., Limited. (See Fowerker, Thomas S., assignor.)
Robinson, Edward N., Jr., and H. W. Krukau, assignors of twenty-two per cent to Henry W. Krukau, thirty-nine per cent to E. N. Robinson, Jr., and thirty-nine per cent to R. S. Holding, Jr., Providence, R. I. Justifying means for typewriters and other machines. 2,202,869; June 4.
Robinson, Edwin A., Chatham, assignor to National Oil Products Company, Harrison, N. J. Modified fatty alcohol and producing same. 2,200,298; May 14.
Robinson, Edwin A., Chatham, assignor to National Oil Products Company, Harrison, N. J. Fatty alcohol derivative. 2,200,299; May 14.
Robinson, Edwin A., Chatham, N. J., and G. M. Richardson, assignors to Eastman Kodak Company, Rochester, N. Y. Fugitively tinting and lubricating yarns. 2,207,696; July 9.
Robinson, Ernest L., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine bucket wheel. 2,220,914; Nov. 12.
Robinson, Foster G., assignor to Paper Sacks Limited, Bristol, England. Paper or like bag making machine. 2,224,656; Dec. 10.
Robinson, Frank D., Sandpoint, Idaho. Loading and transporting device. 2,220,286; Nov. 5.
Robinson, Frank E., Shaker Heights, Ohio. Strip take-up block. 2,198,276; Apr. 23.
Robinson, Frederick J., Detroit, Mich. Window frame construction. 2,192,775; Mar. 5.
Robinson, Frederick J., Detroit, Mich. Window frame construction. 2,192,776; Mar. 5.
Robinson, George A., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Filling apparatus. 2,189,018; Feb. 6.
Robinson, George K. (See Robinson, Guy O. and G. K.)
Robinson, Guy O. and G. K., Oakland, Calif. Detachable electric connector. 2,206,124; July 2.
Robinson, Hanson, Wayne, Pa. Toy or display device. 2,204,700; June 18.
Robinson, Hanson, Wayne, Pa. Toy multitone siren. 2,204,701; June 18.

Robinson, Harold A., assignor to The Dow Chemical Company, Midland, Mich. Treating Friedel-Crafts reaction liquors. 2,211,704; Aug. 13.
Robinson, Harold A., assignor to The Dow Chemical Company, Midland, Mich. Treatment of Friedel-Crafts reaction liquor. 2,211,705; Aug. 13.
Robinson, Harold C., Chicago, J. I. Bellamy, Brookfield, and M. L. Nelson, Park Ridge, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Stock quotation system. 2,192,242; Mar. 5.
Robinson, Harold C., and L. Johnston, Baltimore, Md., and M. L. Nelson, and C. P. Clare, Park Ridge, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Electrically controlled accounting system. 2,211,165; Aug. 13.
Robinson, Harold C., Chicago, J. I. Bellamy, Brookfield, and M. L. Nelson, Park Ridge, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Stock quotation system. 2,217,029; Oct. 8.
Robinson, Harry C., Chattanooga, Tenn. Display rack. 2,186,883; Jan. 9.
Robinson, Harry C., Chattanooga, Tenn. Display rack. 2,204,446; June 11.
Robinson, Harry G., Patton, Pa. License tag and frame holder therefor. 2,212,403; Aug. 20.
Robinson, Harry G., Stratford, Conn., assignor to American Chain & Cable Company, Inc., New York, N. Y. Adjustable water box for wet abrasive cutting machines. 2,201,408; May 21.
Robinson, Harry S., assignor to The French Oil Mill Machinery Co., Piqua, Ohio. Solvent extraction apparatus. 2,225,799; Dec. 24.
Robinson, Hilyard R., Washington, D. C., and A. J. C. Knudstrup, Vienna, Va. Combined direct and indirect light and lighting system. 2,205,310; June 18.
Robinson, Hugh D. (See Tabern, D. L., Moore, Robinson, Frye, and Rundell.)
Robinson, Hyman I., Philadelphia, Pa., assignor to Radio Corporation of America. Soundhead. 2,206,367; July 2.
Robinson, Hyman I., Philadelphia, Pa., assignor to Radio Corporation of America. Sound picture apparatus. 2,207,821; July 16.
Robinson, Jack, Wood River, assignor to Standard Oil Company, Chicago, Ill. Oil refining. 2,215,362; Sept. 17.
Robinson, Jack D., Snyder, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Producing nuclear alkyl derivatives of phenols. 2,205,951; June 25.
Robinson, James. (See Harrington, F. T., Twyman, and Robinson.)
Robinson, James, London, England. Retroactive valve apparatus. 2,190,243; Feb. 13.
Robinson, James, London, England. Wireless and like receiver. 2,193,843; Mar. 19.
Robinson, John, Seattle, Wash. Luggage cart. 2,188,578; Jan. 30.
Robinson, John C., Hutchinson, Kans. Bottle labeling device. 2,207,945; July 16.
Robinson, Joseph, New York, N. Y. Slack adjuster. 2,190,681; Feb. 20.
Robinson, Joseph, New York, N. Y. Electrical vaporizer. 2,197,840; Apr. 23.
Robinson, Joseph, New York, N. Y. Interchange device for automatic train pipe connectors. 2,209,350; July 30.
Robinson, Joseph, New York, N. Y. Electrical vaporizer. 2,226,582; Dec. 31.
Robinson, Joseph, New York, N. Y., assignor of one-half to R. M. Wolvin. Automatic train pipe connector. 2,188,922; Feb. 6.
Robinson, Joseph, New York, N. Y., assignor of one-half to R. M. Wolvin. Automatic train pipe connector and car coupler slack control means. 2,201,203; May 21.
Robinson, Joseph F., and V. H. King, Jr., San Francisco, Calif., assignors, by mesne assignments, to Cold Control Corporation. Refrigerating method and apparatus. 2,190,046; Feb. 13.
Robinson, L. C., et al. (See Darling, Louis H., assignor.)
Robinson Manufacturing Co. (See Dimm, C. R., and Avila, assignors.)
Robinson Manufacturing Co. (See Dimm, C. R., and Kahler, assignors.)
Robinson, Marion, Knoxville, Tenn. Hand thrown game element. 2,223,271; Nov. 26.
Robinson Packer Company. (See Fisher, Charles W., assignor.)
Robinson Packer Company, The. (See Jones, Clarence M., assignor.)
Robinson, Paul. (See Edgar, D. E., and Robinson.)
Robinson, Preston, Williamstown, assignor to Sprague Specialties Co., North Adams, Mass. Electrolytic device. 2,206,050; July 2.
Robinson, Preston, Williamstown, assignor to Sprague Specialties Company, North Adams, Mass. Electrolytic condenser. 2,206,430; July 2.
Robinson, Preston, Williamstown, assignor to Sprague Specialties Co., North Adams, Mass. Electrical condenser. 2,217,383; Oct. 8.
Robinson, Richard D. (See Cunningham, G. L., and Robinson.)
Robinson, Robert M., assignor of one-half to N. Klein, Philadelphia, Pa. Refrigerator window. 2,216,892; Oct. 8.
Robinson, Robert S., Chicago, Ill. Dice box. 2,191,160; Feb. 20.
Robinson, Roger T., Huntington Park, Calif. Recovering tin and steel from tin plate. 2,208,138; July 16.
Robinson, Samuel S., Passaic, N. J. Surfacing machine. 2,197,878; Apr. 23.
Robinson, Samuel S., Passaic, N. J. Paper laying machine. 2,197,879; Apr. 23.
Robinson & Steinman. (See London, Jacob, assignor.)
Robinson Tag & Label Company. (See Wilder, M. C., and Rockefeller, assignors.)
Robinson, Thomas, Smithtown, N. Y. Mixing apparatus and method of mixing. 2,215,976; Sept. 24.
Robinson, Thomas, Smithtown, assignor to Lancaster Processes Inc., New York, N. Y. Reclaimed rubber and producing the same. 2,221,490; Nov. 12.
Robinson, Thomas F., Kenilworth, England, assignor to General Electric Company. Ignition apparatus for internal combustion engines. 2,212,404; Aug. 20.
Robinson, Thomas R., Everett, Wash. Two-level edge guide. 2,196,326; Apr. 9.
Robinson, Vera E., Chicago, Ill. Tampon. 2,188,923; Feb. 6.
Robinson, Wallace W., Portland, Maine. Combined buckle and zonal wound compression plate. 2,185,571; Jan. 2.
Robinson, Walter, Long Island City, J. Westemeyer, Jr., Bronx, N. Y., and Charles O. Borloz, Bergen, N. J. Decorating fabrics and the like. 2,186,176; Jan. 9.
Robinson, William A., Washington, D. C. Combined sign and price card holder. 2,218,438; Oct. 15.
Robinson, William C., Sewickley, Pa., assignor to National Electric Products Corporation. Underfloor duct. 2,207,301; July 9.
Robinson, William C., Sewickley, and R. W. E. Moore, Mount Lebanon, Pa.; said Moore assignor to said Robinson. Electrical conductor. 2,222,555; Nov. 19.
Robinson, William C., Sewickley, Pa., and R. W. E. Moore, Riverdale, N. Y., assignors to National Electric Products Corporation. Electrical conductor. 2,222,556; Nov. 19.
Robinson, William E., Taft, Calif. Cracker or wafer holder. 2,189,450; Feb. 6.
Robinson, William R., Niles, Ohio. Gas generator. 2,213,074; Aug. 27.
Robinson, William W., Jr., Los Angeles, Calif., assignor to The Texas Company, New York, N. Y. Completing wells. 2,198,563; Apr. 23.
Robison, Daniel B., Oak Park, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system. 2,185,521; Jan. 2.
Robison, Hilton E., Mount Rainier, Md. Record interpreting projector. 2,223,334; Nov. 26.
Robison, Mary, Clarksburg, W. Va. Feather cleaner and fluffer. 2,210,600; Aug. 6.
Robison, Samuel C., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Dispensing container. 2,198,564; Apr. 23.
Robison, William M., Mount Holley, N. J. Oil supply indicating mechanism for internal combustion engines. 2,222,542; Nov. 19.
Robissa S. A. (See Issartel, J., and Robert, assignors.)
Robl, Rudolf, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline & Film Corporation. Vat dyestuffs and producing them. 2,210,041; Aug. 6.
Roblin, Richard O., Jr. (See Moore, L. P., and Roblin.)
Roblin, Richard O., Jr., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Dihydroaromatic cyanamides. 2,194,075; Mar. 19.
Roblin, Richard O., Jr., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Hydroaromatic cyanamides. 2,194,076; Mar. 19.
Roblin, Richard O., Jr., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Terpenyl cyanamides. 2,194,077; Mar. 19.
Roblin, Richard O., Jr., and J. P. English, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. 2-aminopyrimidines. 2,224,836; Dec. 10.
Roblin, Richard O., Jr., Stamford, and J. H. Williams, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparing acylamino nitro diphenyl sulphones. 2,227,400; Dec. 31.
Robot Products Corporation. (See Osuch, Francis J., assignor.)
Robson, Arthur D., New York, N. Y. Preparation for applying to the hair and skin preparatory to dry-shaving. 2,227,321; Dec. 31.
Robson, Charles G. (See Robson, Robert C. and C. G.)
Robson, Duer C. (See Johnson, F. V., Robson, and Seeley.)
Robson, Homer L., Lewiston, and H. D. Kaufmann, Niagara Falls, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Crushing soft heterogeneous material. 2,195,754; Apr. 2.
Robson, Homer L., and G. A. Petroe, Niagara Falls, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Production of calcium hypochlorite product. 2,195,755; Apr. 2.
Robson, Homer L., and G. A. Petroe, Niagara Falls, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Granular, dustless calcium hypochlorite product. 2,195,757; Apr. 2.

Robson, Homer L., and G. A. Petroe, Niagara Falls, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Production of calcium hypochlorite products. 2,219,660; Oct. 29.

Robson, Robert C., Juno, and C. G. Robson, La Grange, Tex. Windmill control. 2,218,051; Oct. 15.

Roby, Kenneth K., Minneapolis, and E. W. Borge, Richfield, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Winding coils. 2,214,384; Sept. 10.

Roby, Sheldon S., Meriden, assignor to The Stanley Works, New Britain, Conn. Apparatus for operating doors. 2,208,564; July 23.

Rocard, Yves, Paris, France, assignor to Compagnie Générale de Télégraphie Sans Fil. Radio beacon and radio guide. 2,206,644; July 2.

Rocard, Yves, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Amplifier and oscillator valve or tube. 2,226,945; Dec. 31.

Roccabruna, Henry, and L. Boschetto, Rock Springs, Wyo. Trap door for fish baskets. 2,222,375; Nov. 19.

Roche, Glenn H., South Gate, Calif. Weed burner. 2,190,175; Feb. 13.

Roche, Jean A., et al. (See Fraser, Kenneth G., assignor.)

Roché, Jean A., Dayton, Ohio. Tail wheel assembly. 2,213,967; Sept. 10.

Rochester Box & Lumber Co. (See Webb, Jesse H., assignor.)

Rochester Button Company. (See Broderson, Neil O., assignor.)

Rochester Manufacturing Co. (See Hastings, H., and Ford, assignors.)

Rocheville, Charles F., Long Beach, Calif. Combustion gas turbine. 2,222,183; Nov. 19.

Rochford, Katheryn E., Chicago, Ill. Heat radiation device. 2,197,593; Apr. 16.

Rochow, Arthur J., Pittsford, N. Y. Liquid mixing shaker. 2,208,431; July 16.

Rochow, Hans, Berlin-Lichterfelde, assignor to C. Lorenz Aktingesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Oscillatory circuits. 2,206,238; July 2.

Rochow, Hans, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. High frequency arrangement. 2,219,941; Oct. 29.

Röcić, Ivan, New York, N. Y. Container enclosure. 2,209,081; July 23.

Rock, George L., North Adams, Mich. Screw driver. 2,188,158; Jan. 23.

Rock, John P., Duluth, Minn. Collapsible luggage carrier. 2,204,824; June 18.

Rockbestos Products Corporation. (See Greenleaf, John W., assignor.)

Rockefeller, Harry E., New York, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Apparatus for joining metal members. 2,214,031; Sept. 10.

Rockefeller, John W., Jr. (See Wilder, M. C., and Rockefeller.)

Rockefeller, Robert J., Stroudsburg, assignor to The International Boiler Works Co., East Stroudsburg, Pa. Power boiler. 2,203,366; June 4.

Rockford Machine Tool Company. (See Jackson, Paul S., assignor.)

Rock Island Sash and Door Works. (See Huff, Gilbert L., assignor.)

Rockoff, Joseph, assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Manufacturing a printing roll. 2,185,738; Jan. 2.

Rock-Ola Manufacturing Corporation. (See Williams, Harry E., assignor.)

Rock-Ola Manufacturing Corporation. (See Smyth, Paul H., assignor.)

Rock-Ola Manufacturing Corporation. (See Vischer, Alfred, Jr., assignor.)

Rockstroh, Frederick C., Minneapolis, Minn. Valve operating mechanism. 2,192,454; Mar. 5.

Rockwell-Barnes Company. (See Salsman, Thomas J., assignor.)

Rockwell, Edward A., West Hartford, Conn. Variable speed transmission. 2,195,498; Apr. 2.

Rockwell, Edward A., West Hartford, Conn. Pressure accumulator apparatus. 2,197,772; Apr. 23.

Rockwell, Ross R., Binghamton, N. Y. Ice carrying bag. 2,192,628; Mar. 5.

Rockwood, Earl L., assignor to The De Vilbiss Company, Toledo, Ohio. Method and apparatus for drying hair. 2,188,924; Feb. 6.

Rockwood, George H., Jr., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gas-filled space discharge tube circuits. 2,188,159; Jan. 23.

Rockwood Sprinkler Company of Massachusetts. (See Russell, Robert H., assignor.)

Rodanet, Charles H. H., Neuilly-sur-Seine, assignor to Société Anonyme: Jaeger-Aviation, Levallois-Perret (Seine), France. Gyroscopic horizon allowing the reading of great longitudinal inclinations. 2,207,414; July 9.

Rodd, Robert J., Walton-on-Thames, England. Temporarily supporting drinking glasses, jars, and other containers. 2,220,285; Nov. 5.

Rodda, Edward J. (See Sims, W. O., and Rodda.)

Rodder, William, and E. A. Matteson, assignors to The Aetna Standard Engineering Company, Youngstown, Ohio. Automatic side guide for shear tables. 2,196,684; Apr. 9.

Roddewig, Gilbert F., assignor to Yellow Truck & Coach Manufacturing Company, Pontiac, Mich. Crankcase ventilation. 2,198,790; Apr. 30.

Rodefer Glass Company, The. (See Rodefer, H. H., and Vaupel, assignors.)

Rodefer, Howard H., and H. Vaupel, assignors to The Rodefer Glass Company, Bellaire, Ohio. Molding apparatus. 2,204,151; June 11.

Rodemeyer, Harry, Detroit, Mich. Hinge construction. 2,187,099; Jan. 16.

Rodenacker, Wolf, and E. Baumann, Wolfen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Apparatus for producing rayon stable fibers from continuous rayon filaments. 2,207,383; July 9.

Rodenbaugh, Donald I., Zanesville, Ohio. Protective system for furnace crowns. 2,217,384; Oct. 8.

Rodenberg, Louis B., Wyoming, Ohio, assignor to National Distillers Products Corporation, New York, N. Y. Chemical treatment in the manufacture of ethyl alcohol. 2,207,111; July 9.

Rodene, Walford S., Oskaloosa, Iowa. Heat actuated clip for holding cigarettes and the like. 2,203,745; June 11.

Roder, Hans, Schenectady, N. Y., assignor to General Electric Company. Grid bias modulated amplifier. 2,227,157; Dec. 31.

Röder, Karl, Hanover, Germany. Packing for steam turbines. 2,220,616; Nov. 5.

Rodgers, Karl F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Variable condenser. 2,192,986; Mar. 12.

Rodgers, Paul C., Glendale, Ohio. Gasholder. 2,211,516; Aug. 13.

Rodgers, Samuel R., New York, N. Y. Ice making machine. 2,221,847; Nov. 19.

Rodgers, Seymour B., Kilgore, Tex. Flow preventing pipe elevator. 2,224,657; Dec. 10.

Rodic Rubber Corporation. (See Dickey, Charles T., assignor.)

Rodin, Fritz J., Chatham Center, N. Y. Potato digging and harvesting machine. 2,209,282; July 23.

Rodin, Harry H., assignor of one-half to A. Jeney, Jr., Cleveland, Ohio. Universal automatic hitch. 2,210,007; Aug. 6.

Rodin, Harry H., assignor of one-half to A. Jeney, Jr., Cleveland, Ohio. Automatic tow bar. 2,210,008; Aug. 6.

Rodin, Harry H., assignor of one-half to A. Jeney, Jr., Cleveland, Ohio. Automatic towing and steering device. 2,212,480; Aug. 20.

Rodler, Waldo E., Davenport, Iowa. Locomotive. 2,225,713; Dec. 24.

Rodman, Clarence A., Detroit, Mich. Refrigerating and dispensing apparatus. 2,185,754; Jan. 2.

Rodman, Thomas E. (See Bates, S. E., Rodman, and Overmier.)

Rodocker, Ralph J., Wichita Falls, Tex. Fruit tree reproduction. 2,202,966; June 4.

Rodolfa, John, D., San Jose, Calif. Rotatable server. 2,198,091; Apr. 23.

Rodrigues, Octavius V., Fairfield, Conn., assignor to Magazine Repeating Razor Company, New York, N. Y. Blade magazine for razors. 2,202,468; May 28.

Rodriguez, Joseph M., Brooklyn, N. Y. Scooter brake. 2,200,935; May 14.

Rodriguez, Vincent L., Los Angeles, Calif. Nut cracking, grading, and kernel separating machine. 2,189,678; Feb. 6.

Rodwick, Frank, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Handle construction. 2,225,250; Dec. 17.

Roe, Chester M., Hasbrouck Heights, N. J. Producing a packing for stuffing boxes or the like. 2,191,807; Feb. 27.

Roe, Emmett J., Wichita, Kans., assignor of one-half to P. A. McKenna. Well packing device. 2,212,619; Aug. 27.

Roe, John A. (See Litz, R., and Roe.)

Roe, Ralph C., Englewood, N. J. Refrigeration. 2,201,099; May 14.

Roe, Ralph C., Englewood, assignor of one-half to S. W. Borden, Summit, N. J. Flue gas filter. 2,216,986; Oct. 8.

Roe, Reginald C., et al. (See Smith, Ralph J., assignor.)

Roe, William C., assignor to The Colson Corporation, Elyria, Ohio. Velocipede. 2,207,161; July 9.

Roeckner, Martin, and J. Severin, Mulheim-on-the-Ruhr, assignors to Deutsche Röhrenwerke Aktiengesellschaft, Dusseldorf, Germany. Tube rolling mill. 2,224,487; Dec. 10.

Roedding, Gordon E., assignor to Grand Rapids Brass Company, Grand Rapids, Mich. Latch. 2,203,341; June 4.

Roedels, George D., New York, N. Y., assignor to Bell Punch Company, Ltd., London, England. Admission ticket checking and dispensing apparatus. 2,200,123; May 7.

Roeder, Chester A., et al. (See Berg, Henry A., Jr., assignor.)

Roeder, Georg, assignor to Merck & Co. Inc., Rahway, N. J. Production of salts of ω-methyl choline and acyl derivatives thereof. 2,192,204; Mar. 5.
Roeder, George H., assignor to Bio Reduction Corporation, Brooklyn, N. Y. Decomposition of organic matter. 2,209,613; July 30.
Roeder, Paul, Brooklyn, N. Y., assignor to National Wiring & Protective Co., Inc. Tamper switch. 2,224,551; Dec. 10.
Roehm, Erwin G. (See Nenninger, L. F., and Roehm.)
Roehmer, Theodore G., Malverne, and E. S. Carmichael, Jackson Heights, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricant and method of lubrication. 2,203,507; June 4.
Roehner, Theodore G., Malverne, and C. N. Rill, Jackson Heights, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricant composition and lubrication. 2,223,272; Nov. 26.
Roehri, Carl, Chicago, Ill. Speed changing drive. 2,213,327; Sept. 3.
Roehrl, Bruno C., assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Self-sealing film roll for cameras. 2,188,779; Jan. 30.
Roelen, Otto. (See Heckel, H., and Roelen.)
Roelen, Otto, Oberhausen-Holten, Germany, assignor, by mesne assignments, to Hydrocarbon Synthesis Corporation, Linden, N. J. Production of paraffin. 2,225,487; Dec. 17.
Roelen, Otto, Oberhausen-Holten, and F. Hanisch, Duisburg-Hamborn, Germany, assignors, by mesne assignments, to Hydrocarbon Synthesis Corporation, Linden, N. J. Regeneration of spent catalysts. 2,215,885; Sept. 24.
Roemer, Fritz. (See Kränzlein, G., and Roemer.)
Roemer, Ralph R., Cleveland, Ohio. Wheel and making it. 2,220,284; Nov. 5.
Roemisch, Joseph L., Lyndhurst, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical connector apparatus. 2,221,556; Nov. 12.
Roesch & Associates, Inc. (See Roesch, R. G., and Carpenter, assignors.)
Roesch, Rudolph G., assignor to The Eraser Company, Inc., Syracuse, N. Y. Eraser. 2,210,432; Aug. 6.
Roesch, Rudolph G., and L. M. Carpenter, assignors to Roesch & Associates, Inc., Syracuse, N. Y. Electric heating device. 2,223,331; Nov. 26.
Roesch, Rudolph G., and L. M. Carpenter, assignors to Roesch and Associates, Inc., Syracuse, N. Y. Paint scraper. 2,212,197; Aug. 20.
Roesch, Stephen J. (See Myers, J. W., and Roesch.)
Roeseler, William L., Belton, Mont. Electric extension cord plug. 2,186,656; Jan. 9.
Roesner, Gerhard. (See von Girsewald, Conway, Baron, Roesner, and Barwasser.)
Roesner, Gerhard. (See von Girsewald, Conway, Baron, Roesner, and Wohlwill.)
Roessel, Louis O. E., Chappaqua, assignor of forty per cent to E. C. Gillette, New York, N. Y. Antiskidding device for automobiles. 2,201,632; May 21.
Roessler, Georg. (See Frankenburger, W., Hammerschmid, and Roessler.)
Roessner, John E. (See Campbell, Willard H., assignor.)
Roessner, William L., Denver, Colo., assignor to B. L. MacGregor, as trustee. Fire extinguisher. 2,195,826; Apr. 2.
Roessner, William L., Denver, Colo., assignor to B. L. MacGregor, as trustee. Fire extinguisher. 2,218,855; Oct. 22.
Roessner, William L., Denver, Colo., assignor to B. L. MacGregor, as trustee. Thermoresponsive fuse. 2,226,744; Dec. 31.
Roessner, William L., Chicago, Ill., assignor to B. L. MacGregor, as trustee. Retaining and suspending device. 2,218,856; Oct. 22.
Roessner, William L., Chicago, Ill., assignor to B. L. MacGregor, as trustee. Automatically operable projectile. 2,218,857; Oct. 22.
Roethel, John H., assignor to Marvel Equipment Corporation, Detroit, Mich. Fastening device. 2,199,347; Apr. 30.
Roff, Charles, et al. (See Leone, Henry, assignor.)
Roff, George E., Goodland, Kans. Animal trap. 2,217,136; Oct. 8.
Rogatchoff, Theodore, Baltimore, Md. Detecting cracks in crankpins and the like. 2,185,315; Jan. 2.
Roger, Henry, Sandy Hook, Conn. Projector. 2,195,425; Apr. 2.
Rogers, Almerin E., Fullerton, Calif. Belt tightener. 2,191,626; Feb. 27.
Rogers, Clifford R. (See Baker, D. B., Rogers, and Bechman.)
Rogers, Clifford R., Oak Park, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Bearing construction for track-type tractors. 2,225,233; Dec. 17.
Rogers, Clifford W. (See Doll, J. L., and Rogers.)
Rogers, Daniel D., assignor to Mower Driving Corporation, Columbia, S. C. Mower driving head. 2,214,777; Sept. 17.
Rogers, Donald A., Petersburg, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Production of phthalic anhydride. 2,219,333; Oct. 29.
Rogers, Donald A., Petersburg, Va., and F. Porter, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Production of urea from ammonia and carbon dioxide containing inerts. 2,214,068; Sept. 10.
Rogers, Gail S., Cuyahoga Falls, Ohio. Funnel. 2,197,987: Apr. 23.
Rogers, George D., Dover, N. J. Pouring spout. 2,225,660; Dec. 24.
Rogers, Harold W., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,186,839; Jan. 9.
Rogers, Harrison W. (See Moore, David P., assignor.)
Rogers, Harrison W., Sebring, Fla. Peeling apparatus. 2,224,235; Dec. 10.
Rogers, Harry T. (See Broderson, H. J., Rogers, and Hamblen.)
Rogers, Henry D., Richmond, Calif. Portable collapsible crane. 2,191,181; Feb. 20.
Rogers, James C., Big Spring, and J. D. Hall, Jr., Kilgore, Tex. Lateral drill mechanism. 2,198,016; Apr. 23.
Rogers, James C. and J. F., Rocky River, Ohio. Weather strip device. 2,199,860; May 7.
Rogers, James F. (See Rogers, James C. and J. F.)
Rogers, James J., Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 2,222,724; Nov. 26.
Rogers, John C., Oak Park, assignor to Crown Stove Works, Cicero, Ill. Cooking stove oven. 2,207,358; July 9.
Rogers, Joseph J. (See Kerr, E. O., and Rogers.)
Rogers, Kenneth S., Niles, Mich., deceased, Francis J. Miller, administrator, assignor, by mesne assignments, to Levant C. Rogers, Niles, Mich. Mop. 2,203,106; June 4.
Rogers, Kenneth S., Berrien Township, Berrien County, deceased; F. J. Miller, administrator, assignor, by mesne assignments, to L. C. Rogers, Niles, Mich. Cleaner. 2,221,557; Nov. 12.
Rogers, Leonard M., Mendon, assignor to Draper Corporation, Hopedale, Mass. Loom stop motion. 2,191,413; Feb. 20.
Rogers, Levant C. (See Rogers, Kenneth S., assignor.)
Rogers, Levant C. (See Williams, William E., assignor.)
Rogers, Stephen E., and A. L. Whiteley, Rugby, England, assignors to General Electric Company. Electric valve converting system. 2,190,523; Feb. 13.
Rogers, Thomas H., and V. Voorhees, Hammond, assignors, by mesne assignments, to Gasoline Antioxidant Company, Chicago, Ill. Motor fuel product. 2,191,204; Feb. 20.
Rogers, Ulysses G., Medicine Lodge, Kans. Water lift. 2,201,503; May 21.
Rogers, Walter F., Oak Park, assignor to Crown Stove Works, Cicero, Ill. Door of stoves and ranges. 2,208,871; July 23.
Rogers, Walter F., Oak Park, assignor to Crown Stove Works, Cicero, Ill. Range construction. 2,226,834; Dec. 31.
Rogers, Wayne C., assignor to Riley Stoker Corporation, Worcester, Mass. Separation of solids from gases. 2,221,385; Nov. 12.
Rogers, William A., Merrick, N. Y., assignor to S-M News Company Inc. Magazine stand. 2,192,243; Mar. 5.
Rogers, William J., Napa Calif. Indicator switch. 2,191,205; Feb. 20.
Rogers, William P., Pampa, Tex. Deep well drilling apparatus. 2,185,316; Jan. 2.
Rogerson, John B., El Dorado, Ark. Oil purification process. 2,194,269; Mar. 19.
Rogoff, Julian. (See Lee, M., and Rogoff.)
Rogoff, Julian, New York, N. Y., assignor to Burndy Engineering Co. Inc. Wire connector. 2,209,933; July 30.
Rogoff, Julian, New York, N. Y., assignor to Burndy Engineering Co. Inc. Wire splicer. 2,215,072; Sept. 17.
Rogowski, Walter, Aachen-Siegel, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Cold cathode tube. 2,210,127; Aug. 6.
Rogowski, Walter, Aachen-Siegel, and P. Deserno, Berlin, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Cathode ray tube. 2,196,838; Apr. 9.
Rogus, John L., Hazleton, Pa. Mechanical rosary. 2,187,664; Jan. 16.
Rohde, Lothar, Munich, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. High-frequency voltmeter for high voltages. 2,199,757; May 7.
Rohland, Curt J., Seekonk, Mass., assignor to Paul-Rohland, Inc. Mandrel for a printing plate. 2,210,500; Aug. 6.
Rohland, Curt J., Seekonk, Mass., assignor to The Gyro-Graphic Corporation, Providence, R. I. Wire printing device. 2,211,792; Aug. 20.
Rohland, Curt J., Seekonk, Mass., assignor to The Gyro-Graphic Corporation, Providence, R. I. Printing machine for lengths of material. 2,211,793; Aug. 20.
Rohland, Curt J., Seekonk, Mass., assignor to The Gyro-Graphic Corporation, Providence, R. I. Printing ring. 2,211,794; Aug. 20.
Rohland, Curt J., Seekonk, Mass., assignor to Paul-Rohland, Inc. Printing plate. 2,213,568; Sept. 3.

Rohland, Curt J., Seekonk, Mass., assignor to Paul-Rohland, Inc. Printing apparatus. 2,213,569; Sept. 3.
Rohland, Curt J., Seekonk, Mass., assignor to Paul-Rohland, Inc. Golf apparatus. 2,213,570; Sept. 3.
Rohland, Werner. (See Koeberle, K., Rohland, and Steigerwald.)
Rohland, Werner. (See Berthold, E., and Rohland.)
Rohlfes, Clemens, San Francisco, Calif. Price marking device. 2,202,268; May 28.
Rohlin, Karl W., Dover, Del. Internal combustion motor. 2,186,043; Jan. 9.
Rohlin, Victor A., assignor to Cochrane Corporation, Philadelphia, Pa. Water purifying and degasifying apparatus. 2,210,151; Aug. 6.
Rohm, Alfred, Leverkusen-I. G. Werk, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. Mixed urea. 2,226,835; Dec. 31.
Röhm & Haas Company. (See Andrews, C. E., and Fenske, assignors.)
Röhm & Haas Company. (See Bauer, W., and Esser, assignors.)
Röhm & Haas Company. (See Bauer, W., and Trommsdorff, assignors.)
Röhm & Haas Company. (See Bock, Louis H., assignor.)
Röhm & Haas Company. (See Bock, L. H., and Houk, assignor.)
Röhm & Haas Company. (See Bruson, Herman A., assignor.)
Röhm & Haas Company. (See Bruson, H. A., and Eastes, assignors.)
Röhm & Haas Company. (See Bruson, H. A., and Kroeger, assignors.)
Röhm & Haas Company. (See Bruson, H. A., and McCleary, assignors.)
Röhm & Haas Company. (See Grimm, O., and Rauch, assignors.)
Röhm & Haas Company. (See Hester, William F., assignor.)
Röhm & Haas Company. (See Horsfall, J. G., (and Suit assignor.).)
Röhm & Haas Company. (See Hurd, Loren C., assignor.)
Röhm & Haas Company. (See Kautter, C. T., and Gräfe, assignors.)
Röhm & Haas Company. (See Ludwig, Oskar R., assignor.)
Röhm & Haas Company. (See Meitzner, Erich F., assignor.)
Röhm & Haas Company. (See Murphy, Donald F., assignor.)
Röhm & Haas Company. (See Powers, D. H., Bock, and Houk, assignors.)
Röhm & Haas Company. (See Röhm, O., and Bauer, assignors.)
Röhm & Haas Company. (See Russell, A., and Copenhaver, assignors.)
Röhm & Haas Company. (See Smith, Earl W., assignor.)
Röhm & Haas Company. (See Spence, Le Roy U., assignor.)
Röhm & Haas Company. (See Spence, Le R. U., and Mitchell, assignors.)
Röhm & Haas Company. (See Stiasny, Edmond, assignor.)
Röhm & Haas Company. (See Thackston, William J., assignor.)
Röhm & Haas Company. (See Trommsdorff, Ernst, assignor.)
Röhm & Haas Company. (See Walker, H. B., and McWherter, assignors.)
Röhm & Haas Company. (See Widmer, G., and Klein, assignors.)
Röhm, Otto, Darmstadt, Germany. Preparing hides using mold tryptases, and a neutral to weakly acid reaction. 2,215,055; Sept. 17.
Röhm, Otto, and W. Bauer, Darmstadt, Germany, assignors to Röhm & Haas Company, Philadelphia, Pa. Glass substitute and process of preparing. 2,193,742; Mar. 12.
Rohn, Wilhelm. (See Hessenbruch, W., and Rohn.)
Rohn, Wilhelm, Hanau, Germany. Bearing. 2,205,049; June 18.
Rohner, Charles A. (See Schultz, E., and Rohner.)
Rohr, Fred H., Mission Beach, assignor to The Ryan Aeronautical Co., San Diego, Calif. Universal tube joint. 2,219,752; Oct. 29.
Rohr, Frederick H., Mission Beach, assignor of one-half to The Ryan Aeronautical Co., San Diego, Calif. Drill bushing device. 2,210,128; Aug. 6.
Rohr, Henry C. (See Hutchins, W. H., and Rohr.)
Rohr, Henry C., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Oil burner control thermomagnetic switch. 2,195,633; Apr. 2.
Rohrbacher, Karl, Berlin, Germany. Manufacture of paper bags. 2,202,431; May 28.
Rohrer, John M., Orwigsburg, Pa. Apparatus for making shoes. 2,212,552; Aug. 27.
Rohrer, John M., Orwigsburg, Pa. Apparatus for pulling over shoe uppers. 2,212,553; Aug. 27.
Rohrich, Harold A., and C. A. Nielsen, Alton, Ill., assignors to Owens-Illinois Glass Company. Power transmitting apparatus. 2,194,368; Mar. 19.
Röhrich, Karl. (See Runge, W., and Röhrich.)
Rohrick, Harold A. (See Benoit, J. P., Kinker, Allen, Rohrick, and Schreiber.)
Roisum, Palmer B., Elkins Park, Pa. Tool. 2,194,234; Mar. 19.
Rojahn, Frederick C., New York, N. Y. Safety razor. 2,225,020; Dec. 17.
Roko Corporation. (See Coberly, Clarence J., assignor.)
Rokol, Frank, Chicago, Ill. Market basket. 2,218,360; Oct. 15.
Roland, Heinrich, Berlin-Steglitz, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Gyroscope. 2,207,875; July 16.
Roland, Heinrich, Berlin-Steglitz, and J. Thiry, Berlin-Charlottenburg, assignors to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Automatic gyroscopic control apparatus for vehicles. 2,197,898; Apr. 23.
Roland, Heinrich, Berlin-Steglitz, B. Schnapperelle, Berlin-Zehlendorf, and F. Lauck, Lubeck-Travemunde, assignors to Siemens Apparate und Maschinen Gesellchaft mit beschrankter Haftung, Berlin, Germany. Gyro, and more particularly directional gyro for navigation or vehicle control purposes. 2,219,964; Oct. 29.
Rol-A-Way Truck Company. (See Knapp, David R., assignor.)
Rolfes, Bernhard, Niederscheld, Germany. Kitchen stove. 2,224,316; Dec. 10.
Rolfsen, Ole, Mjondalen, Norway. Draft sintering apparatus. 2,193,698; Mar. 12.
Rolkern, Retlo, San Leandro, Calif. Washing machine. 2,193,495; Mar. 12.
Roll, Frederick. (See Wetmore, G., and Roll.)
Roll, Walter H., Linden, N. J. Mowing machine. 2,186,126; Jan. 9.
Rolland, Guy F. (See Large, S. B., and Rolland.)
Roller Bearing Company of America. (See Smith, S., and Trainer, assignors.)
Roller-Smith Company. (See Wood, Joseph D., assignor.)
Rollings, Vernon A., Terre Haute, Ind. Motion-picture projection. 2,200,681; May 14.
Rollings, William S., West Newton, Pa. Antiskid device. 2,212,076; Aug. 20.
Rollins, Leon F., Houston, Tex. Well flow controlling device. 2,185,522; Jan. 2.
Rollman, Martin, W. A. Maddox, and H. M. S. Binns, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Heat treating. 2,220,002; Oct. 29.
Rollo, John E., Denver, Colo. Extensible vehicle body. 2,225,319; Dec. 17.
Rolls-Royce Limited. (See Ellor, James E., assignor.)
Roll-Tainer (Proprietary) Limited. (See Cherné, Abraham, assignor.)
Roloff, Arthur L., assignor to Garden City Envelope Co., Chicago, Ill. Sheet mutilating apparatus. 2,215,073; Sept. 17.
Roloson, Ruby R., Brady, Tex. Vehicle body. 2,202,747; May 28.
Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Luminaire. 2,186,079; Jan. 9.
Rolscreen Company. (See Kuyper, Peter H., assignor.)
Rolston, William A., Baton Rouge, La. Method of clarification. 2,195,739; Apr. 2.
Rolstone, Alfred S. G., London, England. Handle for mattresses. 2,194,407; Mar. 19.
Romaine, Hallie C., Saginaw, Mich. Flush valve actuating device. 2,217,320; Oct. 8.
Romaine, Millard, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Broaching machine. 2,203,798; June 11.
Romaine, Millard, and W. Trible, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Broaching machine. 2,194,568; Mar. 26.
Romaine, Millard, A. H. Hawley, and H. Horlacher, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Broaching machine. 2,205,277; June 18.
Romanelli, Lina. (See Brichieri-Colombi, L., Zappuli, and Romanelli.)
Romano, Frank, Weatherly, Pa. Clothespin. 2,215,336; Sept. 17.
Romano, Joseph, West Suffield, Conn. Tilting raft. 2,226,911; Dec. 31.
Romanoff, Hippolyte W., New York, N. Y. Interlocked structure. 2,191,161; Feb. 20.
Romanoff, Hippolyte W., assignor to Alexander Schwartz, New York, N. Y. Making toilet seats. 2,221,006; Nov. 12.
Romanoff, John, assignor to Jones' Pies, Inc., Elizabeth, N. J. Piecrust crimping device. 2,198,705; Apr. 30.
Romanoff, Vladimir. (See Soubbotin, I., and Romanoff.)
Romanski, Henry, New Orleans, La. Refrigeration. 2,204,382; June 11.
Romanus, Harald A. R., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Burglar alarm system. 2,220,427; Nov. 5.
Romberg, Felix B., Holland, Tex. Process and apparatus for separating nut meats and shells. 2,216,050; Sept. 24.
Romberger, Arthur V., South Pasadena, Calif. Foot pedal assembly. 2,199,963; May 7.
Rome Specialty Company, Inc. (See Spriggs, E. L., and Butts, assignors.)
Romeike, Rudolf. (See Johnske, F., and Romeike.)
Romeo, Charles P., Rosindale, Mass. Table with concealed extension leaf. 2,195,682; Apr. 2.

Romig, Gerald C., Melrose, assignor to American Chemical Paint Company, Ambler, Pa. Coating metal surfaces with a water insoluble metallic phosphate. 2,186,177; Jan. 9.
Romig, John W. (See Newman, R. C., and Romig.)
Rommler, H., Aktiengesellschaft. (See Fuchs, Anton, assignor.)
Romort Manufacturing Company. (See Ewald, Arno A., assignor.)
Romp, Johan, Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Making wire-drawing dies. 2,216,652; Oct. 1.
Ronay, Bela, Annapolis, Md. Welding joint and chill ring therefor. 2,188,925; Feb. 6.
Ronci, Fernando M., Providence, R. I. Buckle fastener. 2,215,194; Sept. 17.
Ronci, Fernando M., Providence, R. I. Buckle fastener. 2,215,195; Sept. 17.
Ronci, Victor L. (See Clark, J. E., Ekstrand, and Ronci.)
Roney, Edward A., and J. E. Mangine, Oakland, Calif. Building tile construction. 2,187,329; Jan. 16.
Roney, L. C., Inc. (See Evleth, Earl M., assignor.)
Ronitz, George. (See Akau, George H., assignor.)
Ronk, George T., Lanark, Ill. Truck. 2,185,750; Jan. 2.
Ronk, George T., Lanark, Ill. Railway and highway trailer. 2,186,593; Jan. 9.
Ronk, George T., Cedar Rapids, Iowa. Combination railway and highway car. 2,215,886; Sept. 24.
Ronkin, Nathan, Elizabeth, N. J. Umbrella. 2,200,897; May 14.
Ronning, Adolph, Minneapolis, Minn. Window stay. 2,195,426; Apr. 2.
Ronning, Adolph, Minneapolis, Minn. Drain. 2,199,673; May 7.
Ronning, Adolph, Minneapolis, Minn. Cultivator. 2,199,674; May 7.
Ronning, Adolph, Minneapolis, Minn. Drain. 2,199,675; May 7.
Ronning, Adolph, Minneapolis, Minn. Flatiron. 2,200,455; May 14.
Ronning, Adolph, Minneapolis, Minn. Door catch. 2,203,580; June 4.
Ronning, Adolph, Minneapolis, Minn. Vehicle steering truck. 2,208,599; July 23.
Ronning, Adolph, Minneapolis, Minn. Vehicle steering device. 2,208,600; July 23.
Ronning, Adolph, Minneapolis, Minn. Steerable vehicle truck. 2,208,601; July 23.
Ronning, Adolph, Minneapolis, Minn. Tractor wheel suspension. 2,209,093; July 23.
Ronning, Adolph, Minneapolis, Minn. Vehicle wheel suspension. 2,209,094; July 23.
Ronning, Adolph, Minneapolis, Minn. Vehicle suspension. 2,209,095; July 23.
Ronning, Adolph, Minneapolis, Minn. Boat propulsion apparatus. 2,213,609; Sept. 3.
Ronning, Adolph, Minneapolis, Minn. Boat propulsion apparatus. 2,213,610; Sept. 3.
Ronning, Adolph, Minneapolis, Minn. Boat propelling and stabilizing apparatus. 2,213,611; Sept. 3.
Ronning, Adolph, Minneapolis, Minn. Boat propulsion apparatus. 2,213,612; Sept. 3.
Ronning, Adolph, Minneapolis, Minn. Window stay. 2,217,079; Oct. 8.
Ronning, Adolph, Minneapolis, Minn. Steerable vehicle truck. 2,217,816; Oct. 15.
Ronning, Adolph, Minneapolis, Minn. Vehicle supporting device. 2,217,817; Oct. 15.
Ronning, Adolph, Minneapolis, Minn. Steerable vehicle truck. 2,217,818; Oct. 15.
Ronning, Adolph, Minneapolis, Minn. Mounting for vehicle wheels. 2,222,857; Nov. 26.
Ronning, Henry O. (See Cullen, H. E., and Ronning.)
Ronning, Martin, St. Louis Park, assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Cutter guard for harvesters. 2,226,583; Dec. 31.
Ronzone, David B., Jamaica, N. Y., assignor to P. A. Parker, Rocky Mount, N. C. Building unit. 2,209,283; July 23.
Roof, Ralph H., Tulsa, Okla. Double-door-operating device. 2,206,051; July 2.
Rook, Albert F., Springfield, N. Y. Stopper. 2,199,964; May 7.
Rook, Clay H. (See Rook, James A. and C. H.)
Rook, James A. and C. H., Los Angeles, Calif. Combination sheet and pillowcase. 2,217,819; Oct. 15.
Rooker, William A., Martinsburg, W. Va. Manufacture of preserves. 2,186,044; Jan. 9.
Roon, Leo, South Orange, N. J., assignor to Roxalin Flexible Lacquer Company, Incorporated. Cigarette. 2,217,527; Oct. 8.
Rooney, Elwin H., Buttonwoods, R. I. Drafting and spinning mechanism. 2,223,875; Dec. 3.
Rooney, James H., and B. Shaw, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of artificial textile and other materials. 2,188,160; Jan. 23.
Rooney, James H., and P. R. Hawtin, Spondon, near Derby, England, assignors to Celanese Corporation of America. Apparatus and process for making decorative films. 2,207,822; July 16.
Rooney, James H., A. J. Daly, and W. G. Lowe, Spondon, near Derby, England, assignors to Celanese Corporation of America. Films and other materials impermeable to ultra-violet radiation. 2,209,419; July 30.
Rooney, John, Chicago, Ill. Optical device. 2,209,579; July 30.
Rooney, T. R. (See Sauer, Chis H., assignor.)
Rooney, Walter E. (See Paynter, H. J., and Rooney.)
Rooney, Walter E., Bellingham, Wash., assignor to American Can Company, New York, N. Y. Fish-canning machine. 2,226,019; Dec. 24.
Roos, Carlisle K., Wheaton, and H. N. Huntzicker, Evanston, assignors to United States Gypsum Company, Chicago, Ill. Plaster retarder. 2,208,565; July 23.
Roos, Edward, River Forest, Ill. Shipping container. 2,192,666; Mar. 5.
Roos, Hans. (See Rabe, P., and Roos.)
Roos, Hans, Leverkusen-I. G.-Werk, Rhine, Germany, assignor to General Aniline & Film Corporation. Azo dyestuffs. 2,192,153; Feb. 27.
Roos, Hans, Leverkusen-I. G. Werk, Germany, assignor to General Aniline & Film Corporation, a corporation of Delaware. Azo dyestuffs. 2,196,028; Apr. 2.
Roos, Hans, Leverkusen-I. G. Werk, Germany, assignor to General Aniline & Film Corporation. Azo dyestuffs. 2,200,040; May 7.
Roos, Wendel V., New York, N. Y. Hermetically sealed automatic closure for collapsible tubes and the like. 2,188,191; Jan. 23.
Roose, Cyriel. (See Sherman, A. G., Jackson, and Roose.)
Roosen, Richard, U. Barske, and H. Carl, assignors to Henschel & Sohn, Gesellschaft mit Beschränkter Haftung, Kassel, Germany. Individual axle drive for rail vehicles. 2,219,081; Oct. 22.
Roosenstein, Hans O., Berlin-Tempelhof, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio frequency distribution system. 2,203,746; June 11.
Roosenstein, Hans O., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Signaling system. 2,227,108; Dec. 31.
Roosenstein, Hans O., and G. Paffrath, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray tube deflection system. 2,195,470; Apr. 2.
Roosenstein, Hans-Otto, and M. Geiger, assignors to Telefunken Gesellschaft fur Drahtlose Telegraphie m. b. H., Berlin, Germany. Signaling apparatus. 2,194,456; Mar. 19.
Root, A. I., Company, The. (See Rau, Karl, assignor.)
Root, A. I., Company, The. (See Root, H. H., and Rau, assignors.)
Root, B. M., Co. (See Wheeler, Lloyd G., assignor.)
Root, Carleton H. (See Graff, J. H., and Root.)
Root, Charles F., assignor to The Chandler & Price Company, Cleveland, Ohio. Sheet feeding mechanism for printing presses. 2,210,258; Aug. 6.
Root, Charles S., Bridgeport, Conn., assignor to General Electric Company. Amplifier. 2,215,439; Sept. 17.
Root, Charles S., Stratford, Conn., assignor to General Electric Company. Amplifier. 2,226,074; Dec. 24.
Root, Edward L., East Orange, N. J., assignor to Celluloid Corporation. Safety guard. 2,201,244; May 21.
Root, Huber H., and K. Rau, assignors to The A. I. Root Company, Medina, Ohio. Light device. 2,188,797; Jan. 30.
Root, Lynott B. (See Hammond, F., and Root.)
Roots-Connersville Blower Corporation. (See Brady, Francis E., assignor.)
Roots-Connersville Blower Corporation. (See Hassler, Ernest C., assignor.)
Roots-Connersville Blower Corporation. (See Houghton, Carl R., assignor.)
Roper, Geo. D., Corporation. (See Hobson, Stanley H., assignor.)
Roper, Geo. D., Corporation. (See Larson, Swan E., assignor.)
Roper, John M., Washington, D. C. Reflection elimination device. 2,200,300; May 14.
Roper, William G., assignor of one-half to A. S. Taylor, Birmingham, Ala. Cover holder for cigar boxes. 2,210,042; Aug. 6.
Ropohl, Franz, Cologne-Ehrenfeld, Germany. Electrical musical instrument. 2,215,056; Sept. 17.
Ropp, Chester A., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Bottled beverage dispensing apparatus. 2,193,239; Mar. 12.
Ropp, Franklin N., assignor to Soulé Steel Company, Los Angeles, Calif. Rocker support for building structures and the like. 2,208,872; July 23.
Rorden, Harold L., Barberton, assignor to The Ohio Brass Company, Mansfield, Ohio. Bushing insulator. 2,188,417; Jan. 30.
Rorden, Harold L., Barberton, assignor to The Ohio Brass Company, Mansfield, Ohio. Bushing insulator. 2,209,003; July 23.
Rosa, Anthony G., Lyndhurst, N. J. Letter opener. 2,224,162; Dec. 10.
Rosaire, Esme E. (See Horvitz, Leo, assignor.)
Rosaire, Esme E., and L. Horvitz, Houston, Tex.; said Horvitz assignor to said Rosaire. Geophysical prospecting method. 2,192,525; Mar. 5.
Rosaire, Esme E., and S. S. West, Houston, Tex.; said West assignor to said Rosaire. Geophysical exploration by time-variant electric currents. 2,200,096; May 7.

Rosander, A. E., et al. (See Johnson, Carl W., assignor.)
Rosander, Edith C., et al. (See Johnson, Carl W., assignor.)
Rosby, John, Spokane, Wash. Lighter. 2,212,353; Aug. 20.
Rosch, Arthur, Brieselang, near Nauen, Germany, assignor to General Electric Company. Elastic fluid turbine power plant. 2,197,651; Apr. 16.
Rösch, Georg, Cologne-Deutz, Germany, assignor to General Aniline & Film Corporation. Benzanthrone derivatives. 2,199,575; May 7.
Roscoe, Edwin S., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Apparatus for applying tabs to cards and the like. 2,210,433; Aug. 6.
Rose, Albert. (See Iams, H. A., and Rose.)
Rose, Albert, East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Television transmitting tube. 2,213,173; Aug. 27.
Rose, Albert, East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Television transmitting tube. 2,213,174; Aug. 27.
Rose, Albert, East Orange, N. J., assignor to Radio Corporation of America. Television transmitting tube. 2,213,176; Aug. 27.
Rose, Albert, East Orange, N. J., assignor to Radio Corporation of America. Image converter tube. 2,213,180; Aug. 27.
Rose, Albert, East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Cathode ray tube. 2,214,973; Sept. 17.
Rose, Albert E., deceased, by M. E. Rose, administratrix, Lakeland, Fla. Apparatus for molding tile. 2,188,726; Jan. 30.
Rose, Alexander D., and W. A. Yonkers, assignors to Jas. P. Marsh Corporation, Chicago, Ill. Air venting apparatus. 2,224,929; Dec. 17.
Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Turf-piercing machine. 2,206,264; July 2.
Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Wrapping of cigarettes and other articles. 2,225,888; Dec. 24.
Rose, Ambrose, Jr., Lawrenceville, Ill. Game. 2,207,638; July 9.
Rose Brothers (Gainsborough) Limited. (See Rose, Alfred G., assignor.)
Rose, Carl G. (See Boyer, J. A., and Rose.)
Rose, Carl, Belle Glade, assignor of one-half to G. N. Allison, Miami, Fla. Ventilator wall and window blocks. 2,216,420; Oct. 1.
Rose, Edward J., assignor of one-third to R. J. Miars and one-third to C. L. Richardson, Wilmington, Ohio. Drop-bottom mine car. 2,225,462; Dec. 17.
Rose, Edward J., assignor of one-third to R. J. Miars and one-third to C. L. Richardson, Wilmington, Ohio. Mine car door operating mechanism. 2,225,463; Dec. 17.
Rose, Edwin L., Watertown, assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,210,129; Aug. 6.
Rose, Edwin L., Watertown, assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,213,968; Sept. 10.
Rose, Edwin L., Watertown, assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,216,987; Oct. 8.
Rose, Edwin L., Watertown, assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,221,412; Nov. 12.
Rose, Edwin L., Watertown, and C. E. Grosser, assignors to The Waterbury Tool Company, Waterbury, Conn. Pump or motor. 2,206,305; July 2.
Rose, Edwin L., and W. M. Gilman, Watertown, and C. E. Grosser, assignors to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,210,130; Aug. 6.
Rose, Eustace L., Charleston, W. Va., Hydraulic transmission mechanism. 2,198,515; Apr. 23.
Rose, Eustace L., Charleston, W. Va. Hydraulic transmission. 2,226,481; Dec. 24.
Rose, Harm C., Franklin Nebr. Electric contact device. 2,185,950; Jan. 2.
Rose, Herbert A., Leonia, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric device. 2,214,596; Sept. 10.
Rose, Herman R., and A. G. Swartz, assignors to Climax Radio & Television Co., Inc., Chicago, Ill. Combined antenna and power cord. 2,218,830; Oct. 22.
Rose, Howard, Company. (See Kaloft, Sigurd, assignor.)
Rose, Howard J., New Rochelle, and B. Eschenbach, Chappaqua, N. Y. Ice cube dispensing device for refrigerators. 2,212,405; Aug. 20.
Rose, John D. (See Evans, J. G., Piggott, Reynolds, Rose, and Walker.)
Rose, John D. (See Piggott, H. A., and Rose.)
Rose, Lawrence J., St. Louis, Mo. Adjustable curtain bracket. 2,185,385; Jan. 2.
Rose, Leslie. (See Givens, J. H., Biddulph, and Rose.)
Rose, Leslie, Coventry, assignor to Courtaulds, Limited, London, England. Manufacture and production of artificial filaments from viscose. 2,227,367; Dec. 31.
Rose, May E., administratrix. (See Rose, Albert E.)
Rose Patch & Label Co. (See Rosenthal, Arthur, assignor.)
Rose, Thomas B. (See Hill, H., and Rose.)
Rose, Walter J., Newton, and A. L. Paradis, Cambridge, Mass. Oil burner. 2,217,995; Oct. 15.
Rose, William G., Springfield Township, Hamilton County, Ohio. Poison holder for rodents. 2,205,125; June 18.
Rose, William H. Jersey City, N. J. Dispenser top for containers. 2,185,608; Jan. 2.
Rose, William H., Jersey City, N. J., assignor to Stanco Incorporated. Container for pulverulent materials. 2,185,227; Jan. 2.
Rose, William O., Wyandotte, Mich. Starter drive. 2,199,714; May 7.
Rosebaugh, Theodore W., Oakland, assignor to Shell Development Company, San Francisco, Calif. Purification of organic compounds. 2,192,489; Mar. 5.
Rosebush, Waldo E., Millwood, Wash. Folding, stuffing, and sealing machine. 2,208,345; July 16.
Roseby, Philip N., Liverpool, England, assignor to Associated Telephone and Telegraph Company, Chicago, Ill. Electrical switch. 2,188,519; Jan. 30.
Roseby, Philip N., Woodvale, near Southport, England, assignor to Associated Telephone & Telegraph Company, Chicago, Ill. Electrical switching device. 2,224,697; Dec. 10.
Roseby, Philip N., Woodvale, near Southport, England, assignor to Associated Telephone & Telegraph Company, Chicago, Ill. Telephone system. 2,224,698; Dec. 10.
Rosefield, Joseph L. (See McCoy, T., and Rosefield, Joseph L., and M.)
Rosefield, Joseph L., Alameda, Calif. Self-sustaining visible display merchandise container. 2,192,716; Mar. 5.
Rosefield, Marvin. (See McCoy, T., Rosefield, Joseph L., and M.)
Roselius, Louis W., New York, and A. F. Peropat, assignors to S. & S. Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Feed roller. 2,199,270; Apr. 30.
Roseman, Richard J., Newark, N. J. Auxiliary slider for slide operated fasteners. 2,224,930; Dec. 17.
Roseman, Zoltan, and A. Roth, assignors to V. R. Saunt, Cleveland, Ohio. Damper control. 2,216,101; Sept. 24.
Rosen, Abraham W., New York, N. Y. Clamping means for mirrors for motor vehicles. 2,191,085; Feb. 20.
Rosen, Abraham W., New York, N. Y. Universal mirror support for motor vehicles. 2,213,051; Aug. 27.
Rosen, Albert, Seattle, Wash. Luggage and mechanism to make the same. 2,218,052; Oct. 15.
Rosen, Harry, Cleveland, Ohio. Extension studio couch. 2,189,328; Feb. 6.
Rosen, Jacob J. (See Metrick, S., and Rosen.)
Rosen, Maurice S., assignor to Anne Walters, New York, N. Y. Loom apparatus. 2,202,924; June 4.
Rosen, Oscar E., Detroit, Mich. Tracer for duplicating machines. 2,216,924; Oct. 8.
Rosen, Raphael. (See Wiezevich, P. J., and Rosen.)
Rosen, Raphael, Cranford, N. J., assignor to Standard Oil Development Company. Heavy metal salts of thioether carboxylic acids. 2,216,751; Oct. 8.
Rosen, Raphael, Elizabeth, N. J., assignor to Standard Oil Development Company. Recovery of sulphur. 2,195,870; Apr. 2.
Rosen, Raphael, Elizabeth, N. J., assignor to Standard Oil Development Company. Lube oil addition agents. 2,199,187; Apr. 30.
Rosen, Raphael, Elizabeth, N. J., assignor to Standard Oil Development Company. Plastic composition. 2,201,871; May 21.
Rosen, Raphael, Elizabeth, N. J., assignor to Standard-I. G. Company. Improving knock rating of naphthas. 2,202,401; May 28.
Rosen, Raphael, Elizabeth, N. J., assignor to Standard Oil Development Company. Motor fuel composition. 2,205,107; June 18.
Rosen, Raphael, Elizabeth, N. J., assignor to Standard Oil Development Company. Plastic compositions. 2,205,108; June 18.
Rosen, Raphael, Elizabeth, N. J., assignor to Standard Oil Development Company. Stabilized lubricating oil composition. 2,216,752; Oct. 8.
Rosen, Raphael, Elizabeth, N. J., assignor to Standard Oil Development Company. Voltolization process and products thereof. 2,220,287; Nov. 5.
Rosen, Samuel S. (See Anderson, W. J., and Rosen.)
Rosén, Victor H., Chicago, Ill. Decorative laminated safety structure. 2,193,207; Mar. 12.
Rosenbach, Johann. (See Balle, G., Rosenbach, and Dittus.)
Rosenbach, Johann. (See Daimler, K., Platz, Bücking, and Rosenbach.)
Rosenbach, Johann. (See Orthner, L., Balle, Rosenbach, and Bonstedt.)
Rosenbach, Johann. (See Steindorff, A., Balle, Horst, and Rosenbach.)
Rosenbach, Johann. (See Steindorff, A., Platz, and Rosenbach.)
Rosenbalm, John E. (See Tally, Carl E., assignor.)
Rosenbaum, Kurt, Friedrich-Alfred-Hutte, Rheinhausen, assignor to Fried. Krupp, Grusonwerk, Aktiengesellschaft, Magdeburg, Buckau, Germany. Rolling mill. 2,211,386; Aug. 13.
Rosenberg, Adolph H., Clayton, assignor to Safetee Torpedo Corporation, St. Louis, Mo. Track-torpedo package. 2,208,873; July 23.

Rosenberg, Albert L., Oaklyn, N. J., assignor to Radio Corporation of America. Electrical testing system. 2,203,878; June 11.
Rosenberg, Benjamin F., assignor to Scully-Jones & Company, Chicago, Ill. Making a drill sleeve. 2,206,292; July 2.
Rosenberg, Bernard, Peekskill, assignor to Cameo Curtains, Inc., New York, N. Y. Crisscross curtain assembly. 2,200,041; May 7.
Rosenberg, Emanuel, Weiz, Styria, assignor to "Elin" Aktiengesellschaft für Elektrische Industrie, Vienna, Austria. Securing correct polarity of generators. 2,207,304; July 9.
Rosenberg, George, New York, N. Y. Window construction. 2,201,126; May 14.
Rosenberg, H. Everett. (See Whetstine, Jesse E., assignor.)
Rosenberg, Hans R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing 7-dehydrosteroid compounds. 2,209,934; July 30.
Rosenberg, Hans R., Wilmington, Del., and J. M. Tinker, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sterol compounds and producing them. 2,215,727; Sept. 24.
Rosenberg, Heyman, New York, N. Y. Bearing unit. 2,186,789; Jan. 9.
Rosenberg, Jacob E., Pittsburgh, Pa., assignor to Enamelers Guild, Inc. Enamelware making. 2,210,556; Aug. 6.
Rosenberg, Joseph, West Hartford, Conn. Packing leaf tobacco. 2,199,114; Apr. 30.
Rosenberg, Kurt, assignor, by mesne assignments, to American Epok Inc., New York, N. Y. Electrical system for displaying pictures and communications by means of a lamp screen. 2,221,525; Nov. 12.
Rosenberg, Louis T. (See Dombrow, B. A., and Rosenberg.)
Rosenberg, Louis T., Ridgefield Park, assignor to National Oil Products Company, Harrison, N. J. Producing aromatic alcohols. 2,221,882; Nov. 19.
Rosenberg, Morris, Brooklyn, N. Y. Shoulder strap ribbon. 2,207,132; July 9.
Rosenberg, Philip S. (See Shutts, L. W., and Rosenberg.)
Rosenberg, Ralph H., assignor to Detroit Duo-Grip Brake Company, Detroit, Mich. Brake shoe construction. 2,192,696; Mar. 5.
Rosenberg, Samuel, and T., New York, N. Y.; G. Pousman, administratrix of said Samuel Rosenberg, deceased. Chain fastener. 2,216,213; Oct. 1.
Rosenberg, Stig E., Brockton, Mass. Perforating machine. 2,186,594; Jan. 9.
Rosenberg, Thomas. (See Rosenberg, Samuel and T.)
Rosenberger, Adolf. (See Sedlmair, Josef, assignor.)
Rosenberger, Albert J., assignor to Republic Flow Meters Company, Chicago, Ill. Regulator. 2,220,176; Nov. 5.
Rosenberger, G. Wilbur. (See Lenehan, B. E., and Rosenberger.)
Rosenberger, George, Muncie, Ind. Paint brush support. 2,192,526; Mar. 5.
Rosenberger, Joseph A. (See Hanley, H. C., and Rosenberger.)
Rosenberger, Reinhold, Berlin-Friedenau, Germany. Electrometer. 2,209,138; July 23.
Rosenblad, Curt F., Sodertalje, assignor to Aktiebolaget Rosenblads Patenter, Stockholm, Sweden. Heat exchange apparatus. 2,193,345; Mar. 12.
Rosenbloom, Gustaf H., and V. E. Simmons, Kalama, Wash. Down indicator. 2,208,009; July 16.
Rosenbloom, Ralph S., Chicago, Ill. Sealing ring for containers. 2,218,858; Oct. 22.
Rosenbloom, William J., Trail, British Columbia, Canada. Electrolytic cell. 2,225,800; Dec. 24.
Rosenblum, Charles. (See Itzcovitz, B., and Rosenblum.)
Rosenblum, Israel, Jackson Heights, N. Y. Resinous condensation products and producing same. 2,189,833; Feb. 13.
Rosenblum, Israel, New York, N. Y. Synthetic resin and making same. 2,207,384; July 9.
Rosenblum, Israel, New York, N. Y. Modified alkyd resin. 2,211,938; Aug. 20.
Rosenblum, Israel, New York, N. Y. Oil-soluble polybasic acid resin. 2,218,553; Oct. 22.
Rosenblum, Israel, New York, N. Y. Production of terpenic phenol-aldehyde resin. 2,224,359; Dec. 10.
Rosenburg, Sidney. (See Tamminga, William, assignor.)
Rosencrants, Fay H., Scarsdale, and A. L. Hamm, assignors to Combustion Engineering Company, Inc., New York, N. Y. Method of and apparatus for the recovery of heat and chemicals from black liquor. 2,213,052; Aug. 27.
Rosenfeld, Abraham L. (See Apgar, C. W., and Rosenfeld.)
Rosenfeld, Max L. (See MacDonald, William W., assignor.)
Rosenfield, Jacob L. (See Frederick, Joseph M., assignor.)
Rosenfield, Louis, Brooklyn, N. Y. Collapsible container. 2,189,436; Feb. 6.
Rosenfield, Louis, Brooklyn, N. Y. Toy organ. 2,197,773; Apr. 23.
Rosenkranz, Wilhelm. (See Altwicker, H., and Rosenkranz.)
Rosenleaf, John R., assignor to The J. B. Ehrsam & Sons Manufacturing Company, Enterprise, Kans. Bundling machine. 2,208,856; July 23.
Rosenmund, Alfred L., Rockaway, N. J., assignor to Stapling Machines Co. Box closing tool. 2,188,161; Jan. 23.
Rosenmund, Alfred L., Rockaway, N. J., assignor to Stapling Machines Co. Machine for use in making boxes. 2,191,684; Feb. 27.
Rosenstein, Albert L., assignor of one-half to M. Rosenstein and one-half to G. R. Smith, Jr., Lancaster, Pa. Venetian blind equipment. 2,190,884; Feb. 20.
Rosenstein, Morris, et al. (See Rosenstein, Albert L., assignor.)
Rosenthal, Arthur, assignor to Rose Patch & Label Co., Grand Rapids, Mich. Apparatus for cutting, folding, and creasing labels. 2,204,189; June 11.
Rosenthal, Arthur, assignor to Rose Patch & Label Company, Grand Rapids, Mich. Label cutting and folding mechanism. 2,211,862; Aug. 20.
Rosenthal, Arthur, assignor to Rose Patch & Label Company, Grand Rapids, Mich. Label cutting and packing machine. 2,214,478; Sept. 10.
Rosenthal, August. (See Rosenthal, Henry L. and A.)
Rosenthal, Harry, Chicago, Ill. Curtain stretcher. 2,223,462; Dec. 3.
Rosenthal, Henry L. and A., Wauwatosa, assignors, to Rosenthal Manufacturing Co., West Allis, Wis. Corn husker and shredder. 2,185,739; Jan. 2.
Rosenthal, J. C. (See Sappington, Paul, assignor.)
Rosenthal, Jay J., et al. (See Trabold, Frank W., assignor.)
Rosenthal, Lawrence, Ferguson, Mo., assignor, by mesne assignments, to Zone-O-Trol-Pierce, Incorporated, Anderson, Ind. Speed control mechanism. 2,214,567; Sept. 10.
Rosenthal, Leo, and W. Becker, Leverkusen I. G.-Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Artificial mass. 2,210,434; Aug. 6.
Rosenthal, Leo, and H. Meis, Leverkusen-Wiesdorf, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Polymeric product of aromatic hydrocarbons substituted by the CH_2—CH— radical. 2,224,837; Dec. 10.
Rosenthal Manufacturing Company. (See Rosenthal, Henry L. and A., assignors.)
Rosenthal, Morris, Chicago, Ill. Stop marker for conveyers. 2,223,463; Dec. 3.
Rosenthal, S., & Co. (See Dourson, L. F., and Kemen, assignors.)
Rosenthal, Samuel, Brooklyn, N. Y. Apparatus for staining specimens. 2,186,432; Jan. 9.
Rosenthal, Morris, Chicago, Ill. Conveyer control device. 2,203,508; June 4.
Rosenthal, Morris G., Cleveland, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Overhead carrier system. 2,201,013; May 14.
Rosenthal, William, New York, and C. M. Sachs, Brooklyn, N. Y., assignors to Maiden Form Brassiere Company, Inc. Strap construction. 2,222,687; Nov. 26.
Rosenwald, Kurt, New York, N. Y. Therapeutical preparation for the peroral treatment of hay fever and manufacture of same. 2,207,415; July 9.
Rosenzweig, Salo, Vienna, Austria, assignor to Interpublic A.-G., Zurich, Switzerland. Guaiacol compound and the production thereof. 2,194,724; Mar. 26.
Rosenzweig, Siegfried, Long Island City, N. Y. Vibro isolator. 2,200,561; May 14.
Roser, Carl W., Newark, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Tool holder. 2,217,350; Oct. 8.
Rosetti, Carlo, assignor to the firm Leclanché S. A., Yverdon, Switzerland. Manufacturing a highly active depolarizer from natural pyrolusite. 2,186,929; Jan. 9.
Rosevear, William B., Jr., assignor to Benjamin H. Anibal, Birmingham, Mich. Locking bottle cap. 2,226,390; Dec. 24.
Rösingh, Wilhelm H. C. E., Schiedam, assignor of one-half to N. V. Wilton's Machinefabriek en Scheepswerf, Maatschappij Voor Scheeps-en Werktuigbouw Fijenoord N. V., Schiedam, Netherlands. Antirolling device for ships. 2,198,295; Apr. 23.
Rosling, Paul A., Caldwell, N. J. Insulating windows, doors, and the like. 2,191,500; Feb. 27.
Roslyn, Martin O., et al. (See Davis, Wilbur A., assignor.)
Rosner, Henry E., Chicago, Ill. Closure trim for motor vehicle windows. 2,206,334; July 2.
Rosovsky, Nathan, New York, N. Y. Snap fastener. 2,186,557; Jan. 9.
Ross, Archibald S. (See Monk, R. H., and Ross.)
Ross, Arthur H., Marshfield, Mass., assignor to Tyer Rubber Company, Andover, Mass. Roll-preventing hockey puck. 2,226,516; Dec. 24.
Ross, Arthur M. (See Lawrence, James M., assignor.)
Ross, August J., et al. (See Engel, Leonard J., assignor.)
Ross, Benjamin, Woodhaven, N. Y. Smoker's pipe and condenser therefor. 2,211,166; Aug. 13.
Ross, Charles H., Hickory, N. C. Yarn dyeing machine. 2,197,011; Apr. 16.
Ross, Colin A., assignor to Behr-Manning Corporation, Troy, N. Y. Package roll and protector therefor. Re. 21,516; July 23.
Ross, David E., M. G. Knoy, and F. P. Wymer, assignors to Rostone, Incorporated, La Fayette, Ind. Block and tile pressing machine. 2,195,683; Apr. 2.

Ross, Edward T., Newark, N. J. Variable speed transmission. 2,212,046; Aug. 20.
Ross, Elliott P., Forest Hills, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Motion reproducing unit. 2,197,386; Apr. 16.
Ross, Ernest, Los Angeles, Calif., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Optical film printing. 2,209,582; July 30.
Ross, Ernest, North Chili, N. Y., assignor to Radio Corporation of America. Film driving mechanism. 2,217,183; Oct. 8.
Ross, Frances M., New York, N. Y. Internal bath. 2,206,368; July 2.
Ross, Frank A. (See Thomas, G. F., Ross, and Bystricky.)
Ross, Fred A. (See Doty, R. B., and Ross.)
Ross, Frederick N., Grosse Pointe Park, assignor to Ash Products Corporation, Detroit, Mich. Attachment unit with multicornered shank. 2,191,192; Feb. 20.
Ross, Frederick N., Grosse Pointe Park, assignor to Ash Products Corporation, Detroit, Mich. Making clinch-on nuts and the like. 2,191,193; Feb. 20.
Ross, Frederick N., Detroit, Mich., assignor to Cinch Manufacturing Corporation. Snap fastening device. 2,197,418; Apr. 16.
Ross, Frederick N., Detroit, Mich., assignor to Cinch Manufacturing Corporation, Chicago, Ill. Snap fastener installation. 2,197,419; Apr. 16.
Ross, George E., assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Clutch. 2,208,518; July 16.
Ross, George H., Fort Frances, Ontario, Canada. Timepiece actuated locking mechanism. 2,210,186; Aug. 6.
Ross, George H., Fort Frances, Ontario, Canada. Triple action lock. 2,218,685; Oct. 22.
Ross, James A. (See Ross, Joseph F., assignor.)
Ross, James W., Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Bottle stabilizer. 2,210,187; Aug. 6.
Ross, James W., and F. L. Crosbie, Washington, Pa., assignors to Hazel-Atlas Glass Company, Wheeling, W. Va. Percolator strapper machine. 2,192,106; Feb. 27.
Ross, John. (See Dreger, E. E., and Ross.)
Ross, John, New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Detergent and making it. 2,195,581; Apr. 2.
Ross, John, New York, N. Y., and J. E. Mitchell, assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Preparing detergents. 2,203,443; June 4.
Ross, John J., New York, N. Y. Tag. 2,213,075; Aug. 27.
Ross, John L., Cowan, Tenn. Press for crushing cans. 2,212,047; Aug. 20.
Ross, Joseph. (See Horn, M., and Ross.)
Ross, Joseph F., assignor of one-half to J. A. Ross, Chicago, Ill. Boiler. 2,207,162; July 9.
Ross, Malcolm D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Sectionalized hydrogen-cooled machine. 2,210,686; Aug. 6.
Ross, Marion, Louisville, Ky. Toy. 2,193,522; Mar. 12.
Ross, Marion C., Berlin, Mass. Device for holding curtains, tiebacks, etc. 2,224,772; Dec. 10.
Ross, Matthew S., Riverton, Wyo. Hauling unit. 2,219,533; Oct. 29.
Ross, Matthew S., Riverton, Wyo. Earth tamper. 2,226,182; Dec. 24.
Ross, Oscar A. (See Ruben, Samuel, assignor.)
Ross, Oscar A., New York, N. Y. Vacuum cleaner attachment. 2,214,725; Sept. 10.
Ross, Oscar A., New York, N. Y. Control apparatus for motor driven vehicles. 2,218,721; Oct. 22.
Ross, Oscar A., New York, N. Y. System for inserting valve seat inserts. 2,218,722; Oct. 22.
Ross, Oscar A., New York, N. Y. Producing and exhibiting sound motion pictures. 2,227,201; Dec. 31.
Ross, Oscar A., Los Angeles, Calif. Clutch operating apparatus. 2,218,723; Oct. 22.
Ross, Oscar A., Jersey City, N. J. Lock mechanism. 2,221,110; Nov. 12.
Ross, Paul M., Barberton, assignor to The Ohio Brass Company, Mansfield, Ohio. Divider resistance. 2,213,887; Sept. 3.
Ross, Paul M., Barberton, assignor to The Ohio Brass Company, Mansfield, Ohio. Apparatus for measuring rate of precipitation. 2,213,888; Sept. 3.
Ross, Robert A., Orange, N. J. Hinge. 2,211,581; Aug. 13.
Ross, Russell W., near Porterville, Calif. Fuel system for engines. 2,205,750; June 25.
Ross, Wallace B., Canastota, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Separable hinge for molded body parts. 2,196,740; Apr. 9.
Ross, Walter F., Detroit, Mich. Tool holder assembly. 2,219,907; Oct. 29.
Ross, Walter S. (See Duguid, J. M., Ross, and Dan Duyne.)
Ross, William B. (See Henderson, L. M., Ayers, Raine, and Ross.)
Ross, William H., Allentown, Pa. Speed control governor for motor vehicles. 2,208,473; July 16.
Ross, William P. V., and D. H. Mars, assignors to Duplex Printing Press Company, Battle Creek, Mich. Plate clamp for rotary printing presses. 2,190,385; Feb. 13.
Rossander, Swanie S. (See Murphy, A. R., and Rossander.)
Rossander, Swanie S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes. Re. 21,476; June 4.
Rossander, Swanie S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Selective reduction of azo compounds. 2,199,576; May 7.
Rossander, Swanie S., and C. E. Sparks, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes. 2,204,229; June 11.
Rossander, Swanie S., and C. E. Sparks, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes. 2,204,230; June 11.
Rossberg, Charles A., West Hartford, Conn., assignor to Veeder-Root Incorporated. Computing counter. 2,206,239; July 2.
Rossheim, David B., Teaneck, N. J., assignor to The M. W. Kellogg Co., New York, N. Y. Temperature measuring device. 2,208,332; July 16.
Rossi, Frank A., Astoria, N. Y. Internal combustion engine. 2,194,913; Mar. 26.
Rossi, Harry J. (See Weiss, A. J., and Rossi.)
Rossi, Pietro A., Youngstown, Ohio. Dough rolling and cutting device. 2,204,825; June 18.
Rossier, John D., Orange, Calif. Magazine type pencil. 2,222,824; Nov. 26.
Rossini, Caesar, and T. D. Pieragostini, New Haven, Conn. Broiler. 2,202,537; May 28.
Rosskopf, Hans, Berlin-Charlottenburg, and A. Stieglitz, Berlin-Spandau, assignors to Brandenburgische Motorenwerke Gesellschaft mit beschrankter Haftung, Berlin-Spandau, Germany. Power control gear for internal combustion engines. 2,213,412; Sept. 3.
Rössler, Fritz. (See Kalsing, H., Krefft, and Rössler.)
Rössler, Karl W., Chemnitz, assignor to K. L. Oberlungwitz, Oberlungwitz, Germany. Knitting machine. 2,213,149; Aug. 27.
Rossman, Allen M., Wilmette, Ill. Electric switchgear. 2,190,952; Feb. 20.
Rossman, Allen M., Wilmette, Ill. Straight line operating mechanism. 2,198,635; Apr. 30.
Rossman, Allen M., Wilmette, Ill. Electric switchgear. 2,218,554; Oct. 22.
Rossman, Allen M., Wilmette, Ill. Electric switchgear. 2,218,555; Oct. 22.
Rossman, Edwin F., Dayton, Ohio, H. O. Fuchs, and R. B. Burton, assignors to General Motors Corporation, Detroit, Mich. Hydraulic shock absorber. 2,191,942; Feb. 27.
Rossman, Irwin J., et al. (See Schroeder, Philip, assignor.)
Rossman, Solly, Brooklyn, N. Y. Emergency lock knob for bathroom doors. 2,190,485; Feb. 13.
Rossmanith, Wolfgang, Solothurn, assignor to Rheinmetall-Borsig Aktiengesellschaft, Dusseldorf, Germany. Cocking mechanism for automatic firearms. 2,202,232; May 28.
Rossmanith, Wolfgang, Solothurn, Switzerland, assignor to Rheinmetall-Borsig Aktiengesellschaft, Dusseldorf, Germany. Machine gun. 2,220,663; Nov. 5.
Rossmann, Ernst. (See Jordan, O., and Rossmann.)
Rossmann, Peter F., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle braking system. 2,206,976; July 9.
Rosso, John E., Virginia, Minn. Manual bookkeeping apparatus. 2,202,639; May 28.
Rost, Bhertel C., assignor to The Foxboro Company, Foxboro, Mass. Punch or tool holding apparatus. 2,188,633; Jan. 30.
Rost, Helge, Stocksund, Sweden. Synthetic insulating material. 2,198,977; Apr. 30.
Rostás, Ernest. (See Clavier, A. G., and Rostás.)
Rostler, Fritz, and V. Mehner, Vienna, assignors to Naftolen-Gesellschaft zur Verwertung der Rostler-Mehner'schen Verfahren m. b. H., Vienna, Germany. Production of polymerized unsaturated hydrocarbons. 2,185,951; Jan. 2.
Rostler, Fritz, and V. Mehner, Vienna, assignors to Naftolen-Gesellschaft zur Verwertung der Rostler-Mehner'schen Verfahren m. b. H., Vienna, Germany. Making unsaturated hydrocarbons. 2,185,952; Jan. 2.
Rostler, Fritz, and V. Mehner, Vienna, Germany, assignors to Naftolen-Gesellschaft zur Verwertung der Rostler-Mehner' schen Verfahren m. b. H., Vienna, Germany. Producing rubber miscible oils. 2,217,918; Oct. 15.
Rostler, Fritz, Wilmington, Del., and V. Mehner, Vienna, Germany. Unsaturated hydrocarbon compositions. 2,217,919; Oct. 15.
Rostone, Incorporated. (See Ross, D. E., Knoy, and Wymer, assignors.)
Rotary Reaper Corporation. (See Baldwin, Curtis C., assignor.)
Rotary Seal Company. (See Gilman, George P., assignor.)
Rotary Seal Co. (See Jensen, Hans, assignor.)
Rotary Snow Plow Company. (See Bemis, M. H., Greer, and Morrison, assignors.)
Rotary Snow Plowe Company. (See Garland M., and (Greer, assignor).)
Roterberg, Werner. (See Schmidt, Carl, assignor.)
Roterberg, Werner, Dusseldorf, Germany. Tool center. 2,193,042; Mar. 12.

Roters, Herbert C., Hoboken, N. J., assignor to Casner Patents, Inc. Variable permeance electric motor. 2,209,039; July 23.
Roth, Adam G., Mineola, N. Y. Sealing device. 2,214,261; Sept. 10.
Roth, Adolph. (See Roseman, Z., and Roth.)
Roth, Albert J., Manchester, Conn. Garment bag. 2,186,209; Jan. 9.
Roth, Edward A. (See Faulds, George, assignor.)
Roth, Fred, Brooklyn, N. Y. Collapsible shelf and bookcase. 2,206,753; July 2.
Roth, George W., New York, N. Y. Cellophane looping trimming and shelf edging. 2,194,326; Mar. 19.
Roth, Harry M., Bellevue, assignor to McKinney Manufacturing Company, Pittsburgh, Pa. Hinge. 2,214,348; Sept. 10.
Roth, Herman P., West Roxbury, assignor to Warren E. Collins, Inc., Boston, Mass. Spirometer. 2,198,230; Apr. 23.
Roth, Lester B., assignor to Eclipse Lawn Mower Company, Prophetstown, Ill. Power mower. 2,191,135; Feb. 20.
Roth, Ludwig, assignor to Handy Containers, Inc., St. Louis, Mo. Container. 2,190,163; Feb. 13.
Roth, Pedro, Buenos Aires, Argentina. Dirt road stabilization. 2,212,574; Aug. 27.
Roth, Robert I. (See Dickinson, A. H., and Roth.)
Roth Rubber Company. (See Knight, William W., assignor.)
Roth, Thomas H., and T. D. Hinchcliffe, Chicago, Ill. Making floor coverings, table coverings, and the like. 2,217,137; Oct. 8.
Roth, Wendel M., Trenton, N. J. Boiler. 2,211,674; Aug. 13.
Rothbart, Jacob, assignor to Bronx Casket Mfg. Co., Inc., New York, N. Y. Kneeling bench. 2,225,000; Dec. 17.
Rothberg, Pincus. (See Waring, Olaf I., assignor.)
Rothe, Horst, and W. Kleen, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Variable band width amplifier. 2,214,627; Sept. 10.
Rothelius, Carl G. B. (See Dahlström, E. R., and Rothelius.)
Rothenberg, Harry, Norwood, N. J., and L. C. Grimsley, Jackson Heights, assignors to Henry Hyman, Brooklyn, N. Y. Flashlight. 2,212,103; Aug. 20.
Rothenberger, Robert J., Sherwood, and N. W. Hazleton, Newberg, Oreg.; said Hazleton assignor to said Rothenberger. Shelling nuts. 2,212,213; Aug. 20.
Rothery, James S., assignor to Servisales Limited, London, England. Hydraulic jack. 2,214,440; Sept. 10.
Rothhaas, Alexander. (See Reppe, W., and Rothhaas.)
Rothhaas, Alexander. (See Reppe, W., Rothhaas, Schmidt, and Luehdemann.)
Röthler, Karl, assignor to Henschel & Sohn, Gesellschaft mit beschränkter Haftung, Kassel, Germany. Mounting of boilers of mallet locomotives. 2,197,831; Apr. 23.
Rothmann, Charles H., Closter, N. J. Landscape pavement. 2,215,159; Sept. 17.
Rothmann, Charles H., Jackson Heights, N. Y. Block forming mold. 2,215,160; Sept. 17.
Rothrock, Henry S. (See Flint, R. B., and Rothrock.)
Rothrock, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyether resins. 2,191,587; Feb. 27.
Rothrock, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric esters. 2,218,439; Oct. 15.
Rothrock, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric esters of unsaturated polycarboxylic acids with ethylnyl carbonyls having at least one hydrogen atom attached to the alkynyl carbon atom. 2,221,662; Nov. 12.
Rothrock, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric dimethallyl maleate. 2,221,663; Nov. 12.
Rothschild, Benjamin de C., Coral Gables, Fla. Game scoring device. 2,191,400; Feb. 20.
Rothschild, Harry H., New York, N. Y. Spindle bearing device. 2,207,896; July 16.
Rotomotor Corporation. (See Gardner, Cummings, assignor.)
Rottenberg, Benjamin, New York, N. Y. Cutting, shaping, embossing, and wrapping machine for butter or similar plastic material. 2,201,872; May 21.
Rotter, Lutwin C. (See Barks, F. S., Fox, Rotter, and Linders.)
Rotter, Lutwin C., Maplewood, and V. G. Klein, assignors to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 2,206,335; July 2.
Rottler, Clarence T., Seattle, Wash. Pilot stem. 2,217,772; Oct. 15.
Roualet, Andrew J. E. (See Ball, T. M., and Roualet.)
Rouan, Francis J., and E. H. Sorgatz, assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn. Disappearing printing die control. 2,204,971; June 18.
Rouan, Francis J., Stamford, and H. L. Prior, Springdale, assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn. Tape control device. 2,204,972; June 18.
Rouanet, Roger L. M. F., and F. V. A. J. Rey, Paris, France. Aircraft. 2,186,558; Jan. 9.
Roubal, Alexander J., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Screen hook strip. 2,217,920; Oct. 15.
Rouch, Everett W., assignor to Bendix Home Appliances Inc., Detroit, Mich. Drain assembly for washing machines and the like. 2,201,790; May 21.
Rouch, Everett W., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure actuated motor. 2,220,829; Nov. 5.
Roudabush, George M. (See Wright, E. M., and (Collins, assignor).)
Roudnický, Rudolf, Prague, Czechoslovakia. Pressure gauge with barometric correction. 2,223,705; Dec. 3.
Rougvie, James F., Belmont, Mass., assignor to American Telephone and Telegraph Company. Apparatus for producing a current. 2,224,275; Dec. 10.
Roulements a Billes Miniatures S. A. (See Annen, Robert, assignor.)
Round, Albert A. (See Madge, E. W., Round, and Norcross.)
Round, George W., Deerfield, Ohio. Skid-chain link. 2,202,319; May 28.
Rourke, Alfred E., assignor to Echlin Manufacturing Company, San Francisco, Calif. Beverage dispenser. 2,219,334; Oct. 29.
Rouse, Arthur E., assignor, by mesne assignments, to Food Display Cover Company, Inc., Indianapolis, Ind. Making a food display cover. 2,186,994; Jan. 16.
Rouse, H. B., & Co. (See Stephan, Frank J., assignor.)
Rouse, Horace F. M., Johannesburg, Transvaal, South Africa. Air-line lubricator. 2,204,950; June 18.
Rouse, Wallace F., Palo Alto County, Iowa. Loader for grain or the like. 2,200,898; May 14.
Rouseville Cooperage Company. (See Sabatt, C., and Manion, assignors.)
Roush, Charles L. and W. B., Hilts, Calif. Wrench. 2,198,951; Apr. 30.
Roush, William B. (See Roush, Charles L. and W. B.)
Rousseau, Raymon E., assignor to Trico Products Corporation, Buffalo, N. Y. Automatic windshield cleaner. 2,206,822; July 2.
Rousseau, Seifert W., Port Washington, N. Y. Device for teaching the art of sailing a boat. 2,208,083; July 16.
Routh, Almond C., Sandusky, Ohio. Apparatus for making bars of ice cream or the like. 2,188,418; Jan. 30.
Routh, Almond C., Sandusky, Ohio. Material processing method and apparatus. 2,211,387; Aug. 13.
Routin, Joseph L., Paris, France. Talking machine with repetition device. 2,192,757; Mar. 5.
Routledge, Frederick J., Monroe, Mich. Firearm. 2,185,523; Jan. 2.
Routledge, Frederick J., Monroe, Mich. Projectable target. 2,211,244; Aug. 13.
Roux, Bernard, M. Sollima, and R. Gamzon, Paris, France. Adjustment of the amplification of amplifiers. 2,195,152; Mar. 26.
Rovell, Alfred, assignor, by mesne assignments, to Rovell Manufacturing Corporation, Richmond, Va. Display device. 2,223,308; Nov. 26.
Rovell Manufacturing Corporation. (See Rovell, Alfred, assignor.)
Rovere, Lewis H. (See Currie, F. L., and Rovere.)
Rovick, John D., and W. A. Hart, assignors to Colonial Broach Company, Detroit, Mich. Broaching machine. 2,223,920; Dec. 3.
Row, John W., Berrien Springs, Mich. Movable shelf construction. 2,190,244; Feb. 13.
Rowand, Will H., Jersey City, assignor to The Babcock & Wilcox Company, Newark, N. J. Furnace. 2,197,387; Apr. 16.
Rowand, Will H., Jersey City, and C. U. Savoye, Hackensack, assignors to The Babcock & Wilcox Company, Newark, N. J. Steam boiler. 2,206,336; July 2.
Rowe, Alvin V., assignor to Rowe Manufacturing Company, Galesburg, Ill. Overhead door construction. 2,189,019; Feb. 6.
Rowe, Alvin V., assignor to Rowe Manufacturing Company, Galesburg, Ill. Overhead door construction. 2,189,020; Feb. 6.
Rowe, Alvin V., and W. A. Norberg, Galesburg, assignors to Rowe Manufacturing Company, Galesburg, Ill. Overhead door track construction. 2,196,903; Apr. 9.
Rowe, Charles S. (See Martone, T. A., and Rowe.)
Rowe, Charles S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Soap product. 2,226,075; Dec. 24.
Rowe, Frederick M. (See Race, E., Rowe, and Speakman.)
Rowe, Frederick S., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Printing device. 2,201,302; May 21.
Rowe, George E., Wethersfield, assignor to Hartford-Empire Company, Hartford, Conn. Forehearth for and method of controlling the temperature and condition of molten glass. 2,189,271; Feb. 6.
Rowe, George E., Wethersfield, assignor to Hartford-Empire Company, Hartford, Conn. Forming hollow glass articles. 2,226,504; Dec. 24.
Rowe, Hartley. (See Rippey, G. S., and Rowe.)
Rowe, Hobart E. (See McArthur, E. D., and Rowe.)
Rowe Manufacturing Co. (See Gabrielsen, Christian, assignor.)
Rowe Manufacturing Company. (See Rowe, Alvin V., assignor.)
Rowe Manufacturing Company. (See Rowe, A. V., and Norberg, assignors.)

Rowe, Marion H., Dallas, assignor of one-half to J. H. Reynolds, Cisco, Tex. Apparatus for determining light absorption qualities of substances. 2,213,534; Sept. 3.
Rowe, Martin L., Oak Park, assignor to The Gerrard Company, Inc., Chicago, Ill. Car wall anchorage for cargo binders. 2,226,020; Dec. 24.
Rowe, Paul H., Los Angeles, Calif. Telephone answering system. 2,221,883; Nov. 19.
Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric switch. 2,204,002; June 11.
Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Front operated switch. 2,213,657; Sept. 3.
Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Enclosed switch. 2,216,298; Oct. 1.
Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Solderless wire terminal. 2,222,156; Nov. 19.
Rowe, Raymond N., Plainville, and J. L. Robertson, Forestville, assignors to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electrical terminal. 2,201,674; May 21.
Rowe, Sidney M., assignor of forty per cent to F. H. Mooneyham, Montgomery, Ala. Fishing apparatus. 2,217,820; Oct. 15.
Rowe, Stephen D., Wichita Falls, Tex. Safety device for catheads. 2,193,010; Mar. 12.
Rowe, William H., Lynn, Mass., assignor to General Electric Company. Electrical measuring instrument. 2,219,942; Oct. 29.
Rowe, William L., New Rochelle, assignor to Johns-Manville Corporation, New York, N. Y. Interlocking roofing unit. 2,187,139; Jan. 16.
Rowe, William W., Cincinnati, assignor to The Paper Service Company, Lockland, Ohio. Producing corrugated papers. 2,190,680; Feb. 20.
Rowe, William W., Cincinnati, assignor to The Paper Service Company, Lockland, Ohio. Creped products, including translucent films. 2,198,392; Apr. 23.
Rowe, William W., Cincinnati, assignor to The Paper Service Company, Lockland, Ohio. Creped article including metal foil. 2,202,870; June 4.
Rowe, William W., Cincinnati, assignor to The Paper Service Company, Lockland, Ohio. Making stretchable materials and articles. 2,213,290; Sept. 3.
Rowe, William W., Cincinnati, and W. A. Morris, Wyoming, assignors to The Paper Service Company, Lockland, Ohio. Creped and corrugated web. 2,224,713; Dec. 10.
Rowell, Ralph M., Lynn, Mass., assignor to General Electric Company. Damping system for measuring devices. 2,209,236; July 23.
Rowell, Ralph M., Lynn, Mass., assignor to General Electric Company. Current responsive instrument. 2,210,778; Aug. 6.
Rowell, Ralph M., Lynn, Mass., assignor to General Electric Company. Long scale frequency meter. 2,220,731; Nov. 5.
Rowell, William H., assignor of one-half to O. C. Lull, Rutland, Vt. Seed and fertilizer tape. 2,197,594; Apr. 16.
Rowland, Ben W., assignor to The Institute of Paper Chemistry, Appleton, Wis. Cellulose product. 2,186,709; Jan. 9.
Rowland, Ben W., Appleton, Wis., assignor, by mesne assignments, to Stein, Hall Manufacturing Company, Chicago, Ill. Precipitation of starch upon fibers used in the manufacture of paper. 2,207,555; July 9.
Rowlett, Vinton H. (See Hamilton, G. W., and Rowlett.)
Rowley, Frank B., Minneapolis, Minn. Dust counter. 2,209,614; July 30.
Rowley, Garold N., Miami, Fla. Louver construction. 2,185,712; Jan. 2.
Rowley, Russell A. (See Cunningham, J. M., and Rowley.)
Rowley, William A., Tampa, Fla. Burglarproof blind. 2,205,156; June 18.
Roxalin Flexible Lacquer Company. (See Roon, Leo, assignor.)
Roy, Albert E., Los Angeles, Calif. Check valve. 2,223,944; Dec. 3.
Roy, Constance M., executrix. (See Swan, J. C. K., and Roy.)
Roy, Hector B. (See Swan, J. C. K., and Roy.)
Roy, Nereus H. (See Munro, G. R., and Roy.)
Roy, Vernon R. (See Blazek, J. Y., and Roy.)
Roy, William W., Oakland, Calif. Atmospheric pressure water remover. 2,190,885; Feb. 20.
Royal Electric Company. (See Goodwin, George R., assignor.)
Royal, Joseph N. (See Dreux, A. H., and Royal.)
Royal Manufacturing Company. (See Moore, Werton D., assignor.)
Royal, Thomas M., & Company. (See Friend, Gordon H., Jr., assignor.)
Royal, Thomas M., & Company. (See Volksdorf, Hans, assignor.)
Royal Typewriter Company. (See Dowd, Bernard J., assignor.)
Royal Typewriter Company. (See Handley, George F., assignor.)
Royal Typewriter Company. (See Hart, Henry J., assignor.)
Royal Typewriter Company. (See Kittel, John J., assignor.)
Royal Typewriter Company. (See Michelsen, William O., assignor.)
Royal Typewriter Company. (See Myers, Lewis C., assignor.)
Royal Typewriter Company. (See Rickard, Henry C., assignor.)
Royall, Ralph, New York, N. Y. Heating system. 2,199,840; May 7.
Roye, Richard T., assignor to Gray Tool Company, Houston, Tex. Casing hanger. 2,207,469; July 9.
Royer Foundry & Machine Company. (See Davies, Stanley B., assignor.)
Royer, George L. (See Crossley, M. L., Kienle, and Royer.)
Royer, Horace W., Bristol, Pa. Interference elimination. 2,192,275; Mar. 5.
Royle, Alexander E., Seattle, Wash. Decorative tree. 2,226,349; Dec. 24.
Royle, Edwin B., assignor to The Eimco Corporation, Salt Lake City, Utah. Shoveling machine. 2,205,732; June 25.
Royle, Vernon E., Paterson, N. J. Lining attachment for beveling machines. 2,197,484; Apr. 16.
Royle, Vernon E., Paterson, N. J. Extruding machine. 2,200,997; May 14.
Royle, Vernon E., Paterson, N. J. Apparatus for extruding tubes. 2,216,832; Oct. 8.
Rozenbroek, Meindert D., Delden, Twenthe, Overijsel, Netherlands. Improving fibrous materials. 2,224,489; Dec. 10.
Rozenbroek, Meindert D., assignor of one-half to Naamlooze Vennootschap: Chemische Fabriek Servo, Delden, Twente, Overijsel, Netherlands. Manufacturing washing, cleansing, wetting, and emulsifying agents. 2,224,360; Dec. 10.
Rozinek, Arthur, assignor of one-half to G. Szikla, Budapest, Hungary. Apparatus for gasifying finely divided granular fuel. 2,222,044; Nov. 19.
Roznowski, Martin J. (See Wheler, A. G., and Roznowski.)
Ruau, Félix F., assignor to Molins Machine Company, Limited, Deptford, London, England. Tobacco manipulating machine. 2,209,139; July 23.
Ruau, Félix F., assignor to Moline Machine Company Limited, Deptford, London, England. Apparatus for feeding cut tobacco. 2,215,408; Sept. 17.
Ruau, Félix F., Deptford, London, assignor to Molins Machine Company Limited, London, England. Tobacco manipulating machine. 2,223,498; Dec. 3.
Rubatex Products, Inc. (See Cooper, Lester S., assignor.)
Rubatex Products, Inc. (See Kienitz, Sidney, assignor.)
Rubatex Products, Inc. (See Peel, Frederick W., assignor.)
Rubatex Products, Inc. (See Reid, James S., assignor.)
Rubatex Products, Inc. (See Roberts, Dudley, assignor.)
Rubatex Products, Inc. (See Roberts, Dudley D., assignor.)
Rubatex Products, Inc. (See Roberts, D., Cooper, and Bascom, assignors.)
Rubb, Charles J., Flushing, N. Y. Line casting machine. 2,206,754; July 2.
Rubel, Bernard, New York, N. Y. Pneumatic heel. 2,201,702; May 21.
Rubel, Bertrand, Cincinnati, Ohio. Bakery machinery. 2,193,382; Mar. 12.
Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Rotary hook. 2,209,906; July 30.
Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Lockstitch sewing machine. 2,218,556; Oct. 22.
Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,219,210; Oct. 22.
Rubel, George K., Phoenix, Ariz. Air conditioning apparatus. 2,196,644; Apr. 9.
Rubel, Max J., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Switchboard construction. 2,196,399; Apr. 9.
Ruben, Samuel, New Rochelle, N. Y. Making a rectifier element. 2,198,843; Apr. 30.
Ruben, Samuel, New Rochelle, N. Y. Electrolytic condenser and preparing etched electrodes therefor. 2,199,445; May 7.
Ruben, Samuel, New Rochelle, N. Y. Electrolytic condenser. 2,199,446; May 7.
Ruben, Samuel, New Rochelle, N. Y. Electrolytic condenser. 2,199,447; May 7.
Ruben, Samuel, New Rochelle, N. Y. Potential-producing cell. 2,200,301; May 14.
Ruben, Samuel, New Rochelle, N. Y. Electrical contact. 2,200,854; May 14.
Ruben, Samuel, New Rochelle, N. Y. Electrical contact. 2,200,855; May 14.
Ruben, Samuel, New Rochelle, N. Y. Variable resistor. 2,204,623; June 18.
Ruben, Samuel, New Rochelle, N. Y. Electrolytically coating nonconductive materials. 2,211,582; Aug. 13.
Ruben, Samuel, New Rochelle, N. Y. Making electric condensers and condenser made thereby. 2,211,583; Aug. 13.
Ruben, Samuel, New Rochelle, N. Y. Coaxial electrical conductor. 2,211,584; Aug. 13.

Ruben, Samuel, New Rochelle, N. Y. Electrical resistance element. 2,213,969; Sept. 10.
Ruben, Samuel, New Rochelle, assignor to Oscar A. Ross, New York, N. Y. Voltage converter tube. 2,192,506; Mar. 5.
Rubens, Harry S., Englewood, N. J., assignor to American Cystroscope Makers, Inc., New York, N. Y. Ophthalmoscope and lens disk therefor. 2,199,188; Apr. 30.
Rubenstein, Leon, Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Manufacturing basic lead trinitro-cresolate. 2,226,391; Dec. 24.
Rubenstein, William, New York, N. Y. Cuff link. 2,225,889; Dec. 24.
Ruberg, Henry F. (See Grady, G. M., and Ruberg.)
Ruberoid Co., The. (See Goldschmidt, Frank P., Sr., assignor.)
Ruberoid Co., The. (See Herscovitz, Louis, assignor.)
Ruberoid Co., The. (See Kramer, Herman, assignor.)
Ruberoid Co., The. (See Ritter, George, assignor.)
Rubin, Harry. (See Gerson, Joseph, assignor.)
Rubin, Harry. (See Itzcovitz, B., and Rosenblum, assignors.)
Rubin, Joseph, Philadelphia, Pa. Clothes hamper. 2,187,403; Jan. 16.
Rubin, Louis C., Nutley, assignor to Gasoline Products Company, Inc., Newark, N. J. Conversion of hydrocarbon oils. 2,188,312; Jan. 30.
Rubin, Louis C., West Caldwell, assignor to The Polymerization Process Corporation, Jersey City, N. J. Conversion of hydrocarbons. 2,198,180; Apr. 23.
Rubinoff, Mark, New York, N. Y. Sealed tag. Re. 21,477; June 4.
Rubinoff, Mark, New York, N. Y. Sealed tag. 2,199,348; Apr. 30.
Rubinoff, Mark, assignor to Morris Canter, New York, N. Y. Tag bearing seal. 2,186,768; Jan. 9.
Rubins, Charles, Kansas City, Mo. File folder. 2,222,443; Nov. 19.
Rubinstein, David, Brookline, Mass., assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Aluminum planographic printing plate. 2,208,703; July 23.
Rubinstein, Harry W., assignor to Globe-Union, Inc., Milwaukee, Wis. Flat shaft control device. 2,221,558; Nov. 12.
Rubinstein, Helena, Inc. (See Kane, Martine, assignor.)
Rubinstein, Samuel, New York, N. Y. Constant efficiency sound amplifier. 2,224,931; Dec. 10.
Rubinstein, Wilton, et al., trustee. (See Johnston, Harry, assignor.)
Rubinstein, Wilton, Clayton, Mo., assignor of one-half to said Rubinstein, as trustee, and E. Greensfelder, a co-trustee. Collar. 2,197,134; Apr. 16.
Rubinstein, Wilton, Clayton, Mo., assignor of one-half to said Rubinstein as trustee, and Edward Greensfelder, as cotrustee. Collar, cuff, and the like. 2,204,152; June 11.
Rubira, Heliodoro, Jersey City, N. J. Hair curler. 2,218,298; Oct. 15.
Rubissow, George A., New York, N. Y. Treating melted matters. 2,208,230; July 16.
Rubissow, George A., New York, N. Y. Method and apparatus for the treatment of matter. 2,222,266; Nov. 19.
Rubly, Harry C. (See Miller, R. A., and Rubly.)
Ruby, Charles H., Elizabeth, N. J. Dismantling containers. 2,209,209; July 23.
Ruch, Herald M., Los Angeles, Calif. Tire cord demonstration device. 2,217,080; Oct. 8.
Ruch, Herman J. (See Emery, A. H., and Ruch.)
Ruch, Herman J., Woodbury Heights, N. J., assignor, by mesne assignments, to The Baldwin Locomotive Works. Hydraulic material testing apparatus. 2,194,914; Mar. 26.
Ruch, Julius T., Indianapolis, Ind. Deep fat cooking apparatus. 2,202,602; May 28.
Ruche, Edouard F., Lyon, France. Strip punching and verifying device. 2,210,779; Aug. 6.
Rucker, Harold M. B., St. Matthews, S. C. Apparatus for applying liquid insecticide to plants. 2,223,809; Dec. 3.
Ruckstahl, Alfred, Huntington Woods, Mich. Heater tube for furnaces. 2,220,582; Nov. 5.
Rudatis, Domenico. (See Bocca, C., and Rudatis.)
Rudd, Claus K. A., Everett, Wash. Chip packer and spreader for pulp mills. 2,187,330; Jan. 16.
Rudd, Harold E., Boonton, N. J. Internal combustion engine. 2,209,706; July 30.
Rudd, Harry B., Flushing, N. Y. Receptacle for refrigerator use. 2,218,724; Oct. 22.
Rudd, Harry B., Flushing, N. Y. Sealed container construction. 2,224,004; Dec. 3.
Rudd, Maurice A., North Plainfield, and K. B. Eller, Metuchen, N. J., assignors to Western Union Telegraph Company, New York, N. Y. Frequency doubling telegraph system. 2,200,344; May 14.
Ruddell, Stuart G., and T. Fraser, Winnipeg, Manitoba, Canada. Apparatus for forming tapered concrete piles. 2,217,258; Oct. 8.
Rudder, John W. (See Foster, John S., Sr., assignor.)
Ruddle, Allan B., San Francisco, Calif. Molded product. 2,193,346; Mar. 12.
Ruddle, Allan B., San Francisco, Calif. Molded product. 2,204,913; June 18.
Ruddle, Allan B., San Francisco, and E. H. Spotswood, El Cerrito, Calif. Composition of matter for cores. 2,214,349; Sept. 10.
Rude, Edward H., et al. (See Garthe, John, assignor.)
Rude, Oscar M., et al. (See Garthe, John, assignor.)
Rude, Robert L., assignor to The British American Oil Company, Limited, Toronto, Ontario, Canada. Processing flowing fluids or materials which are caused to pass through a processing zone. 2,217,634; Oct. 8.
Rude, Robert L., assignor to The British American Oil Company, Limited, Toronto, Ontario, Canada. Hydrocarbon conversion process and apparatus therefor. 2,217,636; Oct. 8.
Rude, Robert L., assignor to The British American Oil Company, Limited, Toronto, Ontario, Canada. Fluid meter. 2,217,643; Oct. 8.
Rude, Sylvester, and P. L. Miller, Kokomo, Ind., assignors to American Utensil Company. Washing machine. 2,223,578; Dec. 3.
Ruden, Arthur C., Euclid, assignor to Mid-West Forge Company, Cleveland, Ohio. Method of and apparatus for rolling blanks. Re. 21,501; July 2.
Ruden, Arthur C., Euclid, assignor to Mid-West Forge Company, Cleveland, Ohio. Method of and apparatus for rolling blanks. 2,187,753; Jan. 23.
Rudert, Benjamin G., Cape Girardeau, Mo. Lawn edger. 2,215,409; Sept. 17.
Rüdiger, Ernst, Berlin, Germany. Eraser. 2,223,921; Dec. 3.
Rudigier, Edward A., Baltimore, Md., assignor to Standard Oil Development Company. Steam spray sweeper. 2,218,625; Oct. 22.
Rudin, Jacob. (See Bowly, H. W., and Rudin.)
Rudolf, Henry J. G., Galesburg, Ill., assignor to The Applied Mechanics Co., Wellesley, Mass. Liquid-level indicator. 2,208,817; July 23.
Rudolph, Chester A., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Combination thermostatic switch. 2,204,231; June 11.
Rudolph, Walter, Stroudsburg, Pa. Automobile signal. 2,190,124; Feb. 13.
Rue, Albert A., Beaver, Wash. Paste tube closure. 2,197,082; Apr. 16.
Rue, Harold E., West Orange, N. J., assignor to The Atlantic Coast Fisheries Company, New York, N. Y. Fish treating machine. 2,208,644; July 23.
Rueb, Earl J., assignor to Quick Charge Battery Company, Oklahoma City, Okla. Battery plate. 2,213,850; Sept. 3.
Rueb, Theodore O., assignor to The Sherman-Klove Co., Chicago, Ill. Ratchet device. 2,188,846; Jan. 30.
Rueb, Theodore O., assignor to The Sherman-Klove Co., Chicago, Ill. Ratchet wrench. 2,202,402; May 28.
Ruedrich, Paul M. (See Lazar, A., and Ruedrich.)
Ruedrich, Paul M., Berkeley, and L. H. Sharp, Martinez, assignors to Tide Water Associated Oil Company, San Francisco, Calif. Gum inhibitor. 2,207,163; July 9.
Ruegg, Anton A., San Francisco, Calif. Rotary valve. 2,215,728; Sept. 24.
Ruegg, Arthur E., assignor of one-half to R. O. A. Haccius, London, England. Concrete molding apparatus. 2,196,874; Apr. 9.
Ruegg, Rudolf. (See Felix, F., and Ruegg.)
Ruehlmann, Louis E. (See Deisley, E. J., and Ruehlmann.)
Ruen, Henry C., assignor to Cleaners Hanger Company, Detroit, Mich. Garment hanger and shield. 2,221,848; Nov. 19.
Rueppel, Fred R., East Detroit, assignor to Clayton & Lambert Manufacturing Company, Detroit, Mich. Spare wheel and tire cover assembly. 2,189,407; Feb. 6.
Ruesch, Carl E., Sayreville, N. J. Safety windshield. 2,200,936; May 14.
Ruf, Carl Emil. (See Wild, Eugen, assignor.)
Ruf, Christian E., Poughkeepsie, N. Y. Dial gauge. 2,210,435; Aug. 6.
Ruff, Alonzo W., assignor to York Ice Machinery Corporation, York, Pa. Refrigeration. 2,200,302; May 14.
Ruffner, Jay S., Freeport, Ill. Sled. 2,203,060; June 4.
Ruffo, Paul, assignor of one-half by mesne assignments, to A. J. Mathieu, Miami, Fla. Ball and socket joint. 2,187,915; Jan. 23.
Rufle, George H., Astoria, Long Island, N. Y. Advertising device. 2,210,382; Aug. 6.
Ruge, Heinrich, J. H., assignor to the firm Vogel & Halke, Hamburg, Germany. Weighing machine. 2,216,421; Oct. 1.
Rugg, Walter S., and H. D. James, Pittsburgh, Pa. Building construction. 2,186,840; Jan. 9.
Rugg, Walter S., Pittsburgh, and H. D. James, Edgewood, Pa. Building. 2,205,109; June 18.
Rugg, Walter S., Pittsburgh, and H. D. James, Edgewood, Pa. Building unit and building. 2,217,184; Oct. 8.
Ruggiero, John. (See Torrens, Robert G., assignor.)
Ruggles-Klingemann Mfg. Co. (See Kimball, James L., assignor.)
Ruhl, David A., Chicago, Ill. Coupling device. 2,200,654; May 14.
Ruhl, Karl, Unna-Konigsborn, Germany. Automatic control for switching cars on and off mine cages. 2,187,100; Jan. 16.
Ruhrchemie Aktiengesellschaft. (See Clar, C., and Goethel, assignors.)

Ruhrchemie Aktiengesellschaft. (See Geiser, N., and Goethel, assignors.)
Ruhrchemie Aktiengesellschaft. (See Goethel, H., Tramm, and Schaller, assignors.)
Ruhrchemie Aktiengesellschaft. (See Kühnel, Paul, assignor.)
Ruhrchemie Aktiengesellschaft. (See Martin, F., R. Jung, and Tramm, assignors.)
Ruhrchemie Aktiengesellschaft. (See Tramm, H., and Kolling, assignors.)
Ruigh, William L. (See Major, R. T., and Ruigh.)
Rukop, Hans. (See Kümmich, R., and Rukop.)
Ruland, Fred F., Brookline, Mass. Cutting tool. 2,212,886; Aug. 27.
Rule, Bruce H. (See Whitehead, C. L., Chenoweth, Irwin, Duval, Huntley, Rule, and Lewis.)
Rulison, Earl L., assignor to Zee Development Corporation, Seattle, Wash. Recovery of precious metals present in sea water. 2,223,832; Dec. 3.
Rumble, Roy W., Pretoria, Transvaal, Union of South Africa. Adjustably curvable structural sheet. 2,197,318; Apr. 16.
Rummel, Roman, Ruhland, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Production of water gas. 2,204,003; June 11.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Organic sulphonated hydrogenated abietyl derivatives and producing. 2,190,734; Feb. 20.
Rumpel, Carl H., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regulated rectifier system. 2,210,732; Aug. 6.
Rumpel, Carl H., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vibratory frequency controlling device. 2,222,688; Nov. 26.
Rumpf, Herman. (See Rumpf, Irwin J., assignor.)
Rumpf, Irwin J., Burlingame, assignor of one-half to H. Rumpf, San Francisco, Calif. Mattress and upholstering pad. 2,194,569; Mar. 26.
Rumpler, George J., assignor to W. W. Patterson, Jr., West View, Pa. Link mechanism for turnbuckles. 2,198,181; Apr. 23.
Rumsey, Herbert Jr., Nutley, N. J. Apparatus and dispensing meat products. 2,226,442; Dec. 24.
Runaldue, Lewis R., Pittsfield, Mass., assignor to General Electric Company. Electric circuit control means. 2,200,968; May 14.
Rund, John W., Jr., Pesotum, Ill. Corn harvester. 2,210,341; Aug. 6.
Rundberg, Karl L., Brentwood, assignor to Da-Nite Products Company, St. Louis, Mo. Illuminated number sign. 2,225,961; Dec. 24.
Rundell, James E. See Tabern, D. L., Moore, Robinson, Frve, and Rundell.)
Rundell, Rupert E., Rockville Centre, N. Y., assignor to International Cigar Machinery Company. Delivery for tobacco strippers. 2,195,427; Apr. 2.
Rundell, Theodore W., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,194,177; Mar. 19.
Rundell, Theodore W., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,202,803; May 28.
Runge, Edna E. (See Kislingbury, M. R., and Runge.)
Runge, Frank E., Oaklyn, N. J., assignor to Radio Corporation of America. Motion picture framing device. 2,192,987; Mar. 12.
Runge, Frank E., Oaklyn, N. J., assignor to Radio Corporation of America. Recording of electrical impulses. 2,209,664; July 30.
Runge, George F., Minneapolis, Minn. Height measuring device. 2,215,884; Sept. 24.
Runge, Richard M., and E. B. Pascucci, assignors to The Miller Company, Meriden, Conn. Oil burner. 2,202,718; May 28.
Runge, Robert F., Philadelphia, and E. C. Brodin, Jenkintown, assignors to SKF Industries, Inc., Philadelphia, Pa. Securing a bearing to a shaft. 2,226,524; Dec. 24.
Runge, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Radio beacon system. 2,218,658; Oct. 22.
Runge, Wilhelm, and K. Röhrich, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Beam antenna. 2,217,321; Oct. 8.
Runge, Wilhelm, and A. Gothe, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Direction finder. 2,218,361; Oct. 15.
Runke, Glenn R., Wilkinsburg, Pa., and H. S. Gano, Bridgeport, Conn., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric switch enclosure. 2,215,299; Sept. 17.
Runkel, Philip J., Stevens Point, Wis. Switchboard circuits. 2,200.682; May 14.
Runnels, Garland D., Seattle, Wash. Tongue brush and scraper. 2,218,072; Oct. 15.
Runyan, Arthur, Valparaiso, Ind., assignor to Continental-Diamond Fibre Company, Newark, Del. Mica product. 2,224,523; Dec. 10.
Runyan, Arthur L., assignor to Translaphon Corporation, New York, N. Y. Mechanism for selectively reproducing, repeating, and charting sound record material. 2,201,204; May 21.
Ruoff, Gustav, Cologne, Germany, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Foil product. 2,185,649; Jan. 2.
Ruopp, George F., assignor to Marshalltown Manufacturing Company, Marshalltown, Iowa. Pressure gauge. 2,209,539; July 30.
Ruopp, George F., assignor to Marshalltown Manufacturing Company, Marshalltown, Iowa. Pressure gauge adjusting device. 2,209,540; July 30.
Ruopp, George F., Marshalltown, Iowa, assignor to Marshalltown Manufacturing Company. Double purpose single pointer gauge. 2,223,579; Dec. 3.
Ruopp, George F., Marshalltown, Iowa, assignor to Marshalltown Manufacturing Company. Gauge construction. 2,223,580; Dec. 3.
Rüping, Max, Frankfort-on-the-Main, Germany. Rail joint connection. 2,185,357; Jan. 2.
Rüping, Max, Munich, Germany, assignor to Elastic Rail Spike Corporation, New York, N. Y. Elastic securing of rails on timber sleepers. 2,195,038; Mar. 26.
Rupp, Carl F. H., Birmingham, and H. E. Rupp, assignors to Piano Master, Inc., Detroit, Mich. Instruction device for musical instruments. 2,223,009; Nov. 26.
Rupp, Herbert E. (See Rupp, Carl F. H. and H. E.)
Rupp, Kenneth A., assignor of one-tenth to J. H. Proudley, Jr., Pittsburgh, Pa. Massage table. 2,204,624; June 18.
Rupp, Raymond C., Kendallville, Ind. Ice creeper. 2,211,291; Aug. 13.
Rupp, Walter H., Elizabeth, G. L. Mateer, Roselle, and T. W. Moore, East Orange, N. J., assignor to Standard Oil Development Company. Bubble cap. 2,218,993; Oct. 22.
Ruppel, Frederick C., Grand Rapids, Mich. Wringer mechanism. 2,218,588; Oct. 22.
Ruppel, Frederick C., and R. H. Dietrich, Grand Rapids, Mich. Retractable automobile top. 2,215,363; Sept. 17.
Ruppel, Frederick H., Pasadena, Calif. Roof structure and truss therefor. 2,201,504; May 21.
Ruppert, Edward H. (See Lippincott, G. H., and Ruppert.)
Ruppert, Henry, Woodside, assignor to Leedall Products, Inc., New York, N. Y. Perforating machine. 2,189,742; Feb. 6.
Rupprecht, Friedrich, Neu-edingen, near Mannheim, and K. Münz, Mannheim, Friedrichfeld, Germany. Steering gear. 2,225,279; Dec. 17.
Rupprecht, Kenneth J. (See Chittenden, F. D., and Rupprecht.)
Rupprecht, Kenneth J. (See Foster, B. H., and Rupprecht.)
Ruprecht, Louis. (See Sheldon, William M., assignor.)
Rurup, Walter F., Santa Ana, Calif. Automatic bypass valve for oil well packer. 2,208,775; July 23.
Rüsch, Fritz, Lamerbusch, near Hilgen, and P. Sander, Leverkusen-Wiesdorf, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Head of convex barrels. 2,200,520; May 14.
Rusch, Hugo L., Crestwood, N. Y. Motor. 2,204,774; June 18.
Rusche, William I., Cincinnati, Ohio. Fender guard. 2,187,952; Jan. 23.
Ruschig, Heinrich. (See Bockmühl, M., Ehrhart, and Ruschig.)
Ruschig, Heinrich. (See Bockmühl, M., Ehrhart, Ruschig, and Aumüller.)
Rusco, Easborn. (See Nelson, C. E., and Rusco.)
Ruse, Carl R., assignor to Plastic Lights, Inc., Toledo, Ohio. Gaseous discharge tube and producing same. 2,215,440; Sept. 17.
Ruse, Carl R., assignor to Plastic Lights, Inc., Toledo, Ohio. Gaseous discharge tube and producing same. 2,215,441; Sept. 17.
Rush, Jay B., J. A. Mahr, and C. H. Decker, Minneapolis, Minn.; said Mahr assignor to said Rush. Bed tray. 2,193,647; Mar. 12.
Rush, John O., Mobile, Ala. Airplane with retractable landing gear. 2,222,376; Nov. 19.
Rush, Joseph H. (See White, Frank J., assignor.)
Rush, Merle K. (See Pound, H. W., and Rush.)
Rush, Weaver A., Beatrice, Nebr. Traveling bag for automobiles. 2,196,341; Apr. 9.
Rushbrook, Lloyd W., Kendall, N. Y. Disk attachment for spring-toothed harrows. 2,211,675; Aug. 13.
Rushforth, Leonard. (See Bagor, D., and Rushforth.)
Rushing, Herschel L., Nashville, Tenn. Comb frame for beehives. 2,201,100; May 14.
Rushmore, Samuel W., Plainfield, N. J. Fusible control for manually adjustable devices. 2,197,621; Apr. 16.
Rushmore, Samuel W., Plainfield, N. J. Self-adjusting cam-lift poppet valve. 2,211,585; Aug. 13.
Ruska, Ernst. (See Langenwalter, H-W., and Ruska.)
Ruska, Ernst. (See Schunack, J., and Ruska.)
Ruska, Ernst. (See Schwartz, E., and Ruska.)
Ruska, Ernst. (See Von Borries, B., and Ruska.)
Ruska, Ernst, Berlin-Zehlendorf, assignor to the firm Fernseh Aktiengesellschaft Zehlendorf, near Berlin, Germany. Deflecting coil. 2,186,595; Jan. 9.

Ruska, Ernst, Berlin-Zehlendorf, assignor to the firm of Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Magnetic deflecting system for braun tubes. 2,206,125; July 2.
Ruska, Ernst, Berlin-Zehlendorf, assignor to the firm Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Magnetic deflecting system for Braun tubes. 2,208,939; July 23.
Ruska, Ernst, Berlin-Zehlendorf, assignor to the firm Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. Electron multiplier. 2,213,769; Sept. 3.
Ruska, Ernst, and W. Reichel, Berlin-Zehlendorf, and R. Colberg, Berlin-Dahlem, assignors to the firm Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. Cathode ray projection tube. 2,201,245; May 21.
Ruska, Leslie C., Cicero, Ill. Automobile glass control lock. 2,190,047; Feb. 13.
Ruskamp, Joseph, Dodge, Nebr. Valve. 2,212,303; Aug. 20.
Ruskin, Henry, Chicago, Ill. Wire splicer. 2,191,544; Feb. 27.
Ruskin, Simon L., New York, N. Y. Fountain pen. 2,199,293; Apr. 30.
Ruskin, Simon L., New York, N. Y. Iron compound of nucleotides and their organic hydrolytic decomposition products and making same. 2,215,233; Sept. 17.
Rusler, George W., Penn Township, Allegheny County, V. V. Vacquier, Oakmont, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Formation tester. 2,218,155; Oct. 15.
Rusnak, John M., West Hartford, assignor to Niles-Bement-Pond Company, Hartford, Conn. Tool mounting for machine tool spindles. 2,212,406; Aug. 20.
Russ, Harley W., Haverhill, Mass., assignor to United Shoe Machinery Company, Borough of Flemington, N. J. Heel-slotting machine. 2,220,915; Nov. 12.
Russ, John M., Jr., and H. R. Fife, Pittsburgh, Pa., assignors to Carbide and Carbon Chemicals Corporation. Solvent extraction of petroleum oils. 2,210,383; Aug. 6.
Russel, John J., Aylesbury, England. Piston. 2,194,247; Mar. 19.
Russel, Philip S., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,197,262; Apr. 16.
Russel, Philip S., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,218,975; Oct. 22.
Russell, Alfred, Urbana, Ill., and J. W. Copenhaver, assignors to Röhm & Haas Company, Philadelphia, Pa. Tanning material. 2,191,943; Feb. 27.
Russell, Alfred, and J. W. Copenhaver, assignors to Röhm & Haas Company, Philadelphia, Pa. Tanning material. 2,204,512; June 11.
Russell, Alfred R., Detroit, Mch., assignor to The Burkhardt Company. Loose leaf binder mounting. 2,208,231; July 16.
Russell, Allie Y., Baltimore, Md. Toothbrush. 2,209,173; July 23.
Russell, Barney G., Camden, Ark. Optometric apparatus. 2,225,846; Dec. 24.
Russell, Boyd T., et al. (See Morris, Sam J., assignor.)
Russell, Burdsall & Ward Bolt & Nut Company. (See MacDonald, Robert A., assignor.)
Russell, Charles R. (See Kennedy, C. C., and Russell.)
Russell, Charles R., assignor to The Dow Chemical Company, Midland, Mich. Preparation of butadiene. 2,207,760; July 16.
Russell, Charles V., Miles City, Mont. Mixer. 2,204,029; June 11.
Russell, Edward A., assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Heating apparatus. 2,213,053; Aug. 27.
Russell, Edward A., and J. Yindrock, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. High pressure steam trap. 2,224,989; Dec. 17.
Russell, Edward P., et al. (See Scurlock, Lewis H., assignor.)
Russell, Frank, and A. B. Wimpey, assignors to Great Western Cordage, Inc., Los Angeles, Calif. Cordage display rack. 2,193,208; Mar. 12.
Russell, Frederick J. (See Nietz, A. H., and Russell.)
Russell, George L., and E. F. Lindahl, Spokane, Wash. Multiple garment hanger. 2,191,401; Feb. 20.
Russell, Guy E. (See Barnes, Robert, assignor.)
Russell, Howard W., and L. R. Jackson, Columbus, Ohio, assignors, by mesne assignments, to The Indiana Steel Products Company, Chicago, Ill. Permanent magnet alloy and making the same. 2,207,685; July 9.
Russell, Irving H. (See Sloan, W. E., and Russell.)
Russell, James H., Zionsville, Ind. Hot air furnace circulating means. 2,214,479; Sept. 10.
Russell, John D., assignor, by mesne assignments, to Joy Manufacturing Company, Franklin, Pa. Shuttle car. 2,192,650; Mar. 5.
Russell, John F., New York, N. Y. Method of and apparatus for handling milk. 2,226,946; Dec. 31.
Russell, John J., Schenectady, N. Y., assignor to General Electric Company. Plasticized polyvinyl halide composition. 2,227,154; Dec. 31.
Russell, John K., Los Angeles, Calif., assignor to S. M. Dover, Chicago, Ill. Spotlight. 2,212,048; Aug. 20.
Russell, Kenneth L. (See Bell, A. C., Miles, and Russell.)
Russell, Kenneth L. (See Muncie, F. W., and Russell.)
Russell, Linus E., and G. E. Peters, assignors to Peters and Russell, Inc., Springfield, Ohio. Pneumatic pump. 2,200,012; May 7.
Russell Manufacturing Company, The. (See Dowd, Raymond E., assignor.)
Russell Manufacturing Company, The. (See Harwood, Channing E., assignor.)
Russell Manufacturing Company, The. (See Hendley, James A., assignor.)
Russell Manufacturing Company, The. (See Stoehla, A. D., and Richter, assignors.)
Russell Manufacturing Company, The. (See Taylor, Schuyler J., assignor.)
Russell Manufacturing Company. (See Walters, Gustav, assignor.)
Russell, Mark N. (See Pennock, R. S., and Russell.)
Russell, Marvin W., and P. G. Miller, Royalty, Tex. Sand and gas trap. 2,189,272; Feb. 6.
Russell, Robert C., Dallas, Tex., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Automatic clutch operating mechanism. 2,189,225; Feb. 6.
Russell, Robert C., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Automotive drive axle. 2,191,833; Feb. 27.
Russell, Robert H., assignor to Rockwood Sprinkler Company of Massachusetts, Worcester, Mass. Sprinkler 2,199,142; Apr. 30.
Russell, Robert L., and R. V. Molby, Detroit, assignors of one-third to W. B. Russell, Birmingham, Mich. Elapsed time indicator. 2,204,868; June 18.
Russell, Robert P., Short Hills, N. J., assignor to Standard Oil Development Company. Coated edible product. 2,217,322; Oct. 8.
Russell, Rollo G. (See Dibble, M. A., McCormick, and Russell.)
Russell, Rollo G. (See McCormick, G. R., and Russell.)
Russell, Samuel G., and E. D. Clickner, assignors to Shakespeare Company, Kalamazoo, Mich. Level wind fishing reel. 2,208,805; July 23.
Russell, Stanley, Racine, Wis., assignor, by mesne assignments, to The Ohio Cultivator Company. Baling machine feeder. 2,205,278; June 18.
Russell, Stanley, Vincennes, Ind., assignor, by mesne assignments, to The Ohio Cultivator Company. Bale block dropper. 2,208,056; July 16.
Russell, Stanley W. (See Hughes, J. M., Russell, and Warren.)
Russell & Stoll Company. (See Glasgow, Ernest M., assignor.)
Russell, Wilford B., et al. (See Russell, R. L., and Molby, assignors.)
Russell, Wilson A., Hartford, Conn. Blade sharpener. 2,189,474; Feb. 6.
Russell, William J. (See Arnold, E. E., and Russell.)
Russia Cement Company. (See Edson, E. R., and Mach, assignors.)
Rust, David J., San Leandro, Calif., assignor to Ry-Lock Company, Ltd. Combination Venetian blind, drapery rail, and cornice mount. 2,206,514; July 2.
Rust, Edgar H., Denver, Colo., assignor of twenty-five per cent to G. M. Dolezal, twenty-five per cent to J. H. Singleton, and twenty-five per cent to R. H. Fox, Denver, Colo. Can rack. 2,212,129; Aug. 20.
Rust Engineering Company, The. (See Spencer, Everett B., assignor.)
Rust, Frederick F. (See Beeck, O., and Rust.)
Rust Furnace Company, The. (See Rice, Orville D., assignor.)
Rust, John D., Memphis, Tenn. Cotton picking machine. 2,200,303; May 14.
Rust, Nöel M. (See Keall, O. E., and Rust.)
Rust, Noël M., Chelmsford, England, assignor to Radio Corporation of America. Signaling system. 2,200,725; May 14.
Rust, Noël M., Chelmsford, England, assignor to Radio Corporation of America. Piezoelectric crystal filter with inductive shunt. 2,204,702; Mar. 18.
Rust, Noël M., Chelmsford, England, assignor to Radio Corporation of America. Modulation system. 2,209,541; July 30.
Rust, Noël M., Chelmsford, England, assignor to Radio Corporation of America. Automatic frequency control. 2,217,294; Oct. 8.
Rust, Noël M., Chelmsford, England, assignor to Radio Corporation of America. Thermionic amplifier. 2,224,699; Dec. 10.
Rust, Nöel M., Chelmsford, and G. F. Brett, London, England, assignors to Radio Corporation of America. Electron discharge device. 2,190,735; Feb. 20.
Rust, Noël M., and G. F. Brett, Chelmsford, London, England, assignor to Radio Corporation of America. Thermionic valve and circuit. 2,205,069; June 18.
Rust, Noël M., Chelmsford, and J. Douglas Brailsford, London, England, assignors to Radio Corporation of America. Electrical filter arrangement. 2,210,384; Aug. 6.
Rust, Noël M., and E. F. Goodenough, Chelmsford, England, assignors to Radio Corporation of America. High frequency circuit arrangement. 2,215,796; Sept. 24.
Rust, William M., Jr. (See Mounce, W. D., and Rust.)
Rustad, Arthur C., Brooklyn, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Telefacsimile method and apparatus. 2,209,719; July 30.

Rustad, Arthur C., Brooklyn, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Telefacsimile scanner. 2,209,720; July 30.
Rustless Iron and Steel Corporation. (See Feild, Alexander L., assignor.)
Rustless Iron and Steel Corporation. (See Krivobok, Vseolod N., assignor.)
Ruszczyk, John, Norwich, Conn. Counter construction for stitch-down shoes. 2,200,655; May 14.
Rutbell, Clarence C. (See Mair, W. J., and Rutbell.)
Rutenber, Edwin A., assignor to Gibson Electric Refrigerator Corporation, Greenville, Mich. Broiler plate and handle therefor. 2,211,030; Aug. 13.
Rutenber, Edwin A., assignor to Gibson Electric Refrigerator Corporation, Greenville, Mich. Support for electric heating elements and making same. 2,226,781; Dec. 31.
Rutenber, Elwood R. (See Pope, A. W., Jr., and Rutenber.)
Rütgerswerke-Aktiengesellschaft. (See Dietzel, Ewald, assignor.)
Rütgerswerke-Aktiengesellschaft. (See Kahl, Leopold, assignor.)
Rütgerswerke-Aktiengesellschaft. (See Schwemmer, Velt, assignor.)
Ruthardt, Konrad. (See Aüwarter, M., and Ruthardt.)
Ruthenburg, Louis, Birmingham, Mich., assignor to Servel, Inc., New York, N. Y. Refrigerator. 2,185,953; Jan. 2.
Rutherford, Paul H., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Electric motor. 2,203,927; June 11.
Rutherford Press, Inc. (See Lounsbury, Jesse H., assignor.)
Ruthruff, Robert F. (See Turkevich, J., and Ruthruff.)
Ruthruff, Robert F., Nutley, assignor by mesne assignments to The Polymerization Process Corporation, Jersey City, N. J. Conversion of hydrocarbons. 2,189,655; Feb. 6.
Ruthruff, Robert F., Nutley, N. J., assignor to Standard Oil Company, Chicago, Ill. Cracking hydrocarbon oils. 2,207,598; July 9.
Ruthruff, Robert F., Nutley, N. J., assignor to Standard Oil Company, Chicago, Ill. Conversion of hydrocarbon oils into gasoline. 2,221,425; Nov. 12.
Ruths, Robert J., Baltimore, Md., and H. L. Dodson, U. S. Navy. Variable pitch propeller. 2,187,754; Jan. 23.
Ruths, Robert J., Baltimore, Md., and H. L. Dodson, U. S. Navy. Fluid pressure operated variable pitch propeller. 2,188,313; Jan. 30.
Ruths, Robert J., Baltimore, Md., and H. L. Dodson, United States Navy. Hub construction for variable pitch propellers. 2,208,602; July 23.
Ruths, Robert J., Baltimore, Md., and H. L. Dodson, United States Navy. Hydraulic operated variable pitch propeller. 2,210,009; Aug. 6.
Ruthsaccumulator A. S. (See Kielland, Kaspar K., assignor.)
Ruthven, William, Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Punch support. 2,197,349; Apr. 16.
Rutkowski, Walter L., Normandy, assignor to R. C. Can Company, St. Louis, Mo. Combined powder container package and spray gun. 2,195,800; Apr. 2.
Rutkowski, Walter L., Normandy, assignor to R. C. Can Company, St. Louis, Mo. Combined powder container package and spray-gun. 2,215,937; Sept. 24.
Rutledge, George E., assignor to Vassar Company, Chicago, Ill. Garment crotch construction. 2,193,467; Mar. 12.
Rutledge, John W., et al. (See Lewis, George W., assignor.)
Rutledge, Richard E. (See Howell, H. H., and Rutledge.)
Rutledge, Rubertus W., Lenoir, N. C. Two-pass water tube boiler. 2,226,076; Dec. 24.
Rutten, Joe J., Osakis, Minn., and W. Rutten, Plainfield, Ill. Chute for silos. 2,209,420; July 30.
Rutten, Peter, Plainfield, Ill. Metal siding for silos. 2,187,282; Jan. 16.
Rutten, Walter. (See Rutten, Joe J., and W.)
Ruttenauer, Alfred. (See Fritze, O., and Ruttenauer.)
Ruttenberg, Samuel, New York, N. Y. Acoustic compensator. 2,196,342; Apr. 9.
Ruttiman, Alfred. (See Meyer, J. W., Jr., and Ruttiman.)
Rüttimann, Robert, Beromunster, Switzerland. Device for pasteurizing liquids. 2,215,729; Sept. 24.
Rutzler, John E., Jr. (See Bancroft, W. D., Wilson, and Rutzler.)
Ruzicka, John, assignor to Atlantic Zinc Works, Inc., Brooklyn, N. Y. Alloy. 2,222,157; Nov. 19.
Ruzicka, Leopold, Zurich, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Cyclic esters and preparing same. 2,209,004; July 23.
Ruzicka, Leopold, Zurich, and A. Wettstein, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of polynuclear unsaturated cyclic polyketones. 2,194,235; Mar. 19.
Ryan Aeronautical Co., The. (See Boyd,, Millard C., assignor.)
Ryan Aeronautical Co., The. (See Rohr, Fred H., assignor.)
Ryan Aeronautical Co., The. (See Rohr, Frederick H., assignor.)
Ryan, Albert O., Trenton, N. J., assignor to The Barrett Company, New York, N. Y. Producing vulcanized articles from latex. 2,195,827; Apr. 2.
Ryan, Byron F., Los Angeles, Calif, assignor to Warner Brothers Pictures, Inc. Microphone umbrella. 2,207,823; July 16.
Ryan, Charles R., administrator. (See Moulton, Lloyd W.)
Ryan, Edmund C., assignor to The Ohio Brass Company, Mansfield, Ohio. Current collector shoe. 2,185,268; Jan. 2.
Ryan, Edmund C., assignor to The Ohio Brass Company, Mansfield, Ohio. Current collector. 2,185,269; Jan. 2.
Ryan, Edmund C., assignor to The Ohio Brass Company, Mansfield, Ohio. Current collecting device. 2,185,270; Jan. 2.
Ryan, George E., assignor to Superior Manufacturing Company, Fitchburg, Mass. Staple strip manufacture. 2,223,241; Nov. 26.
Ryan, George F., Peabody, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Nibbling machine. 2,204,258; June 11.
Ryan, Harry S., and W. C. Batt, York, Pa. Water eliminator. 2,204,998; June 18.
Ryan, Joseph C. (See Hayes, W. A., and Ryan.)
Ryan, Joseph D. (See Watkins, G. B., and Ryan.)
Ryan, Joseph D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Plastic for laminated safety glass. 2,205,020; June 18.
Ryan, Joseph D., and G. B. Watkins, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Laminated safety glass. 2,188,395; Jan. 30.
Ryan, Joseph D., and J. D. Gwyn, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Laminated safety glass. 2,200,969; May 14.
Ryan, Joseph F., assignor to Cummins Perforator Company, Chicago, Ill. Perforator. 2,219,908; Oct. 29.
Ryan, Josephine M., Vancouver, British Columbia, Canada. Hand loom. 2,218,994; Oct. 22.
Ryan, Lonnie W., Westfield, and W. J. Cauwenberg, Newark, N. J., assignors, by mesne assignments, to Interchemical Corporation, New York, N. Y. Pigment and method of manufacture. 2,207,416; July 9.
Ryan, Maurice L., St. Paul, Minn., assignor, by mesne assignments, to Trico Products Corporation. Attachment for windshield wipers. Re. 21,367; Feb. 20.
Ryan, Patrick J., Royal Oak, assignor, by mesne assignments, to Reichhold Chemicals, Inc., Detroit, Mich. Preparation of pigmented coatings. 2,211,912; Aug. 20.
Ryan, Patrick J., Royal Oak, and A. G. Hovey, Pleasant Ridge, assignors to Reichhold Chemicals, Inc., Detroit, Mich. Producing maleic anhydride-glycerine-rosin resin. 2,211,913; Aug. 20.
Ryan, William D., and R. H. Hendrickson, Rochester, N. Y. Machine for decoding symbols. 2,204,153; June 11.
Ryan, William J., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,189,226; Feb. 6.
Ryan, William J., Davenport, Lowa, assignor to R. J. Burton, Detroit, Mich. Brake. 2,222,858; Nov. 26.
Ryan, William J., Wilmington, and M. T. Kendall, Long Beach, Calif., assignors to The Texas Company, New York, N. Y. Corrosion inhibitor. 2,226,106; Dec. 24.
Ryba, Edward, Chicago, Ill. Dispenser. 2,185,775; Jan. 2.
Rybár, Istvân, assignor of one-half to the firm Präcisions Mechanische und Optische Anstalt Ferdinand Süss A. G., Budapest, Hungary. Damping mechanism for oscillating systems. 2,209,140; July 23.
Ryde, John W. (See Breadner, R. L., Randall, and Ryde.)
Ryde, John W., Wembley, England, assignor to General Electric Company. High-pressure metal-vapor electric discharge device. 2,215,300; Sept. 17.
Ryden, Eric H. (See Branche, N. T., Ryden, and Schickler.)
Ryder, Bruce E., Canandaigua, N. Y. Battery terminal clamp. 2,196,327; Apr. 9.
Ryder, Charles D., Covington, assignor to The Grotelite Company, Bellevue, Ky. Overfeed device. 2,202,269; May 28.
Ryder, Charles D., Covington, assignor to The National Colortype Company, Bellevue, Ky. Prismatic reflecting structure. 2,216,325; Oct. 1.
Ryder, Clifford, Manchester, England, assignor to General Electric Company. Protective arrangement. 2,203,548; June 4.
Ryder, Earle A., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Forming bearings. 2,187,755; Jan. 23.
Ryder, Earle A., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Crankshaft construction. 2,209,542; July 30.
Ryder, Elmer, Berwyn, Ill. Fan. 2,208,084; July 16.
Ryder, John D., University Heights, Ohio, assignor to Bailey Meter Company. Telemetric system. 2,211,711; Aug. 13.
Ryder, John D., South Euclid, Ohio, assignor to Bailey Meter Company. Telemetric system. 2,215,254; Sept. 17.
Rydquist, Adolph, assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Mounting for grip cords. Re. 21,327; Jan. 16.

Rydquist, Adolph, assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Weather stripping and the like. 2,192,651; Mar. 5.
Ryerson, Creighton W., Jackson, Mich., assignor to Ryerson & Haynes Inc. Tire cover. 2,189,182; Feb. 6.
Ryerson, Creighton, W., Jackson, Mich., assignor to Ryerson & Haynes, Inc. Tire cover. 2,219,534; Oct. 29.
Ryerson, Gerald E., Washington, D. C. Split cycle internal combustion engine. 2,211,292; Aug. 13.
Ryerson & Haynes Inc. (See Ryerson, Creighton W., assignor.)
Ryerson, Theodore M., et al. (See Collins, Calhoun, assignor.)
Ryker, Harrison C., Oakland, Calif. Adjustable pocket stereoscope. 2,225,602; Dec. 17.
Ryland, Otto C., and E. G. Ankeney, Los Angeles, Calif. Hanger for rackets, tools, and the like. 2,212,049; Aug. 20.
Ryland, Robert B., et al. (See Chapman, Arthur J., assignor.)
Rylander, Anders J. E., Stockholm, Sweden. Strut for cycles and similar vehicles. 2,201,922; May 21.
Rylander, Andrew E., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Rivet feeding mechanism. 2,186,841; Jan. 9.
Ry-Lock Company, Ltd. (See Rust, David J., assignor.)
Rylsky, Gregory V., New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Compass. 2,188,821; Jan. 30.
Rylsky, Gregory V., New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Inclinometer. 2,205,544; June 25.
Rylsky, Gregory V., New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Rate of climb responsive means. 2,214,181; Sept. 10.
Rylsky, Gregory V., New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Illuminating means for navigating instruments. 2,221,152; Nov. 12.
Rylsky, Gregory V., New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Illuminating adapter for instruments. 2,227,368; Dec. 31.
Rylsky, Gregory V., New York, and L. E. Trefny, Corona, Long Island, N. Y., assignors to Bendix Aviation Corporation, South Bend, Ind. Drift meter. 2,215,565; Sept. 24.
Rymal, Hazen L., Refugio, Tex. Method and apparatus for forming mud seals. 2,193,144; Mar. 12.
Rymal, Theodore R., Refugio, Tex. Pump. 2,191,861; Feb. 27.
Ryner, Arthur, assignor to Preservators Limited, London, England. Impregnation of paper or other materials, more especially for the protection of vegetable and animal goods during storage. 2,185,954; Jan. 2.
Rysick, Arno, Dresden, Germany. Sound recording machine. 2,195,758; Apr. 2.
Rzeppa, Alfred H., Grosse Pointe, Mich. Driving axle. 2,187,843; Jan. 23.
S K F Industries, Inc. (See Brodin, Eric C., assignor.)
SKF Industries, Inc. (See Runge, R. F., and Brodin, assignors.)
S-M News Company Inc. (See Rogers, William A., assignor.)
S. & P. Manufacturing Company. (See Skolrud, Arthur E., assignor.)
S P O Incorporated. (See Parker, Raymond A., assignor.)
S. & S. Corrugated Paper Machinery Co. (See Roselius, L. W., and Peropat, assignors.)
S. & S. Corrugated Paper Machinery Co. (See Shields, Albert F., assignor.)
S & S Corrugated Paper Machinery Co. (See Stern, I., Skolnikoff, Pesqueira, and Ostrolenk.)
S & S Corrugated Paper Machinery Co. (See Ungar, Gustave A., assignor.)
S & W Fine Foods, Inc. (See Carroll, Ellsworth W., assignor.)
S & W Fine Foods, Inc. (See Lachman, Charles, assignor.)
Saari, Nels, Minneapolis, Minn. Ski sled. 2,209,830; July 30.
Saarinen, Armas J. (See Siebecker, W. P., and Saarinen.)
Saathoff, George W., South Orange, N. J. Steam generator. 2,206,265; July 2.
Saaty, Theodore N., Providence, R. I., assignor to Screw Machine Products Company, Inc. Telephone system. 2,213,933; Sept. 3.
Sabalitschka, Theodor. (See Böhm, E., and Sabalitschka.)
Sabatello, Albert, Brooklyn, N. Y. Template construction for pipe installations. 2,205,311; June 18.
Sabatt, Charles, and D. F. Manion, Jr., Oil City, assignors to Rouseville Cooperage Company, Rouseville, Pa. Non-refillable drum. 2,195,321; Mar. 26.
Sabattis, Ethel, Broadalbin, N. Y. Dental plate case. 2,196,566; Apr. 9.
Sabel, Edward R., and F. I. Galbrecht, assignors to The Haloid Company, Rochester, N. Y. Slitting and cut-off mechanism for sheet material. 2,216,629; Oct. 1.
Sabel, Isadore, Philadelphia, Pa., and L. S. Macdonald, Brockton, Mass.; said Macdonald assignor to Thompson Bros. Shoe Co., Brockton, Mass. Corrective shoe. 2,216,630; Oct. 1.
Sabin, Herbert B., Shaker Heights, Ohio, assignor to The Garland Company. Painting device. 2,226,634; Dec. 31.
Sabine Steel & Construction Corporation. (See Britten, J. F., King, and Baumbard, assignors.)
Sabins, Rolland C., White Bear Lake, Minn. Automatic acetylene gas generator. 2,190,272; Feb. 13.
Sabins, Rolland C., Dupuyer, assignor of one-half to C. A. Akofer, Valier, Mont. Liquid fuel heating apparatus. 2,212,077; Aug. 20.
Sabins, Rolland C., Dupuyer, assignor of one-half to C. A. Akofer, Valier, Mont. Oil burning heating apparatus. 2,212,078; Aug. 20.
Sabiston, Larkin, Detroit, Mich., assignor to Louisville Cement Company, Inc., Louisville, Ky. Bricklayer's line pin. 2,208,085; July 16.
Sabo, Louis, assignor to Delman, Inc., New York, N. Y. Brad. 2,226,141; Dec. 24.
Sabol, Ernest J. (See McKernan, A. J., and Sabol.)
Sabol, Ernest J., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Stud terminal rail bond. 2,221,491; Nov. 12.
Saborsky, Arthur D., Rossford, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Heat insulation. 2,192,933; Mar. 12.
Sacerdote, Guido M., Bayside, N. Y. Cooking set. 2,202,320; May 28.
Sacha, Nelson E., East Cleveland, assignor to N. M. Gottschalt, Cleveland, Ohio. Gear pump. 2,210,152; Aug. 6.
Sachanen, Alexander N., and A. W. Francis, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Production of naphthalene. 2,194,449; Mar. 19.
Sachanen, Alexander N., and P. G. Waldo, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Resinous material. 2,198,318; Apr. 23.
Sachanen, Alexander N., and A. W. Francis, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Motor fuel. 2,211,732; Aug. 13.
Sachanen, Alexander N., and P. G. Waldo, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Resinous material. 2,220,290; Nov. 5.
Sachanen, Alexander N., and R. C. Hansford, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Dealkylation process. 2,222,632; Nov. 26.
Sachanen, Alexander N., and R. C. Hansford, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Treatment of petroleum products. 2,223,133; Nov. 26.
Sachs, Albert P., New York, N. Y., assignor to Petroleum Conversion Corporation, Elizabeth, N. J. Treatment of oils with phosphorus pentoxide. 2,191,043; Feb. 20.
Sachs, Albert P., New York, assignor to Petroleum Conversion Corporation, Elizabeth, N. J. Making coke from hydrocarbon residues. 2,205,631; June 25.
Sachs, Charles M. (See Rosenthal, W., and Sachs.)
Sachs, Joseph, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker. 2,185,524; Jan. 2.
Sachs, Joseph, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker. 2,185,525; Jan. 2.
Sachs, Joseph, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker. 2,209,351; July 30.
Sachs, Joseph, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker assembly. 2,209,353; July 30.
Sachs, Joseph, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker. 2,209,848; July 30.
Sachs, Joseph, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker. 2,210,259; Aug. 6.
Sachs, Joseph, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker. 2,210,260; Aug. 6.
Sachs, Joseph, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker. 2,210,261; Aug. 6.
Sachs, Joseph, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker. 2,210,262; Aug. 6.
Sachs, Joseph, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker. 2,210,263; Aug. 6.
Sachs, Joseph, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Electric switch. 2,210,501; Aug. 6.
Sachs, Joseph, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker. 2,224,990; Dec. 17.
Sachs, Joseph, West Hartford, and P. M. Christensen, Newington, assignors to Colt's Patent Fire Arms Manufacturing Company, Hartford Conn. Automatic circuit breaker. 2,209,352; July 30.
Sachs, Joseph M. (See Chard, George F., assignor.)
Sachsische Textilmaschinenfabrik vorm Rich. Hartmann Aktiengesellschaft. (See Schmitt, Karl J., assignor.)
Sachsse, Hans, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of acetylene. 2,195,227; Mar. 26.

Sachtleben Aktiengesellschaft für Bergbau und Chemische Industrie. (See Eulenstein, F., and Krus, assignors.)
Sachtleben, Lawrence T., Camden, N. J., assignor to Radio Corporation of America. Bottle inspecting device. 2,192,580; Mar. 5.
Sachtleben, Lawrence T., Camden, N. J., assignor to Radio Corporation of America. Bottle inspecting device. 2,200,100; May 7.
Sachtleben, Lawrence T., Camden, N. J., assignor to Radio Corporation of America. Sound film printer. 2,203,879; June 11.
Sachtleben, Lawrence T., Camden, N. J., assignor to Radio Corporation of America. Monitoring optical system for sound film apparatus. 2,206,645; July 2.
Sachtleben, Lawrence T., Camden, N. J., assignor to Radio Corporation of America. Sound recording apparatus. 2,225,714; Dec. 24.
Sack, Alfred. (See Albers, F., Trabert, Sack, Jessien, Dieterle, and Riester.)
Sackett, Ernest D., West Somerville, Mass., assignor of one-half to North American Holding Corporation, and one-half to Parshad Holding Corporation, Syracuse, N. Y. Shoe filler composition and method of making. 2,192,934; Mar. 12.
Sackett, Everett B., Cambridge, Mass. Portable reel construction. 2,217,323; Oct. 8.
Sackner Bag Company. (See Sackner, W. E., and Millett, assignors.)
Sackner, Wade E., and J. E. Millett, assignors to Grand Rapids Fibre Cord Company, Grand Rapids, Mich. Imitation reed and forming same. 2,195,096; Mar. 26.
Sackner, Wade E., and J. E. Millett, assignors to Sackner Bag Company, Grand Rapids, Mich. Forming open mesh bags. 2,202,996; June 4.
Sackner, Wade E., and J. E. Millett, assignors to Grand Rapids Fibre Cord Company, Grand Rapids, Mich. Reed fabric. 2,219,115; Oct. 22.
Sacks, Bernice Y., Los Angeles, Calif. Shield. 2,191,589; Feb. 27.
Sacks, Philip, Elizabeth, and M. M. McCoy, Whippany, N. J. Brake locking mechanism for automobiles. 2,224,747; Dec. 10.
Saco-Lowell Shops. (See Cotchett, Louis M., assignor.)
Saco-Lowell Shops. (See Curley, R. S., and Shaw, assignors.)
Saco-Lowell Shops. (See Kennedy, John A., assignor.)
Saco-Lowell Shops. (See Marsh, Henry R., assignor.)
Saco-Lowell Shops. (See Nutting, Gerry B., assignor.)
Saco-Lowell Shops. (See Paterson, James, assignor.)
Saco-Lowell Shops. (See Shaw, W., and MacLean, assignors.)
Sacramento Pipe Works. (See Haversak, Frederick W., assignor.)
Sacrey, Elmer P., Syracuse, N. Y. Cutter head. 2,221,458; Nov. 12.
Sadler, Benjamin H., Fairfield, Ala. Self-locking hanger. 2,193,699; Mar. 12.
Sadler, John O., Indianapolis, Ind. Combined seat and bed for infants. 2,208,392; July 16.
Sadler, Luther, assignor of one-half to C. E. Remaly, Los Angeles, Calif. Railway crossing. 2,195,876; Apr. 2.
Sadlon, Martin M. (See Lieber, E., and Sadlon.)
Saegebarth, Erich, Long Island City, N. Y., assignor to Edeleanu Gesellschaft, m. b. H. Refining waxy mineral lubricating oils. 2,207,693; July 9.
Saeman, Jerome F. (See Sherrard, E. C., Harris, and Saeman.)
Safe Guard Corporation. (See Whitaker, John, assignor.)
Safe-Guard, Inc. (See Jacobs, Arthur E., assignor.)
Safetee Torpedo Corporation. (See Rosenberg, Adolph H., assignor.)
Safetee Torpedo Corporation. (See Sherman, Louie A., assignor.)
Safety Ashtrays Limited. (See Gee, Govan, assignor.)
Safety Belt-Lacer Company. (See Briggs, Orville B., assignor.)
Safety Belt Lacer Company. (See Briggs, O. B., and Lamb, assignors.)
Safety Car Heating & Lighting Company, The. (See Riconda, Leo J., assignor.)
Safety Car Heating & Lighting Company, The. (See Schepmoes, Lindsley, assignor.)
Safety Car Heating & Lighting Company, The. (See Strobell, John D., assignor.)
Safety Motor Control Co. (See Salmen, John, assignor.)
Safety Signs, Inc. (See Metreger, Alan, assignor.)
Saffell, Harold V., Los Angeles, Calif. Roasting rack. 2,222,089; Nov. 19.
Saffell, Harold V., Los Angeles, Calif., assignor to Tetco Co. Fire extinguisher. 2,225,320; Dec. 17.
Saffert, Paul. (See Esselmann, P., Kösslinger, and Saffert.)
Saffert, Paul. (See Kleine, J., Zetzsche, and Saffert.)
Saffir, Jacob A. (See La Due, J. B., and Saffir.)
Saffir, Jacob A., assignor to J. W. Frankel, Chicago, Ill. Device for preserving local anesthetic solutions. 2,215,479; Sept. 24.
Saffir, Jacob A., Chicago, Ill., and H. G. Bartsch, Washington, D. C.; said Bartsch assignor to said Saffir. Photographic illuminating equipment. 2,191,402; Feb. 20.
Saffold, James W., Cleveland, Ohio. Eraser holder. 2,187,894; Jan. 23.
Safford, Lewis A. (See Campbell, C. A., and Safford.)
Safford, Lewis A., Watertown, N. Y., assignor to The New York Air Brake Company. Valve. 2,211,167; Aug. 13.
Safford, Lewis A., and J. M. Love, Watertown, N. Y., assignors to The New York Air Brake Company. Safety valve. 2,221,724; Nov. 12.
Safford, Moyer M., Schenectady, N. Y., assignor to General Electric Company. Extrusion device. 2,199,209; Apr. 30.
Safford, Moyer M., Schenectady, N. Y., assignor to General Electric Company. Manufacture of printing rolls. 2,204,383; June 11.
Safford, Moyer M., Schenectady, N. Y., assignor to General Electric Company. Polychloroprene electrical insulation. 2,211,608; Aug. 13.
Safholm, Mandell W., Glendale, Calif. Spark plug tester. 2,199,115; Apr. 30.
Safrit, Homer S., Albermarle, N. C. Drip collector. 2,196,943; Apr. 9.
Saftien, Karl. (See Honold, E., Neresheimer, Schubert, Stein, and Saftien.)
Safway Steel Scaffolds Co. of Wisconsin, The. (See Uecker, R. A., and Simpson, assignors.)
Sagamor Metal Goods Corporation. (See Landwehr, Richard F., assignor.)
Sage, Warren M., Toronto, Ontario, Canada. Thermostatically controlled immersion electric heater. 2,201,703; May 21.
Sageb, Société Anonyme de Gestion et d'Exploitation de Brevets. (See Denoix, Paul E. J., assignor.)
Sageman, Edward A., Mount Vernon, N. Y., assignor to American Telephone and Telegraph Company. Registering device. 2,208,164; July 16.
Sager, John L., Southgate, Calif. Battery system. 2,206,306; July 2.
Sagner, Walter T., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,186,347; Jan. 9.
Sagraves, Edward W., Chillicothe, Ohio. Rear wheel suspension for automobiles. 2,214,146; Sept. 10.
Saharoff, Alexander V., Buffalo, N. Y., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Variable capacity compressor. 2,197,158; Apr. 16.
Sahyun, Melville, assignor to Frederick Stearns & Company, Detroit, Mich. Soluble protamine insulin. 2,190,137; Feb. 13.
Sahyun, Melville and M. Heyn, assignors to Frederick Stearns & Company, Detroit, Mich. Insulin preparation and process. 2,192,386; Mar. 5.
Saiberlich, Erwin W., assignor to Fox River Tractor Company, Appleton, Wis. Crop pickup cutter. 2,196,645; Apr. 9.
Said, William H., assignor to Corning Glass Works, Corning, N. Y. Method and apparatus for making tubing blanks. 2,198,741; Apr. 30.
Sailer, George A. (See Morehouse, Silas A., assignor.)
Sainich, Martin, Livingston, Mont. Lathe attachment. 2,201,505; May 21.
Saino, Felix H. and L. J., Memphis, Tenn. Fire wall, bulkhead, and panel. 2,196,781; Apr. 9.
Saino, Louis J. (See Saino, Felix H. and L. J.)
St. Clair, Hillary W., Colmar Manor, Md., assignor to the Government of the United States as represented by the Secretary of the Interior and his successors in office. Sonic flocculator and method of flocculating smoke or the like. 2,215,484; Sept. 24.
St. Clair, Matilda E., Johannesburg, Union of South Africa. Taking mine samples. 2,216,989; Oct. 8.
St. Cyr, Louis, Chicago, Ill. Reflecting sign. 2,198,061; Apr. 23.
St. Genies, Anne H. J. de L., Versailles, France. Apparatus for copying lenticular films by projection. 2,188,019; Jan. 23.
Saint Genies, Anne H. J. de L., Versailles, France. Apparatus for photography in relief with or without color. 2,202,354; May 28.
Saint Genies, Anne H. J. de L., Versailles, France. Method and apparatus for copying lenticular films. 2,202,355; May 28.
St. George, Alfred J., Millbury, Mass. Fishing device. 2,189,478; Feb. 6.
St. George Textile Corporation. (See Weinberger, Jan, assignor.)
St. John, Everett, Bellaire, Ohio. Rim stand. 2,219,238; Oct. 22.
St. John, George. (See Goldvogel, L., and St. John.)
St. John, Henry W., Llanerch, and G. L. Hutchison, Collingdale, Pa. Six-wheel locomotive truck. 2,223,297; Nov. 26.
St. John, John T., Jr., Minneapolis, Minn., assignor to J. B. Brady, Washington, D. C. Overhead door. 2,213,230; Sept. 3.
St. Joseph Loan & Trust Co., The, executor. (See Davis, H. E., and Werner.)
St. Louis, Charles V., assignor to Wilson-Jones Company, Chicago, Ill. Loose-leaf binder. 2,218,347; Oct. 15.
St. Martin, Albert J., et al. (See Mattison, Thomas E., assignor.)
St. Palley, Zoltan O., Pittsfield, Mass., assignor to General Electric Company. Electric circuit. 2,196,029; Apr. 2.
St. Paul White Lead and Oil Company. (See Deutsch, Clarence, assignor.)
St. Pierre, Octave J., Chicago, Ill. Air conditioning system. 2,210,960; Aug. 13.

St. Pierre, Thomas, Worcester, Mass. Welder's chipper. 2,226,673; Dec. 31.
St. Regis Paper Company. (See Dorrington, N. E., and Cullom, assignors.)
St. Regis Paper Company. (See Härtman, C. H., and Peterson, assignors.)
St. Regis Paper Company. (See Marsh, Esli A., assignor.)
St. Regis Paper Company. (See Verwys, Andrew J., assignor.)
Saives, Leon, assignor to L. Renault, Billancourt, France. Manufacture of cylinders and cooling jackets of internal combustion engines. 2,194,872; Mar. 26.
Saives, Leon, assignor to L. Renault, Billancourt, France. Stamping machine. 2,196,782; Apr. 9.
Sajdak, Joseph, Chicago, Ill. Arch support. 2,213,770; Sept. 3.
Saks & Company. (See Perugia, Andre, assignor.)
Saks, Ira. (See Jarrett, George T., assignor.)
Salducco, Angelo M. M., Troy, N. Y. License tag cover. 2,190,571; Feb. 13.
Sale, William H., Sandston, Va., assignor, by mesne assignments, to Central Railway Supply Company, Chicago, Ill. Dust guard plug locking means. 2,195,602; Apr. 2.
Saleh, Gabriel E. R., assignor of one-tenth to C. P. Goepel, New York, N. Y. Treating hydrocarbon mixtures. 2,199,841; May 7.
Salem, Rudolph, Long Island City, N. Y. Tennis racket guide. 2,189,997; Feb. 13.
Saler, Jules N., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Liquid congealing apparatus. 2,220,850; Nov. 5.
Salfisberg, Leroy L., South Orange, assignor to Wrap-Ade Machine Company, Newark, N. J. Folding and sealing mechanism. 2,192,527; Mar. 5.
Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Infusion package. 2,192,605; Mar. 5.
Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Forming and filling bags. 2,195,740; Apr. 2.
Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Display envelope package. 2,210,385; Aug. 6.
Salford Electrical Instruments Limited. (See Turner, H. C., and Sherwin, assignors.)
Saliba, George J. (See Gruber, M. M., and Saliba.)
Salinski, Bruno, Berlin-Neukolln, Germany. Electrically heating foodstuffs. 2,212,794; Aug. 27.
Salisbury, Harry J., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Rack. 2,216,457; Oct. 1.
Salisbury, Henry M., Hawthorne, N. J. Adhesive composition and preparing the same. 2,204,384; June 11.
Salisbury, Maxwell E., assignor to The Garlock Packing Company, Palmyra, N. Y. Floating seal assembly. 2,186,537; Jan. 9.
Salit, Jonah, Brooklyn, N. Y. Gum massaging device. 2,227,276; Dec. 31.
Salkvist, Gustaf E., Pittsburgh, Pa., assignor to Koppers Company. Coke-oven door operating mechanism. 2,190,297; Feb. 13.
Sallmann, Richard. (See Felix, F., von Capeller, and Sallmann.)
Sallmann, Richard. (See Graenacher, C., and Sallmann.)
Sallop, Harry A., New York, N. Y. Slip cover for automobile seats. 2,223,532; Dec. 3.
Salmen, John, assignor to Safety Motor Control Co., Inc., Deadwood, S. Dak. Motor controlling device. 2,224,276; Dec. 10.
Salmon, Reginald D. (See Thompson, A. E., and Salmon.)
Salmon, Reginald D., assignor to Creed and Company Limited, Croydon, Surrey, England. Teleprinter receiving apparatus. 2,214,938; Sept. 17.
Salmon, Reginald D., Croydon, assignor to Creed and Company Limited, Croydon, Surrey, England. Printing telegraph apparatus. 2,189,927; Feb. 13.
Salnikov, Ivan S., Fairfax, Okla., assignor to Standard Oil Development Company. Pressure core barrel. 2,213,595; Sept. 3.
Salnikov, Ivan S., Tulsa, Okla., assignor to Standard Oil Development Company. Completing oil wells. 2,219,022; Oct. 22.
Salomon, Arnold, assignor to the firm of N. V. Organochemia, Oss, Netherlands. Pyelographic preparation. 2,191,118; Feb. 20.
Salomon, Stefany, Née Herzog, Berlin, assignor of one-half to S. Dukas, née Reinemann, Berlin-Grunewald, Germany. Ornamental doll. 2,215,977; Sept. 24.
Salsbury Corporation. (See Lewis, H. B., Burns, Elmore, and Salsbury, assignors.)
Salsbury, Esley F. (See Lewis, H. B., Burns, Elmore, and Salsbury.)
Salskov-Iversen, Niels R., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Method of and apparatus for forming and feeding gobs of glass. 2,198,742; Apr. 30.
Salsman, Thomas J., assignor to Rockwell-Barnes Company, Chicago, Ill. Paper package. 2,199,676; Mry 7.
Salter, Albertus C., Bartow, Ga. Thread holder. 2,215,410; Sept. 17.
Salter, Alfred W. W., London, England. Board for use in playing a game of darts. 2,227,382; Dec. 31.
Salter, Roy S. (See Frayer, L. A., and Salter.)
Saltsman, Daniel J., assignor of one-third to W. B. Crane and one-third to G. W. Laubenthal, Mobile, Ala. Apparatus for distilling wood. 2,196,343; Apr. 9.
Salvetti, Dante A., Blawnox, assignor of one-third to W. G. Darrall, Springdale, Pa. Universal joint. 2,211,388; Aug. 13.
Salvin, Victor S. (See Seymour, G. W., and Salvin.)
Salz, Jacque A., New York, N. Y. Tubular article and making the same. 2,200,042; May 7.
Salz, Max, New York, N. Y. Fruit juice extractor. 2,195,828; Apr. 2.
Salzberg, Harold K., Pittsburgh, Pa. Foundry sand binder. 2,206,369; July 2.
Salzberg, Paul L. (See Ellingboe, E. K., and Salzberg.)
Salzberg, Paul L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. N-poly-hydroxy-alkylarylamines. 2,193,433; Mar. 12.
Salzberg, Paul L., assignor to E. I. du Pont de Nemours & Co., Wilmington, Del. Amine-sulphamic acid addition product. 2,212,171; Aug. 20.
Salzbrenner, Herbert A., Denver, Colo. Shipping tag dispenser. 2,201,272; May 21.
Salzer, Frank J., Chicago, Ill. Clothesline fastener. 2,193,383; Mar. 12.
Salzer, Walter, Wuppertal-Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of a naphthalene derivative. 2,223,664; Dec. 3.
Salzmann, Leo. (See Blumer, M., Kessler, and Salzmann.)
Samans, Walter, Philadelphia, Pa., assignor, by mesne assignments, to Houdry Process Corporation, Wilmington, Del. Heat exchange apparatus. 2,204,447; June 11.
Sambleson, Robert F., Bridgeport, and G. R. Brown, Stratford, Conn., assignors to General Electric Company. Snap switch. 2,188,780; Jan. 30.
Samburg, Maurice, New York, N. Y. Tamperproof closure. 2,201,205; May 21.
Samburg, Maurice, New York, N. Y. Bottle closure. 2,201,791; May 21.
Samcoe Holding Corporation. (See Cohn, Samuel, assignor.)
Samcoe Holding Corporation. (See Cohn, S., and Walter, assignors.)
Samel, Leo. (See Harr, H. H., and Samel.)
Samels, Daniel C. (See Diehl, C. H., and Samels.)
Samerdyke, Fred J. (See Bergmann, R. F., Walters, and Samerdyke.)
Samerdyke, Fred J., Rocky River, and L. E. Lovett, Cleveland Heights, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Methods of and apparatus for manufacturing thread or the like. 2,217,707; Oct. 15.
Samiran, David, Fairfield, Ohio. Fluid dispensing apparatus. 2,219,335; Oct. 29.
Sammons, Francis W., St. Albans, N. Y. Automatic visual reference system. 2,222,881; Nov. 26.
Sammons, James W., assignor of one-half to L. M. McLemore, Vidalia, Ga. Jar holder. 2,215,016; Sept. 17.
Sample, Aaron C., Seattle, Wash. Shade fixture. 2,225,280; Dec. 17.
Sampsell, Ralph R., Youngstown, Ohio. Trailer. 2,219,401; Oct. 29.
Sampson, Clyde J., Retreat, Pa. Electric joint solderer. 2,212,795; Aug. 27.
Sampson, Erick G., Jamestown, N. Y. Window frame and storm sash. 2,187,561; Jan. 16.
Sampson, Iva M., Oak Park, Ill. Cosmetic case. 2,215,480; Sept. 24.
Sampson, James M., Schenectady, N. Y., assignor to General Electric Company. Heat treating aluminum alloys. 2,221,526; Nov. 12.
Sampson, Leon H. (See Galbraith, R. A., Sampson, and Thomas.)
Samson Investment Co. (See Glassberg, Jacob, assignor.)
Samson-United Corporation. (See Samuels, Abe O., assignor.)
Samuel, Arthur L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,186,127; Jan. 9.
Samuel, Arthur L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoeletric controlled oscillator. 2,189,770; Feb. 13.
Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Base support. 2,189,369; Feb. 6.
Samuels, Abe O., Rochester, assignor, by mesne assignments, to Seaboard Commercial Corporation, New York, N. Y. Electric flatiron. 2,208,432; July 16.
Samuels, Martin L., assignor to Battelle Memorial Institute, Columbus, Ohio. Alloys and making the same. 2,209,935; July 30.
Samuelson, Arthur F., et al. (See Smythe, Robert H., assignor.)
Samuelson, Max, Newburgh, N. Y. Handbag plait. 2,202,673; May 28.
Samuelson, William J., and H. M. Brewster, Seattle, Wash. Ventilating system. 2,212,050; Aug. 20.
Samzelius, John W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reinforcement for contact members. 2,221,607; Nov. 12.
Samzelius, John W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Switch structure. 2,221,608; Nov. 12.

San Diego Consolidated Gas and Electric Company. (See Goldkamp, Otto B., assignor.)
San Francisco Sulphur Company. (See Mohr, Albert C., assignor.)
Sanborn, Chester O., assignor to C. Richenburg, Everett, Mass. Window sash fastener. 2,201,793; May 21.
Sanchez, Dewey J. (See Reed, Milton R., assignor.)
Sanchez, Federico G., Vedado, Cuba. Loading and transporting apparatus. 2,188,374; Jan. 30.
Sanchez, Pedro, Habana, Cuba. Treatment of refining sirups. 2,216,755; Oct. 8.
Sanchez, Pedro, Habana, Cuba, and E. N. Ehrhart, New York, assignors to Sucro-Blanc, Inc., New York, N. Y. Treatment of sugar solutions. 2,216,753; Oct. 8.
Sanchez, Pedro, Habana, Cuba, and E. N. Ehrhart, assignors to Sucro-Blanc, Inc., New York, N. Y. Treatment of sugar solutions. 2,216,754; Oct. 8.
Sandberg, Arthur F., Jamaica, N. Y. Liquid level alarm. 2,199,677; May 7.
Sandberg, Oscar, assignor to Automatic Packaging Machinery Company, Grand Rapids, Mich. Wrapping machine. 2,208,776; July 23.
Sandberg, Ray A., Waukegan, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever. 2,199,448; May 7.
Sandberg, Ray A., Waukegan, assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Strainer assembly for refrigeration systems. 2,202,403; May 28.
Sandberg, Ray A., Waukegan, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Automobile locking and circuit control structure. 2,207,164; July 9.
Sandberg, Ray A., Waukegan, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Automobile jack supporting base. 2,221,203; Nov. 12.
Sandberg, Robert N., Beverly, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Starting and stopping mechanism. 2,226,782; Dec. 31.
Sandberg, Rolf A. F. (See Erbguth, P. F. K., and Sandberg.)
Sandberg, Rolf A. F. (See Erbguth, P. F. K., Sandberg, and Smith.)
Sandberg, Rolf A. F., and P. F. K. Erbguth, Brooklyn, and E. S. Smith, Jr., St. Albans, assignors to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Safety control vulcanizer presses. 2,204,513; June 11.
Sandberg, William A., Los Angeles, Calif. Steam and gas separator. 2,193,209; Mar. 12.
Sandel, Emil, St. Louis, Mo. Safety device for stamping presses and the like. 2,210,181; Aug. 6.
Sandel, Harry, Chicago, Ill. Bridge lamp. 2,222,859; Nov. 26.
Sandell, Bror H. R. Stockholm, Sweden. Electric heater unit. 2,207,876; July 16.
Sandell, Harry N., Boston, Mass. Pavement construction. 2,189,437; Feb. 6.
Sander, Eugene, assignor of one-half to H. & A. Selmer, Inc., Elkhart, Ind. Musical instrument. 2,227,230; Dec. 31.
Sander, James S., Twickenham, England. Liquid dispensing apparatus. 2,195,939; Apr. 2.
Sander, Morris, Philadelphia, Pa., assignor to Radio Corporation of America. Electric condenser. 2,223,833; Dec. 3.
Sander, Paul. (See Rüsch, F., and Sander.)
Sanders, Allen V. (See Caroselli, C. J., and Sanders.)
Sanders, Amis B., assignor of one-fourth to T. B. Carter and one-fourth to G. B. Abernathy, Pulaski, Tenn. Air blast gin. 2,219,402; Oct. 29.
Sanders, Arthur F., assignor of one-half to John Fowler & Co. (Leeds) Limited, Leeds, England. Fuel-injection engine. 2,195,709; Apr. 2.
Sanders, Clyde S., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Forming a porous concrete well strainer. 2,187,895; Jan. 23.
Sanders, Edna E., Portland, Oreg. Dispensing powder puff. 2,216,522; Oct. 1.
Sanders, Homer M., Sharon, Pa., assignor to General Electric Company. Transformer coil winding device. 2,199,116; Apr. 30.
Sanders, Homer M., Sharon, Pa., assignor to General Electric Company. Transformer core and making the same. 2,220,732; Nov. 5.
Sanders, Homer M., Sharon, Pa., assignor to General Electric Company. Transformer and making the same. 2,220,733; Nov. 5.
Sanders, John C., assignor, by mesne assignments, The Pacific National Bank of Seattle, Seattle, Wash. Aircraft gun mount and swingable enclosure therefor. 2,199,971; May 7.
Sanders, Leon L., and G. C. Street, assignors of ten per cent to D. C. Vance, Fort Worth, Tex. Drill bit. 2,194,675; Mar. 26.
Sanders, Louis S. (See Isler, William, assignor.)
Sanders, Louis S. (See McIntosh, Maurice D., assignor.)
Sanders, Louis S., Lakewood, Ohio. Preparing camera copy for multi-color printing. 2,224,270; Dec. 10.
Sanders, Marion D., assignor to Industrial Patents Corporation, Chicago, Ill. Treatment of wastes. 2,204,703; June 18.
Sanders, Marsh. (See Crandall, M., and Sanders.)
Sanders, Philip H. (See Scogland, C. A., and Sanders.)
Sanders, Royden C., Jr., Audubon, N. J., assignor to Radio Corporation of America. Radio altimeter. 2,222,586; Nov. 19.
Sanders, Royden C., Jr., Audubon, N. J., assignor to Radio Corporation of America. Radio altimeter. 2,222,587; Nov. 19.
Sanders, Theodorus P. W., and J. van Rensen, assignors to Naamlooze Vennootschap Chemische Fabriek L. van der Grinten, Venlo, Netherlands. Improving the stability of alkaline solutions of phenolic azo dyestuff components. 2,199,925; May 7.
Sanderson, Archibald J., Scarborough, N. Y. Golf club or putter. 2,212,651; Aug. 27.
Sanderson, Harvey L., Butler, Pa. Vizor. 2,191,775; Feb. 27.
Sandford, Robert M., Springfield, Pa. Automatic control for oil burners. 2,226,325; Dec. 24.
Sandhaas, Wilhelm, Mannheim, W. Daniel, Ludwigshafen-on-the-Rhine, and K. Mühlhausen, Leverkusen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Interpolymerization products of butadiene and a vinyl ethinyl carbinol. 2,200,705; May 14.
Sandin, Jerome. (See Nau, R. H., and Sandin.)
Sandler, Louis, and L. G. Klinker, assignors to Johnson Bronze Company, New Castle, Pa. Bronze bearing and manufacture. 2,196,875; Apr. 9.
Sandler, Louis and L. G. Klinker, assignors to Johnson Bronze Company, New Castle, Pa. Making steel backed bronze bearings. 2,226,263; Dec. 24.
Sandner, Willy. (See Kroch, F., Sandner, and Teicher.)
Sandoe, Clarence J., University City, Mo., assignor to Cardox Corporation. Blasting cartridge. 2,207,205; July 9.
Sandow, Abraham, Plainfield, and A. A. Wenzel, West Orange, N. J. Packing ring. 2,225,508; Dec. 17.
Sandoz Chemical Works, Inc. (See Stern, Ernest R., assignor.)
Sandoz Ltd. (See Kappeler, Markus, assignor.)
Sandoz Ltd. (See Peter, Albin, assignor.)
Sandry, Louis. (See Bash, J., and Sandry.)
Sands, Garry. (See Sands, Hillard J., assignor.)
Sands, Hillard J., assignor to G. Sands, Cleveland, Ohio. Heater. 2,197,945; Apr. 23.
Sands, Hillard J., assignor to G. Sands, Cleveland, Ohio. Relief valve. 2,200,124; May 7.
Sands, Hillard J., assignor to G. Sands, Cleveland, Ohio. Heater. 2,200,304; May 14.
Sandstone, Harvey D., Los Angeles, Calif. Self-loading and unloading bailer. 2,192,065; Feb. 27.
Sandstone, Harvey D., Los Angeles, Calif. Laminated disk drill bit. 2,203,747; June 11.
Sandstrom, Olaf E., Sioux Falls, S. Dak. Portable hoisting jack. 2,222,243; Nov. 19.
Sandusky Foundry and Machine Co. (See Millspaugh, William H., assignor.)
Sandvikens Jernverks Aktiebolag. (See Berglund, Karl T., assignor.)
Saner, Dorothy, et al., executors. (See Randolph, Charles P.)
Sanford, Cyrus, Jr., Venice, Calif. Rotatable line guide tip for fishing rods, etc. 2,197,245; Apr. 16.
Sanford, David P., Union, assignor to American Type Founders, Incorporated, Elizabeth, N. J. Sheet feeder. 2,221,153; Nov. 12.
Sanford, Roy S. (See Eaton, W. A., and Sanford.)
Sanford, Roy S. (See Kliesrath, V. W., and Sanford.)
Sanford, Roy S., New York, N. Y., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Clutch control means. 2,185,272; Jan. 2.
Sanford, Roy S., New York, N. Y., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Vacuum clutch control. 2,185,273; Jan. 2.
Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Detachable fixture support and bracket. 2,189,153; Feb. 6.
Sanford, Roy S., New York, N. Y., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Gear shifting mechanism. 2,189,679; Feb. 6.
Sanford, Roy S., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Gear shifting mechanism. 2,189,680; Feb. 6.
Sanford, Roy S., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,192,018; Feb. 27.
Sanford, Roy S., New York, N. Y., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Vehicle control mechanism. 2,200,013; May 7.
Sanford, Roy S., New York, N. Y., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Vehicle suspension system. 2,216,854; Oct. 8.
Sanford, Roy S., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Control mechanism. 2,226,671; Dec. 31.
Sanford, Roy S., and W. J. Andres, assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Gear shift mechanism. 2,189,681; Feb. 6.
Sanford, Roy S., and W. J. Andres, assignors to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Fluid pressure mechanism. 2,198,129 Apr. 23.

Sanford, Roy S., and W. J. Andres, assignors to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Valve mechanism. 2,216,855; Oct. 8.
Sanford, Walter E., Alexandria, Va. Micrometer. 2,193,939; Mar. 19.
Sangamo Company Limited. (See Anderson, C. G. H., and Fog, assignors.)
Sangamo Electric Company. (See Bruce, Douglas, assignor.)
Sangamo Electric Company. (See Gilliver, Gilbert, assignor.)
Sanger, George P., Rockwood, Mich. Weeding apparatus. 2,223,641; Dec. 3.
Sanger, George, and J. L. Herron, Chicago, Ill.; said Herron assignor of one-half to said Sanger. Reflector signal. 2,192,817; Mar. 5.
Sanger, Harry G. (See Kishline, F. F., and Sanger.)
Sänger, Otto. (See Becker, H., Broschke, and Sänger.)
Sänger, Otto, Wetzlar, Germany, assignor, by mesne assignments, to F. Dumur, Lausanne, Switzerland. Photographic view finder. 2,221,609; Nov. 12.
Sanial, Arthur J., Haddonfield, N. J., assignor to Radio Corporation of America. Sound translating apparatus. 2,216,961; Oct. 8.
Sanial, Arthur J., Flushing, N. Y., assignor to Radio Corporation of America. Loud-speaker. 2,220,177; Nov. 5.
Sanitary Scale Company. (See Farwell, J. V., 3rd, and Ray, assignors.)
Sanitary Service Inc. (See Buckley, Duer H., assignor.)
Sanitary Vending Company. (See Gabriel, William A., assignor.)
San-KNIT-ary Textile Mills. (See Kappler, Carl F., assignor.)
Sansom, Ray, assignor of thirty percent to C. O. Harris, Milton, Oreg. Variable speed motor. 2,194,211; Mar. 19.
Santacroce, Agostina, and A. Milshow, Cleveland, Ohio. Rubber heel. 2,208,280; July 16.
Santana, Alfred E. (See Santana, Joseph A. and A. E.)
Santana, Joseph A. and A. E., New York, N. Y. Safety match cover. 2,192,053; Feb. 27.
Santiago, James J., assignor to J. Grant, Los Angeles, Calif. Well cleaning tool. 2,214,350; Sept. 10.
Santiago, James J., assignor to J. Grant, Los Angeles, Calif. Cementing plug. 2,221,204; Nov. 12.
Santini, Danilo, Tenafly, assignor to Westinghouse Electric Elevator Company, Jersey City, N. J. Electrical control system. 2,221,610; Nov. 12.
Santino, Louis, Brooklyn, N. Y. Safety alarm system. 2,225,464; Dec. 17.
Santucci, Gianfranco, Rome, Italy. Control means for a radio receiver. 2,202,432; May 28.
Sanymetal Products Co., The. (See Anderson, Thomas F., assignor.)
Sapery, Stanley, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Cosmetic container. 2,215,161; Sept. 17.
Sapp, Robert W. (See Coleman, G. H., and Sapp.)
Sappington, Paul, assignor of one-half to J. C. Rosenthal, Los Angeles, Calif. Fluffing and renovating machine. 2,201,303; May 21.
Sarazin, Raoul R. R., Saint-Prix, France. System for analyzing vibrations. 2,191,862; Feb. 27.
Sarazin, Raoul R. R., Saint Prix, France. Vibration damper. 2,202,967; June 4.
Sarazin, Raoul R. R., Saint-Prix, France. Imparting impulses to a system. 2,211,076; Aug. 13.
Sarazin, Raoul R. R., Saint-Prix, France. Vibration damper. 2,225,929; Dec. 24.
Sarber, Ira C., assignor to Finnell System, Inc., Elkhart, Ind. Weight balancing mechanism. 2,205,671; June 25.
Sarco Company. (See Hilmer, M., and Signarovitz, assignors.)
Sardeson, Robert, Minneapolis, Minn., assignor to McGraw Electric Company, Chicago, Ill. Mechanical timer for toasters. 2,201,456; May 21.
Sardeson, Robert, Minneapolis, Minn., assignor to McGraw Electric Company, Chicago, Ill. Mechanical timer. 2,207,946; July 16.
Sardeson, Robert, Minneapolis, Minn., assignor to McGraw Electric Company, Chicago, Ill. Timer structure. 2,207,947; July 16.
Sardik Incorporated. (See Cowgill, William W., assignor.)
Sardik Incorporated. (See Myers, P. B., and Cowgill, assignors.)
Sardu, Anthony, Brooklyn, N. Y. Controllable lubricating system. 2,202,817; June 4.
Sargeaunt, James A. H. (See Martin-Hurst, W. F. F., and Sargeaunt.)
Sargent, Allan C., assignor to C. G. Sargent's Sons Corporation, Graniteville, Mass. Wall structure. 2,209,580; July 30.
Sargent & Company. (See Edwards, William S., assignor.)
Sargent & Company. (See Schoeffler, Andrew P., assignor.)
Sargent & Company. (See Voight, Henry G., assignor.)
Sargent & Company. (See Voight, H. G., and Edwards, assignors.)
Sargent, Donald E., assignor to Reynolds Spring Company, Jackson, Mich. Spring construction. 2,193,743; Mar. 12.
Sargent, Earl O., Des Moines, Iowa. Manufacturing food products. 2,197,319; Apr. 16.
Sargent, Edgar H., Winnetka, and A. G. Alex, Evanston, Ill. Article dispensing apparatus. 2,218,831; Oct. 22.
Sargent, Edward M., Oakland, Calif. Globe mount. 2,197,159; Apr. 16.
Sargent-Gerke Company. (See Alig, John P., assignor.)
Sargent, Helen M., Wilmette, Ill. Footrest and pedal extension for pianos. 2,207,824; July 16.
Sargent, Neil A. (See Wilson, W. S., and Sargent, assignors.)
Sargent, Richard B., Erdenheim, Philadelphia, assignor to The Hale Fire Pump Co., Inc., Conshohocken, Pa. Suction mechanism. Re. 21,416; Apr. 2.
Sargent's, C. G., Sons Corporation. (See Sargent, Allan C., assignor.)
Sarnecky, Michael J., Edwardsville, Pa. Picking tool. 2,204,734; June 18.
Sarnes, Lowell F., assignor to Monarch Governor Company, Detroit, Mich. Spark control device. 2,200,043; May 7.
Sarnes, Lowell F., assignor to Monarch Governor Company, Detroit, Mich. Governor. 2,209,421; July 30.
Sarnes, Lowell F., assignor to Monarch Governor Company, Detroit, Mich. Mirror assembly. 2,226,482; Dec. 24.
Sarosdy, Louis J., assignor to Blaw-Knox Company, Pittsburgh, Pa. Steamboat ratchet. 2,220,288; Nov. 5.
Sarratt, G. L., executor. (See Randall, Benjamin O., assignor.)
Sartain, James C., Pine Apple, Ala. Fluid dispenser. 2,217,563; Oct. 8.
Sartakoff, Jack D., Elmhurst, Long Island, N. Y., assignor to No-Mercury Felt Corporation. Felting and product. 2,211,863; Aug. 20.
Sartell, Page M., Sartell, Minn. Pump for compressible fluids. 2,190,245; Feb. 13.
Sartini, Louis, Walnut Grove, Calif. Headboard for asparagus pack. 2,194,770; Mar. 26.
Sartov, Henrik, and A. Lindstedt, Beverly Hills, assignors to Omnicolor Picture Corporation, Los Angeles, Calif. Color photography. 2,221,849; Nov. 19.
Sarvis, Harlan W. (See Palmer, Ernest J., assignor.)
Sasgen, Michael J., Chicago, Ill. Door stop. 2,194,510; Mar. 26.
Sasgen, Michael J., Chicago, Ill. Doorstop. 2,217,996; Oct. 15.
Sassen, Bernard, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Manually controlled contouring machine. 2,221,459; Nov. 12.
Sassoli, Mario, Milan, Italy. Motion picture projector. 2,213,613; Sept. 3.
Sater, Maurice J., St. Louis, Mo. Tent structure. 2,210,342; Aug. 6.
Sato, Katsuyasu, Musashino-Machi, Kita Tama-Gun, Tokyo-Fu, Japan. Water ski and boat. 2,205,050; June 18.
Satona Limited. (See Hartmann, Carl W., assignor.)
Satre, Hilmar, E., assignor to First Caisson Machinery & Boring Co., Chicago, Ill. Boring and dumping auger. Re. 21,506; July 9.
Satterlee, Howard A., Needham, assignor to Submarine Signal Company, Boston, Mass. Direction of rotation responsive switch. 2,190,682; Feb. 20.
Sattler, Jens. (See Ulrich, H., Kuespert, and Sattler.)
Sattler, Stephen, Tulsa, Okla. Copy support for use with typewriters. 2,211,437; Aug. 13.
Sattler, Wilhelm, Mannheim, assignor to Stotz-Kontakt, Gesellschaft mit beschrankter Haftung, Mannheim-Neckarau, Germany. Thermostatically actuated automatic switch. 2,191,588; Feb. 27.
Satz, Frank, and M. Berns, Los Angeles, Calif. Sanitary brush. 2,205,601; June 25.
Sauer, Albert H., Jr., Cincinnati, Ohio. Making strap loops. 2,211,676; Aug. 13.
Sauer, Chris H., Chico, assignor of one-half to T. R. Rooney, Atherton, Calif. Rim construction. 2,198,978; Apr. 30.
Sauer, Curt, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Resilient support. 2,215,743; Sept. 24.
Sauer, George. (See Christensen, N. V., and Sauer.)
Sauer, George. (See Hacklander, H., and Sauer.)
Sauer, George. (See Smith, C. C., and Sauer.)
Sauer, George, Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Feed mechanism for sewing machines and the like. 2,189,656; Feb. 6.
Sauer, George, Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Feed mechanism for sewing machines and the like. 2,189,657; Feb. 6.
Sauer, George, Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Transmission mechanism. 2,199,678; May 7.
Sauer, George, Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Power transmitter. 2,205,176; June 18.
Sauer, Hans, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Enlarging and copying device. 2,186,619; Jan. 9.
Sauer, Hans, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Finder device. 2,187,057; Jan. 16.
Sauer, Hans, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Filter for the photography and projection of colored pictures. 2,199,715; May 7.

Sauer, Hans, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Enlarging and copying device. 2,219,116; Oct. 22.
Sauer, Hans, and P. Görlich, assignors to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Exposure meter. 2,191,414; Feb. 20.
Sauer, Hans, G. Henkel, and H. Bartels, assignors to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Polarizing filter attachments. 2,194,523; Mar. 26.
Sauer, Hans, and P. Görlich, assignors to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic camera. 2,197,194; Apr. 16.
Sauer, Henry J., assignor to The Kilborn-Sauer Company, Fairfield, Conn. Automobile lamp socket. 2,195,189; Mar. 26.
Sauer, Louis E., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,215,797; Sept. 24.
Sauer, Louis E., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective device. 2,224,748; Dec. 10.
Sauer, Urban, Pittsburgh, assignor of one-third to H. R. Levy, McKeesport, Pa. Combined internal combustion engine and cooling system. 2,188,444; Jan. 30.
Sauer, Urban, Pittsburgh, assignor of one-third to H. R. Levy, McKeesport, Pa. Attachment for internal combustion engines. 2,211,795; Aug. 20.
Sauer, Urban, Pittsburgh, assignor of two-fifths to H. R. Levy, McKeesport, Pa. Suction muffler. 2,216,653; Oct. 1.
Saueressig, Johann H., Enschede, Netherlands, assignor to V. G. Manufacturing Company Ltd., London, England. Device for producing a sound track. 2,221,007; Nov. 12.
Sauerland, Joseph, West New York, N. J., assignor to Hardman, Peck & Company, New York, N. Y. Case for pianos. 2,220,054; Oct. 29.
Sauerwald, Franz, Breslau, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Heat treatment of magnesium alloys containing zirconium. 2,212,130; Aug. 20.
Sauerwald, Franz, Breslau, and H. Eisenreich, Bitterfeld, Germany, assignors, by mesne assignments, to Magnesium Development Corporation. Magnesium base alloy. 2,219,056; Oct. 22.
Saukaitis, Albert J., Philadelphia, assignor to American Chemical Paint Company, Ambler, Pa. Drawing ferrous metal. 2,217,921; Oct. 15.
Saul, August A. (See Huffman, S. A., Sinkovitz, and Saul.)
Saul, Edward. (See Peterson, J. E., and Saul.)
Saul, Waldo A., Lexington, assignor, by mesne assignments, to Metals & Controls Corporation, Attleboro, Mass. Thermostatically controlled device. 2,217,419; Oct. 8.
Saul, William F., Barnsboro, N. J. Coil winding machine. 2,194,248; Mar. 19.
Saul, William H., Brooklyn, N. Y. Packet of cigarettes. 2,227,158; Dec. 31.
Saulnier, Raymond, Paris, France. Aircraft tail device. 2,220,546; Nov. 5.
Saunders, Addison T., Akron, Ohio, assignor, by mesne assignments, to A. G. Spalding & Bros. Inc. Shuttlecock and making the same. 2,212,079; Aug. 20.
Saunders, Arthur B., Nashua, N. H., assignor to Johns-Manville Corporation, New York, N. Y. Decorative panel and making same. 2,215,595; Sept. 24.
Saunders, Arthur T. (See Madison, R. E., and Saunders.)
Saunders, Harold F., Chicago, Ill., and C. H. Adams, Coffeyville, Kans., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Treating calcium sulphate. 2,220,289; Nov. 5.
Saunders, Harold F., Chicago, Ill., and C. E. Penoyer, Coffeyville, Kans., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Treating zinc sulphide ores to produce zinc sulphate and hydrogen sulphide. 2,222,468; Nov. 19.
Saunders, Philip K., Cwmbran, England. Fluid control valve. 2,191,863; Feb. 27.
Saunders, Philip K., Cwmbran, England. Fluid controlling valve. 2,199,549; May 7.
Saunders, Seymour G., Bloomfield Hills, and H. Morrison, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Coating material recovery process. 2,208,646; July 23.
Saunders, Seymour G., Bloomfield Hills, and H. Morrison, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Coating material recovery process. 2,208,647; July 23.
Saunders, Thomas D., Dunbar, W. Va., assignor to Dunbar Glass Corporation. Glassware mold. 2,209,936; July 30.
Saunders, Thomas D., Dunbar, W. Va., assignor to Dunbar Glass Corporation. Glassware mold. 2,209,937; July 30.
Saunders Valve Company Limited. (See Jones, Arthur W., assignor.)
Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Automobile hood latch. 2,199,467; May 7.
Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Automobile hood latch. 2,199,468; May 7.
Saunders, Walter S., assignor to American Forging & Socket Company, Pontiac, Mich. Lifting jack. 2,212,051; Aug. 20.
Saunders, Walter S., and T. A. McGregor, assignors to American Forging & Socket Company, Pontiac, Mich. Adjustable seat support. 2,219,456; Oct. 29.
Saunt, Violet R. (See Roseman, Z., and Roth, assignors.)
Saupp, Chauncey P., Jr., Houtzdale, Pa. Safety ground switch. 2,195,940; Apr. 2.
Saur, Karl, Berlin-Reinickendorf, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Regulating apparatus. 2,189,475; Feb. 6.
Saurer, Anita E., et al., sole heirs. (See Saurer, Hippolyt.)
Saurer, Curt, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Floor board seal. 2,196,083; Apr. 2.
Saurer, Curt, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Resilient mounting. 2,196,428; Apr. 9.
Saurer, Curt, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Insulator. 2,226,505; Dec. 24.
Saurer-Hegner, Rosina, et al., sole heirs. (See Saurer, Hippolyt.)
Saurer, Hippolyt, deceased, by R. Saurer-Hegner, and A. E. Saurer, sole heirs, assignors to Societe Anonyme Adolphe Saurer, Arbon, Switzerland. Injection internal combustion engine. 2,205,493; June 25.
Saussure, George E., Pittsburgh, Pa. Valve. 2,186,657; Jan. 9.
Sauter, Earl G., Chicago, and F. Notwell, Berwyn, Ill. Means for illuminating levels. 2,205,733; June 25.
Sauvé, Louis M. (See Lacharité, M., and Sauvé.)
Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Compressor for hydrostatic brakes. 2,197,012; Apr. 16.
Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Piston seal. 2,200,305; May 14.
Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Actuating and locking brake actuators. 2,219,336; Oct. 29.
Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Brake actuator seal. 2,219,566; Oct. 29.
Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Brake mechanism. 2,224,932; Dec. 17.
Savage Arms Corporation. (See Brewer, Nicholas L., assignor.)
Savage, Francis C. (See Doman, C. T., and Savage.)
Savage, John C., Hendon, London, England. Searchlight. 2,194,836; Mar. 26.
Savage, Joseph E. (See Dockstetter, J. A., and Savage.)
Savage, Joseph P., Columbus, Nebr. Locomotive journal oiler. 2,188,926; Feb. 6.
Savage, Rufus L., Jr., Port Arthur, Tex., assignor, by mesne assignments, to Texaco Development Corporation, New York, N. Y. Conversion of hydrocarbon oils and gases. 2,193,772; Mar. 12.
Savignano, Ferdinand. (See Lohn, Peter, assignor.)
Saville, Willie, Huyton, Liverpool, England, assignor to Associated Telephone & Telegraph Company, Chicago, Ill. Spark quenching arrangement. 2,205,602; June 25.
Saville, Willie, Huyton, Liverpool, England, assignor to Associated Telephone & Telegraph Company, Chicago, Ill. Impulse repeater. 2,218,659; Oct. 22.
Saville, Willie, and A. H. Williams, Liverpool, England, assignors to Associated Telephone & Telegraph Company, Chicago, Ill. Telephone system. 2,224,701; Dec. 10.
Saviteer, Raymond H., Meriden, Conn. Condolence receptacle. 2,188,419; Jan. 30.
Savoy, Ernest J., Oklahoma City, Okla. Game and apparatus for playing the same. 2,220,291; Nov. 5.
Savoye, Charles U. (See Rowand, W. H., and Savoye, assignors.)
Savoye, Charles U., Hackensack, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange device. 2,204,154; June 11.
Savoye, Charles U., Hackensack, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange device. 2,204,155; June 11.
Savrda, Charles M., Bay Shore, assignor to The Atlantic Coast Fisheries Company, New York, N. Y. Fish-treating machine. 2,208,645; July 23.
Sawicki, Maryan E., Franklin, N. H. Permutation lock. 2,216,356; Oct. 1.
Sawtelle, Charles A., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,193,985; Mar. 19.
Sawyer, Charles B. (See Kjellgren, B. R. F., and Sawyer.)
Sawyer, David F., Rock Springs, Wyo. Lighting element and fixture therefor. 2,205,672; June 25.
Sawyer, Guy S., San Antonio, Tex. Windshield. 2,185,572; Jan. 2.
Sawyer, Harold M. (See Ostling, W., and Richard, assignors.)
Sawyer, Lester T., Fitchburg, Mass. Hair retaining comb. 2,196,815; Apr. 9.
Sawyer, Millard H., Leland, Ill. Tractor hitch. 2,221,492; Nov. 12.
Sawyer, Stanley F. (See Ritter, G. F., and Sawyer.)

Saxby, Robert N., Liverpool, England, assignor to Associated Telephone & Telegraph Company, Chicago, Ill. Electrical spark gap. 2,198,062; Apr. 23.
Saxe, Arthur C., assignor to The Jaeger Machine Company, Columbus, Ohio. Centrifugal pump. 2,222,725; Nov. 26.
Saxe, Van Rensselaer P., Badtimore, Md. Metal connection for building elements. 2,188,445; Jan. 30.
Saxe, Walter E., Alhambra, Calif. Method and apparatus for automatically counterbalancing pumping apparatus on oil wells. 2,196,816; Apr. 9.
Saxman, Edwin F., Jr., Radnor, Pa. Stall warning system for aircraft. 2,193,077; Mar. 12.
Say, James, Hammersmith, London, England. Twist drill and like metal-cutting tools. 2,204,030; June 11.
Sayen, Emery, and C. R. Webb, Toledo, Ohio. Toggle head and bolt. 2,224,023; Dec. 3.
Sayers, Clay A., Detroit, Mich. Buffing wheel. 2,188,375; Jan. 30.
Sayers, Reuel McC., assignor to Reliable Gas Products Company, Cedar Rapids, Iowa. Bunsen burner. 2,214,284; Sept. 10.
Sayles, Charles I., Ithaca, assignor to V. David, New York, N. Y. Liquid mixing device. 2,207,761; July 16.
Sayles, Theo C., and H. E. Griemsmann, Elmira, N. Y., assignors, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Bobbin holder. 2,217,922; Oct. 15.
Sayles, William R., Green Bay, Wis. Folding gocart. 2,221,111; Nov. 12.
Saylor, Clayton A. (See Nield, J., and Saylor.)
Sayre, Gordon B., Brooklyn, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Connecting device. 2,195,343; Mar. 26.
Sayre, James E., Jackson Heights, N. Y. Advertising device. 2,213,261; Sept. 3.
Sayre, Richard L., assignor to The Heekin Can Company, Cincinnati, Ohio. Container. 2,190,803; Feb. 20.
Sbicca, Frank, Philadalphia, Pa. Shoe and insole therefor. 2,226,392; Dec. 24.
Scace, Steven C. (See Scace, William B. and S. E.)
Scace, William B. and S. E., Chicago, Ill. Display device. 2,196,876; Apr. 9.
Scafe, Eugene T., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Treatment of oils. 2,222,596; Nov. 26.
Scaife, Wm. B., and Sons Company. (See Duden, Emil G., assignor.)
Scale-Models, Inc. (See Weinreich, George F., assignor.)
Scalera, Mario. (See Lecher, H. Z., and Scalera.)
Scalise, Oreste, New York, N. Y. Treating protein containing materials. 2,223,387; Dec. 3.
Scanlan, Thomas A., Greenwich, Conn., assignor to The American Hardware Corporation, New Britain, Conn. Lock. 2,223,876; Dec. 3.
Scanlon, Laura, Detroit, Mich. Ironing board cloth fastening means. 2,210,601; Aug. 6.
Scaramucci, Domer, assignor to Oil Equipment Engineering Corporation, Oklahoma City, Okla. Apparatus for cementing wells. 2,208,603; July 23.
Scaramucci, Domer, assignor to Oil Equipment Engineering Corporation, Oklahoma City, Okla. Sounding apparatus for wells or the like. 2,208,604; July 23.
Scaramucci, Domer, Norman, assignor to Oil Equipment Engineering Corporation, Oklahoma City, Okla. Well cementing method and apparatus. 2,217,708; Oct. 15.
Scaramucci, Domer, assignor to Oil Equipment Engineering Corporation, Oklahoma City, Okla. Cementing head. 2,223,388; Dec. 3.
Scarpa, Giuseppe, Savona, Italy. Oil circuit breaker. 2,223,901; Dec. 3.
Scarpace, Michael. (See McNew, Henry M., assignor.)
Scarritt, Winthrop T., Utica, N. Y. Muffler. 2,213,614; Sept. 3.
Scates, Homer H., Kirkland, Tex. Head gate or the like. 2,187,665; Jan. 16.
Schaa, Marvin J., Ashton, Iowa. Guiding tractors. 2,222,916; Nov. 26.
Schaad, Raymond E. (See Ipatieff, V., and Schaad.)
Schaaf, Albert E., Chagrin Falls, G. M. Walton, Cleveland Heights, and C. J. Glanzer, assignors to Air-Maze Corporation, Cleveland, Ohio. Filter means and making same. 2,190,683; Feb. 20.
Schaaf, Albert E., Chagrin Falls, G. M. Walton, Cleveland Heights, and C. J. Glanzer, Lakewood, assignors to Air-Maze Corporation, Cleveland, Ohio. Filter means and making same. 2,190,886; Feb. 20.
Schaaf, Frank R., Meriden, Conn. Wall construction. 2,192,107; Feb. 27.
Schaaf, Rudolph G., Jr., Great Neck, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Sealing means for indicating instrument casings. 2,215,566; Sept. 24.
Schaaff, Louis W., White Plains, assignor of fifty-two per cent to W. M. Kuhn, New York, N. Y. Ring traveler. 2,198,636; Apr. 30.
Schaaff, Louis W., Jackson Heights, assignor of fifty-two per cent to W. M. Kuhn, New York, N. Y. Combination ring and bar traveler spinner and twister ring. 2,198,791; Apr. 30.
Schaafsma, Albert. (See van Dijck, W. J. D., and Schaafsma.)
Schaake, William, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current collector. 2,217,456; Oct. 8.
Schaake, William, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current collector. 2,221,611; Nov. 12.
Schack, Alfred, Meerbusch, near Dusseldorf, assignor to Rekuperator Gesellschaft mit beschrankter Haftung, Dusseldorf, Germany. Steel smelting furnace. 2,192,108; Feb. 27.
Schack, Ernst, Schweinfurt, Germany. Cage for roller bearings. 2,217,259; Oct. 8.
Schad, George W., assignor to Stow & Davis Furniture Company, Grand Rapids, Mich. Typewriter carrier. 2,215,978; Sept. 24.
Schad, Konrad, Frankfort-on-the-Main-Hochst, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Stability of luminous paints. 2,202,233; May 28.
Schad, Konrad, Frankfort-on-the-Main-Hochst, and R. Ketzer, Hofheim in Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Improving the stability of luminous paints. 2,202,234; May 28.
Schade, Arthur, and J. Horn, assignors to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Device for the development of light sensitive materials. 2,208,106; July 16.
Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Loose-leaf structure. 2,193,347; Mar. 12.
Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Notebook construction. 2,193,348; Mar. 12.
Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Easel and notebook construction. 2,198,507; Apr. 23.
Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Loose-leaf structure. 2,209,284; July 23.
Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Post binder. 2,211,517; Aug. 13.
Schade, Otto H., West Caldwell, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,219,117; Oct. 22.
Schaedler, Robert, Hatfield, Pa. Guy wire fastener. 2,223,389; Dec. 3.
Schaefer, Carl A., Detroit, Mich. Apparatus for temperature control. 2,192,276; Mar. 5.
Schaefer, Carl A., assignor to Square D Company, Detroit, Mich. Electric switch. 2,193,986; Mar. 19.
Schaefer, Carl A., assignor to Square D Company, Detroit, Mich. Electric switch. 2,200,970; May 14.
Schaefer, Curt C., Cedar Rapids, Iowa. Filtering machine. 2,185,868; Jan. 2.
Schaefer, Edward J., Fort Wayne, Ind., assignor to General Electric Company. Reversing single phase motor. 2,195,287; Mar. 26.
Schaefer, Edward J., Fort Wayne, Ind., assignor to General Electric Company. Electric protective system. 2,213,889; Sept. 3.
Schaefer, Edward J., Fort Wayne, Ind., assignor to General Electric Company. Electric snap switch. 2,213,890; Sept. 3.
Schaefer, Frederic. (See Abramsen, Petter B., assignor.)
Schaefer, Frederic. (See Dwyer, Thomas F., Jr., assignor.)
Schaefer, Frederic, Pittsburgh, Pa. Brake hanger dampener. 2,199,117; Apr. 30.
Schaefer, Frederic, Pittsburgh, Pa. Connecting pin. 2,199,271; Apr. 30.
Schaefer, Frederic, Pittsburgh, Pa. Brake beam. 2,206,676; July 2.
Schaefer, Frederick R., Youngstown, assignor to Republic Steel Corporation, Cleveland, Ohio. Drying machine for cylindrical articles. 2,219,166; Oct. 22.
Schaefer, Harvey, Appleton, Wis. Electric fence. 2,215,718; Sept. 24.
Schaefer, Henry, Jr. (See Carmody, Michael A., assignor.)
Schaefer, Henry G., New York, N. Y. Cooling fluids. 2,191,864; Feb. 27.
Schaefer, John, et al. (See Cuddigan, B. O., and Mondloch, assignors.)
Schaefer, John, et al. (See Tafel, Robert E., assignor.)
Schaefer, John E., Chicago, Ill., assignor to United Autographic Register Co. Platen roll shaft for a typewriting machine. 2,225,526; Dec. 17.
Schaefer, Louis C., Dallas, Tex., assignor of one-half to W. G. Ferguson, East St. Louis, Mo., as trustee. Cylindrical conduit gate valve. 2,192,331; Mar. 5.
Schaefer, Wilhelm. (See Edler, F., and Schaefer.)
Schaeffer, Erich. (See Basel, G., and Schaeffer.)
Schaeffer, Theophil, McClusky, N. Dak. Stand. 2,194,987; Mar. 26.
Schaelchlin, Walter, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Liquid rheostat and slip regulator. 2,205,220; June 18.
Schaelchlin, Walter, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ship propulsion stability control. 2,208,393; July 16.

Schaelchlin, Walter, Wilkinsburg, and F. R. J. Davis, Irwin, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Centrifugal device. 2,210,687; Aug. 6.

Schaelchlin, Walter, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Speed regulator. 2,221,612; Nov. 12.

Schaer, Emile, Geneva, Switzerland. Safety device. 2,194,873; Mar. 26.

Schaer, Eugene, Fort Frances, Ontario, Canada. Pipe cleaning element. 2,188,959; Feb. 6.

Schaeren, Ernst, assignor to Scintilla Ltd., Soleure, Switzerland. Electric machine. 2,190,887; Feb. 20.

Schafer, Charles J., Baltimore, Md. Alloy. 2,187,630; Jan. 16.

Schafer, Conrad B., and J. L. Drake, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for use in the cutting of plastic sheeting. 2,194,570; Mar. 26.

Schäfer, Friedrich, St. Gallen, Switzerland. Device for facilitating the closing of bags and of similar containers. 2,210,859; Aug. 6.

Schäfer, Gustav. (See Wolff, P. H., Moehrke, and Schäfer.)

Schafer, John V., assignor to Bronson Reel Company, Bronson, Mich. Fishing reel. 2,198,231; Apr. 23.

Schafer, John W., Brooklyn, N. Y. Accessory for wheeled vehicles. 2,212,327; Aug. 20.

Schäfer, Josef, Riehen, near Basel, and R. Biedermann, assignors to the firm J. R. Geigy A. G., Basel, Switzerland. Manufacture of tanning substances. 2,196,344; Apr. 9.

Schäfer, Max, Ohorn, near Kanenz, Germany. Change-speed gear. 2,208,148; July 16.

Schafer, Robert A., assignor to The National Automatic Tool Company, Richmond, Ind. Way cleaner. 2,220,806; Nov. 5.

Schafer, Willy, Wetzlar, Germany, assignor, by mesne assignments, to F. Dumur, Lausanne, Switzerland. Photographic exposure meter. 2,217,236; Oct. 8.

Schaffer, Fred B. (See Bird, J. P., and Schaffer.)

Schaffert, Ernest E., and A. Viehweger, New Paltz, N. Y. Strip fastener for window glass. 2,219,239; Oct. 22.

Schaffler, Oscar, Detroit, Mich. Receding door latch handle. 2,208,818; July 23.

Schaffner, Henri A. H. J., Paris, France. Optical system for dual-beam automobile headlights. 2,219,848; Oct. 29.

Schafmeister, Paul, Essen, Germany, assignor, by mesne assignments, to Krupp Nirosta Co., Inc., New York. N. Y. Austenitic chromium nickel steel alloy. 2,190,486; Feb. 13.

Schafmeister, Paul, and E. Houdremont, Essen, Germany, assignors, by mesne assignments, to Krupp Nirosta Company, Inc., New York, N. Y. Steel alloy. 2,186,710; Jan. 9.

Schafmeister, Paul, and E. Houdremont, Essen, Germany, assignors, by mesne assignments, to Krupp Nirosta Company, Inc., New York, N. Y. Article of welded construction. 2,187,525; Jan. 16.

Schaible, Michael F., Cincinnati, Ohio. Sink strainer. 2,197,083; Apr. 16.

Schairer, George S., South Bend, Ind., assignor, by mesne assignments, to Autogiro Company of America, Willow Grove, Pa. Rotary-wing aircraft. 2,216,164; Oct. 1.

Schairer, George S., assignor to Bendix Products Corporation, South Bend, Ind. Universal joint. 2,217,969; Oct. 15.

Schaller, Georg. (See Körber, E., and Schaller.)

Schaller, Paul. (See Goethel, H., Schaller, and Tramm.)

Schaller, Paul. (See Goethel, H., Tramm, and Schaller.)

Schalm, Leendert, and J. F. Schouten, Utrecht, Netherlands, assignors to the firm Carl Zeiss, Jena, Germany. Apparatus for subjective examination of blood. 2,209,543; July 30.

Schanck, William D., assignor to The Pfaudler Co., Rochester, N. Y. Relief valve. 2,189,084; Feb. 6.

Schanck, William D., Rochester, and G. W. Cudney, Bergen, assignors to The Pfaudler Co., Rochester, N. Y. Relief valve. 2,201,837; May 21.

Schantz, Edwin M., Dayton, assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,193,648; Mar. 12.

Schanz, Jacob L., Detroit, Mich. Straight-line clock. 2,221,413; Nov. 12.

Schaper, Georg, Muelheim-Ruhr-Broich, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Cooled nozzle segment for combustion turbines. 2,221,816; Nov. 19.

Schaper, William A. (See Kirk, M. J., James, and Schaper.)

Schaper, William A., Oak Park, assignor to Johnson Laboratories, Inc., Chicago, Ill. Permeability tuning. 2,213,328; Sept. 3.

Schappi, John, assignor to Morse Chain Company, Ithaca, N. Y. Immersion apparatus. 2,204,775; June 18.

Scharbau, Kurt A., assignor, by mesne assignments, to Eclipse Fuel Engineering Co., Rockford, Ill. Meter connecting device. 2,223,859; Dec. 3.

Schärer-Nussbaumer & Co. (See Siegenthaler, Walter, assignor.)

Scharf, Anthony, Chicago, Ill. Eraser holder for pencils. 2,216,696; Oct. 1.

Scharf, Frank W., Elgin, assignor to McGraw Electric Company, Chicago, Ill. Electrically heated pressing iron. 2,186,930; Jan. 9.

Scharfnagel, Rudolf, Stuttgart, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Electric discharge vessel. 2,188,061; Jan. 23.

Scharfnagel, Rudolf, Stuttgart, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electric discharge vessel. 2,189,928; Feb. 13.

Scharfnagel, Rudolf, Stuttgart, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Vacuum tube device. 2,197,511; Apr. 16.

Scharfnagel, Rudolf, Stuttgart, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electric discharge vessel. 2,206,515; July 2.

Scharfnagel, Rudolf, Stuttgart, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Electron tube. 2,206,516; July 2.

Scharfnagel, Rudolf, Stuttgart, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Electric discharge vessel. 2,210,131; Aug. 6.

Scharfnagel, Rudolf, Stuttgart, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electron discharge device. 2,225,465; Dec. 17.

Scharmett, George E. (See Scharmett, Max, assignor.)

Scharmett, Max, assignor to G. E. Scharmett, Ansonia, Conn. Liquid container. 2,218,483; Oct. 15.

Scharpenberg, Charles C., Bakersfield, Calif. Tool joint for well drilling. 2,205,697; June 25.

Scharr, Philip, West Hartford, Conn. Electric range or stove. 2,192,652; Mar. 5.

Scharr, Walter P., Berlin-Lankwitz, Germany, assignor to International Business Machines Corporation, New York, N. Y. Paper feeding device. 2,213,552; Sept. 3.

Scharschu, Charles A., Brackenridge, Pa., assignor to Allegheny Steel Company. Manufacture of coated strip for tubing production. 2,187,844; Jan. 23.

Schat, Ane P. (See Le Geu, Marinus C., assignor.)

Schat, Ane P., and V. Smirnoff, Utrecht, Netherlands; said Smirnoff assignor to said Schat. Winch. 2,192,842; Mar. 5.

Schattmann, Albert. (See Kampfer, A. H., and Schattmann.)

Schatz, Frederick M., assignor of one-seventh to H. Strube, Detroit, one-seventh to H. Strube, one-seventh to W. Strube, one-seventh to C. Strube, one-seventh to S. Griffin, and one-seventh to W. A. Sirr, Ferndale, Mich. Front axle and wheel spindle. 2,187,249; Jan. 16.

Schatz, Morris, Brooklyn, N. Y. Leathered let-out fur fox tail. 2,196,273; Apr. 9.

Schätzel, Walter. (See Holsten, K.-G., and Schätzel.)

Schatzman, George W. (See Patrick, G. C., and Schatzman.)

Schatzman, George W., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Fender skirt mounting. 2,196,030; Apr. 2.

Schatzman, George W., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Fender skirt mounting. 2,220,352; Nov. 5.

Schaub, Franz. (See Bokemüller, A., and Schaub.)

Schauble, Otto C., Nutley, N. J., assignor to The Lummus Company, New York, N. Y. Panel wall construction. 2,222,576; Nov. 19.

Schauer, Lawrence L., Wyoming, assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Lubricating means. 2,209,938; July 30.

Schauer, Lawrence L., Wyoming, assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Automatically controlled gravity oiler. 2,209,939; July 30.

Schaum, Fletcher, assignor to Fletcher Works, Philadelphia, Pa. Head valve for presses. 2,211,389; Aug. 13.

Schaum, Gustav. (See Albers, F., and Nitze, Schaum, and Weyde.)

Schaumann, Holger H., Roselle, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Improved colored titanium pigments. 2,226,142; Dec. 24.

Schaumer, Adolph, Los Angeles, Calif. Wearing apparel. 2,222,090; Nov. 19.

Schaus, Walter C., Great Falls, Mont., assignor to Certain-Teed Products Corporation, New York, N. Y. Roofing fastener. 2,207,897; July 16.

Schavoir, Frederick H., Stamford, Conn. Making rubber articles. 2,192,507; Mar. 5.

Schechter, Milton S., and H. L. J. Haller, Washington, D. C., dedicated to the free use of the People of the United States of America. Insecticide. 2,189,570; Feb. 6.

Schechter, Milton S., and H. L. J. Haller, Washington, D. C., assignors to Henry A. Wallace, as Secretary of Agriculture of the United States of America, and his successors in office. Insecticide. 2,200,564; May 14.

Schechter, Philip, Brooklyn, N. Y. Key and keyhole illumination. 2,201,127; May 14.

Schecter, Samuel, Philadelphia, Pa. Stovepipe construction. 2,214,480; Sept. 10.

Schedel, Hans, Stuttgart, assignor, by mesne assignments, to E. F. Huth G. m. b. H., Berlin, Germany. Electric discharge vessel. 2,202,469; May 28.

Schedel, Hans, Stuttgart, assignor, by mesne assignments, to Erich F. Huth G. m. b. H., Berlin, Germany. Electron discharge tube. 2,202,470; May 28.

Schedel, Hans, Stuttgart, assignor, by mesne assignments, to Erich F. Huth G. m. b. H., Berlin, Germany. Electric discharge vessel. 2,206,489; July 2.
Schedel, Hans, Stuttgart, assignor, by mesne assignments, to Erich F. Huth G. m. b. H., Berlin, Germany. Vacuum vessel. 2,215,798; Sept. 24.
Scheel, Wilhalm F., assignor of forty per cent to C. J. Newhouse and twenty per cent to K. H. Dell, Alexandria, Minn. Grain cleaner. 2,186,210; Jan. 9.
Scheer, Richard H. (See Herb, L. B., and Scheer.)
Scheerer, Georg. (See Heess, A., and Scheerer.)
Scheerer, Georg, Stuttgart-Bad, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Arrangement for drawing fuel out of the induction conduit of internal combustion engines. 2,201,014; May 14.
Schefe, Frederick K. (See Bollinger, C. A., and Schefe.)
Schefe, Frederick K., Gary, Ind. Coiling of continuous strip metal. 2,200,656; May 14.
Scheffauer, Frederick C., San Francisco, Calif. Pipe joint. 2,188,314; Jan. 30.
Scheffler, George H., assignor to Darco Corporation, Wilmington, Del. Activated carbon and making the same. 2,216,756; Oct. 8.
Scheffler, George H., assignor to Darco Corporation, Wilmington, Del. Alkali activation of black liquor. 2,216,757; Oct. 8.
Scheib, Ludwig. (See Browall, B. H., and Scheib.)
Scheib, Robert C. (See Rivkin, J., and Scheib.)
Scheibe, Alfred, assignor to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau, Germany. Valve guide arrangement. 2,222,457; Nov. 19.
Scheibell, Gordon B., Millburn, N. J., deceased; William O. Scheibell, administrator. Reversible magazine camera. Re. 21,435; Apr. 23.
Scheibell, Gordon B., Millburn, N. J., deceased; W. O. Scheibell, administrator. Camera construction. 2,198,417; Apr. 23.
Scheibell, Gordon B., deceased, Millburn, N. J.; W. O. Scheibell, administrator. Camera magazine ejector. 2,199,419; May 7.
Scheibell, William O., administrator. (See Scheibell, Gordon B.)
Scheibler, Hermann. (See Babbitt, D., and Scheibler.)
Scheibler, Hermann, Geneva, Switzerland, assignor to Sonotone Corporation, New York, N. Y. Hearing-aid transmitter. 2,193,844; Mar. 19.
Scheidemantel, Herman B., Muskegon, and H. J. Luth, Muskegon Heights, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Pit mat for bowling alleys. 2,205,802; June 25.
Scheidt, Wilhelm H., Wuppertal-Elberfeld, Germany. Spacing means for bag filters. 2,200,899; May 14.
Scheineman, Fred W. (See Bahlke, W. H., and Scheineman.)
Scheinman, Sol, White Plains, N. Y. Expanding file. 2,201,547; May 21.
Scheldorf, Marvel W., Schenectady, N. Y., assignor to General Electric Company. Light measuring apparatus. 2,225,353; Dec. 17.
Scheldorf, Ranald D., Haddon Heights, N. J., assignor to Radio Corporation of America. Beat frequency indicator. 2,199,189; Apr. 30.
Schelhammer, Herman J., Whitestone, assignor to American Hard Rubber Company, New York, N. Y. Hard rubber product. 2,214,182; Sept. 10.
Schelkunoff, Sergei A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission of guided waves. 2,199,083; Apr. 30.
Schelkunoff, Sergei A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Guided wave transmission. 2,210,636; Aug. 6.
Schell, James A. (See Koch, Charles H., assignor.)
Schellenberg, Albert, Joliet, Ill. Washing and rinsing machine. 2,223,858; Dec. 3.
Schellenberg, Albert, Joliet, Ill. Multiple roll wringer. 2,223,860; Dec. 3.
Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Circuit controller. 2,198,277; Apr. 23.
Schellenger, Newton C., El Paso, Tex., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Switch construction. 2,210,842; Aug. 6.
Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Switch construction. 2,211,706; Aug. 13.
Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Terminal construction. 2,212,815; Aug. 27.
Schellens, Christopher A. (See Schellens, Eugene L. and C. A.)
Schellens, Christopher A., Marblehead, Mass., and E. L. Schellens, Ridgewood, assignors to C-S Engineering Company, Englewood, N. J. Condensing steam locomotive. 2,188,315; Jan. 30.
Schellens, Eugene L. (See Schellens, Christopher A. and E. L.)
Schellens, Eugene L., Ridgewood, N. J., and C. A. Schellens, Marblehead, Mass., assignors to C-S Engineering Company, Englewood, N. J. High pressure steam generator. 2,205,911; June 25.
Schellentrager, Eugene W., Shaker Heights, assignor to The Atlas Bolt & Screw Company, Cleveland, Ohio. Weighing and charging apparatus. 2,213,639; Sept. 3.
Scheller, Curt, Chemnitz, Germany. Preventing or lessening the formation of longitudinal stripes in looped fabrics and mechanism for carrying out that method. 2,218,696; Oct. 22.
Scheller, Emil, Lorsbach-in-Taunus, assignor to Deutsche Gold und Silber Scheide-Anhalt, Frankfort-on-the-Main, Germany. Bleaching cellulose. 2,219,432; Oct. 29.
Scheller, Emil, Lorsbach in Taunus, assignor to Deutsche Gold und Silber Scheideanstalt, Frankfort-on-the-Main, Germany. Bleaching oils, fats, and waxes. 2,221,559; Nov. 12.
Scheller, Herbert, K. Wagner, and K. Aikele, assignors to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau, Germany. Structural member. 2,218,122; Oct. 15.
Schellhammer, Alfred L. (See Andersen, C. S., and Schellhammer.)
Schellin, John C., and E. J. Housekeeper, assignors to The Wooster Brass Company, Wooster, Ohio. Hose coupling construction. 2,224,610; Dec. 10.
Schelter Last Co. (See Mutch, James B., assignor.)
Schemers, William, Detroit, Mich. Latch. 2,197,195; Apr. 16.
Scheminger, Joseph A. (See Bushey, Edward L., assignor.)
Schenck, Carl, Eisengiesserei u. Maschinenfabrik Darmstadt, G. m. b. H. (See Jolas, C., and Stein, assignors.)
Schenck, John F., Jr., Shelby, N. C. Method and means for winding. 2,204,869; June 18.
Schenendorf, Benjamin, Brooklyn, N. Y. Switching device. 2,219,337; Oct. 29.
Schenk, Dankwart, Berlin-Reinickendorf, Germany, assignor to Allgemeine Elektricitats-Gesellschaft. Tube electrode. 2,189,998; Feb. 13.
Schenk, Eduard, Oakdale, Pa. Acoustic construction. 2,192,653; Mar. 5.
Schenk, Joseph G., St. Louis, Mo. Game. 2,226,912; Dec. 31.
Schenk, Tamis C., assignor to Richmond Screw Anchor Co., Inc., Brooklyn, N. Y. Making form ties. 2,193,078; Mar. 12.
Schenk, Tamis C., New York, assignor to Richmond Screw Anchor Co., Inc., Brooklyn, N. Y. Form tie. 2,218,099; Oct. 15.
Schenk, Tamis C., New York, assignor to Richmond Screw Anchor Co., Inc., Brooklyn, N. Y. Form tie. 2,222,339; Nov. 19.
Schenk, Walter D., Cleveland, Ohio. Cribbing. 2,210,264; Aug. 6.
Schenley Distillers Corporation. (See Carter, Sidney T., assignor.)
Schepmoes, Lindsley, New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Lighting fixture. 2,192,019; Feb. 27.
Schepmoes, Lindsley, New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Lighting fixture. 2,221,954; Nov. 19.
Schepss, Wilhelm. (See Müller, W., and Schepss.)
Schepss, Wilhelm, and O. Bayer, Leverkusen-I. G. Werk, Germany, assignors to General Aniline & Film Corporation. Acid wool dyestuffs of the quinoxaline series. 2,215,859; Sept. 24.
Scherbak, Hermann, New York, N. Y. Master instrument. 2,216,102; Sept. 24.
Scherbatskoy, Serge A., assignor to Well Surveys, Incorporated, Tulsa, Okla. Well logging by measurements of radioactivity. 2,219,273; Oct. 22.
Scherbatskoy, Serge A., assignor to Well Surveys, Incorporated, Tulsa, Okla. Well survey method and apparatus. 2,219,274; Oct. 22.
Scherbaum, Bernhard, Munich, assignor, by mesne assignments, to Alexanderwerk A. Von Der Nahmer Aktiengesellschaft, Remscheid, Germany. Grinding mill. 2,211,518; Aug. 13.
Scherenberg, Hans, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Diesel engine. 2,205,751; June 25.
Scherer, Frank and L. J., Denver, Colo. Voting booth. 2,215,533; Sept. 24.
Scherer, George F., San Francisco, Calif., assignor to Merco Nordstrom Valve Company, Pittsburgh, Pa. Low temperature alloy and valve or the like. 2,206,370; July 2.
Scherer, George F., San Francisco, Calif., assignor to Merco Nordstrom Valve Company, Pittsburgh, Pa. Nongalling plug valve. 2,208,394; July 16.
Scherer, Harold L., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Clutch. 2,185,714; Jan. 2.
Scherer, Leo J. (See Scherer, Frank and L. J.)
Scherer, Otto. (See Heyna, H., Schumacher, and Scherer.)
Scherer, Otto. (See Schumacher, W., Scherer, and Müller.)
Scherer, Philip C., Jr., Blacksburg, Va. Composition of matter. 2,205,734; June 25.
Scherer, Philip C., Jr., Blacksburg, Va. Composition of matter for the production of insulating materials. 2,205,735; June 25.
Scherer, Robert P., Detroit, Mich. Method and apparatus for making capsules by needle injection. 2,199,210; Apr. 30.
Scherfel, Otto C., Haddon Heights, N. J., assignor to Audubon Wire Cloth Corporation, Philadelphia, Pa. Wire fabric and making the same. 2,223,390; Dec. 3.

Schering Aktiengesellschaft. (See Feldt, A., and Schmitz, assignors.)
Schering Aktiengesellschaft. (See Feldt, A., and Schöllkopf, assignor.)
Schering Aktiengesellschaft. (See Fischer, Franz G., assignor.)
Schering Aktiengesellschaft. (See Junkmann, K., and Allardt, assignors.)
Schering Aktiengesellschaft. (See Korpiun, Joachim, assignor.)
Schering Aktiengesellschaft. (See Vonkennel, J., and Kimmig, assignors.)
Schering Corporation. (See Binz, A., and von Schickh, assignors.)
Schering Corporation. (See Butenandt, Adolf, assignor.)
Schering Corporation. (See Butenandt, A., and Hildebrandt, assignors.)
Schering Corporation. (See Dohrn, M., and Diedrich, assignors.)
Schering Corporation. (See Einig, J., and Stahlberg, assignors.)
Schering Corporation. (See Erdmann, Hans, assignor.)
Schering Corporation. (See Erdmann, H., and Voetter, assignors.)
Schering Corporation. (See Hilgermann, Robert and M., assignors.)
Schering Corporation. (See Jungmann, Karl, assignor.)
Schering Corporation. (See Logemann, W., and Koester, assignors.)
Schering Corporation. (See Mamoli, Luigi, assignor.)
Schering Corporation. (See Schoeller, Walter, assignor.)
Schering Corporation. (See Schoeller, W., Gehrke, and Hildebrandt, assignors.)
Schering Corporation. (See Schoeller, W., and Goebel, assignors.)
Schering Corporation. (See Schwenk, E., Hildebrandt, and Gehrke, assignors.)
Schering Corporation. (See Schwenk, E., and W., assignors.)
Schering Corporation. (See Schwenk, E., Whitman, and Fleischer, assignors.)
Schering Corporation. (See Serini, A., and Logemann, assignors.)
Schering Corporation. (See Sevag, Manasseh G., assignor.)
Schering Corporation. (See Strassberger, L., and Schwenk, assignors.)
Schering Corporation. (See Whitman, B., and Schwenk, assignors.)
Schering & Glatz, Inc. (See Gee, Albert H., assignor.)
Scheringer, Herbert J., Olive Bridge, N. Y. Tube cap. 2,209,665; July 30.
Scherma, Frank. (See Wheelock, J. H., and Scherma.)
Schermuly, Alfred J., C. D., and C., assignors to The Schermuly Pistol Rocket Apparatus Limited, Newdigate, England. Pistol, gun, or the like for firing and projecting rockets or projectiles for use in throwing lines. 2,208,475; July 16.
Schermuly, Alfred J., C. D. and C. Schermuly, assignors to The Schermuly Pistol Rocket Apparatus Limited, Newdigate, England. Rocket or projectile for use in throwing lines. 2,210,820; Aug. 6.
Schermuly, Charles. (See Schermuly, Alfred J., C. D., and C.)
Schermuly, Conrad D. (See Schermuly, Alfred J., C. D., and C., assignors.)
Schermuly Pistol Rocket Apparatus Limited, The. (See Schermuly, Alfred J., C. D., and C., assignors.)
Scherr, Samuel, Baltimore, Md. Composition for greasing baking pans and the like. 2,210,043; Aug. 6.
Schettler, Gustav A., Leeds, England, assignor to The Turner Tanning Machinery Company, Peabody, Mass. Staking machine. 2,204,625; June 18.
Schettler, Wesley W., Beloit, Wis., assignor to Fairbanks Morse & Co., Chicago, Ill. Thermal control of internal combustion engines. 2,225,234; Dec. 17.
Scheuch, William A., Great Kills, Staten Island, assignor to Nassau Smelting & Refining Company, Incorporated, New York, N. Y. Soldering flux. 2,217,847; Oct. 15.
Scheunemann, Edward, Mount Clemens, Mich. Road working machine. 2,186,658; Jan. 9.
Scheurer, Herbert. (See Hilger, Walter C., assignor.)
Scheutz, Joseph A., Hazel Park, Mich. Elevator apparatus. 2,187,283; Jan. 16.
Scheutz, Joseph A., Hazel Park, Mich. Vehicle bumper. 2,219,943; Oct. 29.
Scheyer, Heinz, Frankfort-on-the-Main, and E. Schwamberger, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline & Film Corporation. Producing nitrogenous condensation products of the anthrone series. 2,191,685; Feb. 27.
Schibbye, Lauritz B., Svartvik, assignor to Linköpings Armatur-Och Metallfabriks Aktiebolag, Linkoping, Sweden. Screening plate with channels. 2,185,955; Jan. 2.
Schicht, Heinrich, Huckeswagen, assignor to the firm: W. Ferd. Klingelnberg Söhne, Remscheid-Berghausen, Germany. Tool dressing apparatus for bevel gear generating machines. 2,188,016; Jan. 23.
Schichtel, Georg. (See Jaburek, F., and Schichtel.)
Schick Dry Shaver, Inc. (See Burns, Cloyd E., assignor.)
Schick, Friedrich, assignor to the firm Deutsche Erdol-Aktiengesellschaft, Berlin-Schoneberg, Germany. Refining of lignite tar, shale tar, peat tar, and the like. 2,188,015; Jan. 23.
Schick, Harry C., Inc. (See Grassmann, Edward C., assignor.)
Schick, Matt D., assignor, by mesne assignments, to Fabart Instrument Company, Chicago, Ill. Receptacle. 2,221,527; Nov. 12.
Schickler, Albert C. (See Branche, N. T., Ryden, and Schickler.)
Schieber, Robert E., Detroit, Mich. Folding bench and table construction. 2,203,394; June 4.
Schieferstein, Georg H., Berlin-Charlottenberg, Germany. Anti-vibration suspension for vehicles. 2,199,084; Apr. 30.
Schield, Wesley D., Glen Ellyn, assignor to Kroehler Mfg. Co., Naperville, Ill. Spring seat construction. 2,195,759; Apr. 2.
Schienemann, Rudolf. (See Andrieu, R., and Schienemann.)
Schienemann, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Circuit for amplifying carrier frequencies. 2,224,200; Dec. 10.
Schierding, William, Metaline Falls, Wash. Suction gold dredge. 2,195,541; Apr. 2.
Schierl, Friedrich, Berlin-Tempelhof, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Protection circuit. 2,222,784; Nov. 26.
Schierman, Daniel W., et al. (See Davis, Olin E., assignor.)
Schiff, Henry T., Chicago, Ill. Nonslip shaving implement. 2,207,269; July 9.
Schiff, Karl L., Philadelphia, Pa. Spring suspension. 2,220,916; Nov. 12.
Schiffmann, Karl, Berlin-Wilmersdorf, and E. Walter, Berlin-Lubars, assignors to Telephon-Apparat Fabrik E. Zwietusch and Company, Charlottenburg, Berlin, Germany. Party line telephone system. 2,221,655; Nov. 12.
Schifrin, Moses J., Brooklyn, N. Y. Decorative material. 2,204,776; June 18.
Schild, Heinz. (See Balle, G., and Schild.)
Schild, Heinz. (See Horst, K., and Schild.)
Schilde, Martin, New Orleans, La. Vehicle spring. 2,202,603; May 28.
Schildhaus, Morris, New York, N. Y. Hat flanging and hydraulic machine. 2,213,094; Aug. 27.
Schildmeier, Henry C., Indianapolis, Ind. Wheel balancer. 2,196,031; Apr. 2.
Schilgen, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Periodic interrupter of direct current. 2,213,553; Sept. 3.
Schillace, Anthony. (See Bonnett, J., and Schillace.)
Schillace, Anthony, and W. J. Daily, Girard, Pa., assignors to Louis Marx & Company, Inc., New York, N. Y. Target toy. 2,210,557; Aug. 6.
Schilling, Albert A. (See Hutchinson, J. F., and Schilling.)
Schilling, Albert A. (See Woodford, W. H., Walker, and Schilling.)
Schilling, Clarence L., Atlanta, Ga. Ventilator. 2,203,444; June 4.
Schilling, Heinrich. (See Baumann, P., and Schilling.)
Schilling, Karl. (See Achtel, G., Schilling, and Misch.)
Schilling, Karl. (See Eckert, W., and Schilling.)
Schilling, Paul A., assignor to Waldorf Paper Products Company, St. Paul, Minn. Box. 2,216,299; Oct. 1.
Schilling, William C., near Indianapolis, Ind. Walking stilt. 2,216,214; Oct. 1.
Schilling, William F., assignor to Ace Glass Incorporated. Vineland, N. J. Chemical apparatus. 2,190,220; Feb. 13.
Schillinger, Willy A. (See Bleakley, W. Y., and Schillinger.)
Schillström, Adolf V., Eskilstuna, Sweden. Cartridge case for firearms 2,217,848; Oct. 15.
Schimanek, Emil, Budapest, Hungary. Charge former. 2,216,422; Oct. 1.
Schimmel & Co., A. G. (See Schulz, Leo, assignor.)
Schimmel, Frederick W., Bay City, Mich., and J. M. Straub, Cleveland, Ohio. Curtain, curtain stretcher, and stretcher clamp. 2,190,888; Feb. 20.
Schimmel, Norbert. (See Kapp, G., and Schimmel.)
Schimmel, Wilhelm, Brunswick, Germany, assignor of forty per cent to M. W. Flatow, London, England. Miniature piano. 2,199,211; Apr. 30.
Schimmelschmidt, Kurt, and O. Schneider, Frankfort-on-the-Main, Germany, assignors to General Aniline & Film Corporation. Azo dyestuffs insoluble in water and fiber dyed therewith. 2,224,317; Dec. 10.
Schimpfle, Frank, Garwood, N. J. Aerial toy. 2,189,763; Feb. 13.
Schindelbeck, Valentine, Boonton, N. J. Combination dispenser. 2,203,880; June 11.
Schindhelm, Hans. (See Schultis, C. T., and Schindhelm.)
Schindhelm, Hans, Frankfort-on-the-Main-Fechenheim, and C. T. Schultis, Bergen, near Frankfort-on-the-Main, Germany, assignors to General Aniline & Film Corporation. Copper complex compounds of polyazo dyestuffs. 2,197,350; Apr. 16.

Schindler, Carl, assignor to Shallcross Controls, Inc., Milwaukee, Wis. Combustion control system for steam boilers. 2,205,494; June 25.
Schinzel, Karl, assignor to Eastman Kodak Company, Rochester, N. Y. Colored photographic image. 2,193,011; Mar. 12.
Schinzel, Karl, Troppau, Czechoslovakia, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic color developer. 2,206,126; July 2.
Schinzel, Karl, Troppau, Czechoslovakia, assignor to Eastman Kodak Company, Rochester, N. Y. Color photography. 2,226,639; Dec. 31.
Schinzel, Karl, Rochester, N. Y., and L. Schinzel, Troppau, Germany, said K. Schinzel assignor to Eastman Kodak Company, Rochester, N. Y. Making silver-free three-color prints. 2,213,745; Sept. 3.
Schinzel, Ludwig. (See Schinzel, Karl and L.)
Schirm, Erik, Dessau, Anhalt, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Manufacture of basic substituted carboxylic acid amides. 2,186,769; Jan. 9.
Schirm, Erik, Dessau in Anhalt, Germany, assignor, by mesne assignments, to Heberlein Patent Corporation, New York, N. Y. Higher molecular weight isocyanic acid esters. 2,225,661; Dec. 24.
Schirmer, Joseph R. (See Zent, Abram L., assignor.)
Schirmer, Waldo P., Cuyahoga County, Ohio. Combination motor and pump unit. 2,190,246; Feb. 13.
Schirmer, Walter E., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Forming axle housings. 2,188,316; Jan. 30.
Schirmer, Walter E., assignor to Clark Equipment Company, Buchanan, Mich. Apparatus for forming axle housings. 2,219,023; Oct. 22.
Schirokauer, Heinz, Stockholm, assignor to G. Mannheimer, Skuruborg, Ektorp, Sweden. Pressure control apparatus. 2,210,044; Aug. 6.
Schirrmeister, Kurt, Leverkusen-Wiesdorf, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of antimony trioxide pigments. 2,200,478; May 14.
Schisano, Generoso F. (See Schisano, Salvator and G. F.)
Schisano, Salvator and G. F., Brooklyn, N. Y. J candle and candleholder. 2,223,228; Nov. 26.
Schivinc, Charles, Millvale, Pa. Treadboard. 2,190,195; Feb. 13.
Schjolin, Eric O., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Metal body. 2,209,285; July 23.
Schjolin, Hans O., Bloomfield Hills, assignor to Yellow Truck & Coach Manufacturing Company, Pontiac, Mich. Clutch ventilation. 2,198,792; Apr. 30.
Schlacht, Herman, Woodhaven, L. I., N. Y. World clock. Re. 21,494; June 25.
Schlachter, Henry, Beatrice, Nebr. Mechanical movement. 2,191,865; Feb. 27.
Schlack, Paul, Berlin-Treptow, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing shrinkage effects in textiles. 2,200,134; May 7.
Schlack, Paul, Berlin-Treptow, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing crepe effects in textiles. 2,200,135; May 7.
Schlack, Paul, Berlin-Treptow, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Protecting goods containing proteins against insects. 2,202,169; May 28.
Schlack, Paul, Berlin-Treptow, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Saponifying textile materials. 2,208,857; July 23.
Schlack, Paul, Berlin-Treptow, Germany, assignor to General Aniline & Film Corporation. Producing color on textile materials. 2,215,196; Sept. 17.
Schlademan, Karl A., and U. G. Whiffen, Pullman, Wash. Javelin. 2,196,610; Apr. 9.
Schlafhorst & Co. (See Reiners, W., and Kahlisch, assignors.)
Schlafhorst, W., & Co. (See Kahlisch, Gustav, assignor.)
Schlafhorst, W., & Co. (See Reiners, W., Kahlisch, and Fürst, assignors.)
Schlage Lock Company. (See Schlage, Walter R., assignor.)
Schlage, Walter R., Palo Alto, assignor to Schlage Lock Company, San Francisco, Calif. Door lock. 2,187,058; Jan. 16.
Schlage, Walter R., assignor to Schlage Lock Company, San Francisco, Calif. Door lock. 2,193,349; Mar. 12.
Schlage, Walter R., assignor to Schlage Lock Company, San Francisco, Calif. Door latch. 2,207,877; July 16.
Schlage, Walter R., Palo Alto, assignor to Schlage Lock Company, San Francisco, Calif. Cylinder lock mounting. 2,207,878; July 16.
Schlage, Walter R., Palo Alto, assignor to Schlage Lock Company, San Francisco, Calif. Door lock. 2,215,109; Sept. 17.
Schlage, Walter R., assignor to Schlage Lock Company, San Francisco, Calif. Lock. 2,218,178; Oct. 15.
Schlandt, Arthur F. (See Chittick, M. B., and Schlandt.)
Schläpfer, Oscar, assignor to Sulser Frères Société Anonyme, Winterthur, Switzerland. Motor control system. 2,202,604; May 28.
Schlaupitz, Oswald, assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injection pump. 2,192,387; Mar. 5.
Schlecht, Leo. (See Hamprecht, G., Schlecht, and Trageser.)
Schlecht, Leo, Ludwigshafen-on-the-Rhine, and K. Ackermann, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Porous metal bodies. 2,198,042; Apr. 23.
Schleehahn, Rudolf E. (See Jähne, E. H., and Schleehahn.)
Schlegel, Carl F., Brighton, assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Polishing disk. 2,214,351; Sept. 10.
Schlegel, Ernst P., Offenbach-on-the-Main, assignor to Deutsche Gold und Silber Scheideanstat vormals Roessler, Frankfort-on-the-Main, Germany. Formation of colored decorations and of printing on enamel and glazes. 2,226,913; Dec. 31.
Schlegel, John W., East Orange, N. J., and L. Lang, New York, N. Y., assignors to The National Sugar Refining Company. Sugar granule manufacture. 2,205,177; June 18.
Schlegel, Karl H. F., Lyngby, assignor to Electrical Fono-Films Co. A/S., Copenhagen, Denmark. Volume control system. 2,221,681; Nov. 12.
Schlegel Manufacturing Company, The. (See Rydquist, Adolph, assignor.)
Schlegel Manufacturing Company, The. (See Schlegel, Carl F., assignor.)
Schlegelmilch, William M., Bronx, assignor to Keller Printing Company, New York, N. Y. Ticket printing machine. 2,190,736; Feb. 20.
Schleich, Hans. (See Pfannmuller, J., and Schleich.)
Schleicher, George R., Bronx, N. Y. Folding costumer. 2,225,235; Dec. 17.
Schleicher, Lawrence, Los Angeles, Calif. Applicator. 2,186,711; Jan. 9.
Schleicher, Rudolf, assignor to the firm Bayerische Motoren Werke Aktiengesellschaft, Munich, Germany. Motorcycle fork. 2,223,187; Nov. 26.
Schleicher, William F., Kansas City, Mo. Crossing signal. 2,219,757; Oct. 29.
Schleimann, Jensen, Arne, Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Superheterodyne receiver. 2,205,359; June 18.
Schlenk, Georg, Berlin-Spandau, Germany. Apparatus for preshrinking textile fabrics. 2,214,087; Sept. 10.
Schlenker, Max, Peru, Ill., assignor to General Time Instruments Corporation, New York, N. Y. Alarm clock. 2,216,523; Oct. 1.
Schlesinger, Alfred, Hampstead, London, England. Preparation of printing plates. 2,198,017; Apr. 23.
Schlesinger, Benjamin. (See Lavarack, F. C., and Schlesinger.)
Schlesinger, Edgar E., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car end structure. 2,189,384; Feb. 6.
Schlesinger, Harry, Des Moines, Iowa. Gearing for rotary irons. 2,218,893; Oct. 22.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Synchronization signal transmitter. 2,185,445; Jan. 2.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television transmission method. 2,186,931; Jan. 9.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Coupling transformer for television arrangements. 2,186,932; Jan. 9.
Schlesinger, Kurt, Berlin-Friedrichshagen, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Stabilization of television amplifiers. 2,186,933; Jan. 9.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Arrangement for generating tilting oscillations. 2,188,288; Jan. 23.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Tunable coupling circuit arrangement for ultra-short waves. 2,188,486; Jan. 30.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Cathode ray tube, more particularly for television purposes. 2,188,579; Jan. 30.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Cathode ray deflecting circuit. 2,188,580; Jan. 30.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Cathode ray tube. 2,188,581; Jan. 30.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Generating impulses and impulse generator. 2,190,504; Feb. 13.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Optical arrangement for scanning machines. 2,191,182; Feb. 20.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television tube. 2,191,415; Feb. 20.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Scanning disk manufacturing device. 2,192,244; Mar. 5.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television receiving rectifier. 2,194,571; Mar. 26.

Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television apparatus. 2,194,572; Mar. 26.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television receiving connection system. 2,196,364; Apr. 9.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television tube. 2,197,899; Apr. 23.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Fading regulation in television receivers. 2,197,900; Apr. 23.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television transmitter. 2,199,272; Apr. 30.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Short wave television transmitter. 2,199,273; Apr. 30.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Rectifier for television signals. 2,201,794; May 21.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television apparatus. 2,224,113; Dec. 3.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Electric relay, particularly for purposes of television. 2,224,114; Dec. 3.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Band-filter coupling circuit for television amplifiers. 2,224,115; Dec. 3.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Relaxation apparatus. 2,224,116; Dec. 3.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Magnetic distortion correcting means for cathode ray tubes. 2,224,933; Dec. 17.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. High frequency coupling system. 2,225,085; Dec. 17.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Braun tube, more particularly for television purposes. 2,226,107; Dec. 24.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television receiving connection. 2,226,108; Dec. 24.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Deflecting device. 2,226,990; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television tube. 2,226,991; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Picture receiving system. 2,226,992; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television receiver. 2,226,993; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Amplitude filter. 2,226,994; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television amplifier. 2,226,995; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television receiver. 2,226,996; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television transmitter. 2,226,997; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Propagation of television images. 2,226,998; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television receiver. 2,226,999; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television transmitter. 2,227,000; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Regulation of television receivers. 2,227,001; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television transmission method. 2,227,002; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Cathode ray tube. 2,227,003; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television reproducing method. 2,227,004; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Cathode ray television apparatus with adjustable size of the image point. 2,227,005; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Scanning device. 2,227,006; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Synchronization method. 2,227,007; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Frequency reduction device. 2,227,008; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Keystone corrector. 2,227,009; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television scanning means. 2,227,010; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television scanning means. 2,227,011; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Synchronizing signal generation system. 2,227,012; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Electron discharge device for television transmission and like purposes. 2,227,013; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television amplifier. 2,227,014; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television cathode ray tube. 2,227,016; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Hot cathode for cathode ray tubes. 2,227,017; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Photoelectric storage device. 2,227,018; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Multistage frequency reducer. 2,227,019; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Cathode ray deflecting means. 2,227,020; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Arrangement for magnetic deflection of a cathode ray. 2,227,021; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Voltage-controlled electron multiplier. 2,227,022; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Interlaced line method. 2,227,023; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Electron scanning tube. 2,227,024; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Electron tube arrangement. 2,227,025; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Amplifier arrangement for television purposes. 2,227,026; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Modulation system. 2,227,027; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Synchronization method and means. 2,227,028; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Elimination of the magnetic dispersion of transformers. 2,227,029; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Electron amplifier. 2,227,030; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Phototube with electron multiplier. 2,227,031; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Cathode ray tube. 2,227,032; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Electron optical system. 2,227,033; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Cathode ray tube. 2,227,034; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Coupling circuit arrangement for ultra-short waves. 2,227,035; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Electrostatic wide-angle deflection. 2,227,036; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Testing generator for image reproducing systems. 2,227,037; Dec. 31.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television transmission arrangement. 2,227,401; Dec. 31.
Schlesinger, Kurt, and G. Liebmann, Berlin, Germany, said Schlesinger assignor, by mesne assignments, to Loewe Radio, Inc. Picture transmitter. 2,227,015; Dec. 31.
Schlesinger, Kurt, and F. Woerner, Berlin, Germany, assignors, by mesne assignments, to Loewe Radio, Inc. Coupling circuit arrangement for television arrangements. 2,227,038; Dec. 31.
Schlessiger, Paul J. (See Naylor, W. E., and Schlessiger.)
Schlessiger, Paul J. (See Von Pein, E. J., and Schlessiger.)

Schletz, Fred A., St. Paul, Minn. Mixing machine. 2,190,487; Feb. 13.
Schleyer, Jack, New York, N. Y. Coffee filter for individual percolators. 2,224,409; Dec. 10.
Schlichenmeier, Hans, Frankfort-on-the-Main-Hochst, Germany, assignor to General Aniline & Film Corporation. Acid wool dyestuffs of the anthraquinone series. 2,189,509; Feb. 6.
Schlichenmaier, Hans, and L. W. Berlin, Frankfort-on-the-Main, Germany, assignors to General Aniline & Film Corporation. Vat dyestuffs of the anthraquinone-acridone series. 2,204,232; June 11.
Schlicht, Gunther. (See Grosse, K., and Schlicht.)
Schlichting, Karl F. (See Baader, R., and Schlichting.)
Schlichting, Otto. (See Koeberle, K., and Schlichting.)
Schlichting, Otto, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline & Film Corporation. Vat dyestuffs of the anthraquinone series. 2,206,127; July 2.
Schlichting, Otto, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline & Film Corporation. Vat dyestuffs of the anthraquinone series. 2,206,128; July 2.
Schlick, Hellmut, Burgstadt, Germany. Yarn brake. 2,201,015; May 14.
Schlicker, Herman C., Brooklyn, assignor to Clairol, Inc., New York, N. Y. Cosmetic holder. 2,219,909; Oct. 29.
Schlicksupp, Theodor F., New York, N. Y. Poultry-plucking machine. 2,206,731; July 2.
Schlitt, Joseph L., Darien, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Separation of the constituents of gaseous mixtures. 2,195,976; Apr. 2.
Schlitt, Joseph L., Darien, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Separating the constituents of gaseous mixtures. 2,209,748; July 30.
Schlitters, Michael J., Detroit, Mich. Slide for tool holders. 2,195,841; Apr. 2.
Schlitzer, Leo J. (See Wagler, David J., assignor.)
Schlitzer, Leo J., assignor of one-half to J. A. Taferner, New York, N. Y. Eye set for artificial figures. 2,223,968; Dec. 3.
Schloemilch, Joachim. (See Knoll, M., and Schloemilch.)
Schlosser, Harold L., assignor to Lectrolite Corporation, Defiance, Ohio. Supporting means for cables and the like. 2,218,894; Oct. 22.
Schlote, Guido F., Milwaukee, Wis., assignor to The Automatic Power Transmission Company, Inc., Ogden, Utah. Transmission. 2,204,514; June 11.
Schlottmann, John E., Kenedy, Tex. Brooder. 2,188,017; Jan. 23.
Schluckebier, Konrad. (See Lehne, T., Schluckebier, Thomas, and Wassmansdorff.)
Schlueter, Ernest, Jamaica, N. Y. Self-adjusting wheel brake. 2,224,197; Dec. 10.
Schlumberger, C., Paris, France, deceased; A. M. L. Doll, administratrix; assignor, by mesne assignments, to Schlumberger Well Surveying Corporation, Houston, Tex. Method of and apparatus for surveying the formations traversed by a bore hole. 2,191,119; Feb. 20.
Schlumberger, Marcel, assignor to Société de Prospection Electrique Procédés Schlumberger, Paris, France. Core taking device. 2,200,683; May 14.
Schlumberger Well Surveying Corporation. (See Aiken, Charles B., assignor.)
Schlumberger Well Surveying Corporation. (See Elliott, Raymond D., assignor.)
Schlumberger Well Surveying Corporation. (See Jakosky, J. J.. and Lyons, assignors.)
Schlumberger Well Surveying Corporation. (See Lohman, Ralph W., assignor.)
Schlumberger Well Surveying Corporation. (See Piggot, Charles S., assignor.)
Schlumberger Well Surveying Corporation. (See Schlumberger, Conrad, assignor.)
Schlumberger Well Surveying Corporation. (See Slichter, Louis B., assignor.)
Schlumbohm, Peter, New York, N. Y. Dispensing cold drinks. 2,190,084; Feb. 13.
Schlumbohm, Peter, assignor to Propane Development Corporation, New York, N. Y. Automatic level control. 2,195,387; Mar. 26.
Schlumbohm, Peter, assignor to Propane Development Corporation, New York, N. Y. Refrigerating compression cycle. 2,195,388; Mar. 26.
Schlumbohm, Peter, assignor to Propane Development Corporation, New York, N. Y. Mobile refrigerating system. 2,195,389; Mar. 26.
Schlumpf, Robert W., assignor to Hughes Tool Company, Houston, Tex. Wear resisting alloy. 2,224,448; Dec. 10.
Schlums, Otto W., assignor to Whitin Machine Works, Whitinsville, Mass. Drawing mechanism. 2,199,842; May 7.
Schlums, Otto W., assignor to Whitin Machine Works, Whitinsville, Mass. Spindle brake. 2,211,077; Aug. 13.
Schlums, Otto W., assignor to Whitin Machine Works, Whitinsville, Mass. Winding spool and guide support therefor. 2,211,078; Aug. 13.
Schlup, Ernest G., assignor to The American Rolling Mill Company, Middletown, Ohio. Elongation gauge. 2,197,196; Apr. 16.
Schluter, John J., San Francisco, Calif., assignor to American Telephone and Telegraph Company. Signal measuring system. 2,189,119; Feb. 6.
Schmacke, Karl A., Hagen, Westphalia, Germany. Siren. 2,222,322; Nov. 19.
Schmalenbach, Adolf, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Process and apparatus for the manufacture of carbon black. 2,225,354; Dec. 17.
Schmalz, John, Chicago, Ill. Toy parachute. 2,189,085; Feb. 6.
Schmeisser, Hugo, Suhl, Thuringia, Germany. Striker coupling for self-loading weapons. 2,224,524; Dec. 10.
Schmeiser, Theodore G., Fresno, Calif. Tractor device for rubber tired tractor wheels. 2,207,825; July 16.
Schmeiser, Theodore G., Fresno, Calif. Traction device. 2,207,826; July 16.
Schmeisser, Hugo, Suhl, Germany. Machine weapon. 2,200,780; May 14.
Schmeller, Edward A., Lakewood, assignor of one-fourth to F. I. Schmeller, Rocky River, one-fourth to J. L. Schmeller, and one-fourth to J. Schmeller, Sr., Lakewood, Ohio. Aluminum alloy. 2,189,834; Feb. 13.
Schmeller, Edward A., Lakewood, assignor of one-fourth to F. I. Schmeller, Rocky River, one-fourth to J. L. Schmeller, and one-fourth to J. Schmeller, Sr., Lakewood, Ohio. Aluminum alloy. 2,189,835; Feb. 13.
Schmeller, Frank I., et al. (See Schmeller, Edward A., assignor.)
Schmeller, John L., et al. (See Schmeller, Edward A., assignor.)
Schmeller, John, Sr., et al. (See Schmeller, Edward A., assignor.)
Schmerling, Louis. (See Ipatieff, V. N., and Schmerling.)
Schmerling, Louis, and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Alkylation of paraffin hydrocarbons. 2,214,481; Sept. 10.
Schmettow, Erich, Berlin-Staaken, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Apparatus responsive to accelerations. 2,203,061; June 4.
Schmid, Alfred, Berlin-Dahlem, Germany, assignor to O. F. Wyss, Zurich, Switzerland. Making semipyrophoric iron and the product obtained thereby. 2,207,879; July 16.
Schmid, Carl J., assignor to Julius Schmid, Inc., New York, N. Y. Container venting means. 2,204,448; June 11.
Schmid, Julius, Inc. (See Schmid, Carl J., assignor.)
Schmid, Leopold J., Philadelphia, Pa. Mechanical toy or display device. 2,224,799; Dec. 10.
Schmid, Max, Riehen, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Metalliferous azo-dyestuffs containing the pyrazolone ring. 2,185,901; Jan. 2.
Schmid, Max, Riehen, near Basel, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs. 2,195,784; Apr. 2.
Schmid, Max, Riehen, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Aminophenylhydrazinesulphonic acids and preparing same. 2,195,785; Apr. 2.
Schmid, Max, Riehen, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs. 2,195,786; Apr. 2.
Schmid, Max, Riehen, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Complex metal compounds of azo dyestuffs. 2,195,787; Apr. 2.
Schmid, Max, Riehen, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Complex metal compounds of azo dyestuffs. 2,195,788; Apr. 2.
Schmid, Max, Riehen, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Hydrazine and preparing the same. 2,195,789; Apr. 2.
Schmid, Max, Riehen, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Hydrazines and preparing same. 2,195,790; Apr. 2.
Schmid, Max, Riehen, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Pyrazolone derivatives. 2,211,293; Aug. 13.
Schmid, Max, Riehen, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Pyrazolones and preparing same. 2,211,294; Aug. 13.
Schmid, Max, Riehen, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Metalliferous azo dyestuffs containing simultaneously the pyrazolone ring and the thiazol ring. 2,218,299; Oct. 15.
Schmid, Max, Riehen, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs. 2,219,712; Oct. 29.
Schmid, Max, Riehen, near Basel, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Metal compounds of azo dyestuffs. 2,221,360; Nov. 12.
Schmid, Max, Riehen, near Basel, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Metal compounds of azo dyestuffs. 2,221,361; Nov. 12.

Schmid, Max, Riehen, near Basel, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Metal compounds of azo dyestuffs. 2,221,362; Nov. 12.

Schmid, Richard, and W. Wezel, Maulbronn, Germany, assignors to Schmid & Wezel, Inc., Long Island City, N. Y. Tool operating device and flexible cable therefor. 2,210,733; Aug. 6.

Schmid, Walther, F. Wienert, and H. G. L. von Stocmeier, Stassfurt, Germany, assignors, by mesne assignments, to Magnesium Development Corporation. Production of anhydrous magnesium chloride. 2,201,206; May 21.

Schmid & Wezel, Inc. (See Schmid, R., and Wezel, assignors.)

Schmid, William, Bronson, Mich., assignor, by mesne assignments, to Kingston Products Corporation. Electrical switching device. 2,203,309; June 4.

Schmid, William, Bronson, Mich., assignor to Kingston Products Corporation, Kokomo, Ind. Electrical connection means. 2,215,719; Sept. 24.

Schmidt, Albert E., Omaha, Nebr., assignor to Toro Manufacturing Corporation of Minnesota, Minneapolis, Minn. Mowing implement. 2,204,914; June 18.

Schmidt, Alfred M., Annaberg in Erzgebirge, Germany, assignor to General Electric Company. Protective device for electric circuits. 2,202,719; May 28.

Schmidt, August, Jr., Niskayuna, N. Y., assignor to General Electric Company. Electric valve converting system. 2,185,819; Jan. 2.

Schmidt, August, Jr., Niskayuna, N. Y., assignor to General Electric Company. Electric valve converting system. 2,185,820; Jan. 2.

Schmidt, August, Jr., Niskayuna, N. Y., assignor to General Electric Company. System of electrical distribution. 2,193,649; Mar. 12.

Schmidt, August, Jr., Niskayuna, N. Y., assignor to General Electric Company. Electric valve converting apparatus. 2,225,355; Dec. 17.

Schmidt, August, Jr., Schenectady, N. Y., assignor to General Electric Company. Electric valve control system. 2,198,486; Apr. 23.

Schmidt, August J., Glendale, and J. Jackson, Brooklyn, N. Y., assignors to American Machine & Foundry Company. End label attachment. Re. 21,573; Sept. 17.

Schmidt, August J., Glendale, and J. Jackson, Brooklyn, N. Y., assignors to American Machine & Foundry Company. End label attachment. 2,201,207; May 21.

Schmidt, Benjamin F., Los Angeles, Calif. Fluid pump. 2,207,226; July 9.

Schmidt, Carl, Hamburg, assignor to W. Roterberg, Dusseldorf, Germany. Depth stop for a countersinking or boring tool. 2,192,528; Mar. 5.

Schmidt, Carl, Hamburg, assignor to Werner Roterberg, Dusseldorf, Germany. Depth stop for countersinking, boring, drilling, and similar devices. 2,216,988; Oct. 8.

Schmidt, Carl W., Nuremberg, Germany. Pessary. 2,219,535; Oct. 29.

Schmidt, Charles F., Jeffersontown, Ky. Potato planter. Re. 21,537; Aug. 20.

Schmidt, Charles F., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Apparatus for assembling glass applicator rods and bottle caps. 2,185,271; Jan. 2.

Schmidt, Charles F., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Apparatus for assembling glass applicator rods and bottle caps. 2,197,714; Apr. 16.

Schmidt, Charles L. (See Kingsbury, F. L., and Schmidt.)

Schmidt, Clifton F., Jr., Baltimore, Md., and G. L. Ball, Pittsburgh, Pa., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Iridescent foil. 2,195,190; Mar. 26.

Schmidt, Clifton F., Jr., Baltimore, Md., and G. L. Ball, Pittsburgh, Pa., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Coated foil. 2,195,191; Mar. 26.

Schmidt, Edward, Methuen, assignor to Lawrence Pump and Engine Co., Lawrence, Mass. Mixing liquids. 2,206,266; July 2.

Schmidt, Edward W. (See Suman, R. W., and Schmidt.)

Schmidt, Edwin X., Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Method of and apparatus for controlling mixing of combustible gases. 2,193,240; Mar. 12.

Schmidt, Edwin X., Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Apparatus for regulating a condition. 2,203,472; June 4.

Schmidt, Erich K. J., Munich, Germany. Preservation of eggs and fresh fruit. 2,222,000; Nov. 19.

Schmidt, Francis M., North Tonawanda, N. Y., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Phonograph trip apparatus. 2,214,482; Sept. 10.

Schmidt, Fritz, Harburg-Wilhelmsburg, Germany. Elastic bearing. 2,221,884; Nov. 19.

Schmidt, George S., Elizabeth, Ill. Storm rim. 2,226,876; Dec. 31.

Schmidt, Gottfried J., Pearl River, N. Y., assignor to Bowling Patents Management Corporation. Bowling pin setting apparatus. 2,208,605; July 23.

Schmidt, Gottfried J., Pearl River, N. Y., assignor to Bowling Patents Management Corporation. Bowling pin setting apparatus. 2,217,709; Oct. 15.

Schmidt, Grayson, West Point, N. Y., assignor to United Aircraft Corporation, East Hartford, Conn. Synchronizing and phasing device. 2,221,112; Nov. 12.

Schmidt, Hans, Wuppertal-Vohwinkel, Germany, assignor to Winthrop Chemical Company, Inc., New York. N. Y. Aromatic sulphonamide-substituted antimony compounds. 2,215,430; Sept. 17.

Schmidt, Hans, Wuppertal-Vohwinkel, and H. Jung, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Metal compounds of aliphatic polyhydroxy monocarboxylic acids and making them. 2,215,429; Sept. 17.

Schmidt, Harry O. (See Muller, Charles A., assignor.)

Schmidt, Heinz, and J. Ježek, Usti nad Labem, assignors to Spolek Pro Chemickou A Hutní Výrobu, Usti nad Labem, N. L., Aussig A. E., Czechoslovakia. Potash cartridge for oxygen respirators and lifesaving apparatus. 2,209,354; July 30.

Schmidt, Helmuth. (See Gettwart, K., and Schmidt.)

Schmidt, Hellmuth O., Berlin, Germany, assignor to General Electric Company. Electric valve converting system. 2,219,200; Oct. 22.

Schmidt, Henry F., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Power absorbing or transmitting device. 2,226,412; Dec. 24.

Schmidt, Jacob, Newark, N. J. Electric pseudo machine gun toy. 2,208,313; July 16.

Schmidt, Johannes. (See Gosslau, F., and Schmidt.)

Schmidt, John, Philadelphia, Pa. Green corn cutting apparatus. 2,214,285; Sept. 10.

Schmidt, John E., Chicago, Ill., assignor to Continental Can Company, New York, N. Y. Sheet turning mechanism. 2,227,202; Dec. 31.

Schmidt, Karl, U. S. Navy. Airplane rib. 2,194,483; Mar. 26.

Schmidt, Karl, Cologne-Mulheim, Germany, assignor to General Aniline & Film Corporation. Triarylmethane dyestuffs. 2,199,577; May 7.

Schmidt, Karl F. (See Peltier, F. D., and Schmidt.)

Schmidt, Karl F., Indianapolis, Ind., assignor, by mesne assignments, to Philco Refrigerator Company, Philadelphia, Pa. Refrigerator. 2,222,543; Nov. 19.

Schmidt, Karl W., Nuremberg, Germany. Making remedy containers for introducing into cavities of the body. 2,186,729; Jan. 9.

Schmidt, Lambert, Leeds, N. Y. Thermostatic circuit interrupter. 2,191,501; Feb. 27.

Schmidt, Leopold C. and W. J., Jersey City, N. J. Airplane propeller. 2,222,444; Nov. 19.

Schmidt, Martin, Weende, near Gottingen, and K. Gmöhling, Gottingen, Germany. Self-locking nut. 2,204,385; June 11.

Schmidt, Maximilian P. (See von Poser, G., Schmidt, and Werner.)

Schmidt, Maximilian P., and O. Süs, assignors to Kalle & Co., Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Photoprinting process. 2,212,959; Aug. 27.

Schmidt, Maximilian P., and O. Süs, assignors to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Diazotype photographic printing paper. 2,216,137; Oct. 1.

Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Jaw puller. 2,186,273; Jan. 9.

Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Valve. 2,192,818; Mar. 5.

Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Feeding mechanism. 2,201,959; May 21.

Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Press. 2,205,673; June 25.

Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Cutting machine. 2,210,306; Aug. 6.

Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Washer. 2,213,453; Sept. 3.

Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Grinder. 2,216,023; Sept. 24.

Schmidt, Otto. See Reppe, W., Rothhaas, Schmidt, and and slat therefor. 2,209,355; July 30.

Schmidt, Otto W. (See Carswell, F. L., and Schmidt.)

Schmidt, Richard W., Redondo Beach, Calif., assignor to The Dicalite Company, Los Angeles, Calif. Decolorizing and filtering agent. 2,219,581; Oct. 29.

Schmidt, Robert E., Elgin, Ill., assignor to Elgin Butter Tub Company. Container construction. 2,200,900; May 14.

Schmidt, Rudolf, Vienna, Austria. Twisting reinforcements for concrete. 2,216,758; Oct. 8.

Schmidt, Rudolph J., Cleveland Heights, Ohio. Compensating attachment for milling machines. 2,187,794; Jan. 23.

Schmidt, Ulrich, assignor to the firm of Carl Zeiss, Jena, Germany. Reflecting system having two plane reflecting surfaces. 2,199,843; May 7.

Schmidt, Walter, Berlin, assignor of one-half to F. Deckel, Munich-Prince-Ludwigshohe, Bavaria, Germany. Photographic camera. 2,187,953; Jan. 23.

Schmidt, Walter J. (See Schmidt, Leopold C. and W. J.)

Schmidt, Werner P., Stockholm, Sweden. Ski holder adapted for motor cars. 2,220,292; Nov. 5.
Schmidt, Wilhelm, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Coke oven charging-hole closure construction. 2,203,698; June 11.
Schmidt, Wilhelm, Oberhausen, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Operating combustion turbines and apparatus therefor. 2,207,762; July 16.
Schmidt, Willi, and F. Manchen, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Synthesis of adipic acid dinitrile. 2,222,302; Nov. 19.
Schmidt, William B., Chicago, Ill. Amusement park safety device. 2,221,414; Nov. 12.
Schmidt, William D., and H. L. Blood, assignors to The Heald Machine Company, Worcester, Mass. Grinding machine. 2,206,732; July 2.
Schmidthofer, Ernest, Chicago, Ill. Device for curing ingrowing toenails. 2,202,926; June 4.
Schmidtke, Albert H., St. Joseph, Mich., assignor, by mesne assignments, to The Greif Bros. Cooperage Corporation, Cleveland, Ohio. Stapling machine. 2,199,679; May 7.
Schmied, Joseph M., assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Punch press with balanced rams. 2,211,864; Aug. 20.
Schmied, Joseph M., assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Oil seal with outside spring. 2,224,449; Dec. 10.
Schmied, William F. (See Raney, C. R., MacDonald, and Schmied.)
Schmiedel, Johannes, assignor to J. C. Müller, Dresden, Germany, doing business under the firm name "Universelle" Cigarettenmaschinenfabrik J. C. Mueller & Co. Device for inserting necks in box bodies. 2,220,459; Nov. 5.
Schmieding, Warren H. F., assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,185,317; Jan. 2.
Schmieding, Warren H. F., assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,185,318; Jan. 2.
Schmieg, Francis A., assignor to Schmieg Sheet Metal Works, Detroit, Mich. Apparatus for removing foreign material from air. 2,192,332; Mar. 5.
Schmieg, John D., assignor to Schmieg Sheet Metal Works, Detroit, Mich. Method of and apparatus for removing foreign material from air. 2,212,752; Aug. 27.
Schmieg Sheet Metal Works. (See Schmieg, Francis A., assignor.)
Schmieg Sheet Metal Works. (See Schmieg, John D., assignor.)
Schmieglitz, Willy, Berlin, Germany. Multicolor pencil with exchangeable leads. 2,214,111; Sept. 10.
Schmitt, Arthur J., Chicago, Ill. Radio socket. 2,193,940; Mar. 19.
Schmitt, Arthur J., Chicago, Ill. Combined socket and mounting plate. 2,205,051; June 18.
Schmitt, Frank B., San Francisco, Calif. Battery servicing kit. 2,205,495; June 25.
Schmitt, George P., New York, N. Y., assignor, by mesne assignments, to Cardinal Products, Inc. Catalytic material for lighters. 2,186,995; Jan. 16.
Schmitt, George P., New York, N. Y., assignor, by mesne assignments, to Cardinal Products, Inc. Lighter 2,189,999; Feb. 13.
Schmitt, Gottlieb, Los Angeles, Calif. Lawn seed distributor. 2,221,113; Nov. 12.
Schmitt, Herman, Sheboygan, Wis. Bolt anchoring device. 2,205,545; June 25.
Schmitt, John A., assignor to The Universal Milking Machine Company, Waukesha, Wis. Pump valve assemblage. 2,215,017; Sept. 17.
Schmitt, John A., assignor to The Universal Milking Machine Company, Waukesha, Wis. Cleaner for dairy equipment. 2,215,018; Sept. 17.
Schmitt, Joseph I., Houston, Tex. Safety match package. 2,205,698; June 25.
Schmitt, Karl J., assignor to Sachsische Textilmaschinenfabrik vorm Rich. Hartmann Aktiengesellschaft, Chemchines. 2,210,343; Aug. 6.
Schmitt, Ludwig. (See Kaltenbach, C., and Schmitt.)
Schmitt, Otto A. (See Kronquest, A. L., and Schmitt.)
Schmitt, Otto A., Syracuse, assignor to Continental Can Company, New York, N. Y. Can end feeding mechanism. 2,201,923; May 21.
Schmitt, Otto A., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Can end feeding and marking mechanism. 2,201,924; May 21.
Schmitt, Richard H., Schenectady, N. Y., assignor to General Electric Company. Screw threaded fastening. 2,196,032; Apr. 2.
Schmitt, Richard H., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,221,528; Nov. 12.
Schmitt, Robert. (See Kracker, H., Zitscher, and Schmitt.)
Schmitt, Robert. (See Zitscher, A., Schmitt, and Kracker.)
Schmitt, Robert, Darmstadt, and H. Albert, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Acyl-acetic arylides having substantive properties. 2,186,274; Jan. 9.
Schmitter, Walter P., Milwaukee, Wis., assignor to R. L. Woodhouse, Melbourne, Victoria, Australia. Variable speed transmission. 2,200,101; May 7.
Schmitter, Walter P., assignor to The Falk Corporation, Milwaukee, Wis. Variable speed transmission. 2,203,635; June 4.
Schmitter, Walter P., assignor to The Falk Corporation, Milwaukee, Wis. Variable speed transmission. 2,203,636; June 4.
Schmitter, Walter P., and A. G. Bade, assignors to The Falk Corporation, Milwaukee, Wis. Variable speed transmission. 2,203,637; June 4.
Schmitz, Adolf. (See Feldt, A., and Schmitz.)
Schmitz, Carl, Oelde, Germany. Discharge of the centrifugal substance from a centrifugal drum. 2,192,589; Mar. 5.
Schmitz, Herbert J., Kenilworth, assignor to Chicago Venetian Blind Company, Chicago, Ill. Venetian blind Luehdemann.)
Schmitz, Joseph A., Chicago, Ill. Grain door for railway cars. 2,203,107; June 4.
Schmitz, William L., Jr., Los Angeles, Calif. Introducer. 2,218,009; Oct. 15.
Schmohl, Alfred C., Beaver Falls, assignor to Pressed Steel Car Company, Inc., Pittsburgh, Pa. Dump car. 2,201,945; May 21.
Schmohl, Alfred C., Beaver Falls, assignor to Pressed Steel Car Company, Inc., Pittsburgh, Pa. Car construction. 2,222,045; Nov. 19.
Schmohl, Alfred C., Beaver Falls, assignor to Pressed Steel Car Company, Inc., Pittsburgh, Pa. Car construction. 2,222,046; Nov. 19.
Schmucker, Josef, Dresden, Germany. Adhesive. 2,214,286; Sept. 10.
Schmucker, Lloyd A. (See Deakers, T. W., and Schmucker.)
Schmutz, Julius, Louisville, Ky. Printing plate and attaching means. 2,189,682; Feb. 6.
Schmutz, Oskar. (See Friedländer, E., and Schmutz.)
Schmutz, Oskar, Berlin-Haselhorst, Germany, assignor to Westinghouse Electric & Manufacturing Company, East nitz, Germany. Drawing-off device for combing ma- Pittsburgh, Pa. Regulation of synchronous machines. 2,210,688; Aug. 6.
Schmutz, Oskar, Berlin-Haselhorst, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Generator voltage regulator. 2,217,457; Oct 8.
Schnabel, Charles F. (See Smith, L. H., and Schnabel.)
Schnabel, Ernst, Berlin-Lichterfelde, Germany, assignor to Resistoflex Corporation, New York, N. Y. Preparing insoluble elastic rubber-like composition. 2,219,661; Oct. 29.
Schnabel, Ernst, Berlin-Lichterfelde, Germany, assignor to Resistoflex Corporation, New York, N. Y. Fire extinguisher. 2,222,267; Nov. 19.
Schnadel, Georg, Berlin-Charlottenburg, Germany. Hull construction for ships. 2,219,082; Oct. 22.
Schnapperelle, Bruno. (See Roland, H., Schnapperelle, and Lauck.)
Schnarz, Richard. (See König, H., Meenen, Schnarz, and Wilbert.)
Schnebelen, Paul A., assignor to Hi-Speed Tire and Accessory Company, Toledo, Ohio. Internal combustion engine treatment. 2,190,459; Feb. 13.
Schnebly, Farrell C., Norwalk, Conn., and D. L. Hopcraft, Scarsdale, N. Y., assignors to Lyndon Products Corporation, Norwalk, Conn. Disseminator for volatile materials. 2,220,583; Nov. 5.
Schneevoigt, Alwin. (See Ziese, W., Ebel, and Schneevoigt.)
Schneible, Claude B., Chicago, Ill. Column. 2,197,595; Apr. 16.
Schneible, Claude B., Chicago, Ill. Separator apparatus. 2,212,304; Aug. 20.
Schneible, Claude B., Chicago, Ill. Controlling the flow of gas from a hopper, etc. 2,212,305; Aug. 20.
Schneider, Adolf G., Muncie, Ind., and H. Schneider, Auburn, N. Y., assignors to Schneider Brothers Corporation, Wilmington, Del. Planetary turbine transmission. 2,224,884; Dec. 17.
Schneider, Albert. (See Brodersen, K., Quaedvlieg, Zabel, and Schneider.)
Schneider, Benjamin B. (See Podbielniak, Walter J., assignor.)
Schneider Brothers Corporation. (See Schneider, Adolf G. and H., assignors.)
Schneider Brothers Corporation. (See Schneider, Heinrich, assignor.)
Schneider, Charles C., St. Louis, Mo. Cloth laying machine. 2,203,970; June 11.
Schneider, Frank and M., Cleveland, Ohio. Furnace support. 2,195,684; Apr. 2.
Schneider, Frederick W. M., Chicago, Ill. Ornament and lamp support for use on Christmas trees, etc. 2,205,496; June 25.
Schneider, Fritz, H. Altgelt, and W. Neugebauer, assignors to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Treatment of staple fiber. 2,191,977; Feb. 27.
Schneider, George. (See Dreyfus, C., and Schneider.)

Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Wearing apparel. 2,191,545; Feb. 27.
Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Organic esters of cellulose and making the same. 2,192,277; Mar. 5.
Schneider, Gerd, Flint, Mich. Telescoping stud. 2,195,685; Apr. 2.
Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Laminated textile. 2,211,079; Aug. 13.
Schneider, George, Montclair, N. J., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Treatment of textile materials. 2,187,365; Jan. 16.
Schneider, Heinrich. (See Schneider, Adolf G. and H.)
Schneider, Heinrich, Beloit, Wis., assignor to Schneider Brothers Corporation, Wilmington, Del. Transmission. 2,212,901; Aug. 27.
Schneider, Helmuth G. (See Archibald, F. M., and Schneider.)
Schneider, Helmuth G., Roselle, N. J., assignor to Standard Oil Development Company. Production of ethers. 2,197,023; Apr. 16.
Schneider, Helmuth G., Roselle, N. J., assignor to Standard Alcohol Company. Making higher alcohols. 2,221,955; Nov. 19.
Schneider, Helmuth G., and L. A. Bannon, Roselle, N. J., assignor to Standard Oil Development Company. Production of lubricating oils. 2,216,253; Oct. 1.
Schneider, Helmuth G., Roselle, and W. H. Smyers, Westfield, N. J., assignors to Standard Oil Development Company. Motor fuel and preparing the same. 2,225,942; Dec. 24.
Schneider, Henry J., Quincy, Mass. Steam generator. Re. 21,561; Sept. 10.
Schneider, Hermann. (See Straub, F., and Schneider.)
Schneider, Hermann, Berlin-Neukolln, assignor of one-half to Julius Pintsch K.-G., Berlin, Germany. Grinding tool. 2,204,826; June 18.
Schneider, Johann, Vienna, Austria. Electric locking device. 2,225,715; Dec. 24.
Schneider, Johann F., Berlin, Germany. Welded rail bond. 2,227,369; Dec. 31.
Schneider, John, Alhambra, Calif. Ink drying machine. 2,196,611; Apr. 9.
Schneider, John, assignor to The Louis G. Freeman Company, Cincinnati, Ohio. Die. 2,208,858; July 23.
Schneider, Jos., & Co. Optotechnische Gesellschaft Berlin. (See Tronnier, Albrecht W., assignor.)
Schneider, Karl. (See Wild, H., and Schneider.)
Schneider, Kurt, Woodside, N. Y. Manufacture of alkali earth carbonates. 2,211,796; Aug. 20.
Schneider, Kurt R. (See Fitch, C. J., and Schneider.)
Schneider, Kurt R., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Clutch mechanism. 2,206,646; July 2.
Schneider, Kurt R., and C. J. Fitch, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Printing telegraph transmitting mechanism. 2,220,498; Nov. 5.
Schneider, Laurence A., Canton, Ohio, assignor to Poor & Company, Chicago, Ill. Machine for making rail anchors. 2,206,307; July 2.
Schneider, Ludwig, assignor to the firm Carl Quehl, Nuremberg, Germany. Trick article. 2,218,455; Oct. 15.
Schneider, Max, Denver, Colo. Alarm device for automobiles. 2,221,330; Nov. 12.
Schneider, Michael. (See Schneider, Frank and M.)
Schneider, Newton H., Salinas, Calif. Grader. 2,187,101; Jan. 16.
Schneider, Oskar. (See Schimmelschmidt, K., and Schneider.)
Schneider, Ralph F., and R. H. Coe, Chicago, Ill., and E. E. Ware, East Cleveland, assignors to The Sherwin-Williams Company, Cleveland, Ohio. Varnish oil and treating same. 2,220,293; Nov. 5.
Schneider, Robert L., San Francisco, Calif. Apparatus for delivering measured quantities of liquid from bottles or similar vessels. 2,193,043; Mar. 12.
Schneider, Theodore F., East St. Louis, Ill. Tire tool. 2,207,443; July 9.
Schneider, Walter E., assignor to Dexter Folder Company, Pearl River, N. Y. Sheet feeding apparatus. 2,218,484; Oct. 15.
Schneider, Walter J., La Grange, Ill. Automatic switch receptacle. 2,193,297; Mar. 12.
Schneider, Wilhelm. (See Fröhlich, A., and Schneider.)
Schneider, Wilhelm. (See von Gruber, Otto, and Schneider.)
Schneider, Wilhelm. (See Wilmanns, G., Kumetat, Fröhlich, Schneider, and Brodersen.)
Schneider, Wilhelm. (See Wilmanns, G., and Schneider.)
Schneider, Wilhelm. (See Wilmanns, G., Schneider, and Froehlich.)
Schneider, Wilhelm. (See Wilmanns, G., Schneider, and von Kujawa.)
Schneider, Wilhelm, Dessau, Germany, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Production of color photographic pictures. 2,186,045; Jan. 9.
Schneider, Wilhelm, Dessau, Germany, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Multicolor photography. 2,186,730; Jan. 9.
Schneider, Wilhelm, Dessau, Anhalt, Germany, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Production of colored photographic layers. 2,186,731; Jan. 9.
Schneider, Wilhelm, Dessau, Germany, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Color photography. 2,186,734; Jan. 9.
Schneider, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Piezoelectric oscillator. 2,194,676; Mar. 26.
Schneider, Wilhelm, assignor to Telefunken Gesellschaft fur Drahtlose Telegraphie m. b. H., Berlin, Germany. Piezo-electric crystal holder. 2,210,045; Aug. 6.
Schneider, Wilhelm, and H. Loleit, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Photographic color picture. 2,186,685; Jan. 9.
Schneider, Wilhelm, and A. Fröhlich, Dessau, Anhalt, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Silver halide emulsion for color photography. 2,186,732; Jan. 9.
Schneider, Wilhelm, and A. Fröhlich, Dessau, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Color photography. 2,186,733; Jan. 9.
Schneider, Wilhelm, and A. Fröhlich, Dessau, Germany, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Silver halide emulsions for color photography. 2,186,735; Jan. 9.
Schneider, Wilhelm, and H. Loleit, Dessau, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Coupling compounds for color forming development. 2,186,736; Jan. 9.
Schneider, Wilhelm, and A. Fröhlich, Dessau, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Compound having reactive methylene groups. 2.200,306; May 14.
Schneider, Wilhelm, and H. Lohaus, Dessau, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Photographic color picture. 2,214,483; Sept. 10.
Schneider, Wilhelm, Dessau, Anhalt, and G. Heymer, Wolfen, Kreis Bitterfeld, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Producing a sound track on a light-sensitive color film. 2,220,178; Nov. 5.
Schneider, William G., Toledo, Ohio. Timer governor. 2.215,301; Sept. 17.
Schneider, William J. (See Hassert, Charles E., assignor.)
Schneiderwirth, Herman J., Mount Vernon, N. Y. Silver animal mucin and producing same. 2,194,677; Mar. 26.
Schnell, Fritz, Chemnitz, Germany. Machine for making pressed articles. 2,209.141; July 23.
Schnell, Steve. (See Boldt, W. F., and Schnell.)
Schnell, Steve. (See Dick, Burns, and Schnell.)
Schnell, Steve, assignor to Wagner Electric Corporation, St. Louis, Mo. Compressor shut-off valve mechanism. 2,191,162; Feb. 20.
Schnell, Steve, assignor to Wagner Electric Corporation, St. Louis, Mo. Hand lever. 2,206,647; July 2.
Schnell, Steve, assignor to Wagner Electric Corporation, St. Louis, Mo. Automatic variable leverage mechanism. 2,206,648; July 2.
Schnell, Steve, assignor to Wagner Electric Corporation, St. Louis, Mo. Automatic leverage ratio changing mechanism. 2,211,438; Aug. 13.
Schnell, Steve, Overland, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake shoe construction. 2,215,567; Sept. 24.
Schnell, Steve, Overland, assignor to Wagner Electric Corporation, St. Louis, Mo. Adjustable brake shoe. 2,215,568; Sept. 24.
Schnell, Steve, Overland, and B. Dick, Ferguson, assignors to Wagner Electric Corporation, St. Louis, Mo. Brake shoe mounting. 2,205,439; June 25.
Schnell, Steve, Overland, and W. F. Boldt, Clayton, assignors to Wagner Electric Corporation, St. Louis, Mo. Resilient brake shoe guide. 2,211,439; Aug. 13.
Schnell, William J., Berwyn, assignor to Electrical Research Laboratories, Inc., Chicago, Ill. Radiophone communication system. 2,186,500; Jan. 9.
Schnell, William J., Berwyn, assignor to Electrical Research Laboratories Inc., Chicago, Ill. Radio receiver. 2,224,582; Dec. 10.
Schnellpressenfabrik Aktiengesellschaft Heidelberg. (See Büttner, Artur, assignor.)
Schnellpressenfabrik Koenig & Bauer, Aktiengesellschaft. (See Klinger, Karl, assignor.)
Schnetzler, Harry G., Neodesha, Kans., assignor to Standard Oil Company, Chicago, Ill. Manufacture of coke. 2,199,759; May 7.
Schnider, Morris, Los Angeles, Calif. Bobbin receptacle. 2,185,755; Jan. 2.
Schnider, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. 2-methyl-4, 6-dioxo-5-iodo-tetrahydropyridine-1-acetic acid and the manufacture thereof. 2,212,187; Aug. 20.
Schnitchen, Matthew, Fort Erie, Ontario, Canada, assignor, by mesne assignments, to New Jersey Machine Corporation, Hokoben, N. J. Labeling machine. 2,215,085; Sept. 17.

Schnitger, Herbert, Berlin-Spandau, assignor to Patentverwertungsgesellschaft mit beschrankter Haftung "Hermes," Berlin, Germany. Gas discharge device. 2,214,511; Sept. 10.
Schnittger, Wilhelm, Berlin-Wilmersdorf, Germany, assignor to Askania-Werke A. G. Theodolite. 2,224,064; Dec. 3.
Schnoll, Nathan, assignor, by mesne assignments, to Stevenson Corporation, New York, N. Y. Testing instrument. 2,190,488; Feb. 13.
Schnoll, Nathan, Palisade, N. J., assignor to Solar Manufacturing Corporation, New York, N. Y. Dry electrolytic condenser. 2,225,801; Dec. 24.
Schnoor, Raymond D., Chicago, Ill. Attachment for incandescent lamps. 2,225,183; Dec. 17.
Schnuck, Carl F., New Haven, assignor to Farrel-Birmingham Company, Incorporated, Ansonia, Conn. Hydraulic press. 2,200,998; May 14.
Schnuelle, Eldred H., Manitowoc, Wis. Tractor hitch. 2,227,231; Dec. 31.
Schnur, William V., Glencoe, assignor to P. Becker & Company, Chicago, Ill. Bat. 2,205,578; June 25.
Schnurpfeil, Erwin, Chicago, Ill. Automatic traffic signal device. 2,201,795; May 21.
Schober, Helene, maiden-name Moerder, Berlin, Germany. Apparatus for use with telephone mouthpieces. 2,225,509; Dec. 17.
Schober, Wayne E., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Brake control device. 2,226,584; Dec. 31.
Schoch, Fred C., Oak Park, Ill. Door latch. 2,189,227; Feb. 6.
Schoch, Giovanni G., Milan, Italy. Controlling and illustrating band for phonographic disks. 2,202,925; June 4.
Schoebel, Henry, West Hempstead, N. Y., assignor to Model Brassiere Corporation, Brooklyn, N. Y. Undergarment. 2,221,493; Nov. 12.
Schoedinger, F. O. (See Bell, William D., assignor.)
Schoeffler, Andrew P., Hamden, assignor to Sargent & Company, New Haven, Conn. Plane iron. 2,213,095; Aug. 27.
Schoeller, Conrad. (See Krzikalla, H., Garbsch, and Schoeller.)
Schoeller, Conrad. (See Krzikalla, H., Schoeller, Pannwitz, and Denner.)
Schoeller, Conrad. (See Schuette, H., Schoeller, and Wittwer.)
Schoeller, Conrad, H. Ulrich, and E. Ploetz, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Production of condensation products containing onium groups. 2,214,352; Sept. 10.
Schoeller, Walter, Berlin, Germany, assignor, by mesne assignments, to Schering Corporation, Bloomfield, N. J. Esters of polycyclic alcohols and producing the same. 2,192,935; Mar. 12.
Schoeller, Walter, Berlin-Westend, M. Gehrke, Birkenwerder, near Berlin, and F. Hildebrant, Hohen Neuendorf, near Berlin, Germany, assignors to Schering Corporation, Bloomfield, N. J. Male sex hormone compound. 2,200,307; May 14.
Schoeller, Walter, Berlin-Charlottenburg, and H. Goebel, Berlin-Reinickendorf, Germany, assignors to Schering Corporation, Bloomfield, N. J. Glutathione compounds and making the same. 2,209,299; July 23.
Schoen, Jerome I., et al. (See Zide, Samuel, assignor.)
Schoen, Paul F., Dearborn, assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Milling machine. 2,201,654; May 21.
Schoenbechler, Lawrence J., Omro, Wis. Steering wheel for automobiles. 2,206,431; July 2.
Schoenbechler, Lawrence J., Omro, Wis. Obstetrical forceps. 2,224,318; Dec. 10.
Schoenberg, Albert M., Seattle, Wash. Cooking vessel lid. 2,220,664; Nov. 5.
Schoenberg, Benjamin, Corona, Long Island, assignor to Eagle Electric Mfg. Co., Inc., Brooklyn, N. Y. Lamp switch operator. 2,195,582; Apr. 2.
Schoenberg, Mark J., and H. Maximon, New York, N. Y. Educational game. 2,205,440; June 25.
Schoenberger, Robert E., Shaker Heights, assignor to The W. J. Schoenberger Company, Cleveland, Ohio. Gas cock. 2,203,395; June 4.
Schoenberger, W. J., Company, The. (See Jaros, Lawrence, assignor.)
Schoenberger, W. J., Company, The. (See Schoenberger, Robert E., assignor.)
Schoenberger, W. J., Company, The. (See Stuckenholt, C. S., and Jaros, assignors.)
Schoeneck, William E., Shreveport, La., assignor to The Ohio Oil Company, Findlay, Ohio. Operating oil wells. 2,194,616; Mar. 26.
Schoenecke, Charles S., Chicago, Ill. Pressure gauge tester. 2,207,898; July 16.
Schoenemann, Karl. (See Pier, M., and Schoenemann.)
Schoenfeld, Frank H., Cleveland Heights, Ohio. Filter device for control valves. 2,189,594; Feb. 6.
Schoenfeld, Frank K., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Dispersion and making the same. 2,201,273; May 21.
Schoengarth, Walter L., Ironwood, Mich. Hydraulic transmission. 2,216,024; Sept. 24.
Schoenheit, Albert J., assignor, by mesne assignments, to Reconstruction Finance Corporation, Detroit, Mich. Visor. 2,201,377; May 21.
Schoenheit, Albert J., assignor, by mesne assignments, to Reconstruction Finance Corporation, Detroit, Mich. Visor. 2,201,378; May 21.
Schoenheit, Albert J., assignor, by mesne assignments, to Reconstruction Finance Corporation, Detroit, Mich. Door lock. 2,221,529; Nov. 12.
Schoenherr, Hans. (See Hopff, H., Eichel, and Schoenherr.)
Schoenherr, Hans. (See Hopff, H., and Schoenherr.)
Schoeniger, William, Crichton, Ala. Sheet metal fastening means. 2,185,274; Jan. 2.
Schoeninger, Adolf O., Irvington, N. J., assignor to Forstner Chain Corporation. Bracelet end connection. 2,206,052; July 2.
Schoeninger, Adolf O., Irvington, N. J., assignor to Forstner Chain Corporation. Slide band bracelet. 2,213,096; Aug. 27.
Schoenky, August R., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Fastening inserting machine. 2,186,046; Jan. 9.
Schoenky, August R., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Manufacture of shoes. 2,206,129; July 2.
Schoenky, August R., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Fastening pulling machine. 2,214,840; Sept. 17.
Schoenwerk, Arthur, Berlin, Germany. Shim for milling machinery. 2,218,179; Oct. 15.
Schoenwetter, Reinhold D., Clarendon, Va., assignor to Swirling Heat, Inc. Ignition means for oil burners. 2,204,450; June 11.
Schoenwetter, Reinhold D., Clarendon, Va., assignor to Swirling Heat, Inc. Oil burner. 2,204,451; June 11.
Schoepe, Harry, assignor to The Oster Manufacturing Company, Cleveland, Ohio. Threading and cutting machine. 2,219,944; Oct. 29.
Schoepf, Theodore H., and D. M. Ritchie, Cincinnati, Ohio, assignors, by mesne assignments, to The Westinghouse Air Brake Company, Wilmerding, Pa. Magnetic brake. Re. 21,404; Mar. 19.
Schoettinger, George, and L. Oweger, assignors to The Multiple Valve & Manufacturing Company, Dayton, Ohio. Valve operating mechanism. 2,207,599; July 9.
Schoew, Karl F., Huntington, W. Va. Hygrometer operated switch. 2,190,549; Feb. 13.
Schofield, Cecil. (See Kahn, J., Schulz, and Schofield.)
Schofield, Edwin R., Philadelphia, Pa. Reversing valve. 2,216,925; Oct. 8.
Schofield, Frank M. (See Henke, C. O., and Schofield.)
Schofield, John, Rochdale, England. Mechanism for drawing fibers in textile machines. 2,206,432; July 2.
Schofield, Joseph K., West Hartford, Conn. Metal coating. 2,195,499; Apr. 2.
Schofield, Otis U., Lorain, Ohio. Spreader. 2,223,922; Dec. 3.
Schofield, Wilfred C. (See Rice, O. R., and Schofield.)
Scholes, Richard T., Hinsdale, Ill. Rail fastening means. 2,218,156; Oct. 15.
Scholfield, Richard P., Waterford, Conn., assignor to Scholfield Service, Inc., New York, N. Y. Filing apparatus. 2,205,932; June 25.
Scholfield Service, Inc. (See Scholfield, Richard P., assignor.)
Scholfield, William L. R., Los Angeles, Calif. Holding and treating bearings. 2,209,495; July 30.
Scholl, Chester C., assignor to Belden Manufacturing Company, Chicago, Ill. Spool. 2,190,085; Feb. 13.
Scholl, Clark, assignor to The Steel Products Engineering Company, Springfield, Ohio. Overload-release drive connection. 2,194,327; Mar. 19.
Scholl, Elwood L., A. W. Oakleaf, and J. D. Morron, Detroit, Mich., assignors by mesne assignments, to United States Rubber Company, New York, N. Y. Bonding of rubber to metal. 2,220,460; Nov. 5.
Scholl, Gustav J. (See McDonald, R. E., and Scholl.)
Scholl Manufacturing Company, The. (See Thornton-Norris, George, assignor.)
Scholl, William J., Hutchinson, Kans. Tower. 2,213,870; Sept. 3.
Scholl, William M., Chicago, Ill. Mounting card for medical pads and the like. 2,209,210; July 23.
Scholler, Heinrich, Munich, Germany. Fermentation process of treating sugar worts. 2,188,193; Jan. 23.
Scholler, Heinrich, and M. Seidel, Solln, near Munich, Germany. Method of and apparatus for fermenting solutions. 2,188,192; Jan. 23.
Schöllkopf, Karl. (See Feldt, A., and Schöllkopf.)
Scholtes, Albert J., Baltimore, Md., assignor to Scovill Manufacturing Company, Waterbury, Conn. Expander tool. 2,190,386; Feb. 13.
Scholz, Caesar. (See Miescher, K., and Scholz.)
Scholz, Edmund H. (See Reinholz, V. A., and Scholz.)
Schomacker, Max T., West Los Angeles, Calif., assignor to Radio Corporation of America. Optical system. 2,196,597; Apr. 9.
Schon, Matthew, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Strip annealing aluminum foil. 2,189,836; Feb. 13.

Schon, Matthew, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Method of coating metal. 2,223,499; Dec. 3.
Schönborn, Zdenko Graf. (See Linker, Oskar, assignor.)
Schoneberger, Arthur W., Cincinnati, Ohio. Attaching clips to pens, etc. 2,189,963; Feb. 13.
Schoneman, Folkert C., Aplington, Iowa. Double-action door and hinge structure. 2,218,440; Oct. 15.
Schönfeld, Paul, Chemnitz, Germany. Production of warp knitted fabrics. 2,199,449; May 7.
Schönfeld, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Quenched spark gap. 2,222,268; Nov. 19.
Schonholtz, Jacob. (See Megar, D., Popiel, and Schonholtz.)
Schönholzer, Albert, assignor to Raduner & Co., A.-G., Horn, Switzerland. Producing noncurling stiffened woven fabrics and product thereof. 2,215,938; Sept. 24.
Schonitzer, Rudolph I. (See Allen, Edwin L., assignor.)
Schonitzer, Rudolph I., Shaker Heights, Ohio. Door opening device. 2,201,208; May 21.
Schonitzer, Rudolph I., Shaker Heights, Ohio. Door opening device. 2,219,819; Oct. 29.
Schonitzer, Rudolph I., Shaker Heights, Ohio. Door opening means. 2,219,820; Oct. 29.
Schonitzer, Rudolph I., Shaker Heights, Ohio. Door opening device. 2,219,821; Oct. 29.
Schonitzer, Rudolph I., Shaker Heights, Ohio. Door opening, door checking, and door holding device. 2,219,822; Oct. 29.
Schonitzer, Rudolph I., Shaker Heights, Ohio. Door opening means. 2,219,823; Oct. 29.
Schonitzer, Rudolph I., Shaker Heights, Ohio. Door opening and door checking device. 2,219,824; Oct. 29.
Schonitzer, Rudolph I., Shaker Heights, Ohio. Door hinge and door opening means. 2,219,825; Oct. 29.
Schoof, Arthur W. (See Thomas, W. M., and Schoof.)
Schoof, Carl G. (See Maher, W. W., and Schoof.)
Schooler, Harry H., Genesee, Idaho. Potato digger. 2,215,516; Sept. 24.
Schooley Printing and Stationery Company, The. (See Brisendine, Guy F., assignor.)
Schopmeyer, Herman H. and G. E. Felton, Hammond, Ind., assignors to American Maize-Products Company. Thermophilic starch. 2,218,221; Oct. 15.
Schor, Joseph. (See Skoverski, John R., assignor.)
Schor, Joseph, San Francisco, and J. R. Skoverski, Oakland, Calif.; said Skoverski assignor to said Schor. Clamp. 2,187,059; Jan. 16.
Schor, Joseph, San Francisco, and J. R. Skoverski, Oakland, Calif.; said Skoverski assignor to said Schor. Swivel. 2,198,092; Apr. 23.
Schorck, Frank B., assignor to Chess & Wymond, Incorporated, Louisville, Ky. Apparatus for charring barrels. 2,194,433; Mar. 19.
Schorer, Herman, Valhalla, assignor to Bosari Tank Corporation of America, New York, N. Y. Valve device. 2,203,367; June 4.
Schorger, Arlie W., and J. H. Ferguson, Madison, Wis., assignors to Burgess Cellulose Company, Freeport, Ill. Molded lignocellulosic material and making same. 2,196,277; Apr. 9.
Schorle, Herman J., Northampton, Mass., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Percussive tool. 2,205,736; June 25.
Schorle, Herman J., Astoria, Long Island, N. Y., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Hole spotter. 2,219,152; Oct. 22.
Schorle, Herman J., Astoria, Long Island, N. Y., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Hole spotter. 2,219,849; Oct. 29.
Schorle, Herman J., Florence, Mass., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Drill feeding mechanism. 2,223,533; Dec. 3.
Schott, Carl M. (See Chambliss, F. G., and Schott.)
Schott, Donald E., Bronx, assignor to Thomas C. Wilson, Inc., New York, N. Y. Fluid motor. 2,222,689; Nov. 26.
Schott, Lionel, Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal controlled switching circuits in telephone systems. 2,212,960; Aug. 27.
Schottenberg, Elmon A., assignor to Truscon Steel Company, Youngstown, Ohio. Rack and pinion operating means. 2,190.572; Feb. 13.
Schottenberg, Elmon A., assignor to Truscon Steel Company, Youngstown, Ohio. Producing muntin bar structures. 2,193,298; Mar. 12.
Schottenberg, Elmon A., assignor to Truscon Steel Company, Youngstown, Ohio. Muntin bar sturcture. 2,193,299; Mar. 12.
Schou, Herbert, Juelsminde, Denmark. Shortening. 2,220,976; Nov 12.
Schouman, Fred W. (See Jennings, H. Y., and Schouman.)
Schouten, Jan F. (See Schalm, L., and Schouten.)
Schouwstra, Pieter. (See Uyterhoeven, W., Verburg, Schouwstra, and Mutsaers.)
Schowalter, Wilfried, Ludwigshafen-on-the-Rhine, H. Haussmann, Mannheim, M. Neber, Ludwigshafen-on-the-Rhine, H. Keppler, Leverkusen-Wiesdorf, and R. Schroeter, Leverkusen-Schlebusch, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Producing products of high wetting power from aliphatic ketones. 2,218,660; Oct. 22.
Schrack, Eduard, Vienna, Germany, assignor to Radio Corporation of America, New York, N. Y. Radio frame and the like. 2,226,745; Dec. 31.
Schrade, George, Bridgeport, Conn. Pocketknife. 2,188,762; Jan. 30.
Schrader, Gerhard, Elberfeld I. G.-Werk, and O. Bayer, Leverkusen I. G. Werk, Germany, assignors to General Aniline & Film Corporation. Water-insoluble azo dyestuffs. 2 209,749; July 30.,
Schrader, Hans. (See Houdremont, E., and Schrader.)
Schrader, Harold J. (See Stocker, A. C., Schrader, and Robins.)
Schrader, Harold J., Haddon Heights, N. J., assignor to Radio Corporation of America. Method of and an apparatus for measuring torsional movements. 2,193,079; Mar. 12.
Schrader, Harold J., Haddon Heights, N. J., assignor to Radio Corporation of America. Device for measuring torsional vibration. 2,208,648; July 23.
Schramm, Alfred H., Springfield Gardens, N. Y. Electric switch device. 2,225,086; Dec. 17.
Schramm, Carl, North Coventry, assignor to The Smyth Manufacturing Company, Hartford, Conn. Preparing books for binding. 2,189,929; Feb. 13.
Schramm, Carl, North Coventry, assignor to The Smyth Manufacturing Company, Hartford, Conn. Method and means employed in casing-in books. 2,200,345; May 14.
Schramm, Jacob R., Philadelphia, Pa. Tree marker. 2,191,808; Feb. 27.
Schrank, Harry P., Munroe Falls, assignor to Seiberling Rubber Company, Barberton, Ohio. Pneumatic tire structure. 2,225,595; Dec. 17.
Schratz, George J., and W. H. Funk, Pittsburgh, Pa. Blotter attachment for pens. 2,221,060; Nov. 12.
Schray, Walter H., assignor to United Steel & Wire Company, Battle Creek, Mich. Display rack. 2,222,091; Nov. 19.
Schreck, Irvin F., East Cleveland, Ohio. Truck. 2,209,356; July 30.
Schreck, Irvin F., Cleveland, Ohio, assignor to Bond Foundry & Machine Company, Manheim, Pa. Directional control means for movable trucks and the like. 2,202,068; May 28.
Schreeck, Karl W., assignor to Una Welding, Inc., East Cleveland, Ohio. Welding apparatus. 2,209,893; July 30.
Schreffler, Robert Z., Philipsburg, Pa. Toy railway switch. 2,214,310; Sept. 10.
Schreiber, Albert J., assignor to Bower Roller Bearing Company, Detroit, Mich. Forming roller bearing cups. 2,191,916; Feb. 27.
Schreiber, Armin L., Altadena, Calif. Pottery support for glaze firing. 2,208,734; July 23.
Schreiber, Armin L., Altadena, assignor to Vernon Potteries, Ltd., Los Angeles, Calif. Pottery loading device. 2,205,178; June 18.
Schreiber, Carl W. (See Benoit, J. P., Kinker, Allen, Rohrich and Schreiber.)
Schreiber, Carl W., Toledo, Ohio., assignor to Libbey Glass Company. Transfer apparatus. 2,207,179; July 9.
Schreiber, Carl W., Toledo, Ohio, assignor to Libbey Glass Company. Burning off glassware. 2,215,980; Sept. 24.
Schreiber, Elmer A., Albert Lea, Minn. Nut for stringed musical instruments. 2,191,776; Feb. 27.
Schreiber, Frederick D., Dormont, Pa. Gas purification. 2,219,713; Oct. 29.
Schreiber-Gastell, Richard. (See Formhals, Anton, assignor.)
Schreiber, John H., St. Louis, Mo. Joint breaker and cathead. 2,208,197; July 16.
Schreiber, Richard S. (See Hanford, W. E., and Schreiber.)
Schreiber, Wilbert G. (See Arnold, Clarence L., assignor.)
Schreiber, William, assignor to The Atlantic Refining Company, Philadelphia, Pa. Treatment of hydrocarbon oil. 2,220,851; Nov. 5.
Schreiber, Max, Chicago, Ill. Vehicle head lamp. 2,191,546; Feb. 27.
Schreier, Konrad F., Highland Park, Ill. Wheat crisp. 2,206,619; July 2.
Schreihart, Edwin C. (See Hempel, C. H., Schreihart, and Clemens.)
Schreiner, George A., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Cloth shrinking machine. 2,199,011; Apr. 30.
Schreiner, Norval P., Springfield, Mo. Upholstery padding. 2,198,724; Apr. 30.
Schrell, Paul E., assignor to N. D. Q. Specialty Corporation, Brooklyn, N. Y. Carton. 2,205,157; June 18.
Schrems, Theobald, Regensburg, Germany. Instructional apparatus for teaching music. 2,207,639; July 9.
Schrick, Paul. (See McGovern, E. M., and Schrick.)

Schrier, Frank F., assignor to The Moore & White Company, Philadelphia, Pa. Slitting machine. 2,212,457; Aug. 20.
Schröder, Heinrich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna winch for aircraft. 2,187,575; Jan. 16.
Schröder, Heinrich, Berlin-Waidmannslust, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna winch. 2,188,062; Jan. 23.
Schröder, Paul. (See Augustin, Franz, assignor.)
Schröder, Walter, Berlin-Steglitz, Germany. Glass body. 2,224,088; Dec. 3.
Schroeder, August M., Peotone, Ill. Growth exterminator. 2,206,053; July 2.
Schroeder, Charles D., Kansas City, Kans. Holding device for metal trims. 2,218,832; Oct. 22.
Schroeder, Charles S., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Tilting boom. 2,198,793; Apr. 30.
Schroeder, Conrad J., Kansas City, Mo. C-clamp. 2,205,674; June 25.
Schroeder, Ernest R., Hawthorne, N. J., assignor to American Car and Foundry Company, New York, N. Y. Cushioned buffer and coupling device. 2,190,737; Feb. 20.
Schroeder, Ernest R., Hawthorne, N. J., assignor to American Car and Foundry Company, New York, N. Y. Spring bumper and drawhead. 2,201,796; May 21.
Schroeder, Ernest R., Hawthorne, N. J., assignor to American Car & Foundry Company, New York, N. Y. Car bumper. 2,207,444; July 9.
Schroeder, Louis W. (See Andler, R. F., and Schroeder.)
Schroeder, Philip, Cleveland, assignor of one-sixth to L. J. Clark, Lakewood, and four-sixths to I. J. Rossman, Cleveland, Ohio. Lithographing process. 2,192,482; Mar. 5.
Schroeder, Simon E., Chicago, Ill. Clothes wringer. 2,198,462; Apr. 23.
Schroeder, Simon E., assignor to Electric Household Utilities Corporation, Chicago, Ill. Clothes wringer. 2,209,422; July 30.
Schroeder, Simon E., assignor to Electric Household Utilities Corporation, Chicago, Ill. Clothes wringer. 2,209,423; July 30.
Schroeder, Willy, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron focusing system. 2,218,725; Oct. 22.
Schroeter, Albert G. C., South Chicago, Ill. Rail joint. 2,220,179; Nov. 5.
Schroeter, Rudolf. (See Keppler, H., and Schroeter.)
Schroeter, Rudolf. (See Schowalter, W., Haussmann, Neber, Keppler, and Schroeter.)
Schrom, Oscar G., Philadelphia, Pa. Insulated piston. 2,214,891; Sept. 17.
Schröter, Fritz. (See Karolus, A., and Schröter.)
Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray tube for television picture scanning. 2,185,609; Jan. 2.
Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television transmission. 2,189,351; Feb. 6.
Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television system. 2,202,605; May 28.
Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray tube. 2,210,987; Aug. 13.
Schroter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electronic device. 2,212,249; Aug. 20.
Schröter, Fritz, M. Knoll, W. Klüge, and H. Etzold, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Arrangement for receiving television images. 2,220,688; Nov. 5.
Schröter, Gustav-Adolf. (See Graumann, E., and Schröter.)
Schröter, Hans. (See Schröter, Kurt, and H.)
Schröter, Karl. (See Dawihl, W., and Schröter.)
Schröter, Kurt, and H., Wechmar, Germany. Mounting for oscillating members. 2,203,619; June 4.
Schröter, Rudolf, Leverkusen-Schlebusch, H. Rinke, Leverkusen-Kuppersteg, and H. Eck, Cologne-Thielenbruch, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Aromatic polynuclear polycarboxylic acids and making them. 2,197,880; Apr. 23.
Schroyer, Robert M., Pittsburgh, Pa. Illuminated drinking vessel. 2,224,319; Dec. 10.
Schrumpf, Max. (See Hornung, H., Dirks, and Schrumpf.)
Schruth, Edward, assignor to Northern Wisconsin Manufacturing Co., Pepin, Wis. Draft equalizer. 2,223,134; Nov. 26.
Schubert, Alvin E., assignor to Eastman Kodak Company, Rochester, N. Y. Double sheet stop. 2,196,741; Apr. 9.
Schubert, Alvin E., assignor to Eastman Kodak Company, Rochester, N. Y. Lens shifting and focusing mechanism. 2,203,658; June 4.
Schubert, Alvin E., assignor to Eastman Kodak Company, Rochester, N. Y. Film winding and gate opening mechanism. 2,213,746; Sept. 3.
Schubert, Franz, assignor to G. Polysius Aktiengesellschaft, Dessau, Anhalt, Germany. Method of and apparatus for treating cement and similar materials. 2,209,636; July 30.
Schubert, Julius, Sunnyside, N. Y. Articulating rod bearing for radial motors. 2,185,902; Jan. 2.
Schubert, Max. (See Honold, E., Neresheimer, Schubert, Stein, and Reich.)
Schubert, Max. (See Honold, E., Neresheimer, Schubert, Stein, and Saftien.)
Schubert, Max. (See Neresheimer, H., Honold, Stein, Schubert, and Anton.)
Schubert, Rudolph, Girard, Ohio. Oiler for thread cutting dies. 2,212,276; Aug. 20.
Schubert & Salzer Maschinenfabrik Aktiengesellschaft. (See Cečka, Franz, assignor.)
Schubert & Salzer Maschinenfabrik Aktiengesellschaft. (See Worm, Oskar, assignor.)
Schubert, Wilfred G., Cincinnati, assignor to The Stearns & Foster Company, Lockland, Ohio. Mattress construction. 2,193,410; Mar. 12.
Schubring, Albert A., Sunnyside, N. Y. Drain cleaner. 2,188,960; Feb. 6.
Schubring, Albert A., Sunnyside, N. Y. Drain cleaner. 2,195,830; Apr. 2.
Schubring, Albert A., Sunnyside, N. Y. Valve seat. 2,210,046; Aug. 6.
Schuchmann, Hans, Berlin-Spandau, assignor to "Fides" Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung, Berlin, Germany. Electron microscope. 2,215,979; Sept. 24.
Schuck, Oscar H., Philadelphia, Pa., assignor, by mesne assignments, to Radio Patents Corporation, New York, N. Y. Electrical circuits for controlling and measuring. 2,200,863; May 14.
Schueler, Julian L., assignor to Continental Steel Corporation, Kokomo, Ind. Apparatus for electroplating wire or the like. 2,203,062; June 4.
Schueler, Julian L., assignor to Continental Steel Corporation, Kokomo, Ind. Treating and coiling wire. 2,203,063; June 4.
Schueler, Julian L., assignor to Continental Steel Corporation, Kokomo, Ind. Apparatus for treating and drawing wire. 2,203,064; June 4.
Schueler, Julian L., assignor to Continental Steel Corporation, Kokomo, Ind. Sulling apparatus. 2,203,065; June 4.
Schuelke, Erich F. R. (See Pelikan, K. A. F., Schuelke, and Gerkens.)
Schuelke, Erich F. R. (See Pelikan, K. A. F., Schuelke, and von Mikusch-Buchberg.)
Schuermann, Max O., and F. Gerstner, Dormagen, Germany, assignors to American Bemberg Corporation, New York, N. Y. Extracting copper from alkaline solutions. 2,192,154; Feb. 27.
Schuermans, Maurice, and A. Baret, Brussels, Belgium. Lighting system for use on vehicles to facilitate passing at night. 2,198,554; Apr. 23.
Schuessler, L. Ray. (See Hamilton, Francis C., assignor.)
Schuette, Hermann, Mannheim, and C. Schoeller and M. Wittwer, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of condensation products. 2,205,021; June 18.
Schuetz, Clyde C., assignor to United States Gypsum Company, Chicago, Ill. Roofing. 2,199,760; May 7.
Schuftan, Paul M., Church Road, Richmond Hill, England. Purifying gases. 2,198,743; Apr. 30.
Schug, Howard L., assignor to The Hoover Company, North Canton, Ohio. Absorption refrigerating apparatus. 2,204,233; June 11.
Schug, Howard L., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,218,180; Oct. 15.
Schuh, Arthur E., Astoria, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound recording compositions. 2,221,956; Nov. 19.
Schuhmacher, Paul, assignor to "Fides Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung", Berlin, Germany. Easily machinable magnetizable body having a small coercive force and producing the same. 2,224,934; Dec. 17.
Schuhmann, Hans, Berlin-Frohnau, Germany, assignor to General Electric Company. Molding compound and molded article of manufacture. 2,196,033; Apr. 2.
Schuhmann, Richard L. (See Adams, D. W., and Schuhmann.)
Schuhmann, Richard L., assignor to American Duplex Company, Louisville, Ky. Grinding mill. 2,187,102; Jan. 16.
Schul, Max. (See Radelet, F., and Schul.)
Schuldt, Elmer F., Chicago, Ill. Locating leaks in a gas main or the like. 2,192,155; Feb. 27.
Schuldt, Elmer F., Chicago, Ill. Inflatable test plug. 2,202,321; May 28.
Schülein, Curt, Bopfingen, Wurttemberg, Germany. Treatment of driving belts. 2,194,988; Mar. 26.
Schuler, L., A.-G. (See Keck, Karl, assignor.)
Schuler, L., A. G. (See Knöchl, Leo, assignor.)
Schuler, L., A. G. (See Wiest, Matthaus, assignor.)

Schulerud, Albert L., Nutley, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Dentifrice. 2,196,154; Apr. 2.
Schulhoff, Henry B., New Brunswick, N. J. Sewage treatment. 2,188,162; Jan. 23.
Schulle, Frederick. (See Arthur, O. F., and Schulle.)
Schüller, Eduard, Berlin-Johannisthal, assignor to Licentia Patent-Verwaltungs-Gesellschaft, Berlin, Germany. Sound translating apparatus. 2,195,192; Mar. 26.
Schulman, Max, Brooklyn, N. Y. Holder for folded shirts. 2,226,443; Dec. 24.
Schulman, Solomon, New York, N. Y. Mop. 2,196,365; Apr. 9.
Schulse, Herman E., Miami, Fla. Cooling installation. 2,193,540; Mar. 12.
Schulse, Herman E., East Orange, N. J. Brew draft equipment. 2,196,709; Apr. 9.
Schulte, Charles F., assignor to Practical Burial Slipper Company, Columbus, Ohio. Burial slipper. 2,215,135; Sept. 17.
Schulte, D. A., Inc. (See Goldvogel, L., and St. John, assignors.)
Schulte, Frank W. (See Buckley, H. R., and Schulte.)
Schulte, John O., Cincinnati, Ohio. Sanding drum. 2,192,804; Mar. 5.
Schulte, Milton R., West Orange, assignor to Tung-Sole Lamp Works, Inc., Newark, N. J. Radio tube and the like. 2,202,871; June 4.
Schulte, Milton R., West Orange, assignor to Tung-Sol Lamp Works, Inc., Newark, N. J. Dial illuminating radio tube. 2,211,797; Aug. 20.
Schulte, Wilhelm, assignor to N. V. Koninklijke Pharmaceutische Fabrieken v./h. Brocades-Stheeman & Pharmacia, Meppel, Netherlands. Tampons and other porous articles and producing same. 2,202,566; May 28.
Schultheiss, William F., San Marino, Calif. Flushing valve. 2,214,863; Sept. 17.
Schultis, Carl T. (See Schindhelm, H., and Schultis.)
Schultis, Carl T., and H. S. Bergen, near Frankfort-on-the-Main, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Copper complex compound of polyazo dyestuffs. 2,212,816; Aug. 27.
Schultz, Alfred S., and L. Atkin, Bronx, assignors to Standard Brands Incorporated, New York, N. Y. Maltose fermentation. 2,202,356; May 28.
Schultz, Alfred S., Bronx, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Stabilized yeast. 2,223,464; Dec. 3.
Schultz, Alfred S., Bronx, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Comestible. 2,223,465; Dec. 3.
Schultz, Carl A., assignor to The Silver City Glass Co., Inc., Meriden, Conn. Combined container and ashtray. 2,188,692; Jan. 30.
Schultz, Charles F. and I. E., Oakland, Calif. Apparatus for forming bags. 2,195,583; Apr. 2.
Schultz, Edward, and C. A. Rohner, assignors to The Nagel-Chase Mfg. Co., Chicago, Ill. Surface finish for receptacles. 2,210,637; Aug. 6.
Schultz, Floyd F. (See Berg, Edward N., assignor.)
Schultz, Fred. (See Walker, Arnold W., assignor.)
Schultz, Fred M., Detroit, Mich. Door latch. 2,194,528; Mar. 26.
Schultz, Frederick E., Decatur, Ill. Tire tool. 2,189,683; Feb. 6.
Schultz, Fritz, I. G. Werk/Wuppertal-Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Vitamin preparation. 2,193,523; Mar. 12.
Schultz, Fritz, Wuppertal-Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of preparations containing the circulatory hormone callicrein. 2,219,167; Oct. 22.
Schultz, Harold E., Niagara Falls, N. Y. Photographic filter magazine. 2,205,179; June 18.
Schultz, Howard L. (See Hector, L. G., and Schultz.)
Schultz, Ira E. (See Schultz, Charles F. and I. E.)
Schultz, John, R. E. McCrillis, and W. C. Coaty, Marshfield, Wis. Retractable fire escape. 2,210,182; Aug. 6.
Schultz, Louis. (See Smith, A. T., and Schultz.)
Schultz, Raymond E., Elm Grove, and E. L. Kullmann, Milwaukee, Wis., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Oil atomizer. 2,196,685; Apr. 9.
Schultz, Roy M. (See Baker, J. S., and Schultz.)
Schultz, V. N., Corporation. (See Schultz, Viola N., assignor.)
Schultz, Vinton W., assignor of one-half to E. H. Anderson, Chicago, Ill. Automotive signal. 2,187,060; Jan. 16.
Schultz, Viola N., assignor to V. N. Schultz Corporation, Milwaukee, Wis. Oil burner. 2,212,052; Aug. 20.
Schultz, William F., Ripon, Wis. Fluid meter. 2,202,606; May 28.
Schultz, William F., Ripon, Wis. Starting motor drive. 2,224,935; Dec. 17.
Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Fuse. Re. 21,563; Sept. 10.
Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Fuse construction. 2,189,764; Feb. 13.
Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Cable anchoring device. 2,203,066; June 4.
Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Fuse construction. 2,203,928; June 11.
Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Fuse construction. 2,204,320; June 11.
Schultz, William O., South Milwaukee, and A. G. Steinmayer, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Repeating fuse construction. Re. 21,562; Sept. 10.
Schultz, William O., South Milwaukee, and A. G. Steinmayer, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Repeating cut-out construction. 2,210,502; Aug. 6.
Schultze, Elmer, Tacoma, Wash. Apparatus for holding garments while being stretched. 2,189,228; Feb. 6.
Schultze, Fred, Rockaway, N. J., assignor to the Government of the United States of America, as represented by The Secretary of War and his successors in office. Fuse. 2,201,209; May 21.
Schultze, Hermann E., Marbach, near Marburg/Lahn, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Clear aqueous solution of lipins and preparing the same. 2,185,969; Jan. 2.
Schultze, Werner. (See Eggert, J., Heymer, and Schultze.)
Schulz, Alfred J., and H. H. Schulz, Milwaukee, Wis. Christmas tree stand. 2,221,205; Nov. 12.
Schulz, Arthur P. (See Teller, J., and Schulz.)
Schulz, Arthur P., Hinsdale, assignor to G. and J. Teller, Chicago, Ill. Gas range construction. 2,218,961; Oct. 22.
Schulz, Conrad, Berlin-Spandau, assignor to Auto Union Aktiengesellschaft, Chemnitz, Germany. Vehicle body. 2,220,547; Nov. 5.
Schulz, Christopher A., Guttenberg, N. J., assignor to B. G. Corporation, New York, N. Y. Spark-plug tool. 2,193,886; Mar. 19.
Schulz, Ernst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio direction finder. 2,192,581; Mar. 5.
Schulz, Fritz jun. Aktiengesellschaft. (See von Philipp, Hans, assignor.)
Schulz, Herbert H. (See Schulz, Alfred J. and H. H.)
Schulz, Joseph, Newark, assignor to F. J. and M. M. Mead, Orange, N. J. Burial vault cover installation. 2,192,388; Mar. 5.
Schulz, Leo, assignor to Schimmel & Co. A. G., Miltitz, near Leipzig, Germany. Manufacture of vanillin. 2,187,366; Jan. 16.
Schulz, Reinhold E. C., Berlin-Spandau, and H. R. Berndt, assignors to Auto Union Aktiengesellschaft, Chemnitz, Germany. Door. 2,187,331; Jan. 16.
Schulz, Walter F. (See Kahn, J., Schulz, and Schofield.)
Schulz, Walter F. (See Montgomery, J. R., Schulz, and Macleod.)
Schulz, William H., assignor to Donaldson Company, Inc., St. Paul, Minn. Guard for electric welders. 2,194,573; Mar. 26.
Schulze, Albert, Leipzig, assignor to Metallwerk Terna, Quedlinburg Harz, Germany. Delivery mechanism for automatic machines. 2,210,386; Aug. 6.
Schulze, Albert L., Nevada, Mo. Safety device for automobiles. 2,222,001; Nov. 19.
Schulze, Carl, Santa Barbara, Calif. Mechanical action for musical instruments. 2,214,112; Sept. 10.
Schulze, Carl, Santa Barbara, Calif. Piano action. 2,226,877; Dec. 31.
Schulze, Clarence G., et al. (See Johnson, Harry D., assignor.)
Schulze, Ferdinand. (See Ellsworth, D. C., and Schulze.)
Schulze, Herbert, Berlin-Spandau, Germany. Wind conduction for labial pipes of organs. 2,220,548; Nov. 5.
Schulze-Herringen, Erich. (See Gutzmann, F., and Schulze-Herringen.)
Schulze-Herringen, Erich, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Common wave transmitting system. 2,197,485; Apr. 16.
Schulze-Herringen, Erich, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Low-frequency amplifier. 2,226,746; Dec. 31.
Schulze, John E., Chicago, Ill., assignor, by mesne assignments, to High Vacuum Processes, Inc., New York, N. Y. Apparatus for distilling mineral oils. 2,217,386; Oct. 8.
Schulze, John E., and R. V. Becknell, Chicago, Ill., assignors, by mesne assignments, to High Vacuum Processes, Inc., New York, N. Y. Mineral oil distillation. 2,217,385; Oct. 8.
Schulze, Karl-Heinrich, assignor to Heinrich Lanz Aktiengesellschaft, Mannheim, Germany. Suspension of inclined conveyers in harvesting machines. 2,197,135; Apr. 16.
Schulze, Karl-Heinrich, assignor to Heinrich Lanz Aktiengesellschaft, Mannheim, Germany. Harvesting and sheaving or like machine. 2,219,662; Oct. 29.
Schulze, Richard, Berlin-Mariendorf, Germany, assignor to General Electric Company. High melting point solder. 2,196,034; Apr. 2.
Schulze, Walter, Neue Muhle-Konigswusterhausen, Germany, assignor to General Electric Company. Making an insulated electrical conductor. 2,218,385; Oct. 15.
Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbon oils. 2,204,234; June 11.

Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Desulphurization of hydrocarbons. 2,206,921; July 9.
Schulze, Walter A., and G. H. Short, Bartlesville, Okla., assignors to Phillips Petroleum Company. Stabilization of copper treated oils. 2,222,122; Nov. 19.
Schulze, Werner. (See Gerecke, E., Deutschbein, and Schulze.)
Schumacher, August, Brookline, Mass. Plant thinning machine. 2,202,433; May 28.
Schumacher, Earle E. (See Phipps, G. S., and Schumacher.)
Schumacher, Elmer L. (See Eden, James A., assignor.)
Schumacher, Erwin A. (See Heise, G. W., and Schumacher.)
Schumacher, Erwin A., Lakewood, and G. W. Heise, Rocky River, Ohio, assignors to National Carbon Company, Inc. Air depolarized cell and electrode therefor. 2,207,763; July 16.
Schumacher, John C., assignor to The Dayton Manufacturing Company, Dayton, Ohio. Double pan hopper. 2,204,704; June 18.
Schumacher, Otto, Newark, N. J. Cylinder refinishing machine debris discharger. 2,199,652; May 7.
Schumacher, Willy. (See Heyna, H., Schumacher, and Scherer.)
Schumacher, Willy. (See Kracker, H., and Schumacher.)
Schumacher, Willy, O. Scherer, and F. Müller, Frankfort-on-the-Main, Germany, assignors to General Aniline & Film Corporation. Ortho- and para-nitrophenyl-trifluoromethylsulphoxides, oxidation products thereof, and preparing the same. 2,191,062; Feb. 20.
Schumaker, George W., Indianapolis, Ind. Collapsible tube cap holder. 2,202,927; June 4.
Schuman, August O., Palisade, Nebr. Wheel scraper. 2,189,253; Feb. 6.
Schuman, Edward, and N. A. Severson, Madison, Wis. Game. 2,203,183; June 4.
Schumann, Alfred F., Baltimore, Md., assignor to Hauck Manufacturing Company, Brooklyn, N. Y. Burner control apparatus. 2,219,118; Oct. 22.
Schumann, Alfred F., Baltimore, Md., and A. J. Turpin, Stewart Manor, assignors to Hauck Manufacturing Company, Brooklyn, N. Y. Regulator and burner apparatus. 2,219,119; Oct. 22.
Schumann, Lawrence R., New York, N. Y. Holder for brushes. 2,216,543; Oct. 1.
Schumann, William H., assignor to Fly Fish Kit Company, Kent, Ohio. Artificial fish bait. 2,187,666; Jan. 16.
Schunack, Johannes, Berlin-Charlottenburg, assignor to the firm of Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Intermediate modulation in television transmission. 2,206,130; July 2.
Schunack, Johannes, Berlin Friedenau, and E. Ruska, Berlin Zehlendorf, assignors to the firm Fernseh A. G., Zehlendorf, near Berlin, Germany. Electron multiplier. 2,213,076; Aug. 27.
Schunck, Herman. (See Beck, A., Schunck, and Ostermann.)
Schunck, Max, Obersursel, near Frankfort-on-the-Main, assignor to Hermann von Forster, Niederursel, near Frankfort-on-the-Main, Germany. Drawbench. 2,190,889; Feb. 20.
Schundler, F. E., & Co. (See Denning, Paul S., assignor.)
Schundler, T. E., & Co. (See Steele, William S., assignor.)
Schunk, Joseph, assignor to The National Lock Washer Company, Newark, N. J. Car window structure. 2,205,993; June 25.
Schuppert, Josef. (See Wünsch, G., and Schuppert.)
Schuppner, Harry R., Dundalk, Md. Compartment coop. 2,197,160; Apr. 16.
Schur, Milton O., assignor to Brown Company, Berlin, N. H. Manufacture of wet-strengthened paper. 2,215,136; Sept. 17.
Schur, Milton O., and B. G. Hoos, assignors to Brown Company, Berlin, N. H. Transferring preformed films to various bases. 2,220,549; Nov. 5.
Schurch, Jacob H., assignor of one-half to W. H. Heise, Los Angeles, Calif. Induction motor. 2,185,990; Jan. 2.
Schurch, Jacob H., assignor to Mono Phase, Inc., Los Angeles, Calif. Induction motor. 2,206,308; July 2.
Schurch, Jacob H., assignor of one-half to W. H. Heise, Los Angeles, Calif. Induction motor. 2,219,702; Oct. 29.
Schurig, Otto R., Schenectady, N. Y., assignor to General Electric Company. Coffee maker. 2,209,831; July 30.
Schurig, Otto R., Schenectady, N. Y., assignor to General Electric Company. Electric heater. 2,209,832; July 30.
Schurig, Otto R., Schenectady, N. Y., assignor to General Electric Company. Electric heater. 2,227,159; Dec. 31.
Schürmann, Carl, Dusseldorf, Germany, assignor to The Aerogen Company Limited, London, England. Clutch or the like. 2,189,930; Feb. 13.
Schurr, Charles H., assignor to The Lees-Bradner Company, Cleveland, Ohio. Machine tool. 2,186,770; Jan. 9.
Schury, John, Detroit, Mich. Air conditioning apparatus. 2,189,021; Feb. 6.
Schurz, Archie W., Bridgeport, Wis. Silage spreader. 2,193,145; Mar. 12.
Schüssler, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Impedance matching device. 2,213,054; Aug. 27.
Schuster, Cecil R., Portland, Oreg. Compartment forming device for drawers. 2,218,300; Oct. 15.
Schuster, Curt. (See Kaupp, J., Ritzenthaler, Schuster, and Hoyer.)
Schuster, Fred E., Cincinnati, and H. E. Paul, Sharonville, Ohio. Spinal adjustment device. 2,204,259; June 11.
Schuster, Fritz, Chemnitz, Germany. Drying stockings. 2,200,191; May 7.
Schuster, Fritz, Chemnitz, Germany. Treatment of textile articles. 2,219,663; Oct. 29.
Schuster, Karl, Giengen-on-the-Brenz, assignor to F. Oberdorfer G. m. b. H., Heidenheimer-on-the-Brenz, Germany. Wire fabric. 2,212,796; Aug. 27.
Schut, Abraham, Chicago, Ill. Airplane. 2,189,553; Feb. 6.
Schutt, Arthur J., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Thermostatic valve. 2,191,627; Feb. 27.
Schutt, Arthur J., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Vehicle heating system. 2,212,250; Aug. 20.
Schutt, Hermann C., Tarrytown, assignor, by mesne assignments, to American Locomotive Company, New York, N. Y. Refining hydrocarbons. 2,187,631; Jan. 16.
Schutt, Hermann C., North Tarrytown, N. Y., assignor to The Pure Oil Company, Chicago, Ill. Pyrolysis of hydrocarbon fluids. 2,197,197; Apr. 16.
Schütte, Alfred, assignor to Maschinenfabrik, Augsburg-Nürnberg A. G., Augsburg, Germany. Combustion engine. 2,198,516; Apr. 23.
Schutte, August H. (See Mekler, V., and Schutte.)
Schutte, August H., Westfield, N. J., assignor to The Lummus Company, New York, N. Y. Heat exchanger. 2,222,575; Nov. 19.
Schutte and Koerting Company. (See Boehm, Frederick, assignor.)
Schutte & Koerting Company. (See Cooke, Gerhart, assignor.)
Schutte & Koerting Co. (See Derby, Samuel E., assignor.)
Schutte & Koerting Company. (See Gerber, Walter H., assignor.)
Schutte & Koerting Company. (See Sweet, Charles F., Jr., assignor.)
Schuttig, Charles L., Ridgefield Park, N. J., assignor to Arkansas Company, Inc., New York, N. Y. Sulphonated fatty oils and making same. 2,186,308; Jan. 9.
Schüttler, Paul, Berlin-Charlottenburg, Germany. Production of piston rings, especially of light metal pistons for internal combustion engines. 2,219,095; Oct. 22.
Schüttler, Paul, Berlin-Charlottenburg, assignor to Pallas Apparate Gesellschaft m. b. H., Berlin, Germany. Carburetor. 2,216,677; Oct. 1.
Schüttler, Paul, and J. Vollmer, Berlin-Charlottenburg, assignors to Pallas Apparate G. m. b. H., Berlin, Germany. Fuel-injection nozzle, especially for light-oil injection motors. 2,194.236; Mar. 19.
Schutz, Harold R. (See Bennett, E. H., and Schutz.)
Schutz, Harold R., Toledo, Ohio, assignor to Libbey Glass Company. Apparatus for banding articles. 2,215,981; Sept. 24.
Schutz, Harold R., and L. O. Mankin, Toledo, Ohio, assignors to Libbey Glass Company. Tumbler decorating apparatus. 2,198,565; Apr. 23.
Schutz, Harold R., and J. H. Treece, Toledo, Ohio, assignors to Libbey Glass Company. Tumbler handling apparatus. 2,206,267; July 2.
Schutz, Raymond F., Buffalo, N. Y. Spectacle case. 2,187,176; Jan. 16.
Schutz, Raymond F., Buffalo, N. Y. Spectacle case. 2,187,177; Jan. 16.
Schutz, Raymond F., Buffalo, N. Y. Spectacle case. 2,187,178; Jan. 16.
Schuyler, Andrew L., La Grange, and A. R. MacLagan, Western Springs, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Lock. 2,207,827; July 16.
Schwab, James W., S. F. Powell, and G. Smith, Newgulf, assignors to Texas Gulf Sulphur Company, Houston, Tex. Solidification of sandy soils. 2,203,881; June 11.
Schwab, Martin C., Chicago, Ill. Filtering device for sterilized liquids. 2,222,123; Nov. 19.
Schwabe, Kurt, Bielitz-Bielsko, Poland. Weft cutter for looms. 2,220,665; Nov. 5.
Schwabe, Kurt, Berlin, and K. Büche, Essen-Rellinghausen, Germany, assignors to the firm Th. Goldschmidt, A.-G., (Chemische Fabriken, Essen, Ammendorf (Saalkreis) Germany). Water purification. 2,218,053; Oct. 15.
Schwachheim, Otto, Leimen, near Heidelberg, Germany. Producing white cement. 2,201,143; May 21.
Schwaen, John Louis, assignor of one-half to M. Schwaen, Tampa, Fla. Radio receiver. 2,205,365; June 18.
Schwaen, Marguerite. (See Schwaen, John L., assignor.)
Schwager, August C., San Francisco, A. E. Brock, Burlingame, and R. H. Gerard, Oakland, assignors to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Disconnecting switch. 2,205,497; June 25.
Schwager, Otto, assignor to Bayerische Motoren Werke Aktiengesellschaft, Munich, Germany. Lubricating device for aircraft engines. 2,215,086; Sept. 17.

Schwaiger, Karl, Gaggenau/Baden, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Antechamber Diesel engine with readjustable control body. 2,198,979; Apr. 30.
Schwaiger, Max, Nuremberg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating transformer. 2,186,211; Jan. 9.
Schwalbe, Franz G. (See Batchell, G. W., Mayers, and Schwalbe.)
Schwamberger, Emil. (See Scheyer, H., and Schwamberger.)
Schwandt, Albert L., East Chicago, Ind. Bubble cap for refractionating towers. 2,194,126; Mar. 19.
Schwanemann, Otto H., Jr. (See Keely, C. D., and Schwanemann.)
Schwanke, Lewis J., Kouts, Ind. Apparatus for making extractions from organic substances. 2,207,828; July 16.
Schwankhaus, Paul A., assignor to The Wadsworth Watch Case Company, Dayton, Ky. Watchcase construction. 2,221,206; Nov. 12.
Schwarc, László. (See Gáspár, B., and Schwarc.)
Schwarc, László, Brussels-Uccle, Belgium, assignor to Béla Gáspár, Hollywood, Calif. Color photographic process. 2,220,123; Nov. 5.
Schwarcman, Alexander, assignor to Spencer Kellogg and Sons, Inc., Buffalo, N. Y. Polymerizing drying oils. 2,207,686; July 9.
Schwart, Hugh, Chillicothe, Ohio. Road surface making machine. 2,195,015; Mar. 26.
Schwartz, Alexander. (See Romanoff, Hippolyte W., assignor.)
Schwartz, Alexander, New York, N. Y. Toilet seat. 2,223,229; Nov. 26.
Schwartz, Anthony M., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Alkyl hydroxy aromatic sulphonates. 2,205,949; June 25.
Schwartz, Arnold A., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Compensator mechanism. 2,206,620; July 2.
Schwartz, Arthur A., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Countersink gauge. 2,212,306; Aug. 20.
Schwartz, Bertram A. (See Hill, R. H., and Schwartz.)
Schwartz, Charles, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Purifying gelatin and casein. 2,191,206; Feb. 20.
Schwartz, Charles, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Manufacture of casein products. 2,215,137; Sept. 17.
Schwartz, Donald L. V. (See Swartz, C. E., and Schwartz.)
Schwartz, Erich, Berlin-Lichterfeld, assignor to the firm of Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Transparent projection screen. 2,213,077; Aug. 27.
Schwartz, Erich, and E. Ruska, Berlin-Zehlendorf, assignors to the firm Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Television apparatus. 2,191,590; Feb. 27.
Schwartz, Erich, Berlin-Zehlendorf, and H. Strübig, Teltow, near Berlin, assignors to Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. Secondary electron amplifier. 2,216,282; Oct. 1.
Schwartz, Fernand F., and M. A. Chavannes, Paris, France, assignors, by mesne assignments, to American Ecla Corporation, Dover, Del. Manufacture of elastic fabrics. 2,193,496; Mar. 12.
Schwartz, Frank M., Mount Vernon, N. Y. Bed covering. 2,221,114; Nov. 12.
Schwartz, Hans-Fredi, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. High tension electric insulator. 2,217,420; Oct. 8.
Schwartz, Isidore, New York, N. Y. Sweater drier and stretcher. 2,188,986; Feb. 6.
Schwartz, Jacob R., Brooklyn, N. Y. Producing tooth forms. 2,186,468; Jan. 9.
Schwartz, Karl, Dusseldorf, Germany. Automatic actuating mechanism. 2,219,636; Oct. 29.
Schwartz, Morris, assignor to Barrel Fitting & Seal Corporation, Chicago, Ill. Sheet metal container. 2,201,322; May 21.
Schwartz, Morris, Sunnyside, assignor to The Kalart Company, Inc., New York, N. Y. Camera. 2,220,917; Nov. 12.
Schwartz, Morris, Sunnyside, Long Island, and W. Castedello, Huntington, assignors to The Kalart Company, Inc., New York, N. Y. Photographic apparatus. 2,225,596; Dec. 17.
Schwartz, Nathan, assignor to Hygeia Filtering Corporation, New York, N. Y. Respirator. 2,199,230; Apr. 30.
Schwartz, Nathan, assignor to Hygeia Filtering Corporation, New York, N. Y. Respirator. 2,199,231; Apr. 30.
Schwartz, Walter M., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Combined ironing board and iron support. 2,201,925; May 21.
Schwartzmann, Harry, assignor to Fink-Roselieve Co., Inc., New York, N. Y. Exposure meter. 2,205,312; June 18.
Schwartzwalder, Karl. (See Fessler, A. H., Schwartzwalder, and Ehlers.)
Schwartzwalder, Karl. (See McDougal, T. G., Fessler and Schwartzwalder.)
Schwartzwalder, Karl, and R. H. Bigler, Flint, assignors to General Motors Corporation, Detroit, Mich. Thermogauge resistor. 2,211,168; Aug. 13.
Schwarz, August, Chicago, Ill. Process of and apparatus for refrigeration. Re. 21,599; Oct. 15.
Schwarz, August, Chicago, Ill. Multiple quick acting refrigerating system and process. Re. 21,600; Oct. 15.
Schwarz, August, Chicago, Ill. Refrigerating apparatus and process. 2,195,228; Mar. 26.
Schwarz, Bertram A. (See De Roo, W. C., Schwarz, and Agramonte.)
Schwarz, Bertram A., Kokomo, Ind., assignor to Zenith Radio Corporation, Chicago, Ill. Radio control head. 2,222,519; Nov. 19.
Schwarz, Bertram A., and W. C. De Roo, Kokomo, Ind. assignors to General Motors Corporation, Detroit, Mich. Instrument panel speaker unit. 2,186,276; Jan. 9.
Schwarz, Carl, and O. Bauer, New York, N. Y. Cutting and creasing machine. 2,193,568; Mar. 12.
Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Boudoir and table lamp. 2,192,623; Mar. 5.
Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Fluted shade. 2,192,624; Mar. 5.
Schwarz, Eugene A., Snyder, and O. Faber, Kenmore, assignors to George L. Squier Manufacturing Company, Buffalo, N. Y. Sugar cane mill. 2,205,632; June 25.
Schwarz, Gustav, Kommanditgesellschaft. (See Hoffmann, Ludwig, assignor.)
Schwarz, Henry, and C. A. Eilers, Montague, Mich. Balancer for ladders. 2,203,445; June 4.
Schwarz, Karl, Berlin-Lankwitz, assignor to Klangfilm G. m. b. H., Berlin, Germany. Production of push-pull sound records. 2,192,988; Mar. 12.
Schwarz, Karl, assignor to Klangfilm G. m. b. H., Berlin, Germany. Sound recording apparatus. 2,208,937; July 23.
Schwarz, Karl, assignor to Klangfilm G. m. b. H., Berlin, Germany. Sound recording. 2,220,461; Nov. 5.
Schwarz, Otto, assignor to R. Hoe & Co., Inc., New York, N. Y. Web supply mechanism. 2,205,498; June 25.
Schwarz, Rudolf, Liepaja, Latvia. Locking means. 2,211,586; Aug. 13.
Schwarze Electric Company. (See Von Voigtlander, Frederick, assignor.)
Schwarze, Paul, St. Gallen, Switzerland. Air heater for blast furnaces. 2,188,289; Jan. 23.
Schwarze, Paul, St. Gallen, Switzerland. Ski fastening. 2,192,870; Mar. 5.
Schwarze, Paul, St. Gallen, Switzerland. Flashlight lamp. 2,197,733; Apr. 16.
Schwarzenzer, Alexander, Roseville, Mich. Paper cup. 2,192,415; Mar. 5.
Schwarzkopf, Conrad, Wyandanch, N. Y. Combined locking and clipping device for articles of jewelry. 2,225,890; Dec. 24.
Schwarzkopf, Hans H., Meuhl, near Reutte, Tyrol, and R. Kieffer, Reutte, Tyrol, Austria, assignors, by mesne assignments, to American Electro Metal Corporation, New York, N. Y. Alloy, particularly adapted for electrical purposes. 2,218,073; Oct. 15.
Schwarzkopf, Herbert N., Lawrenceville, N. J., assignor to Radio Corporation of America. Sound picture apparatus. 2,219,850; Oct. 29.
Schwarzkopf, Paul. (See Mayer, E. E., and Schwarzkopf.)
Schwarzkopf, Paul, assignor to The American Cutting Alloys, Inc., New York, N. Y. Hard metal alloy, especially for tools. Re. 21,520; July 30.
Schwarzkopf, Paul, Reutte, Tyrol, Austria, assignor to American Electro Metal Corporation, New York, N. Y. Electric heating element. 2,193,987; Mar. 19.
Schwarzkopf, Paul, assignor to American Cutting Alloys Inc., New York, N. Y. Manufacturing hard faced metal bodies. 2,205,864; June 25.
Schwarzkopf, Paul, assignor to American Electro Metal Corporation, New York, N. Y. Manufacturing alloys, in particular steel alloys. 2,205,865; June 25.
Schwarzkopf, Paul, assignor to American Electro Metal Corporation, Yonkers, N. Y. Manufacture of alloys, in particular steel alloys. 2,225,424; Dec. 17.
Schwarzmayr, Ludwig, San Francisco, Calif. Motion picture light beam protecting system. 2,196,400; Apr. 9.
Schwebs, Robert K., Hortonville, Wis. Refrigerator freight car. 2,203,108; June 4.
Schwechten, Heinz-Werner. (See Baumann, F., Krause, Schechten, and Zell.)
Schwechten, Heinz-Werner. (See Baumann, F., and Schwechten.)
Schweich, Joseph H., Clayton, Mo. Garment. 2,199,578; May 7.
Schweickart, William M., Euclid, Ohio, assignor, by mesne assignments, to Pocahontas Fuel Company, Incorporated, New York, N. Y. Dust indicator. 2,195,842; Apr. 2.
Schweickart, William M., Ramsey, N. J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system. 2,205,603; June 25.
Schweickart, William M., and F. G. Julyan, Euclid, Ohio, assignors to Pocohontas Fuel Company Incorporated, New York, N. Y. Screw conveyer. 2,224,991; Dec. 17.
Schweiger, Walter A., La Crosse, Wash. Internal combustion engine. 2,198,130; Apr. 23.

Schweighart, Raymond, Humboldt, Ill. Silverware chest. 2,210,183; Aug. 6.
Schweiss, Joseph, assignor to Carter Carubretor Corporation, St. Louis, Mo. Carburetor accelerating pump. 2,189,554; Feb. 6.
Schweiss, Joseph, assignor to Carter Carburetor Corporation, St. Louis, Mo. Antistall device. 2,190,738; Feb. 20.
Schweiss, Joseph, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor choke control device. 2,225,943; Dec. 24.
Schweitzer & Conrad, Inc. (See Conrad, Nicholas J., assignor.)
Schweitzer & Conrad, Inc. (See McMahon, G. F., and Ramsey, assignors.)
Schweitzer & Conrad, Inc. (See Ramsey, Allan, assignor.)
Schweitzer & Conrad, Inc. (See Triplett, Hugh A., assignor.)
Schweitzer, Edmund O., Jr., Northbrook, Ill. Electric motor construction. 2,187,179; Jan. 16.
Schweitzer, Edmund O., Jr., Northbrook, Ill. Electric motor construction. 2,187,180; Jan. 16.
Schweitzer, Edmund O., Jr., Northbrook, Ill. Electric field device for separating particles of material. 2,216,254; Oct. 1.
Schweitzer, Edmund O., Jr., Northbrook, Ill. Dynamo-electric device. 2,218,859; Oct. 22.
Schweitzer, Edmund O., Northbrook, Ill. Motor construction. 2,219,457; Oct. 29.
Schweitzer, Edmund O., Jr., Northbrook, Ill. Fault indicating means. 2,224,320; Dec. 10.
Schweitzer, Edmund O., Jr., Northbrook, Ill. Transformer fault indicating means. 2,226,021; Dec. 24.
Schweitzer, Elmer. (See Marick, H. E., and Schweitzer.)
Schweitzer, Gerhard, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Capacitive radio frequency voltage divider. 2,205,866; June 25.
Schweitzer, Hugo, Leverkusen-Wiesdorf, Germany, assignor to General Aniline & Film Corporation. Azo dyestuffs. 2,215,087; Sept. 17.
Schweitzer, Paul H. (See Hetzel, T. B., and Schweitzer.)
Schweitzer, Thomas R. (See Hoffman, C., Dalby, and Schweitzer.)
Schweizer, Alfred. (See Heinrich, H., and Schweizer.)
Schweizer, Alfred, Vaihingen-on-the-Enz, and M. Hurst, assignors to Robert Bosch Gesellschaft mit Beschränkter Haftung, Stuttgart, Germany. Fuel-air mixture control for internal combustion engines. 2,213,997; Sept. 10.
Schweizer, Karl, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Ignition distributor. 2,220,003; Oct. 29.
Schweizer, Paul. (See Kleineberg, P. E., Schweizer, and Wilks.)
Schweizer, Paul, Easton, Pa., assignor to T. W. & C. B. Sheridan Company, New York, N. Y. Signature feeding. 2,223,391; Dec. 3.
Schweizer, Robert. (See Kaemmerer, H., Neumann, and Schweizer.)
Schweizer, William H., Baltimore, Md. Smoke suppressing device. 2,210,329; Aug. 6.
Schweizerische Lokomotiv- und Maschinenfabrik. (See Nyffenegger, Hans, assignor.)
Schweizerische Lokomotiv- und Maschinenfabrik. (See Portmann, August, assignor.)
Schwellenbach, Kathrine, New York, N. Y. Metal heel. 2,187,756; Jan. 23.
Schweller, Edmund F. (See Trigg, C. S., and Schweller.)
Schweller, Edmund F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,185,228; Jan. 2.
Schweller, Edmund F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,195,500; Apr. 2.
Schweller, Edmund F., assignor to General Motors Corporation, Dayton, Ohio. Hinge for refrigerator doors. 2,206,755; July 2.
Schwemlein, William, assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Pitman connection. 2,198,744; Apr. 30.
Schwemmer, Veit, Pirna, in Saxony, assignor to the firm Rütgerswerke-Aktiengesellschaft, Berlin, Germany. Recovery of aluminium and fluorine compounds from the worn-out linings of the electric furnaces employed for the production of aluminium. 2,186,433; Jan. 9.
Schwenden, Carl A. (See Seaman, R. H., and Schwenden.)
Schwendler, Carl. (See MacDonald, M. J.; and C., F. C., and C. S. Schwendler.)
Schwendler, Christopher S. (See MacDonald, M. J.; and C., F. C., and C. S. Schwendler.)
Schwendler, Frederick C. (See MacDonald, M. J.; and C., F. C., and C. S. Schwendler.)
Schwendner, Anthony F., Essington, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Hydraulic governing apparatus. 2,224,321; Dec. 10.
Schwendner, Anthony F., Ridley Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Governing apparatus. 2,225,321; Dec. 17.
Schwenk, Erwin. (See Strassberger, L., and Schwenk.)
Schwenk, Erwin. (See Whitman, B., and Schwenk.)
Schwenk, Erwin, Montclair, N. J., B. Whitman, New York, N. Y., and G. A. Fleischer, Montclair, assignors to Schering Corporation, Bloomfield, N. J. Preparation of Δ^4-pregnenol-20-one-3 and intermediates obtained therein. 2,212,104; Aug. 20.
Schwenk, Erwin, Montclair, N. J., and B. Whitman, New York, N. Y., assignors to Schering Corporation, Bloomfield, N. J. Cyclopentano-phenanthrene compounds and producing same. 2,220,623; Nov. 5.
Schwenk, Erwin, Montclair, N. J., and F. Hildebrandt, Hohen Neuendorf, near Berlin, and M. Gehrke, Birkenwerder, near Berlin, Germany, assignors to Shering Corporation, Bloomfield, N. J. Producing hormone preparations of high purity. 2,225,662; Dec. 24.
Schwenk, Kurt, Zwickau, Germany, assignor to Auto Union Aktiengesellschaft, Chemnitz, Germany. Vehicle body. 2,197,950; Apr. 23.
Schwenk, Willy, Ludwigsburg, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Film guide structure for motion picture cameras. 2,225,021; Dec. 17.
Schwenn, Eric H., Lansing, Mich. Control for automobiles. 2,188,234; Jan. 23.
Schwertfeger, Walter J. (See Randall, W. H., Parsons, and Schwertfeger.)
Schwichtenberg, Otto, assignor to Internationaler Moratti Maschinenverkeuf A. G., Berlin, Germany. Mechanical shuttle drive for circular looms. 2,185,446; Jan. 2.
Schwickrath, Gus H. (See Krutsch, Lloyd H., assignor.)
Schwimmer, Oscar, Los Angeles, Calif. Ice-cubing apparatus. 2,216,603; Oct. 1.
Schwimmer, Oscar, Los Angeles, Calif. Ice-cubing apparatus. 2,216,604; Oct. 1.
Schwimmer, Oscar, Los Angeles, Calif. Ice-cubing apparatus. 2,226,413; Dec. 24.
Schwinn, Frank W., Chicago, Ill. Freewheeling hub. 2,211,548; Aug. 13.
Schwinn, Frank W., Chicago, Ill. Bicycle sprocket mounting. 2,227,232; Dec. 31.
Schylander, John F., Chicago, Ill. Reinforced spindle. 2,211,031; Aug. 13.
Sciavolino, Joseph G., Hoboken, N. J. Combination smoking pipe, cigarette holder, and saliva trap. 2,189,616; Feb. 6.
Scientific and Industrial Research, The Honorary Advisory Council for. (See Niven, Charles D., assignor.)
Scintilla Ltd. (See Schaeren, Ernst, assignor.)
Scintilla Ltd. (See von Tavel, Hesper, assignor.)
Sciortino, Joseph, et al. (See Carvotta, Cosimo, assignor.)
Sckrabei, Paul, Berlin-Lubars, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Typographical composing machine. 2,222,917; Nov. 26.
Scobell, Sidney A. (See Wheler, A. G., and Roznowski, assignors.)
Scofield, Edgar, New York, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Closure cap and package. 2,223,742; Dec. 3.
Scofield, Lester W., Pound Ridge, N. Y., assignor to F. Cataldo, Trinity Pass, New Canaan, Conn. Lawn trimming device. 2,188,961; Feb. 6.
Scofield, Philip F., Palo Alto, Calif. Low velocity nozzle. 2,224,450; Dec. 10.
Scofield, Theodore J., assignor to The Sparks-Withington Company, Jackson, Mich. Audible warning signal. 2,204,705; June 18.
Scofield, Theodore J., and F. W. Hardick, assignors to The Sparks-Withington Company, Jackson, Mich. Warning signal. 2,203,420; June 4.
Scoggin, Elmer K., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Stoker control system. 2,192,859; Mar. 5.
Scoggin, Robert L., Ventura, Calif. Electric tester. 2,186,212; Jan. 9.
Scogland, Charles A., and P. H. Sanders, assignors to South Bend Bait Company, South Bend, Ind. Fishhook mounting. 2,198,043; Apr. 23.
Scoles, Wayne L. (See Heath, S. B., and Scoles.)
Sconyers, Walter T. (See Squires, Richard K., assignor.)
Scophony Limited. (See Jeffree, John H., assignor.)
Scott, Albert B., Douglaston, Long Island, N. Y., R. D. Hummel, B. F. Tullar, and J. Wainwright, assignors to Parke, Davis & Company, Detroit, Mich. 3-amino-4-hydroxy-phenylarsine oxide and making it. 2,221,817; Nov. 19.
Scott, Albert B., Douglaston, Long Island, N. Y., and O. M. Gruhzit and J. A. Sultzaberger, assignors to Parke, Davis & Company, Detroit, Mich. Therapeutic composition. 2,222,384; Nov. 19.
Scott, Alexander A., Knoxville, Tenn., assignor to Wheeling Stamping Company, Wheeling, W. Va. Molding machine. 2,226,326; Dec. 24.
Scott, Archie W., Geneva, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Golf club shaft. 2,220,852; Nov. 5.
Scott, Arnold W., Detroit, Mich. Brake mechanism. 2,214,679; Sept. 10.
Scott, Arthur P., Westminster, Md. Oil burner. 2,224,089; Dec. 3.
Scott, Ashton T. (See Brown, C. R., and Scott.)

Scott, Ashton T., Ardmore, Pa., and C. R. Brown, Champaign, Ill., assignors to The Sharples Corporation, Philadelphia, Pa. Manufacture of soap. 2,227,203; Dec. 31.
Scott, Benjamin B., Jr. (See von Elbe, G. J. K., and Scott.)
Scott, Bernard H., Glendale, assignor to A. Barstow, Alhambra, Calif. Deep well pump. 2,194,154; Mar. 19.
Scott & Bowne, Spółka Akcyjna, Towarzystwo Przemystowo-Handlowe dla Wyrobow Chemiczno-Farmaceutycznych. (See Grosberg, Stanislaw, assignor.)
Scott, Charles A. (See Stevenson, F., and Scott.)
Scott, Charles H. (See Hubbell, G. E., Scott, and Darby.)
Scott, Charles H., Westport, Conn., assignor to The Dorr Company, Inc., New York, N. Y. Classifier mechanism. 2,191,743; Feb. 27.
Scott, Charles H., Westport, Conn., assignor to The Dorr Company, Inc., New York, N. Y. Classifier mechanism. 2,191,744; Feb. 27.
Scott, Charles H., Queens Village, assignor to The Dorr Company, Inc., New York, N. Y. Signaling device. 2,215,378; Sept. 17.
Scott, Charles H., Westport, Conn., assignor to The Dorr Company, Inc., New York, N. Y. Annular thrust bearing. 2,220,027; Oct. 29.
Scott, Charles L., assignor to Allied Iron-founders Limited, London, England. Combined cooking and water-heating apparatus for domestic purposes. 2,194,155; Mar. 19.
Scott, Clarence W., Moss Point, Miss. Producing molding composition from lignin and formaldehyde. 2,201,797; May 21.
Scott, Cyril E., Canton, N. Y. Chair. 2,190,221; Feb. 13.
Scott, David C., Providence, R. I., assignor to Henry L. Scott Company. Testing machine. 2,205,579; June 25.
Scott, E. H. (See Clay, Murray G., assignor.)
Scott, Earnest H., assignor to Grace Hosiery Mills, Inc., Burlington, N. C. Knitting machine. 2,213,454; Sept. 3.
Scott, Ernest R., Oklahoma City, Okla. Sun visor. 2,207,227; July 9.
Scott, Eugene W., East Springfield, and R. H. Tull, Springfield, Mass., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Dual-voltage apparatus. 2,208,395; July 16.
Scott, Eugene W., East Springfield, and R. H. Tull, Springfield, Mass., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Dual-voltage apparatus. 2,208,396; July 16.
Scott & Fetzer Company, The. (See Pardee, Lloyd W., assignor.)
Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Cutter mounting. 2,192,697; Mar. 5.
Scott, Frederick S. (See Beckwith, L. B., Grebe, and Scott.)
Scott, George L., Compton, J. F. Shaw, Los Angeles, Calif., and W. B. Noble, assignors to Reed Roller Bit Company, Houston, Tex. Directional drilling apparatus. 2,227,233; Dec. 31.
Scott, George R., Detroit, Mich. Machining globoidal worm gears. 2,195,097; Mar. 26.
Scott, H. L. D., et al. (See Miles, Nay, assignor.)
Scott, Hallas K., assignor of one-half to T. K. Gantt, Collier City, Fla. Wrecking bar. 2,210,602; Aug. 6.
Scott, Harry A., assignor to H. A. Eggerss, Van Wert, Ohio. Clamping ring for containers. 2,208,859; July 23.
Scott, Hazel B., et al., administrators. (See Arbuckle, Samuel F.)
Scott, Hazel B., administratrix. (See Arbuckle, S. F., and Coulter.)
Scott, Henry L., Company. (See Scott, David C., assignor.)
Scott, Henry T., Toledo, Ohio, assignor to American Sealcone Corporation, New York, N. Y. Container and closing the same. 2,210,153; Aug. 6.
Scott, Howard. (See Lawrence, Victor J., assignor.)
Scott, Howard, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Casing for metallic vapor discharge devices. 2,217,421; Oct. 8.
Scott, Howard, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Glass-metal seal. 2,217,422; Oct. 8.
Scott, Howard, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Glass-to-metal seal. 2,217,423; Oct. 8.
Scott, J. W., Drilling Company. (See Myers, John C., assignor.)
Scott, James G., Washington, D. C. Refrigerator apparatus. 2,192,562; Mar. 5.
Scott, John L., Marion, Kans. Lawn mower. 2,194,617; Mar. 26.
Scott, Lawrence B., San Antonio, Tex. Repairing cracked metallic castings. 2,195,741; Apr. 2.
Scott, Leland O., Goldsboro, N. C. Tobacco seeding machine. 2,216,423; Oct. 1.
Scott, Louis A., Hot Springs, S. Dak. Electrical connection. 2,213,020; Aug. 27.
Scott, Maurice, Greensburg, assignor of one-half to Wm. M. Kahanowitz, Latrobe, Pa. Electric light fixture. 2,195,154; Mar. 26.
Scott Motors (Saltaire) Limited. (See Cull, William, assignor.)
Scott, Murray R., Rochester, and S. Sterling, Irondequoit, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Opthalmic lens. 2,214,385; Sept. 10.
Scott, Norman D., Sanborn, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of sodium monoxide. 2,202,270; May 28.
Scott, Norman D., Sanborn, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of glutaconic acid. 2,218,032; Oct. 15.
Scott, Norman D., Sanborn, and J. F. Walker, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dimer of 1,4-dihydronaphthalene. 2,194,450; Mar. 19.
Scott, Norman D., Sanborn, and J. F. Walker, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Oxidation of cyclic olefins. 2,223,500; Dec. 3.
Scott-Paine, Hubert, Hythe, Southampton, England. Cooling of propeller-shaft stern-tube bearings. 2,217,295; Oct. 8.
Scott Paper Company. (See Ebert, Burton E., assignor.)
Scott Paper Company. (See Parsons, Philip D., assignor.)
Scott, Paul C., Omaha, Nebr. Brush structure. 2,188,544; Jan. 30.
Scott, Philip C., Kempton, Ill. Clip for spectacle cases. 2,201,144; May 21.
Scott, Philip L., Chicago, Ill., assignor to Super Diesel Tractor Corporation, La Porte, Ind. Pump liner. 2,204,626; June 18.
Scott, Ray W., Detroit, Mich., assignor to Bendix Home Appliances, Inc., South Bend, Ind. Mixing device. 2,211,481; Aug. 13.
Scott, Ray W., Detroit, Mich., assignor to Bendix Home Appliances, Inc., South Bend, Ind. Mixing device. 2,214,147; Sept. 10.
Scott, Ray W., Detroit, Mich., assignor to Bendix Home Appliances, Inc., South Bend, Ind. Mixing device. 2,214,148; Sept. 10.
Scott, Ray W., assignor to Bendix Home Appliances, Inc., Detroit, Mich. Drive mechanism. 2,218,726; Oct. 22.
Scott, Ray W., and A. O. McCollum, assignors to Bendix Home Appliances, Inc., Detroit, Mich. Circuit controller. 2,187,795; Jan. 23.
Scott, Ray W., and A. O. McCollum, assignors to Bendix Home Appliances, Inc., Detroit, Mich. Transmission. 2,191,628; Feb. 27.
Scott, Ray W., and A. O. McCollum, assignors to Bendix Home Appliances, Inc., Detroit, Mich. Transmission. 2,191,629; Feb. 27.
Scott, Ray W., and A. O. McCollum, assignors to Bendix Home Appliances, Inc., Detroit, Mich. Circuit controller. 2,201,798; May 21.
Scott, Richard H., Enfield, assignor to Linotype and Machinery Limited, London, England. Typographical composing and distributing machine. 2,195,153; Mar. 26.
Scott, Richard H., Enfield, W. F. Gorse, and A. S. Hayward, Altrincham, assignors to Linotype and Machinery Limited, London, England. Typographical slug casting machine. 2,201,633; May 21.
Scott, Richard H., Enfield, and W. F. Gorse and A. S. Hayward, Altrincham, assignors to Linotype and Machinery Limited, London, England. Typographical composing machine. 2,207,027; July 9.
Scott, Richard H., Enfield, and W. F. Gorse and A. S. Hayward, Altrincham, assignors to Linotype and Machinery Limited, London, England. Typographical slug casting machine. 2,207,028; July 9.
Scott, Richard H., Enfield, and W. F. Gorse and A. S. Hayward, Altrincham, assignors to Linotype and Machinery Limited, London, England. Typographical slug casting machine. 2,207,029; July 9.
Scott, Richard H., Enfield, and W. F. Gorse and A. S. Hayward, Altrincham, assignors to Linotype and Machinery Limited, London, England. Typographical composing machine. 2,211,169; Aug. 13.
Scott, Richard H., Enfield, and W. F. Gorse and A. S. Hayward, Altrincham, England, assignors to Linotype and Machinery Limited, London, England. Typographical composing machine. 2,214,892; Sept. 17.
Scott, Robert D., (See Lindley, Charles V., assignor.)
Scott, Robert R., Martin, Tenn. Safety nondelay train order device. 2,226,981; Dec. 31.
Scott, Roger A., Kirklin, Ind., assignor to American Utensil Company. Case stacker. 2,212,702; Aug. 27.
Scott, Roger M., Providence, R. I., assignor to Blackstone Machinery Co., Fall River, Mass. Knitting machine. 2,218,493; Oct. 15.
Scott, Simon F. (See Rae, J. M., and Scott.)
Scott-Snell, Charles, Kingsbridge, Devon, assignor of one-half to M. L. Davys, London, England. Promoting combustion in oil burning appliances. 2,199,826; May 7.
Scott, Thomas R., and R. C. Mildner, London, England, assignors to International Standard Electric Corporation, New York, N. Y. High tension electric cable. 2,191,995; Feb. 27.
Scott, Thomas R., and J. K. Webb, Aldwych, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Terminating electric cables. 2,209,894; July 30.
Scott, Wade E., Millen, Ga. Rotary tooth brush. 2,185,229; Jan. 2.

Scott, Walter A., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Milking machine pulsator. 2,202,997; June 4.
Scott, Walter A., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Milking machine teat cup. 2,219,945; Oct. 29.
Scott, Walter C., Plainfield, N. J. Web replenishing mechanism and control system. 2,196,612; Apr. 9.
Scott, Walter C., Plainfield, N. J. Web replenishing means. 2,205,867; June 25.
Scott, Walter J., Woonsocket, R. I. Combination stop moton and belt shipper mechanism. 2,185,319; Jan. 2.
Scott, Walter J., Woonsocket, R. I. Belt shipper mechanism. 2,216,215; Oct. 1.
Scott, Walter J., Hinsdale, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Ceramic coated article. 2,211,170; Aug. 13.
Scott, Walter P., Juneau, Alaska. Mill discharge means. 2,198,463; Apr. 23.
Scott, William de R., et al. (See McCauley, John W.,
Scott, William H., Gettysburg, Pa. Lock. 2,215,162; Sept. 17.
Scott, William J., Rugby, England, assignor to General Electric Company. Electrode for electric discharge devices. 2,214,974; Sept. 17.
Scott, William J., and H. K. Bourne, Rugby, England, assignors to General Electric Company. Electric discharge lamp. 2,207,133; July 9.
Scott & Williams, Inc. (See Coleman, Robert H., assignor.)
Scott & Williams, Incorporated. (See Dickens, Howard G., assignor.)
Scott & Williams, Incorporated. (See Getaz, James L., assignor.)
Scott & Williams Incorporated. (See Grothey, Ivan W., assignor.)
Scott & Williams, Incorporated. (See Hill, Roscoe, assignor.)
Scott & Williams, Incorporated. (See Lawson, Robert H., assignor.)
Scott & Williams, Incorporated. (See Page, Albert E., assignor.)
Scott & Williams, Incorporated. (See Page, Albert E. and F. R., assignors.)
Scott & Williams, Incorporated. (See Page, A. E., and Swinglehurst, assignors.)
Scott & Williams, Incorporated. (See Peloquin, Edward, assignor.)
Scott & Williams, Incorporated. (See Sheppard, Harry N., assignor.)
Scott, Winfield, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,189,717; Feb. 6.
Scott, Winfield, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,205,070; June 18.
Scott, Winfield, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Accelerator of vulcanization. 2,208,333; July 16.
Scott, Winfield, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Age resistor. 2,211,629; Aug. 13.
Scottenfels, Monroe, New York, N. Y. Connector device. Re. 21,619; Nov. 5.
Scovill Manufacturing Company. (See Armstrong, Henry W., assignor.)
Scovill Manufacturing Company. (See Ayotte, Joseph F., assignor.)
Scovill Manufacturing Company. (See Bahney, L. W., and Horswell, assignors.)
Scovill Manufacturing Company. (See Barlow, William H., assignor.)
Scovill Manufacturing Company. (See Barry, Frederic M., assignor.)
Scovill Manufacturing Company. (See Duncan, James F., assignor.)
Scovill Manufacturing Company. (See Fenton, P. E., and Janes, assignors.)
Scovill Manufacturing Company. (See Hoffman, Allan C., assignor.)
Scovill Manufacturing Company. (See Michel, Philip, assignor.)
Scovill Manufacturing Company. (See Platt, John W., assignor.)
Scovill Manufacturing Company. (See Scholtes, Albert J., assignor.)
Scoville Manufacturing Company. (See Tobler, John H., assignor.)
Scovill Manufacturing Company. (See Tompkins, E. H., and Dowling, assignors.)
Scoville, Loren P. (See Kiersted, W., Jr., and Scoville.)
Scoville, Merritt E., Pittsfield, Mass., assignor to General Electric Company. Electric capacitor. 2,186,842; Jan. 9.
Scragg, George H., Cleveland, Ohio. Door operating means. 2,223,050; Nov. 26.
Scramlin, Jonas D., Detroit, Mich. Combination fishing spear and spud equipment. 2,194,618; Mar. 26.
Scranton Lace Company, The. (See Smith, Thomas, assignor.)
Screw Conveyor Corporation. (See Kozak, Joseph L., assignor.)
Screw Machine Products Company. (See Saaty, Theodore N., assignor.)
Screw Nail Corporation of America. (See Jensen, Karl J., assignor.)
Scriba, Ludwig, Berlin-Friedenau, Germany, assignor to Askania-Werke A. G. Combined air-speed indicator and rate-of-climb indicator. 2,217,564; Oct. 8.
Scribner, Kimball. (See Willing, M. S., Scribner, and Morders.)
Scribner, William L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Sliding bearing. 2,222,491; Nov. 19.
Scrimgeour, William, Engineer and Contractor. (See Scrimgeour, William, assignor.)
Scrimgeour, William, assignor to W. Scrimgeour, Engineer and Contractor, Washington, D. C. Manufacturing kitchen utensils. 2,187,757; Jan. 23.
Scriven, Guy F., Sioux Falls, S. Dak. Bedside table attachment. 2,216,789; Oct. 8.
Scroggie, Arthur G. (See Owens, J. K., and Scroggie.)
Scruggs, Joseph A., Pensacola, Fla. Producing high-grade rosin and turpentine. 2,202,028; May 28.
Scruggs, Loyd, University City, Mo. Switch for hand-operated electrical devices. 2,194,619; Mar. 26.
Scruggs, Loyd, University City, Mo. Electric razor. 2,201,349; May 21.
Scruggs, Loyd, University City, Mo. Electric razor. 2,201,350; May 21.
Scruton, Herbert A. (See Monro, R., Motsinger, Scruton, and Little.)
Sculati, John J. (See Britton, E. C., Dosser, and Sculati.)
Scull, Chester, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Punch for perforating sheet metal. 2,214,701; Sept. 10.
Scull, R. D. Russell, Festus, Mo. Cigarette paper holder. 2,202,322; May 28.
Scull, Raymon T., et al. (See Berstler, Carl E., assignor.)
Scully, Frank P., Cambridge, and A. E. Mathey, Auburndale, assignors to Scully Signal Co., East Cambridge, Mass. Audible signaling device for use with tanks. 2,212,620; Aug. 27.
Scully, Frank P., Cambridge, and A. E. Mathey, Auburndale, assignors to Scully Signal Co., East Cambridge, Mass. Audible signaling device for use with tanks. 2,227,322; Dec. 31.
Scully, Frank P., Cambridge, and A. E. Mathey, Auburndale, assignors to Scully Signal Co., East Cambridge, Mass. Vent and liquid level indicating means for use with tanks. 2,227,323; Dec. 31.
Scully-Jones & Company. (See Rosenberg, Benjamin F., assignor.)
Scully Signal Co. (See Scully, F. P., and Mathey, assignors.)
Scurlock, Lewis H., assignor of one-half to N. H. McCleary and E. P. Russell, Chicago, Ill. Separator and extractor. 2,212,328; Aug. 20.
Seabo, Jacob, and L. J. Snyder, Hastings-on-Hudson, N. Y. Skid chain link. 2,197,881; Apr. 23.
Seaboard Commercial Corporation. (See Humphreys, Marion W., assignor.)
Seaboard Commercial Corporation. (See Samuels, Abe O., assignor.)
Seaboard Container Corporation. (See Apgar, C. W., and Rosenfeld, assignors.)
Seaboard Oil Company of Delaware, et al. (See Vaughan, William H., assignor.)
Seagram, Joseph E., & Sons Limited. (See Cleland, William B., assignor.)
Seagren, Martin J., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Material working apparatus. 2,189,086; Feb. 6.
Seaholm, John P., Moline, Ill., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Disk harrow. 2,226,586; Dec. 31.
Seaholm, John P., Moline, Ill., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Disk harrow. 2,226,587; Dec. 31.
Seaholm, Paul C., Moline, Ill., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Damming attachment. 2,226,585; Dec. 31.
Seal, Ivan C., assignor of one-third to J. L. Lawlor, and one-third to J. B. Duffy, both of Oelwein, Iowa. Expanding cutter. 2,214,484; Sept. 10.
Sealed Power Corporation. (See Ballard, J. H., and Spencer, assignors.)
Sealed Power Corporation. (See Malpas, Ellis G., assignor.)
Sealey, David A., East Orange, N. J. Range finder. 2,189,964; Feb. 13.
Sealol Company. (See Stevenson, Robert, assignor.)
Seaman, Bernard J., Albuquerque, N. Mex. Locking device for the securing lugs or bolts of vehicle wheels. 2,225,132; Dec. 17.
Seaman, David J., assignor to Curvilinear Doors & Windows, Inc., Battle Creek, Mich. Doorway construction. 2,208,198; July 16.
Seaman, Ellsworth F., Washington, D. C. Noncarbonizing arc resistant material. 2,188,317; Jan. 30.
Seaman, Ellsworth F., Washington, D. C., and J. B. Lunsford, East Falls Church, Va. Bowling pin. 2,202,674; May 28.
Seaman, Harry J., Milwaukee, Wis. Soil tiller. 2,214,702; Sept. 10.
Seaman, Harry J., Milwaukee, Wis. Rotary soil tiller. 2,221,221; Nov. 12.

Seaman, Joseph W., Upper Darby, Pa., assignor to General Electric Company. Electric switch. 2,227,160; Dec. 31.
Seaman, Richard H., Los Angeles, and C. A. Schwenden, Alhambra, assignors, by mesne assignments, to Neon Animations, Inc., Los Angeles, Calif. Mobile pattern glow discharge device. 2,214,441; Sept. 10.
Seamark, Lewis M. C., Petersfield, England. Casing head equipment for bore holes or wells. 2,192,805; Mar. 5.
Seamless Rubber Company, The. (See Madsen, Paul S., assignor.)
Searcy, Lynn D., St. Clair Shores, Mich. Heater for closed vehicles. 2,190,804; Feb. 20.
Searing, Frederick D. W., Newark, N. J. Stabilizing platform. 2,195,428; Apr. 2.
Searle, Dudley F., Oakland, Calif. Remote controlled vacuum brake valve. 2,204,706; June 18.
Searle, G. D., & Co. (See Burtner, Robert R., assignor.)
Searle, Norman E., and W. H. Tisdale, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Pest control. 2,218,181; Oct. 15.
Searles, Raymond R., assignor to The Fafnir Bearing Company, New Britain, Conn. Making bearings. 2,210,132; Aug. 6.
Searles, Raymond R., and J. W. Smith, assignors to The Fafnir Bearing Company, New Britain, Conn. Bearing device. 2,211,295; Aug. 13.
Sears, Roebuck and Co. (See Biu, Marshall A., assignor.)
Sears, Roebuck & Co. (See Booty, Kelvin H., assignor.)
Sears, Roebuck and Co., et al. (See Callaghan, A. J., and McCarthy, assignors.)
Sears, Roebuck and Co. (See Campbell, Jackson L., assignor.)
Sears, Roebuck and Co. (See Del Principe, Emil N., assignor.)
Sears, Roebuck and Co. (See Dempsey, Lawrence E., assignor.)
Sears, Roebuck and Co. (See Feeney, John D., assignor.)
Sears, Roebuck and Co. (See Hein, Robert O., assignor.)
Sears, Roebuck and Co. (See Houck, M. B., and Harris, assignors.)
Sears, Roebuck and Co. (See Ives, Clifford E., assignor.)
Sears, Roebuck and Co. (See Sims, Clark D., assignor.)
Sears, Roebuck and Co. (See Snow, Adolph J., assignor.)
Sears, Roebuck and Co. (See Wexler, Monroe L., assignor.)
Sears, Roebuck and Co. (See Williams, O., and Ward, assignors.)
Sears, Roebuck & Co. (See Zink, W. L., and Hauswirth, assignors.)
Sears, Russell N., assignor to Brockway Motor Company, Inc., Cortland, N. Y. Automotive vehicle seat. 2,221,268; Nov. 12.
Sears, Sterling G., Garden City, assignor to Dictograph Products Company, Inc., New York, N. Y. Microphone amplifier. 2,212,848; Aug. 27.
Seary, Eugene G., Binghamton, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Subtractive process for color photography. 2,196,036; Apr. 2.
Sease, Virgil B., Hillcrest, Highland Park, N. J., assignor to Du Pont Film Manufacturing Corporation, New York, N. Y. Tripack. 2,189,837; Feb. 13.
Sease, Virgil B., New Brunswick, N. J., assignor to Du Pont Film Manufacturing Corporation, New York, N. Y. Forming color screens. 2,206,054; July 2.
Sease, Virgil B., New Brunswick, and J. R. Weber, South River, N. J., assignors to du Pont Film Mfg. Company, New York, N. Y. Multicolor film and process. 2,191,502; Feb. 27.
Sease, Virgil B., New Brunswick, and D. R. White, South River, N. J., assignors to Du Pont Film Manufacturing Corporation, New York, N. Y. Color photography. 2,224,163; Dec. 10.
Sease, Will S., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Apparatus for determining horizon productivity of wells. 2,202,404; May 28.
Season-Aire Corporation of America. (See Wasmund, Edward, assignor.)
Seaton, Herbert C. (See Garland, I. W., Hull, and Seaton.)
Seaton, John H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Coated paper. 2,222,956; Nov. 26.
Seaton, Max Y., Greenwich, Conn., assignor, by mesne assignments, to Westvaco Chlorine Products Corporation, New York, N. Y. Method of and apparatus for drying. 2,193,569; Mar. 12.
Seaton, Max Y., Greenwich, Conn., assignor to Westvaco Chlorine Products Corporation, New York, N. Y. Drying fluids. 2,193,570; Mar. 12.
Seaton, Max Y., Greenwich, Conn., assignor to Westvaco Chlorine Products Corporation, New York, N. Y. Granular adsorbent and manufacture thereof. 2,219,725; Oct. 29.
Seaton, Max Y., Greenwich, Conn., assignor to Westvaco Chlorine Products Corporation, New York, N. Y. Activated magnesia and method of making. 2,219,726; Oct. 29.
Seaton, Max Y., Greenwich, Conn., assignor to Westvaco Chlorine Products Corporation, New York, N. Y. Degreasing. 2,220,124; Nov. 5.
Seaton, Max Y., Greenwich, Conn., assignor to Westvaco Chlorine Products Corporation, New York, N. Y. Degreasing. 2,220,125; Nov. 5.
Seaton, Max Y., Greenwich, Conn., and H. H. Hartzell, San Leandro, Calif., assignors to Westvaco Chlorine Products Corporation, New York, N. Y. Refractory and method of making. 2,218,485; Oct. 15.
Seattle Tent & Awning Co. (See MacGeorge, Thomas H., assignor.)
Seaver, Earl J. (See King, C. H., and Seaver.)
Seaver, Elliot O., Meadville, Pa., assignor to Talon, Inc. Apparatus for making separable fasteners. 2,207,600; July 9.
Sebade, George H., Deer River, Minn. Power mowing machine. 2,216,790; Oct. 8.
Sebell, Harry, Boston, Mass., assignor, by mesne assignments, to Crown Can Company, Philadelphia, Pa. Can and making the same. 2,197,439; Apr. 16.
Sebell, Harry, Boston, Mass., assignor, by mesne assignments, to Crown Can Company, Philadelphia, Pa. Can. 2,199,527; May 7.
Sebell, Harry, Boston, Mass., assignor, by mesne assignments, to Crown Can Company, Philadelphia, Pa. Making container closures. 2,199,528; May 7.
Sebell, Harry, Boston, Mass., assignor, by mesne assignments, to Crown Can Company, Philadelphia, Pa. Electric welding machine. 2,209,286; July 23.
Sebesi, John E., Phoenixville, Pa. Motor vehicle identification plate. 2,194,725; Mar. 26.
Sebo, Julius K., New York, N. Y. Portable steam generator. 2,220,353; Nov. 5.
Sebrean, Frank W., and M. A. Jardine, Seattle, Wash. Antifriction fishing rod tip. 2,199,861; May 7.
Sebrell, Lorin B., Silver Lake, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Preparation of copolymers of butadiene and vinylidene chloride. 2,215,379; Sept. 17.
"Sebrev" Société d'Etudes et de Brevets. (See Courcoulas, Emmanuel, assignor.)
Sebring, Floyd, Brookings, S. Dak. Bottle holder. 2,215,411; Sept. 17.
Sechrest, Elwood C., High Point, N. C. Telephone table. 2,222,158; Nov. 19.
Seckendorf, Richard P., West Somerville, and W. H. Perry, West Newton, Mass., and H. P. Beckett, Philadelphia, Pa., assignors to Dictaphone Corporation, New York, N. Y. Carton. 2,225,322; Dec. 17.
Seco-Lowell Shops. (See Jones, Robert M., assignor.)
Seco Toys, Inc. (See Morrison, John, assignor.)
Second National Bank of Washington, The. (See Crook, Louis H., assignor.)
Secretary of Agriculture and his successors in office, Henry A. Wallace as. (See Billman, L. M., and De Groot, assignors.)
Secretary of Agriculture of the United States of America, Henry Wallace, and his successors in office. (See Brother, G. H., and Smith, assignors.)
Secretary of Agriculture of the United States of America, Henry A. Wallace, and his successors in office. (See Christie, Alfred, assignor.)
Secretary of Agriculture of the United States of America, Henry A. Wallace, and his successors in office. (See Claborn, H. V., and Smith, assignors.)
Secretary of Agriculture of the United States of America, Henry A. Wallace, and his successors in office. (See King, J. E., and Elliott, assignors.)
Secretary of Agriculture of the United States of America, Henry A. Wallace, and his successors in office. (See Schechter, M. S., and Haller, assignors.)
Secretary of Agriculture of the United States of America, Henry A. Wallace. (See Sherrard, E. C., Beglinger, Hohf, and Bateman.)
Secretary of Agriculture of the United States of America, Henry A. Wallace, and to his successors in office. (See Sherrard, E. C., Harris, and Saeman, assignors.)
Secretary of War and his successors in office, Government of the United States of America, as represented by the. (See Schultze, Fred, assignor.)
Security Engineering Co. (See Hammer, Otto, assignor.)
Security Engineering Co. (See Swart, Kenneth H., assignor.)
Security Engineering Co. Inc. (See Hall, E. B., and Armentrout, assignors.)
Sedgfield, Hugh B. (See Binney, E. A., Pound-Corner, and Sedgfield.)
Sedgwick, Harry A., Shorewood, and A. Johnson, Wauwatosa, Wis. Making die sets. 2,222,860; Nov. 26.
Sedlmair, Josef, Munich, Germany, assignor to A. Rosenberger, Paris, France. Means for drawing in loose loops of thread in superposed layers of fabric. 2,203,031; June 4.
Sedlon, Vincent J. (See Dekome, Arthur E., and H. C., and Sedlon.)
Sedwick, Leonard G. T. (See Moldawsky, Joseph, assignor.)
Seebach, Fritz. (See Elbel, E., and Seebach.)
Seebach, Fritz, Erkner, near Berlin, Germany, assignor to Bakelite Corporation, New York, N. Y. Bonded article. 2,193,941; Mar. 19.

Seebach, Fritz, Erkner, near Berlin, Germany, assignor, by mesne assignments, to Union Carbide and Carbon Corporation, New York, N. Y. Preparing resinous compositions. 2,215,596; Sept. 24.
Seeberger, Fred B., Yeadon, assignor of one-half to I. C. Shakop, Philadelphia, Pa. Cleaning device. 2,209,544; July 30.
Seeburg, J. P., Corporation. (See Roberts, Henry T., assignor.)
Seeburg, Justus P. (See Wilcox, Russell I., assignor.)
Seeburg, Noel M. (See Woodruff, W. N., and Seeburg.)
Seeburg Radio Corporation. (See Jarvis, Kenneth W., assignor.)
Seeburg Radio Corporation. (See Roberts, Henry T., assignor.)
Seederer-Kohlbusch, Inc. (See Gattoni, John, assignor.)
Seeger, Adolph M., Toledo, Ohio, and E. W. Baird, Jr., Philadelphia, Pa., said Seeger assignor to said Baird, Jr. Wire clamp. 2,226,393; Dec. 24.
Seeger, Edwin W., Wauwatosa, Wis., and G. C. Brown, deceased, late of Wauwatosa, Wis., by Jean F. Brown, administratrix, Wauwatosa, Wis., assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Phase failure and overload protective system. 2,202,998; June 4.
Seeger Refrigerator Company. (See Seeger, Walter G., assignor.)
Seeger Refrigerator Company. (See Stifter, L., and Swedman, assignors.)
Seeger Refrigerator Company. (See Swedman, Enoch, assignor.)
Seeger, Walter G., assignor to Seeger Refrigerator Company, St. Paul, Minn. Refrigerator. 2,187,916; Jan. 23.
Seel, Jack L., and C. M. Mueller, assignors to Brown & Bigelow, St. Paul, Minn. Printing press washing device. 2,199,469; May 7.
Seel, Max, Lansdowne, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Vestibule connection for railway cars. 2,217,599; Oct. 8.
Seel, Max, Lansdowne, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Metallic car diaphragm. 2,217,600; Oct. 8.
Seel, Max, Lansdowne, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Flexible car diaphragm. 2,217,601; Oct. 8.
Seelen, Harry R. (See McLaughlin, K. M., and Seelen.)
Seelenbinder, Robert F., assignor to International Steel Wool Corporation, Springfield, Ohio. Metallic wool pad and binding therefor. 2,192,590; Mar. 5.
Seeley, Byron L., Berkeley, Calif. License plate holder. 2,192,561; Mar. 5.
Seeley, Clarence H., and M. H. Arveson, assignors to Standard Oil Company, Chicago, Ill. Preparation of sulphur-containing Diesel fuel ignition agents. 2,205,126; June 18.
Seeley, Eldridge E., Fairfield, Conn. Buffing compound. 2,200,726; May 14.
Seeley, Frank H., Loughborough, Leicestershire, assignor to Bryce Limited, Kelvin Works, Hackbridge, Surrey, England. Centrifugal governor. 2,213,824; Sept. 3.
Seeley, George A. (See Johnson, F. V., Robson, and Seeley.)
Seeley, George A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,193,887; Mar. 19.
Seeley, George A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for extruding metal sheath or pipe. 2,206,977; July 9.
Seeley, Harold T., Lansdowne, Pa., assignor to General Electric Company. Method and apparatus for controlling synchronous machines. 2,207,556; July 9.
Seeley, Lauren E., New Haven, Conn. Heating device. 2,220,584; Nov. 5.
Seeley, Stuart W., Bayside, Long Island, N. Y., assignor to Radio Corporation of America. Electrical circuits. 2,197,024; Apr. 16.
Seeley, Stuart W., Bayside, Long Island, N. Y., assignor to Radio Corporation of America. Television system. 2,220,977; Nov. 12.
Seeley, William H., Toronto, Ontario, Canada. Card filing device. 2,185,869; Jan. 2.
Seeley, William H., Toronto, Ontario, Canada. Brake mechanism. 2,213,825; Sept. 3.
Seelinger, Horace D. (See Blackmore, L., and Seelinger.)
Seelinger, Horace D., assignor to General Motors Corporation, Detroit, Mich. Electrical coincidental locking system. 2,212,251; Aug. 20.
Seely, Thomas H., Melrose, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe sole pounding machine. 2,222,785; Nov. 26.
Seelye, Howard P., Birmingham, Mich. Insulator. 2,224,361; Dec. 10.
Seem, J. B., et al. (See Brandenburg, Harry J., assignor.)
Seethaler, Karl, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge device control system. 2,205,221; June 18.
Seffert, Heinz. (See Ledig, W., Trebbin, and Seffert.)
Seft, Rudolph R., Brackenridge, Pa. Sheet stacking and transfer mechanism. 2,208,433; July 16.
Sefton Fibre Can Company. (See Engle, H. J., Gaedig, Henneberry, and Uhles, assignors.)
Segal, Hyman R., New York, N. Y. Razor. 2,191,324; Feb. 20.
Segal, Irving, New York, N. Y. Extension table. 2,227,234; Dec. 31.
Segal, Louis. (See Hines, J., and Segal.)
Segal, May, Brooklyn, N. Y. Combination comb and brush. 2,194,484; Mar. 26.
Segal, Samuel, Brooklyn, N. Y. Endless drive belt. 2,192,936; Mar. 12.
Segal, Samuel, Brooklyn, N. Y. Slide fastener. 2,204,627; June 18.
Segal, Samuel, Brooklyn, N. Y. Cylinder lock. 2,213,262; Sept. 3.
Segal, Samuel, Brooklyn, N. Y. Window lock. 2,219,338; Oct. 29.
Segal, Samuel, Brooklyn, N. Y. Lock. 2,225,663; Dec. 24.
Segebrecht, Ervin W. (See Ralston, A. W., Vander Wal, and Segebrecht.)
Segel, Louis H. (See Gallo, John W., assignor.)
Seger, Francis M. (See Badertscher, D. E., Berger, and Seger.)
Seger, Francis M. (See Badertscher, D. E., Seger, and James.)
Segerstrom, Walter. (See Handley, E. W., and Segerstrom.)
Segessemann, Ernest. (See Davis, L. W., and Segessemann.)
Segessemann, Ernest, Newark, assignor to National Oil Products Company, Harrison, N. J. Treating tall oil. 2,199,653; May 7.
Segre, Emilio. (See Fermi, E., Amaldi, Pontecorvo, Rasetti, and Segre.)
Seguin, John P. (See McClure, R. R., and Seguin.)
Séguin, Maurice, Kirkland Lake, Ontario, Canada. Lipstick holder and sharpener. 2,209,849; July 30.
Seguin, Ted W., Homewood, assignor of sixty per cent to W. C. Mayland, Chicago, Ill. Toothbrush. 2,219,753; Oct. 29.
Seguy, Jean D., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,210,265; Aug. 6.
Seib, Alois. (See Bösel, R., and Seib.)
Seiberling Rubber Company. (See Schrank, Harry P., assignor.)
Seibert, Ernest H., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigerator shelf. 2,195,263; Mar. 26.
Seibert, Nelson, J., Wilkinsburg, and H. Chrisman, Edgewood, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Rotary type fluid meter. 2,202,122; May 28.
Seibold, Ernst. (See Friedrich, K., and Seibold.)
Seibold, Ernst, Heidenheim-on-the-Brenz, Germany, assignor to American Voith Contact Company, Inc., New York, N. Y. Hydraulic power transmission mechanism. 2,213,349; Sept. 3.
Seid, Herman, New York, N. Y., assignor to Auditorium Conditioning Corporation, Jersey City, N. J. Air conditioning apparatus. 2,213,350; Sept. 3.
Seidel, Charles, Milwaukee, Wis. Floral pick equipped with water container. 2,218,157; Oct. 15.
Seidel, Clara, Rochester, N. Y. Detachable fastening means for garments. 2,208,434; July 16.
Seidel, Max. (See Scholler, H., and Seidel.)
Seidel, Max, Solln, near Munich, Germany. Apparatus for and method of transferring heat of hot sugar worts. 2,197,059; Apr. 16.
Seidel, Willy, Berlin, assignor to Telefon-Apparat Fabrik E. Zwietusch and Company, Charlottenburg, Berlin, Germany. Pay station telephone. 2,224,702; Dec. 10.
Seidler, Rudolf, Heidelberg, and W. Pannwitz, Merseburg, Germany, assignors, by mesne assignments, to Jasco, Incorporated. Polymerization of butadienes. 2,211,032; Aug. 13.
Seidner, Wallace W., Toledo, Ohio. Platform ladder. 2,207,445; July 9.
Seifer, Daniel M., assignor to Diamond Wire & Cable Co., Chicago Heights, Ill. Strain relief for conductors. 2,223,153; Nov. 26.
Seiffert, Bernhard. (See Pfleiderer, F., and Seiffert.)
Seiffert, Otto E., Union, assignor to Steril-Icer Corporation of America, Newark, N. J. Freezer. 2,226,264; Dec. 24.
Seifried, Theodore, Nashville, Tenn. Mechanically operated tooth brush. 2,189,408; Feb. 6.
Seigle, Maurice. (See Seigle, William and M.)
Seigle, William, Hinton, Okla. Arch support. 2,207,165; July 9.
Seigle, William and M., Hinton, Okla. Intermittently flashing illuminated fishing lure. 2,217,565; Oct. 8.
Seigle, William R., Mamaroneck, H. J. O'Brien, Plainfield, and G. S. Smith, Boundbrook, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Operating mineral wool furnace. 2,215,887; Sept. 24.
Seignol, Edouard, and P. Revel, Paris, France, assignors to Societe Auxiliaire pour le Developpement D'Industries Mecaniques (S. A. D. I. M.) Registering device. 2,198,063; Apr. 23.
Seil, Gilbert E., Cynwyd, assignor to E. J. Lavino and Company, Philadelphia, Pa. Making corrected magnesia refractories. 2,206,131; July 2.

Seil, Gilbert E., Cynwyd, assignor to E. J. Lavino and Company, Philadelphia, Pa. Preparation of refractory material. 2,207,072; July 9.
Seil, Gilbert E., Cynwyd, assignor to E. J. Lavino and Company, Philadelphia, Pa. High melting point silicate refractory. 2,207,557; July 9.
Seil, Gilbert E., Cynwyd, assignor to E. J. Lavino and Company, Philadelphia, Pa. Gas purifying material free from hydrogen sulphide generating organisms. 2,213,615; Sept. 3.
Seil, Gilbert E., Cynwyd, assignor to E. J. Lavino and Company, Philadelphia, Pa. Making chromite refractory materials. 2,214,353; Sept. 10.
Seim, Karl F., Dresden, assignor of one-half to T. Lowenberg, Berlin, Germany. Production of looped textile threads and yarns. 2,213,720; Sept. 3.
Seinfed, Leon, and S. Weiss, assignors of one-third to M. Naphtai, one-third to F. Eisen, and one-third to said S. Weiss, Brooklyn, N. Y. Vehicle safety device. 2,216,575; Oct. 1.
Seip, Herbert F., Waltham, Mass. Tire changing stand. 2,213,535; Sept. 3.
Seippel, Claude, Ennetbaden, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Gas turbine plant. 2,193,114; Mar. 12.
Seiser, Hugo J., Milwaukee, Wis. Toy. 2,193,700; Mar. 12.
Seiss, August J., Toledo, Ohio. Bicycle lamp. 2,204,707; June 18.
Seitz, John H., Woodhaven, assignor of one-half to J. Fuhringer, Lake Ronkonkoma, N. Y. Vaporizing device. 2,186,152; Jan. 9.
Sekella, Youston, Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Starter control for internal combustion engines. 2,197,715; Apr. 16.
Sekella, Youston, Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,199,349; Apr. 30.
Sekella, Youston, Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Gear changing mechanism. 2,201,304; May 21.
Sekella, Youston, Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,213,934; Sept. 3.
Sekella, Youston, Elmira, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Engine starter drive. 2,224,525; Dec. 10.
Sekretarski, Bruno, Milwaukee, Wis. Junior bowling game. 2,207,206; July 9.
Sekulski, Lee E., assignor to Mathews Conveyer Company, Ellwood City, Pa. Roller conveyer. 2,216,504; Oct. 1.
Sekyra, Raymond C., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Motor brush assemblage. 2,194,620; Mar. 26.
Selander, Gustaf S., New Britain, Conn. Die opening gauge. 2,208,476; July 16.
Selander, Walter C., Chicago, Ill. Electric ignition device. 2,210,266; Aug. 6.
Selas Company, The. (See Gorman, Earl F., assignor.)
Selas Company, The. (See Hess, Frederic O., assignor.)
Selby, Charles M., assignor to Holland Furnace Company, Holland, Mich. Furnace control. 2,225,184; Dec. 17.
Selby, George P., South San Francisco, Calif. Brick formation. 2,206,205; July 2.
Selby, Lynn O., Hartford, Conn., assignor to The Sparmal Engineering Corporation. Brooder installation. 2,224,842; Dec. 10.
Seldon, George E., Detroit, Mich. Dual pressure control for refrigeration systems. 2,214,236; Sept. 10.
Selectivend Corporation, The. (See Parker, Clyde M., assignor.)
Self, Clarence L., Minneapolis, assignor to V. B. McGuire Manufacturing Company, Northfield, Minn. Type form clamp. 2,194,812; Mar. 26.
Self, Grafton H., assignor of one-half to A. J. Bockwitz, Twin Falls, Idaho. Tractor driven bean harvester. 2,188,614; Jan. 30.
Self, Jesse A., assignor of sixty per cent to D. S. Sherrod, High Point, N. C. Shaping machine for garments. 2,226,143; Dec. 24.
Self-Locking Carton Co. (See Grant, Jesse R., assignor.)
Self-Locking Carton Co. (See Walsh, John E., assignor.)
Self, Randall W., Houston, Tex. Separating tank. 2,211,171; Aug. 13.
Selhourst, Bernard, Coldwater, Ohio. Combination farm implement. 2,209,478; July 30.
Selicovitz, Abe. (See Andrews, Frank E., assignor.)
Selig, Alex. (See Fischer, Stefan, assignor.)
Selig, Ernest T., Jr., Pittsburgh, Pa. Stoker control system. 2,218,895; Oct. 22.
Selig, George A. (See Taylor, Lloyd M., assignor.)
Seliger, Hellmuth. (See Suchy, R., and Seliger.)
Seligman, Richard, assignor to The Aluminium Plant & Vessel Company Limited, Point Pleasant, Wandsworth, London, England. Liquid treating apparatus of the built-up type. 2,191,044; Feb. 20.
Seligman, Richard, assignor to The Aluminum Plant & Vessel Company Limited, Point Pleasant, Wandsworth, London, England. Apparatus for pasteurizing liquids. 2,201,056; May 14.
Seligman, Richard, and H. F. Goodman, assignors to The Aluminum Plant & Vessel Company Limited, Point Pleasant, Wandsworth, London, England. Filter press. 2,186,501; Jan. 9.
Seligman, Richard, and H. F. Goodman, Point Pleasant, Wandsworth, London, assignors to The Aluminium Plant and Vessel Company Limited, Wandsworth, England. Plate-type heat exchanger. 2,217,567; Oct. 8.
Seligman, Richard, and H. F. Goodman, Point Pleasant, Wandsworth, assignors to The Aluminum Plant & Vessel Company Limited, London, England. Flow retarder. 2,219,637; Oct. 29.
Seligman, Roger A. L., Neuilly, Seine, France. Aircraft engine. 2,196,340; Apr. 9.
Seligmann, Johannes, Kiel, assignor to Anschütz & Co. G. m. b. H., Kiel-Neumuhlen, Germany. Gyroscopic instrument. 2,199,294; Apr. 30.
Seligstein, Milton B. (See Carson, Clarence A., assignor.)
Sell, Helmut, Neubabelsberg, near Potsdam, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Recording instrument for electrical measurements. 2,207,829; July 16.
Sellei, Josef, Budapest, Hungary, assignor to Big Mc's Photosensin Mfg. Inc., Yuma, Ariz. Influencing the growth of plants. 2,190,890; Feb. 20.
Sellers, Max K., Cornish, N. H. Control for preventing skidding of automobiles. 2,216,138; Oct. 1.
Sellinger, Carl, and E. Forster, Newark, N. J. Combination jack and automobile theft prevention device. 2,190,489; Feb. 13.
Sells, Kenneth A., Kansas City, Kans. Missile. 2,201,246; May 21.
Selmer, H. & A., Inc. (See Brand, Erick, assignor.)
Selmer, H. & A., Inc. (See Bundy, G. M., and Brand, assignors.)
Selmer, H. & A., Inc. (See Sander, Eugene, assignor.)
Selmer, H., & Cie. (See Selmer, Maurice, assignor.)
Selmer, Maurice, Paris, France, assignor to H. Selmer & Cie, Paris, France. Octave vent for musical wind instruments. 2,226,536; Dec. 31.
Selquist, Rolf, McKeesport, assignor to Copperweld Steel Company, Glassport, Pa. Line conductor reinforcement and tie. 2,202,538; May 28.
Seltenreich, Bud S., and W. F. Bunsen, Mission Beach, Calif. Aircraft ski board supporting apparatus. 2,223,834; Dec. 3.
Seltzer, George J. (See Barry, D. P., and Seltzer.)
Selva, Luigi R., New York, N. Y. Manufacture of covers for books or the like. 2,217,773; Oct. 15.
Selvig, John N. (See Little, J. S., and Selvig.)
Sem, Mathias O., assignor to Det norske Aktieselskab for Elektrokemisk Industri, Oslo, Norway. Electrode with slide contacts. 2,193,434; Mar. 12.
Sem, Mathias O., assignor to Det norske Aktieselskab for Elektrokemisk Industri, Oslo, Norway. Supply of current to electric furnaces. 2,226,747; Dec. 31.
Semagraph Company. (See Green, Buford L., assignor.)
Semar, Harold W., Springfield, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Apparatus for determining stresses in piping arrangements. 2,207,270; July 9.
Sembdner, Gustav, Berlin-Tempelhof, Germany. Wear-resistant plating. 2,190,125; Feb. 13.
Sembdner, Gustav, Berlin–Tempelhof, Germany. Machine for applying wear-resistant plating. 2,190,611; Feb. 13.
Semenyna, Wladimir, Boston, Mass. Electric molding. 2,190,196; Feb. 13.
Semet-Solvay Company. (See Imes, Harold E., assignor.)
Semet-Solvay Engineering Corporation. (See McIntire, C. V., and Tiddy, assignors.)
Semet-Solvay Engineering Corporation. (See Pearson, Harry B., Jr., assignor.)
Semon, Albert L. (See Semon, Charles F. and A. L.)
Semon, Charles F. and A. L., East Orange, N. J. Thermostatic liquid flow control device. 2,194,771; Mar. 26.
Semon, Charles F. and A. L., East Orange, N. J. Fluid pressure regulating device. 2,215,597; Sept. 24.
Semon, Russell D., Medford, Oreg. Rotary transmission or brake. 2,213,616; Sept. 3.
Semon, Russell D., Medford, Oreg. Rotary transmission or brake. 2,213,617; Sept. 3.
Semon, Waldo L. (See Wellman, V. E., and Semon.)
Semon, Waldo L., Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparing polyvinyl halide products. 2,188,396; Jan. 30.
Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber vulcanization. 2,188,420; Jan. 30.
Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidant. 2,193,650; Mar. 12.
Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Accelerator of vulcanization. 2,193,651; Mar. 12.
Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Accelerator of vulcanization. 2,193,652; Mar. 12.
Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Accelerator of vulcanization. 2,193,653; Mar. 12.
Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Accelerator of vulcanization. 2,193,654; Mar. 12.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Accelerator of vulcanization. 2,193,655; Mar. 12.
Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Accelerator of vulcanization. 2,193,656; Mar. 12.
Semon, Waldo L., Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Continuous reactor. 2,204,156; June 11.
Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Catalyst and producing the same. 2,204,157; June 11.
Semon, Waldo L., Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidant. 2,206,433; July 2.
Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Age resistor. 2,218,661; Oct. 22.
Semons, Miriam M., Kew Gardens, N. Y. Brassière-top sleeping garment. 2,211,549; Aug. 13.
Semonsen, Otto C., Bellerose, N. Y. Tobacco pipe. 2,209,794; July 30.
Semple, Montague H., St. Albans, N. Y. Wall sign. 2,194,172; Mar. 19.
Senauke, Alexander, New York, assignor to AmpereX Electronic Products, Inc., Brooklyn, N. Y. Multiple wave oscillator with self-adjusting grid excitation. 2,186,434; Jan. 9.
Senauke, Alexander, New York, assignor to Ampere X Electronic Products, Inc., Brooklyn, N. Y. Vacuum tube. 2,206,649; July 2.
Sendzimir, Tadeusz, Paris, France, assignor to The American Rolling Mill Company, Middletown, Ohio. Compensating for roll deflection. 2,187,250; Jan. 16.
Sendzimir, Tadeusz, Katowice, Poland, assignor to The American Rolling Mill Company, Middletown, Ohio. Tension rolling means. 2,189,329; Feb. 6.
Sendzimir, Tadeusz, Paris, France, assignor to The American Rolling Mill Company, Middletown, Ohio. Structural material. 2,190,490; Feb. 13.
Sendzimir, Tadeusz, Paris, France. Production of high grade sheet and strip steel from nonrefined molten steel. 2,191,355; Feb. 20.
Sendzimir, Tadeusz, Katowice, Poland, assignor to The American Rolling Mill Company, Middletown, Ohio. Tension rolling method and apparatus therefor. 2,194,212; Mar. 19.
Sendzimir, Tadeusz, Paris, France, assignor to The American Rolling Mill Company, Middletown, Ohio. Galvanizing sheet metal. 2,197,622; Apr. 16.
Sendzimir, Tadeusz, Paris, France, assignor to The American Rolling Mill Company, Middletown, Ohio. Multicellular expanded material and manufacturing same. 2,212,481; Aug. 20.
Sendzimir, Tadeusz, Paris, France. Apparatus for continuous heat treatment and metal coating of metallic objects. 2,224,410; Dec. 10.
Seneca Textile Corporation. (See Egger, Luis G., assignor.)
Senecal, Ephraim A., St. Albans, assignor of twenty-five per cent to F. D. Twigg, Rutland, Vt.; M. H. Alexander, administrator of said E. A. Senecal, deceased. Viewing attachment for microscopes. 2,185,926; Jan. 2.
Seng Company, The. (See Fox, Martin, assignor.)
Seng, Leroy E., South Euclid, Ohio. Dust collector and air filter. 2,196,839; Apr. 9.
Sengbusch, Gustav J., Milwaukee, Wis. Inkstand. 2,188,962; Feb. 6.
Sengebusch, Hans. (See Lomax, C. E., and Sengebusch.)
Sengebusch, Hans, Villa Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Mounting for hand telephones. 2,194,772; Mar. 26.
Sengebusch, Hans, Villa Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Mounting for hand telephones. 2,194,813; Mar. 26.
Sengebusch, Hans, Villa Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Desk telephone set. 2,200,810; May 14.
Sengebusch, Hans, Villa Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,209,615; July 30.
Sengebusch, Hans, Villa Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Mounting for hand telephones. 2,215,860; Sept. 24.
Sengebusch, Hans, Villa Park, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Switching apparatus. 2,218,833; Oct. 22.
Sengebusch, Hans, Villa Park, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Switching apparatus. 2,218,834; Oct. 22.
Senger, Werner I., assignor to Gisholt Machine Company, Madison, Wis. Transmission and control mechanism. Re. 21,412; Mar. 26.
Senger, Werner I., assignor to Gisholt Machine Company, Madison, Wis. Machine tool. 2,218,182; Oct. 15.
Senna, Samuel N., assignor to B. F. Perkins & Sons, Inc., Chicopee, Mass. Device for testing the rupturing strength of sheet material. 2,186,213; Jan. 9.
Sennett, Reginald H. (See Grubb, W. J., Shaw, and Sennett.)
Sennewald, Ferdinand W., St. Louis, Mo. Insecticide package. 2,219,403; Oct. 29.
Sensaud de Lavaud, Robert, Paris, France. Propeller having an automatically variable pitch. 2,221,613; Nov. 12.
Senti, Rudolf. (See Petitcolas, P., Goupil, Frenkiel, and Senti.)
Sepa Scharnier A.-G. (See Witschi, Marie, assignor.)
Separation Process Company. (See Breerwood, Charles H., assignor.)
Separation Process Company. (See Ried, Robert C., assignor.)
Separation Process Company. (See Vogel-Jorgensen, Mikael, assignor.)
Sepe, John, Brooklyn, N. Y. Hat-crown retainer. 2,200,102; May 7.
Sepko, Mike, assignor of one-half to M. Kozak, McKeesport, Pa. Safety device for airplanes. 2,227,204; Dec. 31.
Seppelfricke, Otto, Gelsenkirchen, Germany. Stopcock. 2,204,452; June 11.
Seppmann, Alfred B., Mankato, Minn. Brake system. 2,207,228; July 9.
Sepull, Gustave H., Detroit, Mich. Engine hand latch. 2,200,346; May 14.
Sequin, Amalie V., nee Niggle, and R. Hirt, Heidelberg, Germany Device for the prevention of accidents due to overtiredness. 2,210,330; Apr. 6.
Serai, Kiichi, assignor to Hawaiian Pineapple Company, Limited, Honolulu, Hawii. Rotary stamping machine. 2,195,135; Mar. 26.
Serbell, Victor. (See Godfrey, T. M., and Serbell.)
Serdahely, Jack W., Milwaukee, Wis. Newspaper display bag. 2,206,268; July 2.
Seright, Carl G., assignor to Bendix Radio Corporation, Chicago, Ill. Remote control device. 2,204,054; June 11.
Seright, Warren A., Muscatine, Iowa. Cultivator attachment. 2,224,800; Dec. 10.
Serini, Arthur, Berlin, and W. Logemann, Berlin-Charlottenburg, Germany, assignors to Schering Corporation, Bloomfield, N. J. Separation of dihydroequilin and estradiol. 2,221,340; Nov. 12.
Serio, Anthony W. (See Serio, Harry P. and A. W.)
Serio, Harry P. and A. W., Elmira, N. Y. Percolator strainer basket for coffeepots. 2,204,158; June 11.
Serlox, N. V. (See Holzkämper, David, assignor.)
Serner, Herbert E., Oakland, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Nozzle for flame machining. 2,201,960; May 21.
Serner, Herbert E., Oakland, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Apparatus far flame machining. 2,208,139; July 16.
Serniuk, George E. (See Mikeska, L. A., and Serniuk.)
Serr, William F., assignor of forty-nine one-hundredths to E. Pusinelli, New York, N. Y. Food product. 2,186,435; Jan. 9.
Serr, William F., assignor of forty-nine per cent to E. Pusinelli, New York, N. Y. Ski construction. 2,188,582; Jan. 30.
Serrano, Edmundo H., St. Louis, Mo. Racket stringing apparatus. 2,188,250; Jan. 23.
Serrell, Florence A., executrix. (See Serrell, J. J., and Smith.)
Serrell, John J., deceased; F. A. Serrell, executrix, Elizabeth, and R. A. Smith, Mahwah, N. J.; said F. A. Serrell assignor to said Smith. Flexible coupling. 2,201,799; May 21.
Serrick, William, assignor to O. W. Holmes, Fairbanks, Alaska. Draft check. 2,223,810; Dec. 3.
Serrurier, Iwan, Los Angeles, Calif. Film viewing device. 2,211,218; Aug. 13.
Sertillange, Maurice A., Brest, France. Quick acting obturating flap valve. 2,221,269; Nov. 12.
Servag, Manasseh G., Philadelphia, Pa., assignor to Schering Corporation, Bloomfield, N. J. Separating hormones from biological materials. 2,202,029; May 28.
Servel, Inc. (See Anderson, Philip P., Jr., assignor.)
Servel, Inc. (See Andersson, Sven W. E., assignor.)
Servel, Inc. (See Ashby, C. T., and Hayne, assignors.)
Servel, Inc. (See Berghoim, Harry K., assignor.)
Servel, Inc. (See Blomqvist, Gustav M., assignor.)
Servel, Inc. (See Buffington, Ralph M., assignor.)
Servel, Inc. (See Buffington, R. M., and Ashby, assignors.)
Servel, Inc. (See Getaz, James L., assignor.)
Servel, Inc. (See Grubb, Gunnar, assignor.)
Servel, Inc. (See Hainsworth, William R., assignor.)
Servel, Inc. (See Hedlund, William T., assignor.)
Servel, Inc. (See Knight, Donald B., assignor.)
Servel, Inc. (See Kögel, W. G., and Strandberg, assignors.)
Servel, Inc. (See Kuenzli, Walter A., assignor.)
Servel, Inc. (See Lenning, Alvar, assignor.)
Servel, Inc. (See Moore, Robert B., assignor.)
Servel, Inc. (See Nauert, Carl H., assignor.)
Servel, Inc. (See O'Brien, William L., assignor.)
Servel, Inc. (See Oelmann, Wilhelm, assignor.)
Servel, Inc. (See Peltier, Frank D., assignor.)
Servel, Inc. (See Ploeger, Clyde E., assignor.)
Servel, Inc. (See Ruthenburg, Louis, assignor.)
Servel, Inc. (See Seibert, Ernest H., assignor.)
Servel, Inc. (See Shagaloff, Harry C., assignor.)
Servel, Inc. (See Shipman, Bennet C., assignor.)
Servel, Inc. (See Simpson, Walter M., assignor.
Servel, Inc. (See Smith, Albert C., assignor.)
Servel, Inc. (See Taylor, Robert S., assignor.)
Servel, Inc. (See Thomas, Albert R., assignor.)
Servel, Inc. (See Torstensson, Sture F., assignor.)

Servel, Inc. (See Ullstrand, Hugo M., assignor.)
Servel, Inc. (See Widell, Nils E., assignor.)
Service Devices Corporation. (See Iftiger, H. J., and Cook, assignors.)
Service Manufacturing Co. Inc. (See Eagley, Karl C., assignor.)
Servigne, Marcel, assignor to Societe pour l'Etude & l'Exploitation des matieres Luminescentes, Paris, France. Electric discharge tube. 2,210,780; Aug. 6.
Servisales Limited. (See Rothery, James S., assignor.)
Servus Rubber Co., The. (See Steinhilber, Adolph A., assignor.)
Sery, George N. (See Hinrichs, F., and Sery.)
Sessions Clock Company, The. (See Hutchinson, Raymond E., assignor.)
Sessions, Donald W., London, England. Fluid pressure system. 2,198,018; Apr. 23.
Sessions, Donald W., Mill Hill, London, assignor to Smith's Jacking Systems Limited, London, England. Fluid pressure apparatus. 2,224,526; Dec. 10.
Sessions, Frank L., Lakewood, Ohio. Apparatus for electric induction welding and heating. 2,209,637; July 30.
Sessions, Holland L., and H. L. Jones, Fort Wayne, Ind. Shaving and clipping tool. 2,203,581; June 4.
Sessoms, William A., Bonifay, Fla. Turpentine hack and puller. 2,218,054; Oct. 15.
Seto, Hing, Los Angeles, Calif. Comb cleaner. 2,223,706; Dec. 3.
Settel, Elmer H., New York, N. Y., and V. Himmer, Mountain Lakes, N. J., said Himmer assignor to said Settel. Photographic camera. 2,203,368; June 4.
Setter Bros. Inc. (See Decker, Sol, assignor.)
Seuberling, Martin J., assignor, by mesne assignments, to Vegetable Oils Specialty Corporation, Cincinnati, Ohio. Polish. 2,193,241; Mar. 12.
Seubert, William F., West Hartford, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Electric switch contact. 2,216,654; Oct. 1.
Severin, Alfred N. (See McPhee, W. F., and Severin.)
Severin, Carl, Cleveland Heights, Ohio, assignor to General Electric Company. Filament joint for electric lamps. 2,227,324; Dec. 31.
Severin, Edwin. (See Bartels, H., and Severin.)
Severin, Edwin, Berlin-Tempelhof, Germany. Phonograph record disk. 2,221,270; Nov. 12.
Severin, José. (See Roeckner, M., and Severin.)
Seversky Aircraft Corporation. (See de Seversky, Alexander P., assignor.)
Seversky Aircraft Corporation. (See Elset. Borger S., assignor.)
Severson, Nelson A. (See Schuman, E., and Severson.)
Severson, Ole, Shelton, Conn., assignor to The Apex Tool & Cutter Company, Inc. Tool holder. 2,188,742; Jan. 30.
Severson, Ole, Shelton, Conn., assignor to The Apex Tool & Cutter Company, Inc. Milling cutter. 2,188,743; Jan. 30.
Severson, Ole, Shelton, Conn., assignor to The O. K. Tool Company, Inc., New York, N. Y. Tapered serrated wedge lock. 2,216,788; Oct. 8.
Severy, Victor H., Glendale, Calif. Electrical musical instrument. 2,187,251; Jan. 16.
Severy, Victor H., Glendale, Calif. Sound reproducing apparatus. 2,225,323; Dec. 17.
Severy, Victor H., assignor to Wilson & Bennett Manufacturing Company, Chicago, Il. Ring lever latch and indicator. 2,216,480; Oct. 1.
Sewall, Arthur C., Auburn, Maine. Platform shoe and platform for use in the same. 2,204,159; June 11.
Sewall, Arthur C., Auburn, Maine. Shoe counter. 2,212,887; Aug. 27.
Seward, George A., Rossville, Ga. Staple puller. 2,212,080; Aug. 20.
Sewell, Benjamin W., Tulsa, Okla., assignor to Standard Oil Development Company. Pressure coring device. 2,216,962; Oct. 8.
Sewell, Houston P., Montgomery, Ala. Guard or shield for handles of picks. 2,222,002; Nov. 19.
Sexton, Everett P., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid type inertia device. 2,225,716; Dec. 24.
Sexton, Isaac E., Winchester, Mass. Golf club. 2,225,930; Dec. 24.
Sexton, Isaac E., Winchester, Mass. Golf club. 2,225,931; Dec. 24.
Seybold, Frederick W. (See Gudger, M. S., and Seybold.)
Seybold, Frederick W., Westfield, assignor to American Type Founders, Inc., Elizabeth, N. J. Bed motion. 2,187,758; Jan. 23.
Seybold, Frederick W., Westfield, assignor to American Type Founders, Inc., Elizabeth, N. J. Bed motion. 2,187,759; Jan. 23.
Seybold, Frederick W., Westfield, assignor to American Type Founders Incorporated, Elizabeth, N. J. Composing room saw. 2,188,446; Jan. 30.
Seybold, Frederick W., Westfield, assignor to American Type Founders Incorporated, Elizabeth, N. J. Composing room saw. 2,202,434; May 28.
Seybold, Frederick W., Westfield, assignor to American Type Founders, Inc., Elizabeth, N. J. Sheet feeder. 2,214,088; Sept. 10.
Seybold, Frederick W., assignor to American Type Founders, Inc., Elizabeth, N. J. Sheet delivery mechanism. 2,226,674; Dec. 31.
Seybold, Frederick W., assignor to American Type Founders, Inc., Elizabeth, N. J. Chain gripper feeder. 2,227,370; Dec. 31.
Seybold, Hermann G., New York, N. Y., assignor to Bandcan Corporation. Container. 2,188,963; Feb. 6.
Seybolt, Alan U. (See Gonser, B. W., Seybolt, and McArthur.)
Seybolt, Alan U., Columbus, Ohio, assignor, by mesne assignments, to Electro Metallurgical Company. Copper-silicon-iron alloy. 2,214,149; Sept. 10.
Seydel, Carl J. (See Foster, B., and Seydel.)
Seydell-Woolley & Company. (See Woolley, Vasser, assignor.)
Seyferth, Carl G., assignor to West Michigan Steel Foundry Co., Muskegon, Mich. Landing gear. 2,191,866; Feb. 27.
Seyforth, Mack. (See Kahn D., and Seyforth.)
Seyforth, Rome C., assignor to The Shelby Metal Products Company, Shelby, Ohio. Atomizer. 2,189,229; Feb. 6.
Seyfried, Arthur W. (See Johnson, Theodore and R. O., and Seyfried.)
Seyller, John C., Prophetstown, Ill. Loader. 2,190,164; Feb. 13.
Seymour, George W., and V. S. Salvin, Cumberland, Md., assignors to Celanese Corporation of America. Dark colored textile material. 2,195,584; Apr. 2.
Seymour, George W., and V. S. Salvin, Cumberland, Md., assignors to Celanese Corporation of America. Colored textile materials and producing same. 2,195,585; Apr. 2.
Seymour, George W., and B. B. White, Cumberland, Md., assignors to Celanese Corporation of America. Fibrous acetone soluble cellulose acetate of 58–60% acetyl content. 2,203,699; June 11.
Seymour, George W., and B. B. White, Cumberland, Md., assignors to Celanese Corporation of America. Preparation of cellulose esters of high acyl value. 2,203,700; June 11.
Seymour, George W., and B. B. White, Cumberland, Md., assignors to Celanese Corporation of America. Production of cellulose esters. 2,203,748; June 11.
Seymour, George W., and B. B. White, Cumberland, Md., assignors to Celanese Corporation of America. Stabilizing organic ester of cellulose of high acyl values. 2,203,749; June 11.
Seymour, Herman L., Jacksonville, Fla., assignor to The Philip Carey Manufacturing Company. Roofing and ventilated roof structure. 2,214,183; Sept. 10.
Seymour, Lynn L., De Kalb, Ill., assignor to The Creamery Package Mfg. Company, Chicago, Ill. Bottle capping machine. 2,226,483; Dec. 24.
Seymour, Merrill W., assignor to Eastman Kodak Company, Rochester, N. Y. Transparency carrier. 2,191,036; Feb. 20.
Seymour, William I., West Barrington, assignor to Franklin Machine Company, Providence, R. I. Apparatus for treating yarns and like materials. 2,207,899; July 16.
Shackelford, Charles C., West Monroe, La. Paper cutter. 2,214,540; Sept. 10.
Shackelford, George A., assignor of one-third to E. K. Morgan, and one-fourth to D. J. Egan, New York, N. Y. Speed pulley generator. 2,187,181; Jan. 16.
Shackelford, Orie, Fairmont, W. Va. Lehr stacker for glassware. 2,191,591; Feb. 27.
Shackelford, Orie, Fairmont, W. Va. Glassware receiving, conveying, and uprighting apparatus. 2,193,942; Mar. 19.
Shackelford, Orie, Fairmont, W. Va. Annealing lehr and annealing glass articles. 2,197,440; Apr. 16.
Shackelford, Orie, Fairmont, W. Va. Lehr belt and making the same. 2,199,529; May 7.
Shackford, Theodore B., et al. (See Birmingham, Raymond A., assignor.)
Shackleton, Jack, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Tobacco feeding mechanism for cigarette making machines. 2,199,579; May 7.
Shackleton, Jack, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Feeding of tobacco to cigarette making machines. 2,211,172; Aug. 13.
Shadick, Ernest L. (See Henderson, D. E., and Shadick.)
Shafer Bearing Corporation. (See Bryant, Jerrus M., assignor.)
Shafer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,187,182; Jan. 16.
Shafer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,187,434; Jan. 16.
Shafer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Cushioning mechanism for car trucks. 2,195,742; Apr. 2.
Shafer, Julius E., assignor to Monad Corporation, Chicago, Ill. Bearing. 2,189,838; Feb. 13.
Shafer, Julius E., assignor to Monad Corporation, Chicago, Ill. Bearing assembly. 2,194,328; Mar. 19.
Shafer, Lincoln M. (See Crossley, M. L., and Shafer.)
Shafer, Mary. (See Taylor, Orlin D., assignor.)
Shaff, Ernest H., assignor to William H. Keller, Inc., Grand Haven, Mich. Pressure fluid operated tool. 2,187,502; Jan. 16.

Shaff, Ernest H., assignor to The Aro Equipment Corporation, Bryan, Ohio. Dual speed drive. 2,198,921; Apr. 30.
Shaffer, Allyn M., and J. B. Hatcher, Los Angeles, Calif. Latch mechanism. 2,195,542; Apr. 2.
Shaffer, Charles A., Hays, Pa. Work handling apparatus. 2,203,799; June 11.
Shaffer, Donald U., Brea, F. D. Hobbs, Huntington Beach, and E. C. Hamm, Norwalk, Calif. Circumorbital cutting tool. 2,199,972; May 7.
Shaffer, Ernest J., Hutchinson, Kans. Pipe coupling. 2,211,173; Aug. 13.
Shaffer, John F., Mentor, Ohio. Picture illuminating means. 2,225,527; Dec. 17.
Shafor, Ralph W., New York, and R. P. Kite, Yonkers, assignors to The Dorr Company, Inc., New York, N. Y. Production of bisulphite liquor. 2,190,612; Feb. 13.
Shaft, Elizabeth P., Inman, Kans. Automatic ball float tank seal. 2,211,296: Aug. 13.
Shagaloff, Harry C., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,195,288; Mar. 26.
Shagaloff, Harry C., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Liquid fuel burner. 2,209,443; July 30.
Shagaloff, Harry C., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,212,277; Aug. 20.
Shager, Samuel, Queens County, assignor to S. H. Aibel, New York, N. Y. Knitted fabric. 2,220,428; Nov. 5.
Shakespeare Company. (See Russell, S. G., and Clickner, assignors.)
Shakespeare, Henry G., and W. G. Balz., assignors to Shakespeare Products Company, Kalamazoo, Mich. Igniter. 2,207,601; July 9.
Shakespeare, Henry G., and W. G. Balz, assignors to Shakespeare Products Company, Kalamazoo, Mich. Lighter. 2,220,978; Nov. 12.
Shakespeare Products Company. (See Bunto, Ralph F., assignor.)
Shakespeare Products Company. (See Shakespeare, H. G., and Balz., assignors.)
Shakespeare Products Company. (See Weber, H., and De Hamer, assignors.)
Shakop, Isaac C. (See Seeberger Fred B. assignor.)
Shaler, David M., Leavenworth, Kans., assignor of one-half to J. M. Shaler, Silver Creek, N. Y. Screening and purifying machine. 2,217,710; Oct. 15.
Shaler, Harrison, Savanna, Ill. Loading an explosive into a container. 2,195,429; Apr. 2.
Shaler, Jennie M. (See Shaler, David M., assignor.)
Shaler, Saul, Jackson Heights, Long Island, N. Y. Loose-leaf binder book. 2,186,436; Jan. 9.
Shallcross Controls, Inc. (See Schindler, Carl, assignor.)
Shallish, Albert E., Oakland, Calif. Attachment for filing cabinets. 2,205,824; June 25.
Shames, Harold J., Chicago, Ill. Air purifying composition and process therefor. 2,222,882; Nov. 26.
Shanahan, Thomas E. J., Brooklyn, N. Y. Method and means for obtaining accurate occlusion. 2,220,734; Nov. 5.
Shand, Errol B., and J. F. Hyde, Corning, N. Y., assignors, by mesne assignments, to Owens-Corning Fiberglas Corporation. Fibrous glass textile material for electrical insulation. 2,209,850; July 30.
Shane, Conrad B., Wilmette, Ill. Overcoat. Re. 21,676; Dec. 24.
Shane, Conrad B., Wilmette, Ill. Sleeved lining for overcoats. 2,198,064; Apr. 23.
Shank, André J. (See Landry, Adolphus H., assignor.)
Shank, Charles M. (See Buccicone, D., and Shank.)
Shank, Edwin A., New Rochelle, N. Y. Display cabinet. 2,222,690; Nov. 26.
Shankland, Rodney V., assignor to Standard Oil Company, Chicago, Ill. Gas reversion. 2,206,055; July 2.
Shankweiler, Ray G., Philadelphia, Pa., assignor to Radio Corporation of America. Facsimile recording device. 2,227,109; Dec. 31.
Shanley, William B., and R. E. Sutherland, assignors to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil treatment. 2,225,847; Dec. 24.
Shannon, Charles R., Harlan, assignor of one-fourth to L. R. Muir, Crummies, and one-fourth to C. Abel, Lenarue, Ky. Fish carrier. 2,200,044; May 7.
Shannon, Hubert F., Jackson Heights, assignor to Patent Syndicate, New York, N. Y. Combined coat and skirt hanger. 2,215,769; Sept. 24.
Shannon, Jack F., Cleveland, Ohio. Operation of vapor generators. 2,217,610; Oct. 8.
Shannon, Jesse M., Chicago, Ill. Fish lure. 2,203,473; June 4.
Shannon, Randolph W., Philadelphia, Pa. Base and mounting means. 2,208,704; July 23.
Shapiro, Abraham. (See Adams, G. L., Barlow, and Shapiro.)
Shapiro, Abraham, Monrovia, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Demulsification of petroleum. 2,217,387; Oct. 8.
Shapiro, Alfred D., New York, N. Y. Stencil. 2,227,325; Dec. 31.
Shapiro, Harry S., Chicago, Ill. Adjustable cover. 2,226,233; Dec. 24.
Shapiro, Henry, assignor of one-half to S. J. Becker, Philadelphia, Pa. Liquid dispensing apparatus. 2,208,550; July 16.
Shapiro, Isadore, assignor to The Athletic Shoe Company, Chicago, Ill. Athletic shoe. 2,203,929; June 11.
Shapiro, James, Brookline, Mass. Footwear. 2,206,756; July 2.
Shapiro, Murray, New York, N. Y. Play equipment. 2,206,581; July 2.
Shapiro, Samuel, New York, N. Y. Woman's companion. 2,190,273; Feb. 13.
Shapleigh, James H., assignor to Hercules Powder Company, Wilmintgon, Del. Catalytic reaction. Re. 21,521; July 30.
Shappirio, Sol, et al. (See Grant, Rudolph R., assignor.)
Shappirio, Sol, Washington, D. C. Antioxidant. 2,217,711; Oct. 15.
Share, Barnett, Jamaica Estates, N. Y. Valve for well point systems. 2,213,680; Sept. 3.
Share, Maurice, and W. D. Wallace, Camillus, assignors to Camillus Cutlery Company, Inc., New York, N. Y. Pocketknife. 2,197,136; Apr. 16.
Share, Maurice S., Camillus, assignor to Camillus Cutlery Company, Inc., New York, N. Y. Manufacturing ornamental face plates for penknives and the like. 2,212,131; Aug. 20.
Sharkey, Michael, Brooklyn, N. Y. Automatic jack block for cars. 2,190,491; Feb. 13.
Sharkey, William E., assignor to The Raymond Bag Company, Middletown, Ohio. Bag valve tucking machine. 2,205,633; June 25.
Sharma, Jagan N., Los Angeles, assignor to Food Machinery Corporation, San Jose, Calif. Treating fruit. 2,210,133; Aug. 6.
Sharma, Jagan N., Los Angeles, assignor to Food Machinery Corporation, San Jose, Calif. Treating fruits. 2,212,621; Aug. 27.
Sharma, Jagan N., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Treating fruit. 2,211,390; Aug. 13.
Sharon, Hugh A., South Pasadena, Calif. Quick attachable and detachable hose couplings made in one unit. 2,226,914; Dec. 31.
Sharon Steel Corporation. (See Wilson, Lorenz H., assignor.)
Sharp, Charles W., and A. I. Carnine, Dayton, Ohio Flushing apparatus. 2,208,281; July 16.
Sharp Deflecting Tool Company. (See Potts, Ernest L., assignor.)
Sharp Deflecting Tool Company. (See Sharp, Frank W., assignor.)
Sharp & Dohme, Incorporated. (See Barr, Courtland H., assignor.)
Sharp & Dohme, Incorporated. (See Coghill, Robert D., assignor.)
Sharp & Dohme, Incorporated. (See Cope, Arthur C., assignor.)
Sharp & Dohme, Incorporated. (See Fox, Sereck H., assignor.)
Sharp & Dohme, Incorporated. (See Hartung, W. H., and Crossley, assignors.)
Sharp & Dohme, Incorporated. (See Johnson, Treat B., assignor.)
Sharp & Dohme, Incorporated. (See Miller, Ellis, assignor.)
Sharp & Dohme, Incorporated. (See Pittenger, Paul S., assignor.)
Sharp & Dohme, Incorporated. (See Read, Roland R., assignor.)
Sharp, Dudley C., assignor to Mission Manufacturing Company, Houston, Tex. Stuffing gland. 2,204,915; June 18.
Sharp, Dudley C., and R. M. Garrison, assignors to Mission Manufacturing Company, Houston, Tex. Slush pump piston. 2,189,839; Feb. 13.
Sharp, Dudley C., L. K. James, and R. M. Garrison, assignors to Mission Manufacturing Company, Houston, Tex. Slush pump valve. 2,214,799; Sept. 17.
Sharp, Frank W., Houston, Tex., assignor, by mesne assignments, to Sharp Deflecting Tool Company. Deflecting tool. 2,196,944; Apr. 9.
Sharp, George H., et al. (See Dorwin, C. W., and Edwards, assignors.)
Sharp, Henry J., Avalon, assignor of one-half to C. M. Clarke, Sewickey, Pa. Connecting frame members. 2,188,209; Jan. .23.
Sharp, Jefferson M., assignor to National Transit Pump & Machine Company, Oil City, Pa. Horizontally reciprocating pump. 2,208,334; July 16.
Sharp, John H., et al. (See Wilsey, Irven H., assignor.)
Sharp, Jonathan. (See Burdick, E. C., Moore, and Sharp.)
Sharp, Leslie H. (See Ruedrich, P. M., and Sharp.)
Sharp, Samuel J., assignor of two-fifths to E. W. Krause, Wheeling, W. Va. Apparatus for treating water. 2,188,487; Jan. 30.
Sharp, Thomas V., Marrero, La. Corn husking and shelling machine. 2,210,821; Aug. 6.
Sharp, William R., Benton, England. Table. 2,199,895; May 7.
Sharpe, Alfred H. (See Cunningham, A. J., and Walker, assignors.)
Sharples Corporation, The. (See Ayres, Arthur U., assignor.)
Sharples Corporation, The. (See Bath, Wilmer H., assignor.)

Sharples Corporation, The. (See Blachly, Fred E., assignor.)
Sharples Corporation, The. (See Brown, Charles R., assignor.)
Sharples Corporation, The. (See Brown, C. R., and Scott, assignors.)
Sharpless Corporation, The. (See Jones, Leo D., assignor.)
Sharples Corporation, The. (See Scott, A. T., and Brown, assignors.)
Sharples Solvents Corporation, The. (See Olin, John F., assignor.)
Sharples Solvents Corporation, The. (See Olin, J. F., and Fritsch, assignors.)
Sharples Solvents Corporation. (See Thomas, Charles A., assignor.)
Shattuck, Frank G., Company. (See Brautigam, Otto G., assignor.)
Shattuck, Lawrence W. (See Parkhill, T. H., and Shattuck.)
Shauer, Leon S., administrator. (See Shauer, Louis S.)
Shauer, Louis S., deceased, L. S. Shauer, administrator, assignor to The No-Tuk Corporation, Los Angeles, Calif. Bed sheet. 2,195,039; Mar. 26.
Shaughnessy, Erard J. (See Cullen, E. V., and Shaughnessy.)
Shaughnessy, Erard J., assignor to Cullen-Friestedt Company, Chicago, Ill. Sheet lifter. 2,213,055; Aug. 27.
Shaulson, Joseph, Providence, R. I. Buckle. 2,224,773; Dec. 10.
Shaver, John, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Generator control system. 2,200,376; May 14.
Shaver, William W. (See Littleton, J. T., Lillie, and Shaver.)
Shaver, William W., assignor to Corning Glass Works, Corning, N. Y. Tempering glass articles. 2,205,180; June 18.
Shaver, William W., assignor to Corning Glass Works, Corning, N. Y. Tempering glass articles, and bath therefor. 2,205,181; June 18.
Shaw, Adam E., et al. (See Godfrey, A. F., and Wedgwood, assignors.)
Shaw, Albert W., Oakland, Calif. Saw grinder. 2,213,413; Sept. 3.
Shaw, Arthur R. (See Hildabolt, J. M., and Shaw.)
Shaw, Bernard. (See Rooney, J. H., and Shaw.)
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Stack switch construction. 2,187,284; Jan. 16.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Combination fan and limit control. 2,190,337; Feb. 13.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Switch structure. 2,190,338; Feb. 13.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Control switch having high pressure safety mechanism. 2,194,127; Mar. 19.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Switch structure. 2,194,128; Mar. 19.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Tire inflater. 2,194,129; Mar. 19.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Humidostat. 2,198,131; Apr. 23.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Refrigerant compressor controller. 2,198,132; Apr. 23.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Refrigerant compressor control. 2,200,657; May 14.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Refrigerant compressor control system. 2,204,951; June 18.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Control switch for refrigeration systems. 2,207,521; July 9.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Control switch. 2,211,246; Aug. 13.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Refrigerant system controller. 2,215,057; Sept. 17.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Air compressor controller. 2,221,222; Nov. 12.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Refrigerant control system. 2,221,223; Nov. 12.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Switch structure. 2,225,236; Dec. 17.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Burner control apparatus and protection system. 2,225,237; Dec. 17.
Shaw, Burton E., Adel, assignor to Penn Electric Switch Co., Des Moines, Iowa. Thermal cutout unit. 2,211,245; Aug. 13.
Shaw, Cecil. (See Grubb, W. J., Shaw, and Sennett.)
Shaw, Charles S., Leland, Miss., dedicated to the free use of the People of the United States of America. Apparatus for determining the percentage by weight, of linters, on cotton seed. 2,196,613; Apr. 9.
Shaw, Clarence W. (See Witchger, Eugene S., assignor.)
Shaw, Clarence W., Grosse Pointe, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Self-locking valve tappet screw. 2,191,944; Feb. 27.
Shaw, Clarence W., Grosse Pointe, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Self-locking adjusting screw. 2,202,928; June 4.
Shaw, Darus R. (See Shaw, Merritt R. and D. R.)
Shaw, David Charles, Jr. (See Howle, Blaney H., Sr., assignor.)
Shaw, David T. (See Nofsinger, C. W., and Shaw.)
Shaw, Edward L., Brookline, assignor to Shawlock, Inc., Boston, Mass. Coupling. 2,198,922; Apr. 30.
Shaw, Edward L., Brookline, assignor to Shawlock, Inc., Boston, Mass. Boring-routing tool. 2,215,939; Sept. 24.
Shaw, Edward L., Brookline, assignor to Shawlock, Inc., Boston, Mass. Joint of wood or the like. 2,227,326; Dec. 31.
Shaw, Ernest C. (See Marsh, A. M., and Shaw.)
Shaw, Francis, and Company Limited. (See Cooke, Rupert T., assignor.)
Shaw, George W., assignor to The Shaw-Walker Company, Muskegon, Mich. Slip-index folder. 2,223,642; Dec. 3.
Shaw, Harold D., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,225,932; Dec. 24.
Shaw, Harold N., Erie, Pa. Electrical heating element. 2,217,296; Oct. 8.
Shaw, Henry O., et al. (See Burley, Matthew, assignor.)
Shaw, Hubert R., Bridgeport, Conn., assignor to General Electric Company. Switching scheme. 2,217,497; Oct. 8.
Shaw, John F. (See Scott, G. L., Shaw, and Noble.)
Shaw, John F., Los Angeles, Calif., assignor to Reed Roller Bit Company, Houston, Tex. Drill bit. 2,201,379; May 21.
Shaw, Martin L., et al. (See Burley, Matthew, assignor.)
Shaw, Merritt R. and D. R., East Jordan, Mich. Sanitary poultry fountain. 2,193,258; Mar. 12.
Shaw Paper Box Company. (See Logan, Dougald S., assignor.)
Shaw, Ray H., and E. E. Watson, assignors to Metalectric Corporation, Waterloo, Iowa. Humidifier. 2,213,851; Sept. 3.
Shaw, Robert C., Holmdel, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave translation system. 2,210,503; Aug. 6.
Shaw, Robert D., Bloomfield, assignor to Niles-Bement-Pond Company, Hartford, Conn. Tracer controlled machine tool. 2,207,830; July 16.
Shaw, Robert D., Bloomfield, assignor to Niles-Bement-Pond Company, Hartford, Conn. Tracer controlled milling machine. 2,212,407; Aug. 20.
Shaw, Robert D., Bloomfield, assignor to Niles-Bement-Pond Company, Hartford, Conn. Tracer for electrically controlled machine tools. 2,225,717; Dec. 24.
Shaw, Roscoe D., Pittsfield, Mass., assignor to General Electric Company. Sealing device. 2,206,707; July 2.
Shaw, Thomas S., assignor to W. G. Torrance, Detroit, Mich. Toolholder. 2,207,359; July 9.
Shaw, Vincent L., Evanston, Ill. Thermostatically controlled switch. 2,209,583; July 30.
Shaw-Walker Company, The. (See Burdick, J. S., and Fairbank, assignors.)
Shaw-Walker Company, The. (See Page, John H., assignor.)
Shaw-Walker Company, The. (See Shaw, George W., assignor.)
Shaw, William. (See Bennett, William B., assignor.)
Shaw, William. (See Curley, R. S., and Shaw.)
Shaw, William, and E. B. MacLean, Saco, Maine, assignors to Saco-Lowell Shops, Boston, Mass. Condenser for cotton and other fibers. 2,210,843; Aug. 6.
Shaw, William C., Appleton, Minn. Electric socket adaptor. 2,210,603; Aug. 6.
Shaw, William S., Chicago, Ill. Portable heating and cooling cabinet. 2,196,035; Apr. 2.
Shawber, Lloyd L., and F. Breckenridge, Mansfield, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Washing machine. 2,208,397; July 16.
Shawhan, Sam F. (See Ashley, C. M., and Shawhan.)
Shawinigan Chemicals Limited. (See Andersen, A. H., and Renaud, assignors.)
Shawinigan Chemicals Limited. (See Eaton, Milton, assignor.)
Shawlock, Inc. (See Shaw, Edward L., assignor.)
Shawmut Engineering Company. (See Hathaway, E. F., and Bixby, assignors.)
Shea, Cecelia W., Detroit, Mich. Sandal. 2,193,943; Mar. 19.
Shea, Edward J. (See Hampel, Theodore T., assignor.)
Shea, John A., Jersey City, N. J. Pen. 2,195,430; Apr. 2.
Shea, John A., Jersey City, N. J. Making Stainless steel pens. 2,208,477; July 16.
Shea, John J., San Diego, Calif. Powder dispenser. 2,209,707; July 30.
Shea-Whelpley Construction Company, The. (See Whelpley Earl G., assignor.)
Sheaffer, W. A., Pen Company. (See Wright, H. S., and Martin, assignors.)

Sheahan, John F., Scottdale, Pa. Razor blade crusher. 2,208,165; July 16.
Shear, Walter B., Newark, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for forming cables. 2,212,132; Aug. 20.
Shearer, Arthur G., Houston, Tex. Electric iron and support for said iron. 2,224,198; Dec. 10.
Shearer, Charles V., Capitan, N. Mex. Speed governor and driving control for automotive vehicles. 2,203,446; June 4.
Shearer, William E., Oklahoma City, Okla. Transformer. 2,206,856; July 2.
Shearing, Francis C., Burlingame, Calif. Shoe polishing guard. 2,186,348; Jan. 9.
Shearman, Russell M., and L. Zavitz, North Hollywood, Calif. Torch. 2,217,970; Oct. 15.
Shebiel, Eldrid L. (See Jones, Lester C., assignor.)
Sheck, Oscar, assignor to Koehring Company, Milwaukee, Wis. Boom bucket. 2,190,339; Feb. 13.
Sheck, Oscar, assignor to Koehring Company, Milwaukee, Wis. Control mechanism for twin batch paving machines. 2,224,801; Dec. 10.
Shedd, Hugh F., Minneapolis, Minn. Combined book and coupon unit. 2,215,163; Sept. 17.
Sheehan, Thomas C., Montclair, N. J., assignor to Durham Duplex Razor Company, Mystic, Conn. Razor. 2,204,827; June 18.
Sheehan, William M., Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Railway container car. 2,191,222; Feb. 20.
Sheeler, Harry E., and R. O. Engelauf, assignors to The National Cash Register Company, Dayton, Ohio. Printing means. 2,199,973; May 7.
Sheely, Clyde Q. (See King, W. H., and Sheely.)
Sheesley, Horace A., assignor to Tufide Products Corporation, Portland, Maine. Method and apparatus for making fibrous sheetings. 2,206,056; July 2.
Sheesley, Horace A., assignor to Tufide Products Corporation, Portland, Maine. Apparatus for manufacturing fiberboard. 2,222,633; Nov. 26.
Sheetz, Robert L., Independence, Mo. Magazine wrench. 2,220,354; Nov. 5.
Sheffield, Donald H., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Preparation of terpene ethers. 2,220,462; Nov. 5.
Sheffield Gage Corporation. (See Aller, W. F., and Rausch, assignors.)
Sheffield Gage Corporation, The. (See Aller, Willis F., assignor.)
Sheffield Gage Corporation, The. (See Markwick, Frederick H., assignor.)
Sheffield Steel Corporation. (See Brandt, Fred H. G., assignor.)
Sheffield Steel Corporation. (See McFarland, Frank R., assignor.)
Sheffield, Washington K. (See Wetherby-Williams, A. V., and Sheffield.)
Sheffield, William F., Baltimore, Md. Drilling shaft coupling. 2,215,770; Sept. 24.
Shehan, William E., Los Angeles, Calif. Interchangeable and interlocking tilt bracket and cord fitting assembly for Venetian blinds. 2,224,362; Dec. 10.
Sheinaus, Abraham, Brooklyn, N. Y. Garment hanger. 2,210,344; Aug. 6.
Shelanski, Herman A., Philadelphia, Pa. Insufflator. 2,185,927; Jan. 2.
Shelby, Cycle Company, The. (See Edgar, L. M., and Smith, assignors.)
Shelby Metal Products Company, The. (See Seyforth, Rome C., assignor.)
Shelby, Robert E., Teaneck, N. J., assignor to Radio Corporation of America. Electron discharge tube. 2,193,539; Feb. 12.
Shelby, Robert E., Teaneck, N. J., assignor to Radio Corporation of America. Electronic modulator and method of modulation. 2,201,323; May 21.
Shelby, Robert E., Teaneck, N. J., assignor to Radio Corporation of America. Television system. 2,222,957; Nov. 26.
Shelby Spring Hinge Co., The. (See Hubbs, Henry E., assignor.)
Sheldon, Clinton A. (See Abrams, A., Forcey, and Sheldon.)
Sheldon, Howard W., Clarksboro, and F. C. Fahnestock, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Centrifugal contacting apparatus. 2,189,230; Feb. 6.
Sheldon, Lyle M. (See Goff, L. E., Sheldon, Herzog, and Olsen.)
Sheldon, Lyle M., assignor to The Cellulose Research Corporation, East Alton, Ill. Bleaching cellulose. 2,190,274; Feb. 13.
Sheldon, Lyle M., East Alton, and L. E. Goff, Alton, assignors to The Cellulose Research Corporation, East Alton, Ill. Purifying wood pulp. 2,198,065; Apr. 23.
Sheldon, Lyle M., East Alton, and L. E. Goff, and D. A. Alderson, Alton, Ill., and G. N. Fisher, St. Louis, Mo., assignors to The Cellulose Research Corporation, East Alton, Ill. Refining wood pulp. 2,198,706; Apr. 30.
Sheldon, Lyle M., L. E. Goff, M. L. Herzog, and F. Olsen, assignors to The Cellulose Research Corporation, East Alton, Ill. Treating wood cellulose. 2,185,776; Jan. 2.
Sheldon, Ralph O., Kansas City, Mo., assignor to F. E. and S. E. Peek, Wichita, Kans. Wagon bolster. 2,193,411; Mar. 12.
Sheldon, Waldo, South Norwalk, Conn. Well drilling apparatus. 2,226,947; Dec. 31.
Sheldon, William M., Roselle Park, assignor to L. Ruprecht, Montclair, N. J. Reducing mill. 2,212,482; Aug. 20.
Sheldrick, George, and M. Wyler, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. 2- and 2:7-Di-alkylarylcarbamylfluorenes and fluorene-2- and 2:7-dicarboxylic acids and making them. 2,195,289; Mar. 26.
Sheldrick, George E., assignor to Midwest Tool & Manufacturing Company, Detroit, Mich. Cutting tool. 2,209,174; July 23.
Sheldrick, Laurence S., assignor to Ford Motor Company, Dearborn, Mich. Internal-combustion engine. 2,186,080; Jan. 9.
Sheldrick, Laurence S., assignor to Ford Motor Company, Dearborn, Mich. Centrifugal pump. 2,191,917; Feb. 27.
Shell Development Company. (See Allen, Clyve C., assignor.)
Shell Development Company. (See Allen, C. C., and Haury, assignors.)
Shell Development Company. (See Anderson, Alvin P., assignor.)
Shell Development Company. (See Anderson, A. P., and Nelson, assignors.)
Shell Development Company. (See Beeck, O., and Rust, assignors.)
Shell Development Company. (See Bent, Franklin A., assignor.)
Shell Development Company. (See Bent, F. A., Loomis, and Lawton, assignors.)
Shell Development Company. (See Berry, Hugh R., assignor.)
Shell Development Company. (See Bogdan, Mihai, assignor.)
Shell Development Company. (See Bresler, F., and Drasky, assignors.)
Shell Development Company. (See Brons, Folkert, assignor.)
Shell Development Company. (See Buchel, J. A., and Jan Saal, assignors.)
Shell Development Company. (See Byck, Harold T., assignor.)
Shell Development Company. (See Byck, H. T., Freeland, and Lawton, assignors.)
Shell Development Company. (See Clausen, Justus F., assignor.)
Shell Development Company. (See Coltof, Willem, assignor.)
Shell Development Company. (See Coltof, W., and Langedijk, assignors.)
Shell Development Company. (See Converse, Willard, assignor.)
Shell Development Company. (See Court, William F., assignor.)
Shell Development Company. (See Dawson, R. D., and Huisman, assignors.)
Shell Development Company. (See Deanesly, Richard M., assignor.)
Shell Development Company. (See de Ridder, G. Y., and Crosby, assignors.)
Shell Development Company. (See de Simó, Martin, assignor.)
Shell Development Company. (See de Simo, M., Lawton, and Loomis, assignors.)
Shell Development Company. (See Engel, William F., assignor.)
Shell Development Company. (See Engs, W., Groll, and Fairbairn, assignors.)
Shell Development Company. (See Evans, T. W., and Bullard, assignors.)
Shell Development Company. (See Evjen, H. M., and Muzzey, assignors.)
Shell Development Company. (See Freeland, J. W., and Byck, assignors.)
Shell Development Company. (See Frolov, Boris A., assignor.)
Shell Development Company. (See Gage, William P., assignor.)
Shell Development Company. (See Gage, W. P., and Deanesly, assignors.)
Shell Development Company. (See Greensfelder, B. S., and Goldsmith, assignors.)
Shell Development Company. (See Greensfelder, B. S., and Shiras, assignors.)
Shell Development Company. (See Groll, Herbert P. A., assignor.)
Shell Development Company. (See Groll, H. P. A., and Burgin, assignors.)
Shell Development Company. (See Groll, H. P. A., and Hearne, assignors.)
Shell Development Company. (See Groll, H. P. A., and Ott, assignors.)
Shell Development Company. (See Hassler, Gerald L., assignor.)
Shell Development Company. (See Henkes, Rudolf A., assignor.)
Shell Development Company. (See Hillman, E. S., and Lantz, assignors.)

Shell Development Company. (See Hillman, E. S., and Webb, assignors.)
Shell Development Company. (See Hoeffelman, Johan M., assignor.)
Shell Development Company. (See Hoog, Han, assignor.)
Shell Development Company. (See Hügel, Helmut, assignor.)
Shell Development Company. (See Huisman, Philippus H., assignor.)
Shell Development Company. (See Hund, W. J., Thomas and Luten, assignors.)
Shell Development Company. (See Ide, John M., assignor.)
Shell Development Company. (See Joyce, Percy E., assignor.)
Shell Development Company. (See Knight, Hugh, assignor.)
Shell Development Company. (See Kôn, S., and Tournadre, assignors.)
Shell Development Company. (See Lantz, Vernon, assignor.)
Shell Development Company. (See Lawton, Howard C., assignor.)
Shell Development Company. (See Lawton, H. C., and Loomis, assignors.)
Shell Development Company. (See Liedholm, George E., assignor.)
Shell Development Company. (See Limburg, Hijman, assignor.)
Shell Development Company. (See Limerick, D. A., and Lawton, assignors.)
Shell Development Company. (See Lorenz, George A., assignor.)
Shell Development Company. (See Lovell, Lawrence L., assignor.)
Shell Development Company. (See McAllister, Sumner H., assignor.)
Shell Development Company. (See McKittrick, Donald S., assignor.)
Shell Development Company. (See McKittrick, D. S., and Henriques, assignors.)
Shell Development Company. (See Moser, Franz R., assignor.)
Shell Development Company. (See Moser, F. R., and Nijk, assignors.)
Shell Development Company. (See Moser, F. R., and Tuyn, assignors.)
Shell Development Company. (See Muzzey, David S., Jr., assignor.)
Shell Development Company. (See Peery, Norman E., assignor.)
Shell Development Company. (See Penfield, C. S., and Warren, assignor.)
Shell Development Company. (See Pfeiffer, Johan P., assignor.)
Shell Development Company. (See Pilat, S., and Godlewicz, assignors.)
Shell Development Company. (See Pyzel, Ewald D., assignor.)
Shell Development Company. (See Pyzel, Frederic M., assignor.)
Shell Development Company. (See Rabroff, David L., assignor.)
Shell Development Company. (See Retailliau, Edmond R. P. E., assignor.)
Shell Development Company. (See Reynhart, Arthur F. A., assignor.)
Shell Development Company. (See Rich, R. C., and Cannon, assignors.)
Shell Development Company. (See Richardson, Arthur W., assignor.)
Shell Development Company. (See Richwald, Egon, assignor.)
Shell Development Company. (See Ricketts, Vernon L., assignor.)
Shell Development Company. (See Rosebaugh, Theodore W., assignor.)
Shell Development Company. (See Smithuysen, Wilhelm C. B., assignor.)
Shell Development Company. (See Sorem, Stanley S., assignor.)
Shell Development Company. (See Steenbergh, Alexander W., assignor.)
Shell Development Company. (See Stokman, Hendrikus, assignor.)
Shell Development Company. (See Straatman, Alphons G. H., assignor.)
Shell Development Company. (See Tendeloo, Henricus J. C., assignor.)
Shell Development Company. (See Thomas, S. B., and Cummings, assignors.)
Shell Development Company. (See Tijmstra, Sijbren, assignor.)
Shell Development Company. (See Tijmstra, S., and McKittrick, assignors.)
Shell Development Company. (See Van Campen, Pieter, assignor.)
Shell Development Company. (See van Dijck, Willem J. D., assignor.)
Shell Development Company. (See van Dijck, W. J. D., Broeze, Peletier, and van Driel, assignors.)
Shell Development Company. (See van Dijck, W. J. D., and Schaafsma, assignors.)
Shell Development Company. (See van Dongen, J. R. J., and van Dijck, assignors.)
Shell Development Company. (See van Melsen, Johannes A., assignor.)
Shell Development Company. (See van Peski, Adrianus J., assignor.)
Shell Development Company. (See Van Peski, A. J., and Hoeffelman, assignors.)
Shell Development Company. (See van Peski, A. J., and van Melsen, assignors.)
Shell Development Company. (See van Wijk, Willem R., assignor.)
Shell Development Company. (See Vlugter, Johannes C., assignor.)
Shell Development Company. (See von Stietz, George E. G., assignor.)
Shell Development Company. (See von Thyssen-Bornemisza, Stephan Baron, assignor.)
Shell Development Company. (See Waterman, H. I., and de Nie, assignors.)
Shell Development Company. (See Waterman, H. I., Hessels, and van Krevelen.)
Shell Development Company. (See Waterman, H. I., Leendertse, and de Kok, assignors.)
Shell Development Company. (See Willey, Marney B., assignor.)
Shell Development Company. (See Yabroff, David L., assignor.)
Shell Development Company. (See Yabroff, D. L., and White, assignors.)
Shell, Melvin O., assignor of one-half to L. Dawson, Riverton, Iowa. Detachable funnel. 2,200,642; May 14.
Shell Oil Company. (See Whitmire, Homer E., assignor.)
Shellabarger, Rolla A., Mattoon, Ill. Checkrow corn planter attachment. 2,219,638; Oct. 29.
Shelburne, Augustine, Los Angeles, Calif. Paint spray gun. 2,227,161; Dec. 31.
Shelley, John J., Jr., Kansas City, Mo. Golf game device. 2,195,634; Apr. 2.
Shellmar Products Company. (See Brell, J. J., and Radzinsky, assignors.)
Shellmar Products Company. (See Gilfillan, Paul M., assignor.)
Shellmar Products Company. (See Gurwick, Irving, assignor.)
Shellman Products Company. (See Gurwick, I., and Jennings, assignors.)
Shelor, Frederick L., Sandston, assignor to Davis Manufacturing Company, Richmond, Va. Gauge rod wiper. 2,191,817; Feb. 27.
Shelor, Frederick L., Sandston, assignor to Innovation Brakes, Inc., Richmond, Va. Servomotor apparatus. 2,208,282; July 16.
Shelton, Claude, assignor to Vanity Fair Silk Mills, Reading, Pa. Over-knee-length stocking with rolling-front garter band. 2,218,269; Oct. 15.
Shelton, Donald D., Portland, Oreg. Anti-thumb-sucking device. 2,204,235; June 11.
Shelton, Edward L., Memphis, Tenn. Direction indicator for automobiles. 2,221,331; Nov. 12.
Shelton, Elbert M., New Haven, Conn., assignor to The Tannin Corporation, New York, N. Y. Insecticide. 2,200,582; May 14.
Shelton, J. C., et al. (See Combs, Chester A., assignor.)
Shelton, Rob Roy. (See Morin, L. O., Jr., and Shelton.)
Shelton, Vernon P., Chicago, Ill. Camera. 2,210,988; Aug. 13.
Shelton, W. G., Company. (See Racen, Ferdinand, assignor.)
Shenandoah Equipment Corporation. (See Martin, P. S., and Turner, assignors.)
Shenk, Robert H., assignor to J. A. Zurn Manufacturing Company, Erie, Pa. Drain. 2,191,686; Feb. 27.
Shenk, Robert H., assignor to J. A. Zurn Manufacturing Company, Erie, Pa. Interceptor. 2,216,300; Oct. 1.
Shenton, Francis, assignor to Frick Company, Waynesboro, Pa. Electric control valve. 2,197,320; Apr. 16.
Shenton, Francis, assignor to Frick Company, Waynesboro, Pa. Shaft seal. 2,199,761; May 7.
Shenton, Ralph W., Slatedale, Pa. Blackboard and making the same. 2,191,099; Feb. 20.
Shepard, Alvin F. (See Dent, H. M., and Shepard.)
Shepard, Alvin F., Kenmore, and J. F. Boiney and L. Sontag, assignors to General Plastics, Inc., North Tonawanda, N. Y. Resin from cashew nutshell oil and another phenol. 2,203,206; June 4.
Shepard, Cleo E., Chicago, Ill. Making bungs. 2,200,583; May 14.
Shepard, Ernest L., Fairfield, assignor, by mesne assignments, to The Canal National Bank of Portland, Portland, Maine, as trustee. Pulp molding die. 2,192,937; Mar. 12.
Shepard, Ernest S. (See Elmore, Floyd D., assignor.)
Shepard, Francis H., Jr., Rutherford, N. J., assignor to Radio Corporation of America. Amplifier circuits. 2,194,529; Mar. 26.
Shepard, Francis H., Jr., Rutherford, N. J., assignor to Radio Corporation of America. Distortion reducing circuit. 2,198,464; Apr. 23.
Shepard, Francis H., Jr., Rutherford, N. J., assignor to Radio Corporation of America. Multiple trace oscillograph system. 2,221,115; Nov. 12.

Shepard, Francis H., Jr., Rutherford, N. J., assignor to Radio Corporation of America. Alternating current operated direct current amplifier circuits. 2,224,199; Dec. 10.
Shepard, Henry B., Newton, assignor to Stowe-Woodward, Inc., Newton Upper Falls, Mass. Bowler's grip ball. 2,188,868; Jan. 30.
Shepard, Kelvin K., Baltimore, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Shift type chronometric device. 2,194,237; Mar. 19.
Shepard Niles Crane & Hoist Corporation. (See Buckley, Sydney, assignor.)
Shepard, Oscar F., Cincinnati, Ohio. Elevator transmission. 2,207,166; July 9.
Shepardson, Alan F. (See Fiedler, E. F., and Shepardson.)
Sheperd, George C., Jr. (See Moore, C. C., Jr., and Sheperd.)
Sheperdson, John W., assignor to Morgan Construction Company, Worcester, Mass. Shearing apparatus. 2,193,259; Mar. 12.
Sheperdson, John W., assignor to Morgan Construction Company, Worcester, Mass. Power-driven conveyer. 2,220,550; Nov. 5.
Shepherd, Alfred W., Maplewood, N. J. Control device. 2,204,161; June 11.
Shepherd, Alfred W., Maplewood, N. J. Float operated switching device. 2,211,440; Aug. 13.
Shepherd, Benjamin F., and R. D. Zimmerman, Phillipsburg, assignors to Ingersoll-Rand Company, Jersey City, N. J. Rock drill bit. 2,196,598; Apr. 9.
Shepherd, Charles M. (See Hoagland, R. W., and Shepherd.)
Shepherd Equipment Company. (See Shepherd, Robert C., assignor.)
Shepherd, Floyd O. (See Shepherd, Winfred, and F. O.)
Shepherd, Judson O., Atlanta, Ga. Metering system. 2,191,298; Feb. 20.
Shepherd, Robert C., Portland, Oreg., assignor to Shepherd Equipment Company. Fur beating machine. 2,194,032; Mar. 19.
Shepherd, Solomon W., Oakland, Calif. Amusement device. 2,203,971; June 11.
Shepherd, Thomas C. R., Hale Barns, England, assignor to General Electric Company. Arc welding flux. 2,223,230; Nov. 26.
Shepherd, Thomas L., London, England. Production of rubber or elastic yarn filaments. 2,192,938; Mar. 12.
Shepherd, Thomas L., London, England. Rubber process and product. 2,203,701; June 11.
Shepherd, Thomas L., London, England. Rubber process. 2,221,316; Nov. 12.
Shepherd, Thomas L., Portslade, England, assignor to The Clark Thread Company. Making threads, bands, strips, and tapes of rubber. 2,227,277; Dec. 31.
Shepherd, Winfred and F. O., Elizabeth, Colo. Tire chain. 2,217,498; Oct. 8.
Shepler, Jeff H., Houston, Tex. Method and means for preparing wells for cementing. 2,206,677; July 2.
Sheppard, Allan G., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Fire engine. 2,209,666; July 30.
Sheppard, Edward A. (See Walker, A. H. B., and Sheppard.)
Sheppard, Harry N., Maplewood, N. J., assignor to Scott & Williams, Incorporated, Laconia, N. H. Circular knitting machine. 2,200,209; May 7.
Sheppard, John R., assignor to The Dentists' Supply Company of New York, New York, N. Y. Artificial tooth carrier. 2,193,988; Mar. 19.
Sheppard, Richard H., Hanover, Pa. Fuel line connection. 2,210,345; Aug. 6.
Sheppard, Samuel E., and J. H. Hudson, assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of gelatin. 2,191,034; Feb. 20.
Sheppard, Samuel E., and R. C. Houck, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic antihalation layer. 2,203,659; June 4.
Sheppard, William L., assignor to H. Morley, Grosse Pointe, and T. R. Bush, Royal Oak, Mich. Door closer and check. 2,192,156; Feb. 27.
Sheppard, William L., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle side frame truss. 2,216,025; Sept. 24.
Sheppley, William S., and A. Miller, Chicago, Ill. Electrical connector. 2,225,718; Dec. 24.
Sher, Samuel, Chicago, Ill. Lamp construction. 2,205,580; June 25.
Shera, John W., Chicago, Ill., assignor to American Flange & Manufacturing Co. Inc., New York, N. Y. Tool for applying seal caps. 2,209,851; July 30.
Sherbondy, William E., Shaker Heights, Ohio. Dispensing apparatus for plastic material. 2,205,604; June 25.
Sherer, Josephine W. (See Sherer, Osborn, assignor.)
Sherer, Osborn, assignor to J. W. Sherer, Paxton, Mass., doing business as The Oletime Woodsman's Line. Artificial bait. 2,209,096; July 23.
Sheridan, Charles B., assignor of one-half to J. H. Stiffler, Rochester, N. Y. Arch support. 2,207,271; July 9.
Sheridan, Edward A., Pawtucket, R. I., assignor to Vesta Underwear Company. Shirt construction. 2,221,656; Nov. 12.
Sheridan, Edward A., Pawtucket, R. I., assignor to Vesta Underwear Company. Infant's shirt. 2,222,323; Nov. 19.
Sheridan, Frederick R., Detroit, Mich., assignor to The Detroit Edison Company. Fan. 2,207,948; July 16.
Sheridan, Harold M., New Boston, Ohio, assignor to American Flange & Manufacturing Co., Inc., New York, N. Y. Lock seamed spud. 2,187,503; Jan. 16.
Sheridan, Henry M., Painesville, Ohio, assignor to The Apex Tool & Cutter Company, Inc. Multiple wedging tool assembly. 2,206,293; July 2.
Sheridan, Janes V. (See Forrester, J. W., and Sheridan.)
Sheridan, T. W. & C. B., Company. (See Kleineberg, P. E., Schweizer, and Wilks, assignors.)
Sheridan, T. W. & C. B., Company. (See Schweizer, Paul, assignor.)
Sherka Chemical Co. Inc. (See Einig, Josef, assignor.)
Sherman, Allen T. (See Bedford, Robert H., assignor.)
Sherman, Alvin G., Detroit, Mich., assignor, by mesne assignments, to Borg-Warner Corporation. Stove. 2,185,275; Jan. 2.
Sherman, Alvin G., Grosse Pointe, and T. E. Jackson and C. Roose, assignors to Sherman-Jackson-Roose Company, Detroit, Mich. Adjustable broiler shelf. 2,224,164; Dec. 10.
Sherman, Arthur G. S., Detroit, Mich. Trailer draft mechanism. 2,189,183; Feb. 6.
Sherman, Carl, escrow agent. (See Streyckmans, Hector J., assignor.)
Sherman, Carroll J., assignor to Automatic Cook Corporation, Indianapolis, Ind. Electric cooking utensil. 2,222,124; Nov. 19.
Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Pressed steel fifth wheel. 2,196,537; Apr. 9.
Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Bearing. 2,207,831; July 16.
Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Brake pedal construction. 2,212,354; Aug. 20.
Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Brake and clutch pedal for automobiles. 2,212,355; Aug. 20.
Sherman, Fred S., Somerville, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Method for use in manufacturing shoes. 2,198,707; Apr. 30.
Sherman, Harry E., Alton, assignor to The Equitable Powder Manufacturing Company, East Alton, Ill. Railway torpedo. 2,207,207; July 9.
Sherman, Herndon, Weeksbury, Ky. Rail clamp for mine cars. 2,203,602; June 4.
Sherman, Jack, Brooklyn, N. Y. Shower curtain holder. 2,188,163; Jan. 23.
Sherman-Jackson-Roose Company. (See Jackson, Thomas E., assignor.)
Sherman-Jackson-Roose Company. (See Sherman, A. G., Jackson, and Roose, assignors.)
Sherman, Jesse B., New York, N. Y., assignor to Radio Corporation of America. Measuring system. 2,203,750; June 11.
Sherman, Jesse B., New York, N. Y., assignor to Radio Corporation of America. Electrode system. 2,213,172; Aug. 27.
Sherman, Jesse B., New York, N. Y., assignor to Radio Corporation of America. Measuring system. 2,215,197; Sept. 17.
Sherman, John Q. (See Metzner, Albert W., assignor.)
Sherman, John Q., Dayton, Ohio, deceased; K. M. Sherman, W. C. Sherman, and W. B. Turner, executors. Thermal manifolding apparatus. 2,187,760; Jan. 23.
Sherman, John Q., deceased, Dayton, Ohio; K. M. and W. C. Sherman, and W. B. Turner, executors. Carbon shifter. 2,215,481; Sept. 24.
Sherman, John Q., deceased, and A. W. Metzner, Dayton, Ohio; said Metzner assignor to said Sherman; K. M. Sherman, W. C. Sherman, and W. B. Turner, executors. Paper feeding mechanism. 2,200,308; May 14.
Sherman, Katherine M., et al., executors. (See Sherman, John Q., assignors.)
Sherman, Katherine M., et al., executors. (See Sherman, J. Q., and Metzner.)
Sherman-Klove Co., The. (See Rueb, Theodore O., assignor.)
Sherman, Laurence R., South Orange, assignor to National Oil Products Company, Harrison, N. J. Textile sizing. 2,207,229; July 9.
Sherman, Louie A., Florissant, assignor to Saftee Torpedo Corporation, St. Louis, Mo. Track torpedo. 2,222,340; Nov. 19.
Sherman, Ralph E., Kelso, Wash. Knitting shuttle. 2,226,982; Dec. 31.
Sherman, Reuel A., assignor to Keystone View Company, Meadville, Pa. Device for testing visual acuity. 2,196,904; Apr. 9.
Sherman, Reuel A., assignor to Keystone View Company, Meadville, Pa. Testing for stereopsis. 2,196,905; Apr. 9.
Sherman, Reuel A., assignor to Keystone View Company, Meadville, Pa. Testing eyes. 2,196,906; Apr. 9.
Sherman, Vernon W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Rectifier. 2,215,667; Sept. 24.

Sherman, Wilfred E. (See Bouvier, A. A., Kostolecki, and Sherman.)
Sherman, William C., et al., executors. (See Sherman, John Q., assignor.)
Sherman, William C., et al., executors. (See Sherman, J. Q., and Metzner.)
Sheron, George W., Topeka, Kans. Mechanical massage device. 2,209,852; July 30.
Sherrard, Earl C., E. Beglinger, J. P. Hohf, and E. Bateman, deceased, by W. T. Bateman, special administrator, Madison, Wis., assignors to Henry A. Wallace, Secretary of Agriculture of the United States of America. Plastic chlorinated vegetable fibrous materials. 2,212,866; Aug. 27.
Sherrard, Earl C., and E. E. Harris, Madison, and J. F. Saeman, Cross Plains, Wis., assignors to Henry A. Wallace, Secretary of Agriculture of the United States of America, and to his successors in office. Hydrogenation of lignin and waste pulp liquors and the products thereof. 2,220,624; Nov. 5.
Sherrick, John C., Chicago, Ill. Golf glove. 2,187,987; Jan. 23.
Sherrill, Alvan C., Barberton, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Conveyer. 2,204,828; June 18.
Sherrill, William M., and P. A. Bryant, Statesville, N. C. Tally. 2,190,126; Feb. 13.
Sherrod, D. S. (See Self, Jesse A., assignor.)
Sherrod, James M., assignor of one-half to W. O. Speight, Memphis, Tenn. Vehicle handling structure. 2,206,791; July 2.
Sherron, Percival H., Jamaica, N. Y. Telephone booth door structure. 2,208,166; July 16.
Sherron, Percival H., Jamaica, N. Y. Adjustable telephone support. 2,215,799; Sept. 24.
Shertenlieb, Albert W., Long Beach, N. Y. Coin control mechanism for electric circuits. 2,221,850; Nov. 19.
Sherts, James H., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Acid-proof container. 2,202,675; May 28.
Sherwin, Arthur. (See Turner, H. C., and Sherwin.)
Sherwin-Williams Company, The. (See Addison, Earl H., assignor.)
Sherwin-Williams Company, The. (See Saunders, H. F., and Adams, assignors.)
Sherwin-Williams Company, The. (See Saunders, H. F., and Penoyer, assignors.)
Sherwin-Williams Company, The. (See Schneider, R. F., Coe, and Ware, assignors.)
Sherwood, Glenn L., assignor to Kaywood Corporation, Benton Harbor, Mich. Sled. 2,199,680; May 7.
Sherwood, Glenn L., assignor to Kaywood Corporation, Benton Harbor, Mich. Sled. 2,223,427; Dec. 3.
Sherwood, Joseph J., and F. A. Pentland, St. Louis, Mo. Extinguishing burning motion picture films. 2,187,988; Jan. 23.
Sheshunoff, Victor. (See Whitfield, M. G., and Sheshunoff.)
Shetler, Fred H., Canton, Ohio. Mailbox receiving door. 2,206,678; July 2.
Shettler, Henry, et al. (See Blocker, Preston B., assignor.)
Shewbridge, Peter F., Chicago, Ill. Garment support. 2,201,744; May 21.
Shiel, John B. (See Johnston, D. F., and Shiel.)
Shield, Lansing P., Ridgewood, N. J. Filling orders in retail stores. 2,217,647; Oct. 8.
Shields, Albert F., Jamaica, N. Y. Infinite variable speed transmission. 2,207,073; July 9.
Shields, Albert F., Jamacia, assignor to S. & S. Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Cutting mechanism. 2,202,872; June 4.
Shields, Charles B., Penn Township, and H. G. Blosser, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,211,174; Aug. 13.
Shields, John M., Jr., assignor to F. H. Noble & Co., Chicago, Ill. Ornamental box. 2,187,183; Jan. 16.
Shields, Robert A. (See Pancake, H. H., and Shields.)
Shields, Robert A., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Car bumper. 2,201,800; May 21.
Shiffler, William H. (See Holm, M. M., and Shiffler.)
Shikler, Frank, Brooklyn, N. Y. Trouser waistband and fastening same. 2,194,100; Mar. 19.
Shimer, John M., assignor to Oil Well Supply Company, Dallas, Tex. Portable boiler. 2,187,632; Jan. 16.
Shimizu, Takeo, and M. Hirata, assignors to Zaidan Hojin Rikagaku, Kenkyujo, Tokyo, Japan. Apparatus for starting an electric spark. 2,220,551; Nov. 5.
Shinberg, Barney. (See Shrager, H., and Shinberg.)
Shinberger, John B., Norfolk, Va. Military hat box. 2,199,716; May 7.
Shiner, Frank A., Franklin, Mass. Bath mat and the like. 2,217,821; Oct. 15.
Shinn, Byron H., assignor to Shinn Devices Company, Butler, Pa. Brake mechanism. 2,214,911; Sept. 17.
Shinn Devices Company. (See Shinn, Byron H., assignor.)
Shipley, Bernis M., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,210,099; Aug. 6.
Shipley, Calvin W., Hammond, assignor to O. F. Jordan Company, East Chicago, Ind. Railroad spreader. 2,214,207; Sept. 10.
Shipley, Lawrence H. (See Bogue, George E., assignor.)
Shipley, Roy A., Dormont, assignor to National Fireproofing Corporation, Pittsburgh, Pa. Glazing hollow clay bodies. 2,212,622; Aug. 27.
Shipley, Sylvanus C., and B. Cyr, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motor operated mechanism. 2,222,990; Nov. 26.
Shipley, Walter C., Hartford, Conn. Educational device. 2,221,303; Nov. 12.
Shipman, Bennet C., San Mateo, Calif., assignor to Servel, Inc., New York, N. Y. Air cooling and conditioning apparatus. 2,211,033; Aug. 13.
Shipman, Emanuel F., Philadelphia, and W. Stader, Perkasie, Pa. Lifting implement. 2,209,424; July 30.
Shipman, Orville E., Rossville, Ind. Fishhook. 2,209,300; July 23.
Shipman, Ralph, Sunbury, Pa. Spindle and mounting. 2,221,725; Nov. 12.
Shipman, Ralph, Sunbury, Pa., assignor to Universal Winding Company, Boston, Mass. Cop winding machine. 2,206,582; July 2.
Shipp, Roy C., assignor to Railpullers Incorporated, Hammond, Ind. Device for taking up railways. 2,223,534; Dec. 3.
Shipp, Vladimir L., New York, A. H. Boenau, Sunnyside, and J. W. Ramsay, Malverne, N. Y., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Manufacture of asphalts. 2,215,074; Sept. 17.
Shippee, Carl C. (See Shippee, Winsor and C. C.)
Shippee, Winsor and C. C., Red Bank, N. J. Fastening device. 2,204,829; June 18.
Shipway, George E., Noroton, Conn., and L. M. Steuber, Washington, D. C., assignors to Johns-Manville Corporation, New York, N. Y. Adjustable frame. 2,185,650; Jan. 2.
Shiranezawa, Kosuke, Yonezawa-Shi, Japan. Woven fabrics. 2,189,370; Feb. 6.
Shiras, Russell N. (See Greensfelder, B. S., and Shiras.)
Shirley, Harvey J., Norwood, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Automatic control for the roll pressure device of flatwork ironers. 2,211,609; Aug. 13.
Shirley, Harvey J., Norwood, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Automatic control for the roll pressure device of flatwork ironers. 2,211,610; Aug. 13.
Shirley, James C., Chattanooga, Tenn. Internal combustion engine. 2,205,675; June 25.
Shirley, James W., et al. (See Bristol, G., and Wilsher, assignors.)
Shirley, Loyd E., assignor to The C. S. Bell Co., Hillsboro, Ohio. Grinding mill. 2,217,568; Oct. 8.
Shively, John J., and H. H. Cudmore, New York, N. Y., assignors to H. R. Van Deventer Inc. Liquid filter. 2,224,577; Dec. 10.
Shively, Walter L., Hamden, Conn., and E. V. Harlow, Philadelphia, Pa., assignors, by mesne assignments, to Koppers Company. Gas treating apparatus. 2,195,431; Apr. 2.
Shmidl, Albert J., Greens Bayou Park, and J. M. Smith, Houston, Tex., assignors to Standard Oil Development Company. Inhibiting agent for gasoline and producing same. 2,213,596; Sept. 3.
Shockey, Roy D., Trenton, Mo. Case carrier. 2,211,391; Aug. 13.
Shockley, William, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,207,355; July 9.
Shoe Chassis, Inc. (See Bastable, Edward H., assignor.)
Shoe Form Co. (See De Witt, William J., assignor.)
Shoe Form Co. (See De Witt, W. J., Goodfellow, and Sims, assignors.)
Shoe Lace Company. (See Dagdigian, Aram, assignor.)
Shoemaker, Alvin H., assignor of one-half to J. G. Smith, Seattle, Wash. Pneumatic tire. 2,186,178; Jan. 9.
Shoemaker, Bernard H. (See Batchelder, H. R., and Shoemaker.)
Shoemaker, Bernard H. (See Loane, C. M., and Shoemaker.)
Shoemaker, Bernard H., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Stable mineral oil and preparing the same. 2,195,659; Apr. 2.
Shoemaker, Bernard H., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Solid catalyst disposal. 2,223,643; Dec. 3.
Shoemaker, Bernard H., and C. M. Loane, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricating oil. 2,191,996; Feb. 27.
Shoemaker, Bernard H., and H. R. Batchelder, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Preparation of organic sulphur compounds. 2,211,990; Aug. 20.
Shoemaker, Charles S. (See Bishop, F., and Shoemaker.)
Shoemaker, Charles S., Jeannette, assignor to American Window Glass Company, Pittsburgh, Pa. Coating glass sheets. 2,224,236; Dec. 10.
Shoemaker, Malcolm G., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Liquid congealing apparatus. 2,196,331; Apr. 9.

Shoemaker, Richard W., Woodbury, Conn., and J. A. Parks, Jr., Rochester, N. Y., assignors to Anderson Products, Inc., Cambridge, Mass. Air valve for radiators. 2,222,324; Nov. 19.
Shoemaker, Robert J., Chicago, Ill. Lead alloy bearing metal. 2,210,504; Aug. 6.
Shoemaker, Robert W., Anderson, Ind., assignor to A. J. R. Greer, Morgantown, W. Va. Treatment of metals. 2,218,557; Oct. 22.
Shoetensack, Hideo M., Shibuya-Ku, Tokyo-Shi, Japan. Production of virus vaccine for treatment of canine distemper. 2,202,435; May 28.
Shofstall, Norton F., Stratford, Conn., assignor to General Electric Company. Signal system. 2,195,290; Mar. 26.
Shofstall, Norton F., Stratford, Conn., assignor to General Electric Company. Automatic volume control system. 2,199,350; Apr. 30.
Shofstall, Norton F., Stratford, Conn., assignor to General Electric Company. Control circuit. 2,210,781; Aug. 6.
Shofstall, Norton F., Stratford, Conn., assignor to General Electric Company. Signaling system. 2,223,188; Nov. 26.
Sholes, Justin G., assignor to The Ohio Chemical and Manufacturing Company, Cleveland, Ohio. Valve handle of compressed gas tanks. 2,200,999; May 14.
Shomaker, Wesley P., Richmond, Va. Web cutting mechanism. 2,186,884; Jan. 9.
Shomaker, Wesley P., Richmond, Va. Envelope. 2,189,273; Feb. 6.
Shonle, Horace A., assignor to Eli Lilly and Company, Indianapolis, Ind. Aliphatic-sulphonate salts of therapeutically active bases. 2,215,940; Sept. 24.
Shonle, Horace A., and W. J. Doran, assignors to Eli Lilly and Company, Indianapolis, Ind. Crotyl 1-methylpropyl thiobarbituric compound, and producing it. 2,216,560; Oct. 1.
Shonle, Horace A., and W. J. Doran, assignors to Eli Lilly and Company, Indianapolis, Ind. Crotyl 1-methylbutyl thiobarbituric compound and producing it. 2,216,561; Oct. 1.
Shonnard, Harold W., Montclair, N. J. Hoisting mechanism for vehicles. 2,203,310; June 4.
Shonnard, Harold W., Montclair, N. J. Conveyer mechanism. 2,204,236; June 11.
Shook, Florain J., Akron, Ohio, assignor to National Standard Company, Niles, Mich. Apparatus for making bead cores for pneumatic tires. 2,190,805; Feb. 20.
Shook, Jacob W., assignor to Titan Metal Manufacturing Company, Bellefonte, Pa. Plumbing fiture. 2,196,783; Apr. 9.
Shook, Jacob W., assignor to The Titan Metal Manufacturing Company, Bellefonte, Pa. Shower bath fixture. 2,197,667; Apr. 16.
Shook, Robert L. (See Owsley, W. D., and Shook.)
Shopneck, Henry P., New York, N. Y. Manufacturing a water-laid felt. 2,198,232; Apr. 23.
Shore, Henry, Brooklyn, N. Y., assignor to Radio Corporation of America. Facsimile recorder. 2,191,867; Feb. 27.
Shore, Henry, Brooklyn, N. Y., assignor to Radio Corporation of America. Noise suppression. 2,199,190; Apr. 30.
Shore, Henry, Elizabeth, N. J., assignor to Radio Corporation of America. Photoamplifier system. 2,203,882; June 11.
Shore, Henry, Elizabeth, N. J., assignor to Radio Corporation of America. Oscillatory circuits. 2,220,689; Nov. 5.
Shore, Richard B., assignor of forty-nine one-hundredths to E. Nelson, Oelwein, Iowa. Inner buffer for tires. 2,224,066; Dec. 3.
Short, Byron O., Pierce City, Mo. Cultivator. 2,188,644; Jan. 30.
Short, Charles R., Clermont, Fla., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Bearing. Re. 21,495; June 25.
Short, Graham H. (See Schulze, W. A., and Short.)
Short, Graham H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Stabilizing hydrocarbon oil which has been sweetened with a reagent containing copper. 2,216,856; Oct. 8.
Short, Ira, Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reduction gear. 2,201,247; May 21.
Short, Ira, Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Gear lubrication apparatus. 2,214,485; Sept. 10.
Short, Ira, Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reduction gearing. 2,221,415; Nov. 12.
Short, J. R., Milling Company. (See Renner, H. O., and Haas, assignors.)
Short, Loyal C. (See Newman, A. I., and Short.)
Short, Ralph A., Champaign, Ill. Bottle wiper. 2,197,596; Apr. 16.
Short, Robert Q., Honolulu, Hawaii. Automobile jack. 2,207,640; July 9.
Short, Walter C., Fort Hamilton, N. Y., and R. G. Howie and M. C. Wiley, Fort Benning, Ga. Wheel structure. 2,186,996; Jan. 16.
Short, Walter C., Fort Hamilton, N. Y., and R. G. Howie and M. C. Wiley, Fort Benning, Ga. Vehicle. 2,195,432; Apr. 2.
Shott Manufacturing Company, The. (See Hall, Ralph W., assignor.)
Shotter, George F., Friern Barnet, England. Electric motor. 2,204,916; June 18.
Shotton, John C., Cleveland, Ohio. Bait casting device. 2,225,719; Dec. 24.
Shough, Philip J., New York, N. Y. Combination flashlight oil gauge rod wiper. 2,222,303; Nov. 19.
Shoults, David R., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,186,843; Jan. 9.
Shoup, Ransom F., Ardmore, assignor to The Shoup Voting machine Corporation, Philadelphia, Pa. Voting machine. 2,191,086; Feb. 20.
Shoup, Ransom F., Ardmore, assignor to The Shoup Voting Machine Corporation, Philadelphia, Pa. Voting machine. 2,215,110; Sept. 17.
Shoup, Ransom F., Ardmore, assignor to The Shoup Voting Machine Corporation, Philadelphia, Pa. Voting machine. 2,216,458; Oct. 1.
Shoup Voting Machine Corporation, The. (See Shoup, Ransom F., assignor.)
Showa Sangyo Kabushiki Kaisha. (See Kajita, T., and Inoue, assignors.)
Showa Sangyo Kabushiki Kaisha, Tsurumiku. (See Kajita, T., Inoue, and Yamamouchi, assignors.)
Showers, Harry N., Williamsport, Pa. Vegetable washer. 2,218,686; Oct. 22.
Showerway Company, The. (See Krolop, Walter W., assignor.)
Shpater, David, Brooklyn, N. Y. Gauge attachment for sewing machines. 2,186,885; Jan. 9.
Shrager, Hymen, and B. Shinberg, Lawrence, assignors to Atlas Shoe Products Corporation, Lowell, Mass. Thermoplastic composition. 2,206,434; July 2.
Shreffler, Clarence E., Beloit, Wis. Ductor roller control for printing presses. 2,195,829; Apr. 2.
Shreffler, Elwyne O., and A. D. Lesage, Manteno, Ill. Brake mechanism. 2,197,321; Apr. 16.
Shreffler, Elwyne O., and A. D. Lesage, Manteno, Ill. Clutch attachment. 2,201,838; May 21.
Shremp, Raymond M., Zelienople, assignor to Lava Crucible Company of Pittsburgh, Pittsburgh, Pa. Graphite refractory article. 2,222,184; Nov. 19.
Shreve, C. Dudley. (See Ridgely, James O., assignor.)
Shreve, Randolph N., West Lafayette, Ind., and M. J. Skeeters, Pittsburgh, Pa., assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Preparing pyridylmercuric salts. 2,206,309; July 2.
Shreve, Randolph N., West La Fayette, Ind., and M. W. Swaney, Bloomfield, N. J., assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Composition for and method of devitalizing microorganisms. 2,216,140; Oct. 1.
Shrigley, Alfred R. (See Stafford, W. K., and Anderson, assignors.)
Shriver, Everett C., Enid, Okla. Fifth wheel. 2,193,744; Mar. 12.
Shriver, George W., Youngstown, Ohio. Adjusting locomotive bearings and the like. 2,224,065; Dec. 3.
Shryock, Harry W., Northport, Wash. Rotary electric shaver. 2,196,599; Apr. 9.
Shubart, Rudolph, et al. (See Geiger, David F., assignor.)
Shuffty, John S., Trinidad, Colo. Fiddle bow. 2,198,182; Apr. 23.
Shuger, John K., et al. (See White, Frank M., assignor.)
Shular, Joseph L., East Stone Gap, Va. Sampling device. 2,208,167; July 16.
Shuler, Harry V., assignor of twenty per cent to F. Miller, Ontario, Oreg. Rotary brush. 2,209,853; July 30.
Shullaw, Sherman E., Peoria, Ill. Hat or cap holder. 2,196,945; Apr. 9.
Shultz, Clarence R., Independence, Kans. Combination game apparatus. 2,200,456; May 14.
Shultz, Clarence R., Independence, Kans. Target painting device. 2,200,457; May 14.
Shultz, Edward H., Jr., Chicago, Ill., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Pressed metal sheave. 2,200,245; May 14.
Shultz, Jesse A., St. Joseph, Mo. Hydraulic transmission. 2,218,896; Oct. 22.
Shumaker, Julius L., Martel, Ohio. Loading fork. 2,190,573; Feb. 13.
Shuman, David M. (See Carelli, Sam, assignor.)
Shumway, Jay C., Pittsburgh, Pa. Terminal. 2,191,503; Feb. 27.
Shunk, John Q. (See Birk, William C., assignor.)
Shupe, Greek S., Fort Stockton, Tex. Pump. 2,215,164; Sept. 17.
Shure Brothers. (See Baumzweiger, Benjamin, assignor.)
Shure, S. N. (See Baumzweiger, Benjamin, assignor.)
Shure, Samuel J., St. Louis, Mo. Air conditioning system. 2,212,356; Aug. 20.
Shurley, Frederick, Windsor, Ontario, Canada, assignor, by mesne assignments, to Guthrie Ceramic Labelling & Machinery Co., Inc., Dover, Del. Multiple printing plate and actuating means therefor. 2,186,914; Jan. 9.

Shurley, Frederick, Windsor, Ontario, Canada, assignor, by mesne assignments, to Guthrie Ceramic Labelling & Machinery Co.,Inc., Dover, Del. Registering and holding device for multicolor printing. 2,211,175; Aug. 13.
Shurley, Frederick, Windsor, Ontario, Canada, assignor to Guthrie Ceramic Labelling & Machinery Co., Inc., Dover, Del. Printing machine for printing variable areas simultaneously. 2,219,603; Oct. 29.
Shuron Optical Company. (See Lockhart, William A., assignor.)
Shuron Optical Company. (See Long, Eli M., assignor.)
Shuron Optical Company. (See Lueck, Edward J., assignor.)
Shuron Optical Company. (See Nelson, John N., assignor.)
Shurtleff, Wilfred, assignor to The Herman Nelson Corporation, Moline, Ill. Air conditioning apparatus. 2,220,355; Nov. 5.
Shurts, Englebert, assignor to Strauss Electric Appliance Company, Waukesha, Wis. Dairy appliance. 2,190,165; Feb. 13.
Shurts, Englebert, assignor to Strauss Electric Appliance Company, Waukesha, Wis. Dairy equipment. 2,201,634; May 21.
Shuster, F. B., Company, The. (See Grimshaw, Sydney, assignor.)
Shutt, Charles C., Lima, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Angle switching device for synchronizing two synchronous motors. Re. 21,629; Nov. 19.
Shutt, Charles C., Lima, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Phase indicating means. 2,200,103; May 7.
Shutt, Charles C., East McKeesport, and J. W. Dawson, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Starting control for synchronous motors. 2,205,222; June 18.
Shutt, Charles C., East McKeesport, and J. W. Dawson, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Starting control for synchronous motors. 2,205,223; June 18.
Shutt, Charles C., East McKeesport, and J. W. Dawson, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Starting control for synchronous motors. 2,205,224; June 18.
Shutts, Leroy W., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Humidity compensated thermostat. 2,191,630; Feb. 27.
Shutts, Leroy W. Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Cooling system pressure control device. 2,226,022; Dec. 24.
Shutts, Leroy W., and P. S. Rosenberg, Lockport, N. Y., assignors to General Motors Corporation, Detroit, Mich. Brazing of thin metal structures. 2,191,631; Feb. 27.
Shwom, Edward. (See Shwom, Hyman and E.)
Shwom, Hyman and E., Brooklyn, N. Y. Making dip coated jelly containing food products. 2,198,726; Apr. 30.
Sias, Richard, assignor to American Machinery Corporation, Orlando, Fla. Apparatus for treating fruit. 2,221,682; Nov. 12.
Sibel, Vernon J., Iowa City, Iowa. Cultivator. 2,221,332; Nov. 12.
Sibley, Barrett E., assignor to Continental Oil Company, Ponca City, Okla. Vapor lock eliminator. 2,189,658; Feb. 6.
Sibley, Brace H. (See Twining, E. S., and Sibley.)
Sibley, Charles R., Marblehead, assignor to Sibley-Pym Corporation, Lynn, Mass. Winding machine. 2,193,044; Mar. 12.
Sibley, Edward W., Kenmore, assignor to Remington Rand Inc., Buffalo, N. Y. Typewriting and like machine. 2,225,356; Dec. 17.
Sibley, Edward W., Kenmore, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield wiper arm. 2,226,358; Dec. 24.
Sibley, Leon T., Rutherford, N. J., assignor to Alfol Insulation Company, Inc. Laminated sheet material. 2,189,409; Feb. 6.
Sibley, Paul, assignor to Worcester Taper Pin Company, Worcester, Mass. Float valve mechanism. 2,220,294; Nov. 5.
Sibley-Pym Corporation. (See Sibley, Charles R., assignor.)
Sibley, Robert L., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Rubber composition and preservation of rubber. 2,204,870; June 18.
Sibley, Robert L., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Preservation of rubber. 2,216,524; Oct. 1.
Sibley, Robert L., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Rubber composition and preservation of rubber. 2,221,207; Nov. 12.
Sibley, Robert L., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Stabilized soap. 2,221,333; Nov. 12.
Sichère, René M., Long Island City, N. Y. Imitation pinked piping. 2,211,707; Aug. 13.
Siciliano, Leo A., Johnstown, Pa. Toy. 2,196,429; Apr. 9.
Sickel, Helmut, Leipzig, Germany. Screwing device for screw-stoppered vessels. 2,202,302; May 28.
Sickinger, William H., Chicago, assignor to Crown Stove Works, Cicero, Ill. Cooking oven and heat control therefor. 2,224,552; Dec. 10.
Siclari, Nicholas J., St. George, Staten Island, N. Y. Valve. 2,216,459; Oct. 1.
Side, Frederick W., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,191,997; Feb. 27.
Siderits, Thomas, Milwaukee, Wis. Stone cutter. 2,188,318; Jan. 30.
Sidler, Paul. (See Altorfer, Henri, assignor.)
Siebecker, William P., San Mateo, and A. J. Saarinen, assignors to Granberg Meter Corporation, San Francisco, Calif. Rotary meter. 2,197,322; Apr. 16.
Siebenlist, Anthony G., assignor to Milcor Steel Company, Milwaukee, Wis. Lock joint for sheet metal. 2,201,409; May 21.
Siebert, Arthur. (See Fischer, E., Lang, and Siebert.)
Siebert, Ernst, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Manufacturing selenium rectifiers. 2,221,614; Nov. 12.
Siebert, Ernst, and W. Kafka, Berlin-Siemensstadt, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Method and device for cooling metallic dry rectifier elements. 2,189,617; Feb. 6.
Siebert, Henry R., Salt Lake City, Utah, assignor to American Smelting and Refining Company, New York, N. Y. Furnace arch construction. 2,206,679; July 2.
Siebert, Jack A. (See Reynolds, F. L., Markel, and Siebert.)
Siebert, Karl, Berlin-Grunewald, assignor to Siemens and Halske Aktiengesellschaft, Berlin, Siemensstadt, Germany. Electron multiplier. 2,187,184; Jan. 16.
Siebertz, Karl, Berlin-Grunewald, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electric discharge device. 204,999; June 18.
Siebler, Oscar, and W. Boxan, Zschopau, assignor to Auto Union Aktiengesellschaft, Chemnitz, Germany. Springing arrangement. 2,199,896; May 7.
Siebler, Oscar, Zwickau, and W. Boxan, Zschopau, assignors to Auto Union Aktiengesellschaft, Chemnitz, Germany. Springing arrangement. 2,202,436; May 28.
Siebler, Oscar, Zwickau, and W. Boxan, Zschopau, Germany. Springing arrangement. 2,212,458; Aug. 20.
Sieck, Paul M., and R. M. Holloway, Mission, Tex. Fluid lift. 2,186,886; Jan. 9.
Siedle, Arnold D. (See Kitto, W. H., and Siedle.)
Siedle, Arnold D. (See Nelson, R. S., and Siedle.)
Siedle, Arnold D., Canton, assignor to The Hoover Company, North Canton, Ohio. Control for refrigerating systems. 2,200,309; May 14.
Siedle, Arnold D., Canton, assignor to The Hoover Company, North Canton, Ohio. Continuous absorption refrigeration. 2,220,295; Nov. 5.
Siedle, Arnold D., Canton, assignor to The Hoover Company, North Canton, Ohio. Absorption refrigerating system. 2,224,201; Dec. 10.
Siedle, Arnold D., and W. H. Kitto, Canton, assignors to The Hoover Company, North Canton, Ohio. Control for refrigeration systems. 2,203,509; June 4.
Siefermann, Emil, assignor to Gritzner-Kayser A.-G., Karlsruhe-Durlach, Germany. Material presser for sewing machines. 2,227,327; Dec. 31.
Siefken, George R., New York, N. Y. Ventilator. 2,200,045; May 7.
Siegel, Alfred, Roselle, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyestuffs and producing same. 2,212,956; Aug. 27.
Siegel, Alfred, Roselle, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,225,664; Dec. 24.
Siegel, Alfred, Roselle, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo pigment and coating composition containing the same. 2,225,665; Dec. 24.
Siegel, David, Commack, N. Y. Knitting. 2,219,240; Oct. 22.
Siegel, David T., Chicago, Ill. Making resistance elements. 2,200,521; May 14.
Siegel, Jack. (See Wick, Joseph E., assignor.)
Siegel, James C., New York, N. Y. Furniture lock. 2,202,539; May 28.
Siegel, Jane, New York, N. Y. Moistening apparatus for sealing adhesive surfaces and the like. 2,204,190; June 11.
Siegenheim, Max, Zittau, assignor to the firm M. Rudolf Jahr, Gera, Germany. Process and device for the determination and regulation of the moisture content of lengths of material. 2,189,352; Feb. 6.
Siegenthaler, Walter, assignor to the firm Schärer-Nussbaumer & Co., Erlenbach, Switzerland. Device for interchanging empty bobbins for full bobbins in winding machines. 2,225,848; Dec. 24.
Sieger, Lawrence J. (See Wesley, A., and Sieger.)
Siegert, Ludwig, Berlin-Siemensstadt, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie mit beschrankter Haftung, Berlin, Germany. Amplifier circuits. 2,217,297; Oct. 8.
Siegert, Walter, assignor to Howard Foundry Co., Chicago, Ill. Making abrasive castings. 2,204,453; June 11.

Siegfried, Claus, Dusseldorf, Germany, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Apparatus for making slivers or the like. 2,202,030; May 28.
Siegler, Richard A., Oak Park, Ill. Heating plug. 2,223,969; Dec. 3.
Siegling, Ernst, Hanover, Germany. Belt drive. 2,214,541; Sept. 10.
Sieglitz, Adolf. (See Wilmanns, G., Sieglitz, and Fröhlich.)
Siegmund, Herbert. (See Melzer E., Siegmund, and Kalep.)
Siegrist, Carl J., Stockton, Kans. Game apparatus. 2,204,321; June 11.
Siekmann, Harold J. (See Groene, W. F., and Siekmann.)
Siekmann, Harold J. (See Groene, W. F., and Siekmann, assignors.)
Sieling, E. H. (See Bell, John W., assignor.)
Siemens, Alfred, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Metal vapor or noble gas rectifier. 2,210,689; Aug. 6.
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Barth, Gustav, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Blattmann, Eugen, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung. (See Brandt, Hermann, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Fieber, Karl W., assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Fischel, Eduard, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Fischel, E., and Lauck, assignors.)
Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung. (See Fischel, E., and Thiry, assignors.)
Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung. (See Freystedt, Erich, assignor.)
Siemens Apparate und Maschinen (Gesellschaft mit beschrankter Haftung). (See Gosslau, F., and Schmidt.)
Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung. (See Heymann, Otto, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Klauer, Fritz, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung. (See Köster, Paul E., assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Langgässer, Heinrich, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Langgasser, H., and Fischer, assignors.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Lauck, Friedrich, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Lauck, F., and Hengsbach, assignors.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Marggraf, Kurt, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Obermeier, Pius, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Roland, Heinrich, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Roland, H., and Thiry, assignors.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Roland, H., Schnapperelle, and Lauck, assignors.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Saur, Karl, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Schmettow, Erich, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung. (See Thiry, Johannes, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Voigt, Waldemar, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Volkmann, Kurt, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See von Freydorf, Rudolf, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Wenzky, Karl, assignor.)
Siemens Brothers & Company Limited. (See Hensler, Bernard A., assignor.)
Siemens Brothers & Company Limited. (See Humphries, H. E., assignor.)
Siemens & Halske Aktiengesellschaft. (See Abraham, Kurt, assignor.)
Siemens and Halske, Aktiengesellschaft. (See Bähr, Ernst, assignor.)
Siemens & Halske Aktiengesellschaft. (See Baloun, Kurt, assignor.)
Siemens & Halske Aktiengesellschaft. (See Bauer, Rudolf, assignor.)
Siemens & Halske Aktiengesellschaft. (See Bendel, Hermann, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Biniek, Georg, assignor.)
Siemens & Halske Aktiengesellschaft. (See Dähling, Heinz, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Dressler, M., and Skawran, assignors.)
Siemens and Halske Aktiengesellschaft. (See Egerland, Wolfgang, assignor.)
Siemens & Halske Aktiengesellschaft. (See Feist, E., and Nebelung, assignors.)
Siemens & Halske, Aktiengesellschaft. (See Fischer, Ernst and J., and Gabriel, Lintzel, and Menke, assignors.)
Siemens & Halske, Aktiengesellschaft. (See Fischer, J., and Richter, assignors.)
Siemens & Halske Aktiengesellschaft. (See Garthe, Heinrich, assignor.)
Siemens & Halske Aktiengesellschaft. (See Gerlach, Erwin, assignor.)
Siemens & Halske Aktiengesellschaft. (See Geyger, Wilhelm, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Grüss, H., Kähle, and Lieneweg, assignors.)
Siemens & Halske, Aktiengesellschaft. (See Hellmann, R., Heymann, and Tuczek, assignors.)
Siemens & Halske Aktiengesellschaft. (See Hinsch, Wilhelm, assignor.)
Siemens-Halske, Aktiengesellschaft. (See Hölzler, Erwin, assignor.)
Siemens & Halske Aktiengesellschaft. (See Jauch, Eugen, assignor.)
Siemens & Halske Aktiengesellschaft. (See Kerschbaum, Hans, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Klement, Franz, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Kniepkamp, Heinrich, assignor.)
Siemens-Schuckertwerke Aktiengesellschaft. See Koppelmann, F., and Mattern, assignors.)
Siemens & Halske, Aktiengesellschaft. (See Krambeer, Karl H., assignor.)
Siemens & Halske, Aktiengesellschaft. (See Krambeer, Karl-Heinrich, assignor.)
Siemens & Halske Aktiengesellschaft. (See Krenzien, Otto, assignor.)
Siemens & Halske Aktiengesellschaft. (See Küpfmüller, Karl, assignor.)
Siemens & Halske Aktiengesellschaft. (See Langer, M., and Horn, assignors.)
Siemens & Halske Aktiengesellschaft. (See Langer, M., and Zapf, assignors.)
Siemens & Halske Aktiengesellschaft. (See Lehne, T., Schluckebier, Thomas, and Wassmansdorff, assignors.)
Siemens & Halske Aktiengesellschaft. (See Lill, Friedrich, assignor.)
Siemens & Halske Aktiengesellschaft. (See Lill, F., and Pinell, assignors.)
Siemens & Halske, Aktiengesellschaft. (See Link, Simon, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Maurer, Georg, assignor.)
Siemens & Halske Akt. (See Mayer, Hans, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Müller, Erwin, assignor.)
Siemens & Halske Aktiengesellschaft. (See Müller, Konrad, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Orth, Erich, assignor.)
Siemens & Halske Aktiengesellschaft. (See Pfannschmidt, Rudolf, assignor.)
Siemens & Halske Aktiengesellschaft. (See Pfleiderer, F., and Seiffert, assignors.)
Siemens & Halske Aktiengesellschaft. (See Pützer, Alfred, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Rohde, Lothar, assignor.)
Siemens & Halske Aktiengesellschaft. (See Sell, Helmut, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Siebertz, Karl, assignor.)
Siemiens & Halske, Aktiengesellschaft. (See Steiner, Otto, assignor.)
Siemens & Halske Aktiengesellschaft. (See Thierbach, Dietwald, assignor.)
Siemens & Halske Aktiengesellschaft. (See Töpfer, Herbert, assignor.)
Siemens & Halske Aktiengesellschaft. (See Urban, Richard, assignor.)
Siemens & Halske Aktiengesellschaft. (See von König, Hermann-Ernst, assignor.)
Siemens & Halske Aktiengesellschaft. (See von Pichler-Tennenberg, Alarich, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Werrmann, Hellmut, assignor.)
Siemens & Halske Aktiengesellschaft. (See Wochinger, Eduard, assignor.)
Siemens & Halske Aktiengesellschaft. (See Wolak, Kurt, assignor.)
Siemens & Halske Aktiengesellschaft. (See Wüstenberg, Herbert, assignor.)

Siemens & Halske Aktiengesellschaft of Wernerwerk. (See Wochinger, Eduard, assignor.)
Siemens-Reiniger-Werke Aktiengesellschaft. (See Bischoff, K., and Silbermann, assignors.)
Siemens-Reiniger-Werke Aktiengesellschaft. (See Kunz, H., and Berger, assignors.)
Siemens-Reiniger-Werke Aktiengesellschaft. (See Pätzold, J., and Betz, assignors.)
Siemens-Reiniger-Werke Aktiengesellschaft. (See Raab, Leonhard, assignor.)
Siemens-Reiniger-Werke Aktiengesellschaft. (See Silbermann, Karl, assignor.)
Siemens, Rudolf H. (See Beizer, H. H., and Siemens.)
Siemens, Rudolph H., Richmond Hill, N. Y., assignor to Radio Corporation of America. Oscillation generator circuit. 2,192,205; Mar. 5.
Siemens-Schuckertwerke Aktiengesellschaft. (See Blase, Karl, assignor.)
Siemens-Schuckertwerke Aktiengesellschaft. (See Hintze, Rudolf, assignor.)
Siemens-Schuckertwerke Aktiengesellschaft. (See Janetschke, Erwin, assignor.)
Siemens-Schuckertwerke Aktiengesellschaft. (See Kesselring, Fritz, assignor.)
Siemens-Schuckertwerke Aktiengesellschaft. (See Koppelmann, Floris, assignor.)
Siemens-Schuckertwerke Aktiengesellschaft. (See Müller Hans, assignor.)
Siemens-Schuckertwerke Aktiengesellschaft. (See Siemens, Alfred, assignor.)
Siemens-Schuckertwerke Aktiengesellschaft. (See Stassinet, Theodor, assignor.)
Siemers, Gustav F., Berkeley, Calif., assignor of one-half to McKesson & Robbins, Inc., Bridgeport, Conn., and one-half to The Vitab Corporation. Adsorbate and making the same. 2,188,319; Jan. 30.
Siemss, John W., Hamburg, Germany. Apparatus for the production of spring clips. 2,195,743; Apr. 2.
Siemund, Herman, assignor to Greenview Manufacturing Company, Chicago, Ill. Floor scraper. 2,193,571; Mar. 12.
Siess, Henry J., and J. E. Casse, assignors to Crawford Door Company, Detroit, Mich. Upward acting door with cable actuating mechanism. 2,201,635; May 21.
Siess, Henry J., and J. E. Casse, assignors to Crawford Door Company, Detroit, Mich. Cable actuated upward acting door. 2,201,636; May 21.
Sievers, Albert, and H. Sievers, Meppen, Ill. Harvester attachment. 2,210,219; Aug. 6.
Sievers, Henry. (See Sievers, Albert, and H.)
Sievert, Rudolf, et al., executors. (See Laise, Clemens A.)
Sifakas, Constantin A., New York, N. Y. Poultry nest. 2,204,284; June 11.
Sifico, A. G. (See Hollaender, Max B., assignor.)
Sifkovitz, George, assignor to The George Valve Company, Saegertown, Pa. Valve structure. 2,213,998; Sept. 10.
Sifkovitz, George, assignor to The George Valve Company, Saegertown, Pa. Packless valve assembly. 2,213,999; Sept. 10.
Sifkovitz, George, assignor to The George Valve Company, Saegertown, Pa. Valve operating mechanism. 2,214,000; Sept. 10.
Siggelko, Edgar S., Rochester, N. Y. Pencil sharpening machine. 2,189,476; Feb. 6.
Sight Light Corporation, The. (See Doane, Leroy C., assignor.)
Sigmond, David, Brooklyn, N. Y. Pressing apparatus. 2,222,269; Nov. 19.
Signacator Systems, Inc. (See Metcalf, Herbert E., assignor.)
Signacator Systems, Inc. (See Trautner, Wagn, assignor.)
Signaigo, Frank K. (See Lazier, W. A., and Signaigo.)
Signal Engineering & Manufacturing Company. (See Terjesen, Tellef A., assignor.)
Signal Engineering & Manufacturing Company. (See Wheelock, John H., assignor.)
Signal Engineering & Manufacturing Company. (See Wheelock, J. H., and Scherma, assignors.)
Signaling Systems Incorporated. (See Graham, Harold J., assignor.)
Signaphone Corporation of America. (See Lightfoot, Richard D., assignor.)
Signarovitz, George. (See Hilmer, M., and Signarovitz.)
Signode Steel Strapping Company. (See Frear, Jenness B., assignor.)
Signode Steel Strapping Company. (See Leslie, John W., assignor.)
Signode Steel Strapping Company. (See Marchev, Alfred, assignor.)
Signode Steel Strapping Company. (See Moon, John M., assignor.)
Signode Steel Strapping Company. (See Pagel, Albert F., assignor.)
Sigoda, Victor J., Brooklyn, assignor to Man-Sew Pinking Attachment Corp., New York, N. Y. Operating means for pinking devices. 2,189,965; Feb. 13.
Sigoda, Victor J., Brooklyn, assignor to Man-Sew Pinking Attachment Corp., New York, N. Y. Pinking machine. 2,215,302; Sept. 17.
Sigoda, Victor J., Brooklyn, assignor to Man-Sew Pinking Attachment Corp., New York, N. Y. Pinking machine. 2,215,303; Sept. 17.

Sikkema, Jennie, et al. (See Linstra, Ralph, assignor.)
Sikkema, Orie, et al. (See Linstra, Ralph, assignor.)
Sikora, Edward, Buffalo, N. Y. Hair clipper. 2,214,069; Sept. 10.
Sikorsky, Igor I., Trumbull, assignor to United Aircraft Corporation, East Hartford, Conn. Airplane control. 2,190,340; Feb. 13.
Silard, Bela A. (See Kalmus, H. P., and Silard.)
Silberfeld, Theresa. (See Bois, Nathaniel, assignor.)
Silbermann, Karl. (See Bischoff, K., and Silbermann.)
Silbermann, Karl, Erlangen, assignor to The firm Siemens-Reiniger-Werke Aktiengesellschaft, Berlin, Germany. Roentgen apparatus. 2,215,744; Sept. 24.
Silbert, Carl, Chelsea, Mass. Ear-tight bathing cap. 2,215,198; Sept. 17.
Silent Sioux Oil Burner Corporation. (See Grotenhuis, James T., assignor.)
Silex Company, The. (See Becher, Wesley R., assignor.)
Silex Company, The. (See Talmadge, Louis H., assignor.)
Silex Company, The. (See Wolcott, Frank E., assignor.)
Sill, Gurdon G. (See Krause, R. F., and Sill.)
Silliman, Horace F., assignor to The American Brass Company, Waterbury, Conn. Producing boron-copper alloys. 2,195,433; Apr. 2.
Silliman, Horace F., assignor to The American Brass Company, Waterbury, Conn. Copper alloy. 2,195,434; Apr. 2.
Silliman, Horace F., assignor to The American Brass Company, Waterbury, Conn. Copper alloy. 2,195,435; Apr. 2.
Silsby, Charles F., White Plains, assignor to The Solvay Process Company, Syracuse, N. Y. Moistureproofing of regenerated cellulose. 2,198,886; Apr. 30.
Silva, Clarence. (See Silva, Leo and C.)
Silva, Francisco H. R., Fall River, Mass. Automatic valve closing device for oil burners. 2,226,210; Dec. 24.
Silva, Leo and C., Mountain View, Calif. Harrow. 2,197,323; Apr. 16.
Silva, Manuel F., near Hollister, Calif. Windmill. 2,219,057; Oct. 22.
Silva, Walter F. (See Battin, H. T., and Silva.)
Silven, Herbert A., assignor to Norton Company, Worcester, Mas. Automatic cam grinding machine. 2,194,434; Mar. 19.
Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Piston grinding machine. 2,213,030; Aug. 27.
Silven, Herbert A., and R. A. Cole, assignors to Norton Company, Worcester, Mass. Forming truing apparatus. 2,219,264; Oct. 22.
Silver, Benjamin J., New York, N. Y. Sole modifying inner sole. 2,185,526; Jan. 2.
Silver City Glass Co., The. (See Schultz, Carl A., assignor.)
Silver, Henry, Philadelphia, Pa. Article container. 2,225,133; Dec. 17.
Silver, Jesse W., Tacoma, Wash. Highway safety gate. 2,193,350; Mar. 12.
Silver, John F., assignor to The Crosley Corporation, Cincinnati, Ohio. Band-pass control means for radio sets. 2,210,604; Aug. 6.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Lister. Re. 21,397; Mar. 12.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Tillage implement. 2,192,333; Mar. 5.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Tractor mounted implement. 2,196,037; Apr. 2.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Dam forming device. 2,196,038; Apr. 2.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Tilling implement. 2,202,929; June 4.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Lister. 2,203,972; June 11.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Dam forming device. 2,205,752; June 25.
Silverman, Abraham I., London, England. Portable circular saw. 2,217,923; Oct. 15.
Silverman, Daniel, assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Method and apparatus for electrical logging. 2,206,894; July 9.
Silverman, Harry C. (See Bieber, John, assignor.)
Silverman, Irving, Brooklyn, N. Y. Biopsy needle. 2,198,319; Apr. 23.
Silvers, William, New York, N. Y. Wire holder. 2,197,486; Apr. 16.
Silverstein, Henry, Brooklyn, N. Y. Heating device. 2,215,337; Sept. 17.
Silverstone, Melville L. (See Ness, W. H. C., and Silverstone.)
Silverthorne, Frank H., New York, N. Y. Smoking pipe. 2,197,161; Apr. 16.
Silvester, William A. (See Dent, C. E., and Silvester.)
Silvia, Manuel, Newark, N. J. Life-line ratchet. 2,205,933; June 25.
Simanek, Edward J., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement for six-wheel trucks. 2,192,157; Feb. 27.
Simanek, Edward J., assignor to American Steel Foundries, Chicago, Ill. Brake rigging. 2,208,107; July 16.
Simanek, Edward J., assignor to American Steel Foundries, Chicago, Ill. Clasp brake arrangement. 2,209,795; July 30.
Simison, Allen L. (See Baird, F. J., and Simison.)

Simison, Allen L., Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Apparatus for fabricating fibrous material. 2,216,759; Oct. 8.
Simison, Allen L., and H. W. Collins, Newark, Ohio, assignors, by mesne assignments, to Owens-Corning Fiberglas Corporation. Applying coatings to fibers in mat form. 2,189,840; Feb. 13.
Simister, Louis W., Astoria, assignor to Geo. Knight & Co., Brockton, Mass. Combination perforating die and striking plate. 2,220,296; Nov. 5.
Simjian, Luther G., New Haven, assignor to The Reflectone Corporation, Stamford, Conn. Pose reflecting system. 2,192,158; Feb. 27.
Simjian, Luther G., New Haven, assignor to The Reflector Corporation, Stamford, Conn. Pose reflecting system. 2,192,159; Feb. 27.
Simjian, Luther G., Riverside, Conn., assignor to Soapless Foam, Inc., New York, N. Y. Foam bath apparatus. 2,216,791; Oct. 8.
Simjian, Luther G., Riverside, assignor to The Reflectone Corporation, Stamford, Conn. Variable image-observing device. 2,218,301; Oct. 15.
Simjian, Luther G., Riverside, assignor, by mesne assignments, to Reflectone Corporation, Stamford, Conn. Pose-observing apparatus. 2,218,302; Oct. 15.
Simkovits, Nikolaus, Vienna, assignor to E. Wetzel, Stuttgart, Germany. Fountain pen. 2,209,042; July 23.
Simler, Oscar J., assignor of one-half to M. Calderone, Sebring, Ohio. Line clamp. 2,202,968; June 4.
Simmen, Paul J., Eden, N. Y., assignor to The Union Switch & Signal Company, Swissvale, Pa. Time measuring apparatus. 2,201,704; May 21.
Simmerman, George C., Bassett, Nebr. Eraser cleaner. 2,211,080; Aug. 13.
Simmon, Rudolph, Long Island City, N. Y. Film drier. 2,191,163; Feb. 20.
Simmon, Rudolph, Jackson Heights, N. Y. Photographic enlarger. 2,222,185; Nov. 19.
Simmons, Aaron T., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Dispensing apparatus. 2,200,228; May 7.
Simmons, Albert W. and H. E., Olean, N. Y. Fishing device. 2,196,784; Apr. 9.
Simmons, Bert J., Stillwater, Minn. Game or chance device. 2,224,490; Dec. 10.
Simmons, Charles M., Memphis, Tenn., and E. E. Englund, assignors to The Ohio Cultivator Company, Bellevue, Ohio. Rotary cultivator. 2,215,364; Sept. 17.
Simmons Company. (See Woller, Edward E., assignor.)
Simmons, Emmett G., Butte, Mont., assignor to Anaconda Copper Mining Company, New York, N. Y. Tool puller. 2,196,366; Apr. 9.
Simmons, Grover S., Elkin, N. C. Spraying apparatus. 2,211,519; Aug. 13.
Simmons, H. C. (See Kasch, Charles H., assignor.)
Simmons, Herbert E. (See Simmons, Albert W. and H. E.)
Simmons, James O., Sr., Troy, Tex. Attachment for cultivators. 2,190,166; Feb. 13.
Simmons, John T., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Acidizing wells. 2,186,349; Jan. 9.
Simmons, Leon E., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,186,502; Jan. 9.
Simmons, Leon E., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 2,225,666; Dec. 24.
Simmons, Oliver G., Lakewood, Ohio. Simultaneously finishing cluster gears. 2,200,584; May 14.
Simmons, R. F., Company. (See Levesque, Arthur H., assignor.)
Simmons, Victor E., Johnstown, Pa. Supporting hook. 2,190,550; Feb. 13.
Simmons, Virgil E. (See Rosenboom, G. H., and Simons.)
Simmons, William G., Chicago, Ill. Scale. 2,189,866; Feb. 13.
Simon, Alfred, Jackson Heights, Long Island, assignor to Westinghouse X-Ray Company, Inc., Long Island City, N. Y. Shockproof X-ray unit. 2,194,369; Mar. 19.
Simon, Alfred, Jackson Heights, assignor to Westinghouse X-Ray Company, Inc., Long Island City, N. Y. Fluoroscopic apparatus. 2,215,654; Sept. 24.
Simon, Arthur. (See Stoekle, E. R., and Simon.)
Simon, Erle V. (See Fetterling, H. H., and Simon.)
Simon, Gustave G., New York, N. Y. Irremovable tag and attaching it. 2,214,823; Sept. 17.
Simon, Herman F., Lunenburg, assignor to Parks-Cramer Company, Fitchburg, Mass. Liquid atomizing device. 2,186,214; Jan. 9.
Simon, I. A. (See Briggs, Merton B., assignor.)
Simon, I. A. (See Hedrick, Gale H., assignor.)
Simon, Joseph, G. Foster, and A. J. Manxi, assignors to Arrow Match Corporation, Chicago, Ill. Match. 2,209,237; July 23.
Simon, Otto, Berlin, Germany. Container. 2,222,213; Nov. 19.
Simon, Walter. (See Pier, M., and Simon.)
Simon, Walter. (See Pier, M., Simon, and Berger.)
Simon, Walter. (See Pier, M., Simon, and Jacob.)
Simon, Walter. (See Pier, M., Simon, and Kroenig.)
Simon, William I., Kirkland, Ariz. Leverage hackamore bridle. 2,186,350; Jan. 9.
Simonds, Daniel. (See Potts, A. D., and Simonds.)
Simonds, Herbert R., assignor to Simonds Worden White Company, Dayton, Ohio. Grinding wheel. 2,201,410; May 21.
Simonds, Herbert R., assignor to Simonds Worden White Company, Dayton, Ohio. Pulp producing apparatus. 2,223,877; Dec. 3.
Simonds, Paul, assignor to The Oilgear Company, Milwaunkee, Wis. Hold-down system. 2,194,078; Mar. 19.
Simonds, Royal H., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,222,445; Nov. 19.
Simonds Saw and Steel Co. (See Potts, A. D., and Simonds, assignors.)
Simonds, Warren J., assignor to Rodney Hunt Machine Company, Orange, Mass. Pipe body stainless reel. Re. 21,564; Sept. 10.
Simonds, Warren J., assignor to Rodney Hunt Machine Company, Orange, Mass. Roll cap wedge. 2,192,416; Mar. 5.
Simonds Worden White Company. (See Simonds, Herbert R., assignor.)
Simonds Worden White Company. (See Steinbarger, Charles J., assignor.)
Simonick, Virgil F., Detroit, Mich., assignor to Automatic Shifters, Inc., Richmond, Va. Gear shifting mechanism for motor vehicles. 2,187,465; Jan. 16.
Simons, Abraham, New York, N. Y. Method of and apparatus for drawing wire. 2,203,751; June 11.
Simons, Abraham, New York, N. Y. Rolling mill unit. 2,219,664; Oct. 29.
Simons, Abraham, New York, N. Y. Rolling mechanism. 2,219,665; Oct. 29.
Simons, Abraham, New York, N. Y. Method of rolling. 2,226,948; Dec. 31.
Simons, Burton H., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio receiver. 2,208,398; July 16.
Simons, Edward W., San Francisco, assignor to Redwood Manufacturers Co., Pittsburg, Calif. Cooling tower construction. 2,207,272; July 9.
Simons, Ernest W., and C. F. Keller, Oklahoma City, Okla. Detachable handle for bottles and drinking glasses. 2,208,478; July 16.
Simons, Francis L., Needham, Mass., assignor to George La Monte & Son, Nutley, N. J. Safety paper and making same. 2,186,810; Jan. 9.
Simons, Frank A., assignor to The Dow Chemical Company, Midland, Mich. High temperature terminal connector for radiant heater elements. 2,189,231; Feb. 6.
Simons, Homer C., Dayton, Ohio, assignor by mesne assignments, to Chrysler Corporation, Highland Park, Mich. Compressing unit. 2,192,654; Mar. 5.
Simons, John E. R. (See Brice, Ethel L., assignor.)
Simons, John E. R., Harlow, and E. L. Brice and A. Brice, Stockport, assignors, by mesne assignments, to J. E. R. Simons, Harlow, Essex, England. Device for driving boards, planks, or the like into the ground. 2,190,387; Feb. 13.
Simons, John K., Dormont, Pa., assignor to Plaskon Company, Inc., Toledo, Ohio. Formaldehyde-urea molding composition. 2,203,800; June 11.
Simons, John K., Dormont, Pa., assignor to Plaskon Company, Inc., Toledo, Ohio. Substituted triazine. 2,217,030; Oct. 8.
Simons, Leon, New York, assignor to Texteel Wire Strip Company, Inc., Bronx, N. Y. Method and mechanism for drawing wire. 2,208,735; July 23.
Simons, R. F., Company. (See Levesque, Arthur H., assignor.)
Simons, Walter R., Los Angeles, and R. G. Blessing, Alhambra, Calif. Roofing structure and tile therefor. 2,187,404; Jan. 16.
Simonsen, Irving P., Los Angeles, Calif., assignor to Continental Fire-Proof Iron Corp. Self-lifting sadiron. 2,211,839; Aug. 20.
Simonsen, Irving P., Glendale, and G. R. Hannan, Los Angeles, assignors to Axlocksen Ski Products, Inc., Beverly Hills, Calif. Ski construction. 2,195,136; Mar. 26.
Simonson, Alvin E., Kismet, Kans. Planter. 2,188,235; Jan. 23.
Simonson, Elmer L. (See Hamrock, F. J., and Simonson.)
Simonsson, Ludvig H., Stockholm, Sweden. Artificial knee-joints. 2,211,298; Aug. 13.
Simonton, Theodore E. (See Glassey, Philip P., assignor.)
Simplex Paper Corporation. (See Wood, Frederick P., assignor.)
Simplex Products Corporation. (See Solenberger, Dean M., assignor.)
Simplex Valve and Meter Company. (See Borden, Moro M., assignor.)
Simplon Products Corporation. (See Nichols, Charles K., assignor.)
Simpson, Albert E., Montreal, Quebec, Canada. Production of maps from aerial photographs. 2,208,435; July 16.
Simpson, Albert H. (See Allan, G. W., and Simpson.)
Simpson, Amber N., Detroit, Mich. Oil regulating apparatus. 2,208,912; July 23.

Simpson Arthur I. F., and L. C. Stenning, Wembley, England, assignors to Hazeltine Corporation. Superheterodyne frequency changer. 2,211,352; Aug. 13.
Simpson, Bruce L., assignor to H. S. Simpson, Chicago, Ill. Making battery paste. 2,219,404; Oct. 29.
Simpson, Bruce L., assignor to H. S. Simpson, Chicago, Ill. Battery paste muller. 2,226,023; Dec. 24.
Simpson, Earle L., Baltimore, Md. Baton and handle. 2,226,949; Dec. 31.
Simpson, Emory G., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Striker plate. 2,194,033; Mar. 19.
Simpson, Emory G., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Door lock. 2,196,477; Apr. 9.
Simpson, Emory G., assignor to Ternsteda Manufacturing Company, Detroit, Mich. Operating and latching device for swinging window panels. 2,196,478; Apr. 9
Simpson, Emory G., assignor to General Motors Corporation, Detroit, Mich. Power operated collapsible vehicle top. 2,221,460; Nov. 12.
Simpson, Eugene H., et al. (See Grob, Benjamin, assignor.)
Simpson, Eugene H. (See Uecker, R. A., and Simpson.)
Simpson, George L. (See Moore, W. E., and Simpson.)
Simpson, George S. (See Park, R. S., and Simpson.)
Simpson, Harrison D., Hillside, assignor to Krementz & Co., Newark, N. J. Cuff link. 2,197,882; Apr. 23.
Simpson, Herbert S. (See Christensen, Alfred C., assignor.)
Simpson, Herbert S. (See Simpson, Bruce L., assignor.)
Simpson, Herman N., Port Townsend, Wash. Interlocking pile construction. 2,192,508; Mar. 5.
Simpson, Herman N., Port Townsend, Wash. Interlocking pile construction. 2,192,509; Mar. 5.
Simpson, James O., Esher, G. A. Webb, Harrow Weald, and J. P. Mandeville, London, England, assignors to International Business Machines Corporation, New York, N. Y. Paper feeding device. 2,213,571; Sept. 3.
Simpson, James S., assignor to Columbian Rope Company, Auburn, N. Y. Antifiltering closure for paper bags. 2,216,857; Oct. 8.
Simpson, John F., Scunthorpe, assignor to Orthostyle Limited, Scunthorpe, Lincolnshire, England. Lime burning and kiln therefor. 2,222,244; Nov. 19.
Simpson, Justin, Mount Healthy, Ohio, assignor to American Can Company, New York, N. Y. Blank feeding mechanism. 2,226,588; Dec. 31.
Simpson, Kenneth M., New York, N. Y. Treating iron ore. 2,199,654; May 7.
Simpson, Kenneth M., New York, N. Y. Preparing ores to facilitate extraction of metals. 2,200,563; May 14.
Simpson, Kenneth M., New York, N. Y. Recovery of nickel from nickel containing iron ores. 2,212,459; Aug. 20.
Simpson, Kenneth M., New York, N. Y. Process of making iron and nickel alloys. 2,221,061; Nov. 12.
Simpson, Lancelot M., Thorner, near Leeds, assignor to Automatic Telephone & Electric Company, Limited, London, England. Signaling system. 2,194,057; Mar. 19.
Simpson, Lowe, and A. M. Crain; said Crain assignor to The Orville Simpson Company, Cincinnati, Ohio. Cleaner for sifting screens. 2,226,416; Dec. 24.
Simpson, Robert, Newell, Pa. Air-brake testing apparatus. 2,189,184; Feb. 6.
Simpson, Robert A., Colorado Springs, Colo. Shoemaker's clamp. 2,185,358; Jan. 2.
Simpson, Robert W., New York, N. Y. Flower holder. 2,226,950; Dec. 31.
Simpson, Robert W., New York, N. Y. Flower holder. 2,226,951; Dec. 31.
Simpson, S., Limited. (See Klein, Solomon, assignor.)
Simpson, Stanley T., Bronx, N. Y. Portable electric lamp. 2,197,946; Apr. 23.
Simpson, Stanley T., Bronx, N. Y. Electric plug. 2,217,138; Oct. 8.
Simpson, Thomas P., J. W. Payne, and J. A. Crowley, Jr., Woodbury, and C. S. Teitsworth, Plainfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for catalytic conversions and other contact mass operations. 2,185,928; Jan. 2.
Simpson, Thomas P., J. W. Payne, and J. A. Crowley, Jr., Woodbury, and C. S. Teitsworth, Plainfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Conducting reactions in the presence of a contact mass. 2,185,929; Jan. 2.
Simpson, Thomas P., J. W. Payne, and J. A. Crowley, Jr., Woodbury, and C. S. Teitsworth, Plainfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Converting petroleum and like oils. 2,185,930; Jan. 2.
Simpson, Thomas P., J. W. Payne, and J. A. Crowley, Jr., Woodbury, and C. S. Teitsworth, Plainfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for converting petroleum and like oils. 2,185,931; Jan. 2.
Simpson, Thomas P., J. W. Payne, and J. A. Crowley, Jr., Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Conducting catalytic operations. 2,209,040; July 23.
Simpson, Thomas P., J. W. Payne, and J. A. Crowley, Jr., Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Method and apparatus for catalytic reaction. 2,222,304; Nov. 19.
Simpson, Walter M., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Liquid fuel burner. 2,195,264; Mar. 26.
Simpson, Wilbur L., Livonia, N. Y. Apparatus for mixing. 2,209,287; July 23.
Simpson, William J., Woburn, Mass. Bobbin. 2,203,286; June 4.
Simpson, William K., assignor to Hoffman Specialty Company, Waterbury, Conn. Adjustably vented air valve. 2,190,197; Feb. 13.
Simpson, Willis H., East Orange, N. J. Dust guard for car axle boxes. 2,213,414; Sept. 3.
Sims, Cecil L. (See De Witt, W. J., Goodfellow, and Sims.)
Sims, Clark D., assignor to Sears, Roebuck and Co., Chicago, Ill. Washing machine. 2,226,417; Dec. 24.
Sims, Ernest M., Elkhart, Ind. Making veneered tubing. 2,221,208; Nov. 12.
Sims, Ernest M., Elkhart, Ind. Making jacketed rods and the like. 2,221,209; Nov. 12.
Sims, George T., Columbus, Miss. Combined separator and drier for the treatment of cotton. 2,214,680; Sept. 10.
Sims, William O., and E. J. Rodda, assignors to Niagara Falls Wire Stitchers, Inc., Niagara Falls, N. Y. Wire stitching machine. 2,190,684; Feb. 20.
Sims, Yelmer V. (See Starzec, S. S., and Sims.)
Simunich, Bernard, Chicago, Ill. Can puncturing device. 2,190,275; Feb. 13.
Sincerbeaux, Chauncey M., Kew Gardens, N. Y. Door closing mechanism for automobiles. 2,195,760; Apr. 2.
Sinchuk, Awksenty J., Bridgeport, Conn. Antirattling attachment for windows. 2,209,041; July 23.
Sinclair, Alfred C., assignor to J. E. Sinclair, Houston, Tex. Cutting windows in well casings. 2,216,963; Oct. 8.
Sinclair, Allan T., London, England, assignor to Radio Corporation of America. Sound head. 2,201,324; May 21.
Sinclair, Archie N., and J. Reilly, Toledo, Ohio. Clothes prop holder. 2,226,983; Dec. 31.
Sinclair, Frank E., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,186,503; Jan. 9.
Sinclair, Frank E., Claremont, N. H., assignor to Sullivan Machinery Company. Feeding device. 2,214,753; Sept. 17.
Sinclair, Frank E., Claremont, N. H., assignor to Sullivan Machinery Company. Pressure fluid motor. 2,224,862; Dec. 17.
Sinclair, Harold. (See Kiep, J. N., and Sinclair.)
Sinclair, Harold, Kensington, London, England. Variable-speed power-transmission mechanism. 2,212,278; Aug. 20.
Sinclair, Harold, Kensington, London, England. Change-speed or selective gearing. 2,220,463; Nov. 5.
Sinclair, Harold, Kensington, London, England. Variable-speed power-transmission mechanism. 2,223,535; Dec. 3.
Sinclair, Harold, Kensington, London, England. Synchronizing clutch. 2,224,322; Dec. 10.
Sinclair, Harold, Kensington, London, and A. C. Basebe, Banstead, assignors to Hydraulic Coupling Patents Limited, London, England. Hydraulic power transmitter. 2,187,667; Jan. 16.
Sinclair, Harold, Kensington, London, and R. C. Clerk, Egham, assignors to Hydraulic Coupling Patents Limited, London, England. Transmission mechanism. 2,202,271; May 28.
Sinclair, John J., Montclair, N. J., and S. L. Williams, New York, N. Y., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Empty and load brake device. 2,204,830; June 18.
Sinclair, John M., assignor to Layne and Bowler, Incorporated, Memphis, Tenn. Making shaft journals. 2,197,883; Apr. 23.
Sinclair, Joseph E. (See Sinclair, Alfred C., assignor.)
Sinclair, Melroy, Maplewood, Mo. Register shield and filter. 2,203,311; June 4.
Sinclair, Peter S., Holyoke, Mass. Producing seams in dandy rolls and apparatus therefor. 2,193,888; Mar. 19.
Sinclair, Peter S., Holyoke, Mass. Dandy roll and cylinder mold. 2,211,081; Aug. 13.
Sinclair, Peter S., Holyoke, Mass. Supporting stand for dandy roll. 2,220,853; Nov. 5.
Sinclair Refining Company. (See Barth, Edwin J., assignor.)
Sinclair Refining Company. (See Cantelo, Robert C., assignor.)
Sinclair Refining Company. (See Chenault, William B., assignor.)
Sinclair Refining Company. (See Downey, John J., assignor.)
Sinclair Refining Company. (See Fairlie, Matthew, assignor.)
Sinclair Refining Company. (See Herthel, E. C., and Kimball, assignors.)
Sinclair Refining Company. (See Kaasa, Orin G., assignor.)
Sinclair Refining Company. (See Martin, E. J., and Kirk, assignors.)
Sinclair Refining Company. (See Mendius, William, assignor.)
Sinclair Refining Company. (See Pinkerton, R. D., and Mendius, assignors.)

Sinclair Refining Company. (See Ries, Herman E., Jr., assignor.)
Sinclair Refining Company. (See Robertson, Harold J., assignor.)
Sinclair Refining Company. (See Smith, Reading B., assignor.)
Sinclair Refining Company. (See Teter, John W., assignor.)
Sinclair Refining Company. (See Thayer, George, assignor.)
Sinclair Refining Company. (See Vobach, Arnold C., assignor.)
Sinclair Refining Company. (See Walsko, John, assignor.)
Sinclair, William, Highland Park, Mich., assignor to Production Engineering Company. Production machine. 2,216,141; Oct. 1.
Sinden, Alfred D., Aurora, Ill. Machine for classifying fine-grained materials. 2,210,505; Aug. 6.
Singer, David E., assignor to Holland-Rantos Company, Inc., New York, N. Y. Gynecologic instrument. 2,201,274; May 21.
Singer, Felix, assignor, by mesne assignments, of one-half to J. O. Ollier, New York, N. Y. Electrical heating element. 2,207,558; July 9.
Singer, Fred J., Rockville Centre, N. Y., assignor to American Telephone and Telegraph Company. Printing telegraph private branch exchange system. 2,198,517; Apr. 23.
Singer, Fred J., Rockville Centre, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraphic line circuit. 2,211,176; Aug. 13.
Singer, Fritz, Soecking, Germany. Manufacture of articles from light metal alloys. 2,218,459; Oct. 15.
Singer, Fritz, Starnberg, and A. Liebergeld, Nuremberg, Germany. Stretching machine. 2,218,460; Oct. 15.
Singer, Henry, assignor of one-half to W. S. Chang, Honolulu, Hawaii. Reversible paddle. 2,208,086; July 16.
Singer, Henry, Honolulu, Hawaii, assignor of one-half to G. W. Murphy, United States Army, Schofield Barracks, Hawaii. Game of eight bells. 2,218,055; Oct. 15.
Singer, Leon, Brooklyn, N. Y. Rreproduction of color photographic designs. 2,201,128; May 14.
Singer Manufacturing Company, The. (See Ackerman, James E., assignor.)
Singer Manufacturing Company, The. (See Andres, W. A., and Johnson, assignors.)
Singer Manufacturing Company, The. (See Becker, Rudolph, assignor.)
Singer Manufacturing Company, The. (See Bright, Frank G., assignor.)
Singer Manufacturing Company, The. (See Card, Frederic M., assignor.)
Singer Manufacturing Company, The. (See Diehl, F., and Naul, assignors.)
Singer Manufacturing Company, The. (See Fleckenstein, George A., assignor.)
Singer Manufacturing Company, The. (See Kaier, Richard, assignor.)
Singer Manufacturing Company, The. (See Karle, John D., assignor.)
Singer Manufacturing Company, The. (See Kessler, Charles A., assignor.)
Singer Manufacturing Company, The. (See Knaus, N., and Anton, assignors.)
Singer Manufacturing Company, The. (See Langille, Wilfred O., assignor.)
Singer Manufacturing Company, The. (See McCann, Michael, assignor.)
Singer Manufacturing Company, The. (See Naul, James M., assignor.)
Singer Manufacturing Company, The. (See Palme, Josef F., assignor.)
Singer Manufacturing Company, The. (See Pinkvoss, Berthold P., assignor.)
Singer Manufacturing Company, The. (See Spaine, E. P., and Faulkner, assignors.)
Singer Manufacturing Company, The. (See Taylor Thomas S., assignor.)
Singer Manufacturing Company, The. (See Tiesler, Alfred, assignor.)
Singer Manufacturing Company. (See Zonis, Sydney, assignor.)
Singerman, Max E., et al. (See Hall, Harry G., assignor.)
Singleton, Clarence S., Longview, Tex. Power transmitting mechanism for motor vehicles. 2,200,658; May 14.
Singleton, James W., Cincinnati, Ohio, assignor of one-half to J. O. Brooks, Allock, Ky. Casting bait. 2,204,552; June 18.
Singleton, John H., et al. (See Rust, Efgar H., assignor.)
Singleton, Micajah T., Atlanta, Ga. Sewage treatment 2,196,840; Apr. 9.
Singleton, William F. (See Iliff, J. W., and Singleton.)
Sinko, John, Chicago, Ill. Cigar lighter. 2,215,771; Sept. 24.
Sinko, John, Oak Park, Ill. Electric cigar lighter. 2,220,625; Nov. 5.
Sinkovitz, Joseph. (See Huffman, S. A., Sinkovitz, and Saul.)
Sinkovitz, Joseph, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Ink feeding device. 2,206,269; July 2.
Sinkwich, Vincent J., New York, N. Y. Solution dispensing device. 2,201,101; May 14.
Sinness, Lester S., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Thread production. 2,223,923; Dec. 3.
Sinninger, Dwight V., assignor to Johnson Laboratories, Inc., Chicago, Ill. Image-frequency suppression system. 2,188,964; Feb. 6.
Sinninger, Dwight V., assignor to Johnson Laboratories, Inc., Chicago, Ill. Permeability-tuned oscillator tracking arrangement. 2,190,048; Feb. 13.
Sinninger, Dwight V., assignor to Johnson Laboratories, Inc., Chicago, Ill. Interference rejection receiver. 2,190,850; Feb. 20.
Sinninger, Dwight V., assignor to Johnson Laboratories, Inc., Chicago, Ill. Interference-reducing system. 2,226,836; Dec. 31.
Sinsabaugh, Lewis F., Montgomery, N. Y. Mailbox protector. 2,216,576; Oct. 1.
Sinz, Lawrence P., Los Angeles, Calif., assignor to Crown Cork & Seal Company, Inc. Filling machine and method of filling containers. 2,187,332; Jan. 16.
Sio, Jose S., Barcelona, Spain. Ring spinning frame. 2,188,376; Jan. 30.
Sioto G. m. b. H. (See Oberländer, C., and Zschacke, assignor.)
Sipe, George I., Lancaster, Pa. Steamer. 2,200,192; May 7.
Sipp-Eastwood Corporation. (See Kent, Frederick J., assignor.)
Siqveland, Ivar E., St. Paul, Minn. Dental filling matrix and method. 2,217,237; Oct. 8.
Sirian Wire and Contact Company. (See Padowicz, Henry N., assignor.)
Sirius Corporation. (See Price, Nathan C., assignor.)
Sirotta, Milton A., Brooklyn, N. Y. Fur treating preparation and treating furs. 2,194,773; Mar. 26.
Sirr, William A., et al. (See Schatz, Frederick M., assignor.)
Sishc, Julius, Torrington, Wyo. Beet loader. 2,195,471; Apr. 2.
Sisk, Martin A., Pittsburgh, Pa. Automatic valve. 2,198,487; Apr. 23.
Sisk, Martin A., Pittsburgh, Pa. Pipe fitting. 2,216,460; Oct. 1.
Sisk, Martin A., Pittsburgh, Pa. Water closet support. 2,208,199; July 16.
Sisman, Warren, Detroit, Mich. Wall cleaning apparatus. 2,190,576; Feb. 13.
Sissell, Lloyd L. (See Barnett, Edward J., assignor.)
Sisson, James F., Hominy, Okla. Sucker rod wrench. 2,217,238; Oct. 8.
Sisson, James G. (See Witter, C. W. E., and Sisson.)
Sisson, James G., and A. H. Starrett, assignors to The L. S. Starrett Company, Athol, Mass. Dial thickness gauge. 2,200,479; May 14.
Sisson, John B. (See Odom, Earl R., assignor.)
Sisson, Vinton E., Winnetka, assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Floor rack for regrigerator cars. 2,189,385; Feb. 6.
Sitek, Louis, St. Francis, Wis. Container for fishing rods. 2,225,438; Dec. 17.
Sitko, Frank A., Fingal, N. Dak. Rattleproof door latch 2,198,952; Apr. 30.
Sittel, Alfred, Schoneiche, near Berlin, Germany, assignor to General Electric Company. Series lamp. 2,209,005; July 23.
Sitter, Evan L., McLean, Tex. Trouser hanger. 2,210,184; Aug. 6.
Sittler, Edwin C., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,190,613; Feb. 13.
Sitton, Elbert R., Houston, Tex. Heat insulation curtain. 2,206,680; July 2.
Sitts, Robert L., assignor to Slip-Lok, Inc., Pontiac, Mich. Door stop. 2,201,594; May 21.
Sitzler, Richard R. (See Platt, H., and Sitzler.)
Sivil, Cecil S., Elizabeth, and E. O. Liebeg, Arlington, assignors to Baker & Company, Inc., Newark, N. J. Alloys. 2,189,571; Feb. 6.
Six, Willem, Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Degenerative amplifier circuit. 2,221,116; Nov. 12.
Six, Willem, and G. Holst, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Induction coil. 2,220,126; Nov. 5.
Sixt, Johann. (See Mugdan, M., and Sixt.)
Sizer, Harold S., Pawtucket, R. I., assignor to Associated Patents, Inc. Screw and nut driving connection. 2,205,634; June 25.
Sjogren, Oscar W., Huntington Park, and G. E. Gerold, assignors to Killefer Manufacturing Corporation, Los Angeles, Calif. Offset disk harrow. 2,221,461; Nov. 12.
Sjöstrand, Hjalmar E., Ravala, Grangesberg, Sweden. Position indicating device for a movable body. 2,191,730; Feb. 27.
Skaggs, Charles N. (See Spidell, C. N., and Skaggs.)
Skarshaug, Wallace O. (See Bergan, K. N., and Skarshaug.)

Skates, Jacob L., Bessemer, Ala. Sand mold making. 2,191,687; Feb. 27.
Skawran, Willy. (See Dressler, M., and Skawran.)
Skeats, Wilfred F., Lansdowne, Pa., assignor to General Electric Company. Electric circuit interrupter. 2,224,611; Dec. 10.
Skeel, Lewis. (See Miller, F. P., and Skeel.)
Skeel, Ray C., Poland, and W. W. Krauss, assignors to Truscon Steel Company, Youngstown, Ohio. Metal staircase. 2,193,146; Mar. 12.
Skeeters, Maxwell J. (See Shreve, R. N., and Skeeters.)
Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,195,098; Mar. 26.
Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,204,055; June 11.
Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Space discharge apparatus and circuits therefor. 2,205,071; June 18.
Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Space discharge apparatus and circuits therefor. 2,205,072; June 18.
Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,217,774; Oct. 15.
Skelly, John S., Monongahela, Pa., assignor to Combustion Engineering Company, Inc., New York, N. Y. Automatic control means for stokers. 2,199,012; Apr. 30
Skelly Oil Company. (See Smith, Howard V., assignor.)
Skelton, William E., Beacon, assignor to The Texas Company, New York, N. Y. Solvent refining of hydrocarbon oil. 2,208,108; July 16.
Skene, Andrew A. (See Reise, H. A., and Skene.)
Skibsted, Wesley G., Miami, Fla., assignor to American Telephone and Telegraph Company. Teletypewriter apparatus. 2,208,168; July 16.
Skillen, Eva J., Warwick, R. I. Face guard. 2,191,325; Feb. 20.
Skillman, Thomas S., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., trustee. Coupling circuit. 2,210,956; Aug. 13.
Skillman, Thomas S., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., trustee. Signal receiver for carrier wave systems. 2,210,957; Aug. 13.
Skillman, Thomas S., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Carrier wave telephony. 2,215,482; Sept. 24.
Skillman, Thomas S., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Carrier wave telephony system. 2,215,483; Sept. 24.
Skinner, Benjamin R., and L. Andrews, Denver, Colo. Water heater. 2,187,917; Jan. 23.
Skinner, Bronson C., Dunedin, assignor to Brogdex Company, Winter Haven, Fla. Apparatus for rubbing or brushing fruit and the like. 2,199,827; May 7.
Skinner, Charles H. (See Quick, C. G, Skinner, and Evans.)
Skinner, Charles K., Southport, Conn., assignor to General Electric Company. Washing machine. 2,185,821; Jan. 2.
Skinner, Charles K., Southport, Conn., assignor to General Electric Company. Washing machine. 2,192,758; Mar. 5.
Skinner, Charles K., Southport, Conn., assignor to General Electric Company. Clothes wringer. 2,216,404; Oct. 1.
Skinner, Charles W., and E. R. Morris, Brockton, Mass., assignors to themselves, doing business as Standard Devices Company, a copartnership. Glazier's point. 2,197,060; Apr. 16.
Skinner, George D., Tottenham, London, England, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Indirect lighting fitting. 2,215,234; Sept. 17.
Skinner, George M., Buffalo, N. Y., assignor to The Linde Air Products Company. Removing metal from metallic bodies. 2,210,403; Aug. 6.
Skinner, Harold A., Wausau, assignor to Marathon Paper Mills Company, Rothschild, Wis. Method of and apparatus for packing wood chips or the like. 2,198,587; Apr. 23.
Skinner, Henry J. P., London, England. Musical instrument. 2,185,932; Jan. 2.
Skinner Irrigation Company, The. (See Coles, W. H. and Nelson, assignors.)
Skinner, Leslie A., U. S. Army, Berkeley, Calif., assignor to the Government of the United States of America, as represented by the Secretary of War and his successors in office. Rocket projectile. 2,206,057; July 2.
Skinner, M. B. Company. (See Merrill, Patterson D., assignor.)
Skinner, M. B., Company. (See Watson, John J., assignor.)
Skinner Manufacturing Co. (See Skinner, William F., assignor.)
Skinner Motors, Inc. (See Skinner, Ralph L., assignor.)
Skinner Motors, Inc. (See Thompson, Ransom S., assignor.)
Skinner Motors, Inc. (See Woodward, Arthur A., assignor.)
Skinner, Perry R., Amsterdam, N. Y. Angle dental handpiece. 2,194,187; Mar. 19.
Skinner, Ralph L., assignor to Skinner Motors, Inc., Detroit, Mich. Lublication of slide-valve internal combustion engines. 2,187,285; Jan. 16.
Skinner, Riley S., Sentinel, Okla. Closure for containers. 2,205,825; June 25.
Skinner, William, & Sons. (See Meier, Edwin E., assignor.)
Skinner, William F., assignor to Skinner Manufacturing Co., Inc., Miami, Fla. Reconditioning dry cell batteries. 2,199,322; Apr. 30.
Sklar, Ezra, Camden, N. J. Automatic safety control and change-over. 2,206,371; July 2.
Sklarek, Clifford, Los Angeles, Calif. Convertible light 2.202,969; June 4.
Sklarew, Samuel. (See Cinamon, L., and Sklarew.)
Sklarew, Samuel, Yonkers, and L. Cinamon, assignors to Special Chemicals Corp., New York, N. Y. Electroplating. 2,216,605; Oct. 1.
Skofteland, Thomas R. (See George, H. O., and Skofteland.)
Skog, Henry A. (See Ewald, R. L., and Skog.)
Skoglund, Bertil. (See Doering, Charles and H. H., Anderson, and Skoglund.)
Skold, John F., assignor to C. E. Zimmerman, Chicago, Ill. Apparatus for slitting rubber articles. 2,213,721; Sept. 3.
Skold, John F., assignor to C. E. Zimmerman, Chicago, Ill Lipstick spreader. 2,219,754; Oct. 29.
Skold, John F., assignor to C. E. Zimmerman, Chicago, Ill. Manufacture of applicators. 2,219,755; Oct. 29.
Sköldberg, Per O., Stockholm, Sweden. Fuel consumption indicator. 2,207,880; July 16.
Skolnik, Max., Chicago, Ill. Making fibrous sheet material. 2,225,134; Dec. 17.
Skolnikoff, Benjamin. (See Stern, I., Skolnikoff, Pesqueira, and Ostrolenk.)
Skolrud, Arthur E., Hamilton, Mont, assignor to S. & P. Manufacturing Company. Corn cutter. 2,220,380; Nov. 5.
Skoog, Elmer G. (See Kahn, J. K., and Skoog.)
Skoog, Robert W., and T. J. Bradford, Borger, Tex., assignors to United Carbon Company, Inc., Charleston, W. Va. Apparatus for treating dry flocculent powders. 2,213,056; Aug. 27.
Skov, Henry A., Copenhagen, Denmark. Printing plate. 2,197,084; Apr. 16.
Skoverski, John R. (See Schor, J., and Skoverski.)
Skoverski, John R., Oakland, assignor to J. Schor, San Francisco, Calif. Joint for fishing tackle. 2,189,841; Feb. 13.
Skoverski, John R., Oakland, assignor to J. Schor, San Francisco, Calif. Making swivel couplings. 2,195,124; Mar. 26.
Skoverski, John R., Oakland, assignor to J. Schor, San Francisco, Calif. Fishing leader. 2,201,351; May 21.
Skoverski, John R., Oakland, assignor to J. Schor, San Francisco, Calif. Swivel coupling. 2,201,352; May 21.
Skoverski, John R., Oakland, assignor to J. Schor, San Francisco, Calif. Leader construction. 2,225,135; Dec. 17.
Skreberg, Hans, Big Bend Township, Chippewa County, Minn. Game. 2,206,240; July 2.
Skrjanc, Rudolph, and C. K. Varkett, Cleveland, Ohio. Minnow net. 2,194,621; Mar. 26.
Sktich, Harold C., Toronto, Ontario, Canada. Pump. 2,208,057; July 16.
Skumburdis, Konstantin, Berlin-Charlottenburg, Germany. Composition of matter for removing poison from tobacco smoke. 2,215,620; Sept. 24.
Skutl, Viktor, Leoben, Styria, Austria. Treating woody material. 2,218,897; Oct. 22.
Slack, Alfred D. (See Nadeau, G. F., and Slack.)
Slack, Charles M., Glen Ridge, and G. G. Cromartie, Maplewood, N. J. Alarm cable and switch. 2,204,237; June 11.
Slack, Charles M., Glen Ridge, and L. F. Ehrke, Newark, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High voltage gaseous rectifier. 2,212,849; Aug. 27.
Slack, Daniel B., Westerville, Ohio. Elastic horseshoe pad. 2,191,834; Feb. 27.
Slack, Frederic W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Wheel suspension. 2,190,298; Feb. 13.
Slack, Frederic W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle. 2,198,680; Apr. 30.
Slack, Frederic W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Control for power transmission mechanism. 2,198,681; Apr. 30.
Slack, Frederic W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Suspension mechanism. 2,222,377; Nov. 19.
Slack, George E., Ruislip, England. Changing display apparatus. 2,195,941; Apr. 2.
Slack, Torbert, Lake Charles, La. Lawn edger. 2,220,552; Nov. 5.
Sladkus, Fred, Brooklyn, assignor to Hang-Rite Valances, Inc., New York, N. Y. Decorative cornice. 2,222,186; Nov. 19.

Sladky, Alexander C. (See Hois, L. J., and Sladky.)
Slagboom, Louis, Fair Lawn, N. J. Tentering clip. 2,201,000; May 14.
Slager, Ernest. (See Jirka, J. F., McCurdy, Slager, and Ernest.)
Slager, John C. (See Meeker, D. A., and Slager.)
Slagh, Harold R. (See Alquist, F. N., and Slagh.)
Slagh, Harold R. (See Britton, E. C., and Slagh.)
Slagh, Harold R., assignor to The Dow Chemical Company, Midland, Mich. Crystallization of aspirin. 2,209,019; July 23.
Slagh, Harold R., assignor to The Dow Chemical Company, Midland, Mich. Geranyl crotonate. 2,187,694; Jan. 16.
Slagh, Harold R., assignor to The Dow Chemical Company, Midland, Mich. Reaction product of di-chloro-dioxane and the halo-organic acids. 2,190,907; Feb. 20.
Slagh, Harold R., assignor to The Dow Chemical Company, Midland, Mich. Unsaturated furoate. 2,195,382; Mar. 26.
Slagh, Harold R., assignor to The Dow Chemical Company, Midland, Mich. Unsaturated esters. 2,220,854; Nov. 5.
Slagh, Harold R., assignor to The Dow Chemical Company, Midland, Mich. Unsaturated esters of fumaric acid. 2,220,855; Nov. 5.
Slagh, Harold R., and F. N. Alquist, assignors to The Dow Chemical Company, Midland, Mich. Ethers of alkylphenols. 2,221,818; Nov. 19.
Slaght, William W. (See Smith, W. J., and Slaght.)
Slaght, William W., Rocky River, assignor to Cleveland Steel Products Corp., Cleveland, Ohio. Universal joint. 2,209,854; July 30.
Slaght, William W., Rocky River, assignor to Cleveland Steel Products Corp., Cleveland, Ohio. Universal joint. 2,209,855; July 30.
Slater, August E. (See Mason, Howard F., assignor.)
Slater, August F., Seattle, Wash. Automobile parking apparatus. 2,190,086; Feb. 13.
Slater, Fred M., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Clamping device. 2,213,329; Sept. 3.
Slater, Fred M., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Controlling device. 2,224,553; Dec. 10.
Slater, Fred M., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Lubricator. 2,225,324; Dec. 17.
Slater, Fred M., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Lubricant distributing device. 2,227,278; Dec. 31.
Slater, Ira M., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electromagnetic vibratory interrupter. 2,190,685; Feb. 20.
Slater, N., Company Limited. (See Milne, Winford G., assignor.)
Slater, Otto K., Jr., Medina, Ohio. Greenhouse construction. 2,200,706; May 14.
Slatineanu, Eulampiu, assignor to Gewerkschaft Auguste, Oberhausen, Germany. Producing a mixture of hydrocarbons. 2,213,415; Sept. 3.
Slaugenhop, George E., Vernon, Tex. Tank cleaner. 2,195,344; Mar. 26.
Slaughter, Charles E., Westfield, N. J., assignor of one-half to Ellis Laboratories, Inc. Shell or bomb. 2,197,841; Apr. 23.
Slaughter, Philip H., Davidson, N. C. Yarn tube. 2,217,459; Oct. 8.
Slaughterback, Lawrence A., South Bend, Ind. Tool. 2,198,953; Apr. 30.
Slauson, Harold W., Scarsdale, N. Y. Navigation instrument. 2,223,428; Dec. 3.
Slavens, Orvel C., et al. (See MacGregor, Robert R., assignor.)
Slavik, Edwin N., Chicago, Ill. Safety tool chuck. 2,215,621; Sept. 24.
Slavin, William J., Howell, Mich. Aggregate spreader. 2,186,081; Jan. 9.
Slawson, Marion G., Girard, Kans. Poultry feeder. 2,213,416; Sept. 3.
Slawson, Marion G., Girard, Kans. Railway-highway grade crossing warning signal. 2,221,290; Nov. 12.
Slayter, Games. (See Kleist, D., and Slayter.)
Slayter, Games, Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Electrically heating molten glass. 2,188,927; Feb. 6.
Slayter, Games, assignor to Electronic Research Corporation, Newark, Ohio. Apparatus for rectifying alternating currents. 2,202,873; June 4.
Slayter, Games, Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Fibrous glass felt. 2,206,059; July 2.
Slayter, Games, Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Method and apparatus for fiberizing vitreous material. 2,206,060; July 2.
Slayter, Games, Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Breathing means for pipe insulation. 2,210,958; Aug. 13.
Slayter, Games, Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Method and apparatus of melting and fining glass. 2,212,528; Aug. 27.
Slayter, Games, Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Air filter. 2,220,127; Nov. 5.
Slayter, Games, and H. W. Collins, assignors, by mesne assignments, to The Ingleside Company, Newark, Ohio. Building construction. 2,186,538; Jan. 9.
Slayter, Games, and H. W. Collins, assignors, by mesne assignments, to Ingleside Company, Newark, Ohio. Heating system. 2,186,539; Jan. 9.
Slayter, Games, and J. H. Thomas, Newark, Ohio, assignors, by mesne assignments, to Owens-Corning Fiberglas Corporation. Agricultural application of glass wool. 2,192,939; Mar. 12.
Slayter, Games, and J. H. Thomas, Newark, Ohio, assignors, by mesne assignments, to Owens-Corning Fiberglas Corporation. Manufacture of glass wool. 2,206,058; July 2.
Slayter, Games, F. W. Atkinson, and E. Fletcher, Newark, Ohio, assignors to Owens-Illinois Glass Company. Electric furnace. 2,215,982; Sept. 24.
Slayton, Ensign T., and R. E. Moyer, assignors to Gleason Works, Rochester, N. Y. Gear cutter. 2,216,139; Oct. 1.
Slayton, John W., Pittsburgh, Pa. Speed indicator. 2,191,045; Feb. 20.
Slee, Arthur L., San Francisco, assignor of one-third to E. C. Hughes, one-third to J. C. Hughes, and one-third to M. B. Hughes, all of West Sacramento, Calif. Holder. 2,203,239; June 4.
Sleeper & Hartley, Inc. (See Fisher, C. F., and Franks, assignors.)
Sleeper, Oliver S. (See Webb, J. A., and Sleeper.)
Sleeter, Edward B., and H. Hurst, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Condenser mounting. 2,219,495; Oct. 29.
Sleeth, Mont, Cambridge Springs, Pa. Card game. 2,189,477; Feb. 6.
Slepian, Arthur. (See Starring, D. S., and Slepian.)
Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High voltage rectifier or inverter. 2,186,215; Jan. 9.
Slepian, Joseph, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current conversion system. 2,193,604; Mar. 12.
Slepian, Joseph, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical contact means. 2,200,125; May 7.
Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Discharge device. 2,205,225; June 18.
Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ignitron starter. 2,205,226; June 18.
Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric switch. 2,208,399; July 16.
Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ignitron system. 2,210,690; Aug. 6.
Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Single anode HG arc rectifier. 2,221,615; Nov. 12.
Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective-gap device. 2,224,749; Dec. 10.
Slepian, Joseph, Pittsburgh, and L. R. Ludwig, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric tube. 2,189,618; Feb. 6.
Slepian, Joseph, Pittsburgh, and W. E. Pakala, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Magnetic means for stirring mercury in an ignitron. 2,189,619; Feb. 6.
Slepian, Joseph, Pittsburgh, and L. R. Ludwig, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Frequency changer. 2,193,603; Mar. 12.
Slepian, Joseph, Pittsburgh, and W. E. Pakala, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Baffle for ignitrons. 2,196,401; Apr. 9.
Slepian, Joseph, Pittsburgh, and W. M. Brubaker, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric device. 2,224,750; Dec. 10.
Slessman, Charles M., Elkhart, Ind. Light emitting element mounting. 2,223,273; Nov. 26.
Sletten, Kermit M., Willmar, Minn. Door latch mechanism. 2,203,845; June 11.
Slezak, Vincent F., Chicago, Ill. Horoscope unit for dispensing machines. 2,188,615; Jan. 30.
Slezak, Vincent F., Chicago, Ill. Coin-controlled astrological machine. 2,189,641; Feb. 6.
Slezak, Vincent F., Chicago, Ill. Machine for dispensing horoscopes. 2,214,542; Sept. 10.
Slichter, Louis B., Belmont, Mass., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Mineral exploration. 2,190,686; Feb. 20.
Slichter, Louis B., Belmont, Mass., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Geological survey. 2,191,120; Feb. 20.

Slichter, Louis B., Belmont, Mass., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Geological surveying apparatus. 2,191,121; Feb. 20.
Slick, Edwin E., Pittsburgh, Pa. Stopper rod. 2,195,791; Apr. 2.
Slick-Shine Co., The. (See Mandel, Louis, assignor.)
Sliger, Oscar. (See Lindley, C. H., and Sliger.)
Sliger, Oscar, University City, Mo. Counter-sham partition clip. 2,193,889; Mar. 19.
Slip-Lok, Inc. (See Sitts, Robert L., assignor.)
Sliwa, Walenty. (See Widuch, Adam, assignor.)
Sloan, Arthur W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Accelerator of vulcanization. 2,193,773; Mar. 12.
Sloan, Arthur W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Accelerator of vulcanization. 2,226,984; Dec. 31.
Sloan, Arthur W., and P. C. Jones, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Accelerator of vulcanization. 2,193,774; Mar. 12.
Sloan, C. W., et al. (See Francis, George W., Sr., assignor.)
Sloan, Clifford K., and G. D. Patterson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,192,953; Mar. 12.
Sloan, Clifford K., and G. D. Patterson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Transfer of pigment to organic vehicles. 2,192,954; Mar. 12.
Sloan, Clifford K., and G. D. Patterson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Use of amines with pigments. 2,192,955; Mar. 12.
Sloan, Clifford K., and G. D. Patterson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Pigment manufacture. 2,192,956; Mar. 12.
Sloan, Clifton B. (See Stewart, Rebecca and C. H., and Sloan.)
Sloan, Edward C. (See Price, S., and Sloan.)
Sloan, Edward C., assignor to J. B. Hawley, Geneva, Ill. Drying die for fibrous articles. 2,187,918; Jan. 23.
Sloan, Edward C., assignor to J. B. Hawley, Geneva, Ill. Producing articles of fibrous composition. 2,222,003; Nov. 19.
Sloan, George E., Rockford, Ill. Ice walker. 2,208,200; July 16.
Sloan, Harry E. (See Highberg, G. A., and Sloan.)
Sloan, Harry E., Jr. (See Sloan, Harry E., and H. E., Jr., and Highberg.)
Sloan, Harry E., Hartford, and G. A. Highberg, West Hartford, assignors to The Cushman Chuck Company, Hartford, Conn. Chuck operating mechanism. 2,186,504; Jan. 9.
Sloan, Harry E., and H. E., Jr., Hartford, and G. A. Highberg, West Hartford, assignors to The Cushman Chuck Company, Hartford, Conn. Work supporting attachment for hoists. 2,215,431; Sept. 17.
Sloan, Harry E., Hartford, and G. A. Highberg, West Hartford, assignors to The Cushman Chuck Company, Hartford, Conn. Chuck including operating mechanism therefor. 2,219,851; Oct. 29.
Sloan, Hugh J., Waynesville, assignor to W. S. Sloan, Wilson, N. C. Table. 2,209,142; July 23.
Sloan, James W., Gary, Ind. Scrap separator and material piler. 2,206,270; July 2.
Sloan, Lon, Chicago, Ill., assignor to Morse Chain Company, Ithaca, N. Y. Adjustable drive. 2,196,479; Apr. 9.
Sloan, Lon, Chicago, Ill. Flexible coupling. 2,196,841; Apr. 9.
Sloan, Theodore H., Charleroi, assignor to G. M. S. Corporation, Pittsburgh, Pa. Tumbler press. 2,186,179; Jan. 9.
Sloan Valve Company. (See Sloan, W. E., and Bellamy, assignors.)
Sloan Valve Company. (See Sloan, W. E., and Russell, assignors.)
Sloan, William E., River Forest, and J. I. Bellamy, Brookfield, assignors to Sloan Valve Company, Chicago, Ill. Flush valve. 2,204,191; June 11.
Sloan, William E., River Forest, and I. H. Russell, Oak Park, assignors to Sloan Valve Company, Chicago, Ill. Valve. 2,214,287; Sept. 10.
Sloan, William E., and I. H. Russell, assignors to Sloan Valve Company, Chicago, Ill. Vacuum breaker. 2,226,350; Dec. 24.
Sloan, William S. (See Sloan, Hugh J., assignor.)
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Drive mechanisms for shaker conveyers. Re. 21,318; Jan. 9.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,189,869; Feb. 13.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Support for conveyer troughs of the reciprocating or shaker type. 2,197,512; Apr. 16.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,200,136; May 7.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Conveyer. 2,206,828; July 2.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Drive mechanism for shaker conveyers. 2,215,338; Sept. 17.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 2,225,185; Dec. 17.
Slobody, Peter, San Francisco, Calif. Liquid dispensing device. 2,200,585; May 14.
Sloman, Cheri M., Detroit, and E. S. Ewart, St. Clair Shores, Mich., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Pneumatic tire. 2,186,180; Jan. 9.
Sloman, Cheri M., and H. Hierta, assignors to Briggs Manufacturing Company, Detroit, Mich. Spring device. 2,203,342; June 4.
Slomin, George W. (See Watson, F. A., Slomin, and Dietrich.)
Slonneger, John C., Tulsa, Okla., assignor to The Falk Corporation, Milwaukee, Wis. Counterweighted crank. 2,219,080; Oct. 22.
Slootsky, Morris L., New York, N. Y. Coin packer. 2,215,858; Sept. 24.
Slotterbeck, Ober C., Elizabeth, N. J., assignor to Standard Oil Development Company. Producing alkyl halides by reaction of olefins with hydrogen halides. 2,225,933; Dec. 24.
Slusher, Frank, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Cover assembly for storage batteries. 2,201,275; May 21.
Sluss, George D., El Dorado, Kans. Latch. 2,194,408; Mar. 19.
Slusser-McLean Scraper Company. (See Brodersen, Max M., assignor.)
Sluyter, Arch J., Seattle, Wash. Time-controlled circuit selector. 2,194,034; Mar. 19.
Sluyter, Nicolaas, Bloemendaal, Netherlands. Resilient suspension device. 2,189,870; Feb. 13.
Slye, Edward A. (See Hoye, J. B., and Slye.)
Slye, Edward A. (See Spaunburg, H. L., and Slye.)
Slye, Edward A., East Hartford, Conn., assignor to Veeder-Root Incorporated. Computing counter. 2,203,109; June 4.
Slye, Edward A., East Hartford, Conn., assignor to Veeder-Root Incorporated. Computing counter. 2,213,597; Sept. 3.
Slye, Norman J. (See Krueger, A. G., Vaughan, Slye, and Engel.)
Slye, Norman J. (See Vaughan, F. P., Krueger, and Slye.)
Smale, John A. (See Humby, A. M., Smale, and Copper.)
Small, C. T., Manufacturing Company. (See Mundy, William J., assignor.)
Small, Fred F., deceased, San Francisco, by O. W. Small, San Anselmo, Calif., assignee by decree of court, and C. E. Nagel, Arlington, Va., assignors to J. S. McCarthy, New York, N. Y. Control mechanism for variable speed gearing. Re. 21,410; Mar. 26.
Small, Frederick M., assignor to Martin-Parry Corporation, York, Pa. Wall paneling supporting means. 2,190,806; Feb. 20.
Small, Frederick M., assignor to Martin-Parry Corporation, York, Pa. Cabinet structure. 2,205,826; June 25.
Small, George H. (See Groll, T. F., Jr., and Small.)
Small, Howard, Philadelphia, Pa. Apparatus for dispensing photographic ribbon film. 2,188,377; Jan. 30.
Small, Lisle F., and P. F. Lee, U. S. Navy, and A. A. Jennings, Vallejo, Calif. Spacing turbine blades while securing the same. 2,219,339; Oct. 29.
Small, Osie W. (See Small, Fred F., and Nagel.)
Small, R. B. (See Leathers, Ward, assignor.)
Small, R. B. (See Vose, Edwin W., assignor.)
Small, Raymond B., New Rochelle, N. Y. Bag emptying device. 2,224,094; Dec. 3.
Small, Travis H., et al. (See Brown, Owen Y. and J. D., assignors.)
Smalley, Edwin L., Whitefish Bay, assignor to Hevi Duty Electric Company, Milwaukee, Wis. Heating element mounting construction. 2,202,874; June 4.
Smalley, Lee L., assignor to Bendix Products Corporation, South Bend, Ind. Head lamp meter. 2,197,487; Apr. 16.
Smalley, Lee L., assignor to Bendix Products Corporation, South Bend, Ind. Remote indicator for service equipment. 2,198,923; Apr. 30.
Smalls, Helen, New York, N. Y. Multiple picture frame. 2,218,409; Oct. 15.
Smallwood, Charles H. (See Reich, W. A., and Smallwood.)
Smallwood, Charles H., Brownington, and W. A. Reich, Kansas City, Mo. Traction wheel rim. 2,190,370; Feb. 13.
Smallwood, Hugh M., New York, N. Y., and H. T. Battin, Ridgewood, N. J., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Rotary cutter. 2,200,730; May 14.
Smaltz, John C., assignor to Vacuum Candy Machinery Company, New York, N. Y. Vacuum cooker. 2,217,624; Oct. 8.
Smaltz, John C., New York, N. Y., and C. J. Covert, Glen Rock, N. J., assignors to Vacuum Candy Machinery Company, New York, N. Y. Vacuum cooking and cooling. 2,203,638; June 4.
Smart, Ernest F., assignor to The Peck, Stow & Wilcox Company, Southington, Conn. Adjustable clip. 2,208,860; July 23.
Smart, Francis A. (See Dunn, G. A., and Eldridge.)
Smart, Rupert B., Chicago, Ill. Transmission. 2,195,229; Mar. 26.

Smeby, Adolph H., Los Angeles, Calif., assignor to Hoepli & Co., New York, N. Y. Smoker's device. 2,189,842; Feb. 13.
Smelker, Le Roy, Dayton, Ohio. Trailer. 2,188,545; Jan. 30.
Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Cord hook. 2,193,989; Mar. 19.
Smellie, Donald G., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,202,999; June 4.
Smellie, Donald G., Canton, Ohio, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,212,671; Aug. 27.
Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,224,202; Dec. 10.
Smelser, David A., Bristol, Tenn. Liquid separator or save-all. 2,191,122; Feb. 20.
Smelt, Josephus A. M. (See Lemmens, H. J., Uyterhoeven, and Smelt.)
Smesne, Carl, Mabton, Wash. Axle structure. 2,226,327; Dec. 24.
Smetana, Joseph R., Sedalia, Mo. Casket placer. 2,201,057; May 14.
Smetana, Otto F., Philadelphia, assignor, by mesne assignments, to Textile Machine Works, Wyomissing, Pa. Straight knitting machine. 2,204,322; June 11.
Smethers, James A., Odessa, Tex. Drill stem drive. 2,187,405; Jan. 16.
Smethurst, Joseph O., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave amplifying system. 2,191,547; Feb. 27.
Smethurst, Joseph O., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching circuit. 2,226,952; Dec. 31.
Smeykal, Karl. (See Loewenberg, K., and Smeykal.)
Smeykal, Karl. (See Vogt, E., and Smeykal.)
Smida, Henry C., Hooper, Nebr. Electric tester. 2,212,307; Aug. 20.
Smidth, F. L., & Company. (See Ahlmann, Nikolai, assignor.)
Smidth, F. L., & Company. (See Andersen, Joakin U. F., assignor.)
Smidth, F. L., & Company. (See Borch, Niels S., assignor.)
Smidth, F. L., & Company. (See Borch, N. S., and Middelboe, assignors.)
Smidth, F. L., & Company. (See Fasting, Johan S., assignor.)
Smidth, F. L., & Co. A/S. (See Magnani, Alessandro, assignor.)
Smidth, F. L., & Co. (See Vogel-Jorgensen, Mikael, assignor.)
Smidth, Leonard, Houston, Tex. Urea-formaldehyde condensation product. 2,223,536; Dec. 3.
Smidth, Leonard, New York, assignor to Luco Products Corporation, Brooklyn, N. Y. Urea-formaldehyde molding composition and producing same. 2,209,943; July 30.
Smila, Wallace H., and D. T. Flater, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Reaming tool. 2,212,753; Aug. 27.
Smiley, John B. (See Foster, Robert B., assignor.)
Smiley, Lloyd D., et al. (See Gruendler, William P., assignor.)
Smilie, Robert H. (See Perelli, J., and Smilie.)
Smirl, Richard L. (See Nutt, H., and Smirl.)
Smirnoff, Vsevolod. (See Cchat, A. P., and Smirnoff.)
Smischny, Fred C., Wichita, Kans. Wheel manipulating tool. 2,195,635; Apr. 2.
Smit, J. K., & Sons, Inc. (See Maier, George J., assignor.)
Smit, J. K., & Sons, Inc. (See Taylor, Rutherford H., assignor.)
Smit, Pieter, assignor to N. V. Octrooien-Maatschappij "Activit," Amsterdam, Netherlands. Manufacture of absorbent and ion exchanging materials. 2,191,063; Feb. 20.
Smit, Pieter, assignor to N. V. Octrooien-Maatschappij "Activit", Amsterdam, Netherlands. Purification of liquid matter. 2,198,393; Apr. 23.
Smit, Pieter, assignor to N. V. Octrooien-Maatschappij "Activit", Amsterdam, Netherlands. Changing the character of solutions by base exchange. 2,205,635; June 25.
Smit, Pieter, assignor to N. V. Octrooien Maatschappij "Activit", Amsterdam, Netherlands. Purifying of liquids with the aid of active carbonaceous colloids. 2,221,683; Nov. 12.
Smit, William, Johannesburg, Transvaal, South Africa. Metal protector for footwear. 2,205,073; June 18.
Smith, A. O., Corporation. (See Andrus, Orrin E., assignor.)
Smith, A. O., Corporation. (See Chyle, John J., assignor.)
Smith, A. O., Corporation. (See Gruetjen, Frederick A., assignor.)
Smith, A. O., Corporation. (See Harp, Wilbur C., assignor.)
Smith, A. O., Corporation. (See Holmberg, Einar O., assignor.)
Smith, A. O., Corporation. (See Kepler, W. R., and Nilson, assignors.)
Smith, A. O. Corporation. (See Kepler, William R., assignor.)
Smith, A. O., Corporation. (See Larson, Louis J., assignor.)
Smith, A. O., Corporation. (See Nilson, Eric H., assignor.)
Smith, A. O., Corporation. (See Nyberg, Erik G., assignor.)
Smith, A. O., Corporation. (See Sherman, Donald W., assignor.)
Smith, A. O., Corporation. (See Zerbe, Frederick K., assignor.)
Smith, Albert A., Rockford, Ill., assignor, by mesne assignments, to Walter A. Greine, Madison, Ind. Basket carriage. 2,212,053; Aug. 20.
Smith, Albert C., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,207,701; July 16.
Smith, Albert K. (See Prutton, C. F., and Smith.)
Smith, Albert K. (See Prutton, C. F., Smith, and Johnson.)
Smith, Albert T., Redwood City, Calif. Angle shaft coupling. 2,218,303; Oct. 15.
Smith, Albert W., assignor to United Dairy System, Inc., Springfield, Mass. Portable bar. 2,193,780; Mar. 12.
Smith, Allan K. (See Brother, G. H., and Smith.)
Smith, Allyn M., Taborton, N. Y. Boat ladder. 2,187,633; Jan. 16.
Smith, Allyne H., assignor, by mesne assignments, to Aeration Processes, Inc., Columbus, Ohio. Method and apparatus for introducing gases into closed containers. 2,212,379; Aug. 20.
Smith, Alonzo L., assignor of twenty per cent to S. Thayer, Houston, Tex. Locating oil bearing sands. 2,206,922; July 9.
Smith, Alva T., assignor to National Enameling and Stamping Company, Milwaukee, Wis. Temperature control for electric cooking devices. 2,190,276; Feb. 13.
Smith, Alva T., and L. Schultz, assignors to The Sunlite Mfg. Company, Milwaukee, Wis. Ironing pad. 2,214,824; Sept. 17.
Smith, Anthony N., Girard, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Sparking paper rupture gun. 2,226,144; Dec. 24.
Smith, Archibald C., and R. H. Weller, Rochester, N. Y., assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Method of and machine for treating shoes. 2,197,902; Apr. 23.
Smith, Archibald C., Rochester, N. Y., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Seam pressing machine. 2,207,030; July 9.
Smith, Arthur C., Rosenberg, Tex. Self-inflating inner tube for tires. 2,214,597; Sept. 10.
Smith, Arthur R., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine plant. 2,188,194; Jan. 23.
Smith, Arthur R., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine bucket wheel. 2,220,918; Nov. 12.
Smith, Arthur R., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine bucket wheel. 2,221,684; Nov. 12.
Smith, Arthur R., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine bucket unit. 2,221,685; Nov. 12.
Smith, Ashton K., Franklin, La. Cane juice clarifier. 2,205,934; June 25.
Smith, Auburn, Columbus, Ohio. Gas burner. 2,215,983; Sept. 24.
Smith, Basil N., Corpus Christi, Tex. Clothesline prop. 2,209,638; July 30.
Smith, Beauford B., San Diego, Calif., assignor to E. F. Andrews, Chicago, Ill. Aircraft. Re. 21,478; June 4.
Smith, Ben H., Statesboro, Ga. Spraying machine. 2,221,494; Nov. 12.
Smith, Benjamin A., Lakewood, assignor to The C. O. Bartlett & Snow Company, Cleveland, Ohio. Apparatus for conditioning sand and like materials. 2,188,798; Jan. 30.
Smith, Benjamin M. (See Abbott, W. E., and Smith.)
Smith, Bernard C., Brooklyn, N. Y. Pin-tumbler lock. 2,199,165; Apr. 30.
Smith, Bert, Teaneck, N. J., assignor to American Throttle Company, Inc., New York, N. Y. Throttle valve. 2,208,736; July 23.
Smith, Birdie M., Fort Worth, Tex. Hook-up boom. 2,198,844; Apr. 30.
Smith, Burch and F. L. Xenia, Ohio. Paint marker. 2,207,180; July 9.
Smith, Burgess W., Rochester, N. Y. Directional signal. 2,197,226; Apr. 16.
Smith, Burns L., Los Angeles, Calif. Platen and manufacturing the same. 2,203,752; June 11.
Smith, Caleb, Seneca Falls, N. Y. Automatic speed synchronizing unit for twin motors. 2,217,971; Oct. 15.
Smith, Calvin L., Portland, Oreg. Motor driven tooth cleaning device. 2,226,145; Dec. 24.
Smith, Carleton N., Rocky River, Ohio, assignor to Carbide and Carbon Chemicals Corporation. Rapid solution of vinyl resins. 2,198,794; Apr. 30.
Smith, Carleton N., Rocky River, Ohio, assignor to Carbide and Carbon Chemicals Corporation. Self-lacquering thermoplastic materials. 2,209,940; July 30.
Smith, Carlton E. (See McKinney, R. M., and Smith.)
Smith, Carlton V., Coquille, Oreg. Detonating toy. 2,225,510; Dec. 17.
Smith, Carroll C. (See Williams, L., and Smith.)

Smith, Charles C., Stratford, Conn., assignor to General Electric Company. Connector plug. 2,223,231; Nov. 26.
Smith, Charles D., Colorado Springs, Colo. X-ray fiter. 2,216,326; Oct. 1.
Smith, Charles E., Fairmont, W. Va. Tire chain. 2,215,840; Sept. 24.
Smith, Charles E., Tonawanda, assignor to Remington Rand Inc., New York, N. Y. Typewriting and like machine. 2,208,806; July 23.
Smith, Charles G., Medford, assignor to Raytheon Manufacturing Company, Newton, Mass. Electrical gaseous discharge device. 2,197,398; Apr. 16.
Smith, Charles G., Medford, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Electronic discharge method and apparatus. 2,201,817; May 21.
Smith, Charles G., Medford, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Electronic discharge device. 2,201,818; May 21.
Smith, Charles G., Medford, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Electronic device. 2,201,819; May 21.
Smith, Charles G., Medford, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Gaseous discharge device. 2,217,185; Oct. 8.
Smith, Charles G., Medford, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. High current space discharge device. 2,217,186; Oct. 8.
Smith, Charles G., Medford, assignor to Raytheon Manufacturing Company. Electrical discharge apparatus. 2,217,187; Oct. 8.
Smith, Charles H., Portland, Oreg. Automatic flow control means. 2,189,330; Feb. 6.
Smith, Charles L., Mount Carmel, Ill. Game. 2,192,667; Mar. 5.
Smith, Charles S., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange apparatus. 2,226,445; Dec. 24.
Smith, Charles V., Buffalo, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treating yarn. 2,202,031; May 28.
Smith, Chesley E., Amherst, Nova Scotia, Canada. Self-adjusting safety ball-sleeve joint. 2,200,643; May 14.
Smith, Christopher I. (See Cole, L. W., and Smith.)
Smith, Christopher I. (See Cole, L. W., Smith, and Jensen.)
Smith, Clarence C., Bayside, Long Island, and R. M. Johnson, Flushing, assignors to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,189,046; Feb. 6.
Smith, Clarence C., Flushing, assignor to International Business Machines Corporation, New York, N. Y. Machine for reading perforated record cards. 2,203,000; June 4.
Smith, Clarence C., Chicago, and G. Sauer, Berwyn, assignors to Union Special Machine Company, Chicago, Ill. Looper and feeding mechanism for sewing machines. 2,219,211; Oct. 22.
Smith, Clarence E. (See Levy, M. A., and Smith.)
Smith, Clarence E., Dearborn, assignor to Pyro-Electro Instrument Co., Detroit, Mich. Hardness test machine. 2,198,259; Apr. 23.
Smith, Clarence E., Dearborn, assignor to Pyro-Electro Instrument Co., Detroit, Mich. Hardness testing machine. 2,224,936; Dec. 17.
Smith, Clarence F., Middletown, Ohio, assignor to Inland Container Corporation, Indianapolis, Ind. Rim reinforced case and forming same. 2,191,291; Feb. 20.
Smith, Clarence Z., Atlanta, Ga. Vehicle brake equalizer. 2,195,099; Mar. 26.
Smith, Clark L., Leola, Pa. Feed mixing apparatus. 2,192,806; Mar. 5.
Smith, Clifford E., Belton, S. C. Hitch pin. 2,185,447; Jan. 2.
Smith, Clifford H., Brooklyn, N. Y. Recording and classifying information. 2,206,206; July 2.
Smith, Clyde Z., Scarsdale, N. Y. Vehicle suspension. 2,216,327; Oct. 1.
Smith, Cyril S., Cheshire, Conn. Apparatus for controlling temperature of furnaces. 2,220,028; Oct. 29.
Smith, Cyril S., Cheshire, and I. T. Hook, New Haven County, Conn., assignors to The American Brass Company. Alloy. 2,220,464; Nov. 5.
Smith, D. B., & Company. (See Smith, Myron H., assignor.)
Smith, Dallas M., Kirkwood, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Piston expander. 2,208,529; July 16.
Smith, Dallas M., Kirkwood, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Piston expander. 2,210,844; Aug. 6.
Smith, Dallas M., Kirkwood, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Piston expander. 2,212,902; Aug. 27.
Smith, Dallas M., Kirkwood, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Piston expander. 2,217,625; Oct. 8.
Smith, Dallas M., Kirkwood, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Piston expander. 2,223,795; Dec. 3.
Smith, Dallas M., Kirkwood, and G. C. Mayfield, Richmond Heights, assignors to McQuay-Norris Manufacturing Company, St. Louis, Mo. Piston expander. 2,212,817; Aug. 27.
Smith, Daniel B. (See Cottengim, Karl M., assignor.)
Smith, David M., Hermosa Beach, assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Rotary swivel. 2,195,501; Apr. 2.
Smith, David T. (See Crane, E. J., and Smith.)
Smith, Dennis W., assignor to Colborne Manufacturing Company, Chicago, Ill. Multiple pie plate holder. 2,188,558; Jan. 30.
Smith, Dennis W., assignor to Colborne Manufacturing Company, Chicago, Ill. Marking device. 2,192,417; Mar. 5.
Smith, Dennis W., assignor to Colborne Manufacturing Company, Chicago, Ill. Pie making machine. 2,200,347; May 14.
Smith, Donald A., Detroit, Mich. Clamping device. 2,223,644; Dec. 3.
Smith, Donald H., Hempstead, N. Y., and H. H. Wheeler, Millburn, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Electrical insulator. 2,218,497; Oct. 15.
Smith, Donald R., Scotia, N. Y., assignor to General Electric Company. Electric valve circuit. 2,207,735; Nov. 5.
Smith, Douglas G. (See Mitchell, Harry R., assignor.)
Smith, Drum and Company. (See Drum, H. S., Dodson, and Jaxheimer, assignors.)
Smith, Earl F., and G. K. Wilson, Muncie, Ind. Receptacle. 2,199,092; Apr. 30.
Smith, Earl K., West Orange, N. J., assignor to Electrons, Inc. Vacuum tube construction. 2,203,639; June 4.
Smith, Earl W., assignor to Röhm & Haas Company, Philadelphia, Pa. Sulphation of higher alcohols. 2,204,323; June 11.
Smith, Ed S., Jr. (See Erbguth, P. F. K., Sandberg, and Smith.)
Smith, Ed. S., Jr. (See Sandberg, R. A. F., Erbguth, and Smith.)
Smith, Ed S., Jr., St. Albans, N. Y., assignor to Builders Iron Foundry, Providence, R. I. Telemetric controller. 2,207,949; July 16.
Smith, Edgar A., New York, N. Y. Pneumatic tire tube. 2,206,621; July 2.
Smith, Edmund L. R. (See Noland, B. H., and Smith.)
Smith, Edward A., West Englewood, N. J. Snow removal. 2,221,386; Nov. 12.
Smith, Edward F., Chicago, Ill., assignor to Haynes Stellite Company. Welding process. 2,189,595; Feb. 6.
Smith, Edward M. (See Chambers, L. A., and Smith.)
Smith, Edward W., Melrose, assignor to Submarine Signal Company, Boston, Mass. Vibrational machinery. 2,191,504; Feb. 27.
Smith, Edward W., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Electric storage battery. 2,193,781; Mar. 12.
Smith, Edward W., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Negative plate with pure lead-coated grid. 2,193,782; Mar. 12.
Smith, Edward W., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Positive plate with pure lead-coated grid. 2,193,783; Mar. 12.
Smith, Edward W., Melrose, assignor to Submarine Signal Company, Boston, Mass. Apparatus for treating metals. 2,198,637; Apr. 30.
Smith, Edward W., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Storage battery. 2,199,229; Apr. 30.
Smith, Edward W., Melrose, assignor to Submarine Signal Company, Boston, Mass. Apparatus for vibrating paper making machines. 2,202,032; May 28.
Smith, Edward W., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Vent and filling device. 2,220,005; Oct. 29.
Smith, Edward W., and C. A. Hall, assignors to The Electric Storage Battery Company, Philadelphia, Pa. Setting storage battery plates. 2,220,004; Oct. 29.
Smith, Elias A. C., assignor to Guggenheim Brothers, New York, N. Y. Apparatus for the recovery of salts from aqueous solutions. 2,204,777; June 18.
Smith, Elmer H., assignor to Smith Welding Equipment Corporation, Minneapolis, Minn. Acetylene generator. 2,199,248; Apr. 30.
Smith, Elmer H., assignor to Smith Welding Equipment Corporation, Minneapolis, Minn. Making torch tips. 2,215,019; Sept. 17.
Smith, Elmer L., Longmeadow, and C. Wetsel, assignors to Package Machinery Company, Springfield, Mass. Continuous motion wrapping machine. 2,189,087; Feb. 6.
Smith, Elmer L., Longmeadow, and C. Wetsel, assignors to Package Machinery Company, Springfield, Mass. Article forwarding device for wrapping machines. 2,204,162; June 11.
Smith, Elmer L., Longmeadow, assignor to Package Machinery Company, Springfield, Mass. Intermittent drive. 2,210,734; Aug. 6.
Smith, Elmer W., et al. (See Smythe, Robert H., assignor.)
Smith, Ernest F., Edgar, Nebr. Tire tool. 2,217,139; Oct. 8.
Smith, F. Howard, et al., executors. (See Pugh, John D.)

Smith, Florence, Long Island City, N. Y. Pocket folding toothbrush. 2,216,026; Sept. 24.
Smith, Floyd, assignor to Irving Air Chute Co. Inc., Buffalo, N. Y. Parachute and safety harness apparatus. 2,192,109; Feb. 27.
Smith, Floyd S., assignor of one-third to Wm. H. Hatchett, Portsmouth, Va. Fire safety device for automobiles or airplanes. 2,204,735; June 18.
Smith, Frank B. (See Bass, S. L., Kauppi, and Smith.)
Smith, Frank B. (See Britton, E. C., and Smith.)
Smith, Frank B. (See Fletcher, F. W., Lynn, and Smith.)
Smith, Frank B. (See Kauppi, T. A., Bacon, and Smith.)
Smith, Frank B., assignor to The Dow Chemical Company, Midland, Mich. Cyclohexylated diaryl ethers. 2,195,383; Mar. 26.
Smith, Frank B., and H. W. Moll, assignors to The Dow Chemical Company, Midland, Mich. C-cyclohexyl-diphenylamines and making them. 2,194,079; Mar. 19.
Smith, Frank B., and J. N. Hansen, assignors to The Dow Chemical Company, Midland, Mich. Production of useful chemicals from isomeric mono-nitro-ortho dichlorobenzene mixtures. 2,196,580; Apr. 9.
Smith, Frank B., and H. W. Moll, assignors to The Dow Chemical Company, Midland, Mich. Alkyl and cycloalkyl derivatives of 1,3-dimethyl-1,3-diphenyl-cyclobutane. 2,221,271; Nov. 12.
Smith, Frank B., and H. W. Moll, assignors to The Dow Chemical Company, Midland, Mich. Hydrocarbon substituted phenothioxine compounds. 2,221,819; Nov. 19.
Smith, Frank B., and H. W. Moll, assignors to The Dow Chemical Company, Midland, Mich. Cycloalkyl-phenothioxine compounds. 2,221,820; Nov. 19.
Smith, Frank H., New York, N. Y. Press. 2,227,279; Dec. 31.
Smith, Frank H., New York, N. Y., deceased, and H. A. Stringfellow, St. Thomas, Ontario, Canada, J. W. Brown, administrator of said F. H. Smith, assignors, by mesne assignments, of one-half to said Stringfellow, and one-half to G. D. Hartley, Worcester, Mass. Strip mill. 2,201,210; May 21.
Smith, Frank J., Louisville, Ky., assignor to Standard Oil Company, Chicago, Ill. Petroleum distillation. 2,203,930; June 11.
Smith, Frank K., and C. M. Brown, Tecumseh, Mich. Refrigeration compressor. 2,191,326; Dec. 20.
Smith, Frank L. (See Smith, Burch and F. L.)
Smith, Frank L., Los Angeles, Calif. Reel for hose, cables, etc. 2,219,201; Oct. 22.
Smith, Frank M., assignor, by mesne assignments, to Stout Engineering Laboratories, Inc., Dearborn, Mich. Motor vehicle. 2,205,636; June 25.
Smith, Franklin S., New Haven, Conn. Apparatus and method of treating bulk material. 2,212,575; Aug. 27.
Smith, Franklin S., New Haven, Conn. Apparatus for controlling the flow of a fluid product. 2,217,298; Oct. 8.
Smith, Franklin S., New Haven, Conn. Apparatus for treating materials. 2,222,634; Nov. 26.
Smith, Franklin S., New Haven, Conn. Apparatus for removing foreign particles. 2,227,280; Dec. 31.
Smith, Frederic H., Haverhill, Mass., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heating system. 2,204,708; June 18.
Smith, Frederick A., North Chicago, Ill., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Hub cap lock. 2,217,775; Oct. 15.
Smith, Frederick C. (See Place, W. P., and Smith.)
Smith, Fredrick C. (See Swallow, F. P., and Smith.)
Smith, G. Frederick, Chemical Company, The. (See Smith, George F., assignor.)
Smith, George A., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Method and apparatus for orienting drill stems. 2,187,367; Jan. 16.
Smith, George E., Oakland, Calif. Game apparatus. 2,223,189; Nov. 26.
Smith, George E., and W. W. Stallworthy, assignors to Toronto Type Foundry Company Limited, Toronto, Ontario, Canada. Sheet folding machine. 2,216,655; Oct. 1.
Smith, George F., Urbana, Ill., assignor to The G. Frederick Smith Chemical Company, Columbus, Ohio. Cathode ray tube titration apparatus. 2,192,777; Mar. 5.
Smith, George H., Kenmore, N. Y., assignor to The Linde Air Products Company. Cutting metals. 2,205,499; June 25.
Smith, George K., Moundsville, W. Va. Tire chain tightener. 2,188,120; Jan. 23.
Smith, George R., Jr., et al. (See Rosenstein, Albert L., assignor.)
Smith, George R., and A. K. Grafton, Los Angeles, Calif. Air conditioning, cooling, and heating apparatus. 2,223,429; Dec. 3.
Smith, George S. (See Seigle, W. R., O'Brien, and Smith.)
Smith, George W. and J. A., assignors to Kenmore Machine Products, Inc., Lyons, N. Y. Oil separator for refrigeration systems. 2,190,138; Feb. 13.
Smith, Gerald F., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Power system. 2,217,499; Oct. 8.
Smith, Gerald G. R., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Preparation of vitamin concentrate. 2,207,385; July 9.
Smith, Gilbert H. (See Handforth, S. L., Johnson, and Smith.)
Smith, Gilbert H., Woodbury, and C. B. Van Winter, Wenonah, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Blasting initiator. 2,189,301; Feb. 6.
Smith, Glen. (See Marsh, H. E., and Smith.)
Smith, Graydon, Cambridge, assignor to Reed Prentice Corporation, Worcester, Mass. Apparatus for treating thermoplastic products. 2,203,620; June 4.
Smith, Graydon, Cambridge, assignor to Reed-Prentice Corporation, Worcester, Mass. Magnetic field structure. 2,226,448; Dec. 24.
Smith, Graydon, Cambridge, and A. Allen, Sharon, assignors by mesne assignments to Reed-Prentice Corporation, Worcester, Mass. Treating thermoplastic products. 2,226,446; Dec. 24.
Smith, Graydon, Cambridge, and A. Allen, Sharon, assignors to Reed-Prentice Corporation, Worcester, Mass. Magnetic heater. 2,226,447; Dec. 24.
Smith, Guy. (See Schwab, J. W., Powell, and Smith.)
Smith, Guy E., Mangum, Okla. Automatic grave curtain. 2,208,479; July 16.
Smith, Hale G., Beechhurst, assignor to Aerial Explorations, Inc., Long Island City, N. Y. Measuring instrument. 2,195,040; Mar. 26.
Smith, Hamilton, et al. (See Larson, Russell W., assignor.)
Smith, Hannah M. (See Keen, Thomas A., assignor.)
Smith, Harold D. (See Boynton, Harry L., assignor.)
Smith, Harold D., Los Angeles, Calif. Silencer. 2,202,272; May 28.
Smith, Harold J., Riverside, and C. B. Bild, assignors, by mesne assignments, to Dixie-Vortex Company, Chicago, Ill. Method and machine for making paper cups. 2,203,510; June 4.
Smith, Harold L., Whitefish Bay, assignor to The Louis Allis Company, Milwaukee, Wis. Dynamo-electric machine. 2,185,740; Jan. 2.
Smith, Harry, Leytonstone, London, England, assignor to The West Company, Inc., Philadelphia, Pa. Cap for collapsible tubes and other containers. 2,208,201; July 16.
Smith, Harry E. (See Caprio, A. F., and Smith.)
Smith, Harry F. (See Newill, E. B., McCormack, Wolcott, and Smith.)
Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,186,844; Jan. 9.
Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,190,341; Feb. 13.
Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Electrical apparatus. 2,198,488; Apr. 23.
Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,203,207; June 4.
Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,215,534; Sept. 24.
Smith, Harry V. (See Allen, F. E., and Smith.)
Smith, Harry W., North Grafton, and A. E. Cave, Barre, Mass.; said Cave assignor to said Smith. Vehicle door control. 2,219,340; Oct. 29.
Smith, Harvey J., Danville, Va. Vending machine. 2,212,797; Aug. 27.
Smith, Hattie. (See Brantley, George, assignor.)
Smith, Henry A., Berkeley, Calif., assignor, by mesne assignments, to National Oil Products Co., Harrison, N. J. Manufacture of a feed material from lettuce. 2,190,176; Feb. 13.
Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin composition containing tetrahydrofurfuryl oxalate. 2,197,420; Apr. 16.
Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose ester compositions. 2,209,357; July 30.
Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin compositions containing trimethylene glycol ditetrahydrofuroate. 2,213,771; Sept. 3.
Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin compositions containing diglycerol tetrapropionate. 2,218,251; Oct. 15.
Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin compositions containing diethylene glycol ditetrahydrofuroate. 2,221,031; Nov. 12.
Smith, Henry B., and D. R. Swan, assignors to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin composition containing tetrahydrofurfuryl tetrahydrofuroate. 2,197,421; Apr. 16.
Smith, Henry B., and D. R. Swan, assignors to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheets containing the ethyl ether of diethylene glycol succinate. 2,216,461; Oct. 1.
Smith, Henry C., Jr., assignor to The Quickwork Company, Chicago, Ill. Circle cutting attachment for rotary shears. 2,209,211; July 23.
Smith, Henry M., Schenectady, N. Y., assignor to General Electric Company. Discharge device. 2,218,386; Oct. 15.
Smith, Henry R., Columbia, S. C. Delivery car. 2,225,802; Dec. 24.

Smith, Herbert J., Greenfield, Mass. Tap. 2,227,281; Dec. 31.
Smith, Herbert J., University City, assignor to Ralston Purina Company, St. Louis, Mo. Poultry lice exterminator. 2,191,548; Feb. 27.
Smith, Herman A. (See Stafford, S. B., and Smith.)
Smith, Herman C. (See Phipps, John T., assignor.)
Smith, Herman C., Whittier, Calif. Roller bit. 2,213,351; Sept. 3.
Smith, Herman E., Hampden-Sydney, Va. Football player's equipment. 2,196,124; Apr. 2.
Smith, Herman R., Douglaston, N. Y., assignor to Raymond Concrete Pile Company, New York, N Y. Shock absorbing drive for earth boring apparatus. 2,210,506; Aug. 6.
Smith, Herschel. (See Dorsett, L. P., and Smith.)
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Lubrication of special alloy bearings. 2,192,874; Mar. 5.
Smith, Hinsdale, Jr. (See Smith, Hinsdale, assignor.)
Smith, Hinsdale, Jr., New York, N. Y. Apparatus for developing photographic films. 2,218,727; Oct. 22.
Smith, Hinsdale, Springfield, Mass., assignor to H. Smith, Jr., New York, N. Y. Developing tray. 2,192,940; Mar. 12.
Smith, Hiram P. (See Lindgren, A. C., and Smith.)
Smith, Homer L., Covington, Ky. Wall and floor tiling system. 2,205,700; June 25.
Smith, Homer P., Seattle, Wash. Motor driven wheel chair. 2,224,411; Dec. 10.
Smith, Horace L., Jr., and L. N. Jones, Richmond, Va., assignors, by mesne assignments, to The Guardite Corporation, Chicago, Ill. Tobacco treatment process. 2,217,935; Oct. 15.
Smith, Horace S., assignor to The Glauber Brass Manufacturing Company, Kinsman, Ohio. Sink fixture. 2,218,662; Oct. 22.
Smith, Houston S., Prescott, Ariz. Bass viol. 2,223,190; Nov. 26.
Smith, Howard A. (See Howard, L., and Smith.)
Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Double break electric switch. 2,190,342; Feb. 13.
Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Supporting base for electric appliances. 2,194,837; Mar. 26.
Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Thermostat. 2,198,133; Apr. 23.
Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Automatic temperature control sadiron. 2,198,924; Apr. 30.
Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Drier for hair and the like. 2,201,506; May 21.
Smith, Howard B., Port Washington, N. Y. Clothespin. 2,206,733; July 2.
Smith, Howard F. (See Sorensen, Sam, assignor.)
Smith, Howard H., Chicago, Ill., assignor to Peru Radio Laboratories, Inc., Peru, Ind. Electromechanical amplifier. 2,205,227; June 18.
Smith, Howard S., Plainville, and J. L. Robertson, Forestville, assignors to The Trumbull Electric Manufacturing Company, Plainville, Conn. Brooder. 2,200,901; May 14.
Smith, Howard V., assignor to Skelly Oil Company, El Dorado, Kans. Cracking hydrocarbons. 2,220,795; Nov. 5.
Smith, Howard W., Ellwood City, Pa., assignor to The Aetna Standard Engineering Company, Youngstown, Ohio. Draw bench. 2,196,155; Apr. 2.
Smith, Howard W., Ellwood City, Pa., assignor to The Aetna Standard Engineering Company, Youngstown, Ohio. Mandrel rod support and operating mechanism. 2,224,838; Dec. 10.
Smith, Irving R. (See Mueller, W. J., and Smith.)
Smith, Irving R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper oxide rectifier. 2,221,616; Nov. 12.
Smith, Irwin F., assignor to Nutting Truck Company, Faribault, Minn. Jack. 2,190,953; Feb. 20.
Smith, Israel A., Independence, Mo. Cereal bowl. 2,207,417; July 9.
Smith, J. Ernest, Brooklyn, N. Y., assignor to Radio Corporation of America. Modulation system. 2,223,430; Dec. 3.
Smith, J. H., assignor to Wesson Company, Detroit, Mich. Universal vise and workholder. 2,207,881; July 16.
Smith, J. P., Shoe Company. (See De Vito, A., and Barma, assignors.)
Smith, Jacob G. (See Shoemaker, Alvin H., assignor.)
Smith, James A. (See Smith, George W. and J. A.)
Smith, James E., San Francisco, Calif. Bumper guard. 2,190,891; Feb. 20.
Smith, James E., Brooklyn, N. Y., assignor to Radio Corporation of America. Touching up radio photographs. 2,223,431; Dec. 3.
Smith, James F. (See Dawson, Smith, and Metzner.)
Smith, James J., Marietta, assignor to Onondaga Pottery Company, Syracuse, N. Y. Shipping carton for chinaware. 2,192,582; Mar. 5.
Smith, James N., Westfield, N. J., assignor to Aluminum Company of America, Pittsburgh, Pa. Die casting apparatus. 2,217,239; Oct. 8.
Smith, James N., Westfield, N. J., assignor to Aluminum Company of America, Pittsburgh, Pa. Pressure casting apparatus. 2,220,776; Nov. 5.
Smith, Jane E., New York, N. Y. Finger attachment. 2,225,571; Dec. 17.
Smith, Jerome C. (See Loughren, A. V., and Smith.)
Smith, Jerome C., Merchantville, N. J., assignor to Radio Corporation of America. Mounting for tuning elements. 2,193,115; Mar. 12.
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,206,583; July 2.
Smith, Jesse C., Merrick, N. Y. Producing hypodermic needles. 2,208,606; July 23.
Smith, Jesse C., Merrick, N. Y., assignor to Mac Gregor Instrument Company, Needham, Mass. Hypodermic needle. 2,217,602; Oct. 8.
Smith, John E., Plainfield, N. J. Electric heating unit. 2,192,655; Mar. 5.
Smith, John E., Plainfield, N. J. Electrical heating unit. 2,211,520; Aug. 13.
Smith, John E., Plainfield, N. J. Electrical heating unit. 2,213,722; Sept. 3.
Smith, John E., Plainfield, N. J. Electrical heating unit. 2,213,723; Sept. 3.
Smith, John E., Plainfield, N. J. Electrical heating unit. 2,222,883; Nov. 26.
Smith, John F., Quincy, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Pressing machine for use in footwear manufacture. 2,204,386; June 11.
Smith, John F., Quincy, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Shoe parts press. 2,224,612; Dec. 10.
Smith, John F., Quincy, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Manufacture of welted footwear. 2,224,613; Dec. 10.
Smith, John P., Erlton, N. J., assignor to Radio Corporation of America. Volume control device. 2,185,870; Jan. 2.
Smith, John P., and W. F. Henderson, assignors to The Visking Corporation, Chicago, Ill. Moistureproof sausage casing and making same. 2,201,457; May 21.
Smith, John S., Hazel Crest, and F. Dawson, Chicago Heights, Ill. Discharge lamp and operating the same. 2,190,687; Feb. 20.
Smith, John T., Clovis, assignor of one-half to W. C. Overton, Fort Sumner, N. Mex. Display rack. 2,189,254; Feb. 6.
Smith, John W., Overbrook Manor, Pa. Apparatus for spraying liquid fuel into a combustion chamber having the required turbulence. 2,186,216; Jan. 9.
Smith, John W., Philadelphia, Pa. Fabricating propeller blades. 2,193,351; Mar. 12.
Smith, John W. (See Searles, R. R., and Smith.)
Smith, Joseph B. (See Brown, Elmer L., assignor.)
Smith, Joseph B. (See Traver, Merrick K., assignor.)
Smith, Joseph E. (See Lenher, S., and Smith.)
Smith, Joseph N., Salem, and J. M. Bierer, Waban, assignors to Boston Woven Hose & Rubber Company, Cambridge, Mass. Multiloop V belt. 2,195,125; Mar. 26.
Smith, Joseph N., Salem, and J. M. Bierer, Waban, assignors to Boston Woven Hose & Rubber Company, Cambridge, Mass. Making multiloop V belts. 2,195,126; Mar. 26.
Smith, Joshua M. (See Shmidl, A. J., and Smith.)
Smith, Kathryn L., administratrix. (See Smith, William H.)
Smith, Kenneth, Lenexa, Kans. Golf club. 2,198,350; Apr. 23.
Smith, Kenneth, Fort Leavenworth, Kans. Gas mask and helmet. 2,222,635; Nov. 26.
Smith, Kline & French Laboratories. (See Nabenhauer, Fred P., assignor.)
Smith, L. C, & Corona Typewriters, Inc. (See Avery, Henry A., assignor.)
Smith, L. C., & Corona Typewriters, Inc. (See Avery, H. A., and Barkdoll, assignors.)
Smith, L. C., & Corona Typewriters, Inc. (See Avery, H. A., Barkdoll, and Evans, assignors.)
Smith, L. C., & Corona Typewriters, Inc. (See Barkdoll, Joseph P., assignor.)
Smith, L. C., & Corona Typewriters, Inc. (See Barrett, Glenn J., assignor.)
Smith, L. C., & Corona Typewriters, Inc. (See Brown, Carleton F., assignor.)
Smith, L. C., & Corona Typewriters, Inc. (See Flanigan, John J., assignor.)
Smith, L. C., & Corona Typewriters, Inc. (See Harmon, Edwin L., assignor.)
Smith, L. C., & Corona Typewriters, Inc. (See McFarland, William E., assignor.)
Smith, L. C., & Corona Typewriters, Inc. (See Potter, Linn E., assignor.)
Smith, Lawrence C., Kenmore, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Bellows assembly for refrigerant control valves. 2,197,454; Apr. 16.
Smith, Lawrence C., Kenmore, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Refrigerant evaporator. 2,208,169; July 16.

Smith, Lawrence C., Kenmore, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Thermostatic expansion valve and valve control element. 2,223,298; Nov. 26.
Smith, Lawrence G., and J. F. Green, assignors to The Green Co. Inc., Oshkosh, Wis. Feeder or injector. 2,189,255; Feb. 6.
Smith, Lee B., Woodbridge, N. J., assignor to General Chemical Company, New York, N. Y. Manufacture of alkali metal formaldehyde sulphoxylate. 2,198,682: Apr. 30.
Smith-Lee Co. (See Kempe, John G., assignor.)
Smith, Lelia Logan, executrix. (See Williams, I., and Smith.)
Smith, Leon A. (See Edgar, L. M., and Smith.)
Smith, Leonard B. (See Milnes, Henry R., assignor.)
Smith, Leroy, and A. J. Ingersoll, Wildwood, N. J. Battery support. 2,197,623; Apr. 16.
Smith, Lester C., West Hartford, assignor to The Spencer Turbine Company, Hartford, Conn. Vacuum cleaner. 2,193,784; Mar. 12.
Smith, Lewis R., Jackson, Mich., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control mechanism. Re. 21,510; July 16.
Smith, Lindsley, Southport, Conn. Forming tool. 2,207,181; July 9.
Smith, Lloyd A. (See Brooker, L. G. S., and Smith.)
Smith, Lloyd E. (See Claborn, H. V., and Smith.)
Smith, Lloyd E., Washington, D. C., dedicated to the free use of the public of The United States of America. Insecticide. 2,217,566; Oct. 8.
Smith, Lloyd E., Washington, D. C., dedicated to the free use of the People in the Territory of the United States. Insecticide. 2,226,672; Dec. 31.
Smith, Lloyd E., Washington, D. C., assignor to H. A. Wallace, as Secretary of Agriculture of the United States of America, and his successors in office. Insecticide. 2,191,299; Feb. 20.
Smith, Lloyd E., Washington, D. C., assignor to H. A. Wallace, as Secretary of Agriculture of the United States of America, and his successors in office. Insecticide. 2,191,300; Feb. 20.
Smith, Lloyd E., Washington, D. C., assignor to H. A. Wallace, as Secretary of Agriculture of the United States of America, and his successors in office. Insecticide. 2,191,301; Feb. 20.
Smith, Lloyd L., Minneapolis, Minn. Apparatus for making plastic forms. 2,187,562; Jan. 16.
Smith, Lloyd L., Minneapolis, Minn. Waterproof, quick-setting adhesive Portland cement and making same. 2,187,668; Jan. 16.
Smith, Lloyd P. (See Haeff, A. V., and Smith.)
Smith, Lowell R., et al. (See Hardy, E. J., and C.)
Smith, Loyd A., assignor to Callaway Mills, La Grange, Ga. Thread extracting attachment. 2,218,123; Oct. 15.
Smith, Lucian B. (See McKinley, C. W., Smith, and Dinsmore.)
Smith, Lucian S., Los Angeles, Calif. Boring tool. 2,197,162; Apr. 16.
Smith, Lucian S., Los Angeles, Calif. Oil well shut-off. 2,199,085; Apr. 30.
Smith, Lucius N., Emory University, assignor of one-half to C. R. Medley, Columbus, Ga. Household power unit. 2,185,100; Mar. 26.
Smith, Lynwood H., Kansas City, Mo., and C. F. Schnabel, Kansas City, Kans., assignors to American Dairies Incorporated, Kansas City, Mo. Fodder and making same. 2,189,438; Feb. 6.
Smith, Margaret B., New York, N. Y. Rim for infants' cups. 2,226,146; Dec. 24.
Smith, Marion F. (See Moeller, W. J., Greider, and Smith.)
Smith Meter Company. (See Smith, Reuben S., assignor.)
Smith, Miles K., Ligonier Township, Westmoreland County, assignor to Latrobe Electric Steel Company, Latrobe, Pa. Electric furnace roof construction. 2,222,004; Nov. 19.
Smith, Myron H., New Hartford, assignor to D. B. Smith & Company, Inc., Utica, N. Y. Sprayer. 2,218,860; Oct. 22.
Smith, Nathan, Jackson Heights, N. Y. Oxygen generating composition. 2,207,074; July 9.
Smith, Neil V., Los Angeles, Calif. Grease gun. 2,220,297; Nov. 5.
Smith, Nelson J., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,187,061; Jan. 16.
Smith, Norman J., Medfield, assignor to Crosby Steam Gage & Valve Company, Boston, Mass. Pen for recording instruments. 2,213,098; Aug. 27.
Smith, Norman J., Medfield, assignor to Crosby Steam Gage & Valve Company, Boston, Mass. Pressure gauge. 2,224,024; Dec. 3.
Smith, Omar H., West Englewood, N. J., assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation, New York, N. Y. Producing styrene. 2,189,771; Feb. 13.
Smith Paper, Inc. (See Keating, Harry M., assignor.)
Smith, Percy C., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated. Time-of-day announcing machine. 2,207,703; July 16.
Smith, Percy W., New York, assignor to General Railway Signal Company, Rochester, N. Y. Automatic train control system for railroads. 2,190,505; Feb. 13.
Smith, Percy W., New York, assignor to General Railway Signal Company, Rochester, N. Y. Automatic train control system for railroads. 2,201,116; May 14.
Smith, Philip C., et al. (See West, Maxwell A. and G. E.)
Smith, Philip C., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Damper bar. 2,200,126; May 7.
Smith, Philip H., Boonton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical transmission system. 2,212,214; Aug. 20.
Smith, Philip N., Melrose Highlands, assignor to H. V. Hayes, Boston, Mass. Alarm system. 2,198,725; Apr. 30.
Smith, Philip S., Camden, N. J. Apparatus for photographic image production. 2,207,419; July 9.
Smith, Philip T., East Orange, and L. P. Garner, Newark, N. J., assignors to Radio Corporation of America. High powered electron discharge device. 2,227,039; Dec. 31.
Smith, Phillip H., Denville, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Concentric conductor transmission line. 2,216,893; Oct. 8.
Smith, Phillip H., Denville, and M. A. Specht, Tenafly, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Concentric conductor transmission line. 2,207,522; July 9.
Smith, Pincus, New York, N. Y. Slide stand for cloth cutting machines and the like. 2,211,082; Aug. 13.
Smith, Ralph J., Monkseaton, assignor to W. A. Woodeson, Newcastle-on-Tyne, R. C. Roe, Rochdale, Lancaster, R. J. Smith, Monkseaton and Clarke, Chapman & Company Limited, Gateshead-on-Tyne, Durham, England. Rotary pump or motor. 2,225,803; Dec. 24.
Smith, Ralph L. (See Wallace, D. A., Smith, and Fleming.)
Smith, Ralph L., St. Clair, assignor to Chrysler Corporation, Highland Park, Mich. Spraying machine. 2,215,668; Sept. 24.
Smith, Ralph R., Cleveland, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Vibratory electromagnetic motor. 2,187,576; Jan. 16.
Smith, Ray F., assignor to Ideal Manufacturing Company, Des Moines, Iowa. Governor. 2,225,238; Dec. 17.
Smith, Raymond D., Easton, Conn. Self-igniting fuel-flow control system. 2,210,188; Aug. 6.
Smith, Reading B., Hammond, Ind., assignor to Sinclair Refining Company, New York, N. Y. Gasoline recovery. 2,204,285; June 11.
Smith, Reginald B. (See Cooley, C. H., and Smith.)
Smith, Reuben S., Beverly Hills, Calif., assignor to Smith Meter Company. Fluid flow mechanism. 2,207,182; July 9.
Smith, Reuben S., Los Angeles, Calif., assignor to Smith Meter Company. Counter mechanism. 2,207,273; July 9.
Smith, Reuben S., Altadena, Calif., assignor to Smith Meter Company. Fluid flow mechanism. 2,207,274; July 9.
Smith, Richard G., Amsterdam, N. Y. Toy dump car. 2,186,737; Jan. 9.
Smith, Robert A. (See Serrell, J. J., and Smith.)
Smith, Robert E. (See Odell, I. N., and Smith.)
Smith, Robert J., Greenville, Calif. Boat trailer. 2,211,083; Aug. 13.
Smith, Robert L., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive article and making the same. 2,223,392; Dec. 3.
Smith, Robert L. H., Mottingham, London, England. Hardness testing machine. 2,217,388; Oct. 8.
Smith, Robert S., et al. (See White, Frank M., assignor.)
Smith, Rogers M., Merchantville, N. J., assignor to Radio Corporation of America. Ultra high frequency device. 2,223,835; Dec. 3.
Smith, Roland I., Spokane, Wash. Fabric mold. 2,193,242; Mar. 12.
Smith, Rolf M., Cincinnati, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,199,762; May 7.
Smith, Ross L., Washington, D. C. Stop motion mechanism. 2,192,819; Mar. 5.
Smith, Rowland D., assignor to Corning Glass Works, Corning, N. Y. Making articles of fused silica. 2,188,121; Jan. 23.
Smith, Rowland D., assignor to Corning Glass Works, Corning, N. Y. Desulphurizing lehr gases. 2,198,745; Apr. 30.
Smith, Roy A. (See Wilson, R. A., and Smith.)
Smith, Roy W., Newark, Ohio. Cold storage locker room. 2,201,411; May 21.
Smith, Royal C., Wilberforce, Ohio. Starting apparatus. 2,200,781; May 14.
Smith, Rulo W., Auburn, Ind. Apparatus for calibrating measuring instruments. 2,204,260; June 11.
Smith, Russell F., Providence, R. I. Manuscript manipulating device for speakers. 2,188,210; Jan. 23.
Smith, Russell H., assignor of one-half to A. A. Lindsey, ten per cent to R. R. McDaniel, and one per cent to E. Stine, Quanah, Tex. Water block or dam forming device. Re. 21,368; Feb. 20.
Smith, Russell J., Richmond Heights, Md. Air conditioner. 2,187,954; Jan. 23.
Smith, Russell J., Richmond Heights, Mo. Thermostatically controlled vlave. 2,203,110; June 4.

Smith, S. Morgan Company. (See Bischoff, Robert, assignor.)
Smith, S. Morgan, Company. (See Brisbane, E. C., and Myers, assignors.)
Smith, S. Morgan, Company. (See Brisbane, E. C., and Peacock, assignors.)
Smith, S. Morgan, Company. (See Goit, L. E., and Brisbane, assignors.)
Smith, S. Morgan, Company. (See Smith, Verl C., assignor.)
Smith, S. Morgan, Company. (See Smyser, Harry E., assignor.)
Smith, S. Morgan, Company. (See Young, Arthur, assignor.)
Smith, S., & Sons (Motor Accessories), Limited. (See Moss, Eric B., assignor.)
Smith, Samuel V., Long Beach, Calif. Perforation cleaner for oil wells. 2,224,412; Dec. 10.
Smith, Sheridan A., Hamilton, Ontario, Canada. Ingot tong bit. 2,212,754; Aug. 27.
Smith, Sidney R., Pittsfield, Mass., assignor to General Electric Company. Fused protective device. 2,223,232; Nov. 26.
Smith, Sidney R. N., Haglands, West Chiltington, near Pulborough, England. Mill for grinding liquids or powders. 2,210,467; Aug. 6.
Smith, Silas Roscoe, Pendleton, assignor of one-half to C. G. Greek, Fort Wayne, Ind. Bait bucket. 2,208,861; July 23.
Smith, Stanford, New York, N. Y. Power take-off. 2,221,387; Nov. 12.
Smith, Stanley G., assignor to The Murray Corporation of America, Detroit, Mich. Ring clinching mechanism. 2,208,058; July 16.
Smith, Stanley G., assignor to The Murray Corporation of America, Detroit, Mich. Ring clinching device. 2,208,819; July 23.
Smith, Stephen A., Scranton, Pa. Adjustable gunstock. 2,187,548; Jan. 16.
Smith, Sydney, assignor to Wellman Seaver Rolling Mill Company Limited, London, England. Push bench drive. 2,188,822; Jan. 30.
Smith, Sydney, Trenton, N. J., and R. E. Trainer, Cynwyd, Pa., assignors to Roller Bearing Company of America, Trenton, N. J. Roller bearing. 2,197,351; Apr. 16.
Smith, Thomas, Clarks Summit, assignor to The Scranton Lace Company, Scranton, Pa. Yarn package holder. 2,226,024; Dec. 24.
Smith, Thomas, G. H. Woolley, and I. Hall, Shepshed, England. Knitting machine. 2,216,051; Sept. 24.
Smith, Thomas E., Akron, assignor of one-half to E. Dorn, Girard, Ohio. Keyway and gear cutting attachment for lathes. 2,188,447; Jan. 30.
Smith, Thomas R., San Francisco, Calif. Fingernail trimming machine. 2,210,267; Aug. 6.
Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Air cleaner. 2,193,116; Mar. 12.
Smith, Turner C. (See Howard, W. A., and Smith.)
Smith, Uel L., Morris Plains, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Wattmeter. 2,205,228; June 18.
Smith, Verl C., assignor to S. Morgan Smith Company, York, Pa. Automatic movable gate for dams. 2,192,510; Mar. 5.
Smith, Vincent W. (See Reed, C. S., and Smith.)
Smith, Wallace E., Seattle, Wash. Slip sinker. 2,217,972; Oct. 15.
Smith, Wallace W., assignor to Inland Steel Company, Chicago, Ill. Fabricated metal structure. 2,188,448; Jan. 30.
Smith, Walter F. (See Evans, W. J. R., and Smith.)
Smith, Walter G. L., Los Angeles, Calif. Drill pipe protector. 2,197,531; Apr. 16.
Smith, Walter G. L., Los Angeles, Calif. Wire cable guide. 2,211,299; Aug. 13.
Smith, Walter L., Cleveland, Ohio, assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Drawing tubes. 2,196,646; Apr. 9.
Smith, Webster D., Minneapolis, Minn. Air cooler and/or humidifier. 2,202,235; May 28.
Smith, Welden R., Chicago, Ill. Hinge. 2,191,632; Feb. 27.
Smith Welding Equipment Corporation. (See Smith, Elmer H., assignor.)
Smith and Wesson, Inc. (See Pomeroy, Edward S., assignor.)
Smith, Whitney R., Pasadena, assignor to John L. Company, Inc., San Francisco, Calif. Food purveyor. 2,216,357; Oct. 1.
Smith, Wilbert C., Washington, Pa. Sectional article mold. 2,217,140; Oct. 8.
Smith, Wilbert D., Philadelphia, Pa. Elastic yarn. 2,207,641; July 9.
Smith, Wiley, assignor to The General Tire & Rubber Company, Akron, Ohio. Fabric calendering. 2,186,771; Jan. 9.
Smith, William. (See Child, A. J., Hall, and Stobart, assignors.)
Smith, William A., Hamburg, N. Y. Removing sulphur impurities from petroleum oils. 2,216,027; Sept. 24.
Smith, William A., Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Coating apparatus. 2,209,006; July 23.
Smith, William A., Jr., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Valve for rock drills. 2,209,491; July 30.
Smith, William A., Jr., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Rock drill. 2,212,329; Aug. 20.
Smith, William A., Jr., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Valve for rock drills. 2,213,826; Sept. 3.
Smith, William A., Jr., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Rotation mechanism for rock drills. 2,221,117; Nov. 12.
Smith, William A., Sr., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Percussive tool. 2,214,800; Sept. 17.
Smith, William A., Sr., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Controlling device. 2,227,282; Dec. 31.
Smith, William A., Jr., Cleveland, and A. Feucht, Garfield Heights, assignors to The Cleveland Rock Drill Company, Cleveland, Ohio. Feeding mechanism for rock drills. 2,221,118; Nov. 12.
Smith, William B., Atlanta, Ga. Combination cooking vessel. 2,223,432; Dec. 3.
Smith, William E., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Resistance welding. 2,202,405; May 28.
Smith, William E., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Rotary hopper and inclined chute. 2,203,287; June 4.
Smith, William E., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,224,413; Dec. 10.
Smith, William H., deceased, Detroit, Mich.; K. L. Smith, administratrix. Uniting of finely divided iron with other metals. 2,193,435; Mar. 12.
Smith, William I., Goshen, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Glider structure. 2,198,518; Apr. 23.
Smith, William I., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Convertible glider. 2,198,887; Apr. 30.
Smith, William J., Delaware City, Del. Foot control. 2,196,125; Apr. 2.
Smith, William J., Delaware City, Del. Automatic brake apparatus. 2,196,126; Apr. 2.
Smith, William J., Delaware City, Del. Brake and accelerator control. 2,222,378; Nov. 19.
Smith, William J., Delaware City, Del. Combined accelerator and brake control. 2,222,379; Nov. 19.
Smith, William J., and W. W. Slaght, Rocky River, assignors, to Cleveland Steel Products Corporation, Cleveland, Ohio. Fuel supply pump. 2,209,856; July 30.
Smith, William P., Phoenix, Ariz. Time controlled switch for radios. 2,226,783; Dec. 31.
Smith, William R., Philadelphia, Pa. Electric signal device for toy railways. 2,218,074; Oct. 15.
Smith, William T., Arlington Heights, Ohio. Engine. 2,197,901; Apr. 23.
Smith, William W., East Orange, N. J. Fluid pressure reducing valve. 2,187,811; Jan. 23.
Smith, Willis, Pearl River, N. Y. Automatic drilling jig. 2,208,480; July 16.
Smithe, F. L., Machine Co. Inc. (See Novick, Abraham, assignor.)
Smithe, F. L., Machine Co. (See Smithe, F. L., and Novick, assignors.)
Smithe, Ferdinand L., New York, and A. Novick, Flushing, assignors to F. L. Smithe Machine Co., Inc., New York, N. Y. Manufacture of window envelopes. 2,191,505; Feb. 27.
Smithe, Ferdinand L., New York, and A. Novick, Flushing, assignors to F. L. Smithe Machine Co., Inc., New York, N. Y. Manufacture of window envelopes. 2,209,358; July 30.
Smithe, Frank B., Douglaston, and A. Novick, Flushing, assignors to F. L. Smithe Machine Co., Inc., New York, N. Y. Buffing the edges of metal fasteners. 2,221,885; Nov. 19.
Smithers, Vernon L., Akron, Ohio. Separator for storage batteries. 2,198,845; Apr. 30.
Smithos, Inc. (See Michel, George, assignor.)
Smith's Jacking Systems Limited. (See Sessions, Donald W., assignor.)
Smithson, Clinton N., assignor of one-half to J. E. Garland, Milwaukee, Wis. Battery terminal connector. 2,198,320; Apr. 23.
Smithuysen, Wilhelm C. B., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Concentration of aqueous alkene halohydrin solutions. 2,188,254; Jan. 23.
Smitmans, John A., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Vertical edging mill. 2,195,502; Apr. 2.
Smitt, Henry A., Fort Lewis, Wash. Transmission mechanism. 2,219,965; Oct. 29.
Smitt, Henry A., Fort Lewis, Wash. Button attaching means. 2,219,966; Oct. 29.
Smokador Manufacturing Co. (See Baylis, Robert N., assignor.)
Smola, Emil, Newport News, Va. Automatic steering of ships. 2,204,553; June 18.
Smolak, George, Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Electrical insulating panel. 2,208,232; July 16.

Smolens, Harry G. (See Kauffmann, H. O., and Smolens.)
Smoot, Theophilus H., assignor to Anchor Post Fence Company, Baltimore, Md. Hot water heater and boiler. 2,214,543; Sept. 10.
Smoot, Theophilus H., assignor to Anchor Post Fence Company, Baltimore, Md. Air volume regulator and control for fluid fuel burners. 2,215,941; Sept. 24.
Smulski, Theodore J., Knox, Ind., assignor to The Anderson Company, Gary, Ind. Actuator for telemetric systems. Re. 21,527; Aug. 6.
Smulski, Theodore J., Knox, assignor to The Anderson Company, Gary, Ind. Electrical indicating system. 2,205,637; June 25.
Smyers, William H. (See Schneider, H. G., and Smyers.)
Smyers, William H., Westfield, N. J., assignor to Standard Oil Development Company. Metal coating and adhesive therefor. 2,226,589; Dec. 31.
Smyers, William H., Westfield, N. J., assignor to Standard Oil Development Company. Insulated electric conductor. 2,226,590; Dec. 31.
Smyser, Harry E., assignor to S. Morgan Smith Company, York, Pa. Trash rack rake. 2,186,790; Jan. 9.
Smyth, Earl P. (See Pugh, John, assignor.)
Smyth Manufacturing Company, The. (See Schramm, Carl, assignor.)
Smyth, Paul H., Jr., Evanston, assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Coin handling apparatus. 2,198,683; Apr. 30.
Smythe, Robert H., Denver, Colo., assignor of one-fourth to E. W. Smith, Denver, Colo., and one-fourth to A. F. Samuelson, Laramie, Wyo. Auxiliary lock. 2,226,640; Dec. 31.
Smythe, Robert L., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Dead end cable clamp. 2,198,093; Apr. 23.
Smythe, Robert L., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Switch lock construction. 2,202,170; May 28.
Smythe, Roy, Marshallton, assignor of one-half to A. J. Giannone, Wilmington, Del. Toy. 2,216,656; Oct. 1.
Snader, Ira J., assignor to Ex-Cell-O Corporation, Detroit, Mich. Machine tool. 2,217,973; Oct. 15.
Snap-On Tools Corporation. (See Walraven, George M., assignor.)
Snap-On Tools, Inc. (See Densmore, Le Roy F., assignor.)
Snap-On Tools, Inc. (See Gagne, Gideon R., assignor.)
Snap-On Tools, Inc. (See Walraven, George M., assignor.)
Snavely, Clarence S., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,206,435; July 2.
Sneath Glass Company. (See Crimmel, Henry H., assignor.)
Sneath Glass Company. (See Lewis, James A., assignor.)
Sneed, John, Grosse Pointe Shores, Mich. Automatic transmission. 2,214,001; Sept. 10.
Sneed, John, Grosse Pointe Shores, assignor, by mesne assignments, to Ackerman-Blaesser-Fezzey, Inc., Detroit, Mich. Window regulator. 2,193,657; Mar. 12.
Sneirson, Samuel L., Roxbury, Mass., assignor to Marvelash Co. Inc., New York, N. Y. Eyelash curler. 2,185,230; Jan. 2.
Snell, Foster D., New York, N. Y. Acid and water proof cement. 2,195,586; Apr. 2.
Snell, Foster D., New York, N. Y. Treated penetrable article and making. 2,195,587; Apr. 2.
Snell, J. Henry, Brockton, Mass. Feeding machine for making tacks, nails, and the like. 2,223,233; Nov. 26.
Snell, Robert E., Belleville, N. Y. Fastening device. 2,206,554; July 2.
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Juvenile vehicle body. 2,186,559; Jan. 9.
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Juvenile vehicle body. 2,186,560; Jan. 9.
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Velocipede structure. 2,186,561; Jan. 9.
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Velocipede construction. 2,189,232; Feb. 6.
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Making juvenile automobile bodies. 2,192,534; Mar. 5.
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Making juvenile vehicle bodies. 2,192,535; Mar. 5.
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Making sheet metal stampings. 2,192,536; Mar. 5.
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Making sheet metal stampings. 2,192,537; Mar. 5.
Snell, Samuel A., Toledo, Ohio, assignor, by mesne assignments, to The Logan Gear Company. Mechanism control. 2,197,903; Apr. 23.
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Seat post assembly. 2,198,394; Apr. 23.
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Velocipede structure. 2,209,175; July 23.
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Juvenile vehicle structure. 2,209,176; July 23.
Snell, Samuel A., Toledo, Ohio, assignor, by mesne assignments, to The Logan Gear Company. Mechanism control. 2,210,100; Aug. 6.
Snell, Samuel A., assignor to T. F. Beaman, Jackson, Mich. Brake mechanism. 2,190,087; Feb. 13.
Snell, Samuel A., assignor to T. F. Beaman, Jackson, Mich., trustee. Windshield wiper mechanism. 2,191,356; Feb. 20.
Snell, Samuel A., assignor to Townsend F. Beaman, trustee, Jackson, Mich. Brake lever. 2,222,492; Nov. 19.
Snelling, Henry B. W., Providence, R. I., assignor to Food Devices Incorporated, New York, N. Y. Food products aerating and dispensing device. 2,190,688; Feb. 20.
Snelling, Jesse E., Columbus, Ohio. Traffic light signal. 2,221,272; Nov. 12.
Snelling, Marjorie G., Allentown, Pa. Food process and product. 2,191,835; Feb. 27.
Snelling, Marjorie G., Allentown, Pa. Dampness detecting and indicating device. 2,214,354; Sept. 10.
Snelling, Nicholas, Jackson Heights, N. Y., assignor of one-half to G. E. Loder, Upper Montclair, N. J. Container. 2,209,796; July 30.
Snelling, Walter O., assignor to Trojan Powder Company, Allentown, Pa. Stencil sheet. 2,191,731; Feb. 27.
Sneva, Ingolf. (See Price, J. G., Sneva, and Weis.)
Snider, Charles E., Woodbridge, Ontario, Canada. Braking apparatus for trailer vehicles. 2,221,929; Nov. 19.
Snider, Wayne A., Nashville, Tenn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Thread winding. 2,193,117; Mar. 12.
Sniffen, Robert P. (See Bobo, Stephen N., assignor.)
Snipischki, Karl, Jerusalem, Palestine, assignor of one-half to S. Gartner, New York, N. Y. Building block. 2,211,177; Aug. 13.
Snode, Howard L. (See Carr, Clifton C., assignor.)
Snodgrass, Henry W., assignor to Armstrong Cork Company, Lancaster, Pa. Closure. 2,204,831; June 18.
Snodgrass, John A., Prescott, Ark., assignor of one-fourth to A. C. Stuart and two-fourths to E. W. Stuart, Texarkana, Tex. Wire tightener. 2,209,288; July 23.
Sno-Fake Products Company. (See German, Maurice D., assignor.)
Snook, Homer C., Summit, N. J., assignor to himself and M. M. Snook, his wife. Microscopy. 2,218,270; Oct. 15.
Snook, May M. (See Snook, Homer C., assignor.)
Snow, Adolph J. (See Etten, N. L., and Snow.)
Snow, Adolph J., Wilmette, assignor to Sears, Roebuck and Co., Chicago, Ill. Radio receiver. Re. 21,480; June 4.
Snow, Adolph J., Wilmette, assignor to Sears, Roebuck and Co., Chicago, Ill. Toy wagon body. 2,191,868; Feb. 27.
Snow, Barton S., Wheaton, assignor to T. W. Snow Construction Company, Chicago, Ill. Liquid storage tank equipment. 2,198,418; Apr. 23.
Snow, Herbert C., et al. (See Dooley, Delmar D., assignor.)
Snow, Herbert C., Cleveland, Ohio. Double reduction axle. 2,225,720; Dec. 24.
Snow, Robert D. (See Frey, F. E., Matuszak, and Snow.)
Snow, Robert D. (See Frey, F. E., Snow, and Fitch.)
Snow, T. W., Construction Company. (See Snow, Barton S., assignor.)
Snow, Virgil L. (See Armington, S. F., and Snow.)
Snuth, William. (See Child, A. J., Hall, and Stobart, assignors.)
Snyder, Albert F., Troy, and M. Solomon, Albany, assignors to Cluett, Peabody & Co., Inc., Troy, N. Y. Necktie. 2,195,373; Mar. 26.
Snyder, Allen G. (See Snyder, George H. and A. G.)
Snyder, Aulden D., and A. F. Maier, Cleveland Heights, assignors of one-third to W. J. Wesseler, Cleveland, Ohio. Material fusing and projecting apparatus. 2,196,647; Apr. 9.
Snyder, Charles F., Pittsburgh, Pa. Rubber heel. 2,205,912; June 25.
Snyder, Charles R., Miami Beach, Fla. Carburetor. 2,223,836; Dec. 3.
Snyder, Clarence E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for removing liquid from tires. 2,222,047; Nov. 19.
Snyder, Clinton H., et al. (See Stahr, John A., assignor.)
Snyder, Conrad, Fonda, assignor of one-half to A. O. Agedal, Esperance, N. Y. Glove turner. 2,218,056; Oct. 15.
Snyder, Donald A., Neenah, assignor to Marathon Paper Mills Company, Rothschild, Wis. Carton. 2,227,383; Dec. 31.
Snyder, E. V. (See McCart, Lucien L., assignor.)
Snyder, Elmer B., assignor of fifty per cent to G. D. Coblentz, Cornwells Heights, Pa. Amusewent device. 2,214,486; Sept. 10.
Snyder, Eugene L., Canton, Ohio. Pipe bowl cleaner. 2,214,386; Sept. 10.
Snyder, Eugene L., Canton, assignor to The Hoover Company, North Canton, Ohio. Bag pressure indicating device for suction cleaners. 2,198,888; Apr. 30.

Snyder, Franklin L., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Power transformer. 2,198,489; Apr. 23.
Snyder, Frederick D., East Milton, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,196,402; Apr. 9.
Snyder, Frederick T., Brookline, assignor to Fuel Research Development Corporation, Boston, Mass. Producing gasoline and gas. 2,194,574; Mar. 26.
Snyder, Frederick T., Brookline, assignor to Fuel Research Development Corporation, Boston, Mass. Producing commercial gas. 2,194,575; Mar. 26.
Snyder, George, assignor to General Motors Corporation, Detroit, Mich. Louver in fender construction. 2,218,626; Oct. 22.
Snyder, George, assignor to General Motors Corporation, Detroit, Mich. Bumper. 2,218,627; Oct. 22.
Snyder, George D., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,191,506; Feb. 27.
Snyder, George H., Glenside, and A. G. Snyder, Chestnut Hill, Pa. Compound cardboard box body. 2,208,268; July 16.
Snyder, Gerson, Philadelphia, Pa. Radio antenna. 2,217,188; Oct. 8.
Snyder, Gilbert J., assignor to Mastic Asphalt Corporation, South Bend, Ind. Exterior building panel. 2,207,687; July 9.
Snyder, Gilbert J., assignor to Mastic Asphalt Corporation, South Bend, Ind. Siding material. 2,214,387; Sept. 10.
Snyder, Harry D., New York, assignor to Parrot Speed Fastener Corporation, Long Island City, N. Y. Prong extender for a paper fastener. 2,185,231; Jan. 2.
Snyder, Jacob R., Detroit, Mich. Universal joint. 2,208,314; July 16.
Snyder, Louis J. (See Seabo, J., and Snyder.)
Snyder, Mills R., Norfolk, Va., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,208,436; July 16.
Snyder, Omar E. (See Banigan, T. F., and Snyder.)
Snyder, Raymond M., assignor of thirty per cent to G. F. Wagner, Pittsburgh, Pa. Cart. 2,191,327; Feb. 20.
Snyder, Richard L. (See Farnsworth, P. T., and Snyder.)
Snyder, Richard L., Jr. (See Pike, E. W., Rajchman, and Snyder.)
Snyder, Richard L., Jr., Glassboro, N. J., assignor to Radio Corporation of America. Electron-multiplier system. 2,198,233; Apr. 23.
Snyder, Richard L., Glassboro, N. J., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Divided stream electron multiplier. 2,208,938; July 23.
Snyder, Richard L., Glassboro, N. J., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Radio frequency multiplier amplifier. 2,226,077; Dec. 24.
Snyder, Samuel, et al. (See Weaver, James C., assignor.)
Snyder, William H., Elkins Park, Pa. Antiskid device. 2,222,786: Nov. 26.
Soabar Company. (See Henry, George W., Jr., assignor.)
Soapless Foam, Inc. (See Simjian, Luther G., assignor.)
Soave, John G., assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Slider for separable fasteners. 2,193,080; Mar. 12.
Sobel, Albert E. (See Natelson, S., Sobel, and Drekter.)
Sobel, Joseph, Philadelphia, Pa. Dough molding machine. 2,212,991; Aug. 27.
Soble, Allen, Franklin, Va. Safety device for automobile passengers. 2,194,874; Mar. 26.
Soc. An. S. I. M. B. I. (See Macchioni, Pietro A., assignor.)
Societa Anonima Manifattura, Geramico, Pozzi. (See Nigra, Giuseppe, assignor.)
Societa Anonima Minerva. (See Campolunghi, Giovanni, assignor.)
Società Anonima Officine Di Villar Perosa. (See Berla, Biagio, assignor.)
Società Scientifica Radio Brevetti Ducati. (See Grivetto, Michele, assignor.)
Societe Alfa, et al. (See Colas, Jacques, assignor.)
Societe Algerienne d'Eclairage et de Force. (See Haour, Georges, assignor.)
Societe Anonyme Adolphe Saurer. (See Saurer, Hippolyt, assignor.)
Societe Anonyme Adolphe Saurer. (See Wild, H., and Schneider, assignors.)
Societe Anonyme Air Equipment. (See Waseige, Charles R., assignor.)
Société Anonyme Dentclair. (See Nuyts, Georges A. H., assignor.)
Societe Anonyme des Anciens Etablissements Saumier Duval Frisquet. (See Cohu, M., and Trequigneaux, assignors.)
Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. (See Borel, Edouard V., assignor.)
Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. (See Borel, E. V., and Petches, assignors.)
Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint Gobain Chauny & Cirey. (See Bruno, Paul L. M., assignor.)
Societe Anonyme des Manufactures des Glaces & Produits Chimiques des Saint-Gobain, Chauny & Cirey. (See Delpech, Gaston, assignor.)
Societe Anonyme des Matieres Colorantes & Produits Chimiques de Saint-Denis. (See Lantz, Robert, assignor.)
Societe Anonyme des Pneumatiques Dunlop. (See Bernardon, Marcellin E. R., assignor.)
Société Anonyme dite: Société d'Etude de Distributeurs Automatiques S. E. D. A. (See Cadet, Louis J. A., assignor.)
Société Anonyme: Jaeger-Aviation. (See Galle, Jean B. P. H., assignor.)
Société Anonyme: Jaeger-Aviation. (See Rodanet, Charles H. H., assignor.)
Société Anonyme L'Outillage R. B. V. (See Vrolix, Albert S. T., assignor.)
Société Anonyme pour les Applications de l'Electricite et des Gaz Rares, Etablissements Claude-Paz & Silva. (See Bethenod, Joseph, assignor.)
Société Anonyme pour les Applications de l'Electricité et des Gaz Rares, Etablissements Claude Paz & Silva. (See Claude, André, assignor.)
Societe Anonyme pour les Applications de l'Electricite et des Gaz Rares, Etablissements Claude-Paz et Silva. (See Gomonet, Edouard, assignor.)
Société Anonyme pour les Applications de l'Electricité et des Gaz Rares, Etablissements Claude-Paz & Silva. (See Lecorguillier, Jean, assignor.)
Societe Anonyme Tubest. (See de la Tramerye, Raymond, assignor.)
Societe Auxiliaire pour le Developpement D-Industries Mecaniques (S. A. D. I. M.) (See Seignol, E., and Revel, assignors.)
Société Bronzavia. (See Kitroser, Isaac, assignor.)
Societe Bronzavia. (See Méjean, Jacques G., assignor.)
Société Cinoza, Société Anonyme. (See Bernheim, Roger, assignor.)
Societe d'Electrochimie, d'Electrometallurgie et des acieries Electriques d'Ugine. (See Andieux, Jean L., assignor.)
Société d'Electrochimie, d'Electrométallurgie et des Acieries Electriques d'Ugine. (See Cantoni, René, assignor.)
Société d'Electrochimie, d'Electrometallurgie et des Acieries Electriques d'Ugine. (See Gentil, Henri L., assignor.)
Societe d'Electrochimie d'Electrometallurgie et des Acieries Electriques d'Ugine. (See Perrin, René, assignor.)
Société de Prospection Electrique Procédés Schlumberger. (See Schlumberger, Marcel, assignor.)
Societe des Accumulateras Fixes et de Traction. (See Navarin, Louis L. L., assignor.)
Societe des Anciens, Etablissements Lhuillier. (See Bloc, Frédéric B., assignor.)
Societe des Usines Chimiques Rhone-Poulenc. (See Poizat, L., and Lahousse, assignors.)
Societe Des Usines Chimiques Rhone-Poulenc. (See Viaud, Pierre, assignor.)
Societe d'etudes et applications industrielles. (See Cuenod, Bernard, assignor.)
Societe d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A. (See Pateras Pescara, Raul, assignor.)
Societe d'Exploitation de Brevets pour l'Industrie l'Aviation et l'Automobile (Sebia). (See Dugelay, Paul, assignor.)
Societe d'Exploitation des Brevets Moineau. (See Hagerman, Gilbert H., assignor.)
Société d'Exploitation des Brevets Moineau. (See Moineau, René J. L., assignor.)
Societe d'Exploitation des Procedes Dabeg. (See Rime-Bruneau, Paul, assignor.)
Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M. (See Lévy, René L., assignor.)
Société dite: Societe Generale De Bonneterie. (See Tessé, Félix, assignor.)
Societe d'Outillage Mecanique et d'Usinage d'Artillerie. (See Perony, Jean A., assignor.)
Société Facin. (See Weissbrodt, Jean E., assignor.)
"Société Générale de Fours à Coke, Systèmes Lecocq", Société Anonyme. (See Gilles, Franz F. R. A., assignor.)
Societe Generale de Fours a Coke, Systemes Lecocq, Societe Anonyme. (See Noaillon, Edmond H. V., assignor.)
Societe Generale des Carburateurs Zenith. (See Lichtenstein, Johann, assignor.)
Societe Generale Des Carburateurs Zenith. (See Lozivit, René, assignor.)
Société Générale Métallurgique de Hoboken. (See Cuvelliez, François, assignor.)
Société Générale Métallurgique de Hoboken. (See Leemans, Joseph P., assignor.)
Societe Genevoise d'Instruments de Physique. (See Turrettini, Fernard, assignor.)
Société Industrielle et de Mécanique de Matériel d'Equipement. (See Mellier, Claudius, assignor.)
Société Le Carbone-Lorraine. (See Parisot, Jean, assignor.)
Societe Nobel Francaise. (See Belloc, Maurice, assignor.)
Societe Nobel Francaise. (See Gibello, Henri, assignor.)

Société pour la Realisation et l'Exploitation d'Inventions Mecaniques "Reim". (See Aubert, Emile H., assignor.)
Societe Pour l'Etude & l'Exploitation Des Matieres Luminescentes. (See Servigne, Marcel, assignor.)
Société Rateau La Courneuve. (See Hermitte, Louis, assignor.)
Societe Savoisienne de Constructions Electriques. (See Trabut, Jean A., assignor.)
Society of Chemical Industry in Basle. (See Ackermann, Franz, assignor.)
Society of Chemical Industry in Basle. (See Albrecht, Otto, assignor.)
Society of Chemical Industry in Basle. (See Bonhôte, G., and Apotheker, assignors.)
Society of Chemical Industry in Basle. (See Felix, F., and Ruegg, assignors.)
Society of Chemical Industry in Basle. (See Felix, F., von Capeller, and Sallmann, assignors.)
Society of Chemical Industry in Basle. (See Felix, F., and Zuercher, assignors.)
Society of Chemical Industry in Basle. (See Graenacher, Charles, assignor.)
Society of Chemical Industry in Basle. (See Graenacher, C., Ackermann, and Bruengger, assignors.)
Society of Chemical Industry in Basle. (See Graenacher, C., Gyr, Kaiser, Ackermann, and Bruengger, assignors.)
Society of Chemical Industry in Basle. (See Graenacher, C., and Matter, assignors.)
Society of Chemical Industry in Basle. (See Graenacher, C., and Meyer, assignors.)
Society of Chemical Industry in Basle. (See Graenacher, C., and Sallmann, assignors.)
Society of Chemical Industry in Basle. (See Graenacher, C., and Streuli, assignors.)
Society of Chemical Industry in Basle. (See Gyr, Joseph, assignor.)
Society of Chemical Industry in Basle. (See Hanhart, Walter, assignor.)
Society of Chemical Industry in Basle. (See Hartmann, M., and Wettstein, assignors.)
Society of Chemical Industry in Basle. (See Kern, Walter, assignor.)
Society of Chemical Industry in Basle. (See Kern, W., Holbro, and Tobler, assignors.)
Society of Chemical Industry in Basle. (See Kern, W. and Tobler, assignors.)
Society of Chemical Industry in Basle. (See Koch, J. and Bommer, assignors.)
Society of Chemical Industry in Basle. (See Miescher, K., and Fischer, assignors.)
Society of Chemical Industry in Basle. (See Miescher, K., and Scholz, assignors.)
Society of Chemical Industry in Basle. (See Miescher K., and Wettstein, assignors.)
Society of Chemical Industry in Basle. (See Miescher, K., Wettstein, and Fischer, assignors.)
Society of Chemical Industry in Basle. (See Ruzicka, Leopold, assignor.)
Society of Chemical Industry in Basle. (See Ruzicka, L., and Wettstein, assignors.)
Society of Chemical Industry in Basle. (See Schmid, Max, assignor.)
Society of Chemical Industry in Basle. (See Straub, F., and Anderau, assignors.)
Society of Chemical Industry in Basle. (See Straub, F., Hanhart, and Andrerau, assignors.)
Society of Chemical Industry in Basle. (See Straub, F., and Pieth, assignors.)
Society of Chemical Industry in Basle. (See Straub, F., and Schneider, assignors.)
Society of Chemical Industry in Basle. (See Wenk, H., and Grieshaber, assignors.)
Society: Compagnie Franco-Americaine des Jantes en Bois. (See Lambert, Pierre L. J. B., assignor.)
Society: "Manufacture Alsacienne de Broches, Anciennement les Fils d'Edouard Latscha S. a. r. L." (See Raboisson, Joseph, assignor.)
Socony-Vacuum Oil Company. (See Adams, Gale L., assignor.)
Socony-Vacuum Oil Company. (See Adams, G. L., Berlow, and Shapiro, assignors.)
Socony-Vacuum Oil Company. (See Adams, G. L., Starkey, and Woolley, assignors.)
Socony-Vacuum Oil Company. (See Ashland, Jack H., assignor.)
Socony-Vacuum Oil Company. (See Badertscher, D. E., and Altamura, assignors.)
Socony-Vacuum Oil Company. (See Badertscher, D. E., Berger, and Seger, assignors.)
Socony-Vacuum Oil Company. (See Badertscher, D. E., Seger, and James, assignors.)
Socony-Vacuum Oil Company. (See Belzer, Thomas R., assignor.)
Socony-Vacuum Oil Company. (See Berger, H. G., George, and Nygaard, assignors.)
Socony-Vacuum Oil Company. (See Berger, H. G., James, and Badertscher, assignors.)
Socony-Vacuum Oil Company. (See Carmichael, E. C., De Gray, and Prall, assignors.)
Socony-Vacuum Oil Company. (See Carmichael, E. S., and Hain, assignors.)
Socony-Vacuum Oil Company. (See Carter, De Vere V., assignor.)
Socony-Vacuum Oil Company. (See Connal, James C., assignor.)
Socony-Vacuum Oil Company. (See Crandall, George S., assignor.)
Socony-Vacuum Oil Company. (See Daigle, Earl C., assignor.)
Socony-Vacuum Oil Company. (See Dean, C. J., and Carter, assignors.)
Socony-Vacuum Oil Company. (See Dice, Marion E., assignor.)
Socony-Vacuum Oil Company. (See Dunham, G. S., and Utterback, assignors.)
Socony-Vacuum Oil Company. See Earl, John H., assignor.)
Socony-Vacuum Oil Company. (See Evers, William L., assignor.)
Socony-Vacuum Oil Company. (See Folda, Bert, Jr., assignor.)
Socony-Vacuum Oil Company. (See Francis, Alfred W., assignor.)
Socony-Vacuum Oil Company. (See Fuller, Everett W., assignor.)
Socony-Vacuum Oil Company. (See Fuller, E. W., and Hamilton, assignors.)
Socony-Vacuum Oil Company. (See George, R. S., and Badertscher, assignors.)
Socony-Vacuum Oil Company. (See Hamilton, L. A., and Fuller, assignors.)
Socony-Vacuum Oil Company. (See Happel, J., and Robbins, assignors.)
Socony-Vacuum Oil Company. (See Hoffman, Edward L., assignor.)
Socony-Vacuum Oil Company. (See Hope, G. A., Linton, and Pratt, assignors.)
Socony-Vacuum Oil Company. (See Horsch, William G., assignor.)
Socony-Vacuum Oil Company. (See Howard, W. A., and Smith, assignors.)
Socony-Vacuum Oil Company. (See James, William H., assignor.)
Socony-Vacuum Oil Company. (See Johnston, Norris, assignor.)
Socony-Vacuum Oil Company. (See Johnston, N., and Quinn, assignors.)
Socony-Vacuum Oil Company. (See Keyser, Paul V., Jr., assignor.)
Socony-Vacuum Oil Company. (See Krieg, A., and Macgeorge, assignors.)
Socony-Vacuum Oil Company. (See McMackin, Robert E., assignor.)
Socony-Vacuum Oil Company. (See Minton, John P., assignor.)
Socony-Vacuum Oil Company. (See Moran, Robert C., assignor.)
Socony-Vacuum Oil Company. (See Newton, Daniel O., assignor.)
Socony Vacuum Oil Company. (See Payne, John W., assignor.)
Socony-Vacuum Oil Company. (See Pratt, Malcolm F., assignor.)
Socony-Vacuum Oil Company. (See Reiff, Orland M., assignor.)
Socony-Vacuum Oil Company. (See Reiff, O. M., Giammaria, and Redman, assignors.)
Socony-Vacuum Oil Company. (See Reiff, O. M., and Johnson, assignors.)
Socony-Vacuum Oil Company. (See Reiff, O. M., and Otto, assignors.)
Socony-Vacuum Oil Company. (See Reiff, O. M., Otto, Giammaria, and Oberright, assignors.)
Socony-Vacuum Oil Company. (See Roehner, T. G., and Carmichael, assignors.)
Socony-Vacuum Oil Company. (See Roehner, T. G., and Rill, assignors.)
Socony-Vacuum Oil Company. (See Sachanen, A. N., and Francis, assignors.)
Socony-Vacuum Oil Company. (See Sachanen, A. N., and Hansford, assignors.)
Socony-Vacuum Oil Company. (See Sachanen, A. N., and Waldo, assignors.)
Socony-Vacuum Oil Company. (See Scafe, Eugene T., assignor.)
Socony-Vacuum Oil Company. (See Schultz, R. E., and Kullmann, assignors.)
Socony-Vacuum Oil Company. (See Shapiro, Abraham, assignor.)
Socony-Vacuum Oil Company. (See Sheldon, H. W., and Fahnestock, assignors.)
Socony-Vacuum Oil Company. (See Shipp, V. L., Boenau, and Ramsay, assignors.)
Socony-Vacuum Oil Company. (See Simpson, T. P., Payne, and Crowley, assignors.)
Socony-Vacuum Oil Company. (See Simpson, T. P., Payne, Crowley, and Teitsworth, assignors.)
Socony-Vacuum Oil Company. (See Story, B. W., and Fuller, assignors.)
Socony-Vacuum Oil Company. (See Wanner, Walter E., assignor.)
Sodeberg, Earl W., Fort Madison, Iowa. Soap receptacle. 2,218,271 ; Oct. 15.
Soderberg, Carl R., Weston, Mass, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine blade fastening. 2,211,866 ; Aug. 20.

Soderberg, Carl R., Weston, Mass., and W. H. Lloyd, Philadelphia, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Blade shrouding. 2,211,865; Aug. 20.
Soderberg, Karl G. (See Dubpernell, G., and Soderberg.)
Soderberg, Paul W., assignor to The J. B. Ford Company, Wyandotte, Mich. Producing alkali silicates. 2,211,733; Aug. 13.
Soderberg, Paul W., assignor to The J. B. Ford Company, Wyandotte, Mich. Apparatus for producing alkali silicates. 2,211,734; Aug. 13.
Soderberg, Vern A., Boone, Iowa. Glare shield for automobiles, buses, etc. 2,220,429; Nov. 5.
Söderlind, Nils A. G., Stockholm, Sweden. Envelope opener. 2,187,634; Jan. 16.
Söderlund, Bengt T., Stockholm, Sweden. Vertical card index or system. 2,198,183; Apr. 23.
Soderquist, Leslie E., assignor to National Rubber Machinery Company, Akron, Ohio. Flexible mounting cylinder washer and extractor mechanism. 2,217,351; Oct. 8.
Soderquist, Leslie E., assignor to National Rubber Machinery Company, Akron, Ohio. Filter for dry cleaner solvents. 2,221,210; Nov. 12.
Soehl, Claude A. (See Kindelmann, A., and Soehl.)
Soenens, Maurice A., Harelbeke, assignor to The Automatic Flax Production Units, Courtrai, Belgium. Machine for scutching flax or like plant stalks. 2,207,900; July 16.
Soenens, Maurice A., Harelbeke, assignor to The Automatic Flax Production Units, Courtrai, Belgium. Rippling machine for the treatment of textile materials. 2,222,446; Nov. 19.
Soher, Le Roy. (See Platt, F. P., and Soher.)
Sohles, Leroy P., Pittsfield, Mass., assignor to General Electric Company. Contact assembly for cutouts. 2,224,614; Dec. 10.
Sohngen, Louis C., assignor to The Las-Stik Manufacturing Company, Hamilton, Ohio. Wood putty. 2,204,324; June 11.
Sohns, John W., Bronxville, N. Y. Recording apparatus. 2,219,458; Oct. 29.
Soisson, Vincent H., Connellsville, Pa. Table leaf support. 2,210,220; Aug. 6.
Sojka, George E., assignor to Eaton Paper Corporation, Pittsfield, Mass. Portfolio for stationery. 2,226,837; Dec. 31.
Sokolec, William. (See Coles, Henry L., assignor.)
Sokoloff, William, New York, N. Y. End coupling for watch straps and belts. 2,219,756; Oct. 29.
Sokoloff, Louis, Chicago, Ill. Theftproof lamp socket. 2,194,329; Mar. 19.
Sokos, James J., assignor of one-half to T. G. Sokos, Richwood, W. Va. Combination receptacle. 2,194,915; Mar. 26.
Sokos, Thomas G. (See Sokos, James J., assignor.)
Sola Electric Co. (See Sola, Joseph G., assignor.)
Sola, Joseph G., Oak Park, assignor to Sola Electric Co., Chicago, Ill. Transformer of the constant or limited current type. 2,212,198; Aug. 20.
Sola, Joseph G., Oak Park, assignor to Sola Electric Co., Chicago, Ill. Circuit breaker. 2,224,885; Dec. 17.
Solakian, Haig, assignor to A. F. Holden, New Haven, Conn. Case hardening composition. 2,188,063; Jan. 23.
Solanas, Ramón B., Santa Coloma de Cervello, Cataluna, Spain. Sliver drawing mechanism. 2,219,666; Oct. 29.
Solar Aircraft Company. (See Nickel, Frederick E., assignor.)
Solar Corporation. (See Feldtkeller, C. L., and Lund, assignors.)
Solar Corporation. (See Lund, Arthur D., assignor.)
Solar Laboratories. (See Davis, Robert S., assignor.)
Solar Manufacturing Corporation. (See Schnoll, Nathan assignor.)
Solberg, Thorvald A., U. S. Navy. Applying heat to the water tubes of boilers. 2,192,941; Mar. 12.
Solbrig, Gustav, Cedar Rapids, Iowa, assignor of forty-eight per cent to W. H. Dutton, Minneapolis, Minn. Valve and seat redressing tool. 2,198,925; Apr. 30.
Sole, William C., Bristow, Okla. Parting flange or divider for drilling drums. 2,212,798; Aug. 27.
Solenberger, Dean M., assignor to Simplex Products Corporation, Cleveland, Ohio. Piston sealing device. 2,203,208; June 4.
Soler, Gilbert, assignor to The Timken Roller Bearing Company, Canton, Ohio. Free machining steel. 2,225,511; Dec. 17.
Soley, William G. (See Benner, R. C., and Soley.)
Solger, William H., assignor to The Aetna Standard Engineering Company, Youngstown, Ohio. Die box and holder. 2,222,597; Nov. 26.
Solie, Kenneth C., Minneapolis, Minn. Outboard motor. 2,213,536; Sept. 3.
Solinski, Charles A., assignor to The Exhibit Supply Company, Chicago, Ill. Escapement mechanism. 2,222,217; Nov. 19.
Solkover, George, Seattle, Wash. Illusion device. 2,211,353; Aug. 13.
Söll, Julius, Leverkusen-I. G. Werk, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Plastic material. 2,187,185; Jan. 16.
Soller, Arnold. (See Linde, H., and Soller.)
Soller, Arnold. (See Sprague, P. T., and Soller.)
Soller, Walter, assignor of one-half to W. H. Woodin, Jr., Tucson, Ariz. Television system. 2,189,843; Feb. 13.
Soller, Walter, Cincinnati, Ohio, assignor of one-half to W. H. Woodin, Jr., Tucson, Ariz. Television modulation system and apparatus. 2,192,942; Mar. 12.
Soller, Walter, Cincinnati, Ohio, assignor of one-half to W. H. Woodin, Jr., Tucson, Ariz. Multiple vacuum tube. 2,210,010; Aug. 6.
Soller, Walter, Cincinnati, Ohio, assignor of one-half to W. H. Woodin, Jr., Tucson, Ariz. Electron tube amplification system. 2,211,914; Aug. 20.
Sollie, John, Oakland, Calif. Milk sampler. 2,185,651; Jan. 2.
Sollima, Mario. (See Roux, B., Sollima, and Gamzon.)
Sollinger, Ferdinand P., Paterson, N. J., assignor to Wright Aeronautical Corporation. True-motion connecting rod. 2,199,655; May 7.
Söllner, Heinrich, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Removal of acid impurities from ammoniacal liquor. 2,200,400; May 14.
Solms, Fred J. (See Porsche, J. D., and Solms.)
Solo, Adrian, Somerville, Mass. Septum splint. 2,202,748; May 28.
Sologaistoa, Manuel H. P., San Pedro Sula, Honduras. Equilibrated oscillating engine. 2,194,035; Mar. 19.
Solomon, Evan L., Detroit, Mich. Metal cutting tool. 2,186,738; Jan. 9.
Solomon, Guillaume J., Paris, France. Well and the like sinking apparatus. 2,223,645; Dec. 3.
Solomon, Harry A., Syracuse, N. Y. Ladder. 2,200,902; May 14.
Solomon, Harry A., Syracuse, N. Y. Handling device. 2,212,755; Aug. 27.
Solomon, Harry D., and F. Humer, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Sliding top. 2,203,931; June 11.
Solomon, Jacob, Forest Hills, assignor to U. S. Knitwear Corp., New York, N. Y. Swim suit. 2,225,721; Dec. 24.
Solomon, Morris. (See Snyder, A. F., and Solomon.)
Solomon, Nathan L., Mount Vernon, N. Y. Hair curler. 2,205,442; June 25.
Solon, Philip O., Oakland, Calif. Blind. 2,213,021; Aug. 27.
Solt, William W., Central City, Nebr. Adjustable hanger for electric hair clippers. 2,213,747; Sept. 3.
Soltan, Alexander, Elmhurst, assignor of one-half to P. W. Valentine, Brooklyn, N. Y. Cementing machine. 2,205,443; June 25.
Soltan, Alexander, Elmhurst, assignor to P. W. Valentine, Brooklyn, N. Y. Attachment for sewing machines. 2,218,100; Oct. 15.
Solvay Process Company, The. (See Agel, Frank O., assignor.)
Solvay Process Company, The. (See Beekhuis, Herman A., Jr., assignor.)
Solvay Process Company, The. (See Beekhuis, H. A., Jr., and Lawrence, assignors.)
Solvay Process Company, The. (See Beekhuis, H. A., Jr., and Macomber, assignors.)
Solvay Process Company, The. (See Crittenden, Eugene D., assignor.)
Solvay Process Company, The. (See Duncan, John M., assignor.)
Solvay Process Company, The. (See Fazel, Charles S., assignor.)
Solvay Process Company, The. (See Keane, A. F., and Beekhuis, assignor.)
Solvay Process Company, The. (See Kise, Mearl A., assignor.)
Solvay Process Company, The. (See Kniskern, Walter H., assignor.)
Solvay Process Company, The. (See Moyer, Wendell W., assignor.)
Solvay Process Company, The. (See Moyer, W. W., and Klingelhoefer, assignors.)
Solvay Process Company, The. (See Porter, Frank, assignor.)
Solvay Process Company, The. (See Porter, F., and Duncan, assignors.)
Solvay Process Company, The. (See Rogers, Donald A., assignor.)
Solvay Process Company, The. (See Rogers, D. A., and Porter, assignors.)
Solvay Process Company, The. (See Silsby, Charles F., assignor.)
Solvay Process Company, The. (See Stowe, Vernon M., assignor.)
Solvay Process Company, The. (See Tracy, Lyndon S., assignor.)
Solvent Machine Company. (See Dinley, Clarence F., assignor.)
Sølver, Einar. (See Petersen, O., and Sølver.)
Somers, Carlton J., Osage, Wyo. Electric heater. 2,208,087; July 16.
Somers, Elward B., Darby, Pa. Brush. 2,194,916; Mar. 26.
Somers, Frank J., San Jose, Calif., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Facsimile system. 2,219,120; Oct. 22.

Somers, Norman C., Carneys Point, and L. S. Danser, Salem, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Removing dissolved copper from chloroprene. 2,207,901; July 16.
Somers, Richard M., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph record resurfacing machine. 2,192,598; Mar. 5.
Somers, Richard M., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. High voltage cathode heater. 2,194,678; Mar. 26.
Somers, Richard M., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electric discharge system. 2,207,275; July 9.
Somers, Richard M., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electric discharge system. 2,207,276; July 9.
Somers, Richard M., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph record shaving machine. 2,209,833; July 30.
Somers, Richard M., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph record resurfacing machine. 2,209,835; July 30.
Somers, Richard M., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,212,672; Aug. 27.
Somers, Richard M., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,212,673; Aug. 27.
Somers, Richard M., and H. S. Carlson, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,220,626; Nov. 5.
Somers, William S., Columbus, Ohio. Air conditioning apparatus. 2,190,998; Feb. 20.
Somers, William S., Columbus, Ohio. Air heating apparatus. 2,190,997; Feb. 20.
Somervell, Howard, et al. (See Bugg, Kenly C., assignor.)
Somerville Iron Works. (See Kirby, John F., assignor.)
Somerville, William E., Coal City, Ill. Lay indicator for wire rope machines. 2,209,584; July 30.
Somes, Arthur D., Marblehead, Mass., assignor to General Electric Company. Regulating means for elastic fluid turbines. 2,193,658; Mar. 12.
Somes, Howard E., Detroit, Mich. Multiple transformer switching system. 2,189,819; Feb. 13.
Somes, Howard E., Detroit, Mich. Apparatus for treating metals or metallic articles. 2,214,681; Sept. 10.
Somes, Howard E., Grosse Pointe Park, Mich. Apparatus for heat-treating gun bores. 2,208,607; July 23.
Somes, Howard E., Grosse Pointe Park, Mich. Heat-treating elongated objects. 2,209,303; July 23.
Somes, Howard E., Grosse Pointe Park, Mich. Transformer distributing system. 2,223,902; Dec. 3.
Sommer, Alfred, assignor to Baird Television Limited, London, England. Manufacturing photoelectrically sensitive layers. 2,192,418; Mar. 5.
Sommer, Alfred, assignor to Baird Television Limited, London, England. Manufacturing secondary emitting electrodes. 2,206,372; July 2.
Sommer, Fritz. (See Nassau, M., Sommer and Wiegand.)
Sommer, Herman C., Los Angeles, Calif. Hose retriever. 2,191,973; Feb. 27.
Sommer, Sigfrid, administrator. (See Gilbert, Joseph N.)
Sommer, William A. (See Butterworth, T. H., and Sommer.)
Sommer, William H., Peoria, assignor to Keystone Steel & Wire Company, Peoria (South Bartonville), Ill. Wire Fence. 2,188,869; Jan. 30.
Sommers, Albert L., and A. M. Littger, assignors of five per cent to R. Block, Newburgh, N. Y. Nonsinkable bathing suit. 2,197,324; Apr. 16.
Sondermann, Karl, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Apparatus for the distillation of liquids having relatively high boiling points. 2,224,025; Dec. 3.
Songer, Clifford M., Charleston, S. C. Spark plug. 2,195,543; Apr. 2.
Sonneborn, John R., Willow Grove, and J. Y. Albertson, Philadelphia, assignors to Stokes and Smith Company, Summerdale, Pa. System for making, filling, and sealing containers. 2,200,971; May 14.
Sonneborn, L., Sons, Inc. (See Blumer, M., Kessler, and Salzmann, assignors.)
Sonneborn, L., Sons, Inc. (See Kessler, G. A., and Liberthson, assignors.)
Sonneborn, L., Sons, Inc. (See Liberthson, Leo, assignor.)
Sonnemann, William K., Newark, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Network relay adjusting device. 2,200,104; May 7.
Sonnenberg, Rudolph, assignor to Mid-West Bottle Cap Co., Belvidere, Ill. Press and clutch therefor. 2,187,955; Jan. 23.
Sonnenfeld, Sigmund. (See Kotowski, P., Sonnenfeld, and Vogt.)
Sonntag, Bernhard, Dallas, Tex. Ventilator. 2,226,641; Dec. 31.
Sonoco Products Company. (See Dunlap, Charles K., assignor.)
Sonsthagen, Asbjorn, Snaresbrook, London, England. Roller mill for grinding materials. 2,194,511; Mar. 26.
Sonsthagen, Asbjorn, Snaresbrook, London, England. Device for compressing materials of or into a more or less viscid condition. 2,203,549; June 4.
Sontag, Lothar. (See Shepard, A. F., Boiney, and Sontag.)
Sooy, Walter E. (See Fisher, H. C., Thompson, and Sooy.)
Soper, Cleveland C., Kent, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Apparatus for testing concentricity of spark plug porcelains. 2,221,154; Nov. 12.
Soper, Cleveland C., Kent, assignor, by mesne assignments, to The Firestone Tire & Rubber Company, Akron, Ohio. Metal container. 2,226,109; Dec. 24.
Soper, James F., Balclutha, New Zealand. Laminated rubber tension spring for motor vehicle suspension. 2,193,081; Mar. 12.
Soprani, Mario, Castelfidardo, near Ancona, Italy. Accordion. 2,188,378; Jan. 30.
Sorben, Aden F., Long Beach, Calif. Bottom dumping cement bailer. 2,207,418; July 9.
Sordoillet, Pierre, Paris, France. Navigation apparatus. 2,199,763; May 7.
Soref, Harry E., assignor to Master Lock Company, Milwaukee, Wis. Loading ramp for hand trucks. 2,227,283; Dec. 31.
Sorem, Stanley S., Oakland, assignor to Shell Development Company, San Francisco, Calif. Concrete curing composition and process. 2,213,806; Sept. 3.
Sorensen, Andrew J. (See Place, W. P., and Sorensen.)
Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Speed responsive apparatus. 2,193,045; Mar. 12.
Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,216,631; Oct. 1.
Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,217,528; Oct. 8.
Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,218,124; Oct. 15.
Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,219,876; Oct. 29.
Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,221,726; Nov. 12.
Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,222,804; Nov. 26.
Sorensen, Arvid C., Bottineau, N. Dak. Smoking pipe. 2,195,522; Apr. 2.
Sorensen, Carl C., Westwood, Mass. Making yarn. 2,216,377; Oct. 1.
Sorensen, Edward M., Wright Field, Ohio. Blind landing system. 2,204,628; June 18.
Sorensen, Einar, Rumford, Maine, assignor to Oxford Paper Company. Electrolytic cell. 2,226,784; Dec. 31.
Sorensen, Louis N., Port Clinton, Ohio, assignor, by mesne assignments, to The Celotex Corporation, Chicago, Ill. Continuous mixer. 2,218,962; Oct. 22.
Sorensen, Niels C., Detroit, Mich. Elevated highway structure. 2,225,186; Dec. 17.
Sorensen, Sam, assignor of fifty-five per cent to H. F. Smith, Houston, Tex. Valve. 2,210,189; Aug. 6.
Sorensen, Samuel O., and J. C. Konen, Minneapolis, Minn., assignors to Archer-Daniels-Midland Company. Catalytic process for polymerizing fatty oils. 2,213,935; Sept. 3.
Sorenson, Ben E., Upper Darby, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Diethers of dimethylol urea and making same. 2,191,974; Feb. 27.
Sorenson, Ben E., Upper Darby, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resin solutions from diethers of dimethylol urea. 2,201,926; May 21.
Sorenson, Ben E., Upper Darby, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Methylol urea ethers and making same. 2,201,927; May 21.
Sorenson, Ben E., Upper Darby, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dialkyl ethers of dimethylol urea and making same. 2,213,921; Sept. 3.
Sorenson, Elvira J. (See Sorenson, Wendell L., assignor.)
Sorenson, Wendell L., assignor to E. J. Sorenson, Great Neck, N. Y. Staple clip. 2,222,726; Nov. 26.
Sorg, Harold E. (See Sorg, Lloyd F. and H. E.)
Sorg, Lloyd F., San Carlos, and H. E. Sorg, Berkeley, Calif. Hose attachment. 2,185,741; Jan. 2.
Sorgatz, Earl H. (See Rouan, F. J., and Sorgatz.)
Soriano, Angelo, Brooklyn, N. Y. Lamp base. 2,202,357; May 28.
Sorkin, Morris, Teaneck, N. J., assignor to Interchemical Corporation, New York, N. Y. Manufacture of printing plates. 2,222,991; Nov. 26.
Sorokin, Michael A., Milford, assignor to Jenkins Bros., Bridgeport, Conn. Valve core and stem. 2,199,054; Apr. 30.
Sorum, Raymond M. (See Connell, J. M., Sorum, and Murphy.)
Sosinski, Paul P., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,218,125; Oct. 15.
Sosnik, Nestor Y., and E. C. Griffin, Winston-Salem, N. C. Electric bulb remover and installer. 2,191,593; Feb. 27.

Soss, Henry and J., Roselle, N. J. Hinge. 2,216,632; Oct. 1.
Soss, Joseph. (See Soss, Henry and J.)
Soss, Joseph, Roselle, N. J. Concealed hinge. 2,215,088; Sept. 17.
Soss, Joseph, Roselle, N. J. Concealed hinged. 2,222,958; Nov. 26.
Sothras, Louis N., Oak Park, Ill. Box having vertically movable bottom. 2,197,842; Apr. 23.
Sottnek, Michael, Brooklyn, N. Y. String tensioning device. 2,196,817; Apr. 9.
Soubbotin, Igor, and V. Romanoff, Paris, France. Tunnel oven used for the carbonization at low temperatures of oil shale, lignite, coal, and similar materials. 2,208,705; July 23.
Soubier, Leonard D. (See Hoge, J. R., and Soubier.)
Soubier, Leonard D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Package for coffee or the like. 2,194,451; Mar. 19.
Soubier, Leonard D., Toledo, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Method and apparatus for making glass wool. 2,207,764; July 16.
Soubier, Leonard D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Apparatus for producing hollow glass articles. 2,215,984; Sept. 24.
Soubier, Leonard D., and J. R. Hoge, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Mold charging device. 2,212,483; Aug. 20.
Soubier, Leonard D., and J. R. Hoge, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Apparatus for molding plastic materials. 2,218,456; Oct. 15.
Soucy, Armand M., West Warwick, R. I. Speed-teller light switch. 2,226,785; Dec. 31.
Souhart, Jacques P., St. Cloud, France. Additional impelling device for cycles and like vehicles. 2,207,305; July 9.
Soukaras, Komnenus M., Washington, D. C. Measurement of conversion conductance. 2,192,206; Mar. 5.
Soulat, Georges, La Guerche-sur-l'Aubois, France. Gravity switch. 2,201,637; May 21.
Soulé Steel Company. (See Ropp, Franklin N., assignor.)
Soulis, Harold A., Westfield, N. J. Fifth wheel. 2,188,727; Jan. 30.
Soulis, Harold A., Westfield, N. J. Motor vehicle construction. 2,201,353; May 21.
Sound Scriber Corporation. (See Thompson, Lincoln, assignor.)
Soundview Pulp Company. (See Coster, Nils W., assignor.)
South, Furman, Jr., assignor to Lava Crucible Company of Pittsburgh, Pittsburgh, Pa. Runner spout for tilting crucibles. 2,195,523; Apr. 2.
Southam, Earl A. (See Crossman, F., and Southam.)
Southam Press Montreal Limited. (See Southam, William G., assignor.)
Southam, William G., assignor to Southam Press Montreal Limited, Montreal, Quebec, Canada. Manufacture of paper-disk bottle caps. 2,193,412; Mar. 12.
South Bend Bait Company. (See Haselwood, Willis E., assignor.)
South Bend Bait Company. (See Scogland, C. A., and Sanders, assignors.)
South Carolina National Bank of Charleston, The, as trustee. (See Harris, William A., assignor.)
South Chester Tube Company. (See Nelson, Tom H., assignor.)
Southern Dyestuff Corporation. (See Crist, John L., assignor.)
Southern Phosphate Corporation. (See Hagood, Johnson, assignor.)
Southern Steel Company. (See White, Loyd J., assignor.)
Southern Steel Stampings, Incorporated. (See Yow, William P., assignor.)
Southern Wood Preserving Company. (See Harvey, Jacquelin E., Jr., assignor.)
Southern Wood Preserving Company, et al. (See Harvey, J. E., Jr., and Robert H., Jr., and J. J. White, assignors.)
Southern States Equipment Corporation. (See Caldwell, John R., assignor.)
Southern States Equipment Corporation. (See Lemmon, George N., assignor.)
Southland, Benjamin H. (See Witte, L. J., and Southland.)
Southland Paper Converting Company. (See Abbott, Ambrose C., assignor.)
Southwest Welding & Manufacturing Co. (See Maloon, Earl B., assignor.)
Southworth, George C., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Short wave radio system. 2,206,923; July 9.
Souviron, Pierre F. J., Tarbes, P. E. Bigourdan, and P. Bebin, Paris, France. Preparing a colloid oxychloride of copper. 2,201,928; May 21.
Sovex Limited. (See Cadman, Hubert W., assignor.)
Sow, Jung J., Vancouver, British Columbia, Canada. Perpetual calendar. 2,215,020; Sept. 17.
Sowa, Frank J. (See Nieuwland, J. A., and Sowa.)
Sowa, Frank J., South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Antiknock fuel. 2,212,992; Aug. 27.
Sowa, Joseph B., Delavan, Ill. Type registering beam for truck weighing scales. 2,192,698; Mar. 5.
Sowden, Alfred, Arkansas City, Kans. Packing machine for containers and the like. 2,216,786; Oct. 8.
Sowell, Clarence W., North Hollywood, Calif. Power moldboard tilt for graders and the like. 2,194,875; Mar. 26.
Sower, George W., assignor, by mesne assignments, to Republic Steel Corporation, Cleveland, Ohio. Method and apparatus for use in welding. 2,189,331; Feb. 6.
Sowin, George, Berwick, Pa. Action toy device. 2,218,772; Oct. 22.
Sowter, Percy F. C., Spondon, near Derby, England, assignor to Celanese Corporation of America. Coloration of textile and other materials. 2,218,628; Oct. 22.
Sowter, Percy F. C., and R. Betteridge, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of colored artificial materials 2,216,793; Oct. 8.
Spacher, George M., Rochester, N. Y. Indicating mechanism. 2,214,682; Sept. 10.
Spacone, Paul, Coraopolis, Pa. Attachment for shoe repair machines. 2,216,378; Oct. 1.
Spade, Hoyt L., Robinson, Ill. Drinking fountain. 2,218,687; Oct. 22.
Spaeth, Charles, Flushing, N. Y. Incandescent lamp. 2,218,345; Oct. 15.
Spaeth, Charles, Flushing, N. Y. Gas-filled incandescent electric lamp. 2,218,346; Oct. 15.
Spaeth, Charles, Flushing, N. Y. Filament. 2,225,239; Dec. 17.
Spahn, Hilbert C., Kewanee, Ill. Expanding mandrel. 2,226,078; Dec. 24.
Spahn, Paul E. (See Lowry, C. D., and Spahn.)
Spaine, Edward P., Bridgeport, and H. C. Faulkner, Long Hill, Trumbull, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Buttonhole sewing machine. 2,190,614; Feb. 13.
Spaine, Edward P., Bridgeport, and H. C. Faulkner, Long Hill, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Thread and cord trimmer for buttonhole sewing machines. 2,210,638; Aug. 6.
Spake, George S., Marietta, Ga. Setup box shaper. 2,218,057; Oct. 15.
Spake, John, assignor of one-half to A. L. Wood, Shelby, N. C. Signal apparatus for roadways. 2,224,491; Dec. 10.
Spalding, A. G., & Bros. Inc. (See Baymiller, John W., assignor.)
Spalding, A. G., & Bros. Inc. (See Curry, William G., assignor.)
Spalding, A. G., & Bros. Inc. (See Dickson, J. B., and Herman, assignors.)
Spalding, A. G., & Bros. Inc. (See Pierce, H. M., and Hermson, assignors.)
Spalding, A. G., & Bros. Inc. (See Post, Kenneth E., assignor.)
Spalding, A. G., & Bros. Inc. (See Saunders, Addison T., assignor.)
Spalding, John D. (See Morgan, J. S., Jr., and Spalding.)
Spalding, Thomas R., Chagrin Falls, assignor to The K-W Ignition Corporation, Cleveland, Ohio. Timing device. 2,200,586; May 14.
Spalek, Adolph, and W. J. Zrenchik, assignors to Spalek Engineering Company, Detroit, Mich. Height gauge. 2,196,328; Apr. 9.
Spalek Engineering Company. (See Spalek, A., and Zrenchik, assignors.)
Spanagel, Edgar W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic polymer. 2,214,442; Sept. 10.
Spánel, Abraham N., Rochester, N. Y. Ruffled garment and the like. 2,185,527; Jan. 2.
Spánel, Abraham N., Rochester, N. Y. Method and apparatus for making elastic bands. 2,189,966; Feb. 13.
Spánel, Abraham N., Dover, Del. Rubber garment and form for making the same. 2,213,150; Aug. 27.
Spang, Annabel M., Cleveland, Ohio. Maternity garment. 2,189,332; Feb. 6.
Spang, Ferdinand J., Butler, Pa. Apparatus for cementing wells. 2,196,538; Apr. 9.
Spang, Ferdinand J., Butler, Pa. Hydraulic pump pulsation absorbing device. 2,214,683; Sept. 10.
Spang, Ferdinand J., Butler, Pa. Method and apparatus for die forging drill bits. 2,216,462; Oct. 1.
Spang, Joseph P., Quincy, assignor to Cube Steak Machine Company, Inc., Boston, Mass. Meat-slitting machine. 2,191,732; Feb. 27.
Spang, Joseph P., Quincy, assignor to Cube Steak Machine Company, Inc., Boston, Mass. Meat-slitting machine. 2,202,273; May 28.
Spang, Joseph P., Quincy, assignor to Cube Steak Machine Company, Inc., Boston, Mass. Machine for slitting meat. 2,203,603; June 4.
Spang, Joseph P., Quincy, assignor to Cube Steak Machine Company, Inc., Boston, Mass. Meat-slitting machine. 2,216,216; Oct. 1.
Spang, Joseph P., Quincy, assignor to Cube Steak Machine Company, Inc., Boston, Mass. Meat-slitting machine. 2,223,466; Dec. 3.
Spang, Joseph P., Quincy, assignor to Cube Steak Machine Company, Inc., Boston, Mass. Meat-slitting machine. 2,223,467; Dec. 3.
Spang, Wolfgang. (See Wiessner, A., and Spang.)
Spangenberg, Charles B. (See Hartig, H. E., and Spangenberg.)

Spangenberg, Charles B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control mechanism for refrigerating apparatus. 2,191,966; Feb. 27.
Spangenberg, Charles B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigerator control system. 2,226,297; Dec. 24.
Spangler, Eugene A., Los Angeles, Calif. Portable dipping vat. 2,216,328; Oct. 1.
Spanner, Edward F., Blackheath, London, England. Steam generator or water heater. 2,200,644; May 14.
Spanner, Edward F., Blackheath, England. Steam generator and water heater. 2,217,458; Oct. 8.
Spanner, Edward F., Blackheath, London, England. Steam generator or water heater. 2,218,898; Oct. 22.
Spanner, Hans J. (See Meyer, F., and Spanner.)
Spanner, Hans J., Berlin-Kladow, Germany. Discharge device. 2,191,507; Feb. 27.
Spanner, Hans J., Berlin, Germany. Electric lamp. 2,203,550; June 4.
Spanner, Hans J., Berlin-Kladow, Germany. Electric lamp. 2,205,000; June 18.
Spanner, Jakob, Neu-Isenburg, Germany, assignor, by mesne assignments, to Chemical Marketing Company Inc., New York, N. Y. Dental alloy. 2,226,079; Dec. 24.
Spanner, Jakob, Neu-Isenburg, and J. Leuser, Pforzheim, Germany, assignors to Chemical Marketing Company Inc., New York, N. Y. Formed piece of silver palladium alloys. 2,222,544; Nov. 19.
Spanyer, John W., Louisville, Ky. Nonrefillable bottle. 2,199,323; Apr. 30.
Spare, Charles R., and C. H. Lapsley, Philadelphia, Pa. Coin control device. 2,197,488; Apr. 16.
Sparkes, John G. (See McAlister, William H., assignor.)
Sparklets, Limited. (See Ward, Lawrence T., assignor.)
Sparklin, Charles H., assignor to Birtman Electric Company, Chicago, Ill. Electric iron with heat indicator. 2,201,745; May 21.
Sparks, Chiles E. (See Rossander, S. S., and Sparks.)
Sparks, John, et al., executors. (See Strauss, Joseph B.)
Sparks, Neil R., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Apparatus for determining seismic velocities. 2,203,272; June 4.
Sparks, Roy E., Sturgis, S. Dak. Refrigerator. 2,190,388; Feb. 13.
Sparks, William H., Calhoun, Ga. Chenille sewing machine and the like. 2,194,876; Mar. 26.
Sparks, William J. (See Wiezevich, P. J., and Sparks.)
Sparks-Withington Company, The. (See Scofield, Theodore J., assignor.)
Sparks-Withington Company, The. (See Scofield, T. J., and Hardick, assignors.)
Sparling, Elliott W., Los Angeles, Calif., assignor, by mesne assignments, to T. R. Gillenwaters and S. Steelman, as trustees for M. E. Gillenwaters. Sound recording and reproducing apparatus. 2,199,420; May 7.
Sparling, Raymond W., South Pasadena, Calif., assignor to Wallace & Tiernan Company, Inc., Belleville, N. J. Apparatus for supplying gas. 2,218,773; Oct. 22.
Sparling, William J., assignor to Chain Belt Company, Milwaukee, Wis. Producing heat-treated cast iron alloys. 2,196,084; Apr. 2.
Sparmal Engineering Corporation, The. (See Selby, Lynn O., assignor.)
Sparr, John P., Wink, Tex. Oil well oil saver. 2,185,925; Jan. 2.
Sparrow, Edward B., Shreveport, La. Highway construction. 2,192,369; Mar. 5.
Sparrow, Hubert T., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,216,301; Oct. 1.
Sparrow, Hubert T., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fluid fuel burner control system. 2,223,796; Dec. 3.
Sparrow, William E., Birmingham, England, assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Flexible transmission coupling. 2,212,867; Aug. 27.
Spase, Charles B., Nedrow, assignor to W. C. Lipe, Inc., Syracuse, N. Y. Friction clutch. 2,217,529; Oct. 8.
Spathelf, David E., University City, Mo. Shoe. 2,187,103; Jan. 16.
Spathis, Jerry. (See Kolas, John, assignor.)
Spatta, George. (See Gettig, J. H., and Spatta.)
Spatta, George, assignor to Clark Equipment Company, Buchanan, Mich. Reinforcing banjo type axle housings. 2,194,101; Mar. 19.
Spaulding, David C., Jr., assignor to The Standard Oil Company, Cleveland, Ohio. Mechanism for making laminated products. 2,188,064; Jan. 23.
Spaulding, David C., Jr., assignor to The Standard Oil Company, Cleveland, Ohio. Mechanism for manufacture of tubular paper structures. 2,194,435; Mar. 19.
Spaulding, David C., Jr., assignor to The Standard Oil Company, Cleveland, Ohio. Tubular paper machinery. 2,194,436; Mar. 19.
Spaulding, David C., Jr., assignor to The Standard Oil Company, Cleveland, Ohio. Tubular paper manufacture. 2,196,085; Apr. 2.
Spaulding, Franklin, assignor of one-half to E. Nell, Chicago, Ill. Motion picture projection machine. 2,196,480; Apr. 9.
Spaulding, Wellington H., West Hempstead, Long Island, N. Y. Building unit. 2,211,521; Aug. 13.
Spaunburg, Harvey L., Bristol, and E. A. Slye, East Hartford, Conn., assignors, by mesne assignments, to The Wayne Pump Company, Fort Wayne, Ind. Registering and computing mechanism. 2,219,024; Oct. 22.
Speakman, John B. (See Race, E., Rowe, and Speakman.)
Speakman, John B., Far Headingley, Leeds, England. Treatment of fibers or fibrous materials containing keratin. 2,201,929; May 21.
Spear, Harry B., Cradock, Va. Collector ring. 2,198,395; Apr. 23.
Spearman, Robert U., Lakeland, Fla. Fuel vaporizer. 2,185,320; Jan. 2.
Speas Company. (See Mnookin, Nathan M., assignor.)
Speas Development Co. (See Mnookin, Nathan M., assignor.)
Specht, Malcolm A. (See Smith, P. H., and Specht.)
Specht, Randolph C., St. Albans, assignor to Barium Reduction Corporation, Charleston, W. Va. Making barium chloride. 2,204,192; June 11.
Special Chemicals Corp. (See Cinamon, L., and Sklarew, assignors.)
Special Chemicals Corp. (See Sklarew, S., and Cinamon, assignors.)
Special Equipment Company. (See Ewald, Mark, assignor.)
Special Equipment Company. (See Ewald, R. L., and Skog, assignors.)
Specialties Development Corporation. (See Grant, Harry C., Jr., assignor.)
Specialties Development Corporation. (See Heigis, Henry E., assignor.)
Specialties Development Corporation. (See Mapes, Daniel, assignor.)
Specialty Brass Company. (See Namur, Carl A., assignor.)
Specialty Brass Company. (See Namur, C. A., and Anderson, assignors.)
Specialty Engineering Company. (See Parker, George W., Jr., assignor.)
Speckert, Siegfried, South Gate, Calif. Tool holder. 2,210,605; Aug. 6.
Speed-Dump, Inc. (See Gerosa, L., and Wagner, assignors.)
Speedtype, Inc. (See Pifer, George N., assignor.)
Speedwall Co., The. (See Horn, Erwin A., assignor.)
Speer Carbon Company. (See McQueer, Bert H., assignor.)
Speer, Grant G., Jr., assignor to Electrical Development Co. Inc., Los Angeles, Calif. Transmission mechanism. 2,226,878; Dec. 31.
Speer, James L., Ponca City, Okla. Tire tool. 2,188,236; Jan. 23.
Speer, Walter, and H. Weiss, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of formic acid. 2,196,156; Apr. 2.
Speh, Hazel C., executrix. (See Speh, Herman A.)
Speh, Herman A., deceased; H. C. Speh, executrix, assignor to The Drybak Corporation, Binghamton, N. Y. Shoulder and sleeve construction for garments. 2,194,156; Mar. 19.
Speidel Corporation. (See Augenstein, Karl C., assignor.)
Speight, William O. (See Sherrod, James M., assignor.)
Speik, Frederick A., South Pasadena, Calif. Cone type wringer. 2,196,329; Apr. 9.
Speiser, Franz X., and W. Albert, Wetzlar, Germany, assignors, by mesne assignments, to Frank Dunur, Lausanne, Switzerland. Shutter mechanism. 2,211,867; Aug. 20.
Spellacy, John F. (See Montgomery, J. E., Spellacy, and Burrell.)
Spellacy, John F., Cleveland, Ohio. Coiler. 2,207,832; July 16.
Spellacy, John R., Burlingame, Calif., assignor to Hercules Powder Company, Wilmington, Del. Drier. 2,207,360; July 9.
Spellman, Erick. (See Erickson, C., and Spellman.)
Spence Engineering Company. (See Spence, Paulsen, assignor.)
Spence, John L., Jr., Brooklyn, assignor to Leventhal Patents, Inc., New York, N. Y. Prefocus projection lamp. 2,191,292; Feb. 20.
Spence, John L., Jr., Brooklyn, assignor to Leventhal Patents, Inc., New York, N. Y. Endless loop film magazine. 2,203,032; June 4.
Spence, Le Roy U., Cheltenham, assignor to Röhm & Haas Company, Philadelphia, Pa. Separation of trimethylamine from mixtures of trimethylamine and monomethylamine. 2,206,584; July 2.
Spence, Le Roy U., Cheltenham, assignor to Röhm & Haas Company, Philadelphia, Pa. Separation of trimethylamine from mixtures of trimethylamine and dimethylamine. 2,206,585; July 6.
Spence, Le Roy U., Elkins Park, and J. C. Mitchell, assignors to Röhm & Haas Company, Philadelphia, Pa. Preparation of fumaric acid. 2,208,519; July 16.
Spence, Paulsen, East Orange, N. J. Pressure reducing apparatus. 2,185,713; Jan. 2.
Spence, Paulsen, East Orange, N. J., assignor to Spence Engineering Company, Inc., Walden, N. Y. Damper regulator. 2,211,300; Aug. 13.
Spence, Paulsen, East Orange, N. J., assignor to Spence Engineering Company, Inc., Walden, N. Y. Oil pressure governor. 2,226,102; Dec. 24.

Spencer Aircraft Motors, Inc. (See Spencer, Louis R., assignor.)
Spencer, Allen B., Denver, Colo. Book cover. 2,224,703; Dec. 10.
Spencer, Arthur W. (See Borland, A., Hymers, and Spencer.)
Spencer, Carlton W., Newton, Mass. Automobile engine starting device. 2,227,284; Dec. 31.
Spencer, Douglas A. (See Murray, H. D., and Spencer.)
Spencer Engineering Company. (See Spence, Paulsen, assignor.)
Spencer, Ernest G., Lewiston, Maine. Flyer clearer. 2,197,951; Apr. 23.
Spencer, Everett B., Mount Lebanon, assignor to The Rust Engineering Company, Pittsburgh, Pa. Guard post and rail structure for scaffolds. 2,226,359; Dec. 24.
Spencer, George A., Lynn, Mass., assignor to General Electric Company. Turbine diaphragm arrangement. 2,217,500; Oct. 8.
Spencer, H. Dorsey. (See Henry, Otto H., assignor.)
Spencer, Harry C., New York, N. Y. Photographic test strip. 2,219,703; Oct. 29.
Spencer, Harry H., Springfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control of electric generating apparatus. 2,186,217; Jan. 9.
Spencer, Harry H., Springfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Power plant. 2,219,459; Oct. 29.
Spencer, Henry B., assignor of one-half to C. W. Chesley, Charleston, W. Va. Holder for buckets. 2,188,728; Jan. 30.
Spencer, Howard F. (See Morton, W. A., and Spencer.)
Spencer, Howard F., assignor to Amco, Incorporated, Pittsburgh, Pa. Continuous heating furnace. 2,220,585; Nov. 5.
Spencer, Isidor, Chicago, Ill. Coat. 2,209,797; July 30.
Spencer, James A., Teaneck, N. J., assignor to Radio Corporation of America. Tape perforator. 2,203,582; June 4.
Spencer, Kenneth A., Pittsburg, Kans. Process and apparatus for treating pyrite-containing materials. 2,223,468; Dec. 3.
Spencer Lens Company. (See Ott, Harvey N., assignor.)
Spencer Lens Company. (See Popp, W. H., and MacDonald, assignors.)
Spencer Lens Company. (See Richards, Oscar W., assignor.)
Spencer, Lloyd. (See Raymond, E. F., and Spencer.)
Spencer, Lloyd, assignor to Lane-Wells Company, Los Angeles, Calif. Well packer. 2,216,358; Oct. 1.
Spencer, Lloyd, assignor to Lane-Wells Company, Los Angeles, Calif. Gun perforator for oil wells. 2,216,359; Oct. 1.
Spencer, Louis R., West Hartford, Conn. Valve actuating mechanism. 2,226,985; Dec. 31.
Spencer, Louis R., West Hartford, assignor to Spencer Aircraft Motors, Inc., Hartford, Conn. Valve actuating mechanism. 2,209,479; July 30.
Spencer, Louis R., West Hartford, assignor to Spencer Aircraft Motors, Inc., Hartford, Conn. Valve actuating mechanism. 2,209,480; July 30.
Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Controlled gaseous discharge device. 2,191,594; Feb. 27.
Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Magnetically controlled gaseous discharge device. 2,191,595; Feb. 27
Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Temperature compensated controlled gaseous discharge tube. 2,206,008; June 25.
Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Time delay mercury switch. 2,206,436; July 2.
Spencer, Percy L., West Newton, and L. K. Marshall, Cambridge, assignors to Raytheon Manufacturing Company, Newton, Mass. Electrical space discharge device. 2,206,271; July 2.
Spencer, Philip L., assignor to Watson-Williams Manufacturing Company, Millbury, Mass. Harness frame. 2,209,857; July 30.
Spencer, Raphael M., Moscow, Idaho. Hose clamp. 2,208,706; July 23.
Spencer, Robert L., Los Angeles, Calif. Carburetor for internal combustion engines. 2,225,804; Dec. 24.
Spencer, Rolf E. (See Faudell, C. L., Spencer, and James.)
Spencer, Seth A., Gates, N. Y. Operating and locking mechanism for window screens and the like. 2,194,774; Mar. 26.
Spencer, Thomas, Waterfoot, Rossendale, England. Packing support for shoes. 2,201,746; May 21.
Spencer Turbine Company, The. (See Smith, Lester C., assignor.)
Spencer, Wesley D., Los Angeles, Calif. Body vibrator. 2,199,965; May 7.
Spencer, William H. (See Ballard, J. H., and Spencer.)
Spencerian Pen Company. (See Kanner, Samuel, assignor.)
Spengler, Henry, assignor to Spengrey Cap Corporation, New York, N. Y. Closure. 2,196,877; Apr. 9.
Spengler, Jules, Mulhouse-Bourtzwiller (Haut-Rhin), France. Metal cartridge for shotguns. 2,189,498; Feb. 6.
Spengler, Walter J., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Magneto generator. 2,191,087; Feb. 20.
Spengrey Cap Corporation. (See Spengler, Henry, assignor.)
Spensley, William R., et al. (See Caddy, Fred W., assignor.)
Sperans, S. R. (See Cannon, W. W., and Hurwitz, assignors.)
Speranza, James, Wilmerding, Pa. Adjustable hanger. 2,210,606; Aug. 6.
Speranza, James, Wilmerding, Pa. Adjustable hanger. 2,225,281; Dec. 17.
Sperbeck, Henry V., and J. A. Jameson, Ann Arbor, Mich. Conduit clamp 2,223,191; Nov. 26.
Sperber, Meyer, Philadelphia, Pa. Manufacturing laminated fabric. 2,209,238; July 23.
Sperry, Arthur B., Clifton, N. J. Harmonic analyzer. 2,212,799; Aug. 27.
Sperry, Arthur G., Hollis, N. Y., assignor to Intertype Corporation, Brooklyn, N. Y. Spaceband transfer mechanism for typographical machines. 2,198,044; Apr. 23.
Sperry, Arthur G., Hollis, N. Y., assignor to Intertype Corporation, Brooklyn, N. Y. Ejector for slug casting machines. 2,198,370; Apr. 23.
Sperry, Charles F., Norfolk, Va., assignor to The Philip Carey Manufacturing Company. Panel assembly unit. 2,219,714; Oct. 29.
Sperry, Elmer A., Jr., New York, assignor to Sperry Products, Inc., Brooklyn, N. Y. Magnetic compass. 2,199,118; Apr. 30.
Sperry, Elmer A., Jr., assignor to Sperry Products, Inc., Brooklyn, N. Y. Magnetic compass. 2,215,622; Sept. 24.
Sperry, Fillmore F., assignor to Excel Auto Radiator Company, Chicago, Ill. Heat exchange apparatus. 2,199,031; Apr. 30.
Sperry Gyroscope Company. (See Bates, Mortimer F., assignor.)
Sperry Gyroscope Company. (See Bonell, Ralph K., assignor.)
Sperry Gyroscope Company. (See Braddon, Frederick D., assignor.)
Sperry Gyroscope Company. (See Carlson, Bert G., assignor.)
Sperry Gyroscope Company. (See Carter, Leslie F., assignor.)
Sperry Gyroscope Company. (See Carter, L. F., and Wittkuhns, assignors.)
Sperry Gyroscope Company. (See Chafee, E. W., and Wittkuhns, assignors.)
Sperry Gyroscope Company. (See Clouston, Charles E., assignor.)
Sperry Gyroscope Company. (See Esval, Orland E., assignor.)
Sperry Gyroscope Company. (See Harding, W. G., and Nisbet, assignors.)
Sperry Gyroscope Company. (See Hill, Gilbert F., assignor.)
Sperry Gyroscope Company. (See Hodgman, Frederick S., assignor.)
Sperry Gyroscope Company. (See House, Frank R., assignor.)
Sperry Gyroscope Company. (See Hunter, Paul B., assignor.)
Sperry Gyroscope Company. (See Kenyon, Theodore W., assignor.)
Sperry Gyroscope Company. (See Kenyon, T. W., and Zand, assignors.)
Sperry Gyroscope Company. (See Moseley, Francis L., assignor.)
Sperry Gyroscope Company. (See Thomas, Harold L., assignor.)
Sperry Gyroscope Company. (See Willis, Horace H., assignor.)
Sperry Gyroscope Company. (See Zand, Stephen J., assignor.)
Sperry, John A., Tallmadge, assignor to The Baker-McMillen Company, Akron, Ohio. Miter box. 2,203,369; June 4.
Sperry, Paul A., New Haven, Conn. Fabric stretching and straightening apparatus. 2,188,665; Jan. 30.
Sperry, Paul A., New Haven, Conn. Molding a shoe sole. 2,202,875; June 4.
Sperry, Paul A., New Haven, Conn. Shoe. 2,206,860; July 9.
Sperry, Paul A., New Haven, Conn. Apparatus for treating fabric. 2,220,627; Nov. 5.
Sperry, Philmore F., assignor to Excel Auto Radiator Company, Chicago, Ill. Air conditioner. 2,186,562; Jan. 9.
Sperry, Philmore F., assignor to Excel Auto Radiator Company, Chicago, Ill. Heat exchange device. 2,196,539; Apr. 9.
Sperry, Philmore F., assignor to Revere Camera Company, Chicago, Ill. Reel means for projectors and driving means therefor. 2,207,075; July 9.
Sperry, Philmore F., assignor, by mesne assignments to Revere Camera Company, Chicago, Ill. Rewind indicator for cameras and the like. 2,214,184; Sept. 10.
Sperry, Philmore F., assignor, by mesne assignments to Revere Camera Company, Chicago, Ill. Speed control means for cameras and the like. 2,214,185; Sept. 10.

Sperry, Philmore F., assignor to Reverse Camera Company, Chicago, Ill. Intermittent film driving and framing apparatus. 2,214,186; Sept. 10.
Sperry, Philmore F., assignor to Excel Auto Radiator Company, Chicago, Ill. Refrigerating apparatus. 2,225,380; Dec. 17.
Sperry Products, Inc. (See Cushnie, Peter, assignor.)
Sperry Products, Inc. (See De Lanty, Loren J., assignor.)
Sperry Products, Inc. (See Drake, Harcourt C., assignor.)
Sperry Products, Inc. (See Drake, H. C., and Perry, assignors.)
Sperry Products, Inc. (See Jones, George L., assignor.)
Sperry Products, Inc. (See Jones, G. L., Perry, and De Lanty, assignors.)
Sperry Products, Inc. (See Lawrence, Alfred N., assignor.)
Sperry Products, Inc. (See Sperry, Elmer A., Jr., assignor.)
Sperry, Ralph W. E., De Kalb, Ill., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Tone amplifier for pianos. 2,206,650; July 2.
Sperry-Sun Well Surveying Company. (See Bazzoni, C. B., and Razek, assignors.)
Sperry-Sun Well Surveying Company. (See Carroll, Monroe W., assignor.)
Sperry-Sun Well Surveying Company. (See Davis, Harold S., assignor.)
Sperry-Sun Well Surveying Company. (See Dewees, Leonard S., assignor.)
Sperry-Sun Well Surveying Company. (See Ellis, L. G., and Millington, assignors.)
Sperry-Sun Well Surveying Company. (See Kothny, Gottdank L., assignor.)
Sperry-Sun Well Surveying Company. (See Millington, J. W., and Evans, assignors.)
Sperry-Sun Well Surveying Company. (See Pearson, John M., assignor.)
Sperry-Sun Well Surveying Company. (See Smith, George A., assignor.)
Sperry, Walter, assignor to Clipper Belt Lacer Company, Grand Rapids, Mich. Belt and tape cutter. 2,190,049; Feb. 13.
Sperry, William E., San Diego, Calif. Bicycle transmission. 2,210,221; Aug. 6.
Sperti, George, Cincinnati, Ohio, assignor to Sperti Lamp Corporation, New York, N. Y. Lamp. 2,196,567; Apr. 9.
Sperti, George, Covington, Ky., assignor to Sperti Lamp Corporation, New York, N. Y. Light source. 2,196,568; Apr. 9.
Sperti Lamp Corporation. (See Sperti, George, assignor.)
Speth, Lloyd G. (See Van Stittert, P., and Speth.)
Spetseris, Jerry P., Cleveland, Ohio. Violin supporter. 2,216,052; Sept. 24.
Speziale, Vincenzo, Millville, N. J. Sewing device. 2,217,260; Oct. 8.
Spicer, Arthur E., Pasadena, Calif. Multiple cell dry battery. 2,185,756; Jan. 2.
Spicer, Arthur E., Pasadena, Calif. Multiple cell battery. 2,212,054; Aug. 20.
Spicer Manufacturing Company, The. (See Lewis, Robert P., assignor.)
Spicer Manufacturing Corporation. (See Daniell, John A., assignor.)
Spicer Manufacturing Corporation. (See Lewis, Robert P., assignor.)
Spicer Manufacturing Corporation. (See Sparrow, William E., assignor.)
Spicer, William E., Baton Rouge, La., assignor to Standard-I. G. Company. Preparing catalysts. 2,209,492; July 30.
Spicer, William E., and R. N. Watts, Baton Rouge, La., assignors to Standard-I. G. Company. Reclaiming catalysts. 2,204,193; June 11.
Spickelmier, Ernest, C. W. Bruenger, and F. L. Hitchcock, assignors to Spickelmier Fuel and Supply Company, Indianapolis, Ind. Hat processing machine. 2,226,360; Dec. 24.
Spickelmier Fuel and Supply Company. (See Spickelmier, E., Bruenger, and Hitchcock.)
Spidell, Charles N., and J. A. Skaggs, Milwaukee, Wis. Portable building material oven. 2,218,589; Oct. 22.
Spiegel, Felix, et al. (See Lorenzen, Robert, assignor.)
Spiegel, Inc. (See Kahn, Jacob K., assignor.)
Spiegel, Inc. (See Kahn, J. K., and Skoog, assignors.)
Spiegl, Ellis H., Salinas, Calif. Grill. 2,198,134; Apr. 23.
Spiegl, Ellis H., Salinas, Calif. Lettuce pack and packing lettuce. 2,203,033; June 4.
Spiegler, Louis. (See Calcott, W. S., Spiegler, and Tinker.)
Spiegler, Louis. (See Flenner, A. L., Flint, Kaufert, and Spiegler.)
Spiegler, Louis. (See Gubelmann, I., Tinker, and Spiegler.)
Spielhagen, Walter, Berlin-Litchterfelde, Germany, assignor to General Electric Company. Electric valve converting system. 2,202,720; May 28.
Spielman, Milton H., Cuyahoga Falls, assignor to The Black & Decker Electric Company, Kent, Ohio. Vacuum cleaner. 2,219,567; Oct. 29.
Spiess, Georg, Leipzig, Germany. Sheet separator. 2,185,652; Jan. 2.
Spiess, Georg, Leipzig, Germany. Sheet feeding device. 2,191,596; Feb. 27.
Spiess, Georg, Liepzig, Germany. Sheet feeding device. 2,191,597; Feb. 27.
Spiess, Georg, Leipzig, Germany. Printing machine. 2,193,300; Mar. 12.
Spiess, Georg, Leipzig, Germany. Folding machine. 2,205,127; June 18.
Spiess, Georg, Leipzig, Germany. Suction gripper. 2,207,492; July 9.
Spiess, Georg, Leipzig, Germany. Device for lifting the uppermost sheet from a pile. 2,224,802; Dec. 10.
Spieth, Benjamin, assignor to Modine Manufacturing Company, Racine, Wis. Convector or radiator cabinet. 2,225,722; Dec. 24.
Spievak, Louis A., Los Angeles, Calif., assignor, by mesne assignments, to A. Dittler, De Kalb County, Ga. Rolling and wrapping machine. 2,213,109; Aug. 27.
Spikes, Robert L., Farmville, assignor to C. L. Hardy Curing Corporation, Mawry, N. C. Air heating and conditioning device for curing tobacco and the like. 2,197,325; Apr. 16.
Spill, Fred, assignor to Spill Manufacturing Co., Inc., East Rutherford, N. J. Eyeglasses. 2,210,507; Aug. 6.
Spill Manufacturing Co. (See Spill, Fred, assignor.)
Spiller, William R., and J. R. Lehman, Dayton, assignors to Harris-Seybold-Potter Company, Cleveland, Ohio. Clamp for paper cutters. 2,223,878; Dec. 3.
Spillman, Albert, assignor to Spillman Engineering Corporation, North Tonawanda, N. Y. Track connection. 2,195,588; Apr. 2.
Spillman, Edward O., Buffalo, N. Y., assignor to L. Z. Osius, Miami Beach, Fla. Delayed action switch. 2,216,760; Oct. 8.
Spillman Engineering Corporation. (See Spillman, Albert, assignor.)
Spillman Engineering Corporation. (See Zebulske, Edward A., assignor.)
Spinasse, Arthur E., Mount Vernon, Ohio. Removing cracks from a sheet of glass being drawn. 2,197,811; Apr. 23.
Spindler, Clarence E., Blue Island, Ill. Fuel feed for internal combustion engines. 2,185,573; Jan. 2.
Spindler, Kurt P., assignor to Karl Lieberknecht, Inc., Reading, Pa. Flat knitting machine. 2,204,629; June 18.
Spinelli, Louis, Cleveland, Ohio. Roundabout. 2,200,864; May 14.
Spinello, Matt, assignor of one-half to L. J. Wood, Rockford, Ill. Electrical insulation cutter. 2,187,215; Jan. 16.
Spinner, Abraham J., assignor to Plastic Binding Corporation, Chicago, Ill. Calendar. 2,224,414; Dec. 10.
Spinner, Isidore. (See Nelson, C. B., and Spinner.)
Spinner, Isidore, Chicago, Ill. Ringlike device. 2,202,567; May 28.
Spinner, Isidore, assignor to Plastic Binding Corporation, Chicago, Ill. Plastic binder. 2,224,165; Dec. 10.
Spire, Irene D., administratrix. (See Spire, William H.)
Spire, William H., deceased, by I. D. Spire, administratrix, assignor to Thompson Products, Incorporated, Cleveland, Ohio. Hydraulic system. 2,193,497; Mar. 12.
Spires, Leland B., Columbus, Ohio. Trailer hitch. 2,212,081; Aug. 20.
Spiro, Walter, White Plains, N. Y. Educational game apparatus. 2,185,232; Jan. 2.
Spisak, Rosalia E., Chicago, Ill. Folding fan. 2,210,508; Aug. 6.
Spiselman, Joseph W. (See Downs, C. R., and Spiselman.)
Spitaler, Paul, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Castings of aluminum alloys. 2,186,394; Jan. 9.
Spitz, Alfred J., Oklahoma City, Okla. Bumper for vehicles. 2,197,532; Apr. 16.
Spitz, Robert A., Waukegan, Ill. Paint bucket attachment. 2,196,614; Apr. 9.
Spitzer, Harold, Brooklyn, N. Y. Mensuration device. 2,208,707; July 23.
Spitzglass, Albert F., assignor to Republic Flow Meters Company, Chicago, Ill. Instrument. 2,185,276; Jan. 2.
Spitzglass, Albert F., assignor to Republic Flow Meters Company, Chicago, Ill. Regulating system. 2,223,837; Dec. 3.
Spitzglass, Albert F., and O. T. Handwerk, Chicago, Ill. Instrument. 2,212,652; Aug. 27.
Spitzglass, Albert F., and O. T. Handwerk, assignors to Republic Flow Meters Company, Chicago, Ill. Regulator. 2,220,180; Nov. 5.
Spitzli, Donald H., Arlington, and R. L. Kennedy, Plainfield, N. J., assignors to Congoleum-Nairn Inc. Composition and making same. 2,224,237; Dec. 10.
Spitzli, Donald H., Arlington, and R. L. Kennedy, Plainfield, N. J., assignors to Congoleum-Nairn Inc. Composition and making same. 2,224,238; Dec. 10.
Spitzwieser, Ferdinand, New York, N. Y. Combination toy. 2,225,723; Dec. 24.
Spladis Société pour l'Application d'Inventions Scientifiques. (See Esnault-Pelterie, Robert, assignor.)
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Respirator. 2,206,061; July 2.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,222,545; Nov. 19.

Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,223,646; Dec. 3.
Spohn, John H., Jr., San Francisco, Calif. Gyratory crusher. 2,186,596; Jan. 9.
Spohn, John H., Jr., San Francisco, Calif. Gyratory crusher. 2,188,666; Jan. 30.
Spokes, Ray E., Ann Arbor, Mich., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Composition material for friction elements or the like. 2,211,354; Aug. 13.
Spolek Pro Chemickon A. Hutní Výrobu. (See Schmidt, H., and Ježek, assignors.)
Spong, Norman C. (See Burson, Harry H., assignor.)
Sponge Rubber Products Co., The. (See Daley, Frederick M., assignor.)
Sponge Rubber Products Company, The. (See Daley, F. M., and De Wyk, assignors.)
Sponge Rubber Products Company, The. (See De Wyk, Ludolf H. and L. H., Jr., assignors.)
Sponsel, Carl J., assignor to Walgreen Co., Chicago, Ill. Combination syringe, hot and cold pack appliance. 2,213,057; Aug. 27.
Spormann, Walter. (See Wintersberger, K., and Spormann.)
Spotswood, Earl H. (See Ruddle, A. B., and Spotswood.)
Spotz, Chester A., Greenwich, Conn. Retaining means for an automotive vehicle brake system. 2,220,465; Nov. 5.
Spoun, Fritz. (See Dohse, H., and Spoun.)
Spradling, David J., St. Louis, Mo. Folding window shade. 2,223,010; Nov. 26.
Spradling, Fred E., St. Louis, Mo. Locking mechanism. 2,212,957; Aug. 27.
Sprague, Frank D., New Canaan, Conn., assignor to Sprague Specialties Company, North Adams, Mass. Spark plug. 2,208,708; July 23.
Sprague Meter Company. (See Cheeseman, Henry W., assignor.)
Sprague, Philip T., and A. Soller, assignors to The Hays Corporation, Michigan City, Ind. Pressure gauge. 2,199,013; Apr. 30.
Sprague, Robert H. (See Brooker, L. G. S., and Sprague.)
Sprague Specialties Company. (See Burnham, John, assignor.)
Sprague Specialties Company. (See Collins, Joseph L., assignor.)
Sprague Specialties Company. (See Collins, J. L., and Durant, assignors.)
Sprague Specialties Co. (See Godsey, Frank W., Jr., assignor.)
Sprague Specialties Co. (See Robinson, Preston, assignor.)
Sprague Specialties Company. (See Sprague, Frank D., assignor.)
Spraragen, Louis, assignor to The Bridgeport Coach Lace Company, Incorporated, Bridgeport, Conn. Window channel. 2,191,549; Feb. 27.
Spraragen, Louis, assignor to Bridgeport Fabrics, Incorporated, Bridgeport, Conn. Window guide channel. 2,204,630; June 18.
Spray, Cranston. (See Palmer, Frank D., assignor.)
Spray Engineering Company. (See Dennison, Frank G., assignor.)
Spray Engineering Company. (See Thompson, Wayne B., assignor.)
Spray, Lester E., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Multiple control apparatus. 2,211,522; Aug. 13.
Spray, Lester E., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Multiple control apparatus. 2,211,523; Aug. 13.
Sprayomatic Products Company, The. (See Balthasar, Harry G., assignor.)
Spreckels, John D., Seattle, Wash. Hairpin magazine for hair curlers. 2,226,351; Dec. 24.
Spreckles Sugar Company. (See Norman, Arvil A., assignor.)
Spreen, H. F. (See McKee, Donald E., assignor.)
Spreng, Warren M., assignor to The F. E. Myers & Bro. Company, Ashland, Ohio. Sanitary base for well pumps. 2,214,208; Sept. 10.
Sprengel, Ernst. (See Nesselmann, K., and Sprengel.)
Sprenger, Edwin, Zurich, Switzerland. Device for the regulation of the oil feed in oil furnaces. 2,196,430; Apr. 9.
Sprenger, Gerhard E. (See Nawiasky, P., and Sprenger.)
Sprenger, Richard, Henningsdorf, near Berlin, Germany, assignor to General Electric Company. Manufacturing gunstocks. 2,205,891; June 25.
Sprenkle, Everett F., North East, Md. Hydraulic brake control. 2,217,141; Oct. 8.
Spriggs, Ernest L., and J. H. Butts, assignors to Rome Specialty Company, Inc., Rome, N. Y. Collapsible fish landing net. 2,205,229; June 18.
Spring Clutch Control, Inc. (See Hubbell, Bert D., assignor.)
Spring, Joseph J. (See Goss, S. T., and Spring.)
Spring Perch Company. (See Dow, Harold T., assignor.)
Springer, Ray W., Detroit, Mich. Door locking mechanism. 2,218,183; Oct. 15.
Springer, Wilhelm, Isny, Germany. Fishing line reel. 2,201,305; May 21.
Springfield Leather Products Company, The. (See Lupfer, Robert N., assignor.)
Springfield Leather Products Company, The. (See Lupfer, R. N., and Whitmer, assignors.)
Springfield Leather Products Company. (See Mueller, Louis A., assignor.)
Springfield Photo Mount Co. (See Jolly, Oscar W., assignor.)
Springfield Wire & Tinsel Co. (See Bradford, Edward S., Jr., assignor.)
Springfield Wire & Tinsel Co. (See Neal, Franklin G., assignor.)
Sprinkel, Henry G., Harrisonburg, Va. Smoke cooling device. 2,189,684; Feb. 6.
Sprong, Severn D., Brooklyn, N. Y., assignor to General Electric Company. Regulator system. 2,224,067; Dec. 3.
Sproul, Donald F., Chicago, Ill., assignor to Cardwell-Westinghouse Company. Selective travel draft gear. 2,187,333; Jan. 16.
Sproul, Donald F., Chicago, Ill., assignor to Cardwell-Westinghouse Company. Friction bolster spring. 2,220,128; Nov. 5.
Sproule, Donald O., assignor of one-third to A. J. Hughes, Essex, and one-third to Henry Hughes & Son Limited, London, England. Dynamo electric machinery. 2,191,809; Feb. 27.
Sprouse, James J., and G. R. Heitzman, San Diego, Calif.; said Heitzman assignor to said Sprouse. Bullnose plaster ground molding. 2,196,086; Apr. 2.
Sprouse, V. E., Company. (See Sprouse, Verner E., assignor.)
Sprouse, Verner E., assignor to V. E. Sprouse Company, Indianapolis, Ind. Drum end filling funnel. 2,189,967; Feb. 13.
Sprout, Waldron & Company. (Se Hall, William F., assignor.)
Sprovieri, Luigi, Port Arthur, Ontario, Canada. Boot and shoe heel construction. 2,221,388; Nov. 12.
Sprung, Abraham, Brooklyn, N. Y. Removable handle for containers. 2,225,891; Dec. 24.
Spurlin, Harold M., assignor to Hercules Powder Company, Wilmington, Del. Purification of cellulose ethers. 2,207,076; July 9.
Spurlin, Harold M., assignor to Hercules Powder Company, Wilmington, Del. Purification of cellulose ethers. 2,214,070; Sept. 10.
Spurlin, Harold M., and G. H. Pfeiffer, assignors to Hercules Powder Company, Wilmington, Del. Progressive-burning smokeless powder and manufacture. 2,187,866; Jan. 23.
Spurlin, Harold M., and G. H. Pfeiffer, assignors to Hercules Powder Company, Wilmington, Del. Progressive-burning smokeless powder and method of manufacture. 2,198,746; Apr. 30.
Spurlock, Oliver C., Burrton, Kans. Air pressure indicator switch. 2,195,155; Mar. 26.
Spurney, Henry W., Detroit, Mich. Transplanting tool. 2,219,374; Oct. 29.
Square D Company. (See Jackson, John G., assignor.)
Square D Company. (See Jackson, J. G., and Allen, assignors.)
Square D Company. (See Kollsman, Paul, assignor.)
Square D Company. (See Maechtlen, L. G., and Duvall, assignors.)
Square D Company. (See Pengilly, J. H., Moyen, Duvall, and Maechtlen, assignors.)
Square D. Company. (See Schaefer, Carl A., assignor.)
Square D Company. (See Van Valkenburg, Hermon L., assignor.)
Squibb, E. R., & Sons. (See Baker, Joseph S., assignor.)
Squibb, E. R., & Sons. (See Chase, F. C., and Hulsmann, assignors.)
Squibb, E. R., & Sons. (See Christiansen, Walter G., assignor.)
Squibb, E. R., & Sons. (See Christiansen, W. G., and Herlong, assignors.)
Squibb, E. R., & Sons. (See Eberlein, Carl W., assignor.
Squibb, E. R., & Sons. (See Erhard, William, assignor.)
Squibb, E. R., & Sons. (See Lott, William A., assignor.)
Squibb, E. R., & Sons. (See Nitardy, Ferdinand W., assignor.)
Squibb, E. R., & Sons. (See Nitardy, F. W., and Andrews, assignors.)
Squibb, E. R., & Sons. (See Nitardy, F. W., and Billheimer, assignors.)
Squibb, E. R., & Sons. (See Nitardy, F. W., and Christiansen, assignors.)
Squibb, E. R., & Sons. (See Nitardy, F. W., Westgate, and Werner.)
Squibb, E. R., & Sons. (See Ort, John M., assignor.)
Squier, George L., Manufacturing Company. (See Schwarz, E. A., and Faber, assignors.)
Squire, Arnold M. (See Rehn, Edward H. and L. E., and Squire.)
Squire, Nathen E., assignor to Ford Amusement Devices, Inc., Chicago, Ill. Shooting gallery. 2,187,989; Jan. 23.
Squire, Ralph M., Bonneville, Oreg. Nut locking device. 2,220,356; Nov. 5.
Squires, Howard L., assignor to Reed Roller Bit Company, Houston, Tex. Reamer. 2,189,035; Feb. 6.
Squires, Richard K., assignor of one-half to W. T. Sconyers, Oakland, Calif. Lighting system. 2,190,739; Feb. 20.

Srack, George E., Tulsa, Okla. Sash lock and holding device. 2,203,184; June 4.
Srodulski, Joseph W., Chicago, Ill. Coin control unit. 2,193,210; Mar. 12.
Srodulski, Joseph W., Chicago, Ill. Dispensing machine. 2,201,655; May 21.
Srodulski, Joseph W., Chicago, Ill. Overload clutch. 2,212,252; Aug. 20.
Staats, Franklin E., Rock Island, Ill. Hydraulic transmission mechanism. 2,218,558; Oct. 22.
Stabbert, Edward, Tacoma, Wash. Plasterer's float and trowel. 2,189,555; Feb. 6.
Staber, George I. (See Anderson, W. S., Jr., and Staber.)
Stabilisator A. G. (See Körös, László, assignor.)
Stabolovolt G. m. b. H. (See Körös, L., and Toennies, assignors.)
Stacey, Ernest W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for cutting sheet stock. 2,211,840; Aug. 20.
Stacey, Ernest W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe sole fitting machine. 2,219,341; Oct. 29.
Stachelrodt, Fred W., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Abrading tool. 2,189,302; Feb. 6.
Stack, Carl, Gary, Ind. Apparatus for producing molded pulp articles. 2,203,343; June 4.
Stack, Theodore T., Chicago, assignor to Payne Products Co., Barrington, Ill. Sign holder. 2,198,184; Apr. 23.
Stäckel, Walter, Bochum, Germany, assignor to Otto-Wilputte Ovenbouw Mij. (Otto-Wilputte Oven Construction Company) N. V., The Hague, Netherlands. Underfired regenerative coke oven. 2,199,513; May 7.
Stackhouse, George A., Oakland, Calif., assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Bed divan. 2,215,669; Sept. 24.
Stackpole Carbon Company. (See Andrews, Lewis D., assignor.)
Stackpole Carbon Company. (See Hathorn, Clarence J., assignor.)
Stackpole Carbon Company. (See Kiefer, Edwin F., assignor.)
Stacom Process Corporation. (See Allen, Earle F., assignor.)
Stacy, Thomas F., assignor to The French Oil Mill Machinery Co., Piqua, Ohio. Drawing press. 2,192,778; Mar. 5.
Stacy, Thomas F., assignor to The French Oil Mill Machinery Co., Piqua, Ohio. Pump. 2,205,913; June 25.
Stader, Florence M., Plymouth, Mich. Fastening device. 2,208,283; July 16.
Stader, William. (See Shipman, E. F., and Stader.)
Stadle, Wendell H., assignor of fifty per cent to F. J. Meiges, Battle Creek, Mich. Surgical instrument. 2,212,133; Aug. 20.
Stadler, Albert, assignor to G. W. McKee, Rockford, Ill. Centrifugal blower rotor. 2,222,787; Nov. 26.
Stadler, Friedrich. (See Halbig, P., Reiter, and Stadler.)
Stadler, Robert. (See Auerhahn, A., and Stadler.)
Stadler, Robert, and A. Auerhahn, Heidelberg, Germany, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company Inc., Wilmington, Del. Continuous production of polymerization products of acetylene. 2,191,088; Feb. 20.
Stadt, Henry M., Glendale, Calif., assignor to Refining, Inc., Reno, Nev. Refining fatty oils. 2,223,077; Nov. 26.
Stadtfeld, Jacob A., assignor to D. Colvin, San Francisco, Calif. Dispensing device. 2,191,918; Feb. 27.
Stadtfeld, Jacob A., assignor to D. Colvin, San Francisco, Calif. Beverage dispenser and carbonator. 2,194,775; Mar. 26.
Stadub, Stephen, Brooklyn, N. Y. Die collar pressing machines. 2,222,447; Nov. 19.
Staeckel, Walter, Bochum, Germany, assignor, by mesne assignments, to Fuel Refining Corporation. Coke oven battery. 2,220,919; Nov. 12.
Staege, Stephen A., assignor to The Black-Clawson Company, Hamilton, Ohio. Shaft bearing. 2,186,153; Jan. 9.
Staege, Stephen A., assignor to The Black-Clawson Company, Hamilton, Ohio. Paper machinery. 2,190,851; Feb. 20.
Staege, Stephen A., assignor to The Black-Clawson Company, Hamilton, Ohio. Condensation apparatus. 2,202,406; May 28.
Staelin, Carl G., Toledo, Ohio, assignor, by mesne assignments, Owens-Corning Fiberglas Corporation, Toledo, Ohio. Apparatus for drawing glass fibers. 2,225,667; Dec. 24.
Staff, Aaron S., New York, N. Y. Knitted fabric. 2,205,581; June 25.
Stafford, Allen D., Chicago, Ill. Barbecuing apparatus. 2,205,914; June 25.
Stafford, Earl. (See Hosmer, H. W., and Stafford.)
Stafford, Frank A., Conway, assignor of one-half to C. L. Farrens, Clarinda, Iowa. Directional signal means for automotive vehicles. 2,211,441; Aug. 13.
Stafford, Fred R., Jonesboro, Ind. Telephone. 2,227,162; Dec. 31.
Stafford, Stephen B., Oxford, and H. A. Smith, Holden, assignors to Rice, Barton & Fales Incorporated, Worcester, Mass. Printing machine. 2,221,930; Nov. 19.
Stafford, Walter K., Newton, and F. W. Anderson, Boston, assignors of one-third to A. R. Shrigley, Hingham, Mass. Combination shut-off and regulator for ovens. 2,188,088; Jan. 23.
Stagl, Rodolphe, Brussels, Belgium. Drawing device. 2,189,371; Feb. 6.
Stagmeier, Arthur F. (See Rector, T. M., and Stagmeier.)
Stagner, Bert A., Long Beach, Calif. Addition and stabilizer agent for lubricating oils and hydrocarbon liquids (metal-alkoxide-carboxylates). 2,225,197; Dec. 17.
Stahl, Charles E., Montclair, assignor to Arcturus Development Company, Newark, N. J. Thermionic tube. 2,188,270; Jan. 23.
Stahl, Charles R., and K. Davis, Powellton, W. Va. Apparatus for loading coal. 2,195,544; Apr. 2.
Stahl, Edward J., Lakewood, assignor to The Baker-Raulang Company, Cleveland, Ohio. Utility truck. 2,192,207; Mar. 5.
Stahl, Frank E., deceased; L. M. Stahl, administratrix, assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Chain forming machine. 2,190,129; Feb. 13.
Stahl, Frank E., deceased; L. M. Stahl, administratrix, assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Making twisted chain. 2,190,130; Feb. 13.
Stahl, Frank E., deceased; L. M. Stahl, administratrix, assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Swivel device for tire chains. 2,194,437; Mar. 19.
Stahl, Frank E., deceased; L. M. Stahl, administratrix, assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Making chains. 2,196,686; Apr. 9.
Stahl, Friedrich, Werdohl, assignor to Stahlwerke Brüninghaus Aktiengesellschaft, Werdohl in Westphalia, Germany. Arrangement for fixing handles of steel tube in forks, spades, or other implements. 2,191,998; Feb. 27.
Stahl, Hugh R., Wood, S. Dak. Adjustable chair or the like. 2,189,256; Feb. 6.
Stahl, Leslie W., Houston, Tex., and R. L. Foster, assignors to Tmsco Derrick & Equipment Company, Los Angeles, Calif. Liner construction for slush pumps. 2,207,112; July 9.
Stahl, Lillie M., administratrix. (See Stahl, Frank E.)
Stahl, Ray H., Springfield, Ohio. Machine for cutting brick or the like. 2,205,313; June 18.
Stahlberg, Gerhard. (See Einig, J., and Stahlberg.)
Stahlecker, Wilhelm, Stuttgart-Bad Cannstatt, assignor to Vereinigte Kugellagerfabriken A. G., Schweinfort, Werk Bad-Cannstatt, Germany. Roll for textile machinery. 2,204,515; June 11.
Stahlwerke Brüninghaus Aktiengesellschaft. (See Stahl, Friedrich, assignor.)
Stahly, Eldon E. (See Voorhies, A., Jr., and Stahly.)
Stahly, Eldon E., and E. M. Hattox, Baton Rouge, La., assignors to Standard Oil Development Company. Alkylation process. 2,204,194; June 11.
Stahly, Grant L., and W. W. Carlson, Columbus, Ohio, assignors to Commonwealth Engineering Corporation, Wilmington, Del. Making ether and ester derivatives of polysaccharides synthesized through bacterial action. 2,203,702; June 11.
Stahly, Grant L., and W. W. Carlson, Columbus, Ohio, assignors to Commonwealth Engineering Corporation, Wilmington, Del. Ethers of dextran. 2,203,703; June 11.
Stahly, Grant L., and W. W. Carlson, Columbus, Ohio, assignors to Commonwealth Engineering Corporation, Wilmington, Del. Chemical method of etherifying dextran. 2,203,704; June 11.
Stahly, Grant L., and W. W. Carlson, Columbus, Ohio, assignors to Commonwealth Engineering Corporation, Wilmington, Del. Soluble benzyl ether of dextran. 2,203,705; June 11.
Stahn, Albert, and T. Bornemann, Hanover, Germany. Electric irradiator. 2,226,328; Dec. 24.
Stahr, John A., assignor of one-third to C. H. Snyder and one-third to C. W. Bosler, Philadelphia, Pa. Spark plug. 2,208,059; July 16.
Staiger, Karl, Aachen, assignor to Firma Kreidler's Metall- & Drahtwerke Gesellschaft mit beschrankter Haftung, Stuttgart-Zuffenhausen, Germany. Manufacturing hollow articles from metals. 2,190,536; Feb. 13.
Staines, Cyril R. (See Moodey, L. T., and Staines.)
Stair, Jacob L., Chicago, and E. C. McKinnie, Oak Park, Ill. Luminaire. 2,220,298; Nov. 5.
Stake, Herman, assignor of one-half to H. A. Cutler, Spencer, and one-half to E. A. Weir, Worcester, Mass. Speed recording device. 2,208,140; July 16.
Staley, A. E., Manufacturing Company. (See Dale, J. K., and Langlois, assignors.)
Staley, A. E., Manufacturing Company. (See Gill, Lowell O., assignor.)
Staley, Benjamin M., assignor to National Transit Pump & Machine Co., Oil City, Pa. Rotary pump of the single rotor type. 2,216,053; Sept. 24.
Staley, Clay N. (See Willcox, Le Roy S., assignor.)
Staley, Joseph H., Columbus, Ind. Switch actuating means. 2,205,314; June 18.
Staley, Joseph H., Columbus, Ind. Mercury switch. 2,219,496; Oct. 29.
Staley, Joseph H., Columbus, Ind. Metal mercury tube switch. 2,227,040; Dec. 31.

Staley, Joseph H., Columbus, Ind. Mercury switch breaker. 2,227,041; Dec. 31.
Staley, Joseph H., assignor to Electric Switch Corporation, Columbus, Ind. Centrifugal control. 2,204,325; June 11.
Staley, William K. (See Johnson, A. J., and Staley.)
Stålhane, Bertil, Stockholm, Sweden. Resistance material and making same. 2,206,792; July 2.
Stålhane, Bertil, Stockholm, Sweden. Electrically insulating coating. 2,218,058; Oct. 15.
Stalker, Edward A., Ann Arbor, Mich. Variable speed transmission. 2,223,743; Dec. 3.
Stalker, Edward A., Ann Arbor, Mich. Wing and similar construction. 2,223,744; Dec. 3.
Stalker, Edward A., Ann Arbor, Mich. Torque converter. 2,223,745; Dec. 3.
Stallman, Hazel E., Pontiac, Mich. Knitting needle. 2,188,823; Jan. 30.
Stallmann, Otto, Bridgeton, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuff pastes of dyestuffs of the dibenzanthrone class and preparing them. 2,185,871; Jan. 2.
Stallmann, Otto, Bridgeton, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the dibenzanthrone series. 2,218,663; Oct. 22.
Stallmann, Otto, South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of leuco sulphuric acid esters of alkyl ethers of Bz - 2, Bz - 2′ - dihydroxydibenzanthrone. 2,188,320; Jan. 30.
Stallmann, Otto, South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. 3,3′-Dihalogen-dianthrahydroquinoneazine tetrasulphuric acid esters and making the same. 2,200,480; May 14.
Stallworthy, William W. (See Smith, G. E., and Stallworthy.)
Stalsworth, Thomas J., assignor of one-fourth to W. A. Stalsworth, and one-half to C. F. Clayton, Knoxville, Tenn. Stop mechanism for knitting machines. 2,208,481; July 16.
Stalsworth, William A., et al. (See Stalsworth, Thomas J., assignor.)
Stam, Orville, assignor to Stam-O-Lite, Inc., Chicago, Ill. Illuminating device. 2,226,879; Dec. 31.
Stambaugh, Sherwood, North Canton, Ohio. Electrical connector. 2,199,599; May 7.
Stamford Trust Company, The. (See Bott, George R., assignor.)
Stamm, Alfred H., and H. S. Barton, Peoria, Ill. Building block. 2,186,712; Jan. 9.
Stam-O-Lite, Inc. (See Stam, Orville, assignor.)
Stampen, Jacob J. (See Babson, H. B., and Stampen.)
Stampress Folding System, Inc. (See Vachon, Lionel G. and H. A., assignors.)
Stamps, George F., Los Angeles, Calif. Well packer. 2,187,635; Jan. 16.
Stancliff, Thomas H., assignor to Reed Roller Bit Company, Houston, Tex. Drill bit. 2,197,541; Apr. 16.
Stancliff, Thomas H., assignor to Reed Roller Bit Company, Houston, Tex. Drill. 2,203,846; June 11.
Stancliff, Thomas H., assignor to Reed Roller Bit Company, Houston, Tex. Drilling bit. 2,210,101; Aug. 6.
Stancliff, Thomas H., assignor to Reed Roller Bit Company, Houston, Tex. Rock bit. 2,216,894; Oct. 8.
Stanco, Inc. (See Holtsclaw, J. B., Harmsen, and Cooke, assignors.)
Stanco Incorporated. (See Rose, William H., assignor.)
Standard Alcohol Company. (See Archibald, F. M., and Schneider, assignors.)
Standard Alcohol Company. (See Brooks, Benjamin T., assignor.)
Standard Alcohol Co. (See Cohen, C. A., and Beamer, assignors.)
Standard Alcohol Company. (See Schneider, Helmuth G., assignor.)
Standard Brands Incorporated. (See Bennett, William G., assignor.)
Standard Brands Incorporated. (See Braun, Géza, assignor.)
Standard Brands Incorporated. (See Collins, William R., assignor.)
Standard Brands Incorporated. See Freilich, J., and Frey, assignors.)
Standard Brands Incorporated. (See Frey, C. N., and Jozsa, assignors.)
Standard Brands Incorporated. (See Guthrie, John D., assignor.)
Standard Brands Incorporated. (See Johnston, William R., assignor.)
Standard Brands, Incorporated. (See Meyer, Ejnar A., assignor.)
Standard Brands Incorporated. (See Schultz, A. S., and Atkin, assignors.)
Standard Brands Incorporated. (See Stokes, W. E., and Kennedy, assignors.)
Standard Brass Manufacturing Company. (See Normandie, Robert E., assignor.)
Standard Chemical and Mineral Corporation. (See Whittier, Charles C., assignor.)
Standard Computing Scale Company, The. (See Anderson, G. P. and D. G., assignors.)
Standard Computing Scale Company, The. (See Jaenichen, Louis, assignor.)
Standard Computing Scale Company, The. (See Jaenichen, L., and Behm, assignors.)
Standard Conveyor Company. (See Eggleston, Smith, assignor.)
Standard Conveyor Company. (See Towne, A. C., and Tingwall, assignors.)
Standard Corrugated Case Corporation. (See Liskin, Joseph, assignor.)
Standard Corset Company, The. (See Gagnon, Joseph X., assignor.)
Standard Devices Company. (See Skinner, C. W., and Morris.)
Standard Electric Hammer Co. (See Berman, Samuel, assignor.)
Standard Gage Company. (See Emery, Alfred H., assignor.)
Standard-I. G. Company. (See Brown, C. L., and Jones, assignors.)
Standard-I. G. Company. (See Buetefisch, H., Winkler, Kaufmann, and Bemmann, assignors.)
Standard-I. G. Company. (See Currie, William E., assignor.)
Standard-I. G. Company. (See Herold, P., Kroenig, Kaufmann, and Donath, assignors.)
Standard-I. G. Company. (See Pier, M., and Donath, assignors.)
Standard-I. G. Company. (See Pier, M., Simon, and Berger.)
Standard–I. G. Company. (See Pier, M., Simon, and Jacob, assignors.)
Standard-I. G. Company. (See Pier, M., Simon, and Kroenig, assignors.)
Standard-I. G. Company. (See Pier, M., Urban, and Donath, assignors.)
Standard-I. G. Company. (See Rosen, Raphael, assignor.)
Standard-I. G. Company. (See Spicer, William E., assignor.)
Standard-I. G. Company. (See Spicer, W. E., and Watts, assignors.)
Standard-I. G. Company. (See Sweeney, W. J., and Tilton, assignors.)
Standard-Knapp Corporation. (See Kimball, W. D., and Braren, assignors.)
Standard-Knapp Corporation. (See Kimball, W. D., Braren, and Mosley, assignors.)
Standard-Knapp Corporation. (See Mosley, J. H., and McFaull, assignors.)
Standard Lime and Stone Company, The. (See Mueller, Louis J., assignor.)
Standard Lime and Stone Company, The. (See Pinder, Harold J., assignor.)
Standard Lime and Stone Company, The. (See Young, William J., assignor.)
Standard Mailing Machines Company. (See Storck, Frederick W., assignor.)
Standard Mfg. Co. (See Batcheller, Hugh W., assignor.)
Standard Meter Corporation, The. See Lucia, Louis V., assignor.)
Standard Mill Supply Company. (See Vallie, Guy C. D., assignor.)
Standard Mirror Company. (See La Hodny, W., and Bertell, assignors.)
Standard Motor Products, Inc. (See Nadler, C. S., and Kameny, assignors.)
Standard Oil Company. (See Adams, Chester E., assignor.)
Standard Oil Company. (See Adams, Elmer W., assignor.)
Standard Oil Company. (See Adams, E. W., and McNulty, assignors.)
Standard Oil Company. (See Arveson, Maurice H., assignor.)
Standard Oil Company. (See Atwell, Harold V., assignor.)
Standard Oil Company. (See Bahlke, W. H., and Scheineman, assignors.)
Standard Oil Company. (See Batchelder, H. R., and Shoemaker, assignors.)
Standard Oil Company. (See Blunck, Ford H., assignor.)
Standard Oil Company. (See Brown, A. B., and Bransky, assignors.)
Standard Oil Company. (See Brown, A. B., Croxton, and Ginsberg, assignors.)
Standard Oil Company. (See Brunstrum, Lawrence C., assignor.)
Standard Oil Company. (See Brunstrum, L. C., Flint, MacLaren, and Adams, assignors.)
Standard Oil Company, The. (See Burk, Robert E., assignor.)
Standard Oil Company, The. (See Burk, R. E., and Hughes, assignors.)
Standard Oil Company. (See Burk, R. E., and Lakelma, assignors.)
Standard Oil Company, The. (See Burk, R. E., and Whitacre, assignors.)
Standard Oil Company. (See Carpenter, Morris T., assignor.)
Standard Oil Company. (See Evering, B. L., and Lamb, assignors.)
Standard Oil Company. (See Heard, Llewellyn, assignor.)
Standard Oil Company. (See Heard, L., and Oblad, assignors.)
Standard Oil Company, The. (See Hughes, Everett C., assignor.)
Standard Oil Company. (See Hull, Carl M., assignor.)

Standard Oil Company. (See Hull, C. M., and Blunck, assignors.)
Standard Oil Company, et al. (See Keith, P. C., Jr., and Roberts, assignors.)
Standard Oil Company. (See Kuentzel, W. E., and Webb, assignors.)
Standard Oil Company, The. (See Lankelma, Herman P., assignor.)
Standard Oil Company. (See Lemmon, Norman E., assignor.)
Standard Oil Company. (See Livingston, M. J., Forrest, and Keith, assignors.)
Standard Oil Company. (See Loane, Clarence M., assignor.)
Standard Oil Company. (See Loane, C. M., and Shoemaker, assignors.)
Standard Oil Company. (See Marschener, Robert F., assignor.)
Standard Oil Company. (See Mason, Morris, assignor.)
Standard Oil Company. (See Mathews, Wallace B., assignor.)
Standard Oil Company, The. (See Musselman, J. M., and Lankelma, assignors.)
Standard Oil Company. (See Ohlinger, Leo A., assignor.)
Standard Oil Company. (See Plummer, William B., assignor.)
Standard Oil Company. (See Plummer, W. B., and Arveson, assignors.)
Standard Oil Company. (See Robinson, Jack, assignor.)
Standard Oil Company. (See Ruthruff, Robert F., assignor.)
Standard Oil Company. (See Schnetzler, Harry G., assignor.)
Standard Oil Company. (See Seeley, C. H., and Arveson, assignors.)
Standard Oil Company. (See Shankland, Rodney V., assignor.)
Standard Oil Company. (See Shoemaker, Bernard H., assignor.)
Standard Oil Company. (See Shoemaker, B. H., and Batchelder, assignors.)
Standard Oil Company. (See Shoemaker, B. H., and Loane, assignors.)
Standard Oil Company. (See Smith, Frank J., assignor.)
Standard Oil Company. (See Spaulding, David C., Jr., assignor.)
Standard Oil Company. (See Sullivan, Frederick W., Jr., assignor.)
Standard Oil Company. (See Thiele, Ernest W., assignor.)
Standard Oil Company. (See Thiele, E. W., and Forrester, assignors.)
Standard Oil Company. (See Voorhees, Vanderveer, assignor.)
Standard Oil Company. (See Watts, George W., assignor.)
Standard Oil Company (Indiana). (See Wilson, Robert E., assignor.)
Standard Oil Company (Ohio), The. (See Burk, Robert E., assignor.)
Standard Oil Company of California. (See Batchelder, Augustus H., assignor.)
Standard Oil Company of California. (See Bryan, Lloyd, assignor.)
Standard Oil Company of California. (See Bryan, L., and Postlewaite, assignors.)
Standard Oil Company of California. (See Brown, Richard I., assignor.)
Standard Oil Company of California. (See Burton, Alvin A., assignor.)
Standard Oil Company of California. (See Chappell, Marvin L., assignor.)
Standard Oil Company of California. (See Cope, J. Q., and Claussen, assignors.)
Standard Oil Company of California. (See Davis, W. N., Cushman, and Fratis, assignors.)
Standard Oil Company of California. (See Doty, Ira G., assignor.)
Standard Oil Company of California. (See Farrington, B. B., and Humphreys, assignors.)
Standard Oil Company of California. (See Gardiner, E. W., and Denison, assignors.)
Standard Oil Company of California. (See Gay, Norman N., assignor.)
Standard Oil Company of California. (See Holm, M. M., Lyman, and Miller, assignors.)
Standard Oil Company of California. (See Holm, M. M., Oakley, and Humphreys, assignors.)
Standard Oil Company of California. (See Holm, M. M., and Shiffler, assignors.)
Standard Oil Company of California. (See Humphreys, R. L., and Borsoff, assignors.)
Standard Oil Company of California. (See Kavanagh, F. W., Borsoff, and Humphreys, assignors.)
Standard Oil Company of California. (See Lee, Donald D., assignor.)
Standard Oil Company of California. (See Levine, I. E., and Lee, assignors.)
Standard Oil Company of California. (See Lyder, Ernest E., assignor.)
Standard Oil Company of California. (See Lyman, Arthur L., assignor.)
Standard Oil Company of California. (See Lyman, A. L., and Gardiner.)
Standard Oil Company of California. (See Postlewaite, William R., assignor.)
Standard Oil Company of California. (See Putnam, Joseph F., assignor.)
Standard Oil Company of California. (See Stratford, Charles W., assignor.)
Standard Oil Company of California. (See Wellman, Homer B., assignor.)
Standard Oil Development Company. (See Archibald, Francis M., assignor.)
Standard Oil Development Company. (See Atkins, George T., Jr., assignor.)
Standard Oil Development Company. (See Aucoin, Riley A., assignor.)
Standard Oil Development Company. (See Baldeschwieler, E. L., and Wiezevich, assignors.)
Standard Oil Development Company. (See Bartlett, Jeffrey H., assignor.)
Standard Oil Development Company. (See Blau, Ludwig W., assignor.)
Standard Oil Development Company. (See Blau, L. W., and Statham, assignors.)
Standard Oil Development Company. (See Brison, William R., assignor.)
Standard Oil Development Company. (See Brown, D. F., and De Hoff, assignors.)
Standard Oil Development Company. (See Buckley, Stuart E., assignor.)
Standard Oil Development Company. (See Cannon, G. E., assignor.)
Standard Oil Development Company. (See Cannon, G. E., and Foster, assignors.)
Standard Oil Development Company. (See Childress, James H., assignor.)
Standard Oil Development Company. (See Cibulka, A., and Mayer, assignors.)
Standard Oil Development Company. (See Clemens, J. E., and Matheson, assignors.)
Standard Oil Development Company. (See Cohen, C. A., and Mikeska, assignors.)
Standard Oil Development Company. (See Davis, Garland H. B., assignor.)
Standard Oil Development Company. (See de Mering, Boris S., assignor.)
Standard Oil Development Company. (See Dill, Gilbert D., assignor.)
Standard Oil Development Company. (See Donlan, Theodore R., assignor.)
Standard Oil Development Company. (See Eckel, J. E., and Reistle, assignors.)
Standard Oil Development Company. (See Edmonds, William J., assignor.)
Standard Oil Development Company. (See Ellis, Carleton, assignor.)
Standard Oil Development Company. (See Franceway, J. A., Jr., and Davis, assignors.)
Standard Oil Development Company. (See Frolich, Per K., assignor.)
Standard Oil Development Company. (See Fulton, Stewart C., assignor.)
Standard Oil Development Company. (See Fulton, S. C., and Cross, assignors.)
Standard Oil Development Company. (See Gaylor, Peter J., assignor.)
Standard Oil Development Company. (See Gilliland, Edwin R., assignor.)
Standard Oil Development Company. (See Gleason, Anthony H., assignor.)
Standard Oil Development Company. (See Gurd, G. W., and Munster, assignors.)
Standard Oil Development Company. (See Hall, Earle W., assignor.)
Standard Oil Development Company. (See Haupt, C. H., and Hall, assignors.)
Standard Oil Development Company. (See Haynes, Cecil J., assignor.)
Standard Oil Development Company. (See Hewlett, Amiot P., assignor.)
Standard Oil Development Company. (See Kimberlin, Charles N., assignor.)
Standard Oil Development Company. (See Kleiber, Carl, assignor.)
Standard Oil Development Company. (See Kraus, Charles A., assignor.)
Standard Oil Development Company. (See Kuhl, Paul E., assignor.)
Standard Oil Development Company. (See Langmyhr, George J., assignor.)
Standard Oil Development Company. (See Laughlin, Kenneth C., assignor.)
Standard Oil Development Company. (See Laughlin, K. C., and Cier, assignors.)
Standard Oil Development Company. (See Le Croy, Sylvester A., assignor.)
Standard Oil Development Company. (See Lewis, W. K., and Whiteley, assignors.)
Standard Oil Development Company. (See Lieber, E., and Mikeska, assignors.)
Standard Oil Development Company. (See Lieber, E., and Miller, assignors.)
Standard Oil Development Company. (See Lieber, E., and Sadlon, assignors.)
Standard Oil Development Company. (See Lynch, C. S., and Wood, assignors.)

Standard Oil Development Company. (See Matheson, George L., assignor.)
Standard Oil Development Company. (See Maverick, George M., assignor.)
Standard Oil Development Company. (See McCullouch, T. B., and Pollock, assignors.)
Standard Oil Development Company. (See McNab, J. G., and Watkins, assignors.)
Standard Oil Development Company. (See Meyer, Walter W. N., assignor.)
Standard Oil Development Company. (See Mikeska, Louis A., assignor.)
Standard Oil Development Company. (See Mikeska, L. A., and Cohen, assignors.)
Standard Oil Development Company. (See Mikeska, L. A., and Miller, assignors.)
Standard Oil Development Company. (See Mikeska, L. A., and Serniuk, assignor.)
Standard Oil Development Company. (See Miller, P., and Cloud, assignors.)
Standard Oil Development Company. (See Moore, Thomas V., assignor.)
Standard Oil Development Company. (See Morway, Arnold J., assignor.)
Standard Oil Development Company. (See Morway, A. J., and Miller, assignors.)
Standard Oil Development Company. (See Morway, A. J., and Zimmer, assignors.)
Standard Oil Development Company. (See Mottern, Henry O., assignor.)
Standard Oil Development Company. (See Mounce, Whitman D., assignor.)
Standard Oil Development Company. (See Mounce, W. D., and Rust, assignors.)
Standard Oil Development Company. (See Murphree, Eger V., assignor.)
Standard Oil Development Company. (See Murphree, E. V., and Sweeney, assignors.)
Standard Oil Development Company. (See Nelson, Joseph F., assignor.)
Standard Oil Development Company. (See Nichols, H. J., Jr., and Mateer, assignors.)
Standard Oil Development Company. (See Owen, John J., assignor.)
Standard Oil Development Company. (See Peck, Edward B., assignor.)
Standard Oil Development Company. (See Read, Chester L., assignor.)
Standard Oil Development Company. (See Robertson, Anthony E., assignor.)
Standard Oil Development Company. (See Rosen, Raphael, assignor.)
Standard Oil Development Company. (See Rudigier, Edward A., assignor.)
Standard Oil Development Company. (See Rupp, W. H., Mateer and Moore, assignors.)
Standard Oil Development Company. (See Russell, Robert P., assignor.)
Standard Oil Development Company. (See Salnikov, Ivan S., assignor.)
Standard Oil Development Company. (See Schneider, Helmuth G., assignor.)
Standard Oil Development Company. (See Schneider, H. G., and Bannon, assignors.)
Standard Oil Development Company. (See Schneider, H. G., and Smyers, assignors.)
Standard Oil Development Company. (See Sewell, Benjamin W., assignor.)
Standard Oil Development Company. (See Shmidl, A. J., and Smith, assignors.)
Standard Oil Development Company. (See Slotterbeck, Ober C., assignor.)
Standard Oil Development Company. (See Smyers, William H., assignor.)
Standard Oil Development Company. (See Stahly, E. E., and Hattox, assignors.)
Standard Oil Development Company. (See Starr, J. V., and Beiswenger, assignors.)
Standard Oil Development Company. (See Steik, Karl T., assignor.)
Standard Oil Development Company. (See Stratford, R. K., and Pokorny, assignors.)
Standard Oil Development Company. (See Sweeney, W. J., and Baldeschwieler, assignors.)
Standard Oil Development Company. (See Tracy, Osgood V., assignor.)
Standard Oil Development Company. (See Turner, Luther B., assignor.)
Standard Oil Development Company. (See Tyson, Charles W., assignor.)
Standard Oil Development Company. (See Tyson, C. W., and Hemminger, assignors.)
Standard Oil Development Company. (See Vanderbilt, Byron M., assignor.)
Standard Oil Development Company. (See Vesterdal, Hans G., assignor.)
Standard Oil Development Company. (See Voorhies, Alexis, Jr., assignor.)
Standard Oil Development Company. (See Voorhies, A., Jr., and Stahley, assignors.)
Standard Oil Development Company. (See Wasson, Jones I., assignor.)
Standard Oil Development Company. (See Wasson, J. I., and Gleason, assignors.)
Standard Oil Development Company. (See Wheat, George W., assignor.)
Standard Oil Development Company. (See Whiteley, J. M., Jr., and Bartlett, assignors.)
Standard Oil Development Company. (See Whitner, Thomas C., Jr., assignor.)
Standard Oil Development Company. (See Wiezevich, Peter J., assignor.)
Standard Oil Development Company. (See Wiezevich, P. J., and Rosen, assignors.)
Standard Oil Development Company. (See Wiezevich, P. J., and Sparks, assignors.)
Standard Oil Development Company. (See Wiezevich, P. J., Zimmer, and Morway, assignors.)
Standard Oil Development Company. (See Zimmer, John C., assignor.)
Standard Oil Development Company. (See Zimmer, J. C., and Morway, assignor.)
Standard Pressed Steel Co. (See Gade, Harald F., assignor.)
Standard Pressed Steel Co. (See Hallowell, Howard T., assignor.)
Standard Products Company, The. (See Anderson, Dwight M., assignor.)
Standard Products Company, The. (See Duffy, George E., assignor.)
Standard Products Company, The. (See Husted, Harry A., assignor.)
Standard Products Company, The. (See Reid, James S., assignor.)
Standard Products Company, The. (See Tegarty, John B., assignor.)
Standard Railway Equipment Company. (See Tangerman, William J., assignor.)
Standard Railway Equipment Manufacturing Company. (See Arnold, De Witt R., assignor.)
Standard Railway Equipment Manufacturing Company. (See Baillie, Wallace E., assignor.)
Standard Railway Equipment Manufacturing Company. (See Bonsall, Charles D., assignor.)
Standard Railway Equipment Manufacturing Company (See Crede, Charles E., assignor.)
Standard Railway Equipment Manufacturing Company. (See Finger, Paul E., assignor.)
Standard Railway Equipment Manufacturing Company. (See Gallagher, John P., assignor.)
Standard Railway Equipment Manufacturing Company. (See Gilpin, Garth G., assignor.)
Standard Railway Equipment Manufacturing Company. (See Hawksworth, David W., assignor.)
Standard Railway Equipment Manufacturing Company. (See Schlesinger, Edgar E., assignor.)
Standard Railway Equipment Manufacturing Company. (See Sisson, Vinton E., assignor.)
Standard Railway Equipment Manufacturing Company. (See Swann, James S., assignor.)
Standard Railway Equipment Manufacturing Company. (See Swanson, Earl R., assignor.)
Standard Railway Equipment Manufacturing Company. (See Tangerman, William J., assignor.)
Standard Railway Equipment Manufacturing Company. (See Thompson, William D., assignor.)
Standard Railway Equipment Manufacturing Company. (See West, Victor E., assignor.)
Standard Railway Refrigerator Company. (See Crede, Charles E., assignor.)
Standard Railway Refrigerator Company. (See Gilpin, Garth G., assignor.)
Standard Railway Refrigerator Company. (See Helwig, Arthur A., assignor.)
Standard Railway Refrigerator Company. (See West, Victor E., assignor.)
Standard Railway Refrigerator Company. (See Winship, Ralph B., assignor.)
Standard Railway Refrigerator Company. (See Zeidler, Kurt E., assignor.)
Standard Register Company, The. (See Dawson, C. W., Smith, and Metzner, assignors.)
Standard Screw Company. (See Corlett, Webster D., assignor.)
Standard Steel Corporation. (See Kuhrts, George J., Jr., assignor.)
Standard Stoker Company, The. (See Anderson, Howard P., assignor.)
Standard Stoker Company, The. (See Capps, Washington T., assignor.)
Standard Stoker Company, The. (See Chalker, Albert R., assignor.)
Standard Stoker Company. (See Hansen, Christ T., assignor.)
Standard Stoker Company, The. (See Ketchpel, Paul A., assignor.)
Standard Stoker Company. (See Kress, Joseph J., assignor.)
Standard Stoker Company, The. (See Lower, Nathan M., assignor.)
Standard Stoker Company, The. (See MacKenzie, Joseph B., assignor.)
Standard Stoker Company, The. (See Martin, Eugene, assignor.)
Standard Stoker Company, The. (See Moeller, Otto, assignor.)

Standard Stoker Company, The. (See Myers, John W., assignor.)
Standard Stoker Company, The. (See Peyton, William C., assignor.)
Standard Stoker Company, The. (See Surdy, Charles J., assignor.)
Standard Stoker Company, The. (See Turner, Edwin A., assignor.)
Standard Stoker Company, The. (See Turner, Erwin A., assignor.)
Standard Supercharger Corporation. (See Baile, Roland P., assignor.)
Standard Ultramarine Company. (See Pierce, James B., Jr., assignor.)
Standish, John F., Winthrop, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Adhesive-applying apparatus. 2,198,638; Apr. 30.
Standley, Albert H., assignor to Downingtown Manufacturing Company, Downington, Pa. Apparatus for drying paper. 2,224,803; Dec. 10.
Standley, George P. (See Bradshaw, W. H., and Standley.)
Stanford, Leland, Junior University, The, Board of trustees of. (See Hansen, William W., assignor.)
Stangebye, Olaf K., Oslo, Norway. Combination dresser mounting. 2,189,372; Feb. 6.
Stangohr, William, Missoula, Mont. Stencil circle cutter. 2,194,409; Mar. 19.
Stanisz, Theophil. (See Clavel, R., and Stanisz.)
Stankey, Oscar, East St. Louis, Ill. Motor vehicle speed alarm. 2,208,346; July 16.
Stankey, Oscar, East St. Louis, Ill. Headrest alarm. 2,215,985; Sept. 24.
Stanley, Albert E., assignor to Hawaiian Pineapple Company, Limited, Honolulu, Hawaii. Machine for treating fruit. 2,195,193; Mar. 26.
Stanley, Alfred F., Freeport, Ill. Apparatus for tunneling. 2,208,608; July 23.
Stanley, Charles F., assignor to The Fafnir Bearing Company, Britain, Conn. Bearing mounting. 2,186,686; Jan. 9.
Stanley, Charles J. (See Welch, John T., assignor.)
Stanley, Charles J., Chicago, Ill., assignor of one-half to J. T. Welch, Dowagiac, Mich. Tile and mounting the same. 2,195,905; Apr. 2.
Stanley, Charles J., Chicago, Ill., and J. T. Welch, Dowagiac, Mich. Tiled wall and tile therefor. 2,195,904; Apr. 2.
Stanley, Herbert M., Tadworth, England, assignor to The Distillers Company Limited, Edinburgh, Scotland. Catalytic dehydration of alcohols. 2,220,430; Nov. 5.
Stanley, Herbert M., Tadworth, Gregoire, Minkoff, Epsom, and J. E. Youell, Wallington, England. Production of aryl substituted olefins. 2,198,185; Apr. 23.
Stanley, Herbert M., Tadworth, G. Minkoff, Epsom, and J. E. Youell, Wallington, England. Production of divinylated aromatic hydrocarbons. 2,211,524; Aug. 13.
Stanley, Herbert M., Tadworth, and J. B. Dymock, Tonbridge, Kent, England. Treatment of aryl substituted mono-olefins. 2,215,569; Sept. 24.
Stanley Home Products, Inc. (See Glaskowsky, Nicholas A., assignor.)
Stanley, Lewis V. (See Heginbotham, J. H., and Stanley.)
Stanley Manufacturing Company, The. (See Hacker, Owen E., assignor.)
Stanley, Paul H., Huntingdon Valley, Pa., assignor, by mesne assignments, to Autogiro Company of America. Aircraft having rotative sustaining wings. 2,193,498; Mar. 12.
Stanley, Paul H., Huntingdon Valley, Pa., assignor, by mesne assignments, to Autogiro Company of America. Fairing for aircraft sustaining rotors. 2,210,190; Aug. 6.
Stanley Works, The. (See Doolittle, Howard C., assignor.)
Stanley Works, The. (See Raymond, Horace H., assignor.)
Stanley Works, The. (See Roby, Sheldon S., assignor.)
Stanley Works, The. (See Sutton, Gerald J., assignor.)
Stanley Works, The. (See Volz, Frederick A., assignor.)
Stanley Works, The. (See Wright, Parvin, assignor.)
Stannard, Benjamin F., assignor of forty per cent to A. B. Leavelle, Los Angeles, Calif. Closure controlling device. 2,200,865; May 14.
Stanolind Oil and Gas Company. (See Bays, George S., assignor.)
Stanolind Oil and Gas Company. (See Bible, John L., assignor.)
Stanolind Oil and Gas Company. (See Bible, J. L., and Ray, assignors.)
Stanolind Oil and Gas Company. (See Clark, Joseph B., assignor.)
Stanolind Oil and Gas Company. (See Cloud, Raymond T., assignor.)
Stanolind Oil and Gas Company. (See Dunn, Thomas H., assignor.)
Stanolind Oil and Gas Company. (See Eisler, Joseph D., assignor.)
Stanolind Oil and Gas Company. (See Hawley, Paul F., assignor.)
Stanolind Oil and Gas Company. (See Niles, Joseph A., assignor.)
Stanolind Oil and Gas Company. (See Sanders, Clyde S., assignor.)
Stanolind Oil and Gas Company. (See Sease, Will S., assignor.)
Stanolind Oil & Gas Company. (See Silverman, Daniel, assignor.)
Stanolind Oil and Gas Company. (See Sparks, Neil R., assignor.)
Stanolind Pipe Line Company. (See Hill, Arthur M., assignor.)
Stanolind Pipe Line Company. (See Hill, A. M., and Harshman, assignors.)
Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controller. 2,216,329; Oct. 1.
Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Voltage regulator for lighting systems. 2,226,025; Dec. 24.
Stansbury, Carroll, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Welding controller. 2,227,285; Dec. 31.
Stansbury, Carroll, Wauwatosa, and W. C. Stevens, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controller. 2,205,676; June 25.
Stansel, Earl W. (See Mann, C. A., and Stansel.)
Stansel, Numan R., Schenectady, N. Y., assignor to General Electric Company. Electric induction heating apparatus. 2,223,970; Dec. 3.
Stanton, George T., Scarsdale, and J. E. Tweeddale, New Rochelle, assignors to Electrical Research Products, Inc., New York, N. Y. Can inspection system. 2,208,202; July 16.
Stanton, Samuel J., Chicago, Ill. Poker chip holder. 2,196,818; Apr. 9.
Stanton, Walter, et al. (See Stephan, James L., assignor.)
Stanzel, George A., Des Moines, Iowa. Hydrotherapeutic massage bar. 2,225,240; Dec. 17.
Stanziale, Enrico, White Plains, N. Y. Marking device. 2,196,145; Apr. 2.
Staples, Charles M. (See Neely, P. J., Pruett, and Staples.)
Staples, Charles M., Houston, Tex. Switch point protector. 2,197,013; Apr. 16.
Staples, Crawford E., Wilkinsburg, assignor to The Union Switch & Signal Company. Swissvale, Pa. Time measuring apparatus. 2,187,406; Jan. 16.
Staples, Crawford E., Edgewood, and H. E. Ashworth, Wilkinsburg, Pa.; said Ashworth assignor to said Staples. Railway signaling apparatus. 2,223,078; Nov. 26.
Staples, Evans M., Cincinnati, Ohio. Expansible cutter. 2,190,492; Feb. 13.
Staples, Horace A., Plainfield, N. J., assignor to Phelps Dodge Copper Products Corporation, Dover, Del. Ground rod and making the same. 2,207,134; July 9.
Staples, Otis E., assignor to The Cleveland Hobbing Machine Company, Cleveland, Ohio. Hobbing machine. 2,210,134; Aug. 6.
Staples, Otis E., assignor to The Cleveland Hobbing Machine Company, Cleveland, Ohio. Hobbing gears. 2,211,611; Aug. 13.
Staples, Otis E., and C. M. Perkins, assignors to The Cleveland Hobbing Machine Company, Cleveland, Ohio. Machine for cutting gears. 2,196,087; Apr. 2.
Stapling Machines Co. (See Dunne, Edward F., assignor.)
Stapling Machines Co. (See Rosenmund, Alfred L., assignor.)
Stapling Machines Co. (See Stivers, Earl R., assignor.)
Stapp, Joseph, Sunnyside, Long Island, assignor of one-half to E. Rheinauer, New York, N. Y. Heel brace. 2,204,160; June 11.
Star Drilling Machine Company, The. (See Heinish, George, assignor.)
Star Equipment Corporation. (See Hollander, Elvin E., assignor.)
Star Equipment Corporation. (See Martin, J. E., and Emil E. and E. E. Hollander, assignors.)
Star Expansion Bolt Company. (See Mackal, Henry H., assignor.)
Star Expansion Bolt Company. (See McIntosh, Roy E., assignor.)
Starbuck, Hobart, Taft, Calif. Deep well pump. 2,213,807; Sept. 3.
Starck, Edward F., Madison, Wis. Urinal pouch. 2,222,825; Nov. 26.
Starck, Werner, and W. Heuer, Hofheim, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Splinterless glass. 2,219,433; Oct. 29.
Starck, Werner, Hofheim in Taunus, and H. Freudenberger, Frankfort-on-the-Main-Neid, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Aqueous emulsions of polymerization products and preparing them. 2,227,163; Dec. 31.
Sta-Rite Corporation. (See Bussey, Ernest, assignor.)
Sta-Rite Ginnie Lou, Inc. (See Bolinger, George N., assignor.)
Stark, Halworth E., assignor to Dr. Wood's Foot Appliance Co., Chicago, Ill. Universal foot support. 2,207,833; July 16.
Stark, Hermann. (See Voss, A., and Stark.)
Stark, John, Everette, and H. E. Christopherson, Mukilteo, Wash. Ornamental material. 2,214.237; Sept. 10.

Stark, Louis, Brooklyn, assignor to Kastar, Incorporated, New York, N. Y. File and attachment therefor. 2,186,997; Jan. 16.
Stark, Louis, Brooklyn, N. Y., assignor to Kastar, Incorporated. Self-locking bolt for automobile license plates. 2,201,930; May 21.
Stark, Ralph, assignorto Ralson Manufacturing Corporation, Long Island City, N. Y. Bottle breaking machine. 2,225,934; Dec. 24.
Starkey, Charles W. (See Adams, G. L., Starkey, and Woolley.)
Starkey, Harold C., Arcata, Calif. Fishing lure. 2,192,563; Mar. 5.
Starkey, William C. (See Krick, A. E., and Starkey.)
Starkey, William C., assignor to L. G. S. Spring Clutches, Incorporated, Indianapolis, Ind. Reversing clutch construction for power drives. 2,214,487; Sept. 10.
Starkey, William C., assignor to L. G. S. Spring Clutches, Incorporated, Indianapolis, Ind. Clutch construction. 2,219,877; Oct. 29.
Starkie, Albert E., et al. (See Lawson, H. W., and Gillerlain, assignors.)
Starkins, Walter R., Rochester, N. Y. Telegraph sending key. 2,222,448; Nov. 19.
Starkweather, Gail C. (See MacKenzie, R. J., Haas, and Starkweather.)
Starkweather, Howard W. (See Calcott, W. S., and Starkweather.)
Starkweather, Howard W., New Castle County, and A. M. Collins, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Rubberlike interpolymers of butadiene and methyl methacrylate and making same. 2,218,362; Oct. 15.
Starline, Inc. (See Dickson, Charles L., assignor.)
Starline Inc. (See Ferris, Robert G., assignor.)
Starling, Leonard H., Belle Glade, Fla. Revolving steam table. 2,191,100; Feb. 20.
Starr, Allyn H. (See Harvey, James W.)
Starr, Ferdinand F., New York, N. Y. Guard for razors and hair clippers. 2,221,119; Nov. 12.
Starr, Frank F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,221,062; Nov. 12.
Starr, Frank M., Schenectady, N. Y., assignor to General Electric Company. Line drop compensator. 2,185,715; Jan. 2.
Starr, Harry A., Portland, Oreg. Elevator. 2,214,288; Sept. 10.
Starr, Howard D., Los Angeles, Calif. Feeler gauge. 2,197,668; Apr. 16.
Starr, John V., and G. A. Beiswenger, Elizabeth, N. J., assignors to Standard Oil Development Company. Treating mineral oil. 2,189,844; Feb. 13.
Starr, Oscar L., Mission San Jose, assignor to Caterpillar Tractor Co., San Leandro, Calif. Throttle control system. 2,195,524; Apr. 2.
Starrett, Arthur H. (See Sisson, J. G., and Starrett.)
Starrett, L. S., Company, The. (See Ashel, Chester P., assignor.)
Starrett, L. S., Company, The. (See Bigwood, Clifton, assignor.)
Starrett, L. S., Company, The. (See Bigwood, Clifton G., assignor.)
Starrett, L. S., Company, The. (See Hastings, James E. assignor.)
Starrett, L. S., Company, The. (See Mann, David W., assignor.)
Starrett, L. S., Company. (See Sisson, J. G., and Starrett, assignors.)
Starrett, L. S. Company, The. (See Witter, C. W. E., and Sisson, assignors.)
Starrett, Ralph H., Manhattan, Ill. Welding electrode. 2,226,080; Dec. 24.
Starring, David S., Greens Farms, and A. Slepian, Trumbull, assignors to Wheeler Insulated Wire Company, Bridgeport, Conn. Spool. 2,205,441; June 25.
Star-Service Hanger Company. (See Coney, James D., assignor.)
Start, Ernest. (See Start, Harry W. and E.)
Start, Harry W., Carlton, and E. Start, Wilford, assignors to George Blackburn and Sons Limited, Nottingham, England. Straight-bar knitting machine. 2,219,715; Oct. 29.
Start, Harry W., Carlton, and E. Start, Wilford, assignors to George Blackburn and Sons Limited, Nottingham, England. Straight-bar knitting machine. 2,219,716; Oct. 29.
Start, Harry W., Carlton, and E. Start, Wilford, England. Straight bar knitting machine. 2,221,495; Nov. 12.
Starzec, Stefan S., Starzec, and Y. V. Sims, Ladysmith, Wis. Strainer. 2,187,435; Jan. 16.
Stasenka, Charles R., Wilber, Nebr. Dandelion picker. 2,218,158; Oct. 15.
Stassinet, Theodor, Dinslaken, Niederrhein, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Continuous heat treating furnace of the vertical type. 2,206,734; July 2.
State College of Washington Research Foundation. (See Doerner, H. A., and Harris, assignors.)
Stateler, William S. (See Browder, William R., assignor.)
Staten, Jesse B., Wichita Falls, assignor to Kactus Company, Inc., St. Jo, Tex. Treating petroleum emulsions. 2,191,357; Feb. 20.
States Company, The. (See Blakeslee, Henry J., assignor.)
States Company, The. (See Larson, Werner J., assignor.)
States, Will T., Berea, Ohio. Bowling pin setting device. 2,198,954; Apr. 30.
Statham, Louis. (See Blau, L. W., and Statham.)
Stathopoulo, Frixo N., assignor to Epiphone, Inc., New York, N. Y. Multiple neck stringed musical instrument. 2,222,959; Nov. 26.
Statler, Arthur W., Denver, Colo. Combination feed grinder and mixer. 2,222,380; Nov. 19.
Stator Corporation. (See Gulick, Russell A., assignor.)
Stator Corporation. (See Whitney, Lyman F., assignor.)
Stator Corporation. (See Whitney, William E., assignor.)
Statter, Christopher. (See Erby, Philip, assignor.)
Statz, Robert J. (See Hein, G. G., Statz, and Buenger.)
Statz, Willi, Brieselang, Osthavelland, and F. Malsch, Berlin-Charlottenburg, Germany, assignors to General Electric Company. Electron tube. 2,197,652; Apr. 16.
Staub, Edward E. (See Koppin, E. P., and Staub.)
Stäubli, Gebr. & Co. (See Stäubli, Hugo, assignor.)
Stäubli, Hugo, Zurich, assignor to Gebr. Stäubli & Co., Horgen, Zurich, Switzerland. Weaving with multicylinder shed-forming machines. 2,210,468; Aug. 6.
Stäubli, Willy, Zurich, Switzerland. Separating closure members stamped from a band. 2,201,058; May 14.
Staubly, Alan M., assignor to E. and L. Frankenberry, Martinsburg, W. Va. Sun visor. 2,206,793; July 2.
Staud, Cyril J. (See Carroll, B. H. and Staud.)
Staud, Cyril J. (See MacAdam, D. L., and Staud.)
Staud, Cyril J., and C. S. Popper, assignors to Eastman Kodak Company, Rochester, N. Y. Mold inhibitor for photographic elements. 2,226,183; Dec. 24.
Staude, E. G., Manufacturing Company. (See Fischer, Paul E., assignor.)
Staude, Edwin G., Minneapolis, Minn. Variable speed gearing. 2,186,395; Jan. 9.
Staude, Edwin G., Minneapolis, Minn. Adhesive applying mechanism for envelope blanks and the like. 2,198,066; Apr. 23.
Staude, Edwin G., Minneapolis, Minn. Sheet feeder. 2,198,067; Apr. 23.
Staude, Herbert. (See Falta, W., Gretener, Neugebauer, and Staude.)
Staudinger, Hanns P., Ewell, England, assignor to The Distillers Company Limited, Edinburgh, Scotland. Manufacture of esters. 2,210,469; Aug. 6.
Staudt, Ambrose W., Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing moistureproof cellulosic pellicles. 2,201,747; May 21.
Staudt, Erich, assignor to Naamlooze Vennootschap Industrieels Maatschappij Voorheen Noury & Van Der Lande, Deventer, Netherlands. Producing nitrogen trichloride. 2,199,942; May 7.
Stauffer, Charles P., Bell, Calif. Repair clamp for pipes. 2,213,022; Aug. 27.
Stauffer, Harry G. (See Oeffinger, E. F., and Stauffer.)
Staugaitis, Joseph, Elmwood Park, Ill. Golf bag support. 2,199,055; Apr. 30.
Stavenow, Albert F., Arnprior, Ontario, Canada. Brick forming machine. 2,203,447; June 4.
Stavrou, George, Brooklyn, N. Y. Baking oven. 2,201,801; May 21.
Stayton, Ruel W., Glenwood Springs, Colo. Spraying attachment for tractors. 2,210,346; Aug. 6.
Steadman, Albert, Nutley, N. J. Producing luminous tubes. 2,212,134; Aug. 20.
Steadman, Edwin E., assignor to J. F. Collins, doing business as Montgomery Manufacturing Company, Silver Creek, N. Y. Attachment for arm rest for furniture. 2,201,354; May 21.
Steadman, Ruffus P., and H. Kaplan, Memphis, Tenn. Dough twister. 2,216,787; Oct. 8.
Stearns & Foster Company, The. (See Schubert, Wilfred G., assignor.)
Stearns, Frederick & Company. (See Sayhun, Melville, assignor.)
Stearns, Frederick & Company. (See Sahyun, M., and Heyn, assignors.)
Stearns, Freeman R., assignor to The Carrom Company, Ludington, Mich. Projecting device for games. 2,225,241; Dec. 17.
Stearns, Jason C., Worcester, Mass. Rheostat. 2,216,054; Sept. 24.
Stearns, Jason C., Worcester, assignor, by mesne assignments, to United-Carr Fastener Corporation, Cambridge, Mass. Lamp socket. 2,208,437; July 16.
Stearns Magnetic Mfg. Co. (See Kiekhaefer, Elmer C., assignor.)
Stearns, Walter V., Yeadon, assignor to Sun Oil Company, Philadelphia, Pa. Dewaxing petroleum oils. 2,224,109; Dec. 3.
Steatit-Magnesia Aktiengesellschaft. (See Albers-Schönberg, Ernst, assignor.)
Steatit-Magnesia Aktiengesellschaft. (See Falkenhagen, Fritz, assignor.)
Stebbing, Percy H., and L. L. Wallace, Petaluma, Calif. Toilet venting device. 2,203,111; June 4.
Stebbins, Harry Y., Los Angeles, Calif. Refrigerating. 2,214,975; Sept. 17.
Stebbins, Harry Y., Buffalo, N. Y., assignor to General American Precooling Corporation. Method of and apparatus for controlling temperatures. 2,223,581; Dec. 3.

Stebler, Fred, Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Fruit sizer. 2,198,889; Apr. 30.
Stec, Harry, Rochester, N. Y. Hanger for trousers. 2,203,034; June 4.
Stechauner, John. (See Curtis, A. R., and Stechauner.)
Stechbart, Bruno, assignor to The Bell & Howell Company, Chicago, Ill. Motion picture projecting machine. 2,190,198; Feb. 13.
Stechbart, Bruno, assignor to The Bell & Howell Company, Chicago, Ill. Sprocket device. 2,205,546; June 25.
Stechler, Max. (See Bullis, E., and Stechler.)
Steckler, Nat P., New York, N. Y. Streamline article display device. 2,224,938; Dec. 17.
Steckler, Samuel, et al. (See Hilberth, Karl P., assignor.)
Stecklmacher, Erwin, (now known as E. Steel). (See Szücs, L., and Stecklmacher.)
Stedman Company, The. (See Stedman, Jerry C., assignor.)
Stedman, Donald F., Ottawa, Ontario, Canada, assignor, by mesne assignments, to Foster Wheeler Corporation, New York, N. Y. Liquid and vapor contacting device. 2,227,164; Dec. 31.
Stedman, Jerry C., assignor to The Stedman Company, Beaumont, Tex. Folded carton with pouring aperture. 2,217,142; Oct. 8.
Stedman, Theodore W., assignor to Resilient Products Corporation, New York, N. Y. Constructing highways or other massive structures. 2,220,628; Nov. 5.
Stedman, Theodore W., assignor to Resilient Products Corporation, New York, N. Y. Highway marker. 2,224,554; Dec. 10.
Stedman, Theodore W., assignor to Resilient Products Corporation, New York, N. Y. Highway marker and securing the same to a highway. 2,224,937; Dec. 17.
Stedman, William A., Westport, Conn., assignor, by mesne assignments, to The Dorr Company, Inc., New York, N. Y. Treatment of pulps. Re. 21,502; July 2.
Steedman, Edwin H., St. Louis, assignor to Curtis Manufacturing Company, Wellston, Mo. Shaft sealing device. 2,195,877; Apr. 2.
Steel, Charles C., Williamsport, Pa. Centrifugal electrical switch. 2,212,800; Aug. 27.
Steel, Erwin. (See Szücs, L., and Stecklmacher.)
Steel, George D., Casper, Wyo. Safety cathead. 2,189,373; Feb. 6.
Steel Sanitary Company, The. (See Clark, Harold W., assignor.)
Steele, Bess R., executrix. (See Steele, Edwin G.)
Steele, Bryant, Lexington, Ky., assignor of one-half to J. M. Mason, Washington, D. C. Door for starting gates. 2,193,257; Mar. 12.
Steele, Edwin G. (See Sutton, H. M., and Steele.)
Steele, Edwin G., Dallas, Tex., deceased; B. R. Steele, executrix. Decolorizing liquids. 2,206,337; July 2.
Steele, Francis E., Shreveport, La., assignor to Phillips Petroleum Company. Oil well pump. 2,202,970; June 4.
Steele, James A., Salt Lake City, Utah. Foldable seat. 2,208,777; July 23.
Steele, James W., North Kansas City, Mo. Collar or neckband support. 2,204,004; June 11.
Steele, John A., assignor to McMillan Book Company, Syracuse, N. Y. Loose-leaf binder. 2,212,380; Aug. 20.
Steele, Robert R., Jr., Duluth, Minn. Boat hull construction. 2,214,801; Sept. 17.
Steele, William S., Long Island City, N. Y., assignor to T. E. Schundler & Co., Inc., Joliet, Ill. Combustion chamber. 2,207,992; July 16.
Steel Heddle Manufacturing Company. (See Kaufmann, John J., assignor.)
Steelman, Charles S., Glendale, Calif. Concealed hydrant with automatic valve. 2,217,712; Oct. 15.
Steelman, Samuel, et al., trustees. (See Sparling, Elliott W., assignor.)
Steel Plate & Shape Corporation. (See Koch, A. N., and Huffman, assignors.)
Steel Products Engineering Company, The. (See Brehm, Charles M., assignor.)
Steel Products Engineering Company, The. (See Scholl, Clark, assignor.)
Steen, Frederick H., Atlanta, Ga. Memory aid system. 2,222,245; Nov. 19.
Steen, Harford K., Newburgh, N. Y. Making handled shopping bags. 2,221,617; Nov. 12.
Steen, Harry S., assignor to Chicago Faucet Company, Chicago, Ill. Faucet. 2,212,308; Aug. 20.
Steenbeck, Max, Berlin-Siemensstadt, assignor to Patentvertungs-Gesellschaft mit beschrankter Haftung "Hermes", Berlin, Germany. Gas or vapor filled controllable electric discharge device. 2,205,230; June 18.
Steenbeck, Max, Berlin-Siemensstadt, assignor to Patentverwertungs-Gesellschaft mit beschrankter Haftung "Hermes", Berlin, Germany. Electric discharge device for high operating voltages. 2,205,231; June 18.
Steenbergh, Alexander W., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Gas lift apparatus. 2,226,537; Dec. 31.
Steeneck, Robert, assignor to The Western Union Telegraph Company, New York, N. Y. Timing apparatus. 2,212,961; Aug. 27.
Steeneck, Robert, New York, and R. F. Dirkes, Jamaica, N. Y., and R. B. White, Annandale, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Sport timing apparatus. 2,211,868; Aug. 20.
Steenholdt, Raymond C., Canton, S. Dak. Battery terminal quick action clip. 2,204,387; June 11.
Steensen, Sverre J., Ullevaal Haveby, near Olso, Norway. Periodical absorption refrigerating plant. 2,207,950; July 16.
Steensen, Sverre J., Ullevaal Haveby, near Oslo, Norway. Evaporator for periodical absorption refrigerating plants. 2,227,165; Dec. 31.
Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Freezing tray. 2,188,781; Jan. 30.
Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Flow controlling device for refrigerating systems. 2,191,328; Feb. 20.
Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Freezing tray. 2,194,330; Mar. 19.
Steere, Richard M., Haddonfield, N. J., assignor to Radio Corporation of America. Amplifier. 2,210,387; Aug. 6.
Stees, Franklin R. (See Hallenbeck, R. W., and Stees.)
Stefanović, Georg. (See Stefanović, Ozren and G.)
Stefanović, Ozren and G., Zemun, Yugoslavia. Esters of flacourtiacea alcohols. 2,195,345; Mar. 26.
Stefco Steel Company. (See Drain, J. A., Jr., and Leist, assignors.)
Steffen, Charles W., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Die and process for the manufacture of smokeless powder. 2,210,011; Aug. 6.
Steffen, Erich M., Berlin, Germany, assignor, by mesne assignments, of three-fourths to Tide Water Associated Oil Company, New York, N. Y. Lubricant. 2,211,442; Aug. 13.
Steffens, Eugen, Berlin-Siemensstadt, assignor to "Fides Gesellschaft für die Verwaltung und Verwertung von kewerblichen Schutzrechten mit beschränkter Haftung," Berlin, Germany. Electroacoustic apparatus. 2,206,517; July 2.
Steffens, Fred C., assignor, by mesne assignments, to Chicago Patent Corporation, Chicago, Ill. Game apparatus. 2,196,710; Apr. 9.
Steger Furniture Mfg. Co. (See Trabucco, Vincent R., assignor.)
Steger, Werner H., Chicago, Ill. Panel fastening device. 2,217,389; Oct. 8.
Stegmeier, Charles, Auburn, Calif. Jar cap wrench. 2,192,334; Mar. 5.
Stehli, Henry J., Cedar Grove, N. J. Sintering apparatus. 2,190,493; Feb. 13.
Stehlik, Rudolph F., Antwerp, Belgium, assignor to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone system. 2,211,443; Aug. 13.
Stehlik, Rudolph J., Butte, Mont. Nail driver. 2,222,125; Nov. 19.
Stehlin, Theodore A., San Diego, Calif., assignor to T. C. Melin, Honolulu, Hawaii. Vehicle wheel brake control. 2,200,659; May 14.
Stehlin, Theodore A., Los Angeles, Calif., assignor to T. C. Melim, Honolulu, Hawaii. Vacuum braking system. 2,213,970; Sept. 10.
Stehlin, William B., Johnstown, Pa. Greeting light. 2,216,424; Oct. 1.
Steiber, Theodore E., assignor of one-half to A. A. Johnson, Bridgeport, Conn. Traffic signal. 2,226,484; Dec. 24.
Steiert, Alois F., Philadelphia, Pa. Intermittent movement for display devices. 2,209,858; July 30.
Steiger, George W., Jackson Heights, N. Y. Apparatus for processing textiles. 2,194,877; Mar. 26.
Steigerwald, Christian. (See Koeberle, K., Rohland, and Steigerwald.)
Steigerwalt, Albert B., Pittsburgh, Pa. Manufacturing axles and the like. 2,212,903; Aug. 27.
Steik, Karl T. (See Kapp, R., and Steik.)
Steik, Karl T., Montclair, N. J., assignor to Standard Oil Development Company. Oil-insoluble reaction product of an alkanol amine and petroleum sulphonic acids. 2,204,326; June 11.
Steik, Karl T., Montclair, N. J., assignor to Standard Oil Development Company. Manufacturing esters. 2,225,944; Dec. 24.
Steimel, Karl, Berlin-Steglitz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Sealing glass. 2,205,582; June 25.
Steimel, Karl, and K. Wilhelm, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulation system. 2,211,939; Aug. 20.
Steimel, Karl, and K. Mie, assignors, by mesne assignments, to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Tuning indicator circuit. 2,219,506; Oct. 29.
Stein, A., & Company. (See Buchsbaum, Herbert J., assignor.)
Stein, Arthur H., Webster Groves, assignor to Copper Clad Malleable Range Company, St. Louis, Mo. Cookstove. 2,225,572; Dec. 17.
Stein, Berthold. (See Honold, E., Neresreimer, Shubert, Stein, and Reich.)
Stein, Berthold. (See Honold, E., Neresheimer, Shubert, Stein, and Saftlen.)

Stein, Berthold. (See Neresheimer, H., Honold, Stein, Schubert, and Anton.)
Stein, Elisabeth. (See Stein, Paul.)
Stein, Fred A., Jersey City, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,193,012; Mar. 12.
Stein, Gerhard. (See Andrussow, L., and Stein.)
Stein, Gerhard, Mannheim, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Producing fatty acid mono-esters of monochlorhydrin. 2,224,026; Dec. 3.
Stein, Hall & Company. (See Bosland, Herman S., assignor.)
Stein, Hall & Company. (See La Piana, F. G., and Truax, assignors.)
Stein, Hall Manufacturing Company. (See Bauer, Hans F., assignor.)
Stein, Hall Manufacturing Company. (See Bauer, Hans F., and J. V., and Hawley, assignors.)
Stein, Hall Manufacturing Company. (See Bauer, H. F., and Thayer, assignors.)
Stein, Hall Manufacturing Company. (See Bauer, Jordan V., assignor.)
Stein, Hall Manufacturing Company. (See Bauer, J. V., and Hawley, assignors.)
Stein, Hall Manufacturing Company. (See Rowland, Ben W., assignor.)
Stein, Harry I. (See Gertler, Samuel E., assignor.)
Stein, Henry E., Sr., assignor to Quad Stove Manufacturing Company, Columbus, Ohio. Gas distributor for burner outlets. 2,185,903; Jan. 2.
Stein, Jacob, New York, N. Y. Tampon. 2,201,412; May 21.
Stein, Leo, Chicago, Ill. Carrying case and frame structure therefor. 2,200,972; May 14.
Stein, Louis F., and E. B. Proctor, California, Mo. Electric sewing machine table. 2,220,868; Nov. 5.
Stein, Louis H., assignor to Aetna Ball Bearing Mfg. Co., Chicago, Ill. Antifriction bearing. 2,224,704; Dec. 10.
Stein, Louis H., assignor to Aetna Ball Bearing Manufacturing Company, Chicago, Ill. Oil seal. 2,225,758; Dec. 24.
Stein, Paul, deceased, Moser, by E. Stein, Moser, near Magdeburg, Germany, heir. Jet pipe for fire extinguishing purposes with a widening mouthpiece. Re. 21,469; May 28.
Stein, Rose, Los Angeles, Calif. Kitchen sink. 2,186,998; Jan. 16.
Stein, Willi. (See Jolas, C., and Stein.)
Stein, Willi, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Device for loading film casettes. 2,205,052; June 18.
Steinacker, Peter, Oelde, Westphalia, Germany. Clarifying process for molasses. 2,187,990; Jan. 23.
Steinbacher, Friedrich, Grunwald, near Munich, assignor of one-half to Gesellschaft fur Lindes Eismaschinen A.-G. Wiesbaden, and one-half to G. Al. Krause, Munich, Germany. Concentration of an aqueous solution by freezing. 2,186,887; Jan. 9.
Steinbarger, Charles J., assignor to Simonds Worden White Company, Dayton, Ohio. Filler for pulp refining engines. 2,201,276; May 21.
Steinbarger, Charles J., assignor to Simonds Worden White Company, Dayton, Ohio. Filler for Jordan engines. 2,212,082; Aug. 20.
Steinbauer, Wolfgang, Berlin, H. Kother, Berlin-Siemensstadt, and P. Müller, Berlin-Schoneberg, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Power-transmission system for electrically driven trains. 2,189,353; Feb. 6.
Steinberg, Benjamin, Philadelphia, and O. H. Kaupp, Llanerch, Pa. Social security pay roll book. 2,216,633; Oct. 1.
Steinberg, Fritz. (See Daeves, K., Becker, and Steinberg.)
Steinberg, Ralph H. (See Mican, G. S., Steinberg, and Urban.)
Steinberger, Alfred J., Jamaica, N. Y., assignor to Celanese Corporation of America. Making wearing apparel. 2,190,807; Feb. 20.
Steinbrink, William H., Kendall, Wis. Clamp. 2,212,858; Oct. 8.
Steinbrunn, Gustav. (See Hopff, H., Steinbrunn, and Freudenberger.)
Steindler, Philip G. (See Lefebvre, Alde, assignor.)
Steindorff, Adolf. (See Hubert, F. E., Heisenberg, Steindorff, and Orthner.)
Steindorff, Adolf, and C. Platz, Frankfort-on-the-Main, and J. Rosenbach, Wiesbaden, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Alkylation products of aromatic compounds and preparing them. 2,193,944; Mar. 19.
Steindorff, Adolf, G. Balle, and P. Heimke, Frankfort-on-the Main, and K. Horst, Hofheim in Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Sulphuric acid esters of alcohol ethers containing carbocyclic group. 2,203,883; June 11.
Steindorff, Adolf, and G. Balle, Frankfort-on-the-Main, K. Horst, Hofheim in Taunus, and R. Michel, Krefeld-Uerdingen, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Glycol and polyglycol ethers of isocyclic hydroxyl compounds. 2,213,477; Sept. 3.
Steindorff, Adolf, and G. Balle, Frankfort-on-the-Main; K. Horst, Hofheim in Taunus; and J. Rosenbach, Wiesbaden, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Urethane-like compounds. 2,218,939; Oct. 22.
Steinemann, Willy. (See Kartaschoff, V., and Steinemann.)
Steiner, Albert, Union City, N. J. Game. 2,201,802; May 21.
Steiner, Frank G., Chicago, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Paper unit dispensing device. 2,195,603; Apr. 2.
Steiner, Frank G., Chicago, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel cabinet and dispensing mechanism therefor. 2,202,930; June 4.
Steiner, Frank G., Chicago, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Paper unit dispensing device. 2,206,978; July 9.
Steiner, Frank G., Chicago, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Paper unit dispensing device. 2,206,979; July 9.
Steiner, Gustav, Ludwigshafen, assignor to W. Dützmann, Neustadt-on-the-Haardt, Germany. Gas generator. 2,189,022; Feb. 6.
Steiner, Helmut, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Picture telegraph apparatus. 2,204,238; June 11.
Steiner, Louis, New York, N. Y. Machine for vending articles stocked in a plurality of chutes. 2,207,902; July 16.
Steiner, Louis, New York, assignor to U-Need-A-Merchandiser, Inc., Brooklyn, N. Y. Dispensing mechanism for vending machines. 2,203,847; June 11.
Steiner, Oscar, Irondequoit, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Synchronization of photoflashes with focal plane shutters. 2,188,065; Jan. 23.
Steiner, Oscar, Irondequoit, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Focusing illuminating attachment for photographic flash guns, etc. 2,200,458; May 14.
Steiner, Oscar, Irondequoit, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Photoflash synchronizer for cameras. 2,218,494; Oct. 15.
Steiner, Oscar, Irondequoit, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Apparatus for making photographic contact prints. 2,224,839; Dec. 10.
Steiner, Otto, Berlin-Spandau, assignor, by mesne assignments, to Siemens & Halske, Aktiengesellschaft, Berlin, Germany. Cinematograph camera provided with a magazine. 2,216,463; Oct. 1.
Steiner Sales Company. (See Birr, Rudolph G., assignor.)
Steiner Sales Company. (See Cullen, Daniel G., assignor.)
Steiner Sales Company. (See Grunwald, Albert C., assignor.)
Steiner Sales Company. (See Steiner, Frank G., assignor.)
Steiner, Waldo L. (See Lincoln, B. H., and Steiner.)
Steiner, Waldo L. (See Lincoln, B. H., Steiner, and Byrkit.)
Steiner, Waldo L. (See Lincoln, B. H., Steiner, and Henriksen.)
Steiner, Waldo L., assignor to Continental Oil Company, Ponca City, Okla. Cutting lubricant. 2,188,255; Jan. 23.
Steiner, Walter J. (See Brown, Deskin I, assignor.)
Steinert, Johannes, Hanover, assignor to E. Dyckerhoff, Bluemnau, near Wunstorf, Germany. Machine for cutting, lifting, and conveying peat sods. 2,200,137; May 7.
Steinfeld, Harold L., East Orange, N. J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,196,687; Apr. 9.
Steingruber, George, Shelbyville, Tenn. Electric space heater. 2,188,122; Jan. 23.
Steinhage, Henrich, Hamburg, Germany. Packing or consolidating of permanent way beds. 2,224,658; Dec. 10.
Steinhardt, Irving, New York, N. Y. Knitting toy. 2,222,992; Nov. 26.
Steinhauer, William L., assignor to Cen-Tennial Cotton Gin Company, Columbus, Ga. Baling press. 2,207,032; July 9.
Steinhauer, William L., assignor to Cen-Tennial Cotton Gin Company, Columbus, Ga. Retaining dog for cotton gin presses. 2,209,740; July 30.
Steinhausen, Hans-Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiver arrangement. 2,190,436; Feb. 13.
Steinhauser, William L., assignor to Cen-Tennial Cotton Gin Company, Columbus, Ga. Cotton gin breast mounting. 2,207,031; July 9.
Steinhilber, Adolph A., assignor to The Servus Rubber Co., Rock Island, Ill. Shoe conveyer jack. 2,209,425; July 30.
Steinhoff, Fred, Fort Dodge, Iowa. Phantom minnow. 2,196,508; Apr. 9.
Steinhoff, John R., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Directional radio receiver. 2,197,734; Apr. 16.
Steinkamp, Albert L., Auburn, Ind. Variable gear. Re. 21,532; Aug. 13.
Steinlein, Gustav, Mainberg, near Schweinfurt, Germany. Bowden device bundle. 2,186,181; Jan. 9.

Steinlein, Gustav, Mainberg, near Schweinfurt, and L. Bruckmoser, Schweinfurt, Germany. Motor driven bicycle. 2,212,279; Aug. 20.
Steinlein, Gustav, Mainberg, near Schweinfurt, and L. Bruckmoser, Schweinfurt, Germany. Carburetor combined with a feeding pump. 2,223,971; Dec. 3.
Steinmann, Oswald A., River Grove, Ill. Motor vehicle. 2,219,828; Oct. 29.
Steinmayer, Alwin G. (See Schultz, W. O., and Steinmayer.)
Steinmayer, Alwin G., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Fuse construction. 2,218,010; Oct. 15.
Steinmetz, Alfons. (See Perlick A., and Steinmetz.)
Steinmetz, Alfred A., North Yonkers, assignor to The Western Union Telegraph Company, New York, N. Y. Electric conversion system. 2,208,400; July 16.
Steinmetz, Alfred A., North Yonkers, and H. M. Ward, Scarsdale, assignors to The Western Union Telegraph Company, New York, N. Y. Voltage regulating system. 2,212,554; Aug. 27.
Steinmetz, George, assignor to Catholic Diocese of Green Bay, Green Bay, Wis. Concrete mold. 2,204,195; June 11.
Steinmetz, Joachim, Berlin-Tempelhof, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie mit beschrankter Haftung, Berlin, Germany. Automatic volume control circuits. 2,204,973; June 18.
Steinmeyer, Frederick W., Oakland, Calif. Drapery fold holder. 2,212,055; Aug. 20.
Steinmueller, Max C., Chemnitz, Germany, assignor, by mesne assignments, to Hemphill Company, Pawtucket, R. I. Reverse plating knitting machine. 2,194,485; Mar. 26.
Steinschläger, Michael, Moers, Niederrhein, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Synthetical production of liquid hydrocarbons from carbon monoxide and hydrogen. 2,220,357; Nov. 5.
Steinschneider, Max, and E. Knopf, assignors to Aschaffenburger Zellstoffwerke Aktiengesellschaft, Berlin, Germany. Bleaching cellulose. 2,193,301; Mar. 12.
Steinwedell, William E., Cleveland Heights, assignor to The Gas Machinery Company, Cleveland, Ohio. Manufacturing carbureted water gas. 2,216,055; Sept. 24.
Steinwedell, William E., Cleveland Heights, assignor to The Gas Machinery Company, Cleveland, Ohio. Manufacturing carbureted water gas. 2,216,056; Sept. 24.
Steiss, John G., Kitchener, Ontario, Canada. Signal device. 2,227,328; Dec. 31.
Stellin, Domnic V., Detroit, Mich. Lock washer. 2,191,101; Feb. 20.
Stelter, Walter W. P., Echo, Minn. Corn husking machine. 2,202,540; May 28.
Stelwagon Manufacturing Company. (See Lyons, Charles R., assignor.)
Stelzer, William, German Township, St. Joseph County, assignor to Bendix Aviation Corporation, South Bend, Ind. Hydraulic remote control. 2,185,277; Jan. 2.
Stember, Bernard, East Orange, N. J. Frame structure for handbags, luggage, and the like. 2,187,796; Jan. 23.
Stember, Bernard, East Orange, N. J. Handbag, pocketbook, purse, and the like. 2,213,618; Sept. 3.
Stemen, William R. (See Urbain, O. M., and Stemen.)
Stemme, Charles A., Large, Pa. Temperature controlled container. 2,223,234; Nov. 26.
Stempel, Edward H. (See Young, F. M., and Stempel.)
Stenberg, Bror H. (See Bates, M. C., and Stenberg.)
Stenberg, Knut E. B., assignor to Associated Attleboro Manufacturers, Inc., Attleboro, Mass. Preheating tumbler. 2,221,727; Nov. 12.
Stenger, Edwin P., and A. O. Bruestle, assignors to The Cincinnati Mine Machinery Company, Cincinnati, Ohio. Bit block for cutter chains. 2,190,000; Feb. 13.
Stenger, Edwin P., and A. O. Bruestle, assignors to The Cincinnati Mine Machinery Company, Cincinnati, Ohio. Mine machinery cutting bit and mounting therefor. 2,211,525; Aug. 13.
Stenger, Edwin P., and A. O. Bruestle, assignors to The Cincinnati Mine Machinery Company, Cincinnati, Ohio. Mine machine. 2,214,644; Sept. 10.
Stenning, Luis C. (See Simpson, A. I. F., and Stenning.)
Stenquist, John L., Baltimore, Md. Compartment drawing board. 2,203,474; June 4.
Stenroos, Nils E., New Rochelle, N. Y. Leveling attachment for ladders. 2,205,935; June 25.
Stenzy, August F. P., assignor of forty-nine one-hundredths to S. Ratajczak, Baltimore, Md. Speed increasing gearing. 2,197,014; Apr. 16.
Stephan, Frank J., assignor to H. B. Rouse & Co., Chicago Ill. Adjustable depth gauge. 2,192,245; Mar. 5.
Stephan, Hallis N. (See Lucas, H. M., and Stephan.)
Stephan, Ingo L., Beverly, N. J., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Loudspeaker. 2,201,059; May 14.
Stephan, James L., assignor of fifty-one per cent to W. Stanton and nineteen per cent to S. Wenker, Wisconsin Dells, Wis. Level. 2,220,029; Oct. 29.
Stephan, Karl, Lichterfelde, near Berlin, assignor to the firm J. D. Riedel-E. de Haen Akt.-Ges., Berlin-Britz, Germany. Preparation for use in carbon coating television tubes. 2,223,924; Dec. 3.
Stephan, Ray C. (See Ohme, W. F., and Stephan.)
Stephan, Walter, Frankfort-on-the-Main, Germany, assignor, by mesne assignments, to Chemical Marketing Company Inc., New York, N. Y. Production of metallic iron powder. 2,217,569; Oct. 8.
Stephanoff, Nicholas N. K. (See Kidwell, C. H., and Stephanoff.)
Stephen, Thomas, New York, and R. K. Parsell, Brooklyn, N. Y.; said Parsell assignor to said Stephen. Method of and apparatus for making a motion picture record. 2,185,610; Jan. 2.
Stephens, Benjamin F., Tulsa, Okla. Floor furnace. 2,200,645; May 14.
Stephens, Charles D., San Antonio, Tex. Fishing reel anchoring means. 2,198,588; Apr. 23.
Stephens, Frank C., Washington, D. C., assignor to Elastic Knitted Wire Co., Inc., Providence, R. I. Method of and means for knitting preformed wire. 2,218,559; Oct. 22.
Stephens, Frank C., Washington, D. C., assignor to Elastic Knitted Wire Co., Inc., Providence, R. I. Article of knitted wire or other resilient material. 2,218,560; Oct. 22.
Stephens, Frank C., Washington, D. C., assignor to Elastic Knitted Wire Co. Inc., Providence, R. I. Method and mechanism for preforming wire coils. 2,223,011: Nov. 26.
Stephens, Frank C., assignor to National Multiweaving Company, Inc., Washington, D. C. Repairing textile fabrics. 2,226,449; Dec. 24.
Stephens, Fred G., Granite City, Ill. Locomotive smoke consumer. 2,185,278; Jan. 2.
Stephens, George A., Flint, Mich. Accelerator. 2,212,083; Aug. 20.
Stephens, George H., Glencoe, and V. Sussin, assignors to Hammond Instrument Company, Chicago, Ill. Illuminated dial clock. 2,226,748; Dec. 31.
Stephens, Henry M., Montgomery, W. Va. Rock drill. 2,191,699; Feb. 27.
Stephens, Paul M., Ashland, Mo. Flange hinge. 2,207,642; July 9.
Stephens, Percy W., Chicago, Ill. Pressure cooker. 2,191,975; Feb. 27.
Stephens, Percy W., Chicago, Ill. Valve for pressure cookers. 2,200,903; May 14.
Stephens, Thos. C. (See Fedeler, John H., Jr., assignor.)
Stephens, Willie T., Abbeville, S. C. Draft gear for railway cars. 2,197,669; Apr. 16.
Stephenson, Arlington W., Los Angeles, assignor, by mesne assignments, to Lenzart, Inc., San Francisco, Calif. Mercury feeding device. 2,226,642; Dec. 31.
Stephenson, James G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Synchronous motor control system. 2,200,105; May 7.
Stephenson, James G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulator system for beaters and similar loads. 2,210,691; Aug. 6.
Stephenson, Jay G., Chattanooga, Tenn. Fluid operated diving platform. 2,212,460; Aug. 20.
Stephenson, Jay G., Denton, Tex. Fluid supported stool. 2,218,963; Oct. 22.
Stephenson, Kennard F., Loudonville, assignor to Alba Pharmaceutical Company, Inc., New York, N. Y. Compound of aluminum hydroxide and making the same. 2,211,745; Aug. 13.
Stephenson, Reuben M., Oakland, Calif. Apparatus for testing heat resistance of materials. 2,196,481; Apr. 9.
Stephenson, Wilbur T., and E. L. Pelton, assignors to The Dow Chemical Company, Midland, Mich. Manufacture of organic acids from alcohols. 2,196,581; Apr. 9.
Stepp, Howard W., et al. (See Ridley, Ralph M., assignor.)
Stepp, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Coupling system. 2,216,964; Oct. 8.
Sterental, Volf, assignor of three-fourths to D., G., and R. Jona, Turin, Italy. Melting, converting, and refining metals. 2,209,481; July 30.
Sterhardt, James A., Towson, Md., assignor to United Aircraft Corporation, East Hartford, Conn. Control surface lock. 2,203,396; June 4.
Sterick, Harrison D., Pittsburgh, Pa. Hot water heater. 2,195,878; Apr. 2.
Steril-Icer Corporation of America. (See Seiffert, Otto E., assignor.)
Sterino, Lewis T., Tacoma, Wash. Wristband for watches. 2,226,329; Dec. 24.
Sterling, Albert J. (See Preston, A. L., and Sterling.)
Sterling Clothing House. (See Kopf, Morris, assignor.)
Sterling Corporation, The. (See Bowser, Percy L., Jr., assignor.)
Sterling Corporation, The. (See Flammang, John, assignor.)
Sterling Corporation, The. (See Flammang, J., and Bowser, assignors.)
Sterling Corporation, The. (See Flammang, J., P. L. Bowser, Venner, and P. L. Bowser, Jr., assignors.)
Sterling Electric Motors, Inc. (See Johnson, Carl E., assignor.)
Sterling Electric Motors, Inc. (See Johnson, C. E., and Mendenhall, assignors.)
Sterling, Henry W., Salisbury, Md. Method and apparatus for freezing comestibles. 2,223,972; Dec. 3.

Sterling, Joseph, assignor to Sterling Manufacturing Company, Rochester, N. Y. Powder depositor. 2,210,470; Aug. 6.
Sterling Manufacturing Company. (See Sterling, Joseph, assignor.)
Sterling Motor Truck Company. (See Wollensak, Arthur C., assignor.)
Sterling Products Company. (See Kehle, Ottmar A., assignor.)
Sterling Products Company. (See Wilson, William B., assignor.)
Sterling, Scott. (See Scott, M. R., and Sterling.)
Sterling Wheelbarrow Company. (See Mueller, W. J., and Smith, assignors.)
Stern, Catherine, New York, N. Y. Device for the progressive teaching of arithmetic. 2,206,294; July 2.
Stern, Emery I., et al. (See Naményi, Ladislas K., assignor.)
Stern, Ernest R., Forest Hills, assignor to Sandoz Chemical Works, Inc., New York, N. Y. Producing suede finish. 2,204,262; June 11.
Stern, Guth, & Co. (See Osterman, Samuel, assignor.)
Stern, Isaac, B. Skolnikoff, J. J. Pesqueira, and S. Ostrolenk, New York, assignors to S & S Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Knife. 2,214,488; Sept. 10.
Stern, Louis J., New York, N. Y. Spraying device. 2,207,834; July 16.
Stern, Milton C., assignor to The Egry Register Company, Dayton, Ohio. Manifolding article and method of making. 2,217,924; Oct. 15.
Stern, Roland, Vienna, Austria. Prevention of scale deposits in steam generating plants. 2,226,592; Dec. 31.
Stern, Siegfried, New York, N. Y. Folder device. 2,211,034; Aug. 13.
Sternad, Frank S., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire building drum. 2,214,825; Sept. 17.
Sternberg, Albert, Fort Lee, N. J. Hand tooling device for using sized gold and other decorative leaf. 2,192,717; Mar. 5.
Sternberg, Huot W., Westport, assignor to The Owen Silent Spring Company, Inc., Bridgeport, Conn. Advertising device. 2,223,433; Dec. 3.
Sternberg, Matthew G., assignor to Continental Roll & Steel Foundry Company, East Chicago, Ind. Chill member. 2,197,025; Apr. 16.
Sterne, Norman R., assignor to Autobridge, Inc., New York, N. Y. Educational game apparatus. 2,193,745; Mar. 12.
Sterne, Willard F., assignor to American Allsafe Company, Inc., Buffalo, N. Y. Sweat band. 2,223,332; Nov. 26.
Sterrett, Robert R. (See Gisslander, S. G., and Sterrett.)
Stertzbach, Harry W., and C. L. Orr, assignors to The Buckeye Steel Castings Company, Columbus, Ohio. Car truck and braking means therefor. 2,189,642; Feb. 6.
Stertzbach, Harry W., and H. A. Moeller, assignors to The Buckeye Steel Castings Company, Columbus, Ohio. Braking mechanism for railway car trucks. 2,213,371; Sept. 3.
Sterzenbach, Ralph, Berlin, Germany. Flexible metal pipe. 2,209,239; July 23.
Stetson, Bradford R. (See Belcher, D., Stetson, and Kindseth.)
Stetson, George W., Hingham, Mass. Liquid level controller. 2,191,700; Feb. 27.
Stetson-Ross Machine Company. (See Nicholson, F. A., and Pritchard, assignors.)
Stettner, Ludwig W., Piedmont, assignor to Victor Equipment Co., San Francisco, Calif. Gas torch control valve. 2,213,748; Sept. 3.
Steube, Fritz, Leipzig, assignor to Klangfilm G. m. b. H., Berlin, Germany. Method and apparatus for sound reproduction. 2,200,106. Mar. 7.
Steuber, George A., Penfield, N. Y., assignor to Despatch Shops, Inc. Running board for railroad cars. 2,188,729; Jan. 30.
Steuber, George A., Penfield, N. Y., assignor to Despatch Shops, Inc. Car ladder. 2,204,163; June 11.
Steuber, George A., Penfield, N. Y., assignor to Despatch Shops, Inc. Ice hatch for refrigerator cars. 2,204,164; June 11.
Steuber, George A., Penfield, N. Y., assignor to Despatch Shops, Inc. Floor rack for refrigerator cars. 2,204,165; June 11.
Steuber, Louis M. (See Shipway, G. E., and Steuber.)
Steudel, Eberhard. (See Brüche, E., and Steudel.)
Steudel, Eberhard. (See Orthuber, R., and Steudel.)
Steudel, Eberhard. (See Orthuber, R., Steudel and Mahl.)
Steudel, Eberhard, Berlin-Dahlem, assignor to Allegemeine Elektricitatz Gesellschaft, Berlin, Germany. Electrode mounting. 2,202,607; May 28.
Steudel, Eberhard, Berlin-Dahlem, and R. Orthuber, assignors to Allgemeine Elektricitäts-Gesellschaft, Berlin, Germany. Electron multiplier. 2,185,611; Jan. 2.
Steudel, Eberhard, Berlin-Dahlem, Germany, assignor to General Electric Company. Cathode ray tube. 2,215,199; Sept. 17.
Steudel, Eberhard, and J. Johannesson, assignors to Allgemeine Elektricitats Gesellschaft, Berlin, Germany. Cathode ray tube. 2,220,181; Nov. 5.
Steudel, Erich O., Chicago, Ill. Cake circle. 2,210,102; Aug. 6.
Steuerlein, Gustav, assignor to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau, Germany. Gun mounting in aircraft or the like. 2,195,503; Apr. 2.
Stevens, Bernice B., Springfield, Ill. Trouser hanger. 2,213,537; Sept. 3.
Stevens, Brooks, Jr., Concord, assignor to Heinze Electric Company, Lowell, Mass. Fan construction. 2,212,555; Aug. 27.
Stevens, Brooks, Jr., Concord, and P. J. Gilinson, assignors to Heinze Electric Company, Lowell, Mass. Electric motor. 2,188,101; Jan. 23.
Stevens, Burt D., Golf, assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Impression mechanism for printing presses. 2,208,688; July 23.
Stevens, Charles W. (See Stolle, John W., assignor.)
Stevens, Clarence D., North Fairfield, Ohio. Toilet device. 2,192,335; Mar. 5.
Stevens, Clarence E., and C. L. Brown, Jr., Old Greenwich, Conn., assignors to Electrolux Corporation, Dover, Del. Vacuum cleaner casing. 2,210,471; Aug. 6.
Stevens, Clark S., St. Paul, Minn. Typesetting machine. 2,197,061; Apr. 16.
Stevens, Dillon, et al. (See Stevens, R. L., and Dallas, assignors.)
Stevens, Donald R., Swissvale, Pa., and H. B. Cooke, Arlington, Va., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of stabilized gasoline. 2,191,240; Feb. 20.
Stevens, Donald R., Swissvale, and W. A. Gruse, Wilkinsburg, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Antioxidants. 2,202,876; June 4.
Stevens, Donald R., Swissvale, and W. A. Gruse, Wilkinsburg, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Antioxidants and petroleum oils containing the same. 2,202,877; June 4.
Stevens, Donald R., Swissvale, and W. A. Gruse, Wilkinsburg, Pa., assignors to Gulf Research & Development Company, Wilmington, Del. Polymerization of olefins. 2,205,159; June 18.
Stevens, Donald R., Swissvale, and J. B. McKinley, Pittsburgh, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Production of mono-alkyl substituted compounds of meta-cresol from mixtures of meta- and para-cresols. 2,206,924; July 9.
Stevens, Edward W., and J. A. Roberts, Detroit, Mich., assignors to Chicago Pneumatic Tool Company, New York, N. Y. Recording and indicating apparatus for locomotives and the like. 2,210,154; Aug. 6.
Stevens, Frank J., and W. G. Layson, Jr., assignors to American Lava Corporation, Chattanooga, Tenn. Current converting vibrator. 2,205,315; June 18.
Stevens, Frederick A., Providence, R. I. Ophthalmic mounting. 2,192,208; Mar. 5.
Stevens, George E. (See Roberts, E., and Stevens.)
Stevens, George E., Denver, Colo., assignor to The Western States Machine Company, New York, N. Y. Manufacture of beet sugar. 2,217,603; Oct. 8.
Stevens, George E., Denver, Colo., assignor to The Western States Machine Company, New York, N. Y. Manufacture of cane sugar. 2,217,604; Oct. 8.
Stevens, George H. (See Bridgford, R., Tibbits, Stevens, and Diehm.)
Stevens, George J., Baltimore, Md. Internal combustion engine. 2,215,986; Sept. 24.
Stevens, Jacob, New York, N. Y. Ornamental indoor aerial. 2,204,286; June 11.
Stevens, Jesse V., Sapulpa, Okla. Apparatus for treating oil emulsions. 2,210,782; Aug. 6.
Stevens, Jesse W., Ontario, Calif. Conserving fruit juices. 2,217,261; Oct. 8.
Stevens, Joel B. (See Guenther, E. G., Stevens, and Stolp.)
Stevens, John L., San Francisco, Calif. Hair curler 2,211,991; Aug. 20.
Stevens, John W., assignor to The Eimco Corporation, Salt Lake City, Utah. Cone crusher. 2,185,528; Jan. 2.
Stevens, M. T., & Sons Company. (See Higginson, Joseph H., assignor.)
Stevens, Martin H., Youngstown, Ohio. Toy crane. 2,209,359; July 30.
Stevens, Perry H., et al. (See Brubaker, William A., assignor.)
Stevens, Ralph R., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impulse translating apparatus. 2,225,488; Dec. 17.
Stevens, René, Antwerp, Belgium. Photographic emulsion. 2,185,798; Jan. 2.
Stevens, Renè, assignor to Gevaert Photo-Producten N. V., Antwerp, Belgium. Sensitizing photographic silver halide emulsions. 2,191,810; Feb. 27.
Stevens, Richard K. (See Evans, George H., assignor.)
Stevens, Robert C., et al. (See Jewett, Josephine F., assignor.)
Stevens, Robert L., and J. P. Dallas, Seattle, Wash., assignors of one-half to D. Stevens and one-half to M. B. Pendleton, Los Angeles, Calif. Electrostatic type test electrode. 2,219,497; Oct. 29.
Stevens, Roy, Detroit, Mich. Pump. 2,215,138; Sept. 17.
Stevens, Roy R., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic signal device. 2,191,825; Feb. 27.

Stevens, Sydney A., and A. H. B. Walker, London, England, assignors, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the production of electric oscillations. 2,222,048; Nov. 19.
Stevens, Sydney A., and A. H. B. Walker, London, England, assignors, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for amplifying alternating or pulsating electric currents. 2,222,049; Nov. 19.
Stevens, W. P., et al. (See Stevens, William P., assignor.)
Stevens, Wilford L., Vancouver, British Columbia, Canada. Voltage regulator. 2,216,405; Oct. 1.
Stevens, William C. (See Stansbury, C., and Stevens.)
Stevens, William G., Jr., Sykesville, Md. Marking mechanism for seed planters. 2,199,421: May 7.
Stevens, William G., Jr., Sykesville, Md. Planter. 2,199,422; May 7.
Stevens, William H., San Francisco, Calif. Metal spray apparatus. 2,207,765; July 16.
Stevens, William P., Augusta, Ga., assignor to W. P. Stevens and W. H. White, a partnership. Truck. 2,214,311; Sept. 10.
Stevenson, Arthur G., Rochester, N. Y. Cutter head for shaving machines. 2,206,338; July 2.
Stevenson, Cary H., assignor to Lindberg Engineering Company, Chicago, Ill. Automatic control. 2,193,845; Mar. 19.
Stevenson, Cary H., assignor to Lindberg Engineering Company, Chicago, Ill. Controlling the condition of a medium. 2,193,846; Mar. 19.
Stevenson Company, The. (See Brown, Norman E., assignor.)
Stevenson Corporation. (See Schnoll, Nathan, assignor.)
Stevenson, Earl P., Newton, and B. B. Fogler, Belmont, Mass., assignors to Arthur D. Little, Inc. Molding containers from plastic materials. 2,203,421; June 4.
Stevenson, Frank, West Lawn, and C. A. Scott, Philadelphia, assignors to Howard Hosiery Company, Sinking Spring, Pa. Nonrun fabric and making the same. 2,209,360; July 30.
Stevenson, Geoffrey. (See Gruman, Horace F., assignor.)
Stevenson, Geoffrey. (See Mann, Joseph, assignor.)
Stevenson, Kenneth A., San Diego, Calif. Heat treating furnace. 2,216,859; Oct. 8.
Stevenson, Ralph A., Los Angeles, Calif., assignor, by mesne assignments, to The Dow Chemical Company, Midland, Mich. Purification of petroleum contaminated waters. 2,217,143; Oct. 8.
Stevenson, Robert, West Barrington, R. I., assignor to Sealol Company. Fluid seal. 2,189,685; Feb. 6.
Stevenson, Robert, West Barrington, R. I., assignor to Sealol Company. Combination fluid seal and bearing. 2,189,686; Feb. 6.
Stevenson, Sven, Buffalo, N. Y. Automobile radio mast. 2,204,031; June 11.
Stevenson, Thomas. (See Britham, C. H., Rechel, and Stevenson.)
Stevenson, Thomas. (See Rechel, E. R., and Stevenson.)
Stevenson, Wade, et al. (See Greenbaum, Martin, assignor.)
Stevenson, William, Blundellsands, Liverpool, England. Shackle. 2,209,007; July 23.
Stevermer, Frank J., Rio Vista, Calif. Fishing line sinker. 2,225,805; Dec. 24.
Stevey, Frederick C., Camas, Wash. Hydraulic control means for automatically stabilizing electric current load. 2,213,352; Sept. 3.
Steward, Esther C., Oakland, Calif. Elimination bed pad. 2,195,156; Mar. 26.
Steward, John L, Flushing, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Frequency changing and control apparatus. 2,212,653; Aug. 27.
Steward, Owen F., North Woodbury, N. J. Dispensing container. 2,185,574; Jan. 2.
Stewart, Alexander. (See Thompson, G. W., and Stewart.)
Stewart, Alexander P., Grosse Pointe Village, Mich. Templet. 2,189,154; Feb. 6.
Stewart, Alexander P., Detroit, Mich. Templet. 2,190,088; Feb. 13.
Stewart, Andrew H., Shields, Pa. Apparatus for making interstitial aggregates. 2,194,814; Mar. 26.
Stewart Bros. Inc., of Lynn. (See Bailey, Charles W., assignor.)
Stewart-Burns, Inc. (See Zimmerman, Oliver B., assignor.)
Stewart, Carlton D., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,208,737; July 23.
Stewart, Carlton D., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,211,915; Aug. 20.
Stewart, Carlton D., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake means. 2,212,408; Aug. 20.
Stewart, Carlton D., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,212,409; Aug. 20.
Stewart, Charles H. (See Stewart, Rebecca and C. H., and Sloan.)
Stewart, Charles O. (See Stewart, Charles T. and C. O.)
Stewart, Charles T., Newark, Ohio, and C. O. Stewart, Chicago, Ill., assignors to The Glapat Corporation, Zanesville, Ohio. Apparatus for glazing glassware. 2,209,252; July 23.
Stewart, Charles W., San Diego, Calif. Orchard and hothouse heater. 2,215,670; Sept. 24.
Stewart, Clyde E. (See White, L. D., and Stewart.)
Stewart, Daniel W., assignor to Canadian Refractories Limited, Montreal, Quebec, Canada. Furnace roof construction. 2,187,669; Jan. 16.
Stewart, Donald H., assignor to Eastman Kodak Company, Rochester, N. Y. Focusing attachment for shutters. 2,206,132; July 2.
Stewart, Donald H., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic shutter. 2,211,355; Aug. 13.
Stewart, Donald H., assignor to Eastman Kodak Company, Rochester, N. Y. Shutter operating mechanism. 2,211,356; Aug. 13.
Stewart, Edmund T. (See Cabrera, Luis A., assignor.)
Stewart, F. W., Manufacturing Company. (See Hirt, Edward O., assignor.)
Stewart, Fenton E. (See Thomas, L. R., and Stewart.)
Stewart, George D., Atlanta, Ga. Engine cooling device. 2,205,605; June 25.
Stewart, Harry H., Flushing, N. Y. Aircraft wing. 2,223,335; Nov. 26.
Stewart, Hubert L., Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Company. Apparatus for electrolysis. 2,219,342; Oct. 29.
Stewart, James, Logan County, Colo. Attaching means for landing nets. 2,212,756; Aug. 27.
Stewart, John W., New York, N. Y. Ship construction. 2,218,688; Oct. 22.
Stewart, John W., New York, N. Y. Construction of vessels. 2,218,689; Oct. 22.
Stewart, L. H., Company. (See Robertson, Donald W., assignor.)
Stewart, Lemuel L., Elkhart, Ind., assignor to The Adlake Company. Lighting fixture for railway cars and the like. 2,204,327; June 11.
Stewart, Lory B., Falconer, deceased; M. M. and W. F. Stewart, executors, assignors of one-third to K. L. Thielscher, Buffalo, N. Y. Insulator structure. 2,219,727; Oct. 29.
Stewart, Marian M., et al., executors. (See Stewart, Lory B.)
Stewart, Nelson H., Caldwell, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Manufacture of vacuum devices. 2,215,655; Sept. 24.
Stewart, Ray, assignor to Duncan Tank & Welding Co., Duncan, Okla. Dehydration system for oil wells. 2,188,018; Jan. 23.
Stewart, Rebecca and C. H., and C. B. Sloan, Kansas City, Mo. Hygienic stand. 2,220,617; Nov. 5.
Stewart, Robert, assignor to Continental-Diamond Fibre Company, Newark, Del. Insulator. 2,213,922; Sept. 3.
Stewart, Robert J. (See McManus, C. E., Stewart, and Goebel.)
Stewart, Robert J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Apparatus for packaging beverages. 2,204,832; June 18.
Stewart, Robert J., and W. I. Gladfelter, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Filling machine. 2,202,033; May 28.
Stewart, Robert J., and W. I. Gladfelter, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Can drying machine. 2,205,702; June 25.
Stewart, Robert J., and H. J. Rever, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Filling machine. 2,225,022; Dec. 17.
Stewart, Victor R., Glenside, Pa. Power reverse gear. 2,220,586; Nov. 5.
Stewart, Walter B., Denver, Colo. Apparatus for administering powdered aluminum. 2,214,032; Sept. 10.
Stewart, Walter E. (See Carlsen, G. R., and Stewart.)
Stewart, Walter R., Los Angeles, Calif. Electrical product. 2,219,568; Oct. 29.
Stewart-Warner Corporation. (See Davis, Ernest W., assignor.)
Stewart-Warner Corporation. (See Davis, E. W., and Williams, assignors.)
Stewart-Warner Corporation. (See Farr, W. H., and Coxon, assignors.)
Stewart-Warner Corporation. (See Karsel, William, assignor.)
Stewart Warner Corporation. (See Kropp, Willis A., assignor.)
Stewart-Warner Corporation. (See Le Fevre, Arden W., assignor.)
Stewart-Warner Corporation. (See Mather, Irwin E., assignor.)
Stewart-Warner Corporation. (See Norman, H. M., Farr, Coxon, Paul, and Le Fevre, assignors.)
Stewart-Warner Corporation. (See Osborne, Charles E., assignor.)
Stewart-Warner Corporation. (See Paul, Thorolf, assignor.)
Stewart-Warner Corporation. (See Plummer, W. B., and Clark, assignors.)
Stewart-Warner Corporation. (See Thomas, G. F., and Bystricky, assignors.)
Stewart-Warner Corporation. (See Thomas, G. F., Ross, and Bystricky, assignors.)

Stewart-Warner Corporation. (See Watson, F. A., Slomin, and Dietrich, assignors.)
Stewart, William C., Kenosha, Wis. Cleaning and massaging device. 2,188,449; Jan. 30.
Stewart, William F., et al., executors. (See Stewart, Lory B.)
Stewart, William F., Quincy, Ill. Churn and beater. 2,217,144; Oct. 8.
Stewart, William G., Riverside, Ontario, Canada. Computing device. 2,189,333; Feb. 6.
Steyaert, Joseph L., Kansas City, Mo. Pot or pan cover. 2,219,498; Oct. 29.
Steyr-Daimler-Puch A. G. (See Hacker, Oskar, assignor.)
Steyskal, Herbert, Berlin, Germany, assignor to General Electric Company. Photoelectric tube. 2,204,388; June 11.
Steyskal, Herbert, Berlin, Germany, assignor to General Electric Company. Phototube. 2,213,554; Sept. 3.
Stholberg, Herman, Virginia, Minn. Air hose coupling. 2,199,143; Apr. 30.
Stiasny, Edmund, Helsingborg, Sweden, assignor, by mesne assignments to Röhm & Haas Company, Philadelphia, Pa. Substance having tanning action and producing the same. 2,191.818; Feb. 27.
Stibbins, Reid N., Louisville, Ky. Kite string holder. 2,203,604; June 4.
Stickdorn, Kurt, Rosslau, Anhalt, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Condensation products of higher fatty acid compounds with boric acid. 2,187,334; Jan. 16.
Stickel, Carl A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,190,954; Feb. 20.
Stickel, Charles W. (See Tuttle, W. R., and Stickel.)
Stickland, Alfred T. (See Tuck, D., and Stickland.)
Sticklin, Hugh N., Olympia, Wash. Universal joint oar holder and oarlock. 2,200,565; May 14.
Stickney, Fernald S., Verona, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Laminated magnet. 2,221,618; Nov. 12.
Stieber, Wilhelm G. O., Korntal, near Stuttgart, Germany. Joint. 2,206,373; July 2.
Stief, Karl, Mainz, Germany, assignor to General Motors Corporation, Detroit, Mich. Antenna for receiving radio transmissions in automobiles. 2,212,253; Aug. 20.
Stieg, Earl J., et al. (See Mestas, Manuel D., assignor.)
Stieglitz, Albert. (See Rosskopf, H., and Stieglitz.)
Stieglitz, Henry M. (See Adam, F. B., and Stieglitz.)
Stieglitz, William, Brooklyn, N. Y. Knockdown stool. 2,210,047; Aug. 6.
Stiehl, Carl E. (See Lehman, W., and Stiehl.)
Stiehl, Carl E., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Power shovel. Re. 21,405; Mar. 19.
Stieler, Bernard S. H. (See de Boer, J. H., Dippel, and Sieler.)
Stieltjes, Frederik H. (See Bast, G. H., and Stieltjes.)
Stieltjes, Frederik H., The Hague, Netherlands. Frequency transposer or converter and circuit therefor. 2,226,026; Dec. 24.
Stienen, Ernest A., New York, N. Y. Apparatus for dyeing rayon yarns. 2,218,664; Oct. 22.
Stienen, Ernest A., Yorktown, N. Y. Apparatus for dyeing packages of textiles and the like. 2,226,394; Dec. 24.
Stierer, Harry. (See Nye, Earl D., assignor.)
Stiffler, Joseph. (See Sheridan, Charles B., assignor.)
Stifnagle, William H., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Bolster. 2,226,749; Dec. 31.
Stifter, Louis, and E. Swedman, assignors to Seeger Refrigerator Company, St. Paul, Minn. Adjustable wire screw holder. 2,195,525; Apr. 2.
Stigen, Alf L., Stockholm, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Effecting clean skimming in separating milk from cream and in centrifuges for practicing such method. 2,222,727; Nov. 26.
Stihl, Andreas, Stuttgart, Germany. Saw sharpening machine. 2,217,145; Oct. 8.
Stikstofbindingsindustrie "Nederland" N. V. (See Felkers, Pieter F., assignor.)
Stikstofbindingsindustrie Nederland N. V. (See König, Hermann T. J., assignor.)
Stiles, Harry L., Bridgeport, Conn., assignor to General Electric Company. Cooker. 2,186,845; Jan. 9.
Stiles, Hugh R. (See Legg, D. A., and Stiles.)
Stiles, Hugh R., and L. M. Pruess, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Concurrent fermentations by means of yeast and butyl alcohol, producing bacteria. 2,202,785; May 28.
Stiles, Wesley H., Sandwich, assignor of five-twelfths to V. S. Ide, Springfield, Ill. Folding leg furniture and mechanical movement therefor. 2,225,512; Dec. 17.
Stillwagon, Charles K., assignor to Davis Brake Beam Company, Johnstown, Pa. Brake beam shoe. 2,197,399; Apr. 16.
Stillwagon, Crawford K., Houston, Tex. Combination piston and rod. 2,216,577; Oct. 1.
Stillwell William D. (See Harshaw, W. J., and Stillwell.)
Stilmar, Frederic B., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the anthraquinone series. 2,217,849; Oct. 15.
Stilson, Herbert A. (See Houtsinger, H. J., and Stilson.)
Stilwell, Fred W., Chicago, Ill. Humidifier. 2,198,890; Apr. 30.
Stilwell, John A., Charlotte, N. C. Soil pulverizer. 2,223,707; Dec. 3.
Stilwell, Wayne, Millersburg, Ohio. Power system. 2,210,822; Aug. 6.
Stilwell, William D., Cleveland Heights, assignor to The Harshaw Chemical Company, Elyria, Ohio. Pigment and making same. 2,215,623; Sept. 24.
Stilwell, Wilson H., Louisville, Ky. Line wire junction box. 2,201,507; May 21.
Stilz, Oscar W., et al. (See Tafel, Robert E., assignor.)
Stimpson, Edwin B., Company. (See Gualtirer, Julius, assignor.)
Stimpson, Walter F. (See Lachance, Modeste J., assignor.)
Stimpson, Walter F., and M. J. Lachance, Louisville, Ky.; said Lachance assignor to said Stimpson. Weighing scale. 2,188,965; Feb. 6.
Stimson, Glen H., Royal Oak, Mich., assignor to Greenfield Tap and Die Corporation, Greenfield, Conn. Tap. 2,202,236; May 28.
Stimson, Jonathan C., Chicago, Ill. Reflecting device. 2,205,638; June 25.
Stine, Earl, et al. (See Smith, Russell H., assignor.)
Stine, James E., Aldan Park, Pa., assignor to Pennsylvania Crusher Company, New York, N. Y. Hammer for crushing machinery. 2,186,047; Jan. 9.
Stines, John J., Kansas City, Mo. Valve structure. 2,198,639; Apr. 30.
Stinnett, James C., Stephenville, Tex. Milk bottle brush. 2,214,684; Sept. 10.
Stinson, Philip M., and A. P. Richards, assignors to Michigan Metalcraft Company, Detroit, Mich. Dispensing can for cleaning liquid. 2,185,575; Jan. 2.
Stirn, Albert L., Staten Island, N. Y. Fastening device. 2,214,939; Sept. 17.
Stirn, Albert L., Staten Island, N. Y. Hanger construction. 2,226,786; Dec. 31.
Stith, Marcus L., San Antonio, Tex. Telescope sight mounting. 2,193,302; Mar. 12.
Stitt, Charles M., Hollywood, Calif. Lamp. 2,199,014; Apr. 30.
Stitt, Claude M., Antioch, H. C. Stone, Burlingame, and F. B. Stone, assignors to Fibreboard Products, Inc., San Francisco, Calif. Wire handling machine. 2,225,187; Dec. 17.
Stitt, Roscoe R., Detroit, Mich. Power cylinder for fluid brake systems. 2,224,492; Dec. 10.
Stitz, Wilbur E., Dayton, Ohio, assignor to Lord Manufacturing Company, Erie, Pa. Engine mounting. Re. 21,328; Jan. 16.
Stivers, Earl R., Rockaway, N. J., assignor to Stapling Machines Co. Box. 2,190,199; Feb. 13.
Stobart, John W. (See Child, A. J., Hall, and Stobart.)
Stobb, Anton, Elizabeth, N. J. Sheet-fed printing press. 2,195,545; Apr. 2.
Stobb, Anton, assignor to American Type Foundries, Inc., Elizabeth, N. J. Power transmission mechanism. 2,198,747; Apr. 30.
Stobb, Anton, assignor to American Type Founders, Incorporated, Elizabeth, N. J. Printing press. 2,209,482; July 30.
Stock, Friedrich J. J., Berlin, Germany. Treatment of photographic films. 2,213,827; Sept. 3.
Stockbarger, Donald C., Belmont, assignor to Stockton Profile Gauge Corporation, Lowell, Mass. Method of and apparatus for maintaining web alignment. 2,203,706; June 11.
Stockbarger, Donald C., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Apparatus for the manufacture of crystalline bodies. 2,214,976; Sept. 17.
Stockbarger, Donald C., Belmont, and J. L. Jones, North Billerica, assignors to Stockton Profile Gauge Corporation, Lowell, Mass. Apparatus for detecting web alignment. 2,220,736; Nov. 5.
Stockdale, Carl R., Washington Township, Butler County, Iowa. Anchoring means for posts. 2,209,066; July 23.
Stockell, William A., Detroit, Mich. Portable stove. 2,190,139; Feb. 13.
Stocker, Arthur C. (See Goodling, G. G., Jr., and Stocker.)
Stocker, Arthur C., Haddon Heights, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Television system. 2,202,171; May 28.
Stocker, Arthur C., and H. J. Schrader, Haddon Heights, and B. W. Robins, Haddonfield, N. J., assignors to Radio Corporation of America. Frequency measuring device. 2,186,182; Jan. 9.
Stocker, Closman P. (See Pohm, G. H., and Stocker.)
Stocker, Frederick C., assignor to The Ohio Boxboard Company, Rittman, Ohio. Display stand. 2,190,127; Feb. 13.
Stockfleth, Sigurd J., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,187,577; Jan. 16.
Stockhardt, Jay S. (See Cantrell, T. L., and Stockhardt.)
Stocking, Bert A., Denver, Colo. Battery post connector. 2,192,209; Mar. 5.

Stocking, Walter H., Coraopolis, and R. A. Mitchell, Edgeworth, Pa., assignors to Pittsburgh Forgings Company. Bending machine. 2,202,017; May 28.
Stockli, Otto. (See Kneubuehl, Herman J., assignor.)
Stockman, Lester P. (See Boyer, T. E., and Stockman.)
Stockton Profile Gauge Corporation. (See Jones, John L., assignor.)
Stockton Profile Gauge Corporation. (See Stockbarger, Donald C., assignor.)
Stockton Profile Gauge Corporation. (See Stockbarger, D. C., and Jones, assignors.)
Stockwell, Alfred F. (See de Goencz, D., Tarnuzzer, and Stockwell.)
Stoddard, Edgar S., Berwyn, and P. K. Borman, assignors to Edison General Electric Appliance Company, Inc., Chicago, Ill. Washing apparatus. 2,200,127; May 7.
Stoddard, Guy H., Binghamton, N. Y. Attachment for blow torches. 2,220,738; Nov. 5.
Stoddard, Ralph N., Pittsburgh, Pa., assignor to Westinghouse Electric and Manufacturing Company. Synchronism indicating and control system. 2,189,596; Feb. 6.
Stoddard, Ralph N., East Orange, N. J., and E. H. Vedder, Forest Hills, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding apparatus. Re. 21,369; Feb. 20.
Stoddard, Wesley L., Elgin, assignor of one-half to A. H. Harkey, Fairbank, Ariz. Tire alarm. 2,199,032; Apr. 30.
Stoddard, William B., and J. Berlin, New York, N. Y. Depilatory. 2,199,249; Apr. 30.
Stoeckly, Johann J., Teltow-Seehof, Germany, assignor to North American Rayon Corporation, New York, N. Y. Method and apparatus for treating yarn. 2,205,366; June 18.
Stoeckly, Johann J., Teltow-Seehof, and W. Linnhoff, Berlin-Lankwitz, Germany, assignors to North American Rayon Corporation, New York, N. Y. Viscose low in hemicellulose. 2,222,050; Nov. 19.
Stoekle, Erwin R., deceased, by Cutler-Hammer, Inc., assignee and A. Simon, Milwaukee, Wis.; said Stoekle and said Simon assignors, by mesne assignments, to said Cutler-Hammer, Inc. Apparatus for controlling electrical and other operating conditions of electrical circuits. Re. 21,533; Aug. 13.
Stoekle, Erwin R., assignor, by mesne assignments, to Globe-Union Inc., Milwaukee, Wis. Combined variable resistance and switch for use with radio receivers. 2,186,154; Jan. 9.
Stoekle, Erwin R., assignor to Globe-Union Inc., Milwaukee, Wis. Variable resistance and making same. 2,213,078; Aug. 27.
Stoekle, Erwin R., and G. M. Ehlers, assignors, by mesne assignments, to Globe-Union Inc., Milwaukee, Wis. Resistor and making the same. 2,188,667; Jan. 30.
Stoesser, Sylvia M. (See Bass, S. L., Stoesser, and Lowry.)
Stoesser, Sylvia M., assignor to The Dow Chemical Company, Midland, Mich. Polystyrol composition. 2,187,695; Jan. 16.
Stoesser, Sylvia M., assignor to The Dow Chemical Company, Midland, Mich. Treatment of monomeric styrene. 2,210,639; Aug. 6.
Stoesser, Sylvia M., and A. R. Gabel, assignors to The Dow Chemical Company, Midland, Mich. Styrene-tung oil copolymer. 2,190,906; Feb. 20.
Stoesser, Sylvia M., and R. H. Boundy, assignors to The Dow Chemical Company, Midland, Mich. Stabilization of styrene. 2,215,255; Sept. 17.
Stogran, Maximilian J., Chicago, assignor to F. I. Meserole, Blue Island, Ill. Lipstick appliance. 2,196,127; April 2.
Stoiber, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Focal plane shutter setting mechanism. 2,218,252; Oct. 15.
Stojaneck, Paul, Detroit, Mich. Semiartificial Christmas tree. 2,186,351; Jan. 9.
Stoker, Romaine B. (See Dumas, Joseph A., assignor.)
Stokes, F. J., Machine Company. (See Flosdorf, Earl W., assignor.)
Stokes, F. J., Machine Company. (See Westin, Charles J., assignor.)
Stokes, Harold E., Murraysville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ventilation of dynamoelectric machines. 2,210,692; Aug. 6.
Stokes, John C., assignor to Reed Roller Bit Company, Houston, Tex. Rotary underreamer. 2,216,895; Oct. 8.
Stokes, John F., Barlow, N. Dak. Grain treating machine. 2,200,434; May 14.
Stokes, Joseph, Rubber Co. (See Stokes, William J. B., 2nd., assignor.)
Stokes, Rupert O., London Wall, London, and W. D. J. Thomas, Norbury, London, England; said Thomas assignor to said Stokes. Hydraulic classifier. 2,219,639; Oct. 29.
Stokes and Smith Company. (See Bleam, Edgar W., assignor.)
Stokes and Smith Company. (See Maxfield, Daniel E., assignor.)
Stokes and Smith Company. (See Sonneborn, J. R., and Albertson, assignors.)
Stokes, William E., Brooklyn, and M. H. Kennedy, assignors to Standard Brands Incorporated, New York, N. Y. Preparing gelatin product. 2,224,167; Dec. 10.
Stokes, William H., Allesley, near Coventry, England, and H. E. Hickson, Holywell, Wales, assignors to Courtaulds Limited, London, England. Container for viscous liquids. 2,220,830; Nov. 5.
Stokes, William J. B., 2nd, Princeton, N. J., assignor to Joseph Stokes Rubber Co., Inc. Radio cabinet or the like. 2,198,465; Apr. 23.
Stokman, Hendrikus, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Treating synthetic lubricating oils. 2,199,940; May 7.
Stolberg, Gottfried, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding apparatus. 2,186,218; Jan. 9.
Stoll, Albert, assignor to C. L. Brackett, Detroit, Mich. Making self-locking screw threaded elements. 2,224,659; Dec. 10.
Stoll, Henry C., New York, N. Y. Book holder. 2,206,133; July 2.
Stoll, Hermann. (See Weber, J., Stoll, and Hurst.)
Stoll, Joseph M. (See Armstrong, Herbert E., Jr., assignor.)
Stoll, Max, assignor, by mesne assignments, to Firmenich & Cie., Geneva, Switzerland. Higher aliphatic lactones and making them. 2,202,437; May 28.
Stoll, Robert E., et al. (See Grob, Benjamin, assignor.)
Stolle, John W., Ashland, Maine, assignor to C. W. Stevens, Danbury, Conn. Drill for drilling holes in wood. 2,188,928; Feb. 6.
Stolle, John W., assignor to C. W. Stevens, Danbury, Conn. Drilling deep holes in wood. 2,188,929; Feb. 6.
Stolle, Wilibald, Freital in Saxony, Germany. Type tying-up device. 2,210,307; Aug. 6.
Stolle, Wilibald, Freita, Dresden, Germany. Apparatus for printing works. 2,219,852; Oct. 29.
Stoller, Benjamin B., assignor to L. F. Lambert, Coatesville, Pa. Growth of mushroom mycelium. 2,189,303; Feb. 6.
Stoller, Hugh M., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control system. 2,202,172; May 28.
Stolp, Samuel S., assignor to Cheatham Electric Switching Device Co., Incorporated, Louisville, Ky. Trolley frog and approach end. 2,199,941; May 7.
Stolp, Samuel S., Louisville, Ky., and R. C. Sutton, Pittsburgh, Pa., assignors to Cheatham Electric Switching Device Co., Incorporated, Louisville, Ky. Trolley contactor. 2,202,471; May 28.
Stolp, Samuel S., Louisville, Ky., and L. R. Wagner, Detroit, Mich., assignors, by mesne assignments, to Nachod & United States Co., Incorporated. Time element release for control of traffic signals. 2,220,553; Nov. 5.
Stolp, William J. (See Guenther, E. G., Stevens, and Stolp.)
Stolper, Harry E., Brooklyn, assignor to Mail & Express Printing Co., Inc., New York, N. Y. Printing press sheet delivery apparatus. 2,200,937; May 14.
Stoltz, Charles E., assignor to Goodman Manufacturing Company, Chicago, Ill. Apparatus for transporting material in mines. 2,207,167; July 9.
Stoltz, Charles E., assignor to Goodman Manufacturing Company, Chicago, Ill. Self-propelled mining truck. 2,209,177; July 23.
Stoltz, Glenn E. (See Lessmann, G. P., Stoltz, and Kenyon.)
Stoltz, Glenn E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Crane hoist control. 2,208,401; July 16.
Stoltz, Harold I., Hyde Park, assignor to Kinney Manufacturing Company, Boston, Mass. Apparatus for recovering oil from exhaust mixtures. 2,201,961; May 21.
Stoltz, Harold I., Hyde Park, assignor to Kinney Manufacturing Company, Jamaica Plain, Mass. High vacuum pump apparatus. 2,215,256; Sept. 17.
Stoltzfus, Sylvanus H., assignor to General Mill Equipment Company, Kansas City, Mo., Bolter. 2,212,818; Aug. 27.
Stolze, Albert E., Edwardsville, Ill. Siding for buildings. 2,198,466; Apr. 23.
Stone, Albert L. (See Tytus, J. A., and Stone.)
Stone, Albert L., Palos Verdes Estates, assignor to Hydril Company of California, Los Angeles, Calif. Milling cylindrical work. 2,191,777; Feb. 27.
Stone, Albert L., Palos Verdes Estates, assignor to Hydril Company of California, Los Angeles, Calif. Casing joint. 2,211,179; Aug. 13.
Stone, Albert L., Redondo Beach, assignor to Hydril Company, Los Angeles, Calif. Making a joint box on end of pipe. 2,211,178; Aug. 13.
Stone, Albert L., and A. E. Rice, Palos Verdes Estates, and J. H. Appleton, assignors to Hydril Company, Los Angeles, Calif. Oil field power plant. 2,186,999; Jan. 16.
Stone, Albert L., Palos Verdes Estates, J. A. Tytus, Redondo Beach, and J. H. Appleton, assignors to Hydril Company of California, Los Angeles, Calif. Turning and milling machine. 2,222,206; Nov. 19.
Stone, Albert R., Arlington, Va., assignor, by mesne assignments, to Carpenter-Stone, Inc. Power clutch assemblage. 2,204,554; June 18.
Stone, Albert R., Arlington, Va., assignor, by mesne assignments, to Carpenter-Stone, Inc. Power clutch and brake assemblage. 2,212,904; Aug. 27.

Stone, Allen L., San Francisco, Calif., assignor, by mesne assignments, to Pneumastic Co., Inc. Plastic material mixing device. 2,213,640; Sept. 3.
Stone, Andrew J., London, England, assignor of one-half to R. L. Hague, New York, N. Y.; City Bank Farmers Trust Company and W. E. Godfrey, executors for R. L. Hague, deceased. Refrigerating apparatus. 2,215,485; Sept. 24.
Stone, Andrew J., London, England, assignor of one-half to R. L. Hague, New York, N. Y.; City Bank Farmers Trust Company and W. E. Godfrey, executors for R. L. Hague, deceased. Refrigerating apparatus. 2,215,486; Sept. 24.
Stone, Arthur P., Akron, assignor to The Wright Tool and Forge Company, Barberton, Ohio. Ratchet wrench. 2,201,705; May 21.
Stone, Arthur P., Akron, assignor to The Wright Tool and Forge Company, Barberton, Ohio. Battery post scraper. 2,204,516; June 11.
Stone, Calvin H. (See Dooley, A. F., and Stone.)
Stone, Carl J., Charleston, W. Va. Automobile handy table. 2,227,329; Dec. 31.
Stone, Chessley W. (See Dooley, A. F., and Stone, assignors.)
Stone, David B., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Packaging beverages. 2,204,833; June 18.
Stone, Earll R., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reciprocating fluid motor apparatus. 2,201,248; May 21.
Stone, Floyd B. (See Stitt, C. M., and H. C. and F. B. Stone.)
Stone, Frank, Cleveland, Ohio. Tool. 2,189,452; Feb. 6.
Stone, Frank J., Arlington, Mass. Amusement device. 2,187,407; Jan. 16.
Stone, Fred B., Haddon Heights, N. J., assignor to Radio Corporation of America. Tuning indicator circuit. 2,204,056; June 11.
Stone, Guy A., and F. J. Frisby, assignors to Taylor Instrument Companies, Rochester, N. Y. Telemetering system. 2,192,656; Mar. 5.
Stone, Harry D. (See Bisbing, C. F., and Stone.)
Stone, Henry C. (See Stitt, C. M., and H. C., and F. B. Stone.)
Stone, Herman A., et al. (See Vigue, William, assignor.)
Stone, Irwin, assignor to Wallerstein Company, Inc., New York, N. Y. Synthesizing compounds of the ascorbic acid series. 2,206,374; July 2.
Stone, J., & Company. (See Curzon, Thomas, assignor.)
Stone, J., & Company Limited. (See Hatcher, Ernest C., assignor.)
Stone, John B. (See Hefley, D. G., and Stone.)
Stone, Joseph L. (See Mason, Morris B., assignor.)
Stone, Julian D. (See Elam, N., and Stone.)
Stone, Lawrence, Jr., Denver, Colo. Automobile antenna. 2,214,685; Sept. 10.
Stone, Leonard J. (See Peters, W. A., and Stone.)
Stone, Morris D., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Apparatus for testing rolls. 2,195,504; Apr. 2.
Stone, Porter E., Detroit, Mich. Cylinder lock. 2,197,952; Apr. 23.
Stone, Sarah E., Short Hills, N. J. Convertible woman's hat. 2,221,155; Nov. 12.
Stone, Sol, Brooklyn, N. Y. Container. 2,202,358; May 28.
Stone, Stanley H., assignor to Buffalo Forge Company, Buffalo, N. Y. Holding or stripping mechanism for shearing machines. 2,203,884; June 11.
Stone, Theodore H., Singapore, Straights Settlements. Alighting gear for aircraft. 2,196,946; Apr. 9.
Stone, Theodore H., Singapore, Straits Settlements. Aircraft wing system. 2,207,951; July 16.
Stone, Uno G., Pierson, Fla. Treating soil. 2,190,128; Feb. 13.
Stone, Walter A., Endwell, N. Y. Attachment for lathes. 2,189,968; Feb. 13.
Stone, Walter I., Worcester, assignor of one-half to J. J. Adams, Shrewsbury, Mass. Machine for cutting sheet material. Re. 21,353; Feb. 13.
Stone, Warren M., Camden, N. J. Staple. 2,191,869; Feb. 27.
Stone, William S., Green Township, Hocking County, Ohio. Combined casket and grave vault. 2,205,110; June 18.
Stone, Willis B., Oklahoma City, Okla. Brake shoe lining grinding machine. 2,225,806; Dec. 24.
Stonehill, Cyrus, Fort Wayne, Ind., assignor to General Electric Company. Variable transformer. 2,214,864; Sept. 17.
Stoner, Arthur M., West Hartford, Conn. Broiler. 2,211,940; Aug. 20.
Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Self-tightening chuck. 2,207,230; July 9.
Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Drill support. 2,207,231; July 9.
Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Chuck. 2,207,232; July 9.
Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Chuck. 2,207,523; July 9.
Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Chuck. 2,207,524; July 9.
Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Chuck. 2,207,525; July 9.
Stoner, Eliot F., Inglewood, assignor, by mesne assignments, to Pacific Railway Equipment Company, Los Angeles, Calif. Vehicle body construction. 2,223,746; Dec. 3.
Stoner, Frank, Lakewood, assignor to The Baker Raulang Company, Cleveland, Ohio. Tractor. 2,226,027; Dec. 24.
Stoner, Harry B., and R. W. Phillips, Aurora, Ill. Check controlled mechanism. 2,220,739; Nov. 5.
Stoner, Howard G., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Combination handle and locking device for doors. 2,205,547; June 25.
Stoner-Mudge, Inc. (See Johnson, A. W., and Young, assignors.)
Stoner-Mudge, Inc. (See Young, George H., assignor.)
Stoner, William, Fresno, Calif. Material separator. 2,210,103; Aug. 6.
Stoner, William, Fresno, Calif. Material separator. 2,222,861; Nov. 26.
Stonestreet, George A., assignor to T. Wall & Sons Limited, London, England. Ice cream packing machine. 2,195,942; Apr. 2.
Stopford, Charles J. (See Oppegaard, A. G., and Stopford.)
Stopple, Clarence A. (See Sundstrom, H. T., and Stopple.)
Storck, Frederick W., Arlington, assignor to Standard Mailing Machines Company, Everett, Mass. Duplicating apparatus. 2,218,304; Oct. 15.
Storer, Richard M., Denver, Colo. Ice freezing mold. 2,226,184; Dec. 24.
Storer, Russell C., Cleveland, Ohio. Egg cleaning device. 2,205,606; June 25.
Storey, Daniel H., Wausau, Wis. Fishline float. 2,220,358; Nov. 5.
Storey, Le Roy G., White Plains, assignor to The Texas Company, New York, N. Y. Polymerization of hydrocarbons. 2,221,171; Nov. 12.
Storey, Norman C., Miami, Fla. Pump. 2,211,526; Aug. 13.
Storkline Furniture Corporation. (See Feldman, Abraham G., assignor.)
Storm, Avada, et al. (See Chapman, Clifford M., assignor.)
Storm, Christian G., Arlington, Va. Propellant charge holder. 2,210,959; Aug. 13.
Storm Manufacturing Company. (See Petersen, Hans, assignor.)
Storrie, William, Providence, R. I., assignor to Apco Mossberg Company. Guiding attachment for automobiles. 2,218,486; Oct. 15.
Storrs, George D., assignor to Gillette Rubber Company, Eau Claire, Wis. Nonskid device for tires. 2,192,419; Mar. 5.
Storrs, Robert W., Jr., Richmond, Va. Stop. 2,189,274; Feb. 6.
Stortz, John H., Philadelphia, Pa., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Transmission controlling mechanism. 2,227,412; Dec. 31.
Story, Bertrand W., Wenonah, and E. W. Fuller, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Oil composition. 2,211,798; Aug. 20.
Story & Clark Piano Company. (See Klepac, Joseph, assignor.)
Story, Elmer J., East Cleveland, assignor to The Cleveland Tractor Company, Cleveland, Ohio. Wear compensating device. 2,187,636; Jan. 16.
Story, Elmer J., East Cleveland, assignor to The Cleveland Tractor Company, Cleveland, Ohio. Tool box for agricultural machinery. 2,210,347; Aug. 6.
Story, Le Roy G., Bronxville, assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbon gases. 2,186,275; Jan. 9.
Story, Le Roy G., White Plains, assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,224,840; Dec. 10.
Storz, Charles R., St. Louis, Mo. Surgical instrument. 2,192,699; Mar. 5.
Storz, Otto D., Valparaiso, Ind. Band saw guide. 2,210,185; Aug. 6.
Stott, Frank, St. Albans, assignor, by mesne assignments, to Buttondex Corporation, New York, N. Y. Automatic button mechanism. 2,207,077; July 9.
Stott, Louis L., Reading, Pa., assignor to The Beryllium Corporation, New York, N. Y. Copper alloy. 2,212,254; Aug. 20.
Stott, Philip H., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyeing of synthetic linear polyamide fibers. 2,220,129; Nov. 5.
Stotz-Kontakt, Gesellschaft mit beschrankter Haftung. (See Sattler, Wilhelm, assignor.)
Stough, Charles R., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,217,081; Oct. 8.
Stout, Edward E. (See Weydell, Jarl M., assignor.)
Stout Engineering Laboratories, Inc. (See Smith, Frank M., assignor.)

Stout Engineering Laboratories, Inc. (See Stout, William B., assignor.)
Stout, Frederick S. (See Argabrite, G. M., Stout, and Leach.)
Stout, Harold E., and D. B. Kitzmiller, Reading, Pa.; said Kitzmiller assignor to said Stout. Knitting machine loop adjusting means. 2,220,807; Nov. 5.
Stout, John H., North Bonneville, Wash. Material loading device for roadway vehicles. 2,192,210; Mar. 5.
Stout, Raymond K. (See Crane, C. J., and Stout.)
Stout, William B., Detroit, assignor, by mesne assignments, to Stout Engineering Laboratories, Inc., Dearborn, Mich. Base for portable houses. 2,212,757; Aug. 27.
Stout, William E., Los Angeles, Calif. Transmission for a power device. 2,206,925; July 9.
Stovall, James B., Whittier, assignor to Globe Oil Tools Company, Los Nietos, Calif. Method and apparatus for removing objects and material from wells. 2,214,238; Sept. 10.
Stovall, John B., New Orleans, La. Shorts. 2,202,608; May 28.
Stovall, Leonard M., East St. Louis, Ill. Freezing device. 2,214,312; Sept. 10.
Stove, James W. (See Sullivan, W. G., and Stove.)
Stover, Albert L. (See Mayo, Rutledge R., assignor.)
Stover, Donald E., San Diego, Calif. Serological drop reaction means. 2,190,808; Feb. 20.
Stover, Emory F., Wynnewood, Pa. Electric flow meter. 2,208,609; July 23.
Stover Manufacturing & Engine Co. (See Bangasser, Louis W., assignor.)
Stover, Murray A., Pasadena, Calif. Clarinet pad control. 2,214,089; Sept. 10.
Stover, Russell, Kansas City, Mo. Refrigerated storage container for transporting frozen products. 2,216,330; Oct. 1.
Stover, Paul A., assignor to Fire-Gard Corporation, San Francisco, Calif. Fire extinguishing apparatus. 2,220,299; Nov. 5.
Stover, William A., assignor to Petroleum Engineering, Incorporated, Tulsa, Okla. Purifying absorbent menstruums. 2,196,878; Apr. 9.
Stow & Davis Furniture Company. (See Schad, George W., assignor.)
Stowe, Rolland M., assignor to Corry-Jamestown Manufacturing Corporation, Corry, Pa. Tubular frame. 2,185,904; Jan. 2.
Stowe, Vernon M., Prince George County, Va., assignor to The Solvay Process Company, New York, N. Y. Restoring efficiency of thin beds of catalyst granules used for oxidation of ammonia. 2,222,884; Nov. 26.
Stowe-Woodward, Inc. (See Shepard, Henry B., assignor.)
Stowe-Woodward, Inc. (See Wilkie, Robert J., assignor.)
Stowell, Frank C., Medford, Mass. Combination shoulder for railroad tie plates. 2,190,999; Feb. 20.
Stowers, Allen. (See Lemmon, W. G., and Stowers.)
Stoxen, Roy C., Marengo, Ill. Antishimmy device. 2,203,583; June 4.
Stoyanchul, Ivan J., Akron, Ohio. Feed chute for washing machines. 2,208,088; July 16.
Stoye, Kurt. (See Drachman, M. J., and Stoye.)
Stra, René, Brussels, Belgium. Automatic sales apparatus. 2,185,872; Jan. 2.
Straat, Harold W. (See Forrest, J. W., and Straat.)
Straatman, Alphons G. H., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Method and apparatus for determining the nature of borehole fluids. 2,204,196; June 11.
Straatman, Alphons G. H., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Device for recovering cores from boreholes. 2,220,554; Nov. 5.
Straatveit, Nils N., Oslo, Norway. Machine for actuating fluid. 2,195,792; Apr. 2.
Sträb, Hermann. (See Ortlieb, A., and Sträb.)
Strachan, Donald G., Bridgeport, Conn. Kitchen appliance. 2,222,960; Nov. 26.
Strachan, John M. (See Oberhoffken, A., and Strachan.)
Strader, Harold L., assignor to Hughes Tool Company, Houston, Tex. Cementing hook. 2,218,728; Oct. 22.
Straehler, Hans. (See Friedrichsen, H., and Straehler.)
Strahman, Herman. (See Jaegle, William C., assignor.)
Strain, Bruce, Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Plodding soap. 2,213,772; Sept. 3.
Strain, Daniel E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Low molecular weight methacrylic acid ester polymers. 2,204,517; June 11.
Strain, George H., Seaford, England. Screen. 2,192,668; Mar. 5.
Strain, Oscar R. (See Kenner, W. T., Sr., Bush, and Strain.)
Strand, Steen. (See Thorp, J. R., and Strand.)
Strandberg, Par P. (See Kögel, W. G., and Strandberg.)
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 2,191,929; Feb. 27.
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Disk plow. 2,202,931; June 4.
Strandt, Gustav E., Milwaukee, Wis. Smoking pipe. 2,188,966; Feb. 6.
Strandt, Gustav E., Milwaukee, Wis. Sash drain. 2,203,753; June 11.
Strang, Cortland J., Mount Vernon, assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Plate finishing machine. 2,213,110; Aug. 27.
Strang, Elmore S., New Haven, and R. O. Farmer, Seymour, Conn., and E. H. Koenig, West Orange, N. J., assignors to The New Haven Copper Company, Seymour, Conn. Alloy. 2,185,956; Jan. 2.
Strang, Elmore S., New Haven, and R. O. Farmer, assignors to The New Haven Copper Company, Seymour, Conn. Copper base alloy. 2,185,957; Jan. 2.
Strang, Elmore S., and E. H. Koenig, New Haven, assignors to The New Haven Copper Company, Seymour, Conn. Copper base alloy. 2,185,958; Jan. 2.
Strang, John J., assignor to Air Conditioning Equipment, Inc., Kansas City, Mo. Refrigerating system. 2,221,530; Nov. 12.
Strang, Peter M., Auburndale, and A. S. Norcross, Newton, Mass., assignors, by mesne assignments, to P. M. Strang. Method of and apparatus for testing fibrous textile materials. 2,217,026; Oct. 8.
Strange, Charles C. (See Pilblad, E. J., and Strange.)
Strange, Charles C., Port Richmond, Staten Island, N. Y. Locking mechanism. 2,220,132; Nov. 5.
Strange, Charles C., Port Richmond, Staten Island, assignor of twenty-six and one-fourth per cent to E. J. Pilblad, Rockville Centre, Long Island; seventeen and one-half per cent to A. J. McIntosh, seventeen and one-half per cent to A. L. Barach, and twelve and one-half per cent to E. J. Barach, New York, N. Y. Locking mechanism. 2,220,130; Nov. 5.
Strange, Charles C., Port Richmond, Staten Island, assignor of twenty-six and one-fourth per cent to E. J. Pilblad, Rockville Centre, Long Island; seventeen and one-half per cent to A. J. McIntosh, seventeen and one-half per cent to A. L. Barach, and twelve and one-half per cent to E. J. Barach, New York, N. Y. Locking mechanism. 2,220,131; Nov. 5.
Strange, Charles C., Port Richmond, Staten Island, and E. J. Pelblad, Rockville Centre, N. Y. Speed control apparatus. 2,209,426; July 30.
Strange, Charles C., Port Richmond, Staten Island, and E. J. Pilblad, Rockville Centre, N. Y. Locking device. 2,214,778; Sept. 17.
Strange, John W., London, and W. H. Connell, Hillingdon, assignors, to Electric & Musical Industries Limited, Hayes, England. Electron discharge device. 2,227,042; Dec. 31.
Strano, Peter, and R. E. Hulburt; said Strano assignor to M. J. Doyle, San Francisco, Calif. Reed forming machine. 2,204,871; June 18.
Strasburg, Jesse L., South Williamsport, F. J. Livingston, Williamsport, and G. C. Billman, Jersey Shore, Pa. Engine vibration eliminator. 2,198,135; Apr. 23.
Strasburger, Charles M., Baltimore, Md. Chemical proportioner. 2,221,273; Nov. 12.
Strassberger, Lothar, Berlin-Wilmersdorf, Germany, and E. Schwenk, Montclair, assignors to Schering Corporation, Bloomfield, N. J. Reducing unsaturated germinal gland hormones. 2,223,393; Dec. 3.
Strassenburg, Eric, assignor to Histra Corporation, New York, N. Y. Photographic shutter. 2,214,754; Sept. 17.
Strasser, Bernard J., Ozone Park, N. Y. Portable table structure. 2,190,222; Feb. 13.
Strasser, Carl, and W. H. Tanke, La Crosse, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Power lift mechanism. 2,197,369; Apr. 16.
Strasser, Robert, Hollis, N. Y. Golf club. 2,204,974; June 18.
Stratford, Charles W., assignor to Stratford Development Corporation, Kansas City, Mo. Apparatus for treating hydrocarbon oils. 2,187,466; Jan. 16.
Stratford, Charles W., Kansas City, Mo., assignor to Standard Oil Company of California, San Francisco, Calif. Liquid mixer and settler. 2,190,247; Feb. 13.
Stratford Development Corporation. (See Stratford, Charles W., assignor.)
Stratford, Frank B., Montclair, N. J. Rake. 2,193,436; Mar. 12.
Stratford, Reginald K., and O. S. Pokorny, Sarnia, Ontario, Canada, assignors to Standard Oil Development Company. Dewaxing oils. 2,192,718; Mar. 5.
Stratford, William M., assignor, by mesne assignments, to Texaco Development Corporation, New York, N. Y. Treating a well. 2,193,775; Mar. 12.
Strathmore Paper Company. (See Parkhill, T. H., and Shattuck, assignors.)
Strattan, Ralph T. (See Jones, L. B., and Strattan.)
Strattner, Lawrence W., Mechanicville, assignor to West Virginia Pulp and Paper Company, New York, N. Y. Soap wrapper. 2,206,829; July 2.
Stratton, Albert C., assignor to A. S. Marlow, Ridgewood, N. J. Priming means for self-priming pumps. 2,224,615; Dec. 10.
Stratton, Edwin T., Memphis, Tenn. Battery tester. 2,205,316; June 18.
Stratton, Frank E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Fastening-inserting machine. 2,199,514; May 7.
Stratton, Frank E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Valve device for a fluid power transmission mechanism. 2,220,920; Nov. 12.
Stratton, Frazier O. (See May, H. F., and Stratton.)

Stratton, George B. (See Coleman, G. H., Moore, and Stratton.)
Stratton, George B. (See Coleman, G. H., and Stratton.)
Stratton, Linda L. D., Fairmont, W. Va. Cigar or cigarette lighter. 2,198,234; Apr. 23.
Straub, Alvin L., Houston, Tex. Well cementing device. 2,202,173; May 28.
Straub, Elmer W., Keyport, N. J. Refrigeration apparatus. 2,211,527; Aug. 13.
Straub, Fritz, Basel, W. Hanhart, Riehen near Basel, and W. Anderau, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Production of fast tints on vegetable fibers. 2,185,905; Jan. 2.
Straub, Fritz, and P. Pieth, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs and making same. 2,208,170; July 16.
Straub, Fritz, Basel, and H. Schneider, Riehen, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Nuclear alkylated diaminostilbene disulphonic acids and making same. 2,212,084; Aug. 20.
Straub, Fritz, Kaiseraugst, and W. Anderau, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs and producing same. 2,226,675; Dec. 31.
Straub, John M. (See Schimmel, F. W., and Straub.)
Straub, W. F., & Company. (See McNeil, James W., assignor.)
Straub, W. F., & Company. (See Straub, Walter F., assignor.)
Straub, Walter F., assignor to W. F. Straub & Company, Chicago, Ill. Container closure. 2,194,486; Mar. 26.
Straub, Walter F., assignor to W. F. Straub & Company, Chicago, Ill. Salad dressing. 2,221,957; Nov. 19.
Straubel, Clarence W. (See Anderson, A. H., Fitch, and Straubel.)
Straubel, Clarence W., Youngstown, Ohio, assignor, by mesne assignments, to Acme Visible Records, Inc., Chicago, Ill. Visible filing unit. 2,195,943; Apr. 2.
Straubel, Clarence W., Youngstown, Ohio, assignor, by mesne assignments, to Acme Visible Records, Inc., Chicago, Ill. Card shearing machine. 2,204,736; June 18.
Straubel, Walter E., North Bergen, and J. P. Eonalf, West New York, N. J. Proportional picture variator. 2,204,709; June 18.
Strauch, Clauss B., Milwaukee, Wis. Pneumatic protector for automobiles. 2,218,690; Oct. 22.
Strauch, Clauss B., New York, N. Y., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Fabricator for adhesive tape. 2,190,809; Feb. 20.
Strauch, Clauss B., New York, N. Y., assignor to Hartford-Empire Company, Hartford, Conn. Forming over objects. 2,210,509; Aug. 6.
Straughn, William D. R., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic solvent soluble cellulosic film plasticized with glycol diglycolate. 2,207,702; July 16.
Straus, Elizabeth B. (See Dowdall, James T., assignor.)
Straus, Harry H. (See Haswell, Henry L., assignor.)
Straus, Harry H. (See Vincke, Gerhard, assignor.)
Straus, Harry H., New York, N. Y., assignor to Armstrong Cork Company, Lancaster, Pa. Producing reinforced sheet cork. 2,226,953; Dec. 31.
Straus, Leo, New York, N. Y. Toilet article retainer. 2,200,046; May 7.
Strausbaugh, Curvin E., Port Royal, S. C. Grinding wheel tool. 2,194,622; Mar. 26.
Strause, Monroe B., Long Island City, assignor of one-third to M. Moore, Brooklyn, N. Y. Dry grater. 2,207,903; July 16.
Strauss, Annette, et al., executors. (See Strauss, Joseph B.)
Strauss, Benno, Essen, Germany, assignor, by mesne assignments, to The Nirosta Corporation. Welded construction. 2,200,229; May 7.
Strauss Electric Appliance Company. (See Shurts, Englebert, assignor.)
Strauss, Ferdinand E., Schenectady, N. Y., assignor to General Electric Company. Indicating system. 2,191,329; Feb. 20.
Strauss, Frank A., New Brighton, Staten Island, N. Y., assignor to Wecoline Products, Inc., Boonton, N. J. Synthetic drying oil and making same. 2,197,813; Apr. 23.
Strauss, Jerome. (See Davis, J. R., Strauss, and Dunn.)
Strauss, Jerome, New York, N. Y., and H. E. Dunn, Crafton, Pa., assignors to Vanadium Corporation of America, New York, N. Y. Manufacture of ferrotitanium alloys. 2,222,805; Nov. 26.
Strauss, Joseph B., San Francisco, Calif., deceased; A. Strauss, J. Sparks, and H. C. Clausen, executors. Automotive train. 2,193,046; Mar. 12.
Strauss, Ober G., Orlando, Fla. Machine for applying sealing tape to wrapped articles. 2,199,033; Apr. 30.
Strauss, Pedro, Caracas, Venezuela. Mechanism for reproducing recorded sounds in toys. 2,212,623; Aug. 27.
Strauss, Philipp P. B., Berlin-Johannisthal, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic apparatus. 2,213,749; Sept. 3.
Strauss, Ra, C., Madison, Wis. Vehicle accessory. 2,222,636; Nov. 26.
Strauss, Siegmund, and L. Weisglass, Vienna, Austria. Process and apparatus for taking X-ray pictures of parts of the human body. 2,190,389; Feb. 13.
Strauss, Siegmund, and L. Weisglass, Vienna, Austria. Apparatus for measuring and supervising the heart action. 2,193,945; Mar. 19.
Straussberger, Hans J., Brooklyn, assignor to Julius Kayser & Company, New York, N. Y. Narrowing mechanism for flat knitting machines. 2,221,291; Nov. 12.
Straw, Clayton, Henniker, assignor to Kingsbury & Davis Machine Company, Contoocook, N. H. Box-making machine. 2,186,772; Jan. 9.
Straw, Clayton, Henniker, assignor to Kingsbury & Davis Machine Company, Contoocook, N. H. Box making machine. 2,191,330; Feb. 20.
Strawbridge & Clothier. (See Tarr, Margaret H., assignor.)
Strawn, Raymond W., assignorto Berkeley Brandt, Ojai, and E. R. Mullen, Vista, Calif. Sprinkler. 2,226,028; Dec. 24.
Strazzabosco, Bruno, Chicago, Ill. Wall socket. 2,196,842; Apr. 9.
Stream, Edward H., Chicago, Ill. Scarfing torch rod feeder. 2,195,944; Apr. 2.
Streander, Philip B., Maplewood, N. J., assignor to Municipal Sanitary Service Corporation, New York, N. Y. Apparatus for and method of treating sewage sludge and the like. 2,188,847; Jan. 30.
Streckfuss, Elmer G., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Time recorder. 2,201,355; May 21.
Street, Chauncey C., Providence, R. I., assignor to H. Frauenthal, South Bend, Ind. Gauge. 2,197,198; Apr. 16.
Street, Chauncey C., Providence, R. I., assignor to Federal Products Corporation. Comparison mechanism. 2,219,037; Oct. 22.
Street, George C. (See Sanders, L. L., and Street.)
Streeter-Amet Company. (See Basquin, Olin H., assignor.)
Streeter-Amet Company. (See Basquin, O. H., and Haegele, assignors.)
Strehlein, Mary A., Chicago, Ill. Fastener. 2,221,821; Nov. 19.
Strehs, Adam J., Miami, Fla. Dispensing cap for paste tubes. 2,193,746; Mar. 12.
Strehs, Adam J., Miami, Fla. Well cap. 2,220,431; Nov. 5.
Streicher, Johann S., assignor to American Platinum Works, Newark, N. J. Silver solder alloy. 2,192,455; Mar. 5.
Streicher, Johann S., assignor to American Platinum Works, Newark, N. J. Silver solder alloy. 2,192,456; Mar. 5.
Streicher, Johann S., assignor to The American Platinum Works, Newark, N. J. Catalyzer and preparing it. 2,200,522; May 14.
Streim, Samuel, Long Island City, N. J. Dental crown and forming same. 2,219,058; Oct. 22.
Streit, Albert P., Cachan, France. Taking up the play of spikes. 2,222,546; Nov. 19.
Strell, Meyer, Newark, N. J. Dental matrix adjuster and retainer. 2,218,774; Oct. 22.
Streng, Franz, Frankfort-on-the-Main-Unterliederbach, Germany, assignor to General Aniline & Film Corporation. Process and composition for printing textile fabrics. 2,207,233; July 9.
Strength, Thomas C., Long Beach, Calif. Directional well drilling tool. 2,197,227; Apr. 16.
Streuli, Paul. (See Graenacher, C., and Streuli.)
Streun, John A., assignor to Hardwicke-Etter Company, Sherman, Tex. Revoluble mote board. 2,187,867; Jan. 23.
Streyckmans, Hector J., assignor, by mesne assignments, to Carl Sherman, Escrow Agent, New York, N. Y. Multiple motion picture projector. 2,206,134; July 2.
Streyle, Elmer W., Pittsburgh, Pa. Bottle receptacle. 2,197,326; Apr. 16.
Strezynski, George J., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal separator. 2,185,279; Jan. 2.
Strezynski, George J., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal separator bowl. 2,209,043; July 23.
Strezynski, George J., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Removing impurities from vegetable oils. 2,215,624; Sept. 24.
Strezoff, Bogoia, Minneapolis, Minn. Hair clipper. 2,192,054; Feb. 27.
Stricker, William, Kansas City, Mo. Automatic food forming and cutting machine. 2,193,147; Mar. 12.
Strickland, Hal H., Jr. (See Le Maistre, J. H. Strickland, and Weaver, assignors.)
Strickland, Tom P., Toorak, Victoria, and A. T. O'Meara, Camberwell, Victoria, Australia. Tramway, railway, and like crossings. 2,214,489; Sept. 10.
Stricklen, John R., assignor to National Rubber Machinery Company, Akron, Ohio. Apparatus for manufacturing insulated wire or the like. 2,218,138; Oct. 15.
Strid, Sven J., Chicago, Ill. Car door fastener. 2,211,963; Aug. 20.
Striebel, Albert, Constance-on-the-Bodensee, Germany. Water wave clip. 2,208,438; July 16.
Strieby, Maurice E., Maplewood, N. J. Razor. 2,197,400; Apr. 16.
Strike, Nicholas L. (See Pearson, Otto H., and E., assignors.)

Stringer, George E., Chicago, Ill. Automatic damper control. 2,224,705; Dec. 10.
Stringer, Montford C., Hopedale, Ohio. Pole mounting. 2,199,897; May 7.
Stringfellow, Henry A., et al. (See Smith, F. H., and Stringfellow, assignors.)
Stringfellow, Henry A., New York, assignor of one-half to F. I. Woodburn, Garden City, Long Island, N. Y. Liquid measuring and dispensing device. 2,208,862; July 23.
Stringham, Leonidas K. (See Landis, G. G., and Stringham.)
Stringher, Diego, Rome, Italy. Stabilizing device for vehicles. 2,193,303; Mar. 12.
Stritter, Karl A., Nahant, Mass. Shoe. 2,205,963; June 25.
Stritter, Karl A., Nahant, Mass. Shoemaking. 2,220,555; Nov. 5.
Stritter, Karl A., Nahant, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoemaking. 2,200,401; May 14.
Strobl, Samuel, Chicago, Ill. Collet chuck. 2,193,890; Mar. 19.
Strobel, Frederick W., Washington, D. C. Garment bagger. 2,224,527; Dec. 10.
Strobell, John D., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Ventilating apparatus. 2,218,561; Oct. 22.
Strobell, John D., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Apparatus for and method of air distribution. 2,220,587; Nov. 5.
Strobridge, William. (See Bowdoin, G. E., and Strobridge.)
Strobridge, William, Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Apparatus for drying. 2,203,422; June 4.
Strobridge, William, Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Garment pressing machine. 2,226,450; Dec. 24.
Strocco, Gene, and P. Gusmarino, New York, N. Y. Spool bracket. 2,187,386; Jan. 16.
Strode-Victor W., Portland, Oreg. Vacuum preventer. 2,202,123; May 28.
Stroebel, George W., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine packing arrangement. 2,199,250; Apr. 30.
Stroeble, Hugo, et al. (See Larson, Russell W., assignor.)
Stroehla, Arthur D., and L. E. Richter, assignors to The Russell Manufacturing Company, Middletown, Conn. Friction disk and making the same. 2,196,569; Apr. 9.
Strom, Carl E., South Gate, Calif. Retrievable wire line bridge plug. 2,194,331; Mar. 19.
Strom, Oscar F., Biwabik, Minn. Toy steam shovel. 2,192,807; Mar. 5.
Strom, Walter H., Detroit, Mich. Artificial fly holder for a fisherman's kit. 2,188,987; Feb. 6.
Strom, Walter H., Detroit, Mich. Tackle box. 2,208,649; July 23.
Stromberg-Carlson Telephone Manufacturing Company, The. (See Beyland, Sidney A., assignor.)
Stromberg-Carlson Telephone Manufacturing Company, The. (See Powell, Winfred T., assignor.)
Stromberg, David E., and J. E. Carlson, Detroit, Mich. Self-cleaning punch. 2,191,836; Feb. 27.
Stromberg Motoscope Mfg. Co. (See Mitchell, Henry W., assignor.)
Strong, Basil P., Atwater, Ohio. Removing heat indicator bulbs. 2,208,520; July 16.
Strong, Charles E., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Thermionic amplifier. 2,213,871; Sept. 3.
Strong, Charles W., Portland, Oreg., assignor to Strong Manufacturing Company. Time-actuated load releasing mechanism. 2,192,457; Mar. 5.
Strong, Earl G., Milan, Ohio. Bowling alley. 2,207,643; July 9.
Strong, Hiram W., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Wick assembly. 2,210,861; Aug. 6.
Strong, Hiram W., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Lamp burner assembly. 2,222,092; Nov. 19.
Strong, John D., and R. Hayward, Pasadena, Calif. Transparent projection screen. 2,200,646; May 14.
Strong Manufacturing Company. (See Strong, Charles W., assignor.)
Strong, William E. S., assignor to John B. Pierce Foundation, New York, N. Y. Producing molded concrete products and apparatus therefor. 2,193,847; Mar. 19.
Strong, William E. S., assignor to J. B. Pierce Foundation, New York, N. Y. Timing mechanism. 2,212,868; Aug. 27.
Stroschein, Edward, Oshkosh, Wis. Clothes wringer. 2,221,389; Nov. 12.
Strotmann, Hugo, Berlin-Grunewald, Germany. Cash register. 2,210,472; Aug. 6.
Stroud, Robert, assignor to Niagara Screens & Machines Limited, Toronto, Ontario, Canada. Mechanism for imparting a gyratory movement to screens. 2,192,420; Mar. 5.
Stroup, Fred H., Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Compressor shut-off valve mechanism. 2,206,651; July 2.
Stroup, Philip T., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 2,226,594; Dec. 31.
Stroup, Victor, Cherryville, N. C. Door mat cabinet. 2,217,570; Oct. 8.
Stroupe, Albert H., and P. F. Thielen, Peoria, Ill. Pressure cooker. 2,226,593; Dec. 31.
Strout, Leeman F., Stamford, Conn. Spray gun nozzle and valve. 2,225,759; Dec. 24.
Strout, Robert W., assignor to E. W. Bliss Company, Brooklyn, N. Y. Control means for fluid-operated clutches. 2,204,710; June 18.
Strout, Robert W., assignor to E. W. Bliss Company, Brooklyn, N. Y. Power drive mechanism. 2,213,111; Aug. 27.
Strovink, Floria, Medford, assignor to Bennett Incorporated, Cambridge, Mass. Manufacture of papers having low affinity for adhesives. 2,199,862; May 7.
Strube, Charles, et al. (See Schatz, Frederick M., assignor.)
Strübe, Hendrik L., assignor to N. V. Industrieele En Bouwmaterialenhandelmaatschappij "Iboma", Amsterdam, Netherlands. Highway construction. 2,192,246; Mar. 5.
Strube, Herbert, et al. (See Schatz, Frederick M., assignor.)
Strube, Jens J., and A. Broetz, Erlenbach-on-the-Main, Germany, assignors to North American Rayon Corporation, New York, N. Y. Manufacture of crepe yarn. 2,219,728; Oct. 29.
Strube, William, et al. (See Schatz, Frederick M., assignor.)
Strübig, Heinrich. (See Schwartz, E., and Strübig.)
Struck, Henry W., Boston, Mass. Device for operating vehicle controls. 2,200,973; May 14.
Struck, Henry W., Boston, Mass. Apparatus for operating vehicle controls. 2,206,586; July 2.
Struensee, Louis C., Oshkosh, Wis. Four-wheel trailer hitch. 2,189,453; Feb. 6.
Strungart, William C. (See Brewer, John A., assignor.)
Strungart, William C., Kalamazoo, Mich. Electric switch. 2,209,253; July 23.
Struthers Wells-Titusville Corporation. (See How, Harlan W., assignor.)
Strutt, Maximiliaan J. O., and P. H. J. A. Kleynen, Eindhoven, Netherlands, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,205,500; June 25.
Stryker, Albert R., Lawrenceburg, Ind., assignor of one-fourth to C. Tietig, Covington, Ky. Making pure hydrogen. 2,200,607; May 14.
Stryker, Albert R., Lawrenceburg, Ind., assignor of one-half to C. Tietig, Covington, Ky. Gas making apparatus. 2,216,792; Oct. 8.
Strzalkowski, Charles W., Milwaukee, Wis. Tally mechanism for knitting machines. 2,206,518; July 2.
Stuart, A. C., et al. (See Snodgrass, John A., assignor.)
Stuart, Albert H., Walthamstow, England, assignor, by mesne assignments, to Acheson Colloids Corporation, New York, N. Y. Coating and impregnating composition and method of coating surfaces. 2,196,128; Apr. 2.
Stuart, Alexander T., Forest Hill Village, Ontario, Canada. Treating siderite. 2,197,085; Apr. 16.
Stuart, Bill A., Arkansas City, Kans. Lawn mower sharpening tool. 2,203,551; June 4.
Stuart, Clyde, P. L. Lange, and G. M. Neill, Brownwood, Tex. Oil well pump rod cleaner. 2,213,923; Sept. 3.
Stuart, Clyde W., New York, N. Y. Article carrier. 2,208,347; July 16.
Stuart, E. W., et al. (See Snodgrass, John A., assignor.)
Stuart, Elmer H., assignor to Eli Lilly and Company, Indianapolis, Ind. 2(p-Nicotinylaminobenzenesulfonamide) pyridine and its salts, and preparing them. 2,186,773; Jan. 9
Stuart, Elmer H., assignor to Eli Lilly and Company, Indianapolis, Ind. Cevitamate solution. 2,187,467; Jan. 16.
Stuart, Elmer H., assignor to Eli Lilly and Company, Indianapolis, Ind. Ephedrine gluconate and producing it. 2,211,630; Aug. 13.
Stuart, Harve R., Springfield, assignor to E. N. Fales, Lake Forest, Ill. Turbine. Re. 21,382; Mar. 5.
Stuart, Henry J. (See Clark, D. M., and Stuart.)
Stuart, John C. K., and A. H. Vanderburgh, assignors to Insulation Products Limited, Toronto, Ontario, Canada. Means for puffing slag. 2,212,962; Aug. 27.
Stuart, John F. W. (See Norton, Frank D., assignor.)
Stuart, Kenneth E., Niagara Falls, assignor to Hooker Electrochemical Company, New York, N. Y. Sealing the joints between the members comprising electrolytic cells. 2,208,778; July 23.
Stuart, Robert. (See Loughridge, M. H., and Stuart.)
Stuart, Robert, Forest Hills, Long Island, N. Y. Selective indexing systems. 2,185,233; Jan. 2.
Stuart, Robert, Forest Hills, N. Y. Photographic film carrier and development receptacle. 2,191,508; Feb. 27.
Stuart, Robert, Forest Hills, Long Island, N. Y. Photoprinting system and apparatus. 2,227,110; Dec. 31.
Stuart, William W., Des Moines, Iowa. Heat exchange structure. 2,198,136; Apr. 23.
Stuart, William W., Des Moines, Iowa. Flow control system. 2,226,081; Dec. 24.

Stuart, William W., Des Moines, Iowa, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,209,941; July 30.

Stuart, William W., Des Moines, Iowa, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system. 2,209,942; July 30.

Stubbs, Albert, Knutsford, England, assignor to General Electric Company. Elastic fluid power plant. 2,192,759; Mar. 5.

Stubbs, Everard, Springfield, Vt., assignor to Norton Company, Worcester, Mass. Grinding machine. 2,189,931; Feb. 13.

Stubbs, Everard, assignor to The Fellows Gear Shaper Company, Springfield, Vt. Finishing recesses. 2,209,483; July 30.

Stubbs, Joseph B., Douglas, Ga. Cigarette holder. 2,224,660; Dec. 10.

Stuber, Bernard K., Detroit, Mich. Constant velocity joint. 2,206,735; July 2.

Stuber, Walter J., assignor to Carey-McFall Company, Philadelphia, Pa. Venetian blind structure. 2,216,678; Oct. 1.

Stuber, Walter J., assignor to Carey-McFall Company, Philadelphia, Pa. Head casing for Venetian blinds. 2,220,796; Nov. 5.

Stubler, Raymond A., Baltimore, Md. Dispensing cap for tooth paste and similar tubes. 2,192,020; Feb. 27.

Stubnitz-Greene Spring Corporation. (See Greene, D. A., and Caughey, assignors.)

Stuck, Harold D., assignor to John W. Bolton & Sons, Inc., Lawrence, Mass. Fused Jordan lining and process of making. 2,187,504; Jan. 16.

Stuck, Harold D., assignor to John W. Bolton & Sons, Inc., Lawrence, Mass. Machine for making Jordan shell linings. 2,201,001; May 14.

Stuckardt, Karl, Berlin-Charlottenburg, and R. Reichmann, Berlin, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Producing an inorganic insulating material. 2,185,280; Jan. 2.

Stuckenholt, Casper S., and L. Jaros, assignors to The W. J. Schoenberger Company, Cleveland, Ohio. Lighting device for gas burners. Re. 21,496; June 25.

Stuckert, Ludwig, Munich, assignor to Deutsche Gold-und Silber-Scheideanstalt, Frankfort-on-the-Main, Germany. Acid resisting enamel. 2,209,585; July 30.

Studebaker Corporation, The. (See Burt, Leo O., assignor.)

Studebaker, George, assignor of one-half to Zion Industries, Inc., Zion, Ill. Cooky icing machine. 2,205,317; June 18.

Studley, Gerard L., Walpole, assignor to Bird & Son, Inc., East Walpole, Mass. Packing box. 2,220,740; Nov. 5.

Stuebing, William, Jr., assignor to Lift Trucks Incorporated, Cincinnati, Ohio. Lift truck. 2,224,166; Dec. 10.

Stuer, Joseph, Lawrence, Mass. Transfer mechanism for looms. 2,207,078; July 9.

Stuerzl, Henry C., Flint, assignor to General Motors Corporation, Detroit, Mich. Instrument lighting. 2,189,535; Feb. 6.

Stuerzl, Henry C., Flint, assignor to General Motors Corporation, Detroit, Mich. Instrument lighting. 2,189,536; Feb. 6.

Stuhlman, William, Des Plaines, Ill., assignor to The American Paper Goods Company. Ready openable envelope. 2,222,341; Nov. 19.

Stukenborg, Louis C., Memphis, Tenn. Cotton picker head. 2,222,637; Nov. 26.

Stulen, Lida F. (See Stulen, Walter H., assignor.)

Stulen, Walter H., Pittsburgh, assignor to L. F. Stulen, Bellevue, Pa. Structural unit and making it. 2,207,952; July 16.

Stump, Earl, Harvey, assignor to Roberts and Schaefer Company, Chicago, Ill. Apparatus for separating and cleaning materials. Re. 21,682; Dec. 31.

Stump, Horace E., Canaan, Conn. Carbonating lime. 2,198,640; Apr. 30.

Stump, W. B., et al. (See Bessey, Gordon W., assignor.)

Stumpf, George, assignor to Automatic Switch Co., New York, N. Y. Four-way valve. 2,218,861; Oct. 22.

Stumpf, Lewis T., Cleveland, Ohio. Centrifugal force indicating means for shafts, golf clubs, and the like. 2,223,647; Dec. 3.

Stumpf, Pleikart, Munich, Germany. Method and apparatus for making motion pictures. 2,217,240; Oct. 8.

Stumpf, Walter W., Maplewood, N. J. Hinge. 2,206,708; July 2.

Stumpp, Hermann, assignor to Brandenburgische Motorenwerke Gesellschaft mit beschränkter Haftung, Berlin-Spandau, Germany. Torsional-oscillation damper. 2,213,417; Sept. 3.

Stupakoff Laboratories, Inc. (See Stupakoff, Semon H., assignor.)

Stupakoff, Semon H., assignor to Stupakoff Laboratories, Inc., Pittsburgh, Pa. Glass and metal construction unit. 2,220,690; Nov. 5.

Stuppy, Tony G. (See Boe, W., and Stuppy.)

Sturdy-Bilt Equipment Corporation. (See Dostal, John R., assignor.)

Sturges, Ludd., et al. (See Francis, George W., Sr., assignor.)

Sturges, Walter M., et al. (See Long, H. L., and Johns, assignors.)

Sturgis, Bernard M. (See Neal, A. M., and Sturgis.)

Sturm, Ansgar F., Staten Island, N. Y., assignor to Mergenthaler Linotype Company. Accounting machine. 2,226,451; Dec. 24.

Sturm, Ernst, and R. Fleischmann, assignors to the firm J. A. Wülfing, Chemische Fabrik, Berlin, Germany. Stable organic calcium salt solutions adapted for injection. 2,222,520; Nov. 19.

Sturm, Fred A., Paterson, N. J. Marking implement. 2,204,778; June 18.

Sturm, Frederick W. (See Thompson, I. C., and Sturm.)

Sturm, Frederick W., assignor to The Wayne Pump Company, Fort Wayne, Ind. Liquid dispensing apparatus. 2,191,870; Feb. 27.

Sturm, Lewis D., Portland, Oreg. Ball bearing screw jack. 2,227,111; Dec. 31.

Sturm, Ralph E., and G. V. Eltgroth, assignors to Bendix Radio Corporation, Baltimore, Md. Pressure gauge. 2,209,212; July 23.

Sturm, Ralph E., and G. V. Eltgroth, assignors to Bendix Radio Corporation, Chicago, Ill. Rate measuring apparatus. 2,226,185; Dec. 24.

Sturtevant, B. F., Company. (See Adair, Thomas D., assignor.)

Sturtevant, B. F., Company. (See Allen, George W., assignor.)

Sturtevant, B. F., Company. (See Anderson, Samuel M., assignor.)

Sturtevant, B. F., Company. (See Bergstrom, Carl O., assignor.)

Sturtevant, B. F., Company. (See Brizzolara, Robert T., assignor.)

Sturtevant, B. F., Company. (See Foss, Benjamin S., assignor.)

Sturtevant, B. F., Company. (See Goldthwaite, George R., assignor.)

Sturtevant, B. F., Company. (See Hagen, Harold F., assignor.)

Sturtevant, B. F., Company. (See Hanson, Milton E., assignor.)

Sturtevant, B. F., Company. (See Keyes, Robert E., assignor.)

Sturtevant, B. F., Company. (See Palmer, Robert T., assignor.)

Sturtevant Mill Company. (See Sturtevant, Thomas J., assignor.)

Sturtevant, Thomas J., Wellesley, assignor to Sturtevant Mill Company, Boston, Mass. Air separator. 2,188,634; Jan. 30.

Sturtevant, Thomas J., Wellesley, assignor to Sturtevant Mill Company, Boston, Mass. Air separator. 2,206,981; July 9.

Sturzlinger, Charles, Bronx, N. Y. Ornamental stitch sewing machine. 2,202,609; May 28.

Stüsser, Richard. (See Delfs, D., and Stüsser.)

Stüsser, Richard. (See Taube, C., Stüsser, and Müller.)

Stussi, Jacques, Chicago, Ill., and R. E. Zenner, Brookfield, Ill., assignors to Teletype Corporation, Chicago, Ill. Nongravitational governor. 2,227,112; Dec. 31.

Stute, Henry C., assignor to Gaylord Container Corporation, St. Louis, Mo. Container. 2,189,410; Feb. 6.

Stutius, Erich, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Keying arrangement for radio transmitters. 2,215,800; Sept. 24.

Stutius, Erich, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Radio transmitting arrangement. 2,217,424; Oct. 8.

Stutsman, Paul S. (See Ashburn, H. V., Conary, and Stutsman.)

Style Duplicator Corporation. (See Mestre, Luis, assignor.)

Styll, Harry H., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,211,084; Aug. 13.

Stymus, Charles, Los Angeles, Calif. Cigarette rolling device. 2,218,075; Oct. 15.

Subkow, Philip, West Los Angeles, assignor to Union Oil Company of California, Los Angeles, Calif. Reforming and polymerization of hydrocarbons. 2,201,306; May 21.

Subkow, Philip, West Los Angeles, assignor to Union Oil Company of California, Los Angeles, Calif. Electrostatic fractionator. 2,209,798; July 30.

Subkow, Philip, West Los Angeles, and L. Dillon, assignors to Union Oil Company of California, Los Angeles, Calif. Method and apparatus for logging drill holes. 2,225,668; Dec. 24.

Submarine Signal Company. (See Batchelder, Laurence, assignor.)

Submarine Signal Company. (See Chambers, L. A., and Smith, assignors.)

Submarine Signal Company. (See Dallin, Edwin B., assignor.)

Submarine Signal Company. (See Kallmeyer, Friedrich W., assignor.)

Submarine Signal Company. (See Satterlee, Howard A., assignor.)

Submarine Signal Company. (See Smith, Edward W., assignor.)

Submarine Signal Company. (See Turner, Edwin E., Jr., assignor.)

Suburban Bronze Works, Inc. (See Alexander, M., and Wiesler, assignors.)

Suchy, Robert, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Hardening steel wires. 2,204,005; June 11.
Suchy, Robert, and G. Messner, Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Electrolysis of sulphate solutions. 2,198,045; Apr. 23.
Suchy, Robert, and H. Seliger, Bitterfeld, Germany, assignors, by mesne assignments, to Magnesium Development Corporation. Production of metallic magnesium. 2,219,059; Oct. 22.
Sucro-Blanc, Inc. (See Sanchez, P., and Ehrhart, assignors.)
Sudbury, Alvin W., East Cleveland, Ohio. Sander mechanism. 2,185,234; Jan. 2.
Suddarth, Lloyd J., Wichita, Kans. Applicator. 2,187,670; Jan. 16.
Suddarth, Lloyd J., Wichita, Kans. Applicating device. 2,187,671; Jan. 16.
Suddeutsche Apparatefabrik. (See Kalbskopf, Walter, assignor.)
Suddeutsche Apparatefabrik. (See Körber, E., and Schaller, assignors.)
Süddeutsche Apparate-Fabrik G. m. b. H. (See Böhm, Helmut, assignor.)
Suddeutsche Apparate-Fabrik G. m. b. H. (See Geisler, Otmar, assignor.)
Süddeutsche Apparate Fabrik G. m. b. H. (See Geisler, O., and Kipphan, assignors.)
Suddeutsche Apparate-Fabrik G. m. b. H. (See Herrmann, Heinrich, assignor.)
Süddeutsche Apparatefabrik G. m. b. H. (See Kalbskopf, Walter, assignor.)
Sudlow, Fred E. (See Holsclaw, Neil, assignor.)
Suess, Julius C. (See Green, Martin J., assignor.)
Suffich, Cornelius M., Spring Hill, Ala. Drawing instrument. 2,212,703; Aug. 27.
Sugar, Alfred. (See Lindenberger, H., and Sugar.)
Sugar Beet Products Company. (See Conner, Michael, assignor.)
Sugar Shell Corporation. (See Yohai, R. A., and Tatosian, assignors.)
Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Electric circuit interrupting system. 2,206,709; July 2.
Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. High intensity light source. 2,208,439; July 16.
Suitt, Fred L., Durham, N. C. Flush tank valve. 2,189,479; Feb. 6.
Sukohl, Heinrich, Berlin, Germany. Coating the blades of air propellers. 2,201,706; May 21.
Sukumlyn, Thomas W., Los Angeles, Calif. Projection screen. 2,207,835; July 16.
Sukumlyn, Thomas W., Los Angeles, Calif. Lens structure. 2,216,965; Oct. 8.
Sukumlyn, Thomas W., Los Angeles, Calif. Electromagnetic lens. 2,219,405; Oct. 29.
Sullivan, Alan P. (See Morgan, J. D., and Sullivan.)
Sullivan, Alan P., Jackson Heights, N. Y., assignor to Power Patents Company, Hillside, N. J. Calorimeter. 2,197,370; Apr. 16.
Sullivan, Charles J., East Falls Church, Va., assignor to J. L. Barr, Washington, D. C. Building construction. 2,191,123; Feb. 20.
Sullivan, David J. (See Brown, F. G., and Sullivan.)
Sullivan, David J., Fairfield, Conn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Article of manufacture. 2,201,931; May 21.
Sullivan, Daniel J., Graniteville, Mass. Game. 2,205,936; June 25.
Sullivan, Frank A., Elizabeth, N. J. Manufacturing materials for purification of gases. 2,202,174; May 28.
Sullivan, Frederick W., Jr., Augusta, Mich., assignor to Standard Oil Company, Chicago, Ill. Grease. 2,211,941; Aug. 20.
Sullivan, Harry G., De Land, Fla. Display sign. 2,205,937; June 25.
Sullivan, James F., Columbus, Ohio. Weighing scale. 2,218,562; Oct. 22.
Sullivan, James J., North Sacramento, Calif. Snap retainer for pneumatic riveting hammers. 2,214,033; Sept. 10.
Sullivan, John D., and D. Niconoff, assignors to Battelle Memorial Institute, Columbus, Ohio. Treating molybdenum ores and products resulting therefrom. 2,187,468; Jan. 16.
Sullivan, John F., Oakland, Calif. Grip gauge for golf clubs. 2,198,980; Apr. 30.
Sullivan, John F., Oakland, Calif. Weight regulator for gold club heads. 2,198,981; Apr. 30.
Sullivan, Leo E., and H. W. Diehl, Iowa City, Iowa. Roofing gutter and guard therefor. 2,209,741; July 30.
Sullivan Machinery Company. (See Alexander, William M., assignor.)
Sullivan Machinery Company. (See Bartholomew, Jess M., assignor.)
Sullivan Machinery Company. (See Bartholomew, Warren F., assignor.)
Sullivan Machinery Company. (See Cornelius, Paul D., assignor.)
Sullivan Machinery Company. (See Curtis, John C., assignor.)
Sullivan Machinery Company. (See Dartnell, William W., assignor.)
Sullivan Machinery Company. (See Ferguson, Alexander D., assignor.)
Sullivan Machinery Company. (See Gartin, Elmer G., assignor.)
Sullivan Machinery Company. (See Holmes, Morris P., assignor.)
Sullivan Machinery Company. (See Jennings, Marshall E., assignor.)
Sullivan Machinery Company. (See Johansen, Harry C., assignor.)
Sullivan Machinery Company. (See Joy, Joseph F., assignor.)
Sullivan Machinery Company. (See Joy, J. F., and Baldwin, assignors.)
Sullivan Machinery Company. (See Lamberton, Ralph E., assignor.)
Sullivan Machinery Company. (See Madsen, Norman S., assignor.)
Sullivan Machinery Company. (See Nast, Paul H., assignor.)
Sullivan Machinery Company. (See Osgood, Charles F., assignor.)
Sullivan Machinery Company. (See Osgood, Robert C., assignor.)
Sullivan Machinery Company. (See Paget, Win W., assignor.)
Sullivan Machinery Company. (See Parker, Robert B., assignor.)
Sullivan Machinery Company. (See Reilly, John L., assignor.)
Sullivan Machinery Company. (See Simmons, Leon E., assignor.)
Sullivan Machinery Company. (See Sinclair, Frank E., assignor.)
Sullivan Machinery Company. (See Wineman, Wade H., assignor.)
Sullivan, Martin E., assignor of fifteen per cent to A. Garrity, and twenty-five per cent to W. Cardis, Indianapolis, Ind. Ice water beer cooler. 2,205,318; June 18.
Sullivan, Maurice M. (See Cornetto, Fred, assignor.)
Sullivan, Ray H. (See Ingersoll, R. C., and Sullivan.)
Sullivan, Richard L., assignor to American Can Company, New York, N. Y. Container. 2,186,940; Jan. 16.
Sullivan, Robert F., Dallas, Tex. Sign mounting. 2,202,237; May 28.
Sullivan, Roy W., Cragmere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making anhydrite. 2,197,953; Apr. 23.
Sullivan, Roy W., Cragmere, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing calcium sulphate-zinc sulphide pigments. 2,213,555; Sept. 3.
Sullivan, Walter G., Woodside, and J. W. Stove, Port Washington, assignors to Johns-Manville Corporation, New York, N. Y. Siding unit and assembly. 2,226,265; Dec. 24.
Sullivan, Warren L., assignor to Paragon Revolute Corporation, Rochester, N. Y. Blue print machine. 2,185,529; Jan. 2.
Sullivan, Warren L., assignor to Paragon Revolute Corporation, Rochester, N. Y. Blue print machine and variable speed transmission therefor. 2,185,530; Jan. 2.
Sullivan, William L. (See Porter, T. R., and Sullivan.)
Sullivan, Woodruff T., Norwich, Conn. Weft tension and loom stopping device. 2,202,323; May 28.
Sulser Frères Société Anonyme. (See Schläpfer, Oscar, assignor.)
Sultan, Joseph, Mount Vernon, N. Y. Yarn. 2,186,396; Jan. 9.
Sultzaberger, James A. (See Scott, A. B., Gruhzit, and Sultzaberger.)
Sulzer Frères, Société Anonyme. (See Byland, Hans, assignor.)
Sulzer Freres, Societe Anonyme. (See Egloff, Hans C., assignor.)
Sulzer Frères, Societe Anonyme. (See Heinzelmann, Hans, assignor.)
Sulzer Freres, Societe Anonyme. (See Juzi, Viktor, assignor.)
Sulzer Frères, Société Anonyme. (See Landolt, Rodolphe, assignor.)
Sulzer Freres, Societe Anonyme. (See Lieberherr, Hans, assignor.)
Sulzer Frères, Société Anonyme. (See Retschy, Curt, assignor.)
Sulzer Freres, Societe Anonyme. (See Tobler, Werner, assignor.)
Sulzman, Edmund C., Caldwell, N. J., assignor to Wright Aeronautical Corporation. Automatic carburetor deicing system. 2,208,689; July 23.
Suman, Robert W., and E. W. Schmidt, assignors to Link-Belt Company, Chicago, Ill. Air control for stokers and the like. 2,200,660; May 14.
Sumitomo Kinzoku-Kogyo Kabushiki Kaisha. (See Igarashi, I., and Higashio, assignors.)
Sumkowski, Alphons J. (See Campbell, Albert B., assignor.)
Summer, Albert G. (See Hill, L. R., and Summer.)
Summerbell, Grace, Hollywood, Calif. Dental floss holder. 2,207,953; July 16.

Summerbell, William, Watervliet, N. Y., assignor to Government or the United States of America, as represented by The Secretary of War and his successors in office. Breechblock operating mechanism. 2,216,860; Oct. 8.
Summers, Albert E., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Device for gauging and adjusting springs. 2,200,348; May 14.
Summers, John W. (See Beasley, W. J., and Summers.)
Summers, Omar, Seattle, Wash. Improved tie strap. 2,214,388; Sept. 10.
Summers, Otto M., assignor to General Motors Corporation, Dayton, Ohio. Forming restrictors. 2,225,513; Dec. 17.
Summers, Ralph H., and C. Colvin, assignors to Geo. M. and Earl Holley Engineering, Detroit, Mich. Ignition governor. 2,192,957; Mar. 12.
Summerson, William H., Jackson Heights, N. Y. Colorimeter. 2,193,437; Mar. 12.
Summy, Charles E., Paullina, Iowa. Skeleton form frame for sprue formers. 2,219,640; Oct. 29.
Summy, Paul. (See Zimmerman, Oscar, assignor.)
Sumpter, Earl, et al. (See Bowles, Carl E., assignor.)
Sumner, Cyril G. (See Clayton, W., Johnson, and Sumner.)
Sumner, Cyril G., assignor to Crosse & Blackwell Limited, London, England. Treating tin-plate containers. 2,215,165; Sept. 17.
Sumner, Cyril G., R. I. Johnson and W. Clayton, assignors to Crosse & Blackwell Limited, London, England. Coating metal for foodstuff containers. 2,215,166; Sept. 17.
Sumner, Cyril G., R. I. Johnson and W. Clayton, assignors to Crosse & Blackwell Limited, London, England. Protecting metal surfaces by electrodeposition. 2,215,167; Sept. 17.
Sumner, John S., assignor of one-third to L. H. McEwen and one-third to I. O. Engelbretson, Minneapolis, Minn. Musical instrument. 2,194,332; Mar. 19.
Sumner, Thomas, Salt Lake City, Utah. Electrical light socket connection. 2,192,943; Mar. 12.
Sun Oil Company. (See Anderson, John F., assignor.)
Sun Oil Company. (See Barton, Paul D., assignor.)
Sun Oil Company. (See Bruun, Johannes H., assignor.)
Sun Oil Company. (See Jolly, Samuel E., assignor.)
Sun Oil Company. (See Jolly, S. E., and McKee, assignors.)
Sun Oil Company. (See Jolly, S. E., and Perrine, assignors.)
Sun Oil Company. (See Padgett, Frederick W., assignor.)
Sun Oil Company. (See Stearns, Walter V., assignor.)
Sun Oil Company. (See Tarbox, L. A., and Barcus, assignors.)
Sun Rubber Company, The. (See Rempel, Dietrich G., assignor.)
Sun Shipbuilding & Dry Dock Company. (See Maxwell, Frank R., assignor.)
Sun Tube Corporation, The. (See Friden, John H., assignor.)
Sun Tube Corporation, The. (See Martina, Joseph D., assignor.)
Sund, Alfred D., Santa Rosa, Calif. Animal trap. 2,190,089; Feb. 13.
Sund, Alfred D., Santa Rosa, Calif. Animal trap. 2,224,616; Dec. 10.
Sundback, Gideon, assignor to Talon, Inc., Meadville, Pa. Making end stops for slide fasteners. 2,186,774; Jan. 9.
Sundback, Gideon, assignor to Talon, Inc., Meadville, Pa. Making slide fastener stringers. 2,190,628; Feb. 13.
Sundback, Gideon, assignor to Talon, Inc., Meadville, Pa. Slider for slide fasteners. 2,215,745; Sept. 24.
Sundback, Gideon, assignor to Talon, Inc., Meadville, Pa. Slider for slide fasteners. 2,215,746; Sept. 24.
Sundee, John R., assignor to Buffalo Jewelry Case Co., Inc., Buffalo, N. Y. Jewelry display box. 2,219,212; Oct. 22.
Sundell, Godfrey E., Ridgway, Pa. Spring hinge. 2,207,836; July 16.
Sunderhauf, Frederick A., Rutherford N. J., assignor to Reynolds Metals Company, Richmond, Va. Illuminated display. 2,195,977; Apr. 2.
Sunderland, Alfred E., Asheville, assignor to American Enka Corporation, Enka, N. C. Device for use in twisting threads. 2,189,257; Feb. 6.
Sunderland, Samuel H. (See Bigg, H. T., and Sunderland.)
Sundholm, Edwin P., Albert City, Iowa. Dispensing device for filling grease guns and the like. 2,214,779; Sept. 17.
Sundholm, Edwin P., Albert City, Iowa. Grease gun. 2,218,363; Oct. 15.
Sundstrand Machine Tool Co. (See Granberg, Bengt R., assignor.)
Sundstrand Machine Tool Co. (See Granberg, B. R., and Ericson, assignors.)
Sundstrand, Oscar J., Rockford, Ill., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Computing and printing machine. 2,194,270; Mar. 19.
Sundstrand, Oscar J., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Accounting machine. 2,209,240; July 23.
Sundstrand, Oscar J., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Carriage return mechanism for computing and printing machines. 2,216,634; Oct. 1.
Sundstrand, Oscar J., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Record making machine. 2,220,030; Oct. 29.
Sundstrom, Herman T., and C. A. Stopple, Houston, Tex., assignors to Mergenthaler Linotype Company. Slug casting machine. 2,188,988; Feb. 6.
Sundt, Edward V., Chicago, Ill. Fuse post. 2,207,837; July 16.
Sundt, Edward V., Chicago, Ill. Electric fuse. 2,225,287; Dec. 17.
Sunlite Mfg. Company, The. (See Smith, A. T., and Schultz, assignors.)
Sunnen, Joseph, Ladue Village, Mo. Safety wrench. 2,205,501; June 25.
Sunnen, Joseph, Clayton, Mo. Piston expander. 2,214,940; Sept. 17.
Sunshine Foods Inc. (See McKinnis, Ronald B., assignor.)
Sunshine, Leon, San Francisco, and J. Joyslen, Oakland, Calif. Combined wire cutter and bender. 2,212,888; Aug. 27.
Super Diesel Tractor Corporation. (See Scott, Philip L., assignor.)
Superheater Company, The. (See Armacost, Wilbur H., assignor.)
Superheater Company, The. (See Droth, Alfred, assignor.)
Superheater Company, The. (See Magis, Auguste A. G., assignor.)
Superheater Company, The. (See Melhuish, Harold, assignor.)
Superheater Company, The. (See Pickstone, Montague T., assignor.)
Superheater Company, The. (See Rawson, Emanuel, assignor.)
Superheater Company, The. (See Williams, Arthur, assignor.)
Superheater Company, The. (See Wynn, Sydney P., assignor.)
Super-Seal Vacuum Glass Container Corporation. (See Glocker, Gustave, assignor.)
Superior Body Company. (See Krogh, Peter O., assignor.)
Superior Concrete Accessories, Inc. (See Hillberg, Bror, assignor.)
Superior Fastener Corporation. (See Jorgensen, Clarence W., assignor.)
Superior Funeral Supply Company, The. (See Lange, Morris, assignor.)
Superior Funeral Supply Company, The. (See Walter, V. F., and Lange, assignors.)
Superior Manufacturing Company. (See McGill, James R., assignor.)
Superior Manufacturing Company. (See Ryan, George E., assignor.)
Superior Oil Company, The. (See Nomann, Arthur B., assignor.)
Superior Paper Products Company. (See Bohnke, Herman C., assignor.)
Superior Parts Company. (See La Vasseur, Roy, assignor.)
Superior Parts Manufacturing Company. (See Reis, Curt F., assignor.)
Superior Sleeprite Corporation. (See Bowersox, Joseph W., assignor.)
Superior Sleeprite Corporation. (See Wallen, Frank, assignor.)
Superior Tube Company. (See Boughter, William H., assignor.)
Superior Valve & Fittings Company. (See Newcum, Kenneth M., assignor.)
Super Mold Corporation of California. (See Glynn, Edwin A., assignor.)
Suplan Silk Corporation. (See Geier, E. C., and Haesler, assignors.)
Suppiger, Gerhart S., Belleville, Ill. Tablet depositing machine. 2,198,137; Apr. 23.
Supplee, George C. (See Ansbacher, S., Flanigan, and Supplee.)
Supplee, George C., Bainbridge, assignor to The Borden Company, New York, N. Y. Producing vitamin D product. 2,194,188; Mar. 19.
Supplee, George C., Bainbridge, N. Y., and M. J. Dorcas, Berea, Ohio, assignors of one-half to The Borden Company, and one-half to National Carbon Company, Inc. Apparatus for irradiation. 2,195,322; Mar. 26.
Supplee, George C., Bainbridge, N. Y., and M. J. Dorcas, Berea, Ohio, assignors of one-half to The Borden Company, and one-half to National Carbon Company, Inc. Method of and apparatus for irradiating liquids. 2,202,610; May 28.
Supplee, George C., Bainbridge, N. Y., and M. J. Dorcas, Berea, Ohio, assignors of one-half to The Borden Company, and one-half to National Carbon Company, Inc. Irradiating liquids. 2,202,611; May 28.
Supreme Instruments Corporation. (See Archer, Garland W., assignor.)
Supreme Knitting Machine Co. (See Agulnek, Harry, assignor.)
Supreme Knitting Machine Co. (See Agulnek, H., and Mishcon.)
Supreme Knitting Machine Co. (See Dupuis, Clyde.)

Suprenant, Gerald H., C. Gillean, and J. Loprich; said Gillean and said Suprenant assignors to said Loprich, Los Angeles, Calif. Bottle breaker. 2,194,957; Mar. 26.
Surbeck, Leighton H., New York, N. Y. Apparatus for forming three dimensional images. 2,189,374: Feb. 6.
Surdenik, Nicholas, Perrington, Mich. Sanitary toothpick dispenser. 2,188,304; Jan. 30.
Surdi, Frederico. (See Taglio, Emilio, assignor.)
Surdy, Charles J., Tuchahoe, N. Y., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 2,189,718; Feb. 6.
Surdy, Charles J., Tuckahoe, N. Y., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 2,219,083; Oct. 22.
Surdy, Charles J., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 2,224,402: Dec. 10.
Sure-fit Products Company. (See Krasnov, Joseph A., assignor.)
Surface Combustion Corporation. (See Beggs, Don, assignor.)
Surface Combustion Corporation. (See Comstock, John A., assignor.)
Surface Combustion Corporation. (See Cowan, Roysel J., assignor.)
Surface Combustion Corporation. (See Hepburn, William M., assignor.)
Surface Combustion Corporation. (See Widner, Franklin D., assignor.)
Surface-Proofing Products, Inc. (See Isenberg, David, assignor.)
Surico, Carmine, Brooklyn, N. Y. Extrusion press and plastic substance compounder therefor. 2,223,079; Nov. 26.
Surprenant, Leonard C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Sound deadener. 2,196,615; Apr. 9.
Süs, Oskar. (See Neugebauer, W., and Süs.)
Süs, Oskar. (See Schmidt, M. P., and Süs.)
Süs, Oskar. (See Zahn, R., Süs, and Franke.)
Süs, Oskar, assignor to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Preparing photographic prints. 2,217,189; Oct. 8.
Süss, Heinrich, assignor to Rheinmetall-Borsig Aktiengesellschaft Werk Borsig Berlin-Tegel, Berlin-Tegel, Germany. Chilling apparatus. 2,215,277; Sept. 17.
Süss, Heinrich, Berlin-Tegel, assignor, by mesne assignments, to Maschinen-und Metallwaren-Handelsgesellschaft m. b. H., Berlin, Germany. Apparatus for continuous extraction of oil from seed. 2,223,747; Dec. 3.
Süsser, Hans, Morovska Ostrava, Czechoslovakia. Safety lock. 2,221,664; Nov. 12.
Sussin, Max H. (See Mastney, E. J., and Sussin.)
Sussin, Victor. (See Stephens, G. H., and Sussin.)
Süsskind, Albert, Berlin-Wilmersdorf, Germany. Apparatus for attaching slide fastener locking members to flexible tapes. 2,203,448; June 4.
Süsskind, Albert, Berlin, Germany. Endpiece for stringers of separable fasteners. 2,217,571; Oct. 8.
Sussman, Philip. (See Barlow, S. D., and Sussman.)
Sussman, Samuel, and G. F. Bosse, Baltimore, Md. Cutting attachment for sewing machines. 2,192,292; Mar. 5.
Sussman, Wormser, & Co. (See Beede, S. M., Jr., and Kilburg, assignors.)
Sutcliffe, Edgar R., Lowton, Newton-le-Willows, England. Web-turner bar for printing machines and for like purposes. 2,195,319; Mar. 26.
Suter, Eugene F., New York, N. Y., and C. Kropacsy, London, England, assignors to Eugene, Ltd., New York, N. Y. Permanent waving. 2,201,458; May 21.
Suter, Frank J., Baltimore, Md. Self-locking clothesline pulley. 2,194,679; Mar. 26.
Suter, John H., Sierra Madre, Calif. Hydraulic pump jack. 2,185,448; Jan. 2.
Suthard, James G., Chicago, Ill. Emulsion breaking reagent and preparing the same. 2,206,062; July 2.
Sutherland, Alexander K., assignor to Moe-Bridges Corporation, Milwaukee, Wis. Mounting for electric fixtures. 2,209,008; July 23.
Sutherland, Arthur D., assignor to Pressed Steel Company Limited, Cowley, Oxford, England. Lock. 2,210,989; Aug. 13.
Sutherland, Carl H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Brushholder mounting. 2,209,361; July 30.
Sutherland, Carl H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. End-bell cover for dynamo-electric machines. 2,209,362; July 30.
Sutherland, Carl H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ventilation system. 2,209,363; July 30.
Sutherland, Holton M., Swampscott, assignor to Boston Machine Works Company, Lynn, Mass. Plaiting machine. 2,225,466; Dec. 17.
Sutherland, Leslie T., Yonkers, assignor to The Barrett Company, New York, N. Y. Resin-impregnated sheet material and producing the same. 2,224,992; Dec. 17.
Sutherland Paper Company. (See Annen, James E., assignor.)
Sutherland, Robert E. (See Shanley, W. B., and Sutherland.)
Sutherlin, Jack, Great Bend, Kans., and F. I. McConnell, Midland, Tex., assignors to The Dow Chemical Company, Midland, Mich. Treatment of wells. 2,215,487; Sept. 24.
Sutherlin, Lee, Caldwell, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Tube for measuring voltages. 2,189,620; Feb. 6.
Sutherlin, Lee, Caldwell, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Mounting and flashing getter. 2,222,005; Nov. 19.
Sutliff, Carleton B., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ground potential compensator. 2,188,164; Jan. 23.
Sutter, Frederic E., West Caldwell, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Annealing mandrelles coils. 2,197,533; Apr. 16.
Sutter, Samuel, assignor to Hugh H. Eby, Inc., Philadelphia, Pa. Connector device. 2,191,871; Feb. 27.
Sutter, Samuel, Philadelphia, Pa., assignor to Hugh H. Eby, Inc. Connector device. 2,206,736; July 2.
Sutterfield, Noel H. (See Wilson, J. A., and Sutterfield.)
Sutton, Gerald J., London, England, assignor, by mesne assignments, to The Stanley Works, New Britain, Conn. Band strapping machine. 2,210,510; Aug. 6.
Sutton, Harry G., Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Pressing machine. 2,198,419; Apr. 23.
Sutton, Henry M., and E. G. Steele, Dallas, Tex. Apparatus for the electrostatic separation of particles having different electrical susceptibilities. 2,187,637; Jan. 16.
Sutton, Hubert, and L. F. Le Brocq, South Farnborough, England. Protection of magnesium and magnesium alloys. 2,224,528; Dec. 10.
Sutton, Joseph B., Bellemoor, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pigment substance and producing the same. 2,226,147; Dec. 24.
Sutton, Rufus C. (See Stolp, S. S., and Sutton.)
Sutton, Simon M., Haynesville, La. Holder for medicinal charts. 2,198,138; Apr. 23.
Sutton, Walter C., Shaker Heights, assignor to The Lindsay Wire Weaving Company, Cleveland, Ohio. Apparatus for forming a woven wire belt. 2,221,696; Nov. 12.
Sutton, William H., Atlantic, Iowa. Folding table. 2,217,031; Oct. 8.
Suydam, Clinton H., Verona, assignor to Federal Telegraph Company, Newark, N. J. Electron discharge tube water jacket. 2.186.563; Jan. 9.
Suydam, M. B., Company. (See Rimmel, Roy A., assignor.
Suzuki, Tomiji, IbarakiKen, assignor to The Nippon Kogyo Kabushiki Kaisha, Shibaku, Tokyo, Japan. Stoper with attaching device for rock drills. 2,224,661; Dec. 10.
Svab, Edward F., Hudson, Ohio. Cylinder wall reboring tool. 2,223,582; Dec. 3.
Svadling, Johan B., Stockholm, Sweden. Whip-stitching attachment for sewing machines. 2,197,597; Apr. 16.
Svendsgaard, John A. (See Oyen, J. M. F., and Svendsgaard.)
Svenska Ackumulator Aktiebolaget Junger. (See Lindblom, Carl G. S., assignor.)
Svenska Aktiebolaget Bromsregulator. (See Browall, Bert H., assignor.)
Svenska Aktiebolaget Bromsregulator. (See Browall, B. H., and Scheib, assignors.)
Svenska Aktiebolaget Bromsregulator. (See Carlbom, Axel G. H., assignor.)
Svenska Aktiebolaget Bromsregulator. (See Malmquist, Nils G. A., assignor.)
Svenska Aktiebolaget Gasaccumulator. (See Anderson, Emil E. W., assignor.)
Svenska Aktiebolaget Gasaccumulator. (See Astradsson, Per A., assignor.)
Svenska Aktiebolaget Gasaccumulator. (See Dalén, G., and Björklund, assignors.)
Svenska Aktiebolaget Gasaccumulator. (See Ganner, Gunnar, assignor.)
Svenska Mjolkprodukter Aktiebolag. (See Kronberg, Ninni M., assignor.)
Svenson, Ernest J., Rockford, assignor to Petrolator Corporation, Chicago, Ill. Computing dispensing device. 2,188,848; Jan. 30.
Svenson, Ernest J., Rockford, assignor to Petrolator Corporation, Chicago, Ill. Computing dispensing device. 2,188,849; Jan. 30.
Svenson, Ernest J., Rockford, Ill. Material working apparatus and control therefor. 2,215,257; Sept. 17.
Svenson, Ernest J., Rockford, Ill. Plunger pump. 2,215,488; Sept. 24.
Svenson, Hilding, Hagalund, assignor to Aktiebolaget Vibro-Betong, Stockholm, Sweden. Vibrating device. 2,194,410: Mar. 19.
Svensson, Ernst S., assignor to The Kron Company, Bridgeport, Conn. Recording apparatus. 2,198,139; Apr. 23.
Sverdahl, Iver, Waterloo, Iowa. Screed. 2,197,278; Apr. 16.
Svoboda, Edward J., Berwyn, Ill., assignor to International Harvester Company. Covered roller. 2,214,841; Sept. 17.

Svoboda, Frank J., Verdigre, Nebr., assignor to The Griswold Manufacturing Company, Erie, Pa. Pipe perforating device. 2,216,302; Oct. 1.
Svrlinga, Paul, Jr., Chicago, Ill. Shoe. 2,205,753; June 25.
Swab, Jay G., Freeport, assignor to Tension Envelope Corporation, Brooklyn, N. Y. Expansion envelope. 2,188,730; Jan. 30.
Swab, Jay G., Baldwin, assignor to The Fred Goat Co. Inc., Brooklyn, N. Y. Coating machine. 2,195,101; Mar. 26.
Swabacker, John E. B., assignor to Hospital Liquids, Inc., Chicago, Ill. Blood transfusion device. 2,226,538; Dec. 31.
Swably, Roy J., Tiffin, Ohio. Clothes rack. 2,198,584; Apr. 23.
Swafford, Carl R., Charlotte, N. C., assignor to Old Dominion Box Company, Lynchburg, Va. Method and apparatus for making collapsible boxes. 2,198,094; Apr. 23.
Swafford, Jon L., Batesville, Ark. Under water cutting torch. 2,210,640; Aug. 6.
Swahnberg, Gunnar, assignor to Kingsbury Machine Tool Corporation, Keene, N. H. Sliding adapter plate for metalworking machines. 2,219,717; Oct. 29.
Swain, Earl H., New Hartford, assignor to Utica Willowvale Bleaching Company, Utica, N. Y. Method and apparatus for correcting bow in woven material. 2,219,213; Oct. 22.
Swain, Joseph G., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Duel rim mounting. 2,188,271; Jan. 23.
Swain, Robert C. (See Hill, W. H., Swain, and Paden.)
Swain, Robert C., Riverside, and D. W. Light, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Bonded abrasive. 2,215,380; Sept. 17.
Swain, Roger L., Danville, Va. Smoking tobacco. 2,207,644; July 9.
Swaine, James W., Bayside, assignor to General Chemical Company, New York, N. Y. Organic insecticide and its use. 2,212,529; Aug. 27.
Swalinkavich, Joseph E., Jr. (See Hilger, W. P., McFadden, and Swalinkavich.)
Swallen, Lloyd C., Pekin, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Treatment of zein solutions. 2,206,310; July 2.
Swallen, Lloyd C., Pekin, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Stabilization of a zein solution by clarification. 2,221,560; Nov. 12.
Swallen, Lloyd C., Argo, Ill., assignor to Corn Products Refining Company, New York, N. Y. Stabilization of a zein solution by clarification. 2,221,561; Nov. 12.
Swalley, William C., and A. J. Lichtinger, assignors to The Dialite Company, Cleveland, Ohio. Illuminating device for telephones. 2,217,242; Oct. 8.
Swallow, Charles E., Worcester, Mass. Oil burner. 2,206,241; July 2.
Swallow, Francis P., and F. C. Smith, Worcester, assignors to United States Envelope Company, Springfield, Mass. Method of and apparatus for producing paper cups. 2,216,331; Oct. 1.
Swallow, John C., Northwich, and M. W. Perrin, London, England, assignors to Imperial Chemical Industries Limited. Manufacture of electric cables. 2,204,737; June 18.
Swallow, W. A. (See Joss, Douglas N., assignor.)
Swallow, William, Headington, Oxford, assignor to The Pressed Steel Company of Great Britain Limited, Oxford, England. Vehicle. 2,190,551; Feb. 13.
Swallow, William, Headington, Oxford, England. Striker plate for door locks. 2,208,610; July 23.
Swan, Carl W. (See Krum, H. L., and Swan.)
Swan, Donald R. (See Smith, H. B., and Swan.)
Swan, Donald R., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resins. 2,213,750; Sept. 3.
Swan, Donald R., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheet containing benzyl maleate. 2,213,751; Sept. 3.
Swan, Donald R., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheets containing a tetrahydrofurfuryl ester of phthalic acid. 2,213,752; Sept. 3.
Swan, Donald R., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin compositions containing butoxyethyl butoxyacetate. 2,221,032; Nov. 12.
Swan, Donald R., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheets containing di-isoamyl sulphone. 2,221,033; Nov. 12.
Swan, Donald R., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheets containing amyl succinate. 2,221,034; Nov. 12.
Swan, Donald R., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheets containing a dialkyl maleate. 2,221,035; Nov. 12.
Swan, Donald R., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheet containing ethoxyethyl maleate. 2,221,036; Nov. 12.
Swan, Harry L., Lake Village, Ark. Resuscitator. 2,204,738; June 18.
Swan, Jesse R., Jr., Pasadena, Calif. Friction ignition. 2,217,713; Oct. 15.
Swan, John C. K., and H. B. Roy, Hove, England; C. M. Roy, executrix of estate of said H. B. Roy, deceased. Selecting mechanism. 2,192,779; Mar. 5.
Swan, Thomas H., Troy, and H. C. Donaldson, Jr., Brunswick, assignors to Cluett, Peabody & Co., Inc., Troy, N. Y. Fused collar. 2,218,387; Oct. 15.
Swan, Willis A., assignor to A. A. Johnson, Bridgeport, Conn. Vehicle rocking device. 2,188,763; Jan. 30.
Swaney, Miller W. (See Ellis, C., and Swaney.)
Swaney, Miller W. (See Shreve, R. N., and Swaney.)
Swaney, Miller W., Bloomfield, N. J., assignor to Ellis Laboratories, Inc. Hydroculture plant box. 2,189,510; Feb. 6.
Swank, Arthur L., Detroit, Mich., deceased; N. L. Swank, special administratrix, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Closure device for sealed cooling system. 2,203,801; June 11.
Swank, Nellie L., administratrix. (See Swank, Arthur L., assignor.)
Swann, James S., Chicago, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Refrigerator car ice grate. 2,192,564; Mar. 5.
Swann, Samuel D. (See Loose, C. E., and Swann.)
Swann, Theodore. (See Le Maistre, J. W., Strickland, and Weaver, assignors.)
Swansen, Frederick M., Chicago, Ill. Tunneling machine. 2,226,643; Dec. 31.
Swanson, Alfred, Los Angeles, Calif. Hydraulic checking mechanism. 2,202,303; May 28.
Swanson, Alvern R., Los Angeles, Calif. Spool construction. 2,212,309; Aug. 20.
Swanson, Arthur, Pampa, Tex., assignor to Cabot Shops, Inc., Boston, Mass. Counterweight. 2,213,598; Sept. 3.
Swanson, Bernard A., Port Angeles, Wash. Two-cycle combustion engine. 2,213,418; Sept. 3.
Swanson, Bernard A., Port Angeles, Wash. Two-cycle Diesel engine. 2,221,156; Nov. 12.
Swanson, Carl E., St. Paul, Minn. Ignition distribution system. 2,213,478; Sept. 3.
Swanson, Earl R., Chicago, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Hatch closure. 2,204,328; June 11.
Swanson, Edwin. (See Overguard, Christian A., assignor.)
Swanson, Edwin C. (See Abramson, J. H., and Swanson.)
Swanson, Edwin L., Dines, Wyo. Adjustable angle conveyer section. 2,214,313; Sept. 10.
Swanson, Edwin W., Hopkins, assignor to Electric Machinery Mfg. Company, Minneapolis, Minn. Voltage regulator. 2,226,644; Dec. 31.
Swanson, Ernest R., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Traverse mechanism for winding machines. 2,217,146; Oct. 8.
Swanson, Frank A., Fanwood, N. J. Signal device. 2,220,979; Nov. 12.
Swanson, Fred R., Rockford, assignor to Thermek Corporation, Chicago, Ill. Machine for raising spines. 2,219,343; Oct. 29.
Swanson, Gunnard E., New Britain, Conn. Cylinder lock. 2,206,539; July 2.
Swanson, Harold, Cleveland, Ohio. Pin-head electric lamp and method of manufacture. 2,222,093; Nov. 19.
Swanson, J. W. (See Buckley, Duer H., assignor.)
Swanson, John, Chicago, Ill. Exercising device. 2,223,309; Nov. 26.
Swanson, Kenneth P., Rockport, assignor, by mesne assignments, to Birdseye Electric Corporation, Gloucester, Mass. Electric lamp. 2,193,572; Mar. 12.
Swanson, Nels H., Chicago, Ill. Coin purse. 2,185,359; Jan. 2.
Swanson, Nels H., Chicago, Ill. Puzzle. 2,198,444; Apr. 23.
Swanson, Nels H., Chicago, Ill. Key case pivot. 2,210,048; Aug. 6.
Swanson, Nels H., Chicago, Ill. Slide fastener attaching device. 2,219,202; Oct. 22.
Swanson, Olof W., Chicago, Ill. Flange oiler. 2,203,112; June 4.
Swanson, Oscar A., Pacific Palisades, Calif. Retractable landing gear. 2,185,235; Jan. 2.
Swanson, Oscar W., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Calculating machine keyboard. 2,204,239; June 11.
Swanson, Rudolph E., East Providence, R. I., assignor to Inlaid Optical Corporation. Hair curler. 2,213,231; Sept. 3.
Swanson, Swaney W., Rapid City, S. Dak. Receptacle rack or stand. 2,205,319; June 18.
Swanson, Walter H., Menasha, L. Lang, Kimberly, and D. C. Porter, Appleton, assignors to Paper Patents Company, Neenah, Wis. Production of acid for sulphite pulping process. 2,188,321; Jan. 30.
Swanson, Ziegner, De Kalb, Ill. Musical instrument for playing bugle calls. 2,209,427; July 30.
Swanstrom, Carl A., Maplewood, assignor to Elastic Stop Nut Corporation, Elizabeth, N. J. Self-locking nut and manufacture thereof. 2,217,714; Oct. 15.
Swanstrom, Carl A., Maplewood, assignor to Elastic Stop-Nut Corporation, Elizabeth, N. J. Apparatus for manufacture of self-locking nuts. 2,217,715; Oct. 15.

Swarbrick, John, Nokomis, Ill. Variable coil. 2,223,080; Nov. 26.
Swarr, Howard G. (See Clark, R. R., and Swarr.)
Swart, Kenneth H., assignor to Security Engineering Co., Inc., Whittier, Calif. Back pressure valve. 2,191,778; Feb. 27.
Swart, Leland K. (See Honaman, R. K., and Swart.)
Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Gas tube circuit. 2,190,552; Feb. 13.
Swart, Leland K., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Protective device for electrical instruments. 2,218,629; Oct. 22.
Swart, Richard H., assignor to General Refrigeration Corporation, Beloit, Wis. Apparatus for conditioning air. 2,188,967; Feb. 6.
Swart, Richard H., assignor to General Refrigeration Corporation, Beloit, Wis. Refrigerating apparatus. 2,220,831; Nov. 5.
Swarthe, Louis L., et al., trustees. (See Deuel, Clyde, assignor.)
Swarthout, Gerald F., assignor to Electric Tamper & Equipment Company, Ludington, Mich. Apparatus for placing concrete or other materials. 2,215,888; Sept. 24.
Swartout, Clotilde. (See Kann, Sydney, assignor.)
Swartout, Stanley H., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Motor control system. 2,199,600; May 7.
Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,185,757; Jan. 2.
Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,206,135; July 2.
Swartwood, Kenneth, and A. Engelstein, assignors to Universal Oil Products Company, Chicago, Ill. Distillation and conversion of hydrocarbon oils. 2,219,536; Oct. 29.
Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,220,691; Nov. 5.
Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,223,192; Nov. 26.
Swartz, Alexander G. (See Rose, H. R., and Swartz.)
Swartz, Carl E., Cleveland Heights, and E. J. Dockstetter, East Cleveland, assignors to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Bonding dissimilar metals. 2,191,598; Feb. 27.
Swartz, Carl E., Cleveland Heights, and D. L. V. Schwartz, assignors to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Tin coating process. 2,215,278; Sept. 17.
Swartz, Keith T., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Preparing French fried potatoes. 2,212,461; Aug. 20.
Swartz, Paul, Mamaroneck, N. Y. Pulverizing mill. 2,204,057; June 11.
Swartzbaugh Manufacturing Company, The. (See Hammell, Kemper M., assignor.)
Swaysland, William, Cleveland, Ohio. Method and article for producing shaded designs. 2,197,015; Apr. 16.
Sweatt, Robert C., Vancouver, British Columbia, Canada. Toothbrush. 2,221,363; Nov. 12.
Swebilius, Carl G., Hamden, Conn., assignor, by mesne assignments, to Western Cartridge Company. Tubular magazine firearm. 2,203,035; June 4.
Swebilius, Carl G., assignor, by mesne assignments, to Western Cartridge Company, Hamden, Conn. Bolt-action firearm. 2,214,071; Sept. 10.
Swedman, Enoch. (See Stifter, L., and Swedman.)
Swedman, Enoch, assignor to Seeger Refrigerator Company, St. Paul, Minn. Corner finishing member. 2,214,187; Sept. 10.
Swedman, Enoch, assignor to Seeger Refrigerator Company, St. Paul, Minn. Flush type refrigerator door and corner molding construction. 2,215,889; Sept. 24.
Sweedler, Benjamin, Larchmont, assignor, by mesne assignments, to The Patent and Licensing Corporation, New York, N. Y. Producing thick butt shingles and such shingles. 2,198,095; Apr. 23.
Sweek, Alexander. (See Wiglesworth, Victor T., assignor.)
Sweeley, Edward A., Alexandria, Va., assignor to Fruit Growers Express Company. Heating apparatus. 2,211,631; Aug. 13.
Sweeney, Floyd D., Fresno, Calif. Faceplate. 2,220,133; Nov. 5.
Sweeney, Harry A., assignor to National Copper Paint Corporation, Chicago, Ill. Protective paint. 2,196,232; Apr. 9.
Sweeney, J. Lee, and H. Bates, assignor to Bates Laboratories, Inc., New York, N. Y. Typewriter. 2,186,048; Jan. 9.
Sweeney, James A., Providence, R. I., assignor to Universal Optical Corporation. Spectacle mounting. Re. 21,574; Sept. 17.
Sweeney, James A., Providence, R. I., assignor to Universal Optical Corporation. Spectacle mounting. 2,194,776; Mar. 26.
Sweeney, John D. (See Maude, A. H., and Sweeney.)
Sweeney, Joseph L. (See Bates, H., and Sweeney.)
Sweeney, Joseph L., New York, N. Y. Typewriter. 2,209,616; July 30.
Sweeney, William J. (See Murphree, E. V., and Sweeney.)
Sweeney, William J., and J. A. Tilton, Baton Rouge, La., assignors to Standard-I. G. Company. Cleaning composition and cleaning internal combustion engines. 2,195,843; Apr. 2.
Sweeney, William J., Westfield, and E. L. Baldeschwieler, Cranford, N. J., assignors to Standard Oil Development Company. Corrosion inhibitor. 2,205,754; June 25.
Sweeny, Charles P., assignor to Vickers, Incorporated, Detroit, Mich. Electric motor. 2,190,223; Feb. 13.
Sweeny, Charles P., assignor to Vickers, Incorporated, Detroit, Mich. Motor control system. 2,209,364; July 30.
Sweeny, Charles P., assignor to Vickers, Incorporated, Detroit, Mich. Motor system. 2,225,935; Dec. 24.
Sweeper-Vac Company, The. (See Baxter, William L., assignor.)
Sweet, Arthur J., New York, N. Y. Portable lamp. 2,198,096; Apr. 23.
Sweet, Arthur J., New York, N. Y. Lamp. 2,198,097; Apr. 23.
Sweet, Carl C., Milwaukee, Wis., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Printing plate clamp. 2,224,555; Dec. 10.
Sweet, Cecil H., Huntington Park, and L. S. Chambers, Los Angeles, Calif. Orienting core barrel. 2,197,062; Apr. 16.
Sweet, Charles F., Jr., assignor to Schutte & Koerting Company, Philadelphia, Pa. Steam jet exhauster. 2,223,242; Nov. 26.
Sweet, Floyd J., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Variable speed transmission. 2,223,135; Nov. 26.
Sweet, Lois. (See Sweet, Louise and Lois.)
Sweet, Louise, and L. Sweet, Chicago, Ill. Umbrella. 2,213,058; Aug. 27.
Sweet, William R., Mansfield, and L. R. Higgins, Plainville, Mass., assisgnors to Whiting & Davis Company. Mesh material. 2,214,842; Sept. 17.
Sweetland. Ernest J., Piedmont, Calif. Implement handle. 2,205,769; June 25.
Sweetland, Ernest J., Piedmont, Calif. Discharging oil from internal combustion engines. 2,216,360; Oct. 1.
Sweetland, Ernest J., Piedmont, Calif. Parking control means. 2,217,776; Oct. 15.
Sweets Laboratories, Inc. (See Barker, John O., assignor.)
Sweitzer, Charles W., Shawnee, Okla. Liquid dispensing apparatus. 2,187,868; Jan. 23.
Swem, Harry A., New Gulf, Tex., assignor to Texas Gulf Sulphur Company. Brazing or soldering a wire screen to a metal frame. 2,199,212; Apr. 30.
Swenarton, Waitstill H., Montclair, N. J. Manufacture of nonreusable bottle seal. 2,206,063; July 2.
Sweney, Harry C., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Apparatus for manufacture of smokeless powder. 2,210,104; Aug. 6.
Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Multiple clutch automatic transmission. 2,189,537; Feb. 6
Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Fluid clutch automatic transmission. 2,196,540; Apr. 9.
Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Planetary transmission. 2,199,056; Apr. 30.
Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Resilient slip joint. 2,199,926; May 7.
Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,204,779; June 18.
Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Variable transmission. 2,215,671; Sept. 24.
Swensen, Martin, and F. Patterson, Springfield, Ohio. Manhole cover. 2,188,123; Jan. 23.
Swenson, Carl E., Rockford, assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Universal joint. Re. 21,507; July 9.
Swenson, Carl E., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Rubber bearing universal joint. 2,217,082; Oct. 8.
Swenson, Frank. (See Johannesen, F., and Swenson.)
Swenson, George E., Hastings-on-Hudson, N. Y. Building member. 2,189,820; Feb. 13.
Swenson, George E., Hastings on Hudson, N. Y., and E. Frederick, Jr., New Orleans, La., assignors to The Celotex Corporation, Chicago, Ill. Roof construction. 2,192,458; Mar. 5.
Swenson, George E., Hastings-on-Hudson, N. Y., assignor to The Celotex Corporation, Chicago, Ill. Roof construction. 2,203,312; June 4.
Swenson, Gottfrid R., Elgin, Tex. Self-closing gate. 2,200,727; May 14.
Swenson, Paul W. (See King, G. V., and Swenson.)
Swenson, William E., Minneapolis, Minn. Power plant. 2,226,596; Dec. 31.
Swenson, William E., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Power plant. 2,226,595; Dec. 31.

Swenson, William E., St. Paul, and H. J. Andersen, assignors to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Combination throttle and clutch control. 2,226,591; Dec. 31.
Sweo, Benjamin J. (See McIntyre, G. H., Bahnsen, and Sweo.)
Swepston, Murray M., Columbus, Ohio. Safety device for furnaces. 2,190,892; Feb. 20.
Swett, Walter W., Takoma Park, Md. Folding table. 2,204,107; June 11.
Sweyer, Charles. (See Groh, E. H., and Sweyer.)
Swietochowski, Olivier, Mahrisch-Ostrau, Protectorate Moravia and Bohemia, former Czechoslovakia. High pressure steam generator. 2,202,507; May 28.
Swift, Claude E. (See Bray, U. B., and Swift.)
Swift, Clinton E., Milford, assignor to The American Brass Company, Waterbury, Conn. Welding copper and copper alloy clad steel. 2,206,375; July 2.
Swift & Company. (See Dedlow, Carl, assignor.)
Swift and Company. (See Williams, B. E., and Cadwell, assignors.)
Swift, George W., Jr., Inc. (See Bruker, Hobart W., assignor.)
Swift, George W., Jr. Inc. (See Bruker, H. W., and Black, assignors.)
Swift, George W., Jr., Inc. (See Bruker, H. W., and Thorn, assignors.)
Swift, George W., Jr., Inc. (See Morrison, John L. M., assignor.)
Swift, Gilbert, Philadelphia, Pa., assignor to Radio Corporation of America. Piezometer. 2,216,966; Oct. 8.
Swift, Harvey C., assignor to Hydraulic Brake Company, Detroit, Mich. Automatic adjustment. 2,216,861; Oct. 8.
Swift, Harvey C., assignor to Hydraulic Brake Company, Detroit, Mich. Brake. 2,223,583; Dec. 3.
Swift, Justin R., and R. W. Redin, Chicago, Ill. Hand operated printing press. 2,190,740: Feb. 20.
Swift, Stanley H., Saginaw, Mich. Removable post construction for automobile bodies and the like. 2,212,674; Aug. 27.
Swift, Willard E., and G. A. Anderson, Worcester, assignors to United States Envelope Company, Springfield, Mass. Method of and apparatus for removing burrs from metallic fasteners. 2,224,993; Dec. 17.
Swift, Willard E., Jr., Worcester, assignor to United States Envelope Company, Springfield, Mass. Manifolding process and master sheet therefor. 2,209,586; July 30.
Swihart, Calvin L. (See Ludwig, A., and Swihart.)
Swinburne, James, and B. B. Mooney, assignors to Carrier Corporation, Syracuse, N. Y. Heat exchange apparatus. 2,219,826; Oct. 29.
Swindell-Dressler Corporation. (See Brooke, Frank W., assignor.)
Swindells, Norman. (See Long, C. J., Johnson, and Swindells.)
Swinden, Thomas, Sheffield, England, assignor to Kemet Laboratories Company, Inc. Iron alloy suitable for electrical resistances. 2,210,308; Aug. 6.
Swinden, Thomas, Sheffield, England, assignor to Kemet Laboratories Company, Inc. Iron alloy suitable for electrical resistances. 2,210,309; Aug. 6.
Swinehart, Carl F., Cleveland Heights, assignor to The Harshaw Chemical Company, Elyria, Ohio. Manufacture of sulphur nitride. 2,190,177; Feb. 13.
Swinehart, Carl F., Cleveland Heights, assignor to The Harshaw Chemical Company, Elyria, Ohio. Preparation of compounds of fluorine. 2,196,907; Apr. 9.
Swinehart, Carl F., Cleveland Heights, assignor to The Harshaw Chemical Company, Elyria, Ohio. Extreme pressure lubricant. 2,215,432; Sept. 17.
Swinehart, Carl F., Cleveland Heights, and H. C. Froelich, Cleveland, assignors to The Harshaw Chemical Company, Elyria, Ohio. Manufacture of fluorescent lamps. 2,200,221; May 7.
Swingle, Ralph H., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,195,016; Mar. 26.
Swingle, Wilbur W., Princeton, N. J., assignor to Research Corporation, New York, N. Y. Extraction and purification of renin. 2,226,452; Dec. 24.
Swinglehurst, Harry, Jr. (See Page, A. E., and Swinglehurst.)
Swirling Heat, Inc. (See Schoenwetter, Reinhold D., assignor.)
Swisher, Cleveland G., Macon, Ga. Agricultural implement. 2,196,129; Apr. 2.
Swofford, Peter J., Arlington, Tex. Parachute. 2,196,947; Apr. 9.
Swope, John W., Waco, Tex., assignor of five per cent to E. A. Flowers, Jr., and seven per cent to E. D. Garrett, both of McLennan County, Tex. Roofing material. 2,210,348; Aug. 6.
Swortwood, Harry T. (See Larson, W. A., and Swortwood.)
Sykes, George, Los Angeles, Calif. Fresh fruit pack extension and liner. 2,190,955; Feb. 20.
Sykes, Roger A., Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave filter. 2,198,684; Apr. 30.
Sykes, Roger A., Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric crystal apparatus. 2,223,537; Dec. 3.
Sykes, William E., Buffalo, N. Y. Gear grinding machine. 2,187,062; Jan. 16.
Sykes, William E., Buffalo, N. Y. Gear cutter. 2,202,407; May 28.
Sylte, Richard E., Chicago, Ill., assignor to Intertype Corporation, Brooklyn, N. Y. Typographical composing machine. 2,200,707; May 14.
Sylvan, Gustaf. (See Vestergren, Harry E. M.)
Sylvan, Joseph, Detroit, Mich. Panel construction for buildings. 2,212,758; Aug. 27.
Sylvan, Stig G:Son, Stockholm, Sweden, assignor to American Air Filter Company, Inc., Louisville, Ky. Rotary dust separator impeller. 2,224,617; Dec. 10.
Sylvander, Roy C., Garden City, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Indicating instrument. 2,189,375; Feb. 6.
Sylvander, Roy C., Garden City, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Sealing means for indicating instrument casings. 2,215,570; Sept. 24.
Sylvania Industrial Corporation. (See Bösel, R., and Seib, assignors.)
Sylvania Industrial Corporation. (See Cornwell, Ralph T. K., assignor.)
Sylvania Industrial Corporation. (See Dalton, Schuyler N., assignor.)
Sylvester, Harold K., Los Angeles, Calif. Hinge and operating means therefor. 2,190,741; Feb. 20.
Sylvester, Kimmel A., Des Plaines, Ill., assignor, by mesne assignments, to Teletypesetter Corporation. Clutch control mechanism. 2,198,321; Apr. 23.
Sylvester, Oscar, Sioux City, Iowa. Automatic blocker for hay presses. 2,207,559; July 9.
Sylvester, Walter, Tunstall, England. Bracket for attachment to pit props, stanchions, beams, and the like. 2,197,567; Apr. 16.
Sylvester, Walter, Scotia Works, Tunstall, England. Collapsible pit prop and the like. 2,208,885; July 23.
Sylvestre, Louis M. (See Twiss, Benjamin C., assignor.)
Symington-Gould Corporation, The. (See Barrows, Donald S., assignor.)
Symington-Gould Corporation, The. (See Barrows, D. S., and Blattner, assignors.)
Symington-Gould Corporation, The. (See Blattner, Emil H., assignor.)
Symington-Gould Corporation, The. (See Couch, Glenn F., assignor.)
Symmes, Daniel D. (See La France, J. A., and Symmes.)
Symmes, Ernest M., assignor to Hercules Powder Company, Wilmington, Del. Process and apparatus for the manufacture of smokeless powder. 2,210,105; Aug. 6.
Symmonds, Charles J., Chevy Chase, Md. Folding table. 2,213,681; Sept. 3.
Symonds, Irene M., Pittsburgh, Pa. Article support. 2,213,151; Aug. 27.
Symons, Beatrice T., Skowhegan, Maine. Invisible hatpin. 2,190,893: Feb. 20.
Symons, Edgar B., Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Impact crusher. 2,192,606: Mar. 5.
Symons, Edgar B., Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Feed distributor for gyratory crushers. 2,214,289; Sept. 10.
Symons, Edgar B., Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Impact plate. 2,223,584; Dec. 3.
Symons, Edgar B., Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Impact crusher. 2,226,330; Dec. 24.
Symons, Edgar B., Hollywood, Calif., and O. C. Gruender, assignors to Nordberg Manufacturing Co., Milwaukee, Wis. Bearing for crushers. 2,216,926; Oct. 8.
Symons, John T., et al. (See Chambers, Nicholas, assignor.)
Symons, Loren G., Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Mud screen. 2,192,278: Mar. 5.
Symons, Loren G., Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Fine screen. 2,192,279: Mar. 5.
Symons, Loren G., Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Supporting and tensioning screen cloth. 2,213,773; Sept. 3.
Symons, William H., New York, N. Y. Water treating apparatus. 2,217,822; Oct. 15.
Syncro Devices, Incorporated. (See Doll, J. L., and Rogers, assignors.)
Syncro Machine Company. (See Fearn, Richard L., assignor.)
Syncromatic Air Conditioning Corporation. (See Hirtz, J. F., and Jepertinger, assignors.)
Syncromatic Air Conditioning Corporation. (See Jepertinger, Richard C., assignor.)
Synnott, Judson B., Jr., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Recovery of lubricating oil from acid sludge. 2,198,566: Apr. 23.
Syracuse Chilled Plow Co. (See Young, Austin E., assignor.)
Syracuse Supply Company. (See Capocefalo, Edward A., assignor.)
Syrovy, Augustin J. (See Patterson, H. F., and Syrovy.)
Szabo, William F., assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. System for arcless interruption of alternating current. 2,201,595; May 21.

Szász, Alexander, Budapest, Hungary. Apparatus for effecting the rinsing of the vagina. 2,195,945; Apr. 2.
Szasz, Geza, New York, N. Y. Contact copying machine. 2,222,961; Nov. 26.
Szasz, Geza, assignor to Electro-Copyst, Inc., New York, N. Y. Photographic copying apparatus. 2,198,396; Apr. 23.
Szasz, Geza, assignor to Electro-Copyst, Inc., New York, N. Y. Photographic copying. 2,219,667; Oct. 29.
Szeglin, Andrew. (See Kreisler, J., and Szeglin.)
Szegö, Stephan. (See Maier, Erwin, assignor.)
Szegvari, Andrew, Fairlawn, and A. H. Feikert, Wadsworth, assignors to American Anode Inc., Akron, Ohio. Aqueous dispersion of polymerized hydrocarbon material and preparing the same. 2,194,958; Mar. 26.
Szekely Company, The. (See Szekely, Otto E., assignor.)
Szekely, George E., assignor, by mesne assignments, to Dresser Manufacturing Company, Bradford, Pa. Threaded follower pipe joint or fitting. 2,192,565; Mar. 5.
Szekely, Otto E., Elmira, N. Y., assignor to The Szekely Company, Inc. Variable speed transmission. 2,198,397; Apr. 23.
Szekely, Otto E., Elmira, N. Y., assignor to The Szekely Company, Inc. Variable ratio transmission. 2,200,566; May 14.
Szekely, Otto E., Willow Grove, Pa., assignor to The Szekely Company, Inc. Variable speed reversible transmission. 2,198,398; Apr. 23.
Szikla, Géza. (See Rozinek, Arthur, assignor.)
Szilard, Julius A., Rome, assignor to General Cable Corporation, New York, N. Y. Electric cable. 2,222,638; Nov. 26.
Szlapka, John W., Chicago, Ill. Water closet connection. 2,192,110; Feb. 27.
Sznycer, Bernard W., New York, N. Y. Ski for retractable undercarriages. 2,215,598; Sept. 24.
Sztranszky, Paul, Vienna, Austria, assignor to W. A. Katzenstein, Jackson Heights, N. Y. Fountain pen. 2,206,681; July 2.
Szücs, Ladislaus, and E. Stecklmacher (now known as E. Steel), Brunn, Czechoslovakia. Device for the application of rouging lacquer, medical appliances, and the like. 2,195,472; Apr. 2.
Szumkowski, Leonard, Chicago, Ill. Sweatband for hats. 2,218,590; Oct. 22.
Szush, John J., Thibodaux, La. Water cooling device. 2,190,574; Feb. 13.
Szydlowski, Josef, and A. P. E. Planiol, Paris, France. Machine for the displacement and compression of fluids. 2,210,155; Aug. 6.
Szymczak, Stanley, Milwaukee, Wis. Boat steering and driving mechanism. 2,197,534; Apr. 16.
Szyper, Charles. (See Van Tuyl, S. E., Mihalek, and Szyper.)
T-Z Railway Equipment Company. (See Blocker, Raymond V., assignor.)
Taaler, Jacobo, Buenos Aires, Argentina. Shoe wear. 2,207,306; July 9.
Tabb, Warner T. (See Purdy, E. M., and Tabb.)
Tabb, Warner T., Brooklyn, assignor to Eisemann Magneto Corporation, New York, N. Y. Valve for fuel pumps of internal combustion engines. 2,190,575; Feb. 13.
Tabb, Warner T., Brooklyn, assignor to Eisemann Magneto Corporation, New York, N. Y. Control means. 2,193,701; Mar. 12.
Tabb, Warner T., Brooklyn, N. Y., and E. M. Purdy, New Canaan, Conn., assignors to Eisemann Magneto Corporation, New York, N. Y. Spray injection nozzle. 2,210,783; Aug. 6.
Tabberer, George. (See Graham, D. H., Taberrer, and Forsling.)
Taber, Allen M. (See Reichert, J. S., and Taber.)
Taber, Walter S., Honolulu, Hawaii. Variable pitch airplane propeller. 2,197,814; Apr. 23.
Tabern, Donalee L., Lake Bluff, assignor to Abbott Laboratories, North Chicago, Ill. Racemization of optically active compounds. 2,214,034; Sept. 10.
Tabern, Donalee L., Lake Bluff, and E. E. Moore, H. D. Robinson, and R. S. Frye, Waukegan, and J. E. Rundell, assignors to Abbott Laboratories, North Chicago, Ill. Making ammonium mandelate. 2,220,692; Nov. 5.
Tablet & Ticket Co., The. (See Redfield, James W., assignor.)
Tabor Manufacturing Company, The. (See Ramsden, J. T., and Wallace, assignors.)
Tabor Manufacturing Company, The. (See Wallace, F. R., and Ramsden, assignors.)
Taborski, Alfred F., Bradford, Pa. Fountain comb. 2,225,282; Dec. 17.
Tackler, Samuel, New York, N. Y. Aluminum lined shell. 2,193,573; Mar. 12.
Tade, Benjamin F., assignor of one-half to L. H. Woodring, Canon City, Colo. Vacuum operated boiler compound sight feeder. 2,225,087; Dec. 17.
Taesler, Rudolf, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Motion picture camera. 2,209,178; July 23.
Taeuber, Julius H. (See Cook, M. B., and Taeuber.)
Tafel, Edward F., Painesville, Ohio. Driving mechanism for reciprocating conveyers. 2,214,755; Sept. 17.
Tafel, Robert E., Long Beach, Calif., assignor of one-third to J. Schaefer, one-third to E. E. Davidson, one-sixth to E. P. Wallner, and one-sixth to O. W. Stilz, Louisville, Ky. Folding table hardware. 2,223,193; Nov. 26.
Taferner, Joseph A. (See Schlitzer, Leo J., assignor.)
Taft, Raymond C., Wallingford, Vt., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Hoeing implement and the like. 2,224,556; Dec. 10.
Tagliabue, Charles J., Mfg. Co. (See Erbguth, P. F. K., and Sandberg, assignors.)
Tagliabue, Charles J., Mfg. Co. (See Erbguth, P. F. K., Sandberg, and Smith, assignors.)
Tagliabue, Charles J., Mfg. Co. (See Fairchild, Charles O., assignor.)
Tagliabue, Charles J., Mfg. Co. (See Fairchild, C. O., and Osterlund, assignors.)
Tagliabue, Charles J., Mfg. Co. (See Sandberg, R. A. F., Erbguth, and Smith, assignors.)
Taglio, Emilio, assignor of one-half to F. Surdi, Rio de Janeiro, Brazil. Fluid pressure pump of thermic-dynamical action. 2,189,969; Feb. 13.
Tahon, Robert G., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Device employed in the conversion of electrical energy into acoustic energy and vice versa. 2,219,729; Oct. 29.
Taigman, Murray, New York, N. Y. Combined lock and sight aperture. 2,222,691; Nov. 26.
Tainton, Urlyn C., Baltimore, Md. Communication system. 2,210,012; Aug. 6.
Tainton, Urlyn C., Baltimore, Md. Cleaning powder. 2,213,641; Sept. 3.
Tainton, Urlyn C., Baltimore, Md. Powder container and applicator. 2,225,540; Dec. 17.
Tait, Arthur A., Plainfield, N. J. Index sheet. 2,203,511; June 4.
Tait, John N. H., Coventry, assignor to The Birmingham Small Arms Company Limited, Birmingham, England. Steering mechanism for motor vehicles. 2,223,274; Nov. 26.
Tait, John N. H., Coventry, and W. M. Blakden, Farnborough, assignors to The Birmingham Small Arms Company Limited, Birmingham, England. Motor vehicle. 2,217,572; Oct. 8.
Tait, Wilfred E., Milford, assignor to General Arts, Incorporated, Westport, Conn. Spool winding means for cameras. 2,204,518; June 11.
Takach, Julius, Flushing, N. Y. Inside window sash frame. 2,217,997; Oct. 15.
Takats, Zoltan, Bridgeport, Conn. Moistening device for duplicating machines. 2,189,765; Feb. 13.
Takiguchi, Ei., Tokyo, Japan. Rubber stopper for bottles, jars, vessels, and like containers. 2,196,785; Apr. 9.
Talalay, Josef A., Bedford, assignor of one-third to The Moulded Hair Company Limited, and one-third to J. A. Howard, London, England. Production of spongy rubber products. 2,194,036; Mar. 19.
Talalay, Josef A., Bedford, England. Manufacture of spongy and cellular products from rubber and rubber-like materials. 2,206,757; July 2.
Talamantes, Della P., Alhambra, Calif. Combined umbrella and base therefor. 2,227,113; Dec. 31.
Talbert, Guy W., Summit, N. J., assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Recovery of phthalic acid from gases containing phthalic anhydride. 2,190,001; Feb. 13.
Talbert, John A., and M. Hendrick, Cliffside, N. C. Pattern mechanism for dobby looms. 2,201,707; May 21.
Talbot-Crosbie, John B., and A. P. S. Macquisten, Glasgow, Scotland. Production of hollow metallic cases. 2,193,891; Mar. 19.
Talbot, Evariste E. (See Daudelin, J. B., and Talbot.)
Talbot, Frank L., St. Paul, Minn. Film holder. 2,222,094; Nov. 19.
Talbot, Howard H. (See Klein, C. J., and Talbot.)
Talbot, Howard H., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Coil stripper. 2,185,360; Jan. 2.
Talbot, Howard H., assignor to United Engineering and Foundry Company, Pittsburgh, Pa. Flying shear. 2,190,638; Feb. 13.
Talent, Victor, Zurich, Switzerland. Locking device for motor cars. 2,218,730; Oct. 22.
Talge Foster L. (See Majewski, Joseph M., Jr., assignor.)
Taliaferro, Edward E., Jackson, Tenn. Clock. 2,191,976; Feb. 27.
Talkington, Jesse M., Dover, Ark. Loose material dispensing apparatus. 2,191,241; Feb. 20.
Talley, Robert R., Beachwood, N. J., assignor to American Telephone and Telegraph Company. Antenna selector switch. 2,224,277; Dec. 10.
Talley, William H., Tulsa, Okla. Bookbinding. 2,222,547; Nov. 19.
Tallman, Oscar F., assignor to James R. Kearney Corporation, St. Louis, Mo. Spring clamp. 2,203,621; June 4.
Tallman, William B. (See Heth, S. C., and Tallman.)
Tally, Carl E., assignor of one-half to J. E. Rosenbalm, Cleburne, Tex. Mechanical calendar. 2,189,821; Feb. 13.
Talmadge, Louis H., Wethersfield, assignor, by mesne assignments, to The Silex Company, Hartford Conn. Filter and making the same. 2,188,488; Jan. 30
Talmage, John H. (See Unger, P. O., Law, and Talmage.)

Talon, Inc. (See Bailey, Perkins H., assignor.)
Talon, Inc. (See Beckwith, George M., assignor.)
Talon, Inc. (See Bradbury, Samuel L., assignor.)
Talon, Inc. (See Carlile, Alfred E., assignor.)
Talon, Inc. (See Chappuis, John A., assignor.)
Talon, Inc. (See Corner, George H. C., assignor.)
Talon, Inc. (See Di Tullio, Ambroise, assignor.)
Talon, Inc. (See Farnstrom, Harry L., assignor.)
Talon, Inc. (See Gilmore, Delbert B., assignor.)
Talon, Inc. (See Graham, Edward S., Jr., assignor.)
Talon, Inc. (See Murphy, Charles B., assignor.)
Talon, Inc. (See Nedal, Peder, assignor.)
Talon, Inc. (See Poux, Noel J., assignor.)
Talon, Inc. (See Quisling, Sverre, assignor.)
Talon, Inc. (See Seaver, Elliott O., assignor.)
Talon, Inc. (See Sundback, Gideon, assignor.)
Tamarin, Bernard J. (See Meletti, Adolph, assignor.)
Tamassy, Jay, assignor to Jacob M. Hauser doing business as Hauser Tea Bag Co., New York, N. Y. Packaging apparatus. 2,208,951; July 23.
Tamm, Adolph C. J. (See Pahls, J. J., and Tamm.)
Tamm, Rudolf, Berlin-Siemensstadt, assignor to "Fides" Gesellschaft fur die Verwaltung und Verwertung von gewerblichen Schutzrechten m. b. H., Berlin, Germany. Electron discharge device. 2,212,215; Aug. 20.
Tamminga, William, New York, N. Y., assignor to Monitor Process Corporation. Milk dispenser. 2,186,082; Jan. 9.
Tamminga, William, assignor to S. Rosenburg, New York, N. Y. Dish mop. 2,187,686; Jan. 16.
Tamminga, William, Bronx, N. Y., assignor to Monitor Process Corporation. Liquid dispenser. 2,186,083; Jan. 9.
Tamminga, William, Bronx, N. Y., assignor to Monitor Process Corporation, Jersey City, N. J. Liquid dispensing receptacle. 2,220,466; Nov. 5.
Tamminga, William, Bronx, N. Y., assignor to Monitor Process Corporation, Jersey City, N. J. Dispensing apparatus. 2,220,467; Nov. 5.
Tamoschat, William, New York, assignor to D. H. Zell, Brooklyn, N. Y. Container. 2,218,665; Oct. 22.
Tamoschat, William, New York, assignor to D. H. Zell, Brooklyn, N. Y. Container. 2,218,666; Oct. 22.
Tampier, René, Boulogne-sur-Seine, France. Controlling the movements of ailerons, rudders, and elevators of aircraft. 2,192,871; Mar. 5.
Tampier, René, Boulogne-sur-Seine, France. Controlling the moving surfaces of aircraft. 2,192,872; Mar. 5.
Tampier, René, Boulogne-sur-Seine, France. Device for controlling carburetors of internal combustion engines in aircraft. 2,207,386; July 9.
Tampier, René, London, England. Control surface on aircraft. 2,207,387; July 9.
Tamura, Joseph T. (See Boyd, M. J., and Tamura.)
Tamworth Associates, Inc. (See Levitt, William T., assignor.)
Tanberg, Arthur P., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial cellulosic material bonded to rubber and producing the bond. 2,211,964; Aug. 20.
Tancred, William L., Hartford, Conn., assignor to Veeder-Root Incorporated. Counter mechanism. 2,215,841; Sept. 24.
Tandetzke, Karl, Eigenheim, Berlin-Alt-Glienicke, assignor to Auto Union Aktiengesellschaft, Chemnitz, Germany. Vehicle body. 2,212,462; Aug. 20.
Tandler, William S. (See Mazur, P., and Tandler.)
Tang, Yüan-Chi, Natung, China. Conversion of chlorine dioxide into a solid form. 2,210,268; Aug. 6.
Tangerman, William J., Hammond, Ind., assignor to Standard Railway Equipment Company, Chicago, Ill. Railway car construction. 2,189,386; Feb. 6.
Tangerman, William J., Hammond, Ind., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Forming plates. 2,199,377; Apr. 30.
Tanke, Willard H. (See Strasser, C., and Tanke.)
Tankersley, James O., Decatur, Ill. Cigarette dispenser. 2,210,222; Aug. 6.
Tanner, Elo C., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,226,395; Dec. 24.
Tanner, Howard A. (See Bachman, G. B., and Tanner.)
Tanner, Wellington L., Panasoffkee, Fla., and C. A. Parish, Chicago, Ill. Weed destroying preparation. 2,206,470; July 2.
Tannin Corporation, The. (See Shelton, Elbert M., assignor.)
Tanning Process Company, The. (See Colbert, George G., assignor.)
Tanning Process Company, The. (See Edgar, David, assignor.)
Tanning Process Company, The. (See McGrath, Robert L., assignor.)
Tanqueray, David Y. B. (See Pointon, J. E., Tanqueray, and Dewhurst.)
Tanzi, Mario, Chicago, Ill. Macaroni filter. 2,221,334; Nov. 12.
Tanzi, Mario, assignor to The John B. Canepa Company, Chicago, Ill. Die for forming plastic materials into threads or ribbons. 2,197,988; Apr. 23.
Tanzi, Mario, assignor to The John B. Canepa Company, Chicago, Ill. Die for forming plastic materials into threads or ribbons. 2,217,627; Oct. 8.
Tapie, Joseph F., Santa Barbara, assignor of one-half to W. H. Heyser, Los Angeles, Calif. Gas generator for oil operated orchard heaters. 2,217,777; Oct. 15.
Taplin Manufacturing Company, The. (See Lienhard, Richard B., assignor.)
Tapman, Samuel F., Richmond Hill, N. Y. Building construction. 2,192,719; Mar. 5.
Tapman, Samuel F., Richmond Hill, N. Y. Building construction. 2,192,720; Mar. 5.
Tapp, Harry F., Longmeadow, H. O. Grimmeisen, and V. E. Duemler, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid fuel burner. 2,227,286; Dec. 31.
Tappan Stove Company, The. (See Allenbaugh, Ralph, assignor.)
Tapper, George O. (See Hecking, T. W., and Tapper.)
Tapper, Harry J. (See Billker, F. W., and Tapper.)
Tapscott, Alfred E., Rochester, and H. J. Tapscott, Somersworth, N. H. Mounting for tumbler washers and the like. 2,215,279; Sept. 17.
Tapscott, Harold J. (See Tapscott, Alfred E., and H. J.)
Tarantolo, Peter J., Chicago, Ill. Condiment dispenser. 2,185,576; Jan. 2.
Tarbox, John P., Philadelphia, Pa., assignor to Imperial Rayon Corporation, Gloucester, N. J. Fiber treatment. 2,219,582; Oct. 29.
Tarbox, Leon A., Prospect Park, and W. H. Barcus, Upper Darby, assignors to Sun Oil Company, Philadelphia, Pa. Filtering. 2,191,403; Feb. 20.
Tarisien, Theophile, Livry-Gargan, France, assignor, by mesne assignments, to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,201,564; May 21.
Tarkington, Wilson, Kilgore, Tex. Oil well bailer. 2,198,490; Apr. 23.
Tarleton, Frederic L., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,200,222; May 7.
Tarnuzzer, Edmund C. (See de Goencz, D., Tarnuzzer, and Stockwell.)
Tarpley, Jesse F., Jr., Washington, D. C. Integrator for determining the combined effect of inflow into and outflow from reservoirs. 2,197,815; Apr. 23.
Tarpley, Raymond E., assignor to Leeds & Northrup Company, Philadelphia, Pa. Woven resistor. 2,199,810; May 7.
Tarpley, Raymond E., assignor to Leeds & Northrup Company, Philadelphia, Pa. Resistance device. 2,223,585; Dec. 3.
Tarr, Margaret H., Collingswood, N. J., assignor to Strawbridge & Clothier, Philadelphia, Pa. Label, stamp, or strip applying device. 2,198,519; Apr. 23.
Tarr, Omar F., Stoneleigh, Md., assignor to Mutual Chemical Company of America, New York, N. Y. Manufacture of pigments. 2,209,907; July 30.
Tarr, Philip R., Cuyahoga Falls, Ohio. Photometer for measuring exposures and densities. 2,190,553; Feb. 13.
Tarrant, John G., New York, N. Y. Ejector-equipped cigarette holder. 2,216,283; Oct. 1.
Tarris, Frederick J., and D. Webb, assignors to The India Rubber, Gutta Percha and Telegraph Works Company Limited, London, England. Valve for hydraulic systems. 2,208,820; July 23.
Tarris, Frederick J., and D. Webb, assignors to The India Rubber, Gutta Percha and Telegraph Works Company Limited, London, England. Control system actuated by fluid pressure. 2,224,706; Dec. 10.
Tartar, Roscoe C., Liberty, Ky. Doorstop. 2,225,528; Dec. 17.
Tartaron, Francis X., Mulberry, Fla., assignor to Phosphate Recovery Corporation, New York, N. Y. Concentrating minerals of the class consisting of phosphate, calcite, barite, and fluorspar. 2,222,728; Nov. 26.
Tartaron, Francis X., and L. R. Harrison, Jr., Mulberry, Fla., assignors to Phosphate Recovery Corporation, New York, N. Y. Mica flotation. 2,226,103; Dec. 24.
Tashof, J. Julian, trustee. (See Brunnhoelzl, William, assignor.)
Tassara, Filippo, Genoa, Italy. Oven for the low temperature distillation of coal, lignite, or the like. 2,219,084; Oct. 22.
Tatalovich, Eli, Herrin, Ill. Clean-out tool. 2,187,845; Jan. 23.
Tatar, Stanley, Detroit, Mich. Washer. 2,221,224; Nov. 12.
Tate, Christopher, Malden, assignor to E. H. Tate Company, Boston, Mass. Display card for door keys. 2,224,027; Dec. 3.
Tate, E. H., Company, The. (See Tate, Christopher, assignor.)
Tate, E. H., Company. (See Tate, Frank E. B., assignor.)
Tate, Everett J., Seattle, Wash. Hand throttle for automobiles. 2,207,954; July 16.
Tate, Frank E. B., Malden, assignor to E. H. Tate Company, Boston, Mass. Display package of pins. 2,216,217; Oct. 1.
Tate, James, Los Angeles, Calif. Funnel support. 2,216,255; Oct. 1.
Tate, Kenneth L., assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. 2,209,179; July 23.
Tate, Kenneth L., and A. E. Irving, assignors to Taylor Instrument Companies, Rochester, N. Y. Recording instrument. 2,216,635; Oct. 1.

Tate, Kenneth L., and A. E. Irving, assignors to Taylor Instrument Companies, Rochester, N. Y. Hygrometer. 2,224,618; Dec. 10.
Tate, Malcolm C., Stamford, Conn., assignor, by mesne assignments, to The Baldwin Locomotive Works. Load indicating and controlling apparatus for testing machines. 2,212,085; Aug. 20.
Tate, Ralph H., Edgewood Arsenal, Md. Motorized mount for chemical mortars. 2,197,816; Apr. 23.
Tathwell, Joseph H., Charlotte, N. C., assignor to Ditto, Incorporated, Chicago, Ill. Apparatus for and a method of duplicating. 2,220,300; Nov. 5.
Tatnall, Joseph S. (See Lundquist, H. T., and Tatnall.)
Tator, Kenneth, Egypt, Mass., assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Container closure and lining composition. Re. 21,575; Sept. 17.
Tatosian, Harry G. (See Yohai, R. A., and Tatosian.)
Tatter, Ernst O. P., Chicago, Ill., assignor to International Cellucotton Products Company. Vending mechanism. 2,211,799; Aug. 20.
Tattersall, Harold J., Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Nitrocellulose composition of reduced inflammability. 2,188,322; Jan. 30.
Tattersall, Harold J., Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Cellulose derivative composition. 2,202,124; May 28.
Tatum, William W. (See Heslop, R. N., and Tatum.)
Tau, Bruce E., assignor to Freyn Engineering Company, Chicago, Ill. Checker construction. 2,221,416; Nov. 12.
Taub, Alex, Hendon, London, England, assignor to General Motors Corporation, Detroit, Mich. Combustion chamber of internal combustion engines. 2,214,941; Sept. 17.
Taub, Alex, Hendon, London, England, assignor to General Motors Corporation, Detroit, Mich. Flexible mounting for reciprocating engines. 2,214,942; Sept. 17.
Taub, Francis, Brooklyn, N. Y. Dry heat thermoplastic-denture press. 2,217,390; Oct. 8.
Taub, Ludwig. (See Kropp, W., and Taub.)
Taube, Carl. (See Petersen, S., Bayer, and Taube.)
Taube, Carl, Leverkusen-I. G.-Werk, R. Stüsser, Cologne, and O. Müller, Leverkusen-I. G.-Werk, Germany, assignors to General Aniline & Film Corporation. Azo dyestuffs. 2,193,438; Mar. 12.
Taubensee, Henry A. (See Geyer, Ernest H., assignor.)
Taubensee, Henry A. (See Geyer, E. H., and Taubensee.)
Tauber, Henry, Florence, S. C., assignor to Merck & Co. Inc., Rahway, N. J. Preparing co-carboxylase. 2,188,323; Jan. 30.
Tauber, Rudolf, Brooklyn, N. Y. Loose-leaf binding device. 2,210,106; Aug. 6.
Tauch, Ernest J., and R. K. Iler, Cleveland Heights, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of chlorosulphonates. 2,218,729; Oct. 22.
Tauschek, Gustav, New York, N. Y. Transferring or reproducing machine. 2,202,359; May 28.
Tauschek, Gustav, Weidling, near Vienna, Austria, assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,224,774; Dec. 10.
Tautz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Extension control means for tool guides. 2,193,946; Mar. 19.
Tautz, Herbert E., assignor to The Delta Manufacturing Company, Milwaukee, Wis. Drill press guard. 2,202,878; June 4.
Tautz, Herbert E., assignor to The Delta Manufacturing Company, Milwaukee, Wis. Variable speed mechanism. 2,209,484; July 30.
Tautz, Herbert E., and P. E. Butzin, assignors to The Delta Manufacturing Company, Milwaukee, Wis. Shaper guard. 2,210,135; Aug. 6.
Tawney, Gereld L. (See Condon, E. U., Tawney, and Derr.)
Taylor, Albert J., Brownsville, Tex. Combination cot, chair, and card table. 2,200,193; May 7.
Taylor, Albert L., Miami, Fla. Safety device. 2,206,471; July 2.
Taylor, Albert S. (See Roper, William G., assignor.)
Taylor, Arthur H., Willimantic, Conn. Electrically lighted satchel. 2,192,820; Mar. 5.
Taylor, Auburn, Charleston, W. Va., assignor to The Goss Printing Press Company, Chicago, Ill. Inking mechanism. 2,213,419; Sept. 3.
Taylor, Byron M., La Mesa, Calif. Aid in regaining normal body locomotion. 2,210,269; Aug. 6.
Taylor, Calvin H., Cobalt, Ontario, Canada. Automatic hand truck brake. 2,193,947; Mar. 19.
Taylor, Carl C., assignor to Educational Laboratories, Inc., Brownwood, Tex. Governor. 2,188,559; Jan. 30.
Taylor, Charles B. (See Crafts, I. M., and Taylor.)
Taylor, Charles C., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control of transmission in two-way signalling systems. 2,209,667; July 30.
Taylor, Charles H., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,188,379; Jan. 30.
Taylor, Charles H., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,218,184; Oct. 15.
Taylor, Charles H., Springfield, Mass., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,203,001; June 4.
Taylor, Charles H., Springfield, Mass., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,209,799; July 30.
Taylor, Clarence L., assignor to The Aetna Standard Engineering Company, Youngstown, Ohio. Shaft mounting for rolls or the like. 2,190,371; Feb. 13.
Taylor, Clarence L., assignor to The Aetna-Standard Engineering Company, Youngstown, Ohio. Wire drawing machines. 2,211,392; Aug. 13.
Taylor, Claude C., Long Beach, Calif. Bailer. Re. 21,565; Sept. 10.
Taylor, Cora M., Miami, Fla. Writing guide. 2,195,137; Mar. 26.
Taylor, Daniel G. (See Denison, F. S., and Taylor.)
Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. Re. 21,620; Nov. 5.
Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Gas valve. 2,211,301; Aug. 13.
Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Switching mechanism. 2,211,735; Aug. 13.
Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Cooling system. 2,222,159; Nov. 19.
Taylor, Daniel G., and A. L. Judson, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Switching mechanism. 2,209,721; July 30.
Taylor, Donald D., Duncannon, Pa. Driving mechanism. 2,212,993; Aug. 27.
Taylor, Donald D., Duncannon, and A. P. Bixler, New Buffalo, N. Y. Bread slicing equipment. 2,206,207; July 2.
Taylor, Douglas, Ladywood, Birmingham, England. Machine for grinding or polishing lenses. 2,214,977; Sept. 17.
Taylor, Douglas, Ladywood, Birmingham, England. Machine for polishing or grinding lenses and other objects. 2,219,641; Oct. 29.
Taylor, Edgerton F., assignor to J. C. Lewis, New York, N. Y. Safety wall socket connection and plug. 2,226,148; Dec. 24.
Taylor, Edward A. (See Anderson, George K., Taylor, and Fishel.)
Taylor, Edward H., Oak Park, Ill. Fitting. 2,208,821; July 23.
Taylor, Edward H., Oak Park, Ill. Making spiral pipe. 2,216,606; Oct. 1.
Taylor, Edward R., Rocky River, Ohio. Dispensing apparatus for carbonated beverages. 2,208,611; July 23.
Taylor, Emerson F., Cincinnati, Ohio. Knee control for accelerators. 2,221,274; Nov. 12.
Taylor, Ernest H., Stroudsburg, assignor to The International Boiler Works Co., East Stroudsberg, Pa. Power boiler. 2,203,370; June 4.
Taylor, Ernest W., assignor to The Industrial Brownhoist Corp., Bay City, Mich. Pusher car. 2,199,470; May 7.
Taylor, Ernest W., assignor to Industrial Brownhoist Corporation, Bay City, Mich. Combination cargo and material handling machine. 2,226,361; Dec. 24.
Taylor, Esser O., Mount Vernon, N. Y. Bumper alarm switch. 2,199,274; Apr. 30.
Taylor, Frank E., Oakland, Calif. Bottle transfer device. 2,213,774; Sept. 3.
Taylor, Frank F., Company, The. (See Hansburg, George B., assignor.)
Taylor, Frank H., New York, N. Y., assignor to Lehigh Structural Steel Company, Allentown, Pa. Tower. 2,192,780; Mar. 5.
Taylor, Frank H., New York, N. Y., assignor to Lehigh Structural Steel Company, Allentown, Pa. Tower. 2,198,955; Apr. 30.
Taylor, Fred L., assignor to The Dow Chemical Company, Midland, Mich. Halo-aliphatic esters of 2-chloroallyl alcohol. 2,221,275; Nov. 12.
Taylor, George N. (See Mills, D. E., and Taylor.)
Taylor, Grace B. (See Donnell, Emerson B., assignor.)
Taylor, Hamilton D., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,199,351; Apr. 30.
Taylor, Harden F., assignor to The Atlantic Coast Fisheries Company, New York, N. Y. Vitamin preparation. 2,218,591; Oct. 22.
Taylor, Harden F., assignor to The Atlantic Coast Fisheries Company, New York, N. Y. Vitamin preparation and making same. 2,218,592; Oct. 22.
Taylor, Henry A., Dorchester, Mass. Plate attaching device. 2,203,397; June 4.
Taylor, Herbert L., assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical rectifier. 2,215,890; Sept. 24.
Taylor, Horace A. (See Koubek, J. L., and Taylor.)
Taylor, Huston, Santa Monica, Calif. Tobacco pipe. 2,216,303; Oct. 1.
Taylor Instrument Companies. (See Bandoly, Erich, assignor.)
Taylor Instrument Companies. (See Blum, Frederick G., Jr., assignor.)
Taylor Instrument Companies. (See Brown, W. J., and Good, assignors.)

Taylor Instrument Companies. (See Olson, Raymond E., assignor.)
Taylor Instrument Companies. (See Stone, G. A., and Frisby, assignors.)
Taylor Instrument Companies. (See Tate, Kenneth L., assignor.)
Taylor Instrument Companies. (See Tate, K. L., and Irving, assignors.)
Taylor Instrument Companies. (See Vogt, William H., assignor.)
Taylor Instrument Companies. (See Young, William M., assignor.)
Taylor, James, Oklahoma City, Okla. Aligning and locking means for flooring strips. 2,203,932; June 11.
Taylor, James, Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Blasting charge. 2,190,460; Feb. 13.
Taylor, James, Saltcoats, and V. H. Williams, Ardrossan, Scotland, assignors to Imperial Chemical Industries Limited. Manufacture of explosive compositions or blasting charges. 2,218,563; Oct. 22.
Taylor, James H., Oak Park, Ill. Pipe bend furnace. 2,206,519; July 2.
Taylor, James H., Oak Park, Ill. Finishing bends. 2,221,417; Nov. 12.
Taylor, James W., assignor to Peninsular-Lurton Company, Pensacola, Fla. Apparatus for cleaning resins. 2,218,364; Oct. 15.
Taylor, James W., assignor to Peninsular-Lurton Company, Pensacola, Fla. Cleaning resins. 2,218,365; Oct. 15.
Taylor, James W., assignor to Peninsular-Lurton Company, Pensacola, Fla. Melting tank. 2,218,366; Oct. 15.
Taylor, James Y. (See Neumueller, J. F., and Taylor.)
Taylor, James Y. (See Peck, W. F., and Taylor.)
Taylor, John H., Battle Creek, Mich. Piston for internal combustion engines. 2,194,102; Mar. 19.
Taylor, John H., Worthington, Ohio. Harrow. 2,210,223; Aug. 6.
Taylor, John J., Wadsworth, assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor clamp. 2,209,009; July 23.
Taylor, John L., Silver Gate, Mont. Mounting means for doors. 2,219,344; Oct. 29.
Taylor, Lamond L., Tucson, Ariz., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Dispensing apparatus. 2,193,211; Mar. 12.
Taylor, Lloyd M., San Leandro, assignor of one-half to G. A. Selig, Oakland, Calif. Internal combustion engine. 2,199,423; May 7.
Taylor, Lorenzo D. (See MacMahon, J. D., Taylor, and Kalusdian.)
Taylor, Mark H., assignor to Kapella Limited, Leicester, England. Copying machine. 2,206,587; July 2.
Taylor, Maurice C., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production of calcium hypochlorite product. 2,195,756; Apr. 2.
Taylor, Maurice C., Niagara Falls, and G. P. Vincent, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Bleaching pulp. 2,194,956; Mar. 26.
Taylor, Maurice K., Hollinwood, England, assignor to Ferranti Electric Inc., New York, N. Y. Balancing of rotating bodies. 2,206,472; July 2.
Taylor, Mike, Kansas City, Mo. Utility stool. 2,209,859; July 30.
Taylor, Milton C., assignor to Partridge & Anderson Company, Chicago, Ill. Printing plate. 2,218,011; Oct. 15.
Taylor, Milton C., assignor to Partridge & Anderson Company, Chicago, Ill. Apparatus for producing printing plates. 2,218,012; Oct. 15.
Taylor, Myron L., Hudson, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Inflation apparatus and control means therefor. 2,217,299; Oct. 8.
Taylor, Orlin D., Ossian, assignor of one-third to M. Shafer, Bluffton, Ind. Bread slicing machine. 2,216,103; Sept. 24.
Taylor, Oscar C. (See Myers, C. R., and Taylor.)
Taylor, Philip B., Upper Montclair, and W. G. Lundquist, Glen Rock, N. J., assignors to Wright Aeronautical Corporation. Journal bearing. 2,225,136; Dec. 17.
Taylor, Reginald, and G. T. Baker, Liverpool, and C. Gillings, London, England, assignors to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone system. 2,190,140; Feb. 13.
Taylor, Reginald, and G. T. Baker, Liverpool, England, assignors to Associated Telephone & Telegraph Company, Chicago, Ill. Automatic switch for use in telephone or like systems. 2,222,126; Nov. 19.
Taylor, Richard W., Asherton, Tex. Container closure. 2,196,345; Apr. 9.
Taylor, Robert B., near Knoxville, Tenn. Purification of refrigerant. 2,225,669; Dec. 24.
Taylor, Robert K., Spartanburg, S. C. Rotary surfacing tool. 2,192,459; Mar. 5.
Taylor, Robert R., Burlington, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Package for carbon paper. 2,196,482; Apr. 9.
Taylor, Robert S., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,195,604; Apr. 2.
Taylor, Robert S., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,210,511; Aug. 6.
Taylor, Robert S., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,210,607; Aug. 6.
Taylor, Robert S., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,222,548; Nov. 19.
Taylor, Ross E. (See Meyer, A. J., and Taylor.)
Taylor, Russell C., Greenwich, Conn., assignor to American Can Company, New York, N. Y. Reforming bails. 2,210,961; Aug. 13.
Taylor, Rutherford H., Millburn, N. J., assignor to J. K. Smit & Sons, Inc., New York, N. Y. Casting machine. 2,208,612; July 23.
Taylor, Schuyler J., Portland, assignor to The Russell Manufacturing Company, Middletown, Conn. Producing Venetian blind ladder tape. 2,222,692; Nov. 26.
Taylor, Smith & Taylor Company, The. (See Bower, James A., assignor.)
Taylor, Taylor & Hobson Limited. (See Warmisham, A., and Wynne, assignors.)
Taylor, Tom A., and C. F. McComas, Olney, Ill. Safety device for rotary drilling rigs. 2,200,210; May 7.
Taylor, Thomas S., Caldwell, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Magnetically shielded cutout for electric motors. 2,199,232; Apr. 30.
Taylor, Victor M., Tazewell, Va. Device for filing circular saws. 2,199,324; Apr. 30.
Taylor, Victor M., Tazewell, Va. Dressing device for saw teeth. 2,199,325; Apr. 30.
Taylor-Wharton Iron & Steel Company. (See Kleber, Luther A., assignor.)
Taylor-Wharton Iron & Steel Company. (See Taylor, William H., assignor.)
Taylor, William, assignor to Clarke Engineering Company, Detroit, Mich. Outboard motor support. 2,212,675; Aug. 27.
Taylor, William A., Detroit, Mich. Auxiliary bumper for motor vehicles. 2,205,444; June 25.
Taylor, William C., assignor to Corning Glass Works, Corning, N. Y. High silica glass composition. 2,224,493; Dec. 10.
Taylor, William F., Tulsa, Okla. Lathe-drill press. 2,226,029; Dec. 24.
Taylor, William H., Phillipsburg, assignor to Taylor-Wharton Iron & Steel Company, High Bridge, N. J. Chain dredge bucket. 2,193,785; Mar. 12.
Taylor, William H., Mentor, Ohio, assignor to W. H. Taylor, as trustee, and his successor trustee. Making engine valves. 2,221,657; Nov. 12.
Taylor, William I. (See Dreyfus, H., and Taylor.)
Taylor, William I., and A. H. Woodruff, Spondon, near Derby, England, assignors to Celanese Corporation of America. Yarn winding machinery. 2,209,428; July 30.
Taylor, William I., and L. B. Gibbins, Spondon, near Derby, England, assignors to Celanese Corporation of America. Crimping of filaments, fibers, yarns, and the like. 2,216,142; Oct. 1.
Taylor, William I., and L. B. Gibbins, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of molded articles. 2,223,538; Dec. 3.
Taylor, William J., Nutley, N. J. Wire fabric seam. 2,224,323; Dec. 10.
Taylor, William J., and C. A. Hennessy, Syracuse, assignors to Joe Lowe Corporation, New York, N. Y. Apparatus for simultaneously cutting a plurality of confectionery products. 2,204,519; June 11.
Taylor, William R., Tacoma, Wash. Sharpening device. 2,205,964; June 25.
Taylor, William S., Jr., Salt Lake City, Utah. Mechanical movement. 2,216,990; Oct. 8.
Taylor-Winfield Corporation. (See Gabriel, Gustave O., assignor.)
Taylor-Winfield Corporation. (See Humphrey, Stanley M., assignor.)
Tays, Richard V., Coral Gables, Fla. Electrician's tool. 2,211,528; Aug. 13.
Tays, Richard V., Coral Gables, Fla. Hair drier. 2,221,822; Nov. 19.
Taywal Corporation. (See Holmes, Curtis, assignor.)
Tchetchet, Victor, Great Neck, N. Y. Nonskid attachment for shoes. 2,206,136; July 2.
Tea, Clark A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Making a weather strip. 2,187,505; Jan. 16.
Tea, Clark A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Shock absorber. 2,212,759; Aug. 27.
Teachout, Leo A. (See French, J. W., Andre, and Teachout.)
Teaf, John H., Westmont, assignor, by mesne assignments, to Condenser Development Corporation, Newark, N. J. Mechanical tuning mechanism for a radio set. 2,211,444; Aug. 13.
Teaf, John H., Moorestown, assignor, by mesne assignments, to Condenser Development Corporation, Newark, N. J. Condenser stator mounting means. 2,213,852; Sept. 3.

Teague, Merwyn C., Ridgewood, N. J., and T. G. Hawley, Jr., Naugatuck, Conn., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Making elastic fabrics. 2,219,829; Oct. 29.
Teague, Walter D., Jr. (See Teague, Walter D. and W. D., Jr., and Nowland.)
Teague, Walter D., New York, W. D. Teague, Jr., Forest Hills, and R. L. Nowland, New York, N. Y., assignors to The National Cash Register Company, Dayton, Ohio. Indication for cash registers and accounting machines. 2,221,063; Nov. 12.
Teahen, James M. Detroit, Mich. Water closet. 2,190,437; Feb. 13.
Teahen, James M., Detroit, Mich. Valve. 2,213,753; Sept. 3.
Teal, Gordon K. (See Diggory, B. A., and Teal.)
Teal, Gordon K. (See Hefele, J. R., and Teal.)
Teal, Gordon K. (See Pierce, J. R., and Teal.)
Teal, Gordon K., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,196,278; Apr. 9.
Teal, Percy P., Norristown, Pa. Measuring device for lubricating systems. 2,205,320; June 18.
Teamer, Mildred B., Philadelphia, Pa. Garment. 2,199,450; May 7.
Teamer, Mildred B., Philadelphia, Pa. Gown. 2,221,851; Nov. 19.
Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Filter. 2,185,281; Jan. 2.
Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,185,282; Jan. 2.
Tear, James D., Great Neck, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Stop mechanism. 2,227,114; Dec. 31.
Teatini, Dario, Hougaerde, Belgium. Diffusion apparatus. 2,214,978; Sept. 17.
Teats, Roscoe, Denver, Colo., assignor to American Smelting & Refining Company, New York, N. Y. Preventing mist above the surface of an electrolyte evolving gas. 2,223,973; Dec. 3.
Tebaldi, Alessandro, assignor of one-half to Fabbrica Automobili Isotta Fraschini, Milan, Italy. Explosion engine. 2,219,241; Oct. 22.
Tebo, Gordon B. (See Buchanan, W. B., and Tebo.)
Tecca, Angelo and P., Livingston, Mont. Flange oiler. 2,190,554; Feb. 13.
Tecca, Patrick. (See Tecca, Angelo and P.)
Technical Oil Tool Corporation. (See Culbertson, Joe W., assignor.)
Technical Measurement Corporation. (See Langer, Nicholas, assignor.)
Technicolor Motion Picture Corporation. (See Ball, J. A., and Pohl, assignors.)
Technicolor Motion Picture Corporation. (See Bennis, Charles D., assignor.)
Technicolor Motion Picture Corporation. (See Carlson, Adolphe E., assignor.)
Technicolor Motion Picture Corporation. (See Hoch, Winton C., assignor.)
Technicolor Motion Picture Corporation. (See Whittaker, Lloyed E., assignor.)
Technicolor Motion Picture Corporation. (See Zipser, Sidney, assignor.)
Technigraph, Inc. (See Allen, John C., assignor.)
Techno-Chemical Laboratories Limited. (See Gram, T., and Testrup, assignors.)
Tedeschi, Achille, Milan, Italy, assignor to J. Ciocher, Guttenberg, N. J. Atomizer nozzle. 2,187,797; Jan. 23.
Tedham, William F. (See Broadway, L. F., and Tedham.)
Tedtman, Henry A., Chicago, Ill. Hood lock for automobiles. 2,206,137; July 2.
Teegerstrom, Harold L., Sanford, Tex., assignor to United Carbon Company, Inc., Charleston, W. Va. Treating carbon black. 2,213,059; Aug. 27.
Teeple, Charles P., Park Ridge, assignor to Crane Packing Company, Chicago, Ill. Sealing means for liquids. 2,221,496; Nov. 12.
Teesdale, Clyde H. (See Antrim, C. H., and Teesdale.)
Teesdale Manufacturing Company. (See Antrim, C. H., and Teesdale, assignors.)
Teeter, Wilford H., assignor to General Motors Corporation. Dayton, Ohio. Refrigerating apparatus. 2,193,243; Mar. 12.
Teeter, Wilford H., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,201,596; May 21.
Teeter, Wilford H., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,202,175; May 28.
Teeters, Ray A. (See Zaborsky, Daniel, assignor.)
Teeters, Thomas, Snyder, N. Y. Furnace construction. 2,186,740; Jan. 9.
Teetor, Macy O., Newcastle, assignor to Perfect Circle Company, Hagerstown, Ind. Piston for internal combustion engines and the like. 2,210,310; Aug. 6.
Teevin, Alexander M., Detroit, Mich. Warm air register. 2,203,552; June 4.
Tefag Textil-Finanz A. G. (See Pfarrwaller, Erwin, assignor.)
Tefft, Charles F., Upper Arlington, Ohio, assignor to The Claycraft Company. Building block. 2,198,399; Apr. 23.
Tefi-Apparatebau Dr. Daniel K.-G. (See Daniel, Karl, assignor.)
Tegarty, John B., St. Clair, Mich., assignor, by mesne assignments, to The Standard Products Company, Port Clinton, Ohio. Injecting thermoplastic material into a mold. 2,199,144; Apr. 30.
Teicher, Albert. (See Kroch, F., Sandner, and Teicher.)
Teichmann, Charles F. (See Garrison, A. D., and Teichmann.)
Teichmann, Henry F., Washington, Pa., assignor to Forter-Teichmann Company. Roof for buildings. 2,218,926; Oct. 22.
Teichmann, Ludwig. (See von Zeppelin, H., and Teichmann.)
Teichmann, Ludwig, and H. Martini, Leverkusen-I. G. Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Decomposing zirconium ore. 2,204,454; June 11.
Teichner, Rudolph R., Jackson Heights, assignor to Western Electric Company, Incorporated, New York, N. Y. Safety shield. 2,217,501; Oct. 8.
Teis, Kenneth R., Tulsa, and W. O. Moore, Ada, Okla., assignors to The Guiberson Corporation, Dallas, Tex. Telescoping kelly drive. 2,222,207; Nov. 19.
Teitsworth, Clark S. (See Simpson, T. P., Payne, Crowley, and Teitsworth.)
Teker, John W., Erie, Pa., assignor to General Electric Company. Bearing lubricating system. 2,205,892; June 25.
Telefonaktiebolaget L. M. Ericsson. (See Bylander, Erland C., assignor.)
Telefonaktiebolaget L. M., Ericsson. (See Hullegård, Erik W., assignor.)
Telefonaktiebolaget L. M. Ericsson. (See Lienzén, David L., assignor.)
Telefonaktiebolaget L. M. Ericsson. (See Nilsson, Nils E., assignor.)
Telefonaktiebolaget L. M. Ericsson. (See Romanus, Harald A. R., assignor.)
Telefon-Apparat Fabrik E. Zwietusch and Company. (See Seidel, Willy, assignor.)
Telefonbau und Normalzeit G. m. b. H. (See Komusin, Erich, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Abrahamsohn, Max., assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Andrieu, Robert, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Andrieu, R., and Geiger, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Andrieu, R., and Schienemann, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Bartels, H., and Severin, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Bartels, H., and Ulbricht, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H. (See Benecke, Heinrich, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Benecke, H., and Bialk, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Berndt, Walter, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Beuermann, Wilhelm, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Braunschweig, W., and Zeun, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Brück, Lothar, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Bruckner, Richard, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Burgholz, Rudolf, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Buschbeck, Werner, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Buschbeck, W., and von Baeyer, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Diels, Kurt, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Diels, K., and Knoll, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Eichelberg, Edmund, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Eichholz, Bruno, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Eickemeyer, A., and Behrens, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Eisele, Karl, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Engbert, Willi, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Ewald, Wolfgang F., assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Franke, Ernst, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Fränz, Kurt, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Fritz, Karl, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Geiger, Max, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gerhard, Ernst, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gerlach, Erwin, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Goering, Hans, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gothe, Albrecht, assignor.)

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Graffunder, Walter, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Haase, Walter, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hartl, Ludwig, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hermann, Dietrich, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Herriger, Felix, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hildebrandt, Rainer, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hofer, R., and Gürtler, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hollmann, Hans E., assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Ilberg, Waldemar, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Johannesson, Benno, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Johannesson, B., and Tüxen, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Johnske, F., and Romeike, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b H. (See Karolus, August, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Karolus, A., and Schröter, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kleen, Werner, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Klotz, Ernst, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Knoblauch, H., and Kluge, assignors.)
Telefunken Gesellschaft fur Drahtlose Telegraphie m. b. H (See Knoll, Max, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Knoll, M., and Schloemilch, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Köhler, Helmut, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kotowski, P., and Dannehl, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H (See Kotowski, P., Sonnenfeld, and Vogt, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Krügel, Lothar, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kudar, Hans, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kümmich, Richard, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kümmich, R., and Gothe, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kümmich, R., and Rukop, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Leib, August, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Leifer, Alfred, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Loewenhaupt, Emil, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Mahnken, Werner, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Noack, Willi, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Otto, Ewald, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Peters, Wilhelm, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Pfister, Hubert, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Pitsch, Helmut, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Pitsch, H., and Tüxen, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Rahn, E., and Willwacher, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Rechnitzer, Rudolf, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Richter, Ewald, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Roosenstein, Hans O., assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Roosenstein, H. O., and Geiger, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Rothe, H., and Kleen, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Runge, Wilhelm, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Runge, W., and Gothe, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Runge, W., and Röhrich, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schienemann, Rudolf, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schierl, Friedrich, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schilgen, Fritz, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schneider, Wilhelm, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schönfeld, Wilhelm, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schröder, Heinrich, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schroeder, Willy, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schröter, Fritz, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schröter, F., Knoll, Klüge, and Etzold, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schulz, Ernst, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schüssler, Karl, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schweitzer, Gerhard, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Siegert, Ludwig, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Steimel, Karl, assignor.)
Telefunken Gesellschaft fur Drahtlose Telegraphie m. b. H. (See Steimel, K., and Mie, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Steimel, K., and Wilhelm, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Steinhausen Hans-Werner, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie mit beschrankter Haftung. (See Steinmetz, Joachim, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Stepp, Wilhelm, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Tillmann, Theo, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Tüxen, Otto, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Ulbricht, Günther, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Ulbricht, G., and Weber, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Urtel, Rudolf, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H.) (See von Bronk, Otto, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See von Radinger, Rudolf, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Warmbier, Albert, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Weber, Günther, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Wilhelm, Karl, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Wilhelm, K., and Kettel, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Zittrich, E., and Wenzel, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches Ufer 12/13. (See Wilhelm, Karl, assignor.)
Telegraph Condenser Company Limited, The. (See Brown, Sidney G., assignor.)
Telephon-Apparat Fabrik E. Zwietusch and Company. (See Schiffmann, K., and Walter, assignors.)
Telephone Laboratories, Incorporated. (See Crabtree, Theodore H., assignor.)
Telephone Manufacturing Company Limited. (See Paddle, Leslie H., assignor.)
Telephonics Corporation. (See Weidenman, William T., Sr., assignor.)
Teleradio Engineering Corporation. (See Ketcham, Lyman G., assignor.)
Teleregister Corporation, The. (See Haselton, M. L., and Hicks, assignors.)
Teleregister Corporation. (See Herbst, John A., assignor.)
Teleregister Corporation, The. (See Hicks, Raymond M., assignor.)
Teleregister Corporation, The. (See Hicks, R. M., and Haselton, assignors.)
Teleregister Corporation, The. (See May, Harold F., assignor.)
Teleregister Corporation, The. (See May, H. F., and Stratton, assignors.)
Teleregister Corporation, The. (See Quinby, William F., assignor.)
Telescope Folding Furniture Company, The. (See Parry, Amos G., assignor.)
Teletype Corporation. (See Bracken, Stanley, assignor.)
Teletype Corporation. (See Burcky, Charles W., assignor.)
Teletype Corporation. (See Campion, G. H., and Dahlgren, assignors.)
Teletype Corporation. (See Forsman, Fred, assignor.)
Teletype Corporation. (See Hanke, Edwin W. F., assignor.)
Teletype Corporation. (See Hulfish, David S., assignor.)
Teletype Corporation. (See Kleinschmidt, Edward E., assignor.)
Teletype Corporation. (See Kleinschmidt, E. E., and Hulfish.)
Teletype Corporation. (See Krum, H. L., and Reiber, assignors.)
Teletype Corporation. (See Krum, H. L. and Swan, assignors.)
Teletype Corporation. (See Lake, Ross A., assignor.)
Teletype Corporation. (See Larson, Edward S., assignor.)
Teletype Corporation. (See Larson, E. S., and Levin assignors.)
Teletype Corporation. (See Lottermann, Herman, assignor.)

Teletype Corporation. (See Morton, Sterling, assignor.)
Teletype Corporation. (See Madsen, Berthel F., assignor.)
Teletype Corporation. (See Pagenkopf, Walter H., assignor.)
Teletype Corporation. (See Potts, Louis M., assignor.)
Teletype Corporation. (See Reiber, Albert H., assignor.)
Teletype Corporation. (See Stussi, J., and Zenner, assignors.)
Teletype Corporation. (See Zenner, Walter J., assignor.)
Teletypesetter Corporation. (See Eddy, William H., assignor.)
Teletypesetter Corporation. (See Potts, Louis M., assignor.)
Teletypesetter Corporation. (See Sylvester, Kimmel A., assignor.)
Tellegen, B. D. H. (See Verbeek, H. P. J., and Tellegen.)
Tellegen, Bernardus D. H. (See Haantjes, J., and Tellegen.)
Tellegen, Bernardus D. H., and A. van Weel, Eindhoven, Netherlands, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio receiver circuit arrangement. 2,201,325; May 21.
Tellegen, Bernardus D. H., and v. C. Henriquez, Eindhoven, Netherlands, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Installation for reducing nonlinear distortion in amplifying systems. 2,212,850; Aug. 27.
Teller, G. and J. (See Schulz, Arthur P., assignor.)
Teller, G. and J. (See Teller, J., and Schulz, assignors.)
Teller, Jacob, Chicago, and A. P. Schulz, Hinsdale, assignors to G. & J. Teller, Chicago, Ill. Oil range top construction. 2,191,358; Feb. 20.
Teller, Jacob, Chicago, Ill., and A. P. Schulz, Michigan, City, Ind., assignors to G. and J. Teller, Chicago, Ill. Cooking top broiler. 2,207,307; July 9.
Teller, W. K., Riverside, Ill., assignor to The Pharma-Craft Corporation. Perspiration inhibiting material. 2,210,013; Aug. 6.
Teller, W. K., Riverside, Ill., assignor to The Pharma-Craft Corporation. Noncorrosive perspiration inhibiting composition. 2,210,014; Aug. 6.
Tembreull, John P., Seattle, Wash. Folding crib. 2,194,130; Mar. 19.
Temple, Clyde V., Tyler, assignor to The Guiberson Corporation, Dallas, Tex. Gas lift valve. 2,204,834; June 18.
Temple, Robert, Jr., Pittsburgh, Pa. Underwater connector. 2,189,439; Feb. 6.
Temple, Robert, Jr., Pittsburgh, Pa. Pipe press. 2,202,125; May 28.
Temple, Robert, Jr., Pittsburgh, Pa. Tool. 2,213,435; Sept. 3.
Temple, Robert, Jr., Pittsburgh, Pa. Rivet remover. 2,221,157; Nov. 12.
Templeton, John B., Dallas, Tex. Barge. 2,200,661; May 14.
Templeton, John D., Winston-Salem, N. C. Stop means for knitting machines. 2,196,431; Apr. 9.
Templeton, Raymond E., Adair, Okla. Hole digging machine. 2,217,300; Oct. 8.
Templeton, William E., Mercer County, Pa. Potato digger of the underslung type. 2,198,427; Apr. 23.
Templin, Richard L., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Making tubular sheet material. 2,190,494; Feb. 13.
Tenacity Manufacturing Company, The. (See Griffin, Michael G., assignor.)
Tendeloo, Henricus J. C., Wageningen, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Production of colored images by photography. 2,193,574; Mar. 12.
Tendeloo, Henricus J. C., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Insecticide, fungicide, and the like. 2,225,573; Dec. 17.
Tendler, Max, Los Angeles, Calif. Exhaust manifold for internal combustion engines. 2,217,241; Oct. 8.
Tennant, G. H., Company. (See Pennock, E. M., and Price, assignors.)
Tennant, Joseph A. (See Allen, H., Tennant, and Works.)
Tennant, Roger L., Dallas, Tex. Dispensing apparatus for storage tanks. 2,204,329; June 11.
Tennefos, Jens P., Fargo, N. Dak. Hinged belt coupler. 2,222,381; Nov. 19
Tennessee Copper Company. (See Booton, L. W., and Burns, assignors.)
Tennessee Eastman Corporation. (See Karrer, S., and Lusby, assignors.)
Tennessee Eastman Corporation. (See Othmer, Donald F., assignor.)
Tennison Brothers, Incorporated. (See Tennison, James D., assignor.)
Tennison, James D., assignor to Tennison Brothers, Incorporated, Memphis, Tenn. Making laminated shingles. 2,227,205; Dec. 31.
Ten-O-Win Amusement Company. (See McLean, Daniel O., assignor.)
Tension Envelope Corporation. (See Swab, Jay G., assignor.)
Teodonno, Joseph J., Denver, Colo. Finishing motion picture screens. 2,212,576; Aug. 27.
Te Pas, Coletta A., administratrix. (See Berg, Emil G.)
Te Pas, Edmund J. (See Berg, Emil G., assignor.)
Teppema, Jan, Cambridge, and T. C. Morris, Belmont, Mass., assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Heating apparatus for shoe parts. 2,186,941; Jan. 16.
Tercero, Jesús M., Laredo, Tex. Dual accelerator. 2,202,126; May 28.
Ter Horst, William P. (See Howland, L. H., and ter Horst.)
Ter Horst, William P., Packanack Lake, N. J., assignor to United States Rubber Company, New York, N. Y. Parasiticidal preparation. 2,206,758; July 2.
Ter Horst, William P., Packanack Lake, N. J., assignor to United States Rubber Company, New York, N. Y. Fungicidal preparation. 2,217,207; Oct. 8.
Ter Horst, William P., Packanack Lake, N. J., assignor to United States Rubber Company, New York, N. Y. Stabilizers for fibrous textile materials. 2,218,185; Oct. 15.
Ter Horst, William P., Packanack Lake, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Parasiticide. 2,220,980; Nov. 12.
Ter Horst, William P., Packanack Lake, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Fungicide. 2,220,981; Nov. 12.
Ter Horst, William P., Packanack Lake, and R. W. Eldridge, Nutley, N. J., assignors to United States Rubber Company, New York, N. Y. Insecticide and insect repellent. 2,197,624; Apr. 16.
Terjesen, Tellef A., Orange, N. J., assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Alarm sending device. 2,210,512; Aug. 6.
Terkel, Abraham, San Francisco, Calif. Vented valve. 2,197,352; Apr. 16.
Terkelsen Machine Company. (See Derry, Jasper, assignor.)
Terman, Frederick E., Stanford University, Calif. High-efficiency amplifier. 2,215,672; Sept. 24.
Terman, Frederick E., and W. W. Hansen, Stanford University, Calif. Directional radiating system. 2,218,487; Oct. 15.
Ternstedt Manufacturing Company. (See Andersen, Andrew C., assignor.)
Ternstedt Manufacturing Company. (See Bihler, Walter G., assignor.)
Ternstedt Manufacturing Company. (See Boyd, George H., assignor.)
Ternstedt Manufacturing Company. (See Carlson, Eric S., assignor.)
Ternstedt Manufacturing Company. (See Cooley, Floyd A., assignor.)
Ternstedt Manufacturing Company. (See Greif, Alfred S., assignor.)
Ternstedt Manufacturing Company. (See Hickman, John G., assignor.)
Ternstedt Manufacturing Company. (See Hickman, J. G., and Lamerand, assignors.)
Ternstedt Manufacturing Company. (See Lakin, John W., assignor.)
Ternstedt Manufacturing Company. (See Pearce, Henry A., assignor.)
Ternstedt Manufacturing Company. (See Rhein, Lloyd R., assignor.)
Ternstedt Manufacturing Company. (See Simpson, Emory G., assignor.)
Ternstedt Manufacturing Company. (See Solomon, H. D., and Humer, assignors.)
Ternstedt Manufacturing Company. (See Wernig, J. H., and Chutorash, assignors.)
Terrell, Edward, London, England. Bottle. 2,215,942; Sept. 24.
Terrell, Gertrude H., Cincinnati, Ohio. Window fixture. 2,201,356; May 21.
Terrell, John R. F., South Yarra, Victoria, Australia. Controlling electric circuits. 2,217,573; Oct. 8.
Terrill, Clair J., Evanston, assignor to Harry Davies Molding Co., Chicago, Ill. Knob. 2,189,845; Feb. 13.
Terroni, Teseo B. D., Liverpool, England, assignor to Associated Telephone & Telegraph Company, Chicago, Ill. Electrical signaling system. 2,212,721; Aug. 27.
Terry, Charles M., assignor to A. W. Cash Company, Decatur, Ill. Combustion control. 2,197,904; Apr. 23.
Terry, Edward F., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Oiling device 2,220,301; Nov. 5.
Terry, Herbert, & Sons Limited. (See Carwardine, George, assignor.)
Terry, Joseph T., South Pasadena, assignor of one-half to H. F. Beardslee, Los Angeles, Calif. Treating ores. 2,196,233; Apr. 9.
Terry, Matson C. (See Komroff, P., Lambert, and Terry.)
Terry, Matson C. (See Lambert, R. D., Komroff, and Terry.)
Terry, Matson C., New Rochelle, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Air conditioning apparatus. 2,209,800; July 30.
Terry, Owen R., Evanston, Ill. Fountain pen filling device. 2,193,260; Mar. 12.
Terry, Owen R., Evanston, Ill. Fountain pen filling device. 2,203,475; June 4.
Terry, Robert W., Columbus, Ohio. System for conducting stained antigen tests. 2,194,131; Mar. 19.
Terry, Roy V. (See Edwards, W. H., Porter, and Terry.)

Terzian, John G., assignor of one-half to N. G. Terzian, West Medford, Mass. Work support for stitching machines. 2,201,060; May 14.
Terzian, Nishan G. (See Terzian, John G., assignor.)
Tesch, Walter. (See Reiche, W., and Tesch.)
Tessé, Félix, La Courneuve, assignor to Société dite: Societe Generale De Bonneterie, Troyes, (Aube), France. Picking device for flat hosiery knitting frames having nooked needles. 2,198,846; Apr. 30.
Tessé Félix, La Courneuve, assignor to Société dite: Societe Generale De Bonneterie, Troyes, (Aube), France. Hosiery knitting frame. 2,222,918; Nov. 26.
Tessier, Joseph D., Worcester, Mass. Emergency door opening tool. 2,189,480; Feb. 6.
Tessky, Karl, Esslingen-on-the-Neckar, Germany. Device for dressing grinding tools. 2,225,489; Dec. 17.
Test, Francis W. (See Mohun, J. L., Brown, and Test.)
Testa, Joseph C., Long Beach, Calif. Combustion promoting device. 2,210,473; Aug. 6.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,193,909; Mar. 19.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,194,815; Mar. 26.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,212,624; Aug. 27.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,213,291; Sept. 3.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Detachable-blade knife. 2,213,292; Sept. 3.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,223,310; Nov. 26.
Testrite Instrument Company. (See Neuwirth, Herman, assignor.)
Testrup, Nils. (See Gram, T., and Testrup.)
Tetco Co. (See Saffell, Harold V., assignor.)
Tetens, Raymond E., Lansing, assignor to General Motors Corporation, Detroit, Mich. Grommet seal. 2,186,277; Jan. 9.
Teter, Ebert A. (See Jones, R. L., and Teter.)
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Gasoline antioxidant. 2,211,180; Aug. 13.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Nitrosation of phenols. 2,225,357; Dec. 17.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Nitrosation of phenolic mixtures. 2,225,358; Dec. 17.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Gasoline antioxidant. 2,226,787; Dec. 31.
Tetrault, Victor J., Nashua, N. H., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Inseam shoe sewing machine. 2,200,402; May 14.
Tetreault, Joseph E., et al. (See Boivin, Odilon, assignor.)
Teupel, Ernst. (See Müller, W., Wahl, and Teupel.)
Teupel, Ernst, Schkopau, and O. Wahl, Leverkusen-I. G.-Werk, Germany, assignors to General Aniline & Film Corporation. Dyestuffs of the triarylmethane series. 2,200,938; May 14.
Teves, Marten C. (See Bandringa, M., and Teves.)
Teves, Marten C. (See Bruining, H., de Boer, and Teves.)
Teves, Marten C. (See Coeterier, F., and Teves.)
Teves, Marten C., H. H. Kraak, deceased, by E. Kraak-Cramer, heir, and M. Bandringa, Eindhoven, Netherlands, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Cathode ray tube. 2,197,625; Apr. 16.
Tew, Robert H., et al., executors. (See Nagle, P. J., and Englert.)
Tewell, Coyle H., Robertsdale, Pa. Corn cutter. 2,188,020; Jan. 23.
Texaco Development Corporation. (See Darling, Sturgis W., assignor.)
Texaco Development Corporation. (See Gray, George W., assignor.)
Texaco Development Corporation. (See Hart, Sterling P., assignor.)
Texaco Development Corporation. (See Kuhn, Wayne E., assignor.)
Texaco Development Corporation. (See Manley, R. E., McCarty, and Overbaugh, assignors.)
Texaco Development Corporation. (See Puryear, Oney P., assignor.)
Texaco Development Corporation. (See Savage, Rufus L., Jr., assignor.)
Texaco Development Corporation. (See Stratford, William M., assignor.)
Texaco Development Corporation. (See Trow, Richard F., assignor.)
Texaco Development Corporation. (See Watson, Claude W., assignor.)
Texas Company, The. (See Anné, Charles T., assignor.)
Texas Company, The. (See Anné, C. T., Wilson, and Patterson.)
Texas Company, The. (See Ashburn, H. V., and Alsop, assignors.)
Texas Company, The. (See Ashburn, H. V., Conary, and Stutsman, assignors.)
Texas Company, The. (See Barber, Everett M., assignor.)
Texas Company, The. (See Clarke, Louis A., assignor.)
Texas Company, The. (See Conary, R. E., and Ashburn, assignors.)
Texas Company, The. (See Davis, E. L., Cole, Larson, and Wells, assignors.)
Texas Company, The. (See Deutser, A. J., and Nelson, assignors.)
Texas Company, The. (See Dieserud, Helge C., assignor.)
Texas Company, The. (See Eastman, Du Bois, and Richker, assignors.)
Texas Company, The. (See Garrison, Allen D., assignor.)
Texas Company, The. (See Garrison, A. D., and Teichmann, assignors.)
Texas Company, The. (See Gee, William P., assignor.)
Texas Company, The. (See Giliasso, Louis, assignor.)
Texas Company, The. (See Goldsby, Arthur R., assignor.)
Texas Company, The. (See Goldsby, A. R., and Watson, assignors.)
Texas Company, The. (See Handling, A. I., and MacKnight, assignors.)
Texas Company, The. (See Hart, Sterling P., assignor.)
Texas Company, The. (See Hendrey, Waldersee B., assignor.)
Texas Company, The. (See Kiersted, W., Jr., and Scoville, assignors.)
Texas Company, The. (See Kuhn, Wayne E., assignor.)
Texas Company, The. (See Layne, Leslie A., assignor.)
Texas Company, The. (See Louis, George, assignor.)
Texas Company, The. (See Mangelsdorf, T. A., and Eastman, assignors.)
Texas Company, The. (See Mangelsdorf, T. A., Anné, and Wilson, assignors.)
Texas Company, The. (See Manley, R. E., and McCarty, assignors.)
Texas Company, The. (See McCarty, Bernard Y., assignor.)
Texas Company, The. (See Nelson, R. F., and Hurwitz, assignors.)
Texas Company, The. (See Oosterhout, J. C. D., and Quimby, assignors.)
Texas Company, The. (See Pevere, Ernest F., assignor.)
Texas Company, The. (See Pevere, E. F., Clarke, and Hach, assignors.)
Texas Company, The. (See Raney, C. L., and Humphrey, assignors.)
Texas Company, The. (See Rathbun, Robert B., assignor.)
Texas Company, The. (See Robison, William W., Jr., assignor.)
Texas Company, The. (See Ryan, W. J., and Kendall, assignors.)
Texas Company, The. (See Skelton, William E., assignor.)
Texas Company, The. (See Story, Le Roy, G., assignor.)
Texas Company, The. (See Synnott, Judson, B., Jr., assignor.)
Texas Company, The. (See Towne, Charles C., assignor.)
Texas Company, The. (See Van Gundy, M. C., Kaufman, and Hendrey, assignors.)
Texas Company, The. (See Watson, C. W., and Eastman, assignors.)
Texas Gulf Sulphur Company. (See Schwab, J. W., Powell and Smith, assignors.)
Texas Gulf Sulphur Company. (See Swem, Harry A., assignor.)
Texteel Wire Strip Company. (See Simons, Leon, assignor.)
Texter, Howard G., Tulsa, Okla., assignor to The National Supply Company, Pittsburgh, Pa. Making joints. 2,187,798; Jan. 23.
Textile Equipment, Inc. (See Holcombe, Homer H., assignor.)
Textile Machine Works. (See Anke, Rudolph.
Textile Machine Works. (See Autem, Fred, assignor.)
Textile Machine Works. (See Eshelman, Richard F., assignor.)
Textile Machine Works. (See Gastrich, Gustav, assignor.)
Textile Machine Works. (See Gastrich, G., and Haehnel, assignors.)
Textile Machine Works. (See Haehnel, Herbert E., assignor.)
Textile Machine Works. (See Held, Joseph, assignor.)
Textile Machine Works. (See Hug, Rudolph, assignor.)
Textile Machine Works. (See Ischinger, Alfred E., assignor.)
Textile Machine Works. (See Krenkel, Paul, assignor.)
Textile Machine Works. (See Pingel, Henry C., assignor.)
Textile Machine Works. (See Richter, Max, assignor.)
Textile Machine Works. (See Smetana, Otto F., assignor.)
Textile Specialty Company. (See Bond, E. R., and Hobbs, assignors.)
Thabur, Industrieele en Technische Handelmaatschappij N. V. (See Content, Klara, assignor.)
Thabur, Industrieele en Technische Handelmaatschappij N. V. (See Meyer, Wilhelm A. R., assignor.)
Thatcher, Arthur D. (See Notley, Joseph H., assignor.)
Thacher, George H., Melrose, Mass. Lock. 2,218,126; Oct. 15.

Thacker, Carlisle M., Toledo, assignor to The Pure Oil Company, Chicago, Ill. Catalytic dehydrogenation. 2,211,219; Aug. 13.
Thackeray, Robert C., Racine, Wis. Device for washing photographic prints. 2,205,053; June 18.
Thackston, William J., Haddon Heights, N. J., assignor to Röhm & Haas Company, Philadelphia, Pa. Resin emulsion. 2,196,367; Apr. 9.
Thada, Walter L., Klemme, Iowa. Animal trap. 2,194,838; Mar. 26.
Thaheld, Feri A., assignor to The Guiberson Corporation, Dallas, Tex. Means for flowing wells. 2,188,668; Jan. 30.
Thaheld, Feri A., assignor to The Guiberson Corporation, Dallas, Tex. Rod guide. 2,200,758; May 14.
Thaisz, Julius J., Rutherford, N. J. Motor mechanism. 2,189,258; Feb. 6.
Thaler, Wilhelm, Heidenheim-on-the-Brenz, Germany, assignor to American Voith Contact Co., Inc., New York, N. Y. Cylinder paper machine. 2,191,999; Feb. 27.
Thaler, Wilhelm, Heidenheim-on-the-Brenz, Germany, assignor to American Voith Contact Co. Inc., New York, N. Y. Device for bringing the stock stream upon the screen of a paper making machine. 2,203,802; June 11.
Thaler, Wilhelm, Heidenheim-on-the-Brenz, Germany, assignor to American Voith Contact Co. Inc., New York, N. Y. Suction roll for papermaking machines. 2,204,780; June 18.
Tharp, Harry L., Denver, Colo. Self-opening portfolio. 2,190,090; Feb. 13.
Thatcher, Arthur D. (See Notley, Joseph H., assignor.)
Thatcher, Harry W., assignor to Draper Corporation, Hopedale, Mass. Bobbin guide. 2,219,038; Oct. 22.
Thau, Philip F., New York, N. Y. Swivel T coupling. 2,191,688; Feb. 27.
Thaxton, George O., assignor of one-half to I. L. Burton, Pittsburgh, Pa. Mailbox and signal therefor. 2,219,718; Oct. 29.
Thayer, Bruce W. (See Bauer, H. F., and Thayer.)
Thayer, Clarence H., Wallingford, Pa., and T. B. Prickett, Woodbury, N. J., assignors to Houdry Process Corporation, Wilmington, Del. Apparatus for indicating leakage in valves. 2,200,310; May 14.
Thayer, Garold T., et al. (See Thayer, John D., assignor.)
Thayer, George, East Chicago, Ind., assignor to Sinclair Refining Company, New York, N. Y. Refining. 2,191,919; Feb. 27.
Thayer, John D., Lapaz, assignor of one-third to A. Jenkins, Arcadia, and one-third to G. T. Thayer, Lapaz, Ind. Liquid cooler. 2,210,513; Aug. 6.
Thayer, Paul M., Milwaukee, Wis. Method and apparatus for filtering sewage. Re. 21,652; Dec. 3.
Thayer, Perry A., et al. (See Miller, Dee, assignor.)
Thayer, Starr. (See Smith, Alonzo L., assignor.)
Thearle, Ernest L., Schenectady, N. Y., assignor to General Electric Company. Balancing apparatus. 2,196,039; Apr. 2.
Thedford, William H., North Tarrytown, and W. F. Harriett, Woodhaven, assignors to William S. Doig Inc., Brooklyn, N. Y. Nailing machine. 2,197,371; Apr. 16.
Theenhausen, Heinrich. (See Bölter, W., and Theenhausen.)
Thege, Edvin O. P., assignor to Aktiebolaget Atlas-Diesel, Stockholm, Sweden. Torsional vibration damper. 2,194,917; Mar. 26.
Thege, Edvin O. P., assignor to Aktiebolaget Atlas-Diesel, Stockholm, Sweden. Torsional vibration damper. 2,205,445; June 25.
Theibaud, Henri, Bienne (Schweiz), Switzerland, assignor to The Gruen Watch Company, Cincinnati, Ohio. Watch movement. 2,189,334; Feb. 6.
Thiebaud, Henri, Bienne, Switzerland, assignor to The Gruen Watch Company, Cincinnati, Ohio. Watch construction. 2,194,452; Mar. 19.
Theibault, Albert K., Sr., Lakewood, N. J. Golf club. 2,201,638; May 21.
Theis, Joseph, Hutchinson, Kans. Ridge guide. 2,197,670; Apr. 16.
Theis, Matthew F., Minneapolis, Minn. Mail-sacking accessory. 2,203,067; June 4.
Theiss, Harry W. (See Wean, R. J., and Theiss.)
Theiss, Harry W., Louisville, Ohio, assignor to Continental Steel Corporation, Kokomo, Ind. Feeding mechanism for metal sheets. 2,197,817; Apr. 23.
Thelander, W. V., Rockford, Ill. Friction clutch. 2,214,780; Sept. 17.
Thelander, W. Vincent, Rockford, Ill. Clutch plate. 2,221,823; Nov. 19.
Then, Alois, Astoria, N. Y. Safety swimming suit. 2,197,228; Apr. 16.
Then, Edward O., Newark, N. J., assignor to American Can Company, New York, N. Y. Container. 2,185,236; Jan. 2.
Theriault, Joseph G., Milton, Mass. Advertising sign for automobiles. 2,201,002; May 14.
Thermador Electrical Mfg. Co. (See Fogwell, Harrison H., assignor.)
Thermador Electrical Manufacturing Co. (See Mooney, Harry V., assignor.)
Thermek Corporation. (See Hoesel, Anthony F., assignor.)
Thermek Corporation. (See Kritzer, Richard W., assignor.)
Thermek Corporation. (See Swanson, Fred R., assignor.)
Thermo Fire Brick Company, The. (See Hicks, Howard, assignor.)
Therriault, Telesphore E., Manchester, N. H. Feed modifying attachment for shoe rounding and channeling machines. 2,191,779; Feb. 27.
Thervac Products, Inc. (See Lieber, Isaac, assignor.)
Thexon Manufacturing Company. (See Worel, Glen J., assignor.)
Thexton, Arthur L., Fort Thomas, Ky., assignor to Clopay Corporation, Cincinnati, Ohio. Paper window shade. 2,200,481; May 14.
Thibault, Joseph O., assignor to Casco Products Corporation, Bridgeport, Conn. Electric motor. 2,195,801; Apr. 2.
Thiberg, George, assignor of one-half to D. Miller, New York, N. Y. Activated display device. 2,186,564; Jan. 9.
Thiele, Ernest W., assignor to Standard Oil Company, Chicago, Ill. Motor fuel from wax. 2,205,607; June 25.
Thiele, Ernest W., and J. H. Forrester, assignors to Standard Oil Company, Chicago, Ill. Combination cracking. 2,219,345; Oct. 29.
Thiele, Helmuth M., Milwaukee, Wis. Speed regulator for automobiles. 2,209,044; July 23.
Thiele, Max. (See Greune, H., Thiele, and Langbein.)
Thiele, William F., Wisconsin Rapids, and H. B. Richmond, Stevens Point, Wis., assignors, by mesne assignments of nine-tenths to Consolidated Water Power & Paper Company, and one-tenth to P. J. Massey, River Forest, Ill. Coating paper. 2,216,143; Oct. 1.
Thielen, Paul F. (See Stroupe, A. H., and Thielen.)
Thielepape, Arnold W., Austin, Tex. Builder's trestle. 2,198,956; Apr. 30.
Thielers, Ernst M., S. D. Vigren, and S. H. Käfsten, Stockholm, Sweden. Hydrometer and arrangement for remote control of liquids. 2,198,351; Apr. 23.
Thielicke, Willi, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Character transmitting device. 2,208,348; July 16.
Thielscher, Karl L. (See Stewart, Lory B., assignor.)
Thiemann, William B., Albert City, Iowa. Steering mechanism for tractors. 2,214,979; Sept. 17.
Thieme, Paul, Berlin-Sudende, Germany, assignor to General Electric Company. Electric circuit breaker. 2,205,321; June 18.
Thiemer, Hans, assignor to Felten & Guilleaume Carlswerk Eisen & Stahl A. G., Cologne-Mulheim, Germany. Method and apparatus for manufacturing barbed wire. 2,203,068; June 4.
Thierbach, Dietwald, Berlin-Spandau, assignor to Siemens & Halske Aktiengesellschaft, Berlin-Spandau, Germany. Automatic amplification control. 2,204,975; June 18.
Thierfelder, Harry A., assignor to Phoenix Hosiery Company, Milwaukee, Wis. Knitting machine and machine method of knitting hosiery. 2,195,978; Apr. 2.
Thies Dyeing Mills, Inc. (See Jaeger, A., and Trinder, assignors.)
Thiesen, Hugo A. J., St. Louis, Mo. Fluid motor. 2,188,546; Jan. 30.
Thigpen, Emmitt B., Macon, assignor of one-fourth to W. A. Mason, and one-fourth to J. W. Douglas, Bibb County, Ga. Top spinning device. 2,188,824; Jan. 30.
Thillard, Martha C., New York, N. Y. Sewing pad. 2,224,751; Dec. 10.
Thillard, Paul R. (See Britton, E. R. H., and Thillard.)
Thinglum, Albert E., assignor of fifty-one one-hundredths to A. F. Larson, Sioux Falls, S. Dak. Whipping and beating device. 2,210,608; Aug. 6.
Thinius, Kurt, Eilenburg, Germany, assignor, by mesne assignments, to W. H. Duisberg, New York, N. Y. Producing laundry articles. 2,224,994; Dec. 17.
Thiokol Corporation. (See Martin, Samuel M., Jr., assignor.)
Thiokol Corporation. (See Patrick, Joseph C., assignor.)
Third National Bank, et al., administrators. (See Musgrave, James R.)
Thirlwell, Robert, Newcastle-on-Tyne, England. Sling lock. 2,220,629; Nov. 5.
Thirlwell, Thomas W., Mount Vernon, Ohio. Direction signal switch. 2,226,082; Dec. 24.
Thirlwell, Thomas W., Saint Albans, W. Va. Direction indicator switch. 2,221,276; Nov. 12.
Thirring, Hans, Vienna, Austria. Braking device for skiing. 2,213,754; Sept. 3.
Thiry, Johannes. (See Fischel, E., and Thiry.)
Thiry, Johannes. (See Roland, H., and Thiry.)
Thiry, Johannes, Berlin-Sudende, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung, Berlin, Germany. Automatic steering device for aircraft. 2,190,390; Feb. 13.
Thiry, Johannes, Berlin-Sudende, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung, Berlin, Germany. Aircraft control. 2,190,391; Feb. 13.
Thiry, Johannes, Berlin-Charlottenburg, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung, Berlin, Germany. Servomotor for aircraft. 2,219,967; Oct. 29.
Thiry, Leon, Huy, Belgium. Connection between a propeller and its driving shaft. 2,214,512; Sept. 10.
Thofehrn, Georg, and H. Rauchholz, Berlin, Germany. Portable structure. 2,187,436; Jan. 16.

Tholl, John F. (See Little, R., Fraim, and Tholl.)
Tholl, John F., Needham, assignor to American Tool & Machine Co., Hyde Park (Boston District), Mass. Centrifugal separator. 2,195,710; Apr. 2.
Thoma, Hans, Karlsruhe, Baden, Germany. Hydraulic device. 2,193,118; Mar. 12.
Thoma, Hans, Karlsruhe, Baden, Germany. Power transmission. 2,198,891; Apr. 30.
Thoma, Willard F., assignor to National Stamping Company, Detroit, Mich. Window operating mechanism. 2,185,321; Jan. 2.
Thomae, Eric. (See Kröper, H., and Thomae.)
Thomann, Frederick A. (See Kirby, F. W., and Thomann.)
Thomas, Adolph A., New York, N. Y,. assignor to Radio Corporation of America. Radio system. 2,188,165; Jan. 23.
Thomas, Adolphus D., San Bernardino, Calif. Last line indicating attachments for typewriters. 2,212,463; Aug. 20.
Thomas, Albert A., Indianapolis, Ind. Bone-setting splint. 2,214,490; Sept. 10.
Thomas, Albert G., Lynchburg Va. Cooling device. 2,188,089; Jan. 23.
Thomas, Albert G., Lynchburg, Va. Sterilizing device. 2,212,330; Aug. 20.
Thomas, Albert R., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Liquid fuel burner. 2,189,871; Feb. 13.
Thomas, Albert R., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,207,838; July 16.
Thomas, Albert R., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Dehumidifying system. 2,223,586; Dec. 3.
Thomas, Alden P., assignor to The Timken Roller Bearing Company, Canton, Ohio. Governor. 2,200,459; May 14.
Thomas, Alfred J. (See Eaton, C. G., and Thomas.)
Thomas, Alfred J., Braintree, Mass. Chain wrench. 2,215,824; Sept. 24.
Thomas, Andrew J., Mason City, Iowa. Christmas tree stand. 2,189,687; Feb. 6.
Thomas, Art, et al. (See Francis, George W., Sr., assignor.)
Thomas, Arthur, Wallington, assignor to Powers Accounting Machines Limited, London, England. Calculating machine. 2,198,708; Apr. 30.
Thomas & Betts Co., The. (See Bergan, Martin D., assignor.)
Thomas & Betts Co., The. (See Buchanan, Stephen N., assignor.)
Thomas & Betts Co., The. (See Thomas, George C., Jr., assignor.)
Thomas & Betts Co., The. (See Thomas, G. C., Jr., and Bergan, assignors.)
Thomas, Carl M., Forest Hills, N. Y. Window covering. 2,207,420; July 9.
Thomas, Charles A., Dayton, Ohio, assignor to The Sharples Solvents Corporation, Philadelphia, Pa. Sulphonic acids of aromatic compounds. 2,210,962; Aug. 13.
Thomas, Charles L. (See Bloch, H. S., and Thomas.)
Thomas, Charles L. (See Egloff, G., and Thomas.)
Thomas, Charles L. (See Grosse, A. V., and Thomas.)
Thomas, Charles L., and H. S. Bloch, assignors to Universal Oil Products Company, Chicago, Ill. Isomerization of normal olefins. 2,216,284; Oct. 1.
Thomas, Charles L., and H. S. Bloch, assignors to Universal Oil Products Company, Chicago, Ill. Isomerization of normal butene. 2,216,285; Oct. 1.
Thomas, Chester A. (See Babson, H. B., and Thomas.)
Thomas, Claud, Portland, Oreg., assignor of one-half to H. C. Olsen, San Francisco, Calif. Paint brush. 2,206,208; July 2.
Thomas, Clyde O., Kansas City, Mo. Pumping mechanism. 2,209,617; July 30.
Thomas, David E. F. (See Galbraith, R. A., Sampson, and Thomas.)
Thomas, David E. F. (See Komives, L. J., Wyatt, Courtis, Thomas, and Piper.)
Thomas, Dimitri, Chicago, Ill. Collapsible serving stand. 2,213,828; Sept. 3.
Thomas, Edward B. (See Oxley, H. F., and Thomas.)
Thomas, Edward B., and H. F. Oxley, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of methacrylic acid and esters thereof. 2,226,645; Dec. 31.
Thomas, Edward K., Miami, Fla. Trailer. 2,193,352; Mar. 12.
Thomas, Frank S., assignor of one-half to F. P. Martin, Topeka, Kans. Fuel burner. 2,214,568; Sept. 10.
Thomas, Frederick M., Edgware, assignor to The De Havilland Aircraft Company Limited, Edgware, Middlesex, England. Airscrew blade mounting. 2,223,081; Nov. 26.
Thomas, George C., Jr., assignor to The Thomas & Betts Co., Elizabeth, N. J. Pressed pipe coupler. 2,222,693; Nov. 26.
Thomas, George C., Jr., Elizabeth, and M. D. Bergan, Linden, assignors to The Thomas & Betts Co., Elizabeth, N. J. Solderless wire connector. 2,205,322; June 18.
Thomas, George F., Riverside, F. A. Ross, Lake Bluff, and J. Bystricky, assignors to Stewart-Warner Corporation, Chicago, Ill. Making lubricant receiving fittings. 2,210,107; Aug. 6.
Thomas, George F., Riverside, and J. Bystricky, Chicago, Ill., assignors to Stewart-Warner Corporation. Lubricating apparatus. 2,225,724; Dec. 24.
Thomas, George J., Birmingham, Mich. Hydraulic operator. 2,203,754; June 11.
Thomas, George P., Bayonne, N. J. Condiment receptacle. 2,189,454; Feb. 6.
Thomas, George P., Glenshaw, Pa. Shear. 2,193,148; Mar. 12.
Thomas, Gustav, Dresden, Germany. Compressor, particularly for refrigerators. 2,194,726; Mar. 26.
Thomas, Gustav, Dresden, Germany. Refrigerator. 2,198,508; Apr. 23.
Thomas, Harold B., Bloomfield, assignor to Elastic Stop Nut Corporation, Elizabeth, N. J. Pivot connection. 2,222,694; Nov. 26.
Thomas, Harold L., Monkseaton, Northumberland, England, assignor to Sperry Gyroscope Company, Brooklyn, N. Y. Searchlight. 2,208,613; July 23.
Thomas, Harry, assignor to Armstrong Cork Company, Lancaster, Pa. Bottle stopper. 2,192,511; Mar. 5.
Thomas, Harry E., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Multiband radio receiver. 2,189,688; Feb. 6.
Thomas, Henry C., Kansas City, Mo. Saw-sharpening device. 2,194,464; Mar. 26.
Thomas, Henry P., Schenectady, N. Y., assignor to General Electric Company. Television antenna. 2,212,625; Aug. 27.
Thomas, Idris, Whittier, Calif. Deep well tool. 2,191,000; Feb. 20.
Thomas, John H. (See Lind, C. M., and Thomas.)
Thomas, John H. (See Slayter, G., and Thomas.)
Thomas, John H., Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Apparatus for manufacturing glass wool. 2,192,944; Mar. 12.
Thomas, John H., E. Fletcher, and F. W. Atkinson, Newark, Ohio, assignors, by mesne assignments, to Owens-Corning Fiberglas Corporation. Method and apparatus for making glass wool. 2,189,822; Feb. 13.
Thomas, John H., Perrysburg, and G. M. Lannan, Newark, Ohio, assignors, by mesne assignments, to Owens-Corning Fiberglas Corporation. Method and apparatus for producing fibrous material. 2,219,346; Oct. 29.
Thomas, John L., Somerton, Ariz. Drag type scraper. 2,218,564; Oct. 22.
Thomas, John V., Altadena, assignor to Natural Gas Equipment Inc., Los Angeles, Calif. Gas pressure control system. 2,196,279; Apr. 9.
Thomas, John W., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Container control mechanism. 2,202,640; May 28.
Thomas, Joseph C., Akron, Ohio, assignor to E. Edelmann & Co., Chicago, Ill. Battery servicing kit. 2,191,837; Feb. 27.
Thomas, Joseph R., Chicago, Ill. Convertible seat. 2,197,735; Apr. 16.
Thomas, Josiah R., Parma, Idaho. Corrugating and crowning machinery. 2,199,295; Apr. 30.
Thomas, Laurence H. (See Kuhn, F., and Thomas.)
Thomas, Leonard C., New Orleans, La. License plate frame. 2,211,085; Aug. 13.
Thomas, Leslie G., Tenafly, assignor to Automatic Winding Company, Inc., East Newark, N. J. Electrostatic condenser. 2,185,777; Jan. 2.
Thomas, Lloyd R., assignor to The Youngstown Foundry & Machine Company, Youngstown, Ohio. Processing machine. 2,188,782; Jan. 30.
Thomas, Louis R., and F. E. Stewart, Indianapolis, Ind.; said Stewart assignor to said Thomas. Butter color mixer. 2,207,335; July 9.
Thomas, Luke C., Birmingham, Ala., and R. R. Robertson, Chicago, Ill. Dowel bar joint assembly. 2,207,168; July 9.
Thomas, Maurice B. Corpus Christi, Tex. Gas lift valve. 2,216,967; Oct. 8.
Thomas, Max. (See Krefft, H., Larché, and Thomas.)
Thomas, Otho L., Drexel Hill, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of hydrochloric acid. 2,213,556; Sept. 3.
Thomas, Paul. (See Lehne, T., Schluckebier, Thomas, and Wassmansdorff.)
Thomas, Phillips, Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic paralleling relay. 2,208,402; July 16.
Thomas, Raymond E., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Article of manufacture. 2,187,563; Jan. 16.
Thomas, Ross G., Jr., Cleveland, Ohio, assignor to International Business Machines Corporation, New York, N. Y. Carrier for ledger cards. 2,220,499; Nov. 5.
Thomas, Rosswell W. (See Cook, W., D., and Thomas.)
Thomas, Rosswell W., Birmingham, Mich., assignor to Phillips Petroleum Company. Combined regulator and relief valve device. 2,212,626; Aug. 27.
Thomas, Samuel B. (See Hund, W. J., Thomas, and Luten.)

Thomas, Samuel B., Oakland, and B. H. Cummings, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Separating thiophenols from alkyl phenols. 2,218,139; Oct. 15.
Thomas, Samuel I., Emporia, Kans. Ventilator. 2,221,497; Nov. 12.
Thomas & Skinner Steel Products Company. (See Piercy, Earl R., assignor.)
Thomas, Stanley R. (See Frauenthal, H., and Thomas.)
Thomas, Victor W., assignor to E. A. Harrington, trustee, Waukegan, Ill. Stroboscopic analyzer. 2,219,168; Oct. 22.
Thomas, Walter M., Chicago, and A. W. Schoof, Riverside, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Projection apparatus. 2,192,529; Mar. 5.
Thomas, William B., Greensboro, N. C., assignor to Universal Winding Company, Boston, Mass. Traverse mechanism. 2,201,597; May 21.
Thomas, William D. J. (See Stokes, R. O., and Thomas.)
Thomas, William H., Little Falls, N. Y. Reflector structure. 2,226,597; Dec. 31.
Thomas, William K., La Porte, Tex. Well heater. 2,202,034; May 28.
Thomas, William W. (See Haddad, G. J., Cox, and Thomas.)
Thomasen, Alfred W., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Switch box. 2,218,033; Oct. 15.
Thomason, Ernest K., Atlanta, assignor to Atlanta Utility Works, East Point, Ga. Rotary mixer. 2,201,748; May 21.
Thomason, Hjalmar, Los Angeles, Calif. Brake shoe grinder. 2,222,640; Nov. 26.
Thommen, Hans, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Circuit breaker control system. 2,213,658; Sept. 3.
Thompson, A. F., Mfg. Co. See Thompson, Augustus F., assignor.)
Thompson, A. R. (See Waterman, Frank A., assignor.)
Thompson, Albert, Spondon, near Derby, England, assignor to Celanese Corporation of America. Weaving operation on circular looms. 2,206,982; July 9.
Thompson, Albert C., Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge device. 2,196,040; Apr. 2.
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Can holding apparatus. 2,193,353; Mar. 12.
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Filling machine. 2,196,403; Apr. 9.
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Can handling machine. 2,211,802; Aug. 20.
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Can handling machine. 2,212,801; Aug. 20.
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Screw pump. 2,220,588; Nov. 5.
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Apparatus for conveying canned goods. 2,225,137; Dec. 17.
Thompson, Albert R., Los Gatos, and R. Fox, San Jose, assignors to Pacific Machinery Company, San Francisco, Calif. Depth gauging peach pitter. 2,187,063; Jan. 16.
Thompson, Albert T., New Orleans, La. Liquefier. 2,187,919; Jan. 23.
Thompson, Albert T., New Orleans, La. Pressure vessel closure. 2,215,412; Sept. 17.
Thompson, Albert T., New Orleans, La. Liquefier and method of carbonating beverages. 2,217,391; Oct. 8.
Thompson, Alfred E., and R. D. Salmon, assignors to Creed and Company Limited, Croydon, England. Type printing telegraph and like apparatus. 2,207,235; July 9.
Thompson, Alfred E., Croydon, and R. D. Salmon, assignors to Creed and Company Limited, Croydon, Surrey, England. Printing telegraph. 2,210,641; Aug. 6.
Thompson, Alfred E., and R. D. Salmon, assignors to Creed and Company Limited, Croydon, Surrey, England. Printing telegraph apparatus. 2,215,801; Sept. 24.
Thompson, Alfred E., and R. D. Salmon, assignors to Creed and Company Limited, Croydon, England. Transmitter for step-by-step telegraph systems. 2,215,802; Sept. 24.
Thompson, Almer J., assignor to The Carborundum Company, Niagara Falls, N. Y. Manufacture of silicon carbide resistors. 2,188,693; Jan. 30.
Thompson, Alva, Chicago, Ill., assignor to Corn Products Refining Company, New York, N. Y. Making levulinic acid. 2,206,311; July 2.
Thompson, Arthur C., Osage City, assignor of one-fourth to A. R. Munns and one-fourth to L. J. Pearce, Olathe, Kans. Typewriter cabinet. 2,194,333; Mar. 19.
Thompson, Augustus F., assignor of one-half to A. F. Thompson Mfg. Co., Inc., Huntington, W. Va. Wall facing. 2,188,021; Jan. 23.
Thompson Bros. Shoe Co. (See Sabel, I., and Macdonald, assignors.)
Thompson, Browder J., Basking Ridge, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,195,505; Apr. 2.
Thompson, Charles A., New Sharon, Maine. Frame for badminton and tennis rackets. 2,211,587; Aug. 13.
Thompson, Charles F., Richmond, Va. Optical projecting mechanism. 2,186,049; Jan. 9.
Thompson, Charles F., Richmond, Va. Electrical circuit controller. 2,213,232; Sept. 3.
Thompson, Charles F., Dumbarton, Va. Switch. 2,192,211; Mar. 5.
Thompson, Charles F., Dumbarton, Va. Totalizing mechanism for voting apparatus. 2,203,707; June 11.
Thompson, Charles F., Dumbarton, Va. Recorder mechanism for electrical roll call or voting apparatus. 2,210,963; Aug. 13.
Thompson, Charles F., Dumbarton, Va. Apparatus for electrically registering votes. 2,219,347; Oct. 29.
Thompson, Clifford J. (See Kidd, W. W., and Thompson.)
Thompson, Clifford J., Washington, D. C., dedicated to the free use of the People of the United States of America. Absorption cell chest for photometers. 2,186,915; Jan. 9.
Thompson, Clifford J., Washington, D. C., dedicated to the free use of the People of the United States of America. Calibrator for the compensating wedge of photometers. 2,188,097; Jan. 23.
Thompson Continuously Operating Filter Press Company. (See Thompson, Robert M., assignor.)
Thompson, Earl A., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Change-speed mechanism and control. 2,193,304; Mar. 12.
Thompson, Earl A., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Brake and clutch capacity control. 2,193,305; Mar. 12.
Thompson, Earl A., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Change speed gearing and control. 2,193,524; Mar. 12.
Thompson, Earl A., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Change-speed transmission and control. 2,195,605; Apr. 2.
Thompson, Earl A., Bloomfield Hills, assignor to General Motors Corporation, Detroit, Mich. Change speed gearing and control. 2,204,872; June 18.
Thompson, Earl E., Ross, N. Dak. Engine preheater. 2,210,049; Aug. 6.
Thompson, Edward A., assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,200,811; May 14.
Thompson, Elmer B., assignor to Globe Hoist Company, Des Moines, Iowa. Combined lifting and vibratory jack. 2,214,980; Sept. 17.
Thompson, Elmer B., assignor to Globe Hoist Company, Des Moines, Iowa. Automobile lift. 2,216,058; Sept. 24.
Thompson, Elmer O., Grasmere, N. Y., assignor, by mesne assignments, to Pennsylvania Patents, Inc., Carson City, Nev. Step-by-step switch. 2,206,926; July 9.
Thompson, Ernest H. (See Woodward, A. H., Richmond, and Thompson.)
Thompson, Ernest L., Washington, D. C. Fluid pressure motor. 2,189,088; Feb. 6.
Thompson, Errol M. (See Giessler, Curtis F., assignor.)
Thompson, Frank, Hamilton, Ontario, Canada, assignor to International Harvester Company. Drill cultivator. 2,189,185; Feb. 6.
Thompson, Frank, Newtown, Geelong, Victoria, Australia, assignor to International Harvester Company. Basin forming device. 2,211,917; Aug. 20.
Thompson, Frank S., assignor to T. C. Thompson & Son, Limited, Manchester, England. Inking arrangement of platen printing presses. 2,203,848; June 11.
Thompson, G. W., Liverpool, and A. P. B. Renshaw, Kingston Hill, assignors to Automatic Telephone & Electric Company, Limited, London, England. Traffic control system. 2,188,731; Jan. 30.
Thompson, George E. and J. E., Tracy, Calif. Power mower. 2,195,831; Apr. 2.
Thompson, George T., Lake City, Colo. Wire stretcher. 2,221,277; Nov. 12.
Thompson Grinder Company, The. (See Baldenhofer, William G., assignor.)
Thompson, Gustave W., Brooklyn, N. Y., and A. Stewart, Roselle, N. J., assignors to National Lead Company, New York, N. Y. White lead. 2,218,940; Oct. 22.
Thompson, Howard A., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Multiple control apparatus. 2,207,079; July 9.
Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for decreasing rail contact resistance. 2,211,181; Aug. 13.
Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,213,420; Sept. 3.
Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Annunciating apparatus. 2,215,892; Sept. 24.
Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,222,962; Nov. 26.

Thompson, Howard A., and G. W. Baughman, Edgewood, assignors to The Union Switch & Signal Company, Swissvale, Pa. Track circuit apparatus. 2,196,616; Apr. 9.

Thompson, Irving C., Cadillac, Mich., and F. W. Sturm; said Sturm assignor to The Wayne Pump Company, Fort Wayne, Ind. Lift. 2,224,529; Dec. 10.

Thompson, Iylo T., Des Moines, Iowa. Automatic transmission. 2,193,525; Mar. 12.

Thompson, Jack M., Willimantic, Conn. Cooling system. 2,205,128; June 18.

Thompson, James D., West Medford, Mass. Autopolisher. 2,200,194; May 7.

Thompson, James D., Eureka, Calif. Inkwell. 2,225,490; Dec. 17.

Thompson, James F. (See Fisher, H. C., Thompson, and Sooy.)

Thompson, James R., Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Protective covering for articles of manufacture during shipment in gondola cars and attaching the same. 2,218,441; Oct. 15.

Thompson, John. (See Johnson, T. A., McHardy, and Thompson.)

Thompson, John E. (See Thompson, G. E., and J. E.)

Thompson, Jonn H., Glendale, Calif. Variable speed device. 2,223,051; Nov. 26.

Thompson, John S., Detroit, and H. F. Bristol, Highland Park, assignors to The Patents Corporation, Detroit, Mich. Metal treating process. 2,206,064; July 2.

Thompson, John S., and H. K. Ward, Detroit, assignors to The Patents Corporation, Wayne County, Mich. Coating metals. 2,213,263; Sept. 3.

Thompson, Joseph W., assignor of one-fourth to D. E. Lofgren, Portland, Oreg. Attachment for apprehending motor vehicles. 2,194,623; Mar. 26.

Thompson, Joseph W., Wichita, Kans. Sanitary trash container. 2,202,238; May 28.

Thompson, Kenneth M., Aldan, assignor to The Atlantic Refining Company, Philadelphia, Pa. Recovery of petroleum sulphonic compounds. 2,223,194; Nov. 26.

Thompson, L. A. (See Rivera, Modesto, assignor.)

Thompson, Leslie E. (See Williams, A. L., and Thompson.)

Thompson, Leslie E. (See Williams, A. L., Thompson, and Cubitt.)

Thompson, Lincoln, Stamford, Conn. Apparatus for recording sound on thin disks. 2,200,866; May 14.

Thompson, Lincoln, assignor to The Soundscriber Corporation, Stamford, Conn. Electrodynamic pickup. 2,213,936; Sept. 3.

Thompson, Lincoln, assignor to The Sound Scriber Corporation, Stamford, Conn. Electromagnetic sound recorder. 2,222,342; Nov. 19.

Thompson, Lonnie L., Iowa Park, Tex. Rotary drill bit. 2,207,766; July 16.

Thompson, Lonnie L., assignor to Thompson Tool Company, Inc., Iowa Park, Tex. Rotary well drill. 2,208,530; July 16.

Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Electric circuit. 2,194,334; Mar. 19.

Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Electrical regulation. 2,196,041; Apr. 2.

Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Electrical regulating system. 2,211,612; Aug. 13.

Thompson, Louis W., and F. Mohler, Schenectady, N. Y., assignors to General Electric Company. Control system. 2,223,974; Dec. 3.

Thompson Manufacturing Company. (See Thompson, Walter Van E., assignor.)

Thompson, Marcus, assignor to A. T. Levy, Harrisville, R. I. Prefabricated building. 2,186,461; Jan. 9.

Thompson, Martin D., Brockton, assignor to Geo. E. Keith Company, Campello, Mass. Shoe. 2,210,735; Aug. 6.

Thompson, Martin Van E., assignor to Thompson Manufacturing Company, Los Angeles, Calif. Fluid operated motor reversing mechanism. 2,187,549; Jan. 16.

Thompson, Marvin R., Catonsville, Md., assignor to Eli Lilly and Company, Indianapolis, Ind. Ergot preparation and making same. 2,192,460; Mar. 5.

Thompson, Muriel L., Bloomfield, N. J. Measuring harness. 2,199,530; May 7.

Thompson-Neaylon Manufacturing Company. (See Thompson, Parker C., assignor.)

Thompson, Parker C., assignor to Thompson-Neaylon Manufacturing Company, Chicago, Ill. Battery cable terminal or the like. 2,222,577; Nov. 19.

Thompson Products, Inc. (See Burkhardt, Otto M., assignor.)

Thompson Products Incorporated. (See Colwell, Archie T., assignor.)

Thompson Products, Inc. (See Cox, John R., assignor.)

Thompson Products, Incorporated. (See Hufferd, G. H., and Graham, assignors.)

Thompson Products, Incorporated. (See Spire, William H., assignor.)

Thompson Products Incorporated. (See Venditty, Anthony, assignor.)

Thompson, Ralph E., Brookline, Mass. Safety razor. 2,189,689; Feb. 6.

Thompson, Ransom S., assignor to Skinner Motors, Inc., Detroit, Mich. Balancing reciprocating element. 2,194,249; Mar. 19.

Thompson, Rea W., Gary, Ind., assignor to General American Transportation Corporation, Chicago, Ill. Freight car construction. 2,207,361; July 9.

Thompson, Richard E., Brooklyn, N. Y. Powder puff and making same. 2,190,894; Feb. 20.

Thompson, Richard J., assignor of sixty-two and one-half per cent to C. N. White and thirty-seven and one-half per cent to L. L. Lowe, Bakersfield, Calif. Aircraft. Re. 21,484; June 18.

Thompson, Robert D. (See Wilcom, F., and Thompson.)

Thompson, Robert J., Harrisburg, Pa. Drier and overlapper. 2,203,605; June 4.

Thompson, Robert M., assignor to Thompson Continuously Operating Filter Press Company, Seattle, Wash. Plug top closing member for filter presses. 2,202,239; May 28.

Thompson, Russell G., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,185,742; Jan. 2.

Thompson, Russell G., West Hartford, Conn., assignor to Understood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,223,235; Nov. 26.

Thompson, Seth W., Essex Fells, N. J. Turf spiking tool. 2,193,575; Mar. 12.

Thompson, Stephen W., Dayton, Ohio. Aircraft. 2,210,642; Aug. 6.

Thompson, T. C., & Son, Limited. (See Thompson, Frank S., assignor.)

Thompson, Thomas A., and A. S. Hutchinson, Tacoma, Wash. Automatic punchboard. 2,193,948; Mar. 19.

Thompson, Thomas R. (See Agostineto, Giacomo, assignor.)

Thompson, Thomas S., Belfast, Maine. Signal. 2,193,747; Mar. 12.

Thompson Tool Company. (See Thompson, Lonnie L., assignor.)

Thompson, Wayne B., Winchester, assignor to Spray Engineering Company, Somervile, Mass. Flock applying apparatus. 2,194,487; Mar. 26.

Thompson, Wayne B., Winchester, Pa., assignor to Spray Engineering Company, Somerville, Mass. Apparatus for reclaiming material such as powder or flock. 2,211,800; Aug. 20.

Thompson, Wayne B., Winchester, assignor to Spray Engineering Company, Somerville, Mass. Apparatus for applying flock. 2,220,921; Nov. 12.

Thompson, Wesley R., Metuchen, N. J., assignor to Catalin Corporation of America. Billiard ball and manufacture. 2,223,394; Dec. 3.

Thompson, Wesley R., and W. E. Flood, Metuchen, N. J., assignors to Catalin Corporation of America. Resinous laminated product and manufacture. 2,185,477; Jan. 2.

Thompson, Wesley R., and W. E. Flood, Metuchen, N. J., assignors to Catalin Corporation of America. Liquid phenol-formaldehyde resin composition. 2,186,687; Jan. 9.

Thompson, William D., Birmingham, Mich., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Car end. 2,207,955; July 16.

Thompson, William J., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus for and a method of making coils. 2,221,390; Nov. 12.

Thompson, William S., Monroe, Ohio. Needle threader. 2,218,059; Oct. 15.

Thompson, Willis F., Portland, assignor of one-half to W. W. Winchenbach, South Portland, Maine. Siphon equipment. 2,218,941; Oct. 22.

Thoms, Herbert E., North Hollywood, Calif. Tieback. 2,199,717; May 7.

Thomsen, Alberg B., Copenhagen, Denmark. Clockwork operated circuit selector. 2,215,842; Sept. 24.

Thomsen, Alfred M., San Francisco, Calif. Recovery and purification of sugar. 2,210,514; Aug. 6.

Thomsen, Alfred M., San Francisco, Calif. Utilization of plant wastes. 2,222,885; Nov. 26.

Thomson, Byron C. (See Munson, J. J., and Thomson.)

Thomson, Byron C., Assumption Parish, and J. J. Munson, Terrebonne Parish, La. Cane cutting and windrowing machine. 2,224,662; Dec. 10.

Thomson, George M., Caledonia, Ontario, and Z. Erdeley, Brantford, Ontario, assignors to Gypsum, Lime and Alabastine, Canada, Limited, Paris, Ontario, Canada. Producing hydrated calcium silicate minerals and products thereof. 2,215,891; Sept. 24.

Thomson-Gibb Electric Welding Company. (See Briggs, Rufus L., assignor.)

Thomson-Gibb Electric Welding Company. (See Warren, Harold B., assignor.)

Thomson, Homer G. (See Megow, G. E., and Thomson.)

Thomson, Homer G., Milwaukee, Wis. Apparatus for effecting the separation of commingled liquids. 2,193,261; Mar. 12.

Thomson, James, Aberdeen, Scotland. Epicyclic gearing. 2,196,368; Apr. 9.

Thomson, Judson L., Manufacturing Company. (See Havener, Arthur R., assignor.)

Thomson, Peter, Wilmington, Del. Framing and furring structures for partitions, walls, and ceilings. 2,225,574; Dec. 17.

Thomson, Thomas. (See Whitworth, E., and Thomson.)

Thomson, William M., assignor to Wortendyke Manufacturing Company, Richmond, Va. Shuttle with yielding cop engaging side member. 2,191,242; Feb. 20.
Thor, Clifford J. B., assignor to The Visking Corporation, Chicago, Ill. Producing articles of regenerated chitin and the resulting articles. 2,217,823; Oct. 15.
Thor, Hanna L. N., San Jose, Calif. Button. 2,193,605; Mar. 12.
Thor, Nils G., Clifton, assignor to The Hamersley Manufacturing Company, Garfield, N. J. Dispensing unit for paper sheets. Re. 21,398; Mar. 12.
Thordarson, William. (See Wheeler, H. H., McGinnis, and Thordarson.)
Thoreau, John W., Nampa, Idaho. Water floating or concentrating machine. 2,198,296; Apr. 23.
Thorell, Helmer W. (See Martin, I. C., and Thorell.)
Thorén, Josef H. E., assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Bearing seal. 2,223,748; Dec. 3.
Thoreno, Hermann, Societe Anonyme. (See Lecoultre, Edgard, assignor.)
Thoresen, Edwin H., assignor to William Thoresen Company, Chicago, Ill. Manufacturing ornamental corner pieces. 2,204,263; June 11.
Thoresen, Edwin H., assignor to William Thoresen Company, Chicago, Ill. Ornamental piece for corners of burial containers. 2,213,506; Sept. 3.
Thoresen, Oscar, Pittsburgh, Pa. Safety pin. 2,212,889; Aug. 27.
Thoresen, Ralph S., Darien, Conn., assignor to Petroleum Heat and Power Company, New York, N. Y. Oil burner. 2,203,553; June 4.
Thoresen, Ralph S., Darien, Conn., assignor to Petroleum Heat and Power Company, New York, N. Y. Oil burner. 2,210,736; Aug. 6.
Thoresen, William, Company. (See Thoresen, Edwin H., assignor.)
Thoreson, Albert W., Thief River Falls, Minn. Vending machine. 2,185,778; Jan. 2.
Thorman, Floyd M. (See Knode, O. M., Besal, and Thorman.)
Thorn, Charles S. (See Bruker, H. W., and Thorn.)
Thorn, Leonard M. (See Wall, J. M., and Thorn.)
Thorn, Percy M., New Rochelle, N. Y. Dispensing container. 2,203,313; June 4.
Thorn, Percy M., New Rochelle, N. Y. Closure for receptacles. 2,206,209; July 2.
Thorne, Harold, assignor to J. Goodson, London, England. Device for instructing in playing card games. 2,200,195; May 7.
Thorne, Maurice A., East Lansing, assignor to General Motors Corporation, Detroit, Mich. Vibration suppressor. 2,207,362; July 9.
Thorne, William T., Saanichton, British Columbia, Canada. Trolling planer. 2,220,302; Nov. 5.
Thornhill, Charles W., Houston, Tex. Screen packer. 2,192,336; Mar. 5.
Thornhill, Charles W., Houston, Tex. Float collar and guide shoe. 2,212,086; Aug. 20.
Thornhill, Charles W., Houston, Tex. Well cementing apparatus. 2,212,087; Aug. 20.
Thornhill, J. C. Lee, Uniontown, Ala., and F. McCracken, Cincinnati, Ohio; said McCracken assignor to said Thornhill. Scoop scale. 2,196,280; Apr. 9.
Thornhill, Peter W. (See Onions, J. H., and Thornhill.)
Thornhill, Peter W., London, assignor to J. H. Onions, Warwickshire, England. Landing gear for aircraft. 2,191,359; Feb. 20.
Thornhill, Peter W., assignor to Automotive Products Company Limited, and J. H. Onions, London, England, Jointly. Piston and like packing device. 2,216,505; Oct. 1.
Thornton, Frank, Jr., Pittsburgh, Pa. Device for viewing transparencies. 2,209,668; July 30.
Thornton, Harvey J., Dover, N. J. Device for removing foreign matter from belts. 2,216,304; Oct. 1.
Thornton, John, & Co. (See Mills, J. T., and Parson, assignors.)
Thornton, Max H. (See Kraybill, H. R., and Thornton.)
Thornton, Ray U., New Bedford, Mass. Warper beam. 2,203,584; June 4.
Thornton, Stuart R., Oakland, Calif. Variable pitter. 2,196,617; Apr. 9.
Thornton-Norris, George, assignor to The Scholl Manufacturing Company, Limited, London, England. Electric medical appliance. 2,193,702; Mar. 12.
Thornton-Norris, George, assignor to Quadrant Electric Company Limited, London, England. Electric immersion heater for hot water bottles. 2,223,154; Nov. 26.
Thorold, Frederick W., Niagara Falls, N. Y. Apparatus for regulating the density of solutions. 2,226,954; Dec. 31.
Thorp, Joel R., assignor to The Fulton Company, West Allis, Wis. Frost shield. 2,187,000; Jan. 16.
Thorp, Joel R., assignor to The Fulton Company, West Allis, Wis. Accelerator pedal. 2,203,933; June 11.
Thorp, Joel R., and S. Strand, West Allis, Wis., assignors, by mesne assignments, to American Chain & Cable Company, Inc. Bumper supported guard. 2,214,513; Sept. 10.
Thorp, Vaughn P., Hohokus, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,187,104; Jan. 16.
Thorp, Vaughn P., Hohokus, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,194,918; Mar. 26.
Thorsen, Peter. (See McNeil, James W., assignor.)
Thorsheim, Joseph O., Minneapolis, Minn. Toy submarine. 2,212,280; Aug. 20.
Thorson, Harry L., Schenectady, N. Y., assignor to General Electric Company. Adapter for metal radio tubes. 2,192,760; Mar. 5.
Thorson, Harry L., Schenectady, N. Y., assignor to General Electric Company. Ultra short wave device. 2,220,556; Nov. 5.
Thorson, Harry L., Schenectady, N. Y., assignor to General Electric Company. Seal for lead-in conductors. 2,220,741; Nov. 5.
Thorson, Harry L., Schenectady, N. Y., assignor to General Electric Company. Glass-to-metal seal. 2,220,742; Nov. 5.
Thorssen, Albert N., assignor to Thorssen Syndicate, E. H. Johnson, trustee, Spokane, Wash. Crutch. 2,197,279; Apr. 16.
Thorssen Syndicate. (See Thorssen, Albert N., assignor.)
Thorsson, Matthew T., East Williston Park, Long Island, N. Y., assignor to International Business Machines Corporation, New York, N. Y. Counting scale. 2,203,002; June 4.
Thouret, Wolfgang. (See Dawihl, W., and Thouret.)
Thourot, Paul, assignor to M. Weiner, Passaic, N. J. Textile tubing machine. 2,215,625; Sept. 24.
Thrailkill, F. H. (See Bates, Sidney Q., assignor.)
Thrasher, Hoyt S., Birmingham, Ala. Broom holder. 2,200,435; May 14.
Threlkeld, Lewis P. (See Duncan, Herbert L., assignor.)
Thronsen, Sigurd, Stoneleigh, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for treating strands. 2,195,102; Mar. 26.
Thrush, H. A., & Company. (See Thrush, Homer A., assignor.)
Thrush, Homer A., assignor to H. A. Thrush & Company, Peru, Ind. Pumping apparatus. 2,207,183; July 9.
Thrush, Homer A., assignor to H. A. Thrush & Co., Peru, Ind. Circulator. 2,207,208; July 9.
Thuma, Charles H., Midian, assignor of one-half to S. L. Way, Pratt, Kans. Aerating device for liquids. 2,194,037; Mar. 19.
Thumm, Carl F., assignor to Kaufmann Department Stores, Inc., Pittsburgh, Pa. Fitting room construction. 2,187,408; Jan. 16.
Thun, Louis R., State Hill, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic material and its embodiment in articles of wearing apparel. 2,223,665; Dec. 3.
Thunberg, Sigurd F., V:A Bjorneborg, Ronninge, Sweden, assignor to Electrolux Corporation, Dover, Del. Radio interference eliminator. 2,219,121; Oct. 22.
Thunstrom, Nils A., and J. E. Candlin, Jr., assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Rail car. 2,226,083; Dec. 24.
Thurber, Edward J., New Orleans, La. Signaling and illuminating means for motor vehicles. 2,218,442; Oct. 15.
Thürlings, Hermann. (See Gregory, H. E., Turner, Henkel, and Thürlings.)
Thurman, Benjamin H. (See Clayton, B., and Thurman.)
Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Apparatus for making, removing, and processing soap and the like. 2,185,653; Jan. 2.
Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Making and processing soap. 2,190,615; Feb. 13.
Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Splitting glycerides and recovering glycerin. 2,190,616; Feb. 13.
Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Method of and apparatus for forming and conditioning saponified products. 2,193,786; Mar. 12.
Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Stabilizing of oil. 2,201,061; May 14.
Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Medicinal preparation. 2,201,062; May 14.
Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Shortening. 2,201,063; May 14.
Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Phosphatide composition. 2,201,064; May 14.
Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Vegetable oil refining. 2,204,109; June 11.
Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Removing materials containing phosphatides from vegetable oils. 2,206,210; July 2.
Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Drive means for centrifugal separators. 2,216,679; Oct. 1.
Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Treating refined oil. 2,216,680; Oct. 1.

Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Refining vegetable oils. 2,219,968; Oct. 29.

Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Refining glyceride oils. 2,225,575; Dec. 17.

Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Refining oils. 2,226,211; Dec. 24.

Thurnauer, Hans, assignor to American Lava Corporation, Chattanooga, Tenn. Ceramic thread guide and the like. 2,214,703; Sept. 10.

Thurston, Ernest B., assignor to The Haughton Elevator Company, Toledo, Ohio. Control for automatic elevators. 2,217,824; Oct. 15.

Thurston, Jack T., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Production of melamine. 2,223,333; Nov. 26.

Thurston, Paul L., and H. F. Hilker, Martinsburg, W. Va., assignors to Interwoven Stocking Company, New Brunswick, N. J. Circular knitting machine. 2,192,625; Mar. 5.

Thurston, Paul L., Martinsburg, W. Va., and L. B. Wilcox, Westfield, assignors to Interwoven Stocking Company, New Brunswick, N. J. Rib knit fabric. 2,223,749; Dec. 3.

Thurston, Paul L., Martinsburg, W. Va., and L. B. Wilcox, Westfield, assignors to Interwoven Stocking Company, New Brunswick, N. J. Process of knitting. 2,223,750; Dec. 3.

Thurston, Paul L., D. Nagley, and H. F. Hilker, Martinsburg, W. Va., assignors to Interwoven Stocking Company, New Brunswick, N. J. Circular knitting machine. 2,223,751; Dec. 3.

Thwaites, Earl E., Houston, Tex. Collector. 2,210,270; Aug. 6.

Thwaits, William H., Los Angeles, Calif. Fish gaff. 2,210,271; Aug. 6.

Thygeson, John R. (See Buck, L., and Thygeson.)

Thys, Edouard, assignor to E. Clemens Horst Company, San Francisco, Calif. Hop picking machine. 2,187,526; Jan. 16.

Thys, Edouard, assignor to E. Clemens Horst Company. San Francisco, Calif. Finger structure and supporting bar for hop picking machines. 2,191,183; Feb. 20.

Thys, Edouard, Sacramento, assignor to E. Clemens Horst Company, San Francisco, Calif. Vine grasper bar. 2,193,354; Mar. 12.

Thys, Edouard, Sacramento, assignor to E. C. Horst Company, San Francisco, Calif. Hop picking machine. 2,211,357; Aug. 13.

Tibbals, William L., assignor to United States Spring & Bumper Co., Los Angeles, Calif. Spring frame construction. 2,194,103; Mar. 19.

Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,186,505; Jan. 9.

Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,193,949; Mar. 19.

Tibbetts, Milton, assignor to Packard Motor Car Company. Detroit, Mich. Assembling vibration dampers. 2,201,932; May 21.

Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Indicator for motor vehicles. 2,211,182; Aug. 13.

Tibbetts, Paul F., Newton Center, Mass. Storm sash hanger. 2,224,278; Dec. 10.

Tibbits, Berton A. (See Bridgford, R., Tibbits, Stevens, and Diehm.)

Tibbitts, Gordon C. (See Olsen, F., Tibbitts, and Kerone.)

Tice, George C., and F. J. Wittmann, Los Angeles, Calif. Aviation beacon light. 2,218,013; Oct. 15.

Tichý, Josef, Brunn, assignor to Československá Zbrojovka, a. s., Brno, Brunn, Czechoslovakia. Apparatus for determining the velocity of a target, especially aircraft. 2,209,485; July 30.

Tickelis, James I., Haverhill, assignor to Bestco Shoe Machinery Inc., Ipswich, Mass. Coating machine. 2,195,323; Mar. 26.

Tiddy, William. (See McIntire, C. V., and Tiddy.)

Tide Water Associated Oil Company. (See Colin, Philip G., assignor.)

Tide Water Associated Oil Company. (See Colin, P. G., and Lewis, assignors.)

Tide Water Associated Oil Company. (See Cook, Elmer W., assignor.)

Tide Water Associated Oil Company. (See Lazar, Arthur, assignor.)

Tide Water Associated Oil Company. (See Lazar, A., and Galstaun, assignors.)

Tide Water Associated Oil Company. (See Lazar, A., and Ruedrich, assignors.)

Tide Water Associated Oil Company. (See Lewis, Arthur W., assignor.)

Tide Water Associated Oil Company. (See McCormick, Thomas F., assignor.)

Tide Water Associated Oil Company. (See McCormick, T. F., and Lazar, assignors.)

Tide Water Associated Oil Company. (See Ruedrich, P. M., and Sharp, assignors.)

Tide Water Associated Oil Company. (See Steffen, Erich M., assignor.)

Tide Water Associated Oil Company, et al. (See Vaughan, William H., assignor.)

Tidewater Associated Oil Company. (See Zacher, Vernon B., assignor.)

Tidler, Charles O., Tipton, Ind. Clock dial and mechanism. 2,202,438; May 28.

Tidy Products Corporation. (See Astrove, Joseph, assignor.)

Tiedeken, Robert. (See Gehrke, F., and Tiedeken.)

Tiedemann, Frank G., Minneapolis, Minn. Device for discouraging thumb sucking. 2,209,860; July 30.

Tiedjens, Victor A., Cranbury, N. J. Structure for growing plants in inert material. 2,211,445; Aug. 13.

Tiefenthal, Carl. (See Hinselmann, W., and Tiefenthal.)

Tieland, Johannes H., Utrecht, Netherlands. Apparatus for recording and reproducing sound. 2,185,933; Jan. 2.

Tieri, Gildo, assignor to Weber Costello Company, Chicago Heights, Ill. Adjustable support for display mountings. 2,215,843; Sept. 24.

Tierney, John D., assignor of one-half to R. J. Tierney, Meriden, Conn. Rinse tank. 2,201,380; May 21.

Tierney, Raymond J. (See Tierney, John D., assignor.)

Tiesch, Mawriki, New York, N. Y. Gasket cutting machine. 2,218,186; Oct. 15.

Tiesler, Alfred, Wittenberge, near Potsdam, Germany, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Intermittent tension device. 2,191,046; Feb. 20.

Tietig, Chester. (See Haley, R. V., Glazier, and Tietig.)

Tietig, Chester. (See Haupt, W. H., Ware, and Tietig.)

Tietig, Chester. (See Stryker, Albert R., assignor.)

Tietjen, E. J., O. D. (See Williams, Walter E., assignor.)

Tietz, Hans. (See Werner, M., and Tietz.)

Tiffany, Hiero G., Maplewood, Mo. Office stand. 2,192,337; Mar. 5.

Tigner, Clarence H., Columbus, Ga., assignor to Lummus Cotton Gin Company. Cotton gin. 2,189,690; Feb. 6.

Tigner, George E., Taft, Calif. Air filter. 2,213,233; Sept. 3.

Tijmstra, Sijbren, Berkeley, and D. S. McKittrick, Oakland, assignors to Shell Development Company, San Francisco, Calif. Solvent and process for dewaxing mineral oils. 2,191,136; Feb. 20.

Tijmstra, Sijbren, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Recovering selective solvents. 2,210,541; Aug. 6.

Tijmstra, Sijbren, Berkeley, and D. S. McKittrick, Oakland, assignors to Shell Development Company, San Francisco, Calif. Dewaxing mineral oils. 2,223,022; Nov. 26.

Tiller, Wallace W., Waterloo, Iowa. Prefrabricated building construction. 2,195,660; Apr. 2.

Tillery, William T., Washington, D. C. Musical instrument. 2,214,314; Sept. 10.

Tillett, George H., Chesham Bois, assignor of one-half to C. A. Lister, Redhill, Surrey, England. Color-printing web. 2,210,474; Aug. 6.

Tillinghast, George H., Burlington, N. J. Eel holder. Re. 21,375; Feb. 27.

Tillman, Lambert J., assignor to Unitcast Corporation, Toledo, Ohio. Ladder. 2,187,286; Jan. 16.

Tillmann, Theo, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiver or amplifier. 2,218,101; Oct. 15.

Tillyer, Edgar D. (See Boeder, P. A. K., Hill, and Tillyer.)

Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens and making the same. 2,187,105; Jan. 16.

Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Testing the eyes. 2,191,047; Feb. 20.

Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Eye protecting device. 2,204,631; June 18.

Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 2,209,587; July 30.

Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Contact lens and making same. 2,211,086; Aug. 13.

Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Polarizing retinoscope. 2,214,802; Sept. 17.

Tillyer, Edgar D., and H. R. Moulton, assignors to American Optical Company, Southbridge, Mass. Abrading device. 2,224,168; Dec. 10.

Tillyer, Edgar D., and H. R. Moulton, Southbridge, and Townsend M. Gunn, Attleboro, assignors to American Optical Company, Southbridge, Mass. Glass composition. 2,226,418; Dec. 24.

Tilson, John J., Rittman, Ohio. Tire tool. 2,188,211; Jan. 23.

Tilton & Cook Co. (See Holden, Crofton C., assignor.)

Tilton, Elvin J., Brownsville, Pa. Method and apparatus for producing printing plates. 2,191,945; Feb. 27.

Tilton, Joshua A. (See Sweeney, W. J., and Tilton.)

Timber Engineering Company. (See Keith, Laurence P., assignor.)

Time, Inc. (See Prentice, Pierrepont I., assignor.)

Timken-Detroit Axle Company, The. (See Alden, Herbert W., assignor.)

Timken-Detroit Axle Company. (See Buckendale, Lawrence R., assignor.)

Timken-Detroit Axle Company, The. (See Keese, Beverly W., assignor.)

Timken-Detroit Axle Company, The. (See Koeppen, R. L., and Buckendale, assignors.)

Timken-Detroit Axle Company, The. (See Wilber, Carl L., assignor.)
Timken-Detroit Axle Company, The. (See Wilson, J. A., and Sutterfield, assignors.)
Timken Roller Bearing Company, The. (See Baker, John B., assignor.)
Timken Roller Bearing Company, The. (See Boden, Ernest G., assignor.)
Timken Roller Bearing Company, The. (See Brotherton, Clifford A., assignor.)
Timken Roller Bearing Company, The. (See Buckwalter, Tracy V., assignor.)
Timken Roller Bearing Company, The. (See Chievitz, William J., assignor.)
Timken Roller Bearing Company, The. (See Cornell, Joseph F., assignor.)
Timken Roller Bearing Company, The. (See Cox, William P., assignor.)
Timken Roller Bearing Company, The. (See Eastburg, Clifford L., assignor.)
Timken Roller Bearing Company, The. (See Edwards, Herbert C., assignor.)
Timken Roller Bearing Company, The. (See Fleischmann, Martin, assignor.)
Timken Roller Bearing Company. The. (See Horger, Oscar J., assignor.)
Timken Roller Bearing Company, The. (See Horger, Raph E., assignor.)
Timken Roller Bearing Company, The. (See Jackman, Arthur E., Jr., assignor.)
Timken Roller Bearing Company, The. (See Moore, Whitley B., assignor.)
Timken Roller Bearing Company, The. (See Schlaupitz, Oswald, assignor.)
Timken Roller Bearing Company, The. (See Scribner, William L., assignor.)
Timken Roller Bearing Company, The. (See Soler, Gilbert, assignor.)
Timken Roller Bearing Company, The. (See Thomas, Alden P., assignor.)
Timken Roller Bearing Company, The. (See Weckstein, Samson M., assignor.)
Timm, Otto W., Glendale, Calif. Airplane. 2,199,681; May 7.
Timm, Otto W., Glendale, Calif. Hydraulic actuator for steering mechanisms, etc. 2,199,966; May 7.
Timmis, William W., Glen Cove, and M. A. Michaels, Bronx, assignors, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Radiant heating means. 2,205,001; June 18.
Timmons, John F., Cleveland Heights, Ohio. X-ray tube. 2,213,112; Aug. 27.
Timms, Robert T., and J. F. Mullen, Kansas City, Mo. Room cooler. 2,207,956; July 16.
Timpé, Atwood M., Los Angeles, Calif. Shuttlecock. 2,217,032; Oct. 8.
Timpson, Lewis G. M., Plainfield, assignor to Pyrene-Minimax Corporation, Newark, N. J. Apparatus for injecting foam stabilizing solutions. 2,188,066; Jan. 23.
Timpson, Lewis G. M., Plainfield, assignor to Pyrene Minimax Corporation, Newark, N. J. Producing fire extinguishing foam. 2,193,541; Mar. 12.
Timpson, Lewis G. M., Plainfield, assignor to Pyrene Minimax Corporation, Newark, N. J. Fire extinguishing foam stabilizer. 2,196,042; Apr. 2.
Timpson, Lewis G. M., Plainfield, assignor to Pyrene-Minimax Corporation, Newark, N. J. Apparatus for delivering air foam to sealed tanks. 2,202,176; May 28.
Tims, Hiram, New Roads, La. Tree uprooter. 2,191,048; Feb. 20.
Tindal, John R., West Springfield, assignor to Package Machinery Company, Springfield, Mass. Wrapped article and making the same. 2,218,691; Oct. 22.
Tindall, John B., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Recovery of lactic acids from crude solutions thereof. 2,223,797; Dec. 3.
Tingey, Harold C., Nutley, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Filtering apparatus. 2,202,932; June 4.
Tingle, James G., Miami, Fla. Two wheeled motor vehicle. 2,201,639; May 21.
Tingley, George R., assignor to Baird Television Limited, London, England. Cathode ray tube arrangement. 2,220,303; Nov. 5.
Tingue Brown & Co. (See Foster, John W., assignor.)
Tingwall, Lloyd G., Sr. (See Towne, A. C., and Tingwall.)
Tinker, John M. (See Calcott, W. S., Spiegler, and Tinker.)
Tinker, John M. (See Fox, A. L., Henke, Lockwood, and Tinker.)
Tinker, John M. (See Gubelmann, I, Tinker, and Spiegler.)
Tinker, John M. (See Rosenberg, H. R., and Tinker.)
Tinker, John M., Fenwick, N. J., and A. L. Linch, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. 6-chloro-diphenyl-methane - 2 - carboxylic acid compounds and preparing the same. 2,212,056; Aug. 20.
Tinker, John M., Penns Grove, and V. M. Weinmayr, Pitman, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Benzoyl benzoic acid derivatives. 2,225,088; Dec. 17.
Tinker, Walter H., assignor to G. A. Ball, Muncie, Ind. Low pressure steam injector. 2,190,109; Feb. 13.
Tinnerman, Albert H. (See Tinnerman, George A., assignor.)
Tinnerman, Albert H., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Panel joint construction. 2,213,234; Sept. 3.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Connection for knobs and the like. 2,190,577; Feb. 13.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Fastening means. 2,191,689; Feb. 27.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Fastening means. 2,191,780; Feb. 27.
Tinnerman, George A., Rocky River, assignor, by mesne assignments, to Tinnerman Products, Cleveland, Ohio. Fastener. 2,192,160; Feb. 27.
Tinnerman, George A., Rocky River, assignor, by mesne assignments, to Tinnerman Products, Inc., Cleveland, Ohio. Joining, connecting and assembling hardened plastic parts. 2,193,306; Mar. 12.
Tinnerman, George A., Rocky River, assignor, by mesne assignments, to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,196,711; Apr. 9.
Tinnerman, George A., Rocky River, assignor, by mesne assignments, to Tinnerman Products, Inc., Cleveland, Ohio. Clip for moldings and the like. 2,198,186; Apr. 23.
Tinnerman, George A., Rocky River, assignor, by mesne assignments, to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,200,047; May 7.
Tinnerman, George A., Rocky River, assignor, by mesne assignments, to Tinnerman Products, Inc., Cleveland, Ohio. Reinforced joint or connection. 2,205,323; June 18.
Tinnerman, George A., Rocky River, assignor, by mesne assignments, to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,208,779; July 23.
Tinnerman, George A., Rocky River, assignor, by mesne assignments, to Tinnerman Products, Inc., Cleveland, Ohio. Joint or connection. 2,213,924; Sept. 3.
Tinnerman, George A. Rocky River, assignor, by mesne assignments, to Tinnerman Products, Inc., Cleveland, Ohio. Molding construction. 2,217,574; Oct. 8.
Tinnerman, George A., Rocky River, assignor, by mesne assignments, to Tinnerman Products, Inc., Cleveland, Ohio. Sheet metal fastening means. 2,221,498; Nov. 12.
Tinnerman, George A., Rocky River, assignor by mesne assignments to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,222,449; Nov. 19.
Tinnerman, George A., Rocky River, assignor, by mesne assignments, to Tinnerman Products, Inc., Cleveland, Ohio. Fastening means. 2,225,394; Dec. 17.
Tinnerman Products, Inc. (See Lombard, Herman G., assignor.)
Tinnerman Products, Inc. (See Tinnerman, Albert H., assignor.)
Tinnerman Products, Inc. (See Tinnerman, George A., assignor.)
Tinsley, John S., Highland Park, N. J., assignor to Hercules Powder Company, Wilmington, Del. Purification of cellulose esters. 2,214,943; Sept. 17.
Tippett, John P., New York, N. Y., assignor to Evans Case Company, North Attleboro, Mass. Powder box. 2,193,307; Mar. 12.
Tips, Maurice, Brussels, Belgium. Internal combustion engine. 2,203,449; June 4.
Tips Tool Co. (See Bodendieck, Henry W., assignor.)
Tipsord, Melvin T., assignor to J. R. Kearney Corporation, St. Louis, Mo. Clamp stick. 2,194,411; Mar. 19.
Tipton, Edna S. New York, N. Y. Nested box. 2,203,240; June 4.
Tipter, Georg, Campina, Rumania. Bore hole direction tester. 2,205,022; June 18.
Tipton, William D., Stoneleigh, Md. Cuff valve engine. 2,216,057; Sept. 24.
Tirabasso, Michial A. Cleveland, Ohio. Hydraulic brake shoe. 2,207,421; July 9.
Tirrell, Leslie L., Benton Harbor, Mich., assignor to The Hydroblast Corporation, Chicago, Ill. Method and apparatus for sand blasting. 2,200,587; May 14.
Tischner, Horst, assignor to Allgemeine Elektricitats-Gesellschaft, Berlin, Germany. Modulation system. 2,196,163; Apr. 2.
Tisdale, Wendell H. (See Searle, N. E., and Tisdale.)
Tisdale, Wendell H., Wilmington, Del., and I. Williams, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Insect repellent. 2,205,232; June 18.
Tisdale, Wendell H., and A. I. Flenner, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Mange remedy. 2,206,520; July 2.
Tisdale, Wendell H., and A. L. Flenner, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Produce coating compositions. 2,213,557; Sept. 3.
Tiselius, Karl G., Vasteras, Sweden, and N. J. E. Haglöf, Wanstead, London, England, assignors to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Drive for a roll to maintain constant web stress. 2,214,355; Sept. 10.

Tisza, Edmond T., B. F. Duesel, and H. L. Friedman, Yonkers, assignors to Nepera Chemical Co., Inc., Nepera Park, N. Y. Sulphanilamido-aminopyridines and producing the same. 2,202,933; June 4.
Titan Company. (See Oppegaard, A. J., and Stopford, assignors.)
Titan Company. (See Raspe, F., and Ancrum, assignors.)
Titan Metal Manufacturing Company, The. (See Shook, Jacob W., assignor.)
Titan Tool Company. (See McKean, Boyd A., assignor.)
Titan Valve and Manufacturing Company, The. (See Bondurant, Carlton W., assignor.)
Titan Valve and Manufacturing Company, The. (See Cerny, Joseph A., assignor.)
Titanium Alloy Manufacturing Company, The. (See Comstock, George F., assignor.)
Titanium Alloy Manufacturing Company, The. (See Kinzie, Charles J., assignor.)
Titanium Alloy Manufacturing Company, The. (See Kinzie, C. J., and Hake, assignors.)
Titanium Alloy Manufacturing Company, The. (See Kinzie, C. J., and Wainer, assignors.)
Titanium Alloy Manufacturing Company, The. (See Plunkett, J. A., and Wainer, assignors.)
Titlestad, Nicolay. (See Barnes, B., and Titlestad.)
Titlestad, Nicolay. (See Hechenbleikner, I., and Titlestad.)
Titlestad, Nicolay, White Plains, assignor to Chemical Construction Corporation, New York, N. Y. Tray type sulphuric acid converter. 2,198,795; Apr. 30.
Titlestad, Nicolay, White Plains, N. Y., and A. C. Bright, Piney River, Va., assignors to Chemical Construction Corporation, New York, N. Y. Production of nitric acid. 2,212,135; Aug. 20.
Titterington, George A., Jr., Austin, Tex., assignor to Bendix Aviation Corporation, South Bend, Ind. Diaphragm pressure gauge having temperature compensating means. 2,194,624; Mar. 26.
Tittle, Hulbert C. (See Cutting, F., Forbes, and Tittle.)
Titus, Horatio G. (See Jones, C. G., and Titus.)
Titus, Horatio G., assignor to The Youngstown Sheet & Tube Company, Youngstown, Ohio. Preparing skelp for welding. 2.220,182; Nov. 5.
Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Automobile body aerial. 2,196,369; Apr. 9.
Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Cylinder head. 2,196,370; Apr. 9.
Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Motor vehicle. 2,198,352; Apr. 23.
Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Motor vehicle. 2,198,354; Apr. 23.
Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Wheel suspension. 2,203,344; June 4.
Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Motor vehicle. 2,208,709; July 23.
Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Electric motor vehicle. 2,208,710; July 23.
Tjaarda, John, assignor to Briggs Manufacturing Company, Detroit, Mich. Motor vehicle. 2,198,353; Apr. 23.
Toaspern, Walter C., Barryville, N. Y. Road surfacing plane. 2,192,566; Mar. 5.
Toast-O-Lator Co. Inc. (See Pentecost, William A., assignor.)
Tobacco By-Products and Chemical Corporation. (See Arnold, Robert B., assignor.)
Tobacco Retention Corporation. (See Pohle, Walter B., assignor.)
Tober, Herman, Bridgeport, Conn. Beacon light or life buoy. 2,222,246; Nov. 19.
Tobey, Raymond E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,192,849; Mar. 5.
Tobey, Raymond E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,192,850; Mar. 5.
Tobey, Raymond E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,192,851; Mar. 5.
Tobias, Fred J., assignor to Filatex Corporation, Trenton, N. J. Process and apparatus for handling elastic filaments. 2,199,550; May 7.
Tobin, John A., Philadelphia, Pa. Attaching clip for roof gutters. 2,187,869; Jan. 23.
Tobis, Carlos. (See Nowak, P., Hofmeier, and Tobis.)
Tobita, Toshio, Bronx, assignor to American Perfit Crystal Corporation, New York, N. Y. Watch crystal box. 2,211,869; Aug. 20.
Tobler, John H., assignor to Scoville Manufacturing Company, Waterbury, Conn. Ball type detachable coupling. 2,221,064; Nov. 12.
Tobler, Richard. (See Kern, W., Holbro, and Tobler.)
Tobler, Richard. (See Kern, W., and Tobler.)
Tobler, Werner, Winterthur-Wulflingen, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Internal combustion engine construction. 2,187,287; Jan. 16.
Toby, Edward M., Jr., New Rochelle, N. Y., assignor to American Mineral Spirits Company, Chicago, Ill. Refining rosin and solvent therefor. 2,209,545; July 30.
Toce, Charles A., R. F. Broussard, and W. N. Woodruff, Houston, Tex., assignors, by mesne assignments, to Vehicular Parking, Ltd., Washington, D. C. Parking meter expansion clamp. 2,190,555; Feb. 13.
Toce, Charles A., R. F. Broussard, and W. N. Woodruff, Houston, Tex., assignors, by mesne assignments, to International Vehicular Parking, Ltd., Washington, D. C. Coin handling device. 2,197,086; Apr. 16.
Toda, Yoshiaki, Tokyo, Japan, assignor to General Electric Company. Electric valve converting system. 2,190,524; Feb. 13.
Todd, Albert H., Bayside, Long Island, N. Y. Lubricator. 2,201,803; May 21.
Todd, Alfred, Detroit, Mich. Sander for vehicle wheels. 2,207,169; July 9.
Todd, Claude O., Washington, D. C., Lawn mower attachment. 2,190,578; Feb. 13.
Todd Company, The. (See Payne, Walter B., assignor.)
Todd Company, The. (See Pierce, Gilbert L., assignor.)
Todd Company, The. (See Wolfanger, Howard F., assignor.)
Todd, Edmund N. (See Barker, L. G., and Todd.)
Todd, Edwin T., assignor to American Seating Company, Grand Rapids, Mich. Panel. 2,188,560; Jan. 30.
Todd, Edwin T., and H. C. Hall, assignors to American Seating Company, Grand Rapids, Mich. Chair back. 2,185,758; Jan. 2.
Todd, Edwin T., and R. G. Wilsted, assignors to American Seating Company, Grand Rapids, Mich. Elevating device. 2,217,352; Oct. 8.
Todd, Francis N. (See Hjelte, M. C., and Todd.)
Todd, Francis N., and K. W., Emerson, assignors to Hawaiian Pineapple Company, Limited, Honolulu, Hawaii. Apparatus for sealing cartons. 2,203,901; June 11.
Todd, Guerin, Shrewsbury, assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Conveyer. 2,195,661; Apr. 2.
Todd, Guerin, Shrewsbury, assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Electroprocessing machine. 2,196,131; Apr. 2.
Todd, Guerin, Shrewsbury, assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Electroprocessing machine. 2,196,132; Apr. 2.
Todd, William. (See Davies, J. S. H., Hailwood, and Todd.)
Todd, Van Winkle, assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Electroplating machine. 2,214,262; Sept. 10.
Todrys, Otto, assignor to France Sporting Inc., New York, N. Y. Change speed gear for bicycles. 2,187,368; Jan. 16.
Toennies, Gerrit, Narberth, assignor to The Lankenau Hospital, Philadelphia, Pa. Recovering amino acids. 2,222,993; Nov. 26.
Toennies, Jan F. (See Körös, L., and Toennies.)
Toensfeldt, Kurt, Port Washington, assignor to Combustion Engineering Company, Inc., New York, N. Y. Combined drier and separator. 2,199,015; Apr. 30.
Toews, Peter J., assignor to Dough-King, Inc., Minneapolis, Minn. Doughnut machine. 2,199,119; Apr. 30.
Toews, Peter J., Minneapolis, Minn. Doughnut machine. 2,207,560; July 9.
Toews, Peter J., Minneapolis, Minn. Doughnut machine. 2,208,874; July 23.
Toews, Peter J., assignor to Dough-King, Inc., Minneapolis, Minn. Doughnut machine. 2,207,561; July 9.
Tögel, Walter, assignor to Koeln Factory of Wilhelm Quester, Cologne-Suelz, Germany. Infinitely variable expanding pulley belt gear. 2,197,905; Apr. 23.
Tögel, Walter, Cologne, assignor to Koeln Factory of Wilhelm Quester, Cologne-Suelz, Germany. Articulated driving belt or chain for use with V-groove pulleys. 2,224,068; Dec. 3.
Toggenburger, John, Bogota, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,195,606; Apr. 2.
Tognola, Tullio, Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Magneto generator. 2,190,956; Feb. 20.
Tognola, Tullio, Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Spark plug. 2,214,781; Sept. 17.
Tokheim, John J., Cedar Rapids, Iowa. Safety device for volatile liquid storage tanks. 2,188,022; Jan. 23.
Tokheim Oil Tank and Pump Company. (See Bechtold, Reuben E., assignor.)
Tokheim Oil Tank and Pump Company. (See Trudeau, Maximilian O., assignor.)
Tokunaga, George T., San Francisco, Calif. Rake. 2,210,784; Aug. 6.
Tolco, Inc. (See Hall, Keith W., assignor.)
Tolco, Inc. (See Hall, K. W., and McCready, assignors.)
Tolco, Incorporated. (See Marshall, Albert E., assignor.)
Toledo General Manufacturing Company, The. (See Irwin, George W., assignor.)
Toledo Scale Company. (See Hall, Keith W., assignor.)

Toledo Scale Company. (See Hem, Halvor O., assignor.)
Toledo Scale Company. (See Hurt, Samuel N., assignor.)
Toledo Scale Company. (See Marshall, Charles O., assignor.)
Toledo Scale Company. (See Marshall, C. O., and Williams, assignors.)
Toledo Scale Company. (See Richard, Grant M., assignor.)
Toledo Scale Company. (See Weckerly, Mark A., assignor.)
Toledo Scale Company. (See Williams, Lawrence S., assignor.)
Toledo Scale Company. (See Zinke, Carl J., assignor.)
Toledo Scale Manufacturing Company. (See Bennett, Geoffrey R., assignor.)
Toledo Scale Manufacturing Company. (See Coulter, Marion D., assignor.)
Toledo Scale Manufacturing Company. (See Hem, Halvor O., assignor.)
Toledo Scale Manufacturing Company. (See Hurt, Samuel N., assignor.)
Toledo Scale Manufacturing Company. (See Schantz, Edwin M., assignor.)
Toledo Scale Manufacturing Company. (See Williams, Lawrence S., assignor.)
Toledo Steel Tube Company. (See Myers, H. A., Nafzger, and Nowakowski, assignors.)
Tolen, Harry H., Chula Vista, Calif. Wiener roaster. 2,189,047; Feb. 6.
Tolle, Richard P. (See Kelly, W. W., and Tolle.)
Tollefson, Ernest M. (See Trout, W. C., and Tollefson.)
Tolley, Edward O. Z., Los Angeles, and I. J. Hoffman, Alhambra, assignors to National Venetian Blind Co., Los Angeles, Calif. Venetian blind cord lock. 2,198,187; Apr. 23.
Tolley, Howard B., Upper Montclair, N. J., assignor to National Biscuit Company, New York, N. Y. Package. 2,196,404; Apr. 9.
Tollison, Paul L. (See Wood, H. A. W., Tollison, and Ricards.)
Tollison, Paul L., North Plainfield, assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Printing press conveyer. 2,197,573; Apr. 16.
Tolman, Edgar B., Jr., Chicago, Jr. Vibrator apparatus. 2,209,143; July 23.
Tolson, William A., Westmont, N. J., assignor to Radio Corporation of America. Television apparatus. 2,207,839; July 16.
Tomalis, Joseph J., assignor to American Screw Company, Providence, R. I. Method and apparatus for heading screw blanks or the like. 2,202,324; May 28.
Toman, Michael E., Berwyn, Ill., assignor to Castings Patent Corporation. Apparatus for molding. Re. 21,461; May 21.
Tomassi, Joseph, Knox, Ind. Sectional boat. 2,212,088; Aug. 20.
Tombolini, Alfredo, Milan, Italy. Type bar actuating mechanism in standard and portable typewriters. 2,198,520; Apr. 23.
Tomita, Masao. (See Kondo, H., Hasegawa, and Tomita.)
Tomkin, Abraham E., Washington, D. C. Fire extinguisher. 2,219,096; Oct. 22.
Tomkins-Johnson Company. (See Ward, Loyd A., assignor.)
Tomkinson, Charles H., Washington, D. C., assignor to International Business Machines Corporation, New York, N. Y. Marker for filing systems. 2,185,696; Jan. 2.
Tomlin, Benjamin F. (See Collins, Timothy, assignor.)
Tomlinson, George H. (See McCarthy, J. L., Hibbert, and Tomlinson, assignors.)
Tomlinson, George H., Westmount, Quebec, Canada. Pulp bleaching apparatus. 2,198,709; Apr. 30.
Tompkins Bros. Co. (See Logan, George L., assignor.)
Tompkins, Charles E., assignor to J. R. Clancy, Inc., Syracuse, N. Y. Stage curtain rigging. 2,227,043; Dec. 31.
Tompkins, Emerson H., Waterbury, and W. T. Dowling, Meriden, Conn., assignors to Scovill Manufacturing Co., New Haven, Conn. Supporting frame for water bags. 2,213,937; Sept. 3.
Tompkin's Label Service. (See Ohntrup, Robert F., assignor.)
Tomsche, Carl L., Burbank, Calif. Weather strip. 2,188,023; Jan. 23.
Tomsic, Guy, New York, N. Y. Combination automobile wheel and tire. 2,206,737; July 2.
Tondeur, Rene, assignor to Bowden (Engineers) Limited, London, England. Attachment for flexible tubing and method of fixing it. 2,214,491; Sept. 10.
Tondreau, Albert W. (See Mohr, H. L., and Tondreau.)
Tondreau, Albert W., Glendale, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Film marking apparatus. 2,199,764; May 7.
Tondreau, Albert W., Glendale, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Film apparatus. 2,202,127; May 28.
Tondreau, Albert W., Glendale, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Film apparatus. 2,204,917; June 18.
Tone, Frank J., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Production of abrasive material. 2,219,853; Oct. 29.
Toney, Homer R., Vivian, assignor of one-half to J. R. Beddingfield, Shreveport, La. Oil well bottom release valve. 2,192,945; Mar. 12.
Toney, Homer R., Vivian, assignor of one-half to J. R. Beddingfield, Shreveport, La. Apparatus for flowing oil wells. 2,207,033; July 9.
Toney, Perry S., Hammond, Ind., assignor to Anaconda Lead Products Company. Cleaning anode. 2,220,982; Nov. 12.
Tonks, Lewi, Schenectady, N. Y., assignor to General Electric Company. Pool-type X-ray tube. 2,206,710; July 2.
Tonn, Christ, assignor to H. V. Keller, Minneapolis, Minn. Ironing table. 2,187,593; Jan. 16.
Tonn, George J., Elmhurst, Ill. Nutcracker. 2,224,415; Dec. 10.
Tönne, Franz. (See Kreissig, E., and Tönne.)
Tönnies, Hans F., Hamburg-Brossflottbek, Germany. Photoelectric exposure determining apparatus. 2,185,934; Jan. 2.
Tönnies, Hans F., Hamburg-Grossflottbek, Germany. Camera diaphragm. 2,209,639; July 30.
Tönnies, Hans F., Hamburg-Grossflottbek, Germany. Photographic exposure apparatus. 2,213,642; Sept. 3.
Tönnies, Hans F., Hamburg-Grossflottbek, Germany. Photoelectric exposure meter. 2,227,166; Dec. 31.
Tookousian, Persak, assignor of 15 percent to H. E. Kouzian, Detroit, Mich. Hardening copper alloys. 2,216,379; Oct. 1.
Toolan, James J., Schenectady, N. Y. Faucet adapter. 2,201,065; May 14.
Toomey, Jeremiah F. (See McNally, J. F., and Toomey.)
Toomey, John F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,186,219; Jan. 9.
Toone, Gilbert C., Hamburg, assignor to National Aniline & Chemical Company, Incorporated, New York, N. Y. Preparation of sulphuric acid derivatives of fatty acid diesters of glycols. 2,192,721; Mar. 5.
Toop, Frederick, York, Pa., assignor to Petco, Inc., York, Pa. Motor-seating carriage for portable electric machines. 2,204,110; June 11.
Toop, Frederick, assignor to Petco, Inc., York, Pa. Portable power converting and applying unit. 2,220,871; Nov. 5.
Toop, Frederick, assignor to Petco, Inc., York, Pa. Mechanism for converting rotary motion to reciprocatory motion. 2,220,872; Nov. 5.
Tootal Broadhurst Lee Company Limited. (See Wood, Friedrick C., assignor.)
Topanelian, Edward, Jr., Penn Township, Allegheny County, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Pumping apparatus. 2,202,439; May 28.
Topel, Georg. (See Breitling, E., and Topel.)
Töpfer, Herbert, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk Siemensstadt, near Berlin, Germany. Telephone system. 2,203,755; June 11.
Töpfer, Herbert, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Measured service telephone system. 2,218,630; Oct. 22.
Topham, Charles F. (See Ellis, G. H., Topham and Olpin.)
Topham, Laurence E., Boston, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Edge-setting machine. 2,190,810; Feb. 20.
Topham, Laurence E., Wenham, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Sewing machine. 2,207,957; July 16.
Topp, Charles H., Huntington, W. Va. Flush tank construction. 2,209,640; July 30.
Topping, Robert, Toledo, Ohio. Supplemental view device. 2,197,280; Apr. 16.
Torbert, Charles W., Oklahoma City, Okla. Spray. 2,209,861; July 30.
Torbert, Everyl M., New Freedom, Pa. Pliers. 2,212,801; Aug. 27.
Torgerson, Leonard G., Sioux City, Iowa. Steel trap. 2,202,408; May 28.
Torines, Torine C., born Torrissen, Stockholm, Sweden. Device for facilitating the lifting of a body. 2,192,821; Mar. 5.
Torjussen, Karl, Brooklyn, N. Y. Double acting Diesel engine. 2,193,576; Mar. 12.
Torkelson, Torkel E. (See Peirce, J. R., and Torkelson.)
Torkelson, Torkel E., Baldwin, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,213,572; Sept. 3.
Torkelson, Torkel E., Baldwin, assignor to International Business Machines Corporation, New York, N. Y. Character recording system. 2,220,500; Nov. 5.
Tormollan, Owen E., Jr., assignor to The Glenn L. Martin Company, Baltimore, Md. Aircraft construction. 2,201,249; May 21.
Tornberg, Isidor, Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Printing press. Re. 21,319; Jan. 9.
Tornberg, Isidor, Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Plate registering and trimming machine. 2,187,106; Jan. 16.
Tornberg, Isidor, assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Machine for treating preregistered printing plates. 2,207,993; July 16.

Tornblom, Nils A., Chicago, Ill., assignor to Appleton Electric Company. Spotlight or the like. 2,191,049; Feb. 20.
Tornblom, Nils A., Chicago, and I. Meyer, Cicero, Ill., assignors to Appleton Electric Company. Theftproof roadlight mounting. 2,202,472; May 28.
Törnebohm, Hilding V., assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Snap gauge. 2,197,116; Apr. 16.
Tornebohm, Törsten G., Katrineholm, assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Rotary cutting tool. 2,199,379; May 7.
Tornese, Anthony. (See Macellaro, A., and Tornese.)
Tornquist, Earl L., Elmhurst, Ill. Metering system. 2,207,840; July 16.
Tornquist, Earl L., Elmshurst, assignor of one-half to H. W. Prafcke, Streator, Ill. Reversible heating and cooling means and method. 2,212,869; Aug. 27.
Toro, Anthony S., Newark, N. J. Tobacco smoking pipe. 2,192,781; Mar. 5.
Toro Manufacturing Corporation of Minnesota. (See Bishop, G. F., and Moyer, assignors.)
Toro Manufacturing Corporation of Minnesota. (See Clapper, John S., assignor.)
Toro Manufacturing Corporation of Minnesota. (See Moyer, Amos F., assignor.)
Toro Manufacturing Corporation of Minnesota. (See Picha, Emil, assignor.)
Toro Manufacturing Corporation of Minnesota. (See Schmidt, Albert E., assignor.)
Toronto Carton Company Limited. (See Wells, Cecil L., assignor.)
Toronto Star, The. (See Raby, A. W., and Harvey, assignors.)
Toronto Type Foundry Company Limited. (See Smith, G. E., and Stallworthy, assignors.)
Torpedo-Werke Aktiengesellschaft. (See Pfau, Max, assignor.)
Torpin, Richard, Augusta, Ga. Obstetrical device. 2,194,989; Mar. 26.
Torpin, Richard, Augusta, Ga. Roentgenpelvimeter. 2,194,990; Mar. 26.
Torrance, Murray P., Lakewood, Ohio. Coin controlled doorbell device. 2,187,578; Jan. 16.
Torrance, Wilfrid G. (See Shaw, Thomas S., assignor.)
Torrence, George P., Shaker Heights, R. F. Bergman, Lakewood, and W. F. Knebusch, Rocky River, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Thread advancing reel. 2,217,716; Oct. 15.
Torrence, George P., Shaker Heights, R. F. Bergmann, Lakewood, and C. C. Walters, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Reel clutch mechanism. 2,217,717; Oct. 15.
Torrence, Walter S., New York, N. Y. Fishing rod winding machine. 2,218,995; Oct. 22.
Torrence, Walter S., New York, N. Y. Fishing reel. 2,221,852; Nov. 19.
Torrens, Robert G., assignor of one-half to J. Ruggiero, Poughkeepsie, N. Y. Sleep control alarm. 2,187,761; Jan. 23.
Torres, Joseph, Brooklyn, N. Y. Method and apparatus for the permanent waving of hair. 2,191,293; Feb. 20.
Torretta, Antonio, et al., as trustee. (See Girardi, F., and Cipullo.)
Torri, Joseph A., Kankakee, Ill., assignor to J. W. Mortell Company. Sound-deadening composition. 2,221,499; Nov. 12.
Torrington Company, The. (See Broberg, Gustave T., assignor.)
Torrington, William P., assignor to Emulsions Process Corporation, New York, N. Y. Process and apparatus for treating yeast. 2,190,689; Feb. 20.
Torrington, William P., assignor to Emulsions Process Corporation, New York, N. Y. Yeast treating method. 2,223,501; Dec. 3.
Torstensson, Sture F. (See Blomqvist, G. M., and Torstensson.)
Torstensson, Sture F., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Vehicle refrigeration. 2,194,530; Mar. 26.
Tor-Vel Associates. (See Watson, Sydney C., assignor.)
Tota, Kenneth P., Elmira, N. Y., assignor to Ken-Vic, Inc. Deep fat food fryer. 2,212,905; Aug. 27.
Totem Shake Corporation. (See Hendricks, A. W., and Clark, assignors.)
Tóth, Charles J., Montevideo, Uruguay. Internal combustion engine. 2,205,608; June 25.
Toth, Charles Joseph, Montevideo, Uruguay. Internal combustion engine. 2,206,272; July 2.
Toth, Charles J., Montevideo, Uruguay. Compound expansion internal combustion engine. 2,226,788; Dec. 31.
Tottereau, André, Paris, France. Tap. 2,192,530; Mar. 5.
Touceda, Enrique G., Loudonville, and J. D. Lee, Jr., Schenectady, N. Y. Preserved photoelectric cell. 2,222,788; Nov. 26.
Toulon, Pierre M. G., Puteaux, France. Screen television receiver. 2,201,066; May 14.
Toulon, Pierre M. G., Puteaux, France. Cathode ray tube. 2,213,060; Aug. 27.
Tour, Reuben S. (See Hoelscher, E. H., and Tour.)
Tour, Sam, New York, N. Y., assignor, by mesne assignments, to United States Metal Powders, Inc., Closter, N. J. Making discontinuous metal flakes, flitters, or shrode. 2,199,191; Apr. 30.
Tournadre, Michel. (See Kôn, S., and Tournadre.)
Toussaint, Heinrich. (See Groetschel, Karl M., and Toussaint.)
Toussaint, Melvin E. (See Knudsen, P. E., and Toussaint.)
Toussaint, Walter J., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Vinyl esters. 2,186,437; Jan. 9.
Touton, Rush D., Cynwyd, assignor to Wurton Machine Company, Philadelphia, Pa. Method and apparatus for conditioning tobacco. 2,204,240; June 11.
Touton, Rush D., Cynwyd, assignor to Wurton Machine Company, Philadelphia, Pa. Air conditioning apparatus. 2,208,740; July 23.
Tow, James O., South Pasadena, assignor to I. J. McCullough, Los Angeles, Calif. Pipe perforating machine. 2,187,550; Jan. 16.
Tow, James O., South Pasadena, assignor to Byron Jackson Co., Huntington Park, Calif. Pipe wrench. 2,187,956; Jan. 23.
Towell, William B., Port Arthur, Tex. Condenser attachment. 2,193,499; Mar. 12.
Towers, Ernest J., Ruddington, assignor to George Blackburn and Sons Limited, Nottingham, England. Circular knitting machine for producing elastic fabrics. 2,186,506; Jan. 9.
Towers, Matthew C., Toronto, Ontario, Canada. Cigarette package. 2,197,388; Apr. 16.
Towle, Frank N. (See Gamble, E. F., and Towle.)
Towler, Agnes J., Cleveland, Ohio. Flatiron stand. 2,201,598; May 21.
Towler, Clifford O., assignor to Pobjoy Airmotors & Aircraft Limited, Rochester, Kent, England. Cooling of internal combustion engine. 2,225,807; Dec. 24.
Towler, Frank H. (See Towler, John M., and F. H.)
Towler, John M., and F. H., Yorkshire, England. Reciprocating ram pump. 2,218,927; Oct. 22.
Towler, John M., and F. H., Yorkshire, England. Reciprocating ram pump. 2,218,928; Oct. 22.
Towlsaver Inc. (See Perrin, Jay C., assignor.)
Town, Clinton D., Portland, Oreg. Dual compartment stove. 2,190,343; Feb. 13.
Towne, Albert C., Kenmore, N. Y., and L. G. Tingwall, Sr., Lake Bluff, Ill., assignors to Standard Conveyor Company, North St. Paul, Minn. Bar feeding machine. 2,200,708; May 14.
Towne, Charles C., Beacon, assignor to The Texas Company, New York, N. Y. Lubricating oil and preparing the same. 2,199,352; Apr. 30.
Towne, Charles C., Beacon, assignor to The Texas Company, New York, N. Y. Manufacture of polyvalent metal soaps. 2,205,994; June 25.
Towne, Charles C., Beacon, assignor to The Texas Company, New York, N. Y. Lubricating oil. 2,223,932; Dec. 3.
Towne, Charles C., Beacon, N. Y., and W. N. Meyer, Pryse, Ky. Lubricating composition. 2,202,128; May 28.
Towne, Ralph C., Beacon, N. Y. Fire detector. 2,185,361; Jan. 2.
Towner, Harold G., New Haven, Conn. Grommet. 2,192,946; Mar. 12.
Towner, Harold G., New Haven, Conn. Fuse. 2,216,862; Oct. 8.
Towner Manufacturing Co. (See Rapp, Howard B.)
Townsend, Adrian H., and W. C. Augenstein, Chicago, Ill. Automobile signal. 2,219,203; Oct. 22.
Townsend, Albert J., Lima, Ohio. Railway vehicle construction 2,197,137; Apr. 16.
Townsend, Charles S., assignor to Wellesley Holdings Limited, London, England. Manufacture of fertilizers. 2,220,134; Nov. 5.
Townsend, Edward F., San Antonio, Tex. Electric plug. 2,195,546; Apr. 2.
Townsend, Frank F., Camden, N. J. Bungalow. 2,190,002; Feb. 13.
Townsend, George R., Schenectady, N. Y., assignor to General Electric Company. Control device. 2,214,645; Sept. 10.
Townsend, Leonard G., Washington, D. C. Comparative determination of transmitted and reflected light. 2,196,234; Apr. 9.
Townsend, Leonard G., Washington, D. C. Arranging cards in overlapping spaced relation. 2,205,446; June 25.
Townsend, Leonard G., Washington, D. C. Control device for indexing and phototranscription machines. 2,215,381; Sept. 17.
Townsend, Roy C., La Crosse, Wis. Trailer. 2,204,108; June 11.
Towsley, Irving S., North Hills, Pa. Roof construction. 2,203,314; June 4.
Towson, Sheldon K., Cleveland Heights, assignor to The Elwell-Parker Electric Company, Cleveland, Ohio. Vehicular steering mechanism. 2,202,676; May 28.
Toy tinkers, Inc., The. (See Pajeau, Charles H., assignor.)
Toyo Gomu Kagakukogyo Kabushiki Kaisha. (See Inokuchi, T., and Kawarahata, assignors.)
Tozier, Robert E., Hampton, Va. Flowmeter. 2,197,818; Apr. 23.

Trabert, Erwin. (See Albers, F., Trabert, Sack, Jessien, Dieterle, and Riester.)
Trabold, Frank W., Detroit, Mich. Frankfurter-forming apparatus. 2,199,275; Apr. 30.
Trabold, Frank W., assignor of ninety-five one hundredths to A. Mahoney and J. J. Rosenthal, both of Detroit, Mich. Bottle mouthpiece. 2,203,476; June 4.
Trabucco, Vincent R., assignor to Steger Furniture Mfg. Co., Steger, Ill. Machine for bending wood sheets. Re. 21,479; June 4.
Trabut, Jean A., Aix-les-Bains, Savoie, assignor to Societe Savoisienne de Constructions Electriques, Aix-les-Bains, France. Auxiliary winding for transformers. 2,194,412; Mar. 19.
Trachtenberg, Samuel, Cleveland, Ohio. Shaving device. 2,213,872; Sept. 3.
Trackson Company. (See Frank, Louis C., assignor.)
Trackwell, Emery M., Leavenworth, Kans. Combination fryer and cooker. 2,205,160; June 18.
Tracy, Arthur W. (See Freeman, J. R., Jr., and Tracy.)
Tracy, Harold B., assignor to James Manufacturing Company, Fort Atkinson, Wis. Fresh air inlet valve. 2,194,878; Mar. 26.
Tracy, Hayden H., San Francisco, Calif. Lock for hinged windows. 2,205,677; June 25.
Tracy, Joseph V., Fairfield, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Instrument cap. 2,206,437; July 2.
Tracy, Levin M., Salinas, Calif. Ice crating vegetables. 2,186,352; Jan. 9.
Tracy, Lyndon S., Syracuse, assignor to The Solvay Process Company, New York, N. Y. Treating metallic articles. 2,190,050; Feb. 13.
Tracy Manufacturing Company. (See Weissert, Walter J., assignor.)
Tracy, Marian M. (See Tracy, Mearl V., assignor.)
Tracy, Mearl V., assignor to M. M. Tracy, Pasadena, Calif. Carpenter's roof lay-out gauge. 2,212,331; Aug. 20.
Tracy, Osgood V., Greenside Lane, La., assignor to Standard Oil Development Company. Production of hydrochloric acid. 2,220,304; Nov. 5.
Tracy, Robert W., assignor to The De Vilbiss Company, Toledo, Ohio. Spray head. 2,214,035; Sept. 10.
Tracy, Russel L., et al. (See Wekerle, Ernest A., assignor.)
Tradup, Albert, West Englewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone set. 2,212,216; Aug. 20.
Trager, Fred C. (See Muskat, I. E., and Trager.)
Trageser, Georg. (See Hamprecht, G., Schlecht, and Trageser.)
Trailer Company of America, The. (See Black, James J., assignor.)
Traill, David, Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Films, filaments, and other shaped articles made by hardening proteins coagulated from their solutions. 2,189,481; Feb. 6.
Trailwagons Incorporated. (See McDaniel, Ernest C., assignor.)
Trainer, James E., Fairlawn, and J. C. Hodge, Akron, Ohio, assignors to The Babcock & Wilcox Company, Newark, N. J. Welded article and making same. 2,214,002; Sept. 10.
Trainer, Raymond E. (See Smith, S., and Trainer.)
Tramarollo, Luigi G., Valdobbiadene, Italy, assignor to C. M. Aggazzotti, Cucamonga, Calif. Sparkling liquid dispenser. 2,226,880; Dec. 31.
Trambly, Alfred A., Lincoln, Nebr. Hydraulic control valve. 2,221,462; Nov. 12.
Tramm, Heinrich. (See Goethel, H., Schaller, and Tramm.)
Tramm, Heinrich. (See Geothel, H., Tramm, and Schaller.)
Tramm, Heinrich. (See Martin, F., Jung, and Tramm.)
Tramm, Heinrich, Oberhausen-Holten, and H. Kolling, Duisburg-Hamborn, assignors to Ruhrchemie Aktiengesellschaft, Oberhausen-Holten, Germany. Recovery of acetylene. 2,206,490; July 2.
Trammell, Earl M., assignor to Huttig Sash & Door Company, St. Louis, Mo. Venetian blind of guided type. 2,203,371; June 4.
Trammell, Earl M., assignor to Huttig Sash & Door Co., St. Louis, Mo. Headrail assembly for Venetian blinds. 2,203,372; June 4.
Trampier, Charles R., Sr., St. Louis, Mo. Food and water dish for animals. 2,191,811; Feb. 27.
Tranaas, Emil L., and G. L. Omon, assignors to Koehring Company, Milwaukee, Wis. Dumping vehicle and door operating means therefor. 2,189,186; Feb. 6.
Transart Aktiebolag. (See Kroner, Friedrich, assignor.)
Transcontinental & Western Air, Inc. (See Morgan, Howard K., assignor.)
Transducer Corporation. (See Ducati, Adriano C., assignor.)
Transformer Corporation of America. (See Dostal, Frank X., assignor.)
Transit Research Corporation. (See Gordon, Charles, assignor.)
Transit Research Corporation. (See Hirshfeld, Clarence F., assignor.)
Transit Research Corporation. (See Piron, Emil H., assignor.)
Translaphon Corporation. (See Runyan, Arthur L., assignor.)
Trans-Lux Corporation. (See Curtis, Kenneth L.)
Trans-Lux Corporation. (See Giles, Aquila, assignor.)
Trans-Lux Corporation. (See Newman, David F., assignor.)
Transparent Package Company. (See Garrison, Jack W., assignor.)
Transparent-Wrap Machine Corporation. (See Zwoyer, Walter R., assignor.)
Transportation Appliances, Inc. (See MacCormack, John G., assignor.)
Transportation Seat Company. (See Van Hoesen, Frank E., assignor.)
Transportation Specialties Company. (See Isaacson, Fred A., assignor.)
Transportation Systems, Inc. (See Nampa, Sulo M., assignor.)
Trantino, Samuel, assignor to Federal Cutting Machine Company, New York, N. Y. Device for sharpening cloth cutting machine blades. 2,186,507; Jan. 9.
Traphan, Bernard, assignor to B. G. R. Traphan, Astoria, Long Island, N. Y. Coin controlled dickey dispensing machine. 2,199,213; Apr. 30.
Traphan, Bernard G. R. (See Traphan, Bernard, assignor.)
Trapp, Adolph J., assignor to The Peck, Stow & Wilcox Company, Southington, Conn. Pruning shears. 2,207,994; July 16.
Trapp, George J. (See Brock, D. T., and Trapp.)
Trapp, George J., London, assignor to Automotive Products Company Limited, London, England. Speed-sensitive governing means. 2,222,919; Nov. 26.
Trassl, Hans, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Variable pole-number three-phase motor winding. 2,217,460; Oct. 8.
Tratsch, Walter A. (See Patzer, W., and Tratsch.)
Tratsch, Walter A., and W. Patzer, Chicago, Ill. Coin chute. 2,215,673; Sept. 24.
Tratsch, Walter A., Chicago, Ill. Vending machine. 2,222,862; Nov. 26.
Tratsch, Walter A., Chicago, Ill. Coin separator. 2,222,863; Nov. 26.
Traut, Rudolf, Mulheim-on-the-Ruhr, Germany. Production of hollow bodies closed at one side by punching of four-edged blocks. 2,215,943; Sept. 24.
Trautman, Oscar C. (See Wood, W. H., and Trautman.)
Trautmann, Herbert L., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Nibbler. 2,201,599; May 21.
Trautmann, Otto E. (See Diggins, B. A., and Trautmann.)
Trautmann, Otto E. (See Perkins, W. T., and Trautmann.)
Trautner, Wagn, Springdale, Ohio, assignor, by mesne assignments, to Signacator Systems, Inc., Oakland, Calif. Signal lamp bracket. 2,188,067; Jan. 23.
Traver, Clarence H., assignor to The Dole Valve Company, Chicago, Ill. Draft deflector. 2,211,035; Aug. 13.
Traver, Merrick K., assignor to J. B. Smith, San Francisco, Calif. Illuminated mirror. 2,195,526; Apr. 2.
Traver, Oliver C., Drexel Hill, Pa., assignor to General Electric Company. Electric circuit breaker. 2,223,975; Dec. 3.
Travers, Fred H., Stratford, Conn., assignor to General Electric Company, New York, N. Y. Electric switch. 2,190,525; Feb. 13.
Travers, Paul D., Fond du Lac, Wis. Playground slide. 2,189,691; Feb. 6.
Travers, Robert C., trustee. (See Morris, Albert W., assignor.)
Travis, Bert, Whittier, Calif. Rotary washer for casing perforations. 2,186,309; Jan. 9.
Travis, Charles, Philadelphia, Pa., assignor to Radio Corporation of America. Combined oscillator-detector circuits. 2,194,512; Mar. 26.
Travis, Charles, Philadelphia, Pa., assignor, by mesne assignments, to Pennsylvania Patents, Inc., Carson City, Nev. Noise-limiting circuit for carrier wave communication systems. 2,221,728; Nov. 12.
Travis, Charles, Philadelphia, Pa., assignor to Radio Corporation of America. Diode detection system. 2,224,707; Dec. 10.
Travis, Leonard, Sidney, Iowa. Drill bit holder. 2,211,393; Aug. 13.
Travis, Paul H., Detroit, Mich. Door check. 2,193,990; Mar. 19.
Travis, Paul H., Detroit, Mich. Door check. 2,200,567; May 14.
Travis, Paul H., Detroit, Mich. Door check. 2,204,330; June 11.
Travis, Paul H., Detroit, Mich. Door check. 2,204,331; June 11.
Travis, Pierce M., Ridgewood, assignor to Jacques Wolf & Company, Passaic, N. J. Colloidal gel. 2,220,667; Nov. 5.
Travnicek, Frank, East St. Louis, Ill. Speed reducing mechanism. 2,199,682; May 7.
Traylor Engineering and Manufacturing Company. (See Bernhard, Richard, assignor.)
Traylor Engineering and Manufacturing Company. (See Cheesman, R. D., and Bernhard, assignors.)
Traylor Engineering and Manufacturing Company. (See Rice, Lewis A., assignor.)

Traylor, John A., Denver, Colo., deceased; E. T. Eisenhand, T. S. Traylor, and J. B. Traylor, coexecutors. Trommel screen construction. 2,204,835; June 18.
Traylor, John A., Denver, Colo., deceased; E. T. Eisenhand, T. S. Traylor, and J. B. Traylor, coexecutors. Concentrating table. 2,208,141; July 16.
Traylor, John A., Denver, Colo., deceased; E. T. Eisenhand, and T. S. and J. B. Traylor, executors. Apparatus for separating materials. 2,221,008; Nov. 12.
Traylor, John A., Denver, Colo., deceased, E. T. Eisenhand, T. S. Traylor, and J. B. Traylor, co-executors. Classifier. 2,226,750; Dec. 31.
Traylor, John B., et al., co-executors. (See Traylor, John A., assignor.)
Traylor, John V., executor, et al. (See Traylor, John A.)
Traylor, Samuel W., Jr., Allentown, Pa. Penholder. 2,225,138; Dec. 17.
Traylor, Tessie S., et al., co-executors. (See Traylor, John A., assignor.)
Traylor Vibrator Company, The. (See Johnson, Claus J., assignor.)
Trbojevich, Nikola, Detroit, Mich. Universal joint. 2,186,846; Jan. 9.
Trbojevich, Nikola, Detroit, Mich. Steering gear. 2,214,492; Sept. 10.
Trbojevich, Nikola, Detroit, Mich. Screw and nut mechanism for steering gears. 2,214,493; Sept. 10.
Trca, Charles, Pontiac, Mich. Heater for starting cold internal combustion engines. 2,192,389; Mar. 5.
Treacy, Robert T., Brooklyn, assignor to G. W. Danneman & Co., Inc., New York, N. Y. Pad holder. 2,193,991; Mar. 19.
Treadwell, M. H., Co. (See Astrom, Carl P., assignor.)
Trebbin, Georg. (See Ledig, W., Trebbin, and Seffert.)
Trebbin, George, Berlin-Spandau, W. Ledig, Berlin-Lichtenrade, and H.-J. Helwig, Berlin-Schoneberg, Germany, assignors to General Electric Company. Gaseous electric discharge lamp device. 2,200,939; May 14.
Trebert, Henry L., Canandaigua, N. Y. Pattern making machine. 2,210,737; Aug. 6.
Treboux, Jules, Neue Welt, near Basel, assignor to the firm J. R. Geigy S. A., Basel, Switzerland. Rubber composition and its manufacture. 2,193,748; Mar. 12.
Treboux, Jules, Neue Welt, near Basel, assignor to J. R. Geigy A. G., Basel, Switzerland. Agent for combating pests. 2,221,931; Nov. 19.
Treckmann, Hans, Wuppertal-Barmen, Germany. Winding frame for winding bobbins with cylindrical layering. 2,227,044; Dec. 31.
Treece, Jesse H. (See Schutz, H. R., and Treece.)
Treeland, Lewis, Kansas City, Kans. Fertilizer and making same. Re. 21,638; Nov. 26.
Treffeisen, Albert M., Merrick, N. Y. Head rod holder for stationary awnings. 2,189,525; Feb. 6.
Trefny, Ladislaw E. (See Rylsky, G. V., and Trefny.)
Tregoning, William C., Wauwatosa, assignor to Clum Manufacturing Company, Milwaukee, Wis. Snap actuator and switch. 2,222,963; Nov. 26.
Treiber, Theodore R., assignor, by mesne assignments, to H. E. Gremp, Chicago, Ill. Bowling alley. 2,219,704; Oct. 29.
Treibs, Alfred. (See Halbig, P., and Treibs.)
Treinis, Silas H., New York, N. Y. Sterilizer for footwear. 2,201,548; May 21.
Tremblay, Albert F., assignor to Kent-Owens Machine Company, Toledo, Ohio. Method and apparatus for delivering and gathering glass. 2,191,733; Feb. 27.
Tremblay, Louis P., Lewiston, Maine, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for nailing shoe bottoms. 2,186,155; Jan. 9.
Tremblay, St. Georges L., Albany, N. Y. Window-suspension device. 2,196,948; Apr. 9.
Trembly, Garrett H. (See Louis, Fred T., assignor.)
Tremco Manufacturing Company, The. (See Church, John W., assignor.)
Tremmel, George B., assignor of fifty per cent to H. B. Alderson, Washington, D. C. Paper clip. 2,186,508; Jan. 9.
Tremolada, Guglielmo R., Los Angeles, Calif. Suspension hydraulic swivel and feed for rotary well drilling. Re. 21,677; Dec. 24.
Trent, Harley H., Los Angeles, Calif. Can attachment. 2,225,670; Dec. 24.
Trent, Harold E., Philadelphia, Pa. Vane type heater. 2,204,332; June 11.
Treo Company. (See Campbell, Lois F., assignor.)
Trepanier, Joseph E., et al. (See Boivin, Odilon, assignor.)
Trequigneaux, Alfred. (See Cohu, M., and Trequigneaux.)
Treshow, Michael. (See West, C. T., and Treshow.)
Trethewey, William B., Haywards Heath, assignor to Furnace Controls Limited, London, England. Controlling the draft in furnace flues. 2,220,630; Nov. 5.
Treubert, Ludwig, Dresden, Germany, assignor to General Electric Company. Control device. 2,209,241; July 23.
Trevaskis, Henry. (See Beharrell, G. E., Wright, and Trevaskis.)
Treverton, Richard W. (See Clark, Wilbur T., assignor.)
Trevor, Bertram, Riverhead, N. Y., assignor to Radio Corporation of America. Automatic gain control. 2,185,612; Jan. 2.
Trevor, Bertram, Riverhead, N. Y., assignor to Radio Corporation of America. Electrical wave filter. 2,201,326; May 21.
Trevor, Bertram, Riverhead, N. Y., assignor to Radio Corporation of America. Ultra short wave receiver. 2,202,035; May 28.
Trevor, Bertram, Riverhead, N. Y., assignor to Radio Corporation of America. Electrical wave filter. 2,220,922; Nov. 12.
Trexler, William H., Ravenna, Ohio. Inflatable toric article and making the same. 2,206,438; July 2.
Triantaphyllides, Telemach. (See Nowak, P., and Triantaphyllides.)
Trible, Winthrop. (See Romaine, M., and Trible.)
Trible, Winthrop, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Headstock positioning mechanism. 2,191,137; Feb. 20.
Trice, Spencer T., Mabank, Tex. Cooling device. 2,191,050; Feb. 20.
Trichel, Gervais W. (See Lewis, J. T., and Trichel.)
Trickey, William W., Verona, assignor to Lock Joint Pipe Company, East Orange, N. J. Making concrete pipe. 2,216,896; Oct. 8.
Trickey, William W., Verona, assignor to Lock Joint Pipe Company, East Orange, N. J. Pipe joint. 2,223,434; Dec. 3.
Tri-Clover Machine Company. (See Hinrichs, Ferdinand, assignor.)
Tri-Clover Machine Company. (See Hinrichs, F., and Sery, assignors.)
Trico Products Corporation. (See Browne, Donald B., assignor.)
Trico Products Corporation. (See Horton, Erwin C., assignor.)
Trico Products Corporation. (See Rappl, Anton, assignor.)
Trico Products Corporation. (See Rousseau, Raymon E., assignor.)
Trico Products Corporation. (See Ryan, Maurice L., assignor.)
Trico Products Corporation. (See Sibley, Edward W., assignor.)
Tricomi, Agatino and E. B., Brooklyn, N. Y. Electric steam iron. 2,222,305; Nov. 19.
Tricomi, Edward B. (See Tricomi, Agatino and E. B.)
Tricouni Société Anonyme. (See Genecand, Félix, assignor.)
Trier Bros. Limited. (See Crothers, Paul F., assignor.)
Trier, Carl L., and J. H. Livingston, 3rd, Baltimore, Md., assignors to Cherry-Burrel Corporation, Wilmington, Del. Overload clutch. 2,207,038; July 9.
Trigg, Chester S., and E. F. Schweller, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,187,387; Jan. 16.
Trigg, James E., Sacramento, Calif. Bearing lubrication. 2,192,989; Mar. 12.
Trilling, Charles, New York, N. Y. Drafting instrument. 2,220,923; Nov. 12.
Trimbach, Clem G., Eggertsville, and C. R. Lemonier, Kenmore, N. Y., assignors to Curtiss-Wright Corporation. Flexible gun turret. 2,206,065; July 2.
Trimble, Lyne S. (See Gundelfinger, A. M., and Trimble.)
Trimble Nurseryland Furniture, Inc. (See Baxter, William C., assignor.)
Trimble Nurseryland Furniture, Inc. (See De Puy, Charles T., assignor.)
Trimble, Raymond F., Philadelphia, Pa. Foot covering. 2,210,475; Aug. 6.
Tri-Mension Films, Inc. (See Nakken, Theodorus H., assignor.)
Trimmer, Herbert H., Van Nuys, Calif. Engine control mechanism. 2,189,499; Feb. 6.
Trimount Coin Machine Company. (See Handley, E. W., and Segerstrom, assignors.)
Trinder, Edward M. (See Jaeger, A., and Trinder.)
Tringham, William S. L., Surrey, England, assignor to Radio Corporation of America. Modulated carrier wave television and like transmitter. 2,188,068; Jan. 23.
Trinkle, Dallas R., Oakland, assignor to Oliver United Filters Incorporated, San Francisco, Calif. Filter. Re. 21,639; Nov. 26.
Triolo, Louis, assignor to Imperial Paper Box Corporation, Brooklyn, N. Y. Hinge applying machine. 2,205,367; June 18.
Trion Company, The. (See Dunn, Carl L., assignor.)
Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Circuit interrupting apparatus. 2,199,551; May 7.
Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Fuse. 2,200,608; May 14.
Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conard, Inc., Chicago, Ill. Fuse. 2,221,958; Nov. 19.
Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Fuse construction. 2,226,838; Dec. 31.
Triplett, Louis B., Pasadena, Calif. Foot treating device. 2,187,920; Jan. 23.
Triplett, Ray L. (See Wenger, Floyd E., assignor.)
Triplett, Ray L., Bluffton, Ohio. Dial lighting. 2,214,209; Sept. 10.
Triplett, Ray L., Bluffton, Ohio. Radio tube tester. 2,217,925; Oct. 15.
Tri-Poster Systems Co. Inc. (See McNabb, Edgar M., assignor.)

Tripp, Edward J. (See Cobham, A. J., Allison, and Tripp.)
Tripp, John P., Montreal, Quebec, Canada. Arc welding apparatus. 2,197,281; Apr. 16.
Tripp, John P., Montreal, Quebec, Canada. Arc welding apparatus. 2,205,002; June 18.
Tripp, Weaver W., and R. H. Kale, Mebane, N. C. Truck. 2,189,089; Feb. 6.
Trist, Arthur R., Chipstead, England. Printing plate. 2,203,849; June 11.
Tri-Tix Incorporated. (See Knapp, William G., assignor.)
Tritt, Charles W., Huntington Park, Calif. General service hook for hats and other articles. 2,206,588; July 2.
Trix, Herbert B., et al. (See Weinhardt, Robert A., assignor.)
Trnka, Otto A. (See Chester, B. B., and Trnka.)
Troche, Herman J., assignor to The American Coach and Body Company, Cleveland, Ohio. Door construction. 2,202,274; May 28.
Troeger, Ernest A., assignor to J. H. Gilvarry, Brooklyn, N. Y. Paint and process for making same. 2,226,030; Dec. 24.
Tröger, Richard, Berlin-Zehlendorf-Mitte, Germany, assignor to General Electric Company. Regulating system. 2,186,847; Jan. 9.
Tröger, Richard, Berlin-Zehlendorf, Germany, assignor to General Electric Company. Electric valve converting apparatus. 2,210,785; Aug. 6.
Trojan Powder Company. (See Snelling, Walter O., assignor.)
Trojan Powder Company. (See Wyler, Joseph A., assignor.)
Trollen, Martin E., assignor to Brown & Bigelow, St. Paul, Minn. Desk lighter. 2,196,879; Apr. 9.
Trollen, Martin E., assignor to Brown & Bigelow, St. Paul, Minn. Letter wallet and billfold. 2,207,135; July 9.
Trollen, Martin E., assignor to Brown & Bigelow, St. Paul, Minn. Desk calendar. 2,207,209; July 9.
Trollen, Martin E., assignor to Brown & Bigelow, St. Paul, Minn. Billfold. 2,209,486; July 30.
Trollen, Martin E., assignor to Brown & Bigelow, St. Paul, Minn. Pencil. 2,214,090; Sept. 10.
Troller, Theodor H., Akron, assignor to La-Del Conveyor & Manufacturing Co., New Philadelphia, Ohio. Propeller type fan construction. 2,219,499; Oct. 29.
Trombetta, Panfilo, Milwaukee, Wis. Electromagnetic brake. Re. 21,497; June 25.
Trommsdorff, Ernst. (See Bauer, W., and Trommsdorff.)
Trommsdorff, Ernst, Jugenheim-on-the-Bergstrasse, Germany, assignor to Röhm & Haas Company, Philadelphia, Pa. Organogel. 2,200,709; May 14.
Tromp, Theodoor P., Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge tube. 2,205,502; June 25.
Tronnier, Albrecht W., Gottingen, assignor to Jos. Schneider & Co., Optotechnische Gesellschaft Berlin, Berlin, Germany. Asymmetric objective. 2,202,749; May 28.
Tronnier, Albrecht W., Gottingen, assignor to Jos. Schneider & Co., Optotechnische Gesellschaft Berlin, Berlin, Germany. Telemeter. 2,210,191; Aug. 6.
Tronstad, Leif H. L., Trondheim, Norway. Device for drying the inside of shoes and boots. 2,210,862; Aug. 6.
Tropic-Aire, Incorporated. (See Butterfield, Vernon J., assignor.)
Tropic-Aire, Incorporated. (See Fink, Henry W., assignor.)
Tropsch, Hans, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,194,335; Mar. 19.
Tropsch, Hans, deceased, by C. W. von Helmolt, administrator de bonis non, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,203,850; June 11.
Trosch, Alfred, assignor to Consolidated Machine-Tool Corporation, Rochester, N. Y. Control mechanism for boring mills and the like. 2,202,766; May 28.
Trosch, Alfred, assignor to Consolidated Machine Tool Corporation, Rochester, N. Y. Planer. 2,202,767; May 28.
Trosen, Walter A. (See Miller, P. W., and Trosen.)
Troshinsky, Leon H. (See Foy, Bernard J., assignor.)
Troshkin, Alexander N., New York, N. Y., assignor to Resistoflex Corporation, Belleville, N. J. Hose coupling. 2,211,446; Aug. 13.
Trost, Adolf, Berlin-Steglitz, assignor to Gesellschaft zur Förderung Zerstörungsfreier Prüfverfahren e. V., Berlin-Dahlem, Germany. Measuring short-wave radiations. 2,222,450; Nov. 19.
Trost, Adolf, Berlin-Steglitz, assignor to Gesellschaft zur Förderung Zerstörungsfreier Prüfverfahren e. V., Berlin-Dahlem, Germany. Compensating the fluctuations in ray doses. 2,222,451; Nov. 19.
Trost, Adolf, Berlin-Steglitz, assignor to Gesellschaft zur Förderung Zerstörungsfreier Prüfverfahren e. V., Berlin-Dahlem, Germany. Apparatus for measuring short-wave rays. 2,222,452; Nov. 19.
Trostler, Fredrick. (See Carlsson, F., and Trostler.)
Trotman, Herbert, Bayside, N. Y. Drain stopper. 2,205,703; June 25.
Trott, Rolland S., Denver, Colo. Engine mounting. 2,209,862; July 30.
Trotter, George C., Chicago, Ill. Dispensing device. 2,219,604; Oct. 29.
Trotter, Walter F., Amelia, Ohio. Wrench socket. 2,202,240; May 28.
Trotter, William, Forest Hills, N. Y., and E. W. Wilkinson, Berkeley, Calif., assignors to Minerals Separation North American Corporation, New York, N. Y. Concentration of comminuted materials from their mixtures. 2,205,503; June 25.
Trousarobe, Inc. (See Buchanan, Aletha, assignor.)
Trout, Walter C., and E. M. Tollefson, Lufkin, Tex., assignors to Lufkin Foundry & Machine Company. Walking beam bearing and hanger. 2,188,583; Jan. 30.
Trout, Walter C., and F. Graham, assignors to Lufkin Foundry & Machine Company, Lufkin, Tex. Pumping power. 2,221,292; Nov. 12.
Trovillo, Sallie D., Holdrege, Nebr. Mattress. 2,216,991; Oct. 8.
Trow, Richard F., Tuckahoe, assignor, by mesne assignments, to Texaco Development Corporation, New York, N. Y. Conversion of hydrocarbon oils. 2,193,776; Mar. 12.
Trowbridge, Edwin G., Phoenix, N. Y. Illuminating means for fountains. 2,226,915; Dec. 31.
Trowbridge, Miles L., and C. D. Cothran, Pomona, Calif., assignors to Brogdex Company, Winter Haven, Fla. Protective treatment of fresh fruits and vegetables in preparation for market. 2,196,164; Apr. 2.
Troxel Manufacturing Company, The. (See Hayes, Arthur D., assignor.)
Troxel Manufacturing Company, The. (See Kalter, Harold E., assignor.)
Troy, Frederick G., Jr., Oakland, Calif. Dispensing device. 2,206,983; July 9.
Troy, Matthew O., Schenectady, N. Y., assignor to General Electric Company. Liquid-cooled electric apparatus. 2,214,865; Sept. 17.
Troy, Seymour, New York, N. Y. Shoe. 2,185,362; Jan. 2.
Troy, Seymour, New York, N. Y. Lady's shoe. 2,208,822; July 23.
Troy Sunshade Company, The. (See Bader, Harry J., assignor.)
Troy Sunshade Company, The. (See Haslup, Clarence L., assignor.)
Troyer, John S., Moyock, N. C., assignor of one-half to The Massey-Harris Company, Racine, Wis. Harvester-thresher. Re. 21,421; Apr. 9.
Truax, Dave E. (See La Piana, F. G., and Truax.)
Truax, Harry. (See Gouinlock, W. S., and Truax.)
Trubenizing Process Corporation. (See Bihaly, Ludwig, assignor.)
Trubenizing Process Corporation. (See Hanff, F., and Reimann, assignors.)
Trubenizing Process Corporation. (See Metzger, Paul assignor.)
Trubitz, Philip, assignor to S. Pass, Chicago, Ill. Furniture slip cover. 2,191,633; Feb. 27.
Trudeau, Louis N. (See Berenson, H. J., and Trudeau.)
Trudeau, Maximillian O., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Signal for liquid dispensing apparatus. 2,191,262; Feb. 20.
True, Osmond S., Scarsdale, N. Y., and E. R. Beecher, Westfield, N. J., assignors to United States Rubber Company, New York, N. Y. Pickling tank. 2,216,544; Oct. 1.
Truesdale, Cavour L., St. Louis, Mo. Book marker. 2,194,576; Mar. 26.
Truesdale, Melville D., Fairfield, Conn. Bottle cap remover. 2,222,382; Nov. 19.
Truesdell, Henry P., Schenectady, N. Y., assignor to General Electric Company. Electrical connector. 2,209,242; July 23.
Truitt, Charles E., Springfield, Ill. Sanitary sugar dispenser. 2,196,712; Apr. 9.
Truitt, Wallace B. (See Truitt, William O. and W. B.)
Truitt, William O. and W. B., Greensboro, N. C. Lifting and transporting truck. 2,193,047; Mar. 12.
Trulock, Carl E., Larchmont, N. Y. Safety screen guard. 2,197,489; Apr. 16.
Truman, Charles H., et al. (See Hooper, Archibald H., assignor.)
Trumbower, Walter G. (See Moore, C. B., and Trumbower.)
Trumbull Electric Manufacturing Company, The. (See Anderson, William C., assignor.)
Trumbull Electric Manufacturing Company, The. (See Carlson, Elmer T., assignor.)
Trumbull Electric Manufacturing Company, The. (See Du Bois, Kenneth W., assignor.)
Trumbull Electric Manufacturing Company, The. (See Getchell, Benjamin E., assignor.)
Trumbull Electric Manufacturing Company, The. (See Hammerly, Herman J., assignor.)
Trumbull Electric Manufacturing Company, The. (See Harvey, Frank, assignor.)
Trumbull Electric Manufacturing Company, The. (See Heim, Joseph P., assignor.)
Trumbull Electric Manufacturing Company, The. (See Rowe, Raymond N., assignor.)
Trumbull Electric Manufacturing Company. (See Rowe, R. N., and Robertson, assignors.)
Trumbull Electric Manufacturing Company, The. (See Smith, H. S., and Robertson, assignors.)

Trumbull Electric Manufacturing Company, The. (See Thomasen, Alfred W., assignor.)
Trumbull, Frank S., Providence, R. I. Spoon, fork, or like article. 2,198,355; Apr. 23.
Trumbull, George T. (See MacDonald, William N., assignor.)
Trumbull, Harlan L., Hudson, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polyvinyl halide product. 2,186,183; Jan. 9.
Trumbull Metal Products Company, The. (See Beebe, John D., assignor.)
Trumbull Metal Products Company, The. (See Beebe, Watson, assignor.)
Trump, John G. (See Van de Graaff, R. J., and Trump.)
Truscon Laboratories, Inc. (See Madison, R. E., and Saunders, assignors.)
Truscon Laboratories, The. (See Plumb, Walt A., assignor.)
Truscon Steel Company. (See Montgomery, J. R., Schulz, and Macleod, assignors.)
Truscon Steel Company. (See Morgan, David H., assignor.)
Truscon Steel Company. (See Schottenberg, Elmon A., assignor.)
Truscon Steel Company. (See Skeel, R. C., and Krauss, assignors.)
Truslow, James L., assignor to Whitin Machine Works, Whitinsville, Mass. Manufacture of yarn. 2,206,242; July 2.
Truss, Frank D. (See Cumbus, J. W., and Truss.)
Trussed Concrete Steel Company, The. (See Durley, Thomas C., assignor.)
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Loose leaf binder. 2,204,918; June 18.
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Book or binder cover. 2,215,433; Sept. 17.
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Loose-leaf binder. 2,218,799; Oct. 22.
Trussell, Emory A., Milwaukee, Wis. Binder. 2,207,602; July 9.
Trussell Manufacturing Company. (See Trussell, Clarence D., assignor.)
Tryce, Benjamin R., Greenwood, Del. Pump point. 2,188,124; Jan. 23.
Trydal, Nils, Chicago, Ill., assignor to Davidson Manufacturing Corporation. Friction feeder. 2,224,138; Dec. 10.
Tsai, Herbert. (See Chuy, Nicholas, assignor.)
Tschaepe, Kurt, New York, N. Y. Window guard. 2,209,742; July 30.
Tschan, Ernst, assignor to the firm Durand & Huguenin S. A., Basel, Switzerland. Producing prints and dyeings with ester salts of leuco vat dyestuffs. 2,193,749; Mar. 12.
Tschanz, Carl A., Cincinnati, Ohio. Spring and sway control system for wheeled vehicles. 2,198,019; Apr. 23.
Tschappat, Sheridan P., Tulsa, Okla. Tubing and casing head. 2,185,478; Jan. 2.
Tschappat, Sheridan P., Tulsa, Okla. Casing and tubing head. 2,185,479; Jan. 2.
Tschappat, Sheridan P., Tulsa, Okla. Well device. 2,220,359; Nov. 5.
Tscherne, Alois, Rorschach, Switzerland. Centering point for lathes, grinding machines, and the like. 2,209,493; July 30.
Tschopp, Louis R., Buffalo, N. Y. Illuminated sign. 2,220,618; Nov. 5.
Tubbs, Earl D., New York, N. Y., assignor to Igoe Brothers, Inc., Newark, N. Y. Wire drawing apparatus. 2,215,235; Sept. 17.
Tubbs, Ernest A., Long Island City, N. Y., assignor to National Television Corporation, Wilmington, Del. Circuit aligning device and aligning circuits. 2,186,184; Jan. 9.
Tubbs, Ernest A., Long Island City, N. Y., assignor to National Television Corporation, Wilmington, Del. Apparatus for receiving electrical communications. 2,210,738; Aug. 6.
Tube Reducing Corporation. (See van den Bungelaar, Alfred, assignor.)
Tubize Chatilion Corporation. (See Allquist, J. W., and Oppenlaender, assignors.)
Tubize Chatillon Corporation. (See Archer, Edward G., assignor.)
Tubize Chatillon Corporation. (See Barthelemy, Henri L., assignor.)
Tucci, Anthony J., North Tarrytown, N. Y. Spraying apparatus. 2,203,851; June 11.
Tuck, Arthur W. (See Jenkins, A. H. S., Reece, and Tuck.)
Tuck, Davis H., Redding Ridge, Conn., and S. J. Harris, assignors to Holophane Company, Inc., New York, N. Y. Built-in lighting unit. 2,218,731; Oct. 22.
Tuck, Desmon, and A. T. Stickland, London, England. Color camera. 2,199,057; Apr. 30.
Tucker, Albert W., and B. H. Piers, Washington, D. C. Garment bag. 2,224,090; Dec. 3.
Tucker, Charles E., Davidson, Okla. Supplemental mote remover for cotton gins. 2,201,933; May 21.
Tucker, Clarence W., Lodi, Calif. Cord plug. 2,195,714; Apr. 2.
Tucker, Earnest L., Coalburg, W. Va. Automatic mine trap door. 2,188,694; Jan. 30.
Tucker, Floyd L. (See Bishop, J P., and Tucker.)
Tucker, Gladys, et al. (See Tucker, Morton, assignor.)
Tucker, Guy L., assignor to General Motors Corporation, Detroit, Mich. Robe rail mounting. 2,201,327; May 21.
Tucker, Herbert E. (See Hall, J. M., and Tucker.)
Tucker, Lewis B., Rye, N. Y. Douche appliance. 2,199,844; May 7.
Tucker, Mayson H., New York, N. Y. Photographic printing. 2,199,580; May 7.
Tucker, Morton, Haddonfield, assignor of one-half to M. A. Rabkin, Camden, and one-half to G. Tucker, Magnolia, N. J. Hinge. 2,222,920; Nov. 26.
Tucker, Roy, et al. (See Darling, Louis H., assignor.)
Tucker, Stanley, London, England, assignor to Minerals Separation North American Corporation, New York, N. Y. Froth-flotation machine. 2,190,852; Feb. 20.
Tucker, Thomas F., Jamaica, N. Y. Time interval indicating device. 2,224,451; Dec. 10.
Tucker, Warren R. (See Ernst, W., Geiger, and Tucker.)
Tucker, William C., Kenmore, assignor to Buffalo Forge Company, Buffalo, N. Y. Method and machine for forming metal. 2,197,906; Apr. 23.
Tucker, William C., Kenmore, assignor to Buffalo Forge Company, Buffalo, N. Y. Bending machine. 2,215,111; Sept. 17.
Tuczek, Franz. (See Hellmann, R., Heymann, and Tuczek.)
Tuel, William G., Indianapolis, Ind., assignor to The Prest-O-Lite Company, Inc. Gas detector. 2,200,523; May 14.
Tuell, Willard L., Rockford, Ill. Interior construction for motor vehicles. 2,207,958; July 16.
Tuennermann, Eric P., assignor to The Dow Chemical Company, Midland, Mich. Parasiticidal composition. 2,210,964; Aug. 13.
Tuerck-Mackenzie Company. (See Tuerck, Oscar, assignor.)
Tuerck, Oscar, assignor to Tuerck-Mackenzie Company, Portland, Oreg. Tamping bar clamp. 2,185,613; Jan. 2.
Tufide Products Corporation. See Sheesley, Horace A., assignor.)
Tuft, Miles H., assignor to Deere & Company, Moline, Ill. Trailer brake mechanism. 2,213,891; Sept. 3.
Tuft, Miles H., and J. H. Clark, assignors to Deere & Company, Moline, Ill. Trailer brake. 2,192,055; Feb. 27.
Tuft, Miles H., and C. T. Rasmussen, assignors to Deere & Company, Moline, Ill. Row crop harvesting implement. 2,196,446; Apr. 9.
Tuft, Miles H., Moline, and R. D. Griff, Rock Island, assignors to Deere & Company, Moline, Ill. Planter. 2,210,990; Aug. 13.
Tuft, Miles H., and J. H. Clark, assignors to Deere & Company, Moline, Ill. Trailer couping. 2,225,188; Dec. 17.
Tufts, Marshall W., executor. (See Woodman, George A.)
Tuggle, H. Gordon, et al. (See Wells, Latinus A., assignor.)
Tulchin, David, New York, N. Y. Wire terminal for electric lamp sockets and other appliances. 2,223,469; Dec. 3.
Tuley, William F., Naugatuck, C. S. Dewey, Cheshire, and R. S. Hanslick, Naugatuck, Conn., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Production of aliphatic ketone-diarylamine antioxidants. 2,202,934; June 4.
Tull, Robert H. (See Scott, E. W., and Tull.)
Tull, Robert H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Humidifier for mechanical refrigerators. 2,209,431; July 30.
Tullar, Benjamin F. (See Scott, A. B., Hummel, Tullar, and Wainwright.)
Tullar, Benjamin F., assignor to Parke, Davis & Company, Detroit, Mich. Hydrated hydroxyphenyl arsinoxide sulphate and making it. 2,222,383; Nov. 19.
Tullar, Paul E. (See Page, R. C., and Tullar.)
Tullar, Paul E., Tuckahoe, and R. C. Page, Mount Vernon, assignors to Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Antiseptic bottle closure. 2,186,888; Jan. 9.
Tullberg, Carl O., and R. D. Frampton, Long Beach, Calif. Tubing bleeder. 2,215,599; Sept. 24.
Tullio, Nicholas, Cleveland Heights, Ohio. Weed puller. 2,194,336; Mar. 19.
Tulloch, David, assignor to Diamond Expansion Bolt Company, Garwood, N. J. Method and apparatus for making helixes without the aid of a core or mandrel. 2,202,275; May 28.
Tullock, John F., et al. (See Dorwin, C. W., and Edwards, assignors.)
Tuma, Elias C., et al. (See Hazey, George W., assignor.)
Tuma, Richard C., et al. (See Hazey, George W., assignor.)
Tumbridge, Stanley S. (See Keaton, Clyde D., assignor.)
Tumey, Charles M., Indianapolis, Ind., assignor to Universal Corporation. Rotary engine. 2,211,447; Aug. 13.

Tung-Sol Lamp Works Inc. (See Braunsdorff, Reginald K., assignor.)
Tung-Sol Lamp Works Inc. (See Lackey, James A., assignor.)
Tung-Sol Lamp Works, Inc. (See Schulte, Milton R., assignor.)
Tunison, John L. (See Carlson, G. A., and Tunison.)
Tunley, Allan A., and W. E. Prescott, assignors to Baker Perkins Limited, Peterborough, England. Transporting goods from a chocolate coating or like machine. 2,197,327; Apr. 16.
Tunley, Allan A., and J. C. Paterson, Peterborough, England, assignors to Baker Perkins Company Inc., Saginaw, Mich. Chocolate and like refiner roll machine. 2,217,974; Oct. 15.
Tunnicliffe, Edward A. J., London, England. Light inspection or display device. 2,217,262; Oct. 8.
Tunsen, Elmer L., and C. A. Rasmussen, Modesto, Calif.; said Tunsen assignor to said Rasmussen. Ditching machine. 2,218,222; Oct. 15.
Tuoro, John B., Wakefield, F. L. Van Gorder, Bessemer, and H. K. Anderson, Ironwood, Mich. Sectional trolley guard. 2,221,158; Nov. 12.
Tupta, Frank, Cleveland, Ohio. Airplane wing. 2,209,863; July 30.
Tupy, Charles J., assignor to Cullen-Friestedt Company, Chicago, Ill. Lifter. 2,226,789; Dec. 31.
Turano, Dominick, Brooklyn, N. Y. Shearing furs. 2,206,243; July 2.
Turbo Engineering Corporation. (See Birmann, Rudolph, assignor.)
Turbuletics Corporation, The. (See Butler, Edward A., assignor.)
Turck, Joseph A. V., Wilmette, assignor to Felt & Tarrant Mfg. Co., Chicago, Ill. Switch. 2,219,878; Oct. 29.
Turck, Joseph A. V., Wilmette, Ill., and B. C. Clevenger, Richmond, Va., assignors to Felt & Tarrant Mfg Co., Chicago, Ill. Locking mechanism for calculating machines. 2,224,203; Dec. 10.
Turechek, George F., assignor to Lane-Wells Company, Los Angeles, Calif. Pressure compensator for gun perforators. 2,191,781; Feb. 27.
Turechek, George F., assignor to Lane-Wells Company, Los Angeles, Calif. Gun perforator. 2,210,192; Aug. 6.
Turechek, George F., assignor to Lane-Wells Company, Los Angeles, Calif. Sealing disk for gun perforators. 2,216,144; Oct. 1.
Turechek, George F., assignor to Lane-Wells Company, Los Angeles, Calif. Gun perforator for well casings. 2,216,145; Oct. 1.
Turek, Frank S., Yonkers, assignor to Interchemical Corporation, New York, N. Y. Chemical apparatus. 2,194,250; Mar. 19.
Turenne, Wilfred J. (See Fenn, T. L., and Turenne.)
Turet, David, New York, N. Y. Tag. 2,197,138; Apr. 16.
Turkel, Henry, Detroit, Mich. Device for performing a biopsy. 2,219,605; Oct. 29.
Turkevich, John, Princeton, and R. F. Ruthruff, Nutley, N. J., assignors to Process Management Company, Inc., New York, N. Y. Catalyst production. 2,211,302; Aug. 13.
Turnbaugh, Elbert L., San Francisco, Calif. Interest calculating machine. 2,193,848; Mar. 19.
Turnbow, Grover D., assignor of one-half to C. E. Gray, Oakland, Calif. Impalpable sugar composition and producing same. 2,193,950; Mar. 19.
Turnbull, David C., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Abrasive throwing machine. 2,204,632; June 18.
Turnbull, David C., assignor to American Foundry Equipment Company, Mishawaka, Ind. Abrasive-throwing wheel. 2,204,633; June 18.
Turnbull, David C., assignor to American Foundry Equipment Company, Mishawaka, Ind. Abrasive-throwing wheel. 2,204,634; June 18.
Turnbull, David C., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Centrifugal abrading machine. 2,204,635; June 18.
Turnbull, David C., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Apparatus for treating metal articles. 2,204,636; June 18.
Turnbull, David C., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Apparatus for sorting granular materials. 2,224,169; Dec. 10.
Turnbull, Edward D., Clarks Summit, Pa., assignor to The Glidden Company, Cleveland, Ohio. Preparing white lead. 2,198,641; Apr. 30.
Turnbull Elevator Company. (See Crane, Harold C., assignor.)
Turnbull, Norman K., Pitman, N. J., and J. V. Dunham, Southampton, Pa. Detecting the emergence of a projectile from the muzzle of a gun barrel. 2,206,927; July 9.
Turner, Albert. (See Arms, M. H., Johnson, and Turner.)
Turner, Alfred H., Collingswood, N. J., assignor to Radio Corporation of America. Station selector. 2,189,304; Feb. 6.
Turner, Arthur F. (See Cartwright, C. H., and Turner.)
Turner Brass Works. (See Pehrson, Henry L., assignor.)
Turner, Cameron, Beverly, Mass. Multiple candle. 2,196,509; Apr. 9.
Turner, Charles C. (See Martin, P. S., and Turner.)
Turner, Charles G., Atlanta, Ga. Dough working, conveying, and cutting table. 2,226,084; Dec. 24.
Turner, Chester D., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe. 2,197,907; Apr. 23.
Turner, David, Cedar Rapids, Iowa. Flower carrier. 2,212,089; Aug. 20.
Turner, Earl W., et al. (See Turner, Earl W., assignor.)
Turner, Earl W., Kokomo, Ind., assignor of one-third to himself; one-third to E. E. Turner, one-sixth to E. W. Turner, trustee for J. E. Turner, one-sixth to E. W. Turner, trustee for H. C. Turner. Wheel balance weight. 2,202,129; May 28.
Turner, Earl W., Kokomo, Ind., assignor of one-third to Ellen E. Turner, one-sixth to E. W. Turner, trustee for J. E. Turner, one-sixth to E. W. Turner, trustee for H. C. Turner, and one-third to E. W. Turner. Wheel balance weight. 2,221,747; Nov. 19.
Turner, Edward T., Dayton, Ohio. Method and apparatus for generating power. 2,190,957; Feb. 20.
Turner, Edward T., Dayton, Ohio. Steam generator. 2,200,759; May 14.
Turner, Edwin A., assignor, by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y. Stoker construction. 2,198,710; Apr. 30.
Turner, Edwin E., Jr., West Roxbury, assignor to Submarine Signal Company, Boston, Mass. Producing mechanical vibrations. 2,219,348; Oct. 29.
Turner, Ellen E., et al. (See Turner, Earl W., assignor.)
Turner, Erwin A., New York, N. Y., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 2,216,028; Sept. 24.
Turner, George F. (See Harper, P. S., and Turner.)
Turner, George F., assignor to Harper-Wyman Manufacturing Company, Chicago, Ill. Fastening means for detachably securing handles to operating shafts. 2,191,294; Feb. 20.
Turner & Harrison Steel Pen Manufacturing Company. (See Huss, Raymond S., assignor.)
Turner, Helen C. (See Turner, Earl W.)
Turner, Henry C. (See Johnson, W. A., and Turner.)
Turner, Henry C., Manchester, and A. Sherwin, Blackley, Manchester, assignors to Salford Electrical Instruments Limited, Salford, England. Snap action mechanism. 2,198,428; Apr. 23.
Turner, Hubert N., Nashville, Tenn. Intersection marker. 2,222,127; Nov. 19.
Turner, Hubert S., New York, N. Y. Boiler control. 2,192,990; Mar. 12.
Turner, Hubert S., New York, N. Y. Thermostat. 2,202,069; May 28.
Turner, Hubert S., Brooklyn, N. Y. Temperature control system. 2,195,802; Apr. 2.
Turner, Hubert S., Brooklyn, N. Y. Liquid level and pressure control. 2,198,711; Apr. 30.
Turner, Hubert S., Brooklyn, N. Y. Thermostat. 2,214,843; Sept. 17.
Turner, Hubert S., Brooklyn, N. Y. Control means. 2,220,743; Nov. 5.
Turner, Jacob G., Brookfield, Mo., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Rounding machine. 2,216,146; Oct. 1.
Turner, James F., and C. P. Breidenbaugh, assignors to Flynn & Emrich Company, Baltimore, Md. Hydraulic control for stoker motors. 2,209,429; July 30.
Turner, James O. (See Cantrell, T. L., and Turner.)
Turner, James P., Tatum, N. Mex. Agricultural implement. 2,226,676; Dec. 31.
Turner, John B., Norwich, N. Y. Flexible fireplace screen and supporting means therefor. 2,211,482; Aug. 13.
Turner, John E. (See Turner, Earl W.)
Turner, Joseph O., Winston-Salem, N. C., assignor to The Mengel Company, Louisville, Ky. Strap tensioning device for box nailing machines. 2,222,521; Nov. 19.
Turner, Luther B., Roselle Park, N. J., assignor to Standard Oil Development Company. Lubricating oil and manufacturing the same. 2,192,700; Mar. 5.
Turner, Ralph R. P., University Park, Md. Oil burner. 2,219,349; Oct. 29.
Turner, Reginald. (See Gregory, H. E., Turner, Henkel, and Thürlings.)
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread extractor for looms. 2,194,531; Mar. 26.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread extractor for looms. 2,199,296; Apr. 30.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread holder. 2,199,353; Apr. 30.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread control for weft replenishing looms. 2,199,354; Apr. 30.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Guard for pneumatic thread extractors. 2,204,455; June 11.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread remover. 2,204,456; June 11.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread cutter for looms. 2,207,080; July 9.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread extractor for weft replenishing looms. 2,207,081; July 9.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread extractor for looms. 2,219,793; Oct. 29.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread separator for looms. 2,219,794; Oct. 29.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Resetter for weft replenishing looms. 2,222,994; Nov. 26.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Resetting mechanism for weft replenishing loom. 2,222,995; Nov. 26.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Inclined thread eye for loom shuttles. 2,226,266; Dec. 24.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread positioner for weft replenishing looms. 2,226,267; Dec. 24.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Transfer mechanism for weft replenishing looms. 2,226,268; Dec. 24.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread control for looms. 2,226,269; Dec. 24.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread cutting mechanism for weft replenishing looms. 2,226,290; Dec. 24.
Turner, Robert W., et al. (See Kah, Elmer H., assignor.)
Turner, Roland, et al. (See Carter, Sylvester A., assignor.)
Turner, Russell V., Chicago, Ill. Transportable minnow pail device. 2,210,272; Aug. 6.
Turner, Simon W. H., New York, N. Y. Menu course selector. 2,188,744; Jan. 30.
Turner Tanning Machinery Company, The. (See Brill, August C., assignor.)
Turner Tanning Machinery Company, The. (See Schettler, Gustav A., assignor.)
Turner, Thomas W., Newport News, Va. Combination display and dispensing case. 2,185,935; Jan. 2.
Turner, Vines H. (See McCrary, W., and Turner.)
Turner, Wellmore B., et al., executors. (See Sherman, John Q.)
Turner, Wellmore B., et al., executors. (See Sherman, J. Q., and Metzner.)
Turner, William B., San Francisco, Calif. Angle cutting multiple band saw. 2,201,413; May 21.
Turner, William D., New York, N. Y. Protecting metal structures. 2,207,767; July 16.
Turner, William E., assignor to O. B. Andrews Company, Chattanooga, Tenn. Short wall carrier. 2,227,330; Dec. 31.
Turner, Willie F. (See Poe, John, assignor.)
Turney, Eugene T., Holmes, N. Y. Sound reproducer. 2,220,305; Nov. 5.
Turpin, Alexander J. (See Schumann, A. F., and Turpin.)
Turpin, Alexander J., Stewart Manor, assignor to Hauck Manufacturing Company, Brooklyn, N. Y. Valve. 2,197,954; Apr. 23.
Turpin, Leta A., Los Angeles, Calif. Body developing and correcting apparatus. 2,190,895; Feb. 20.
Turpin, William J., Santa Ana, Calif. Cleaning device. 2,191,243; Feb. 20.
Turquand, William G., Brooklyn, assignor to Underwood Elliott Fisher Company, New York, N. Y. Justification rule. 2,214,091; Sept. 10.
Turrall, William, Wimbledon, London, England. Skill game. 2,192,873; Mar. 5.
Turrell, Merton R. (See Crawford, E. B., and Turrell.)
Turrentine, John W., Washington, D. C. Calcium phosphate product. 2,211,918; Aug. 20.
Turrettini, Fernand, Bellevue-Geneva, assignor to the firm Societe Genevoise d'Instruments de Physique, Geneva, Switzerland. Screw spindle relieving device. 2,201,934; May 21.
Turrettini, Fernand, Bellevue-Geneva, assignor to the firm Societe Genevoise d'Instruments de Physique, Geneva, Switzerland. Centering aligning device. 2,201,935; May 21.
Turrettini, Fernand, Bellevue-Geneva, assignor to Societe Genevoise d'Instruments de Physique, Geneva, Switzerland. Grinding machine for internal threads. 2,218,775; Oct. 22.
Turrisi, Antonio, assignor to Maiden Form Brassiere Company, Inc., New York, N. Y. Making slack stitching. 2,219,460; Oct. 29.
Turshin, Frank, St. Louis, Mo. Storage container. 2,209,430; July 30.
Turunen, Thomas, Detroit, Mich. Double-breasted garment. 2,189,187; Feb. 6.
Tuscher, Jean E., Petit-Ivry, France. Fuel injection. 2,190,051; Feb. 13.
Tuthill Pump Company, The. (See Huber, Matthew W., assignor.)
Tuthill Pump Company. (See Kempton, Herbert E., assignor.)
Tuttle, Clifton M., and W. Bornemann, assignors to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for perforating motion picture films. 2,206,138; July 2.
Tuttle, Elmo J. (See Zuger, Frank, assignor.)
Tuttle, Waid W. (See Bresnahan, G. T., and Tuttle.)
Tuttle, William R., and C. W. Stickel, assignors to The Kurlash Company, Inc., Rochester, N. Y. Eyelash cosmetic applicator. 2,196,235; Apr. 9.
Tüxen, Otto. (See Johannesson, B., and Tüxen.)
Tüxen, Otto. (See Pitsch, H., and Tüxen.)
Tüxen, Otto, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Amplitude and frequency modulation receiver. 2,208,142; July 16.
Tuyn, Marinus C. (See Moser, F. R., and Tuyn.)
Tveidt, Lars, Pasadena, Calif. Adjustable steering post. 2,185,779; Jan. 2.
Twatt, James, Chelmsford, England, assignor to Radio Corporation of America. Modulation system. 2,207,498; July 9.
Tweddell, Oscar G., Detroit, assignor to Le Maire Tool and Manufacturing Company, Dearborn, Mich. Hydraulic control valve. 2,223,136; Nov. 26.
Tweddle, David, Los Angeles, Calif. Massage apparatus. 2,218,443; Oct. 15.
Tweedale, Ralph L. (See Harrington, F. T., and Tweedale.)
Tweedale, Ralph L., assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,223,838; Dec. 3.
Tweeddale, John E. (See Stanton, G. T., and Tweeddale.)
Tweedie, Charles. (See Tweedie, John, assignor.)
Tweedie, John, assignor of one-half to C. Tweedie, Jefferson City, Mo. Device for leveling shoe soles. 2,216,256; Oct. 1.
Twentieth Century-Fox Film Corporation. (See Bell, Albert, assignor.)
Twentieth Century-Fox Film Corporation. (See Lytle, Earl J., assignor.)
Twentieth Century-Fox Film Corporation. (See Miller, Charles M., assignor.)
Twentieth Century-Fox Film Corporation. (See Robertson, Benjamin C., assignor.)
Twentieth-Century-Fox Film Corporation. (See Witte, L. J., and Southland, assignors.)
Twigg, Frances D. (See Senecal, Ephrain A., assignor.)
Twin Disc Clutch Company. (See Batten, P. H., and Bastrup, assignors.)
Twin Disc Clutch Company. (See Batten, P. H., and Morris, assignors.)
Twining, Earl S., and B. H. Sibley, assignors to Champion Spark Plug Company, Toledo, Ohio. Shielded spark plug. 2,198,892; Apr. 30.
Twining, Earl S., and B. H. Sibley, assignors to Champion Spark Plug Company, Toledo, Ohio. Spark plug. 2,217,825; Oct. 15.
Twiss, Benjamin C., Huntington Park, assignor to L. M. Sylvestre, Santa Monica, Calif. Bit for reciprocating pneumatic rock drills. 2,216,361; Oct. 1.
Twiss, F. E., Co. (See Twiss, Frank E., assignor.)
Twiss, Frank E., Taunton, assignor to F. E. Twiss Co., Inc., Boston, Mass. Pump. 2,192,512; Mar. 5.
Twiss, Robert H., East Orange, N. J., assignor to General Electric Company. Electric system of distribution. 2,196,043; Apr. 2.
Twitchell, Earl W., Haddonfield, N. J. Cord for attaching plants and the like to supports. 2,193,703; Mar. 12.
Twitchell, Morton C., Spencerport, assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,210,224; Aug. 6.
Twombly, George F., Medford, Mass. Paper receptacle. 2,218,388; Oct. 15.
Twombly, Willard O., assignor to Jeffrey N. Collins, Jackson, Mich. Electric heating unit. 2,188,256; Jan. 23.
Twombly, William A., assignor to Frost Insecticide Company, Arlington, Mass. Nozzle. 2,196,169; Apr. 2.
Twomey, Nora M., New York, N. Y. Detachable mattress support. 2,198,982; Apr. 30.
Twomley, Herbert E., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Speed reducing mechanism. 2,201,357; May 21.
Tworoger, Theodore S., Gloversville, N. Y. Pocket. 2,211,550; Aug. 13.
Tworoger, Theodore S., Gloversville, N. Y. Pocket. 2,224,752; Dec. 10.
Twyman, L. Raymond. (See Harrington, F. T., Twyman, and Robinson, assignors.)
Tyden, Emil, Hastings, Mich. Differential operated check valve. 2,223,137; Nov. 26.
Tydon, Walter, Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Check valve. 2,208,690; July 23.
Tyer Rubber Company. (See Ross, Arthur H., assignor.)
Tykar Corporation. (See Le Porin, Frederic W., assignor.)
Tykociner, Joseph T., J. Kunz, and L. P. Garner, assignors to the Board of Trustees of the University of Illinois, Urbana, Ill. Phototube. 2,185,531; Jan. 2.
Tyler, Benjamin H., Portland, Oreg. Tobacco pipe. 2,187,288; Jan. 16.
Tyler, Clarence H., Evansville, Ind. Sinker. 2,187,991; Jan. 23.
Tyler, Edith D., and G. A. Knox, Watertown, N. Y. Grave digger and excavator. 2,197,989; Apr. 23.
Tyler, John D., Birmingham, Ala. Printing press. 2,224,886; Dec. 17.
Tyler, John M., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Engine mount locking means. 2,225,892; Dec. 24.

Tyler, John N., Woodbury Heights, N. J. Track structure. 2,188,894; Jan. 30.
Tyler, Paul J., et al. (See Lawler, F. P., and Tyler.)
Tyler, Ralph W. (See Bennett, Lewis J., assignor.)
Tyler, Ransom, Greenfield, assignor to The Oilgear Company, Milwaukee, Wis. Fluid pressure control. 2,211,483; Aug. 13.
Tyler, Tracy B., Chicago, Ill. Transmission operating means. 2,193,542; Mar. 12.
Tyler, Tracy B., Chicago, Ill., assignor to The Monopower Corporation, Detroit, Mich. Automatic transmission. 2,204,919; June 18.
Tyler, W. S., Company, The. (See Brown, H. E., and Grant, assignors.)
Tyler, Waldo E., and T. B. Douglas, Kansas City, Mo., and P. R. Chamberlain and R. A. Loveland, Dewey, Okla., assignors to Dewey Portland Cement Company, Kansas City, Mo. Cement. 2,194,777; Mar. 26.
Tyne Co. (See Tyne, John J., assignor.)
Tyne, John J., Oak Park, assignor to Tyne Co., Chicago, Ill. Reamer. 2,188,584; Jan. 30.
Typograph G. m. b. H. (See Bendorff, Kurt, assignor.)
Typograph G. m. b. H. (See Bendorff, K., Bieber, and Dahnert, assignors.)
Typograph G. m. b. H. (See Bieber, Otto, assignor.)
Tyrer, Daniel, Stockton,on-Tees, England. Manufacture of zirconium compounds. 2,201,508; May 21.
Tyrrell, Emmet R., Youngstown, Ohio, assignor to Fessler Machine Company, Sharon, Pa. Slitter. 2,222,051; Nov. 19.
Tyrrell, James, et al. (See Brubaker, William A., assignor.)
Tyrrell, William C., Muncie, Ind. Easel type reversible blackboard and desk structure. 2,196,044; Apr. 2.
Tyson, Charles W., Summit, N. J., assignor to Standard Oil Development Company. Cracking petroleum oil. 2,221,824; Nov. 19.
Tyson, Charles W., Summit, and C. E. Hemminger, Westfield, N. J., assignors to Standard Oil Development Company. Catalyst regeneration. 2,199,838; May 7.
Tyson, Howell N., Jr., Evanston, Ill. Easel support. 2,222,453; Nov. 19.
Tytus, Jean A. (See Stone, A. L., Tytus, and Appleton.)
Tytus, Jean A., Redondo Beach, and A. L. Stone, Palos Verdes Estates, assignors to Hydril Company, Los Angeles, Calif. Reamer for well pipe joint. 2,211,183; Aug. 13.
Tyzzer, Howard J., assignor to The Crosley Corporation, Cincinnati, Ohio. Radio set. 2,189,455; Feb. 6.
Tyzzer, Howard J., assignor to The Crosley Corporation, Cincinnati, Ohio. Automotive radio apparatus. 2,204,873; June 18.
Tyzzer, Howard J., assignor to The Crosley Corporation, Cincinnati, Ohio. Push button tuning device. 2,222,789; Nov. 26.
U. M. A. Inc. (See Kroll, Stanley A., assignor.)
USL Battery Corporation. (See Radle, Henry J., assignor.)
Uber, Harold R., Lakewood, assignor to The Cleveland Welding Company, Cleveland, Ohio. Cushioning device for bicycle forks and the like. 2,188,968; Feb. 6.
Uccusic, Karl, Fives, Lille, and C. A. Hearley, Marcq-en-Baroeul, France. Liquid fuel injection pump for internal combustion engines of the Diesel type. 2,195,946; Apr. 2.
Uckotter, George J., Cincinnati, Ohio. Hot air heater. 2,215,236; Sept. 17.
Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Self feed carburetor. 2,210,991; Aug. 13.
Uden, Jacob T., New York, N. Y. Photographic camera. 2,207,236; July 9.
Udstad, Sigvald F., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Railway car. 2,190,742; Feb. 20.
Udy, Marvin J., Niagara Falls, N. Y. Chromium reduction. 2,206,139; July 2.
Udy, Marvin J., Niagara Falls, N. Y. Producing alloys containing iron and chromium. 2,206,711; July 2.
Udy, Marvin J., Niagara Falls, N. Y. Chromium metallurgy. 2,227,287; Dec. 31.
Udylite Corporation, The. (See Brown, Henry, assignor.)
Udylite Corporation, The. (See Dubpernell, G., and Soderberg, assignors.)
Uecker, Reinhold A., I. G. Rambo, and D. E. Beatty, Wauwatosa, Wis. Scaffold ladder. 2,191,051; Feb. 20.
Uecker, Reinhold A., I. G. Rambo and D. E. Beatty, Wauwatosa, and F. H. Graser, Milwaukee, Wis. Hoist. 2,203,113; June 4.
Uecker, Reinhold A., I. G. Rambo, and D. E. Beatty, Wauwatosa, Wis. Scaffold jack. 2,203,114; June 4.
Uecker, Reinhold A., Wauwatosa, and E. H. Simpson, West Allis, assignors to The Safway Steel Scaffolds Co. of Wisconsin, Wauwatosa, Wis. Scaffold. 2,195,906; Apr. 2.
Uehling, Fritz F., Passaic, N. J. Automatic speed regulator. 2,187,369; Jan. 16.
Uehling, Fritz F. Passaic, N. J. Automatic temperature regulator. 2,212,760; Aug. 27.
Uehling, Fritz F., Passaic, N. J. Pressure measuring means. 2,224,709; Dec. 10.
Ufen, Julius, et al. (See Ufen, Otto, assignor.)
Ufen, Otto, assignor of one-third to J. Ufen and one-third to W. W. Bohning, Miller, S. Dak. Power driven hay gatherer and stacker. 2,210,156; Aug. 6.
Ufer, Hanns. (See Reppe, W., and Ufer.)
Uhde, Friedrich. (See Pfirrmann, Theodor W., assignor.)
Uhing, Joachim, assignor to Electroacustic Gesellschaft mit beschränkter Haftung, Kiel, Germany. Electrical compensator. 2,222,006; Nov. 19.
Uhl, Peter W., Detroit, Mich., assignor to The Ecclestone Chemical Co., Inc. Coining of sodium dichromate. 2,223,771; Dec. 3.
Uhlemann Optical Co. of Illinois. (See Uhlemann, William R., assignor.)
Uhlemann, William R., Evanston, Ill. Lens mounting tool. 2,199,581; May 7.
Uhlemann, William R., Evanston, assignor to Uhlemann Optical Co. of Illinois, Chicago, Ill. Lens mounting. 2,188,380; Jan. 30.
Uhler, Walter S. (See McManis, E. A., and Uhler.)
Uhles, Lester W. (See Engle, H. J., Gaedig, Henneberry, and Uhles.)
Uhlhorn, Walter J., Oak Park, Ill. Switch. 2,214,092; Sept. 10.
Uhli, Herman H., et al. (See Blocker, Preston B., assignor.)
Uhlir, William G., Westchester, assignor to Edison General Electric Appliance Company, ZK Inc., Chicago, Ill. Trailer truck. 2,186,848; Jan. 9.
Uhlmann, Hubert J., Grand Rapids, Mich. Clip. 2,186,811; Jan. 9.
Uhlmann, Hubert J., Grand Rapids, Mich. Clip. 2,215,139; Sept. 17.
Uhlrich, Heinrich. (See Schoeller, C., Ulrich, and Ploetz.)
Uhlrich, Heinrich, and J. Nuesslein, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Condensation products of ethers of alkylol amines. 2,187,823; Jan. 23.
Uhlrig, Harry W., Stratford, Conn., assignor to General Electric Company. Ventilating louver for cooking utensils. 2,187,762; Jan. 23.
Uhlrig, Harry W., Stratford, Conn., assignor to General Electric Company. Heat control device. 2,195,947; Apr. 2.
Uhr, August, Cibolo, Tex. Miniature bowling alley table. 2,207,645; July 9.
Uhri, William C., Jr., and W. P. Gruner, St. Louis, Mo. Exhaust gas burner. 2,203,554; June 4.
Uhrin, John, Philadelphia, Pa. Apparatus for determining alignment of locomotive smokestack and exhaust pipe. 2,205,803; June 25.
Ulano, Joseph, Brooklyn, N. Y. Camera dissolve. 2,217,718; Oct. 15.
Ulbricht, Günther. (See Bartels, H., and Ulbricht.)
Ulbricht, Günther, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Guide ray or beacon course method. 2,201,565; May 21.
Ulbricht, Günther, Blankenfelde Mahlow, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Direction finder. 2,208,349; July 16.
Ulbricht, Günther, Blankenfelde, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Impulse direction finder. 2,220,183; Nov. 5.
Ulbricht, Gunther, and R. Weber, assignors, by mesne assignments, to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Impulse-receiving system for direction finders. 2,197,353; Apr. 16.
Uline, Migiel J., Washington, D. C. Installment collecting device. 2,218,159; Oct. 15.
Ulinski, Bronislaus, Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Industrial truck. 2,207,688; July 9.
Ullgren, Johan D., Stocksund, Sweden. Pressing apparatus. 2,187,763; Jan. 23.
Ullman, Henry K., Washington, D. C. Dispensing device. 2,212,627; Aug. 27.
Ullmann, Harry M., et al. (See Pisarev, David C., assignor.)
Ullmann, Henry J., Santa Barbara, Calif. Deodorizing oils. 2,203,373; June 4.
Ullrich, John C. (See Humrichouse, Walter E., assignor.)
Ullstrand, Hugo M., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Liquid fuel burner. 2,186,128; Jan. 9.
Ullstrand, Hugo M., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,191,550; Feb. 27.
Ullstrand, Hugo M., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,191,551; Feb. 27.
Ullstrand, Hugo M., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,192,338; Mar. 5.
Ullstrand, Hugo M., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,202,360; May 28.
Ullstrand, Hugo M., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,210,609; Aug. 6.
Ullstrand, Hugo M., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,212,281; Aug. 20.

Ullstrand, Hugo M., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,215,674; Sept. 24.
Ullstrand, Hugo M., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,223,752; Dec. 3.
Ulman, James, Jr., Chicago, Ill. Cast cutting guide. 2,206,339; July 2.
Ulmer, William L. (See Medsker, Charles A., assignor.)
Ulrey, Dayton, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Photosensitive apparatus. 2,193,606; Mar. 12.
Ulrich, Carl J., Minneapolis, Minn. Sonometer. 2,199,120; Apr. 30.
Ulrich, Charles B., Jamestown, N. Y. Plan file. 2,188,669; Jan. 30.
Ulrich, Charles B., Jamestown, N. Y. Guide for vertical files. 2,197,354; Apr. 16.
Ulrich, Charles B., Jamestown, N. Y. Planfile cupboard. 2,197,355; Apr. 16.
Ulrich, Charles J., Royal Oak, Mich. Concrete building wall construction. 2,189,872; Feb. 13.
Ulrich, Charlie E., assignor to Kelly Pipe Company, Los Angeles, Calif. Pipe coupling, seal, and the like. 2,218,835; Oct. 22.
Ulrich, Emery G., Lakewood, Oho. Truck and trailer coupling. 2,195,636; Apr. 2.
Ulrich, Frederick, assignor to Conmar Products Corporation, Bayonne, N. J. Separable end stop for slide fasteners. 2,216,794; Oct. 8.
Ulrich, Frederick, assignor to Conmar Products Corporation, Bayonne, N. J. Manufacture of slide fastener elements. 2,221,740; Nov. 12.
Ulrich, George A., Jr., New York, N. Y. Locking means for fabric fastening devices. 2,194,919; Mar. 26.
Ulrich, Guy, Buhl, Idaho. Wheel band. 2,193,149; Mar. 12.
Ulrich, Heinrich, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of alkylene imines. 2,206,273; July 2.
Ulrich, Heinrich, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Nitrogenous condensation product and producing same. 2,222,208; Nov. 19.
Ulrich, Heinrich, and K. Kuespert, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Nitrogenous condensation products and producing the same. 2,185,480; Jan. 2.
Ulrich, Heinrich, and P. Koerding, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Improving textile materials. 2,186,889; Jan. 9.
Ulrich, Heinrich, K. Kuespert, and J. Sattler, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Treatment of fibrous materials. 2,195,194; Mar. 26.
Ulrich, Heinrich, and E. Ploetz, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of amino carboxylic acid nitriles. 2,205.995; June 25.
Ulrich, Heinrich, Ludwigshafen-on-the-Rhine, and J. Neusslein, Frankfort-on-the-Main, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of condensation products. 2,206,928; July 9.
Ulrich, Horace W., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Through supervision system. 2,210,739; Aug. 6.
Ulrich, Raymond M., Shelbyville, assignor to A. W. Graf, Strasburg, Ill. Piston expander. 2,209,432; July 30.
Ulrich, Raymond M., Shelbyville, assignor to A. W. Graf, Strasburg, Ill. Piston drill guide block. 2,209,433; July 30.
Umansky, Leonid A., Schenectady, N. Y., assignor to General Electric Company. Motor control system. 2,224,619; Dec. 10.
Umbreit, Stanton, West Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Making glass to metal seals. 2,189,970; Feb. 13.
Umbreit, Stanton, West Orange, N. J., assignor to Radio Corporation of America. Cathode manufacture. 2,209,708; July 30.
Umhauer, Herbert J., Augusta, Maine, assignor to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,209,434; July 30.
Una Welding, Inc. (See Schreeck, Karl W., assignor.)
Unckel, Hermann, Finspong, Sweden. Annealing metal. 2,199,326; Apr. 30.
Underhill, George H., Poughkeepsie, N. Y., assignor to General Electric Company. Multiple photocell telemetering. 2,192,761; Mar. 5.
Underhill, Joseph A., New York, N. Y. Dust mop. 2,185,873; Jan. 2.
Underhill, Joseph A., New York, N. Y. Silent door stop. 2,189.048; Feb. 6.
Underhill, Joseph L., London, England, assignor to Radio Corporation of America. Film phonograph. 2,193,082; Mar. 12.
Underkofler, Lee A., Ames, Iowa, and W. K. McPherson, Atchison, Kans., assignors to The Chemical Foundation, Incorporated. Production of ethyl alcohol. 2,219,668; Oct. 29.
Underpinning & Foundation Company. (See Breuchaud, Jules R., assignor.)
Underpinning & Foundation Co. (See Lewers, George R., assignor.)
Undertakers Supply Company. (See Hurlbut, Cecil M., assignor.)
Underwood, A. K. (See Devlin, Henry W., assignor.)
Underwood, Albert T., assignor to Hartford-Empire Company, Hartford, Conn. Cooling glass tank walls. 2,199,355; Apr. 30.
Underwood, Albert W., Newport, Ky. Piling or stacking device. 2,224,279; Dec. 10.
Underwood Electric & Mfg. Co. (See Johnson, L. C., and Jorgensen, assignors.)
Underwood Elliott Fisher Company. (See Anderson, Walter A., assignor.)
Underwood, Eliott Fisher Company. (See Bezanson, Claude E., assignor.)
Underwood Elliott Fisher Company. (See Davis, Frank K., assignor.)
Underwood Elliott Fisher Company. (See Dobson, William A., assignor.)
Underwood Elliott Fisher Company. (See Helmond, William F., assignor.)
Union Oil Company of California. (See Hopper, Basil, assignor.)
Underwood Elliott Fisher Company. (See Kurowski, Alfred G. F., assignor.)
Underwood Elliott Fisher Company. (See Neidich, Samuel A., assignor.)
Underwood Elliott Fisher Company. (See Pitman, Henry L., assignor.)
Underwood Elliott Fisher Company. (See Sagner, Walter T., assignor.)
Underwood Elliott Fisher Company. (See Smith, Jesse A. B., assignor.)
Underwood Elliott Fisher Company. (See Sundstrand, Oscar J., assignor.)
Underwood Elliott Fisher Company. (See Swanson, Oscar W., assignor.)
Underwood Elliott Fisher Company. (See Taylor, Robert R., assignor.)
Underwood Elliott Fisher Company. (See Thompson, Russell G., assignor.)
Underwood Elliott Fisher Company. (See Toggenburger, John, assignor.)
Underwood Elliott Fisher Company. (See Turquand, William G., assignor.)
Underwood Elliott Fisher Company. (See Wise, Elmer L., assignor.)
Underwood, Elvin M., assignor to The Patterson Foundry & Machine Co., East Liverpool, Ohio. Revolving cone mixer. 2,190,896; Feb. 20.
Underwood, Elvin M., assignor to The Patterson Foundry & Machine Co., East Liverpool, Ohio. Revolving mixer. 2,190,897; Feb. 20.
Underwood, William F., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic pellicle. 2,199,927; May 7.
U-Need-A-Merchandiser, Inc. (See Mergens, George P., assignor.)
U-Need-A-Merchandiser, Inc. (See Steiner, Louis, assignor.)
Unertl, John, Pittsburgh, Pa. Telescope reticule adjustment. 2,189,766; Feb. 13.
Unertl, John, Pittsburgh, Pa. Mounting for telescope gun sight. 2,208,913; July 23.
Ungar, Gustave A., Pelham Manor, N. Y. V belt. 2,189,049; Feb. 6.
Ungar, Gustave A., Pelham Manor, assignor to S & S Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Cutting apparatus. 2,208,350; July 16.
Ungar, Paul O., Elmhurst, assignor to Wilson-Jones Company, Chicago, Ill. Line indicating device. 2,208,203; July 16.
Unger, Abraham, assignor to Concord Chenille Co., Inc., New York, N. Y. Making imitation astrakhan. 2,220,589; Nov. 5.
Unger, Chester E., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Abrasive projecting machine. 2,204,637; June 18.
Unger, Chester E., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Electric abrasive projector. 2,224,505; Dec. 10.
Unger, Magnus, Pittsfield, Mass., assignor to General Electric Company. Corrugating a heat-radiating tube. 2,205,893; June 25.
Unger, Paul O., Elmhurst, and F. D. Wedge, Lombard, assignors to Wilson-Jones Company, Chicago, Ill. Reference stand. 2,198,356; Apr. 23.
Unger, Paul O., Elmhurst, and F. D. Wedge, Lombard, assignors to Wilson-Jones Company, Chicago, Ill. Loose-leaf binder. 2,200,460; May 14.
Unger, Paul O., Elmhurst, and C. H. Law and J. H. Talmage, assignors to Wilson-Jones Company, Chicago, Ill. Line indicating device. 2,208,233; July 16.
Ungerer, Fritz, Pforzheim, Germany. Straightening machine. 2,185,481; Jan. 2.
Ungerer, Fritz, Pforzheim-Brotzingen, Germany. Straightening machine. 2,213,507; Sept. 3.
"Unichem" Chemikalien Handels A. G. (See Hueter, R., Neu, and Engelbrecht, assignors.)

Uniflow Manufacturing Company. (See Kuebler, C. A., and Bolton, assignors.)
Union Asbestos & Rubber Company. (See Astley, William F., assignor.)
Union Asbestos & Rubber Company. (See Moorman, Charles L., assignor.)
Union Asbestos & Rubber Company. (See O'Connor, Arthur F., assignor.)
Union Bag & Paper Corporation. (See Avery, True M., assignor.)
Union Carbide and Carbon Corporation. (See Cox, Henry L., assignor.)
Union Carbide and Carbon Corporation. (See Ellingwood, F. F., and Mraz, assignors.)
Union Carbide and Carbon Corporation. (See Farrar, Mercer G., assignor.)
Union Carbide and Carbon Corporation. (See Geib, E. R., Orne, and Joy, assignors.)
Union Carbide and Carbon Corporation. (See George, Harry S., assignor.)
Union Carbide and Carbon Corporation. (See Groff, Frazier, assignor.)
Union Carbide and Carbon Corporation. (See Hanson, Norman D., assignor.)
Union Carbide and Carbon Corporation. (See Hasse, Frank C., assignor.)
Union Carbide and Carbon Corporation. (See Jones, H. W., and Doyle, assignors.)
Union Carbide and Carbon Corporation. (See Kehl, Robert J., assignor.)
Union Carbide and Carbon Corporation. (See Mesinger, William F., assignor.)
Union Carbide and Carbon Corporation. (See Mooney, Frank F., assignor.)
Union Carbide and Carbon Corporation. (See Moss, H. H., and Dawson, assignors.)
Union Carbide and Carbon Corporation. (See Ness, Charles, assignor.)
Union Carbide and Carbon Corporation. (See Perkins, Granville A., assignor.)
Union Carbide and Carbon Corporation. (See Robertson, Harold F., assignor.)
Union Carbide and Carbon Corporation. (See Rockefeller, Harry E., assignor.)
Union Carbide and Carbon Corporation. (See Seebach, Fritz, assignor.)
Union Carbide and Carbon Corporation. (See Serner, Herbert E., assignor.)
Union Carbide and Carbon Corporation. (See Smith, Ralph R., assignor.)
Union Carbide and Carbon Corporation. (See Wagner, Robert L., assignor.)
Union Carbide and Carbon Research Laboratories, Inc. (See Corson, Michael G., assignor.)
Union Carbide and Carbon Research Laboratories, Inc. (See Jackson, D. R., and Vaughn, assignors.)
Union Carbide and Carbon Research Laboratories, Inc. (See Vaughn, Thomas H., assignor.)
Union Carbide and Carbon Research Laboratories, Inc. (See Vaughn, T. H., and Lytle, assignors.)
Union Carbide and Carbon Research Laboratories, Inc. (See Vaughn, T. H., Lytle, and Gaines, assignors.)
Union Gesellschaft für Metallindustrie, Sils, van de Loo & Co. (See Anderschitz, Andreas, assignor.)
Union Hardware Company. (See Bryant, Thomas W., assignor.)
Union Manufacturing Company, The. (See Lisbon, Robert R., assignor.)
Union Manufacturing Company. (See Nelles, Russell E., assignor.)
Union Metal Manufacturing Company, The. (See Rastetter, Harry O., assignor.)
Union Metal Manufacturing Company, The. (See Rastetter, H. O., and Rausch, assignors.)
Union Oil Company of California. (See Axe, W. N., and Henson, assignors.)
Union Oil Company of California. (See Bailey, J. R., and Meadows, assignors.)
Union Oil Company of California. (See Barnes, Charles D., assignor.)
Union Oil Company of California. (See Beckwith, L. B., Grebe, and Scott, assignors.)
Union Oil Company of California. (See Blount, Arthur L., assignor.)
Union Oil Company of California. (See Bradley, William E., assignor.)
Union Oil Company of California. (See Bray, Ulric B., assignor.)
Union Oil Company of California. (See Bray, U. B., and Campbell, assignors.)
Union Oil Company of California. (See Bray, U. B., and Swift, assignors.)
Union Oil Company of California. (See Byrns, Alva C., assignor.)
Union Oil Company of California. (See Campbell, Joseph A., Jr., assignor.)
Union Oil Company of California. (See Clarke, P. S., and Bradley, assignors.)
Union Oil Company of California. (See Ewing, Frederick J., assignor.)
Union Oil Company of California. (See Flaxman, Marcellus T., assignor.)
Union Oil Company of California. (See Fryar, Paul J., assignor.)
Union Oil Company of California. (See Gard, E. W., and Aldridge, assignors.)
Union Oil Company of California. (See Hill, Frank F., assignor.)
Union Oil Company of California. (See Hopper, Basil, assignor.)
Union Oil Company of California. (See Jenkins, Vance N., assignor.)
Union Oil Company of California. (See Jones, P. H., and Blount, assignors.)
Union Oil Company of California. (See Ledbetter, Jerry T., assignor.)
Union Oil Company of California. (See Merrill, David R., assignor.)
Union Oil Company of California. (See Moore, C. C., Jr., and Shepherd, assignors.)
Union Oil Company of California. (See Pollock, Ralph C., assignor.)
Union Oil Company of California. (See Ragatz, Edward G., assignor.)
Union Oil Company of California. (See Ragatz, E. G., and McFaddin, assignors.)
Union Oil Company of California. (See Reynolds, J. M., Newton, and Ledbetter, assignors.)
Union Oil Company of California. (See Subkow, Philip, assignor.)
Union Oil Company of California. (See Subkow, P., and Dillon, assignors.)
Union Pacific Railroad Company. (See Fahland, Frank, assignor.)
Union Railway Equipment Co. (See Zane, Edward W., assignor.)
Union Special Machine Company. (See Christensen, Norman V., assignor.)
Union Special Machine Company. (See Christensen, N. V., and Sauer, assignors.)
Union Special Machine Company. (See Hacklander, H., and Le Vesconte, assignors.)
Union Special Machine Company. (See Hacklander, H., and Sauer, assignors.)
Union Special Machine Company. (See Kucera, Frank A., assignor.)
Union Special Machine Company. (See Le Vesconte, Harold J., assignor.)
Union Special Machine Company. (See Peterson, Albert C., assignor.)
Union Special Machine Company. (See Rubel, Charles F., assignor.)
Union Special Machine Company. (See Sauer, George, assignor.)
Union Special Machine Company. (See Smith, C. C., and Sauer, assignors.)
Union Special Maschinenfabrik, G. m. b. H. (See Lutz, Frederick, assignor.)
Union Starch and Refining Company. (See Fetzer, Walter R., assignor.)
Union Starch and Refining Company. (See King, P. R., and Baker, assignors.)
Union Steel Chest Corporation. (See Pratt, S. F., and Yawman, assignors.)
Union Steel Products Company. (See Bitney, Dewey H., assignor.)
Union Steel Products Company. (See Darling, Wendell S., assignor.)
Union Switch & Signal Company, The. (See Agnew, Norman F., assignor.)
Union Switch & Signal Company, The. (See Allen, Earl M., assignor.)
Union Switch & Signal Company. (See Ashworth, Harry E., assignor.)
Union Switch & Signal Company, The. (See Baughman, George W., assignor.)
Union Switch & Signal Company, The. (See Bell, Charles W., assignor.)
Union Switch & Signal Company, The. (See Blosser, Herman G., assignor.)
Union Switch & Signal Company. (See Bone, Herbert L., assignor.)
Union Switch & Signal Company, The. (See Bone, H. L., and Livingston, assignors.)
Union Switch & Signal Company, The. (See Broadbent, John H., assignor.)
Union Switch & Signal Company, The. (See Caille, Georges L., assignor.)
Union Switch & Signal Company, The. (See Crago, Paul H., assignor.)
Union Switch & Signal Company, The. (See Culbertson, George A., assignor.)
Union Switch & Signal Company, The. (See Dalzell, Clarence W., assignor.)
Union Switch & Signal Company, The. (See Devol, L., and Hartley, assignors.)
Union Switch & Signal Company, The. (See Dodd, Arthur E., assignor.)
Union Switch & Signal Company, The. (See Dormoy, J. M. J., and Doucot, assignors.)
Union Switch & Signal Company, The. (See Dowling, Philip H., assignor.)
Union Switch & Signal Company, The. (See Dowling, P. H., and McCluer, assignors.)
Union Switch & Signal Company, The. (See Gilson, Robert M., assignor.)
Union Switch & Signal Company, The. (See Gilson, R. M., and Baughman, assignors.)

Union Switch & Signal Company, The. (See Girardin, Louis, assignor.)
Union Switch & Signal Company, The. (See Hines, Claude M., assignor.)
Union Switch & Signal Company, The. (See Hines, C. M., and O'Hagan, assignors.)
Union Switch & Signal Company, The. (See Jefferson, Glen V., assignor.)
Union Switch & Signal Company, The. (See Jensen, Otto M., assignor.)
Union Switch & Signal Company, The. (See Kemmerer, Ralph R., assignor.)
Union Switch & Signal Company, The. (See Kemmerer, R. R., and Dixon, assignors.)
Union Switch & Signal Company, The. (See Kemmerer, R. R., and Failor, assignors.)
Union Switch & Signal Company, The. (See Lay, Charles H., assignor.)
Union Switch & Signal Company, The. (See Lazich, Branko, assignor.)
Union Switch & Signal Company, The. (See Lazich, B., and Ashworth, assignors.)
Union Switch and Signal Company, The. (See Lewis, Lloyd V., assignor.)
Union Switch & Signal Company, The. (See Little, Edwin G., assignor.)
Union Switch & Signal Company, The. (See Logan, John W., Jr., assignor.)
Union Switch & Signal Company, The. (See Ludwig, Harold L., assignor.)
Union Switch & Signal Company, The. (See MacGregor, Roderick M., assignor.)
Union Switch & Signal Company, The. (See Martin, Paul N., assignor.)
Union Switch & Signal Company, The. (See McCann, Ronald A., assignor.)
Union Switch & Signal Company, The. (See McWhirter, William C., assignor.)
Union Switch & Signal Company, The. (See McWhirter, W. C., and Little, assignors.)
Union Switch & Signal Company, The. (See Mills, Robert, assignor.)
Union Switch & Signal Company, The. (See Mishelevich, Benjamin, assignor.)
Union Switch & Signal Company, The. (See Mordin, Ralph, assignor.)
Union Switch & Signal Company, The. (See Nicholson, Frank H., assignor.)
Union Switch & Signal Company, The. (See Nicholson, F. H., and Allison, assignors.)
Union Switch & Signal Company, The. (See O'Hagan, Bernard E., assignor.)
Union Switch & Signal Company, The. (See Pelikan, John M., assignor.)
Union Switch & Signal Company, The. (See Pfiasterer, George R., assignor.)
Union Switch & Signal Company, The. (See Place, Willard P., assignor.)
Union Switch & Signal Company, The. (See Place, W. P., and Sorensen, assignors.)
Union Switch & Signal Company, The. (See Shields, C. B., and Blosser, assignors.)
Union Switch & Signal Company, The. (See Simmen, Paul J., assignor.)
Union Switch & Signal Company, The. (See Smith, William E., assignor.)
Union Switch & Signal Company. (See Snavely, Clarence S., assignor.)
Union Switch & Signal Company, The. (See Snyder, Mills R., assignor.)
Union Switch & Signal Company, The. (See Sorensen, Andrew J., assignor.)
Union Switch & Signal Company, The. (See Sosinski, Paul P., assignor.)
Union Switch & Signal Company, The. (See Spray, Lester E., assignor.)
Union Switch & Signal Company, The. (See Staples, Crawford E., assignor.)
Union Switch & Signal Company, The. (See Stevens, S. A., and Walker, assignors.)
Union Switch & Signal Company, The. (See Taylor, Herbert L., assignor.)
Union Switch & Signal Company, The. (See Thompson, Howard A., assignor.)
Union Switch & Signal Company, The. (See Thompson, H. A., and Baughman, assignors.)
Union Switch & Signal Company, The. (See Vantassel, Harry C., assignor.)
Union Switch & Signal Company, The. (See Venning, C. F. D., and Challis, assignors.)
Union Switch & Signal Company, The. (See Walker, A. H. B., and Sheppard, assignors.)
Union Switch & Signal Company, The. (See Wallace, Herbert A., assignor.)
Union Switch & Signal Company, The. (See Wells, Wesley B., assignor.)
Union Switch & Signal Company, The. (See Wells, W. B., and Lockhart, assignors.)
Union Switch & Signal Company, The. (See Williams, A. L., and Thompson, assignors.)
Union Switch & Signal Company, The. (See Williams, A. L., Thompson, and Cubitt, assignors.)
Union Switch & Signal Company, The. (See Witmer, Harold G., assignor.)
Union Switch & Signal Company, The. (See Young, Henry S., assignor.)
Union Switch & Signal Company. (See Young, H. S., and McCann, assignors.)
Union Twist Drill Company. (See Kiehne, Alfred J., assignor.)
Union Underwear Company. (See Goldfarb, Jacob A., assignor.)
Unipress Company, The. (See Raynolds, John F., assignor.)
Unique Fountain Pen Corporation. (See Buschi, Feliciano, assignor.)
Unit Rig & Equipment Company. (See Guier, William, assignor.)
Unit Venetian Blind Supply Co. (See Nisenson, Jules, assignor.
Unitcast Corporation. (See Christiansen, James P., assignor.)
Unitcast Corporation. (See Hannaford, Cleon M., assignor.)
Unitcast Corporation. (See Tillman, Lambert J., assignor.)
United Acoustigraph Corporation. (See Bender, Max, assignor.)
United Aircraft Corporation. (See Albright, Frank C., assignor.)
United Aircraft Corporation. (See Beardsley, G. E., Jr., and Hasbrouck, assignors.)
United Aircraft Corporation. (See Beisel, R. B., and Baker, assignors.)
United Aircraft Corporation. (See Buck, Richard S., assignor.)
United Aircraft Corporation. (See Buck, R. S., and Gunberg, assignors.)
United Aircraft Corporation. (See Caldwell, Frank W., assignor.)
United Aircraft Corporation. (See Furay, Carl N., assignor.)
United Aircraft Corporation. (See Hasbrouck, John S., assignor.)
United Aircraft Corporation. (See Henrichsen, K., and Leisy, assignors.)
United Aircraft Corporation. (See Hersey, Donald S., assignor.)
United Aircraft Corporation. (See Koppen, Otto C., assignor.)
United Aircraft Corporation. (See Leaman, Kenneth F., assignor.)
United Aircraft Corporation. (See Martin, Erle, assignor.)
United Aircraft Corporation. (See Mead, G. J., and Willgoos, assignors.)
United Aircraft Corporation. (See Nissen, Harry C., assignor.)
United Aircraft Corporation. (See Parkins, W. A., and Beardsley, assignors.)
United Aircraft Corporation. (See Ryder, Earle A., assignor.)
United Aircraft Corporation. (See Schmidt, Grayson.)
United Aircraft Corporation. (See Sikorsky, Igor I., assignor.)
United Aircraft Corporation. (See Sterhardt, James A., assignor.)
United Aircraft Corporation. (See Tyler, John M., assignor.)
United Aircraft Corporation. (See Willgoos, Andrew V. D., assignor.)
United Aircraft Corporation. (See Williams, George L., assignor.)
United Aircraft Products, Inc. (See Hiester, H. M., and Barcus, assignors.)
United Air Lines Transport Corporation. (See Brunner, Reed R., assignor.)
United American Metals Corporation. (See Jung, Albert H., assignor.)
United American Metals Corporation. (See Jung, A. H., and Hubelmeyer, assignors.)
United Autographic Register Co. (See Cooke, Allen B., assignor.)
United Autographic Register Co. (See Lowe, Charles N., assignor.)
United Autographic Register Co. (See Schaefer, John E., assignor.)
United Carbon Company. (See Grote, Hans. W., assignor.)
United Carbon Company. (See Skoog, R. W., and Bradford, assignors.)
United Carbon Company. (See Teegerstrom, Harold L., assignor.)
United-Carr Fastener Corporation. (See Appel, Harry C., assignor.)
United-Carr Fastener Corporation. (See Buckley, Clyde D., assignor.)
United-Carr Fastener Corporation. (See Churchill, Wilmer H., assignor.)
United-Carr Fastener Corporation. (See Johnson, Russell W., assignor.)
United-Carr Fastener Corporation. (See Jones, Walter I., assignor.)
United-Carr Fastener Corporation. (See Kral, Joseph, assignor.)
United-Carr Fastener Corporation. (See MacFadden, Wilford C., assignor.)
United-Carr Fastener Corporation. (See Murphy, Howard J., assignor.)

United-Carr Fastener Corporation. (See Pihl, Sophus E., assignor.)
United-Carr Fastener Corporation. (See Stearns, Jason C., assignor.)
United-Carr Fastener Corporation. (See Upham, Preston, assignor.)
United-Carr Fastener Corporation. (See Woodward, Clement A., assignor.)
United Chromium, Incorporated. (See Etchison, Carol L., assignor.)
United Conveyor Corporation. (See Williams, Ray W., assignor.)
United Dairy System, Inc. (See Smith, Albert W., assignor.)
United Drug Company. (See Merrill, Edward C., assignor.)
United Elastic Corporation. (See Van Voorhis, George S., assignor.)
United Elastics Limited. (See Vorck, Theodor, assignor.)
United Engineering & Foundry Company. (See Biggert, Florence C., Jr., assignor.)
United Engineering & Foundry Company. (See O'Brien, Jeremiah W., assignor.)
United Engineering & Foundry Company. (See Richardson, Charles A., assignor.)
United Engineering & Foundry Company. (See Smitmans, John A., assignor.)
United Engineering & Foundry Company. (See Stone, Morris D., assignor.)
United Engineering and Foundry Company. (See Talbot, Howard H., assignor.)
United Fruit Company. (See Rippey, George S., assignor.)
United Fruit Company. (See Rippey, G. S., and Rowe, assignors.)
United Gas Improvement Company, The. (See Chaney, Newcomb K., assignor.)
United Gas Improvement Company, The. (See Ward, Alger L., assignor.)
United Glass Bottle Manufacturers Limited. (See Dorman, Edgar P., assignor.)
United Iron Works Company. (See Holzer, Hiram A., assignor.)
United Laundry Machinery Corporation. (See Reinitz, George J., assignor.)
United Lens Corporation. (See Arbuckle, S. F., and Coulter, assignors.)
United Lens Corporation. (See Arbuckle, S. F., Coulter, and Godley, assignors.)
United Merchants & Manufacturers, Inc. (See Bulford, Murray N., assignor.)
United Metal Box Co. (See Hammer, Samuel, assignor.)
United Metal Hose Company. (See Joseph, Moses H., assignor.)
United Screw and Bolt Corporation. (See Fieg, Joseph F., assignor.)
United Shoe Machinery Corporation. (See Ashton, Ernest, assignor.)
United Shoe Machinery Corporation. (See Ashworth, Fred, assignor.)
United Shoe Machinery Corporation. (See Bagshaw, C. M., Wilson, and Hallam, assignors.)
United Shoe Machinery Corporation. (See Barbati, Joseph, assignor.)
United Shoe Machinery Corporation. (See Barber, James M., assignor.)
United Shoe Machinery Corporation. (See Barclay, W. R., and Boothroyd, assignors.)
United Shoe Machinery Corporation. (See Baroni, Sante, and P., assignors.)
United Shoe Machinery Corporation. (See Bartholomew, E. L., and Paine, assignors.)
United Shoe Machinery Corporation. (See Barton, Frank, assignor.)
United Shoe Machinery Corporation. (See Barton, William, assignor.)
United Shoe Machinery Corporation. (See Bates, Arthur, assignor.)
United Shoe Machinery Company. (See Baxter, William L., assignor.)
United Shoe Machinery Corporation. (See Bazzoni, Lewis J., assignor.)
United Shoe Machinery Corporation. (See Bertrand, Frederic E., assignor.)
United Shoe Machinery Corporation. (See Bostrom, Charles G., assignor.)
United Shoe Machinery Corporation. (See Brandt, Francis L., assignor.)
United Shoe Machinery Corporation. (See Brauner, Pincus, assignor.)
United Shoe Machinery Corporation. (See Bray, William N., assignor.)
United Shoe Machinery Corporation. (See Brostrom, Charles G., assignor.)
United Shoe Machinery Corporation. (See Burby, Philip E., assignor.)
United Shoe Machinery Corporation. (See Campbell, Rouel R., assignor.)
United Shoe Machinery Corporation. (See Clarke, George, assignor.)
United Shoe Machinery Corporation. (See Clarke, Thomas B., assignor.)
United Shoe Machinery Corporation. (See Clarke, T. B., and Boothroyd, assignors.)
United Shoe Machinery Corporation. (See Coombs, Frank F., assignor.)
United Shoe Machinery Corporation. (See Cummings, Roy W., assignor.)
United Shoe Machinery Corporation. (See Cuozzo, Michele, assignor.)
United Shoe Machinery Corporation. (See Dallas, William S., assignor.)
United Shoe Machinery Corporation. (See Davis, Hiotte A., assignor.)
United Shoe Machinery Corporation. (See De Minico, Charles, assignor.)
United Shoe Machinery Corporation. (See Deschenes, Emile A., assignor.)
United Shoe Machinery Corporation. (See Deshon, G. W., and Amann, assignors.)
United Shoe Machinery Corporation. (See Disch, John E., assignor.)
United Shoe Machinery Corporation. (See Dixon, Paul H., assignor.)
United Shoe Machinery Corporation. (See Dow, H. E., and Andrews, assignors.)
United Shoe Machinery Corporation. (See Doyle, Thomas J., assignor.)
United Shoe Machinery Corporation. (See Duckoff, Maxwell E., assignor.)
United Shoe Machinery Corporation. (See Duplessis, René E., assignor.)
United Shoe Machinery Corporation. (See Eastman, Fred C., assignor.)
United Shoe Machinery Corporation. (See Edwards, Charles E., assignor.)
United Shoe Machinery Corporation. (See Eek, A. C., and Huhn, assignors.)
United Shoe Machinery Corporation. (See Eich, Frank A., assignor.)
United Shoe Machinery Corporation. (See Elliott, Harold E., assignor.)
United Shoe Machinery Corporation. (See Engel, Karl, assignor.)
United Shoe Machinery Corporation. (See Eppler, Andrew, Jr., assignor.)
United Shoe Machinery Corporation. (See Everett, Elwin R., assignor.)
United Shoe Machinery Corporation. (See Fausse, Joseph, assignor.)
United Shoe Machinery Corporation. (See Finn, Sidney, J. assignor.)
United Shoe Machinery Corporation. (See Fossa, Joseph, assignor.)
United Shoe Machinery Corporation. (See Fredericksen, James P., assignor.)
United Shoe Machinery Corporation. (See Gouldbourn, J., and Kestell, assignors.)
United Shoe Machinery Corporation. (See Gross, Charles J., assignor.)
United Shoe Machinery Corporation. (See Haas, Otto R., assignor.)
United Shoe Machinery Corporation. (See Hadaway, John B., assignor.)
United Shoe Machinery Corporation. (See Hadaway, J. B., and O'Brien, assignors.)
United Shoe Machinery Corporation. (See Hamann, William, assignor.)
United Shoe Machinery Corporation. (See Hardy, John F., assignor.)
United Shoe Machinery Corporation. (See Hart, George T., Jr., assignor.)
United Shoe Machinery Corporation. (See Hart, G. T., Jr., and Winkley, assignors.)
United Shoe Machinery Corporation. (See Hazelton, George, assignor.)
United Shoe Machinery Corporation. (See Heather, C. H., and Bagshaw, assignors.)
United Shoe Machinery Corporation. (See Henthorn, J. J., and Ashley, assignors.)
United Shoe Machinery Corporation. (See Hill, Chester A., assignor.)
United Shoe Machinery Corporation. (See Holmgren, Eric A., assignor.)
United Shoe Machinery Corporation. (See Hooper, Lester B., assignor.)
United Shoe Machinery Corporation. (See Hope, Ernest, assignor.)
United Shoe Machinery Corporation. (See Hopkins, Nathan F., assignor.)
United Shoe Machinery Corporation. (See Hopkins, Raymond E., assignor.)
United Shoe Machinery Corporation. (See Jalbert, Adrien L., assignor.)
United Shoe Machinery Corporation. (See Johnson, Charles E., assignor.)
United Shoe Machinery Corporation. (See Johnson, J. W., Brophy, and Ushakoff, assignors.)
United Shoe Machinery Corporation. (See Jorgensen, Jacob C., assignor.)
United Shoe Machinery Corporation. (See Kamborian, Jacob S., assignor.)
United Shoe Machinery Corporation. (See Keall, Frank B., assignor.)
United Shoe Machinery Corporation. (See Keall, F. B., and Lane, assignors.)
United Shoe Machinery Corporation. (See King, Harry C., assignor.)

United Shoe Machinery Corporation. (See Knowlton, Norwood H., assignor.)
United Shoe Machinery Corporation. (See La Chapelle, Euclid I., assignor.)
United Shoe Machinery Corporation. (See La Chapelle, Fred N., assignor.)
United Shoe Machinery Corporation. (See Lamb, George W., assignor.)
United Shoe Machinery Corporation. (See Lancaster, John T., assignor.)
United Shoe Machinery Corporation. (See Lawson, Robert H., assignor.)
United Shoe Machinery Corporation. (See Lefavour, John W., assignor.)
United Shoe Machinery Corporation. (See Legro, R. P., and O'Gorman, assignors.)
United Shoe Machinery Corporation. (See Le Rette, William P., assignor.)
United Shoe Machinery Corporation. (See Leveque, Bernard T., assignor.)
United Shoe Machinery Corporation. (See Loney, John W., assignor.)
United Shoe Machinery Corporation. (See Lyness, Horatio S., assignor.)
United Shoe Machinery Corporation. (See MacDonald, Clifford K., assignor.)
United Shoe Machinery Corporation. (See Macdonald, Lester S., assignor.)
United Shoe Machinery Corporation. (See MacKenzie, Wilbur L., assignor.)
United Shoe Machinery Corporation. (See Madow, Abraham, assignor.)
United Shoe Machinery Corporation. (See Maeser, Mieth, assignor.)
United Shoe Machinery Corporation. (See Mansfield, Willis H., assignor.)
United Shoe Machinery Coorporation. (See Matheson, Arthur, assignor.)
United Shoe Machinery Corporation. (See Matheu, James M., assignor.)
United Shoe Machinery Corporation. (See McIntire, James E., assignor.)
United Shoe Machinery Corporation. (See Meyer, Vernon H., assignor.)
United Shoe Machinery Corporation. (See Miller, Homer B., assignor.)
United Shoe Machinery Corporation. (See Miller, Lloyd G., assignor.)
United Shoe Machinery Corporation. (See Miller, L. G., and Courchene, assignors.)
United Shoe Machinery Corporation. (See Minett, Wilfrid T., assignor.)
United Shoe Machinery Corporation. (See Molitor, Arvid A., assignor.)
United Shoe Machinery Corporation. (See Moore, Ernest, assignor.)
United Shoe Machinery Corporation. (See Morrill, Alfred R., assignor.)
United Shoe Machinery Corporation. (See Naugler, Walter E., assignor.)
United Shoe Machinery Corporation. (See Nutt, William H., assignor.)
United Shoe Machinery Corporation. (See Palmer, James, assignor.)
United Shoe Machinery Corporation. (See Petit, Elmer T., assignor.)
United Shoe Machinery Corporation. (See Pickford, G., and Lee, assignors.)
United Shoe Machinery Corporation. (See Pratt, John W., assignor.)
United Shoe Machinery Corporation. (See Pratt, J. W., and Barker, assignors.)
United Shoe Machinery Corporation. (See Pratt, J. W., and Boothroyd, assignors.)
United Shoe Machinery Corporation. (See Prue, Walter W., assignor.)
United Shoe Machinery Corporation. (See Puddefoot, Laurence E., assignor.)
United Shoe Machinery Corporation. (See Pym, Arthur F., assignor.)
United Shoe Machinery Corporation. (See Ray, Eugene J., assignor.)
United Shoe Machinery Corporation. (See Roberts, C., and Hadaway, assignors.)
United Shoe Machinery Corporation. (See Roberts, William T. B., assignor.)
United Shoe Machinery Corporation. (See Robinson, Charles A., assignor.)
United Shoe Machinery Corporation. (See Russ, Harley W., assignor.)
United Shoe Machinery Corporation. (See Ryan, George F., assignor.)
United Shoe Machinery Corporation. (See Sandberg, Robert N., assignor.)
United Shoe Machinery Corporation. (See Schoenky, August R., assignor.)
United Shoe Machinery Corporation. (See Seely, Thomas H., assignor.)
United Shoe Machinery Corporation. (See Sherman, Fred S., assignor.)
United Shoe Machinery Corporation. (See Smith, Archibald C., assignor.)
United Shoe Machinery Corporation. (See Smith, A. C., and Weller, assignors.)
United Shoe Machinery Corporation. (See Stacey, Ernest W., assignor.)
United Shoe Machinery Corporation. (See Standish, John F., assignor.)
United Shoe Machinery Corporation. (See Stratton, Frank E., assignor.)
United Shoe Machinery Corporation. (See Stritter, Karl A., assignor.)
United Shoe Machinery Corporation. (See Teppema, J., and Morris, assignors.)
United Shoe Machinery Corporation. (See Tetrault, Victor J., assignor.)
United Shoe Machinery Corporation. (See Topham, Laurence E., assignor.)
United Shoe Machinery Corporation. (See Tremblay, Louis P., assignor.)
United Shoe Machinery Corporation. (See Turner, Chester D., assignor.)
United Shoe Machinery Corporation. (See Turner, Jacob G., assignor.)
United Shoe Machinery Corporation. (See Ushakoff, Alexis E., assignor.)
United Shoe Machinery Corporation. (See Warren, Harold, assignor.)
United Shoe Machinery Corporation. (See Webb, Horace D., assignor.)
United Shoe Machinery Corporation. (See Whitaker, Carl F., assignor.)
United Shoe Machinery Corporation. (See Williams, Maurice D., assignor.)
United Shoe Machinery Corporation. (See Willmott, Herbert J., assignor.)
United Shoe Machinery Corporation. (See Winkley, Erastus E., assignor.)
United Shoe Machinery Corporation. (See Woodbury, Stephen E., assignor.)
United Specialties Company. (See Butler, Robert W., assignor.)
United Specialties Company. (See Hallerberg, Theodore W., assignor.)
United States Air Compressor Company, The. (See Pelouch, James J., assignor.)
United States Air Conditioning Corporation. (See Feinberg, Allan A., assignor.)
United States Appliance Corporation. (See Reynolds, F. L., Markel, and Siebert, assignors.)
United States Beet Sugar Association. (See Powers, J. B., and McBirney, assignors.)
U. S. Bobbin & Shuttle Company. (See Jennings, William E., assignor.)
U S Bobbin & Shuttle Company. (See Wood, Seth, assignor.)
U. S. Bottlers Machinery Co. (See Risser, Ivan H., assignor.)
United States Cabinet Bed Co. (See Martin, Joseph, assignor.)
U. S. Electrical Motors, Inc. (See Heyer, Don, assignor.)
U. S. Electrical Motors, Inc. (See Heyer, D., and Myers, assignors.)
U. S. Electrical Motors, Inc. (See Heyer, D., and Pfleger, assignors.)
U. S. Electrical Motors, Inc. (See Hoover, Vaino, assignor.)
U. S. Electrical Motors, Inc. (See Mason, Frank M., assignor.)
U. S. Electrical Motors, Inc. (See Mason, F., and Pfleger, assignors.)
U. S. Electrical Motors, Inc. (See Myers, Thomas G., assignor.)
U. S. Electrical Motors, Inc. (See Myers, T. G., and Mason, assignors.)
U. S. Electrical Motors, Inc. (See Myers, T. G., Pfleger, and Mason, assignors.)
U. S. Electrical Motors, Inc. (See Pfleger, George T., assignor.)
United States Envelope Company. (See Heywood, Vincent E., assignor.)
United States Envelope Company. (See Nuyts, Georges A. H., assignor.)
United States Envelope Company. (See Swallow, F. P., and Smith.)
United States Envelope Company. (See Swift, Willard E., Jr., assignor.)
United States Envelope Company. (See Swift, W. E., and Anderson, assignors.)
United States Gauge Company. (See Aschenbach, E. L., and McClelland, assignors.)
United States Gauge Company. (See Hartley, Howard J., assignor.)
United States Gauge Company. (See Klein, Maximilian, assignor.)
United States Gauge Company. (See Klein, M., and Pfeffer, assignors.)
United States Gypsum Company. (See Camp, Thomas P., assignor.)
United States Gypsum Company. (See Camp, T. P., and Page, assignors.)
United States Gypsum Company. (See Cumfer, Donald A., assignor.)
United States Gypsum Company. (See Devereux, James N., assignor.)
United States Gypsum Company. (See Elliott, Walter, assignor.)
United States Gypsum Company. (See Gibson, O. E., and Keen, assignors.)

United States Gypsum Company. (See Gill, Joseph W., assignor.)
United States Gypsum Company. (See Haegele, Otto P., assignor.)
United States Gypsum Company. (See Hamilton, Andrew C., Jr., assignor.)
United States Gypsum Company. (See Hann, George L., assignor.)
United States Gypsum Company. (See Huntzicker, Harry N., assignor.)
United States Gypsum Company. (See King, George D., assignor.)
United States Gypsum Company. (See King, G. D., and Camp, assignors.)
United States Gypsum Company. (See King, G. D., and Dailey, assignors.)
United States Gypsum Company. (See King, G. D., and Gill, assignors.)
United States Gypsum Company. (See Knode, Oliver M., assignor.)
United States Gypsum Company. (See Knode, O. M. Besal, and Thorman, assignors.)
United States Gypsum Company. (See Linzell, Harry K., assignor.)
United States Gypsum Company. (See Linzell, H. K., and Gill, assignors.)
United States Gypsum Company. (See Oberg, Elmer B., assignor.)
United States Gypsum Company. (See Page, John, assignor.)
United States Gypsum Company. (See Roos, C. K., and Huntzicker, assignors.)
United States Gypsum Company. (See Schuetz, Clyde C., assignor.)
United States Gypsum Company. (See Yanick, Nicholas S., assignor.)
United States Hoffman Machinery Corporation. (See Bowdoin, G. E., and Strobridge, assignors.)
United States Hoffman Machinery Corporation, The. (See Clarke, Clarence M., assignor.)
United States Hoffman Machinery Corporation. (See Locke, Sanford J., assignor.)
United States Hoffman Machinery Corporation. (See Strobridge, William, assignor.)
United States Hoffman Machinery Corporation. (See Sutton, Harry G., assignor.)
U. S. Industrial Alcohol Company. (See Herstein. Bernard, assignor.)
U. S. Industrial Alcohol Co. (See Onderdonk, Philip B., assignor.)
U. S. Industrial Alcohol Co. See Zink, Donald G., assignor.)
United States Instrument Corporation. (See Warnke, Herbert R., assignor.)
U. S. Knitwear Corp. (See Solomon, Jacob, assignor.)
U. S. Manufacturing Corporation. (See Platt, Stephen A., assignor.)
United States Metal Powders, Inc. (See Mandle, Henry H., assignor.)
United States Metal Powders, Inc. (See Tour, Sam, assignor.)
United States Patent Development and Royalty Company. (See Neuman, Jacob J., assignor.)
United States Patent Development and Royalty Company (See Neuman, Jacob J. and H. G., assignors.)
United States Radiator Corporation. (See McIntire, James F., assignor.)
U. S. Reduction Co. (See Lindenberger, H., and Sugar, assignors.)
United States Rubber Company. (See Adamson, Seth, assignor.)
United States Rubber Company. (See Bailey, Milo, assignor.)
United States Rubber Company. (See Battin, Harold T., assignor.)
United States Rubber Company. (See Battin, H. T., and Silva, assignors.)
United States Rubber Company. (See Brooks, Arthur E., assignor.)
United States Rubber Company. (See Cady, John E., assignor.)
United States Rubber Company. (See Cake, W. E., and McColm, assignors.)
United States Rubber Company. (See Castricum, M., and Kennedy, assignors.)
United States Rubber Company. (See Cotchett, Louis M., assignor.)
United States Rubber Company. (See Chittenden, F. D., and Manchester, assignors.)
United States Rubber Company. (See Chittenden, F. D., and Rupprecht, assignors.)
United States Rubber Company. (See Eger, Ernst, assignor.)
United States Rubber Company. (See Foster, B. H., and Rupprecht, assignors.)
United States Rubber Company. (See Galligan, James J., assignor.)
United States Rubber Company. (See Gay, Gilman M., assignor.)
United States Rubber Company. (See Gibbons, W. A., and McGavack, assignors.)
United States Rubber Company. (See Gisslander, S. G., and Sterrett, assignors.)
United States Rubber Company. (See Harkins, Henry H., assignor.)
United States Rubber Company. (See Hawley, Thomas G., Jr., assignor.)
United States Rubber Company. (See Howland, Louis H., assignor.)
United States Rubber Company. (See Howland, L. H., and ter Horst, assignors.)
United States Rubber Company. (See Iknayan, Alfred N., assignor.)
United States Rubber Company. (See Jessup, Morris K., assignor.)
United States Rubber Company. (See Johnson, Clifford S., assignor.)
United States Rubber Company. (See Jordan, Hubert F., assignor.)
United States Rubber Company. (See Laliberte, Albert J., assignor.)
United States Rubber Company. (See Littlefield, Lloyd M., assignor.)
United States Rubber Company. (See Liveringhouse, Harry C., assignor.)
United States Rubber Company. (See Lowrey, Edward G., assignor.)
United States Rubber Company. (See MacDonald, D. A., and O'Donohoe, assignors.)
United States Rubber Company. (See Mahoney, Paul L., assignor.)
United States Rubber Company. (See Marick, Louis, assignor.)
United States Rubber Company. (See Maynard, Charles E., assignor.)
United States Rubber Company. (See McGavack, John, assignor.)
United States Rubber Company. (See McGavack, J., and Linscott, assignors.)
United States Rubber Company. (See Messer, William E., assignor.)
United States Rubber Company. (See Messer, W. E., and Bassford, assignors.)
United States Rubber Company. (See Meuser, Ludwig, assignor.)
United States Rubber Company. (See Moos, Charles P., assignor.)
United States Rubber Company. (See Moskowitz, C. J., and Emptage, assignors.)
United States Rubber Company. (See Muller, John A., assignor.)
United States Rubber Company. (See Newton, W. A., Jr., and Austin, assignors.)
United States Rubber Company. (See Ogilby, Stewart R., assignor.)
United States Rubber Company. (See Rainier, Edwin T., assignor.)
United States Rubber Company. (See Raymond, Norton G., assignor.)
United States Rubber Company. (See Rice, Harold D., assignor.)
United States Rubber Company. (See Roberts, Edward F., assignor.)
United States Rubber Company. (See Scholl, E. L., Oakleaf, and Morron, assignors.)
United States Rubber Company. (See Sloman, C. M., and Ewart, assignors.)
United States Rubber Company. (See Smallwood, H. M., and Battin, assignors.)
United States Rubber Company. (See Teague, M. C., and Hawley, assignors.)
United States Rubber Company. (See ter Horst, William P., assignor.)
United States Rubber Company. (See ter Horst, W. P., and Eldridge, assignors.
United States Rubber Company. (See Tingey, Harold C., assignor.)
United States Rubber Company. (See True, O. S., and Beecher, assignors.)
United States Rubber Company. (See Tuley, W. F., Dewey and Hanslick, assignors.)
United States Rubber Company. (See Walker, Raymond A., assignor.)
United States Rubber Company. (See Wanless, Graham G., assignor.)
United States Rubber Company. (See Wilson, Thomas L., assignor.)
U. S. Slicing Machine Company. (See Folk, Joseph, assignor.)
U. S. Slicing Machine Company. (See Kallós, Josef J. and J., assignors.)
U. S. Slicing Machine Company. (See van Berkel, Cornelis F. M., assignor.)
U. S. Slicing Machine Company. (See van Berkel, Wilhelmus A., assignor.)
United States Spring & Bumper Co. (See Tibbals, William L., assignor.)
United States Steel Corporation. (See Davenport, E. S., and Engel, assignors.)
United States Stoneware Company. (See Chamberlain, J. M. W., and Burnip, assignors.)
United Steel Barrel Company. (See Dodson, Howard W., assignor.)
United Steel & Wire Company. (See Griffin, Francis D., assignor.)
United Steel & Wire Company. (See Schray, Walter H., assignor.)
United Stove Company. (See Breed, Carroll M., assignor.)
United Wire Works, Limited. (See Green, Willie D. T., assignor.)

United Wood Heel Company. (See Ponder, Ray E., assignor.)
Unitor Corporation. (See Parsons, George K., assignor.)
Unity Machine Corporation. (See Golding, Julius, assignor.)
Universal Button Fastening & Button Company. (See Bedford, Albert P., assignor.)
Universal Camera Corporation. (See Githens, O. W., Kende, and Porter, assignors.)
Universal Camera Corporation. (See Kende, George, assignor.)
Universal Celluloss (Proprietary) Limited. (See Ritter, Ernest A., assignor.)
Universal Chain Co. (See Augenstein, Eugen, assignor.)
Universal Clay Products Co., The. (See Hobert, Leroy F., assignor.)
Universal Cooler Corporation. (See Higham, William W., assignor.)
Universal Corporation. (See Tumey, Charles M., assignor.)
Universal Cover Fastener Company. (See Kraft, J. E., and Bergner, assignors.)
Universal Crusher Company. (See Conway, Robert D., assignor.)
Universal Development Corporation et al. (See Malishev, Boris, assignor.)
Universal Engine and Propeller Co. (See Price, Nathan C., assignor.)
Universal Gear Corporation. (See Wennerstrom, Carl G., assignor.)
Universal Hydraulic Corporation. (See Kinzie, P. A., and Hornsby, assignors.)
Universal Match Corporation, The. (See Neklutin, Constantine N., assignor.)
Universal Milking Machine Company, The. (See Schmitt, John A., assignor.)
Universal Oil Products Company. (See Alther, Joseph G., assignor.)
Universal Oil Products Company. (See Angell, Charles H., assignor.)
Universal Oil Products Company. (See Barnes, Marion W., assignor.)
Universal Oil Products Company. (See Benedict, Wayne L., assignor.)
Universal Oil Products Company. (See Bloch, H. S., and Thomas, assignors.)
Universal Oil Products Company. (See Cox, Albert B., assignor.)
Universal Oil Products Company. (See Day, Roland B., assignor.)
Universal Oil Products Company. (See Egloff, G., and Thomas, assignors.)
Universal Oil Products Company. (See Grosse, Aristid V., assignor.)
Universal Oil Products Company. (See Grosse, A. V., and Mattox, assignors.)
Universal Oil Products Company. (See Grosse, A. V., and Pines, assignors.)
Universal Oil Products Company. (See Grosse, A. V., and Thomas, assignors.)
Universal Oil Products Company. (See Heid, Jacob B., assignor.)
Universal Oil Products Company. (See Huff, Lyman C., assignor.)
Universal Oil Products Company. (See Ipatieff, V., and Pines, assignors.)
Universal Oil Products Company. (See Ipatieff, V., and Schaad, assignors.)
Universal Oil Products Company. (See Ipatieff, V. N., and Corson, assignors.)
Universal Oil Products Company. (See Ipatieff, V. N., and Grosse, assignors.)
Universal Oil Products Company. (See Ipatieff, V. N., and Pines, assignors.)
Universal Oil Products Company. (See Ipatieff, V. N., and Schmerling, assignors.)
Universal Oil Products Company. (See Johnstone, Warren W., assignor.)
Universal Oil Products Company. (See Kassel, Louis S., assignor.)
Universal Oil Products Company. (See Komarewsky, Vasili, assignor.)
Universal Oil Products Company. (See Laatsch, Rudolph C., assignor.)
Universal Oil Products Company. (See Leffer, Friedrich W., assignor.)
Universal Oil Products Company. (See McCausland, John W., assignor.)
Universal Oil Products Company. (See Mekler, Lev A., assignor.)
Universal Oil Products Company. (See Monroe, G. S., and Ipatieff, assignors.)
Universal Oil Products Company. (See Morrell, Jacque C., assignor.)
Universal Oil Products Company. (See Morrell, J. C., and Benedict, assignors.)
Universal Oil Products Company. (See Morrell, J. C., and Grosse, assignors.)
Universal Oil Products Company. (See Murphy, G. B., and Hubner, assignors.)
Universal Oil Products Company. (See Pennington, D. L., and Benedict, assignors.)
Universal Oil Products Company. (See Perkins, Maynard F., assignor.)
Universal Oil Products Company. (See Pyzel, Robert, assignor.)
Universal Oil Products Company. (See Pÿzel, R., and Gerhold, assignors.)
Universal Oil Products Company. (See Schmerling, L., and Pines, assignors.)
Universal Oil Products Company. (See Seguy, Jean D., assignor.)
Universal Oil Products Company. (See Shanley, W. B., and Sutherland, assignors.)
Universal Oil Products Company. (See Swartwood, Kenneth, assignor.)
Universal Oil Products Company. (See Swartwood, K., and Engelstein, assignors.)
Universal Oil Products Company. (See Thomas, C. L., and Bloch, assignors.)
Universal Oil Products Company. (See Tropsch, Hans, assignor.)
Universal Oil Products Company. (See van Peski, A. J., and Lorang, assignors.)
Universal Oil Products Company. (See Watson, Kenneth M., assignor.)
Universal Oil Products Company. (See Wells, Bryan D., assignor.)
Universal Oil Products Company. (See Wirth, Charles. III, assignor.
Universal Optical Corporation. (See Bosworth, Thomas E., assignor.)
Universal Optical Corporation. (See Marciano, Gerardo F., assignor.)
Universal Optical Corporation. (See Sweeney, James A., assignor.)
Universal Paper Products Company. (See Amberg, Walter E., assignor.)
Universal Pictures Company. (See Valentine, Joseph A., assignor.)
Universal Products Company. (See Wollner, Hans, assignor.)
Universal Railway Devices Company. (See Hall, Joseph M., assignor.)
Universal Research Corporation. (See Newbery, Ivor B., assignor.)
Universal Tool Company. (See Keller, Ernst R., assignor.)
Universal Winding Company. (See Beckman, Gustaf S., assignor.)
Universal Winding Company. (See Feaster, Edward B., assignor.)
Universal Winding Company. (See Hitchcock, Harold W., assignor.)
Universal Winding Company. (See Mills, D. E., and Taylor, assignors.)
Universal Winding Company. (See Shipman, Ralph, assignor.)
Universal Winding Company. (See Swanson, Ernest R., assignor.)
Universal Winding Company. (See Thomas, William B., assignor.)
Universal Window Company. (See Wiley, Esmond F., assignor.)
"Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Co. (See Eissmann, Erich, assignor.)
"Universelle" Cigarettenmaschinenfabrik J. C. Muller & Co. (See Eissmann, Oswald E., assignor.)
"Universelle" Cigaretten-Maschinenfabrik J. C. Mueller & Co. (See Herrmann, Paul J., assignor.)
"Universelle" Cigarettenmaschinenfabrik J. C. Mueller & Co. (See Jorke, Karl E. P., assignor.)
"Universelle" Cigarettenmaschinenfabrik J. C. Mueller & Co. (See Röber, Constantin F., assignor.)
"Universelle" Cigarettenmaschinenfabrik J. C. Mueller & Co. (See Schmiedel, Johannes, assignor.)
University of Illinois, Board of Trustees of the. (See Pincussen, Ludwig, assignor.)
University of Illinois, Board of Trustees of the. (See Tykociner, J. T., Kunz, and Garner, assignors.)
University of Michigan, Regents of The. (See Blicke, Frederick F., assignor.)
University of Pennsylvania, The Trustees of the. (See Flosdorf, Earl W., assignor.)
Unrivaled Hosiery Mill, Inc. (See Lesher, John L., assignor.)
Unterbusch, Franz. (See Meyer, U., Braun, Unterbusch, Lindlau and Kern.)
Unterbusch, Franz, assignor to Felten & Guilleaume Carlswerk Actien-Gesellschaft, Cologne-Mulheim, Germany. High frequency signaling cable. 2,189,090; Feb. 6.
Unterbusch, Franz, assignor to Felten & Guilleaume Carlswerk Actien-Gesellschaft, Cologne-Mulheim, Germany. Flexible high frequency cable. 2,189,091; Feb. 6.
Unterbusch, Franz, assignor to Felten & Guilleaume Carlswerk Actien-Gesellschaft, Cologne-Mulheim, Germany. Cable. 2,223,140; Nov. 26.
Upchurch, Thomas B., Jr., Raeford, N. C. Rail cushion. 2,214,628; Sept. 10.
Updegrave, William M., Johnstown, Pa. Apparatus for exercising the eyes. 2,205,965; June 25.
Upham, Burt F., Grimsby, Ontario, Canada. Method and means for feeding sheets. 2,221,500; Nov. 12.
Upham, Preston, Newton, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener member. 2,215,258; Sept. 17.
Uphill, Kenneth M. (See Jackson, T., and Uphill.)

Uphill, Kenneth M., and A. F. Guyler, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of knitted fabrics. 2,204,711; June 18.
Upjohn Company, The. (See Norton, J. F., and Enz, assignors.)
Upjohn Company, The. (See Zick, F. G., and Riel, assignors.)
Upp, George W. (See Almond, J. R., and Upp.)
Upright, Richard M. (See Collings, W. R., Freeman, and Upright.)
Upson, Charles A., Lockport, N. Y., assignor to General Motors Corporation. Radio antenna construction. 2,189,155; Feb. 6.
Upton, Richard C., Mount Clemens, assignor of one-eighth to A. N. Goddard, one-eighth to C. S. Goddard, one-eighth to E. E. Anderson, and one-eighth to H. Hagerty, Detroit, Mich. Variable speed electric motor. 2,191,872; Feb. 27.
Upton, Richard C., Mount Clemens, assignor of one-half to Commerce Pattern Foundry & Machine Company, Detroit, Mich. Molten bath furnace. 2,223,138; Nov. 26.
Upton, Richard C., Mount Clemens, assignor of one-half to Commerce Pattern Foundry & Machine Company, Detroit, Mich. Molten bath furnace. 2,223,139; Nov. 26.
Urbain, Oliver M., Columbus, assignor to C. H. Lewis, Harpster, Ohio. Treating liquids. 2,208,171; July 16.
Urbain, Oliver M., Columbus, assignor to C. H. Lewis, Harpster, Ohio. Treating liquids. 2,208,172; July 16.
Urbain, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Effecting anion exchange. 2,208,173; July 16.
Urbain, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Purification of potable water. 2,210,965; Aug. 13.
Urbain, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Purification of potable water. 2,210,966; Aug. 13.
Urban, Ernest F., Cicero, Ill. Adjustable grease fitting. 2,215,339; Sept. 17.
Urban, Richard, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 2,203,756; June 11.
Urban, Stephen F. (See Mican, G. S., Steinberg, and Urban.)
Urban, Wilhelm. (See Pier, M., Urban, and Donath.)
Urbandt, Mauricio. (See Giménez, D. A., and Urbandt.)
Uren, Harold. (See McIntosh, J. E., and Uren.)
Ürményi, Ladislaus, Bern, Switzerland. Apparatus for measuring the thickness of foils. 2,189,092; Feb. 6.
Urquhart, George G. (See Urquhart, Radcliffe M. and G. G.)
Urquhart, George G., Cynwyd, Pa. Apparatus for recovering gasoline and the like. 2,194,680; Mar. 26.
Urquhart, Norman J., East Lansing, Mich., assignor to Humidex Corporation. Air conditioning. 2,217,190; Oct. 8.
Urquhart, Radcliffe M. (See Powell, W. T., and Urquhart.)
Urquhart, Radcliffe M., Philadelphia, and G. G. Urquhart, Cynwyd, Pa. Generating and distributing fire extinguishing foam. 2,198,585; Apr. 23.
Urschel Bertis H., assignor to Urschel Engineering Company, Bowling Green, Ohio. Machine for heat-treating metal articles. 2,188,257; Jan. 23.
Urschel, Bertis H., assignor to The Urschel Engineering Company, Bowling Green, Ohio. Automotive vehicle axle. 2,218,127; Oct. 15.
Urschel, Bertis H., assignor to The Urschel Engineering Company, Bowling Green, Ohio. Mower. 2,225,139; Dec. 17.
Urschel Engineering Company, The. (See Urschel, Bertis H., assignor.)
Urschel, Joe R. (See Urschel, William E., and J. R.)
Urschel, William E., Valparaiso, Ind. Dicing machine. 2,187,252; Jan. 16.
Urschel, William E., Valparaiso, Ind. Dicing machine. 2,187,957; Jan. 23.
Urschel, William E., Valparaiso, Ind. Regulator for beet toppers. 2,192,247; Mar. 5.
Urschel, William E., Valparaiso, Ind. Fruit-stemming machine. 2,194,058; Mar. 19.
Urschel, William E., Valparaiso, Ind. Corn harvesting apparatus. 2,214,113; Sept. 10.
Urschel, William E. and J. R., Valparaiso, Ind. (Slitting machine. 2,186,084; Jan. 9.
Urschel, William E. and J. R., Valparaiso, Ind. Slicing machine. 2,195,879; Apr. 2.
Urschel, William E. and J. R., Valparaiso, Ind. Method and apparatus for cutting whole stalks of celery into short lengths. 2,215,535; Sept. 24.
Urschler, Franz, assignor to the firm Alex. Friedmann, Vienna, Germany. Lubricating pump. 2,215,987; Sept. 24.
Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Arrangement for amplitude modulation. 2,185,874; Jan. 2.
Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Rectifier. 2,191,634; Feb. 27.
Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television system. 2,195,103; Mar. 26.
Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray picture scanner. 2,196,130; Apr. 2.
Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television system. 2,200,048; May 7.
Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron beam control system. 2,202,612; May 28.
Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television transmission apparatus. 2,202,613; May 28.
Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Signaling system. 2,204,058; June 11.
Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Signaling circuit. 2,205,504; June 25.
Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television scanning apparatus. 2,210,992; Aug. 13.
Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television system. 2,227,045; Dec. 31.
User, Armand, Paris, France. Skate. 2,220,557; Nov. 5.
Ushakoff, Alexis E. (See Johnson, J. W., Brophy, and Ushakoff.)
Ushakoff, Alexis E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shuttle for game of badminton. 2,218,593; Oct. 22.
Usinskis, Stasys, Kaunas, Lithuania. Marionette. 2,202,677; May 28.
Usselman, George L. (See Hansell, C. W., Usselman, and Latimer.)
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. High frequency apparatus. 2,193,500; Mar. 12.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Phase modulation. 2,194,532; Mar. 26.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Modulator. 2,201,016; May 14.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Thyrite protective device. 2,201,211; May 21.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electric condenser. 2,204,166; June 11.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electron oscillation generator and phase modulator. 2,210,015; Aug. 6.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electric condenser. 2,210,050; Aug. 6.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. High frequency apparatus. 2,215,200; Sept. 17.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Phase modulation. 2,217,778; Oct. 15.
Usselman, George L., Port Jefferson, and C. W. Hansell, Rocky Point, N. Y., assignors to Radio Corporation of America. Cooling system. 2,190,110; Feb. 13.
Usselman, George L., Port Jefferson, and R. E. Franklin, Patchogue, N. Y., assignors to Radio Corporation of America. Crystal holder. 2,193,501; Mar. 12.
Usselman, George L., and C. W. Hansell, Port Jefferson, N. Y., assignors to Radio Corporation of America. Transmitting apparatus. 2,217,628; Oct. 8.
Usselman, George L., and C. W. Hansell, Port Jefferson, N. Y., assignors to Radio Corporation of America. Ultra short wave system. 2,218,223; Oct. 15.
Utah Radio Products Company. (See Barrett, E. L., and Bertschi, assignors.)
Utica Steam Engine and Boiler Works. (See McCann, William F., assignor.)
Utica Willowvale Bleaching Company. (See Swain, Earl H., assignor.)
Utility Electric Corp. (See Bahlke, Alfred F., assignor.)
Utility Electric Corporation. (See Koerner, Walter E., assignor.)
Utility Patents Trust. (See Cowles, Irving.)
Utility Steel Display Frames, Inc. (See Connell, John W., assignor.)
Utley, Charles H., Hardwick, Vt. Folding chair structure. 2,221,932; Nov. 19.
Utterback, Andrew B., Kenosha, Wis. Grinding machine. 2,187,289; Jan. 16.
Utterback, Ernest. (See Dunham, G. S., and Utterback.)
Utterback, Hugh W., Hiawatha, Utah. Trailer hitch. 2,221,278; Nov. 12.
Uttz, William A., Sr., assignor to H. L. Collins, Sr., Fort Worth, Tex. Animal trap. 2,187,001; Jan. 16.
Utz, Chester C., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle. 2,201,250; May 21.
Utz, Chester C., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Vehicle steering apparatus. 2,215,280; Sept. 17.

Uyehara, Toku, Paauilo, Hawaii. Cultivating machine. 2,193,308; Mar. 12.
Uytenbogaart, Johannes. (See Hartmann, A., and Uytenbogaart.)
Uytenbogaart, Johannes, Berlin-Lichterfelde, Germany, assignor to North American Rayon Corporation, New York, N. Y. Spindle support for spools. 2,185,780; Jan. 2.
Uytenbogaart, Johannes, Berlin-Lichterfelde, Germany, assignor to North American Rayon Corporation, New York, N. Y. Method and device for use on winding machines. 2,197,736; Apr. 16.
Uyterhoeven, Willem. (See Lemmens, H. J., Uyterhoeven, and Smelt.)
Uyterhoeven, Willem. (See Zecher, G., and Uyterhoeven.)
Uyterhoeven, Willem, C. Verburg, P. Schouwstra, and J. P. M. Mutsaers, Eindhoven, Netherlands, assignors to General Electric Company. Gaseous electric discharge device. 2,200,940; May 14.
Uzunoff, Boris. (See Mosher, H. H., and Uzunoff.)
V. Doepp, Philipp, assignor to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft Dessau, Dessau, Germany. Brake for aircraft. 2,205,714; June 25.
V. G. Manufacturing Company Ltd. (See Saueressig, Johann H., assignor.)
V. & O. Press Company. (See Freeman, Raymond A., assignor.)
V. Reibnitz, Bruno. (See Luther, M., and v. Reibnitz.)
V. Schlippe, Boris. (See Wagner, H., and v. Schlippe.)
Vaage, Henry R., Alhambra, Calif., assignor to Hardie Manufacturing Company, Hudson, Mich. Orchard sprayer. 2,218,776; Oct. 22.
Vacca, Antonio, Cleveland, Ohio. Elevator lock and switch mechanism. 2,199,471; May 7.
Vachon, Hubert A. (See Vachon, Lionel G. and H. A.)
Vachon, Joseph J., South Portland, Maine, assignor of three-eighths to H. I. Lyons, Boston, Mass., and three-eighths to J. A. Cordeau, Saco, Maine. Upper treating device. 2,191,416; Feb. 20.
Vachon, Lionel G. and H. A., assignors to Stampress Folding System, Inc., Haverhill, Mass. Folding shoe uppers. 2,198,140; Apr. 23.
Vaco Products, Inc. (See Carter, Philip M., assignor.)
Vaco Products, Inc. (See Carter, P. M., and Linsley, assignors.)
Vaco Products, Inc. (See Carter, P. M., Linsley, and Larsen, assignors.)
Vacquier, Victor V. (See Rusler, G. W., and Vacquier.)
Vacuum Candy Machinery Company. (See Smaltz, John C., assignor.)
Vacuum Candy Machinery Company. (See Smaltz, J. C., and Covert, assignors.)
Vacuum Equipment Corporation. (See Pim, Harvey E., assignor.)
Vacuum Power Brake Company. (See Gunderson, Ralph R., assignor.)
Vacuum Process Extraction Corporation. (See Elian, A. J., and Párraga, assignors.)
Vaders, Eugen, Frankfort-on-the-Main, Germany. Aluminum alloy as bearing metal. 2,215,445; Sept. 17.
Vaders, Eugen, assignor to Vereinigte Deutsche Metallwerke Aktiengesellschaft, Frankfort-on-the-Main-Heddernheim, Germany. Aluminum alloy as bearing metal. 2,196,236; Apr. 9.
Vaders, Eugen, Frankfort-on-the-Main, assignor to Vereinigte Deutsche Metallwerke Aktiengesellschaft, Frankfort-on-the-Main-Heddernheim, Germany. Aluminum alloy as bearing metal. 2,215,442; Sept. 17.
Vaders, Eugen, Frankfort-on-the-Main, assignor to Vereinigte Deutsche Metallwerke Aktiengesellschaft, Frankfort-on-the-Maine-Heddernheim, Germany. Aluminum alloy as bearing metal. 2,215,443; Sept. 17.
Vaders, Eugen, Frankfort-on-the-Main, assignor to Vereinigte Deutsche Metallwerke Aktiengesellschaft, Frankfort-on-the-Main-Heddernheim, Germany. Aluminum alloy as bearing metal. 2,215,444; Sept. 17.
Vadnais, Charles L., Leavenworth, Kans., assignor of fifty-one per cent to H. L. Fischer, St. Paul, Minn. Laundry bag. 2,225,089; Dec. 17.
Vafiadis, Georg. (See Herzog, K., and Vafiadis.)
Vahlteich, Hans W. (See Gooding, C. M., and Vahlteich.)
Vail, Edgar L., assignor to Jaeger Watch Company, Inc., New York, N. Y. Speed and distance indicating instrument. 2,210,388; Aug. 6.
Vail, Edwin H. (See Brown, Robert E., assignor.)
Vail, James G., Media, and C. L. Baker, Penn Wynne, assignors to Philadelphia Quartz Company, Philadelphia, Pa. Manufacture of silicate-clay suspensions. 2,205,609; June 25.
Valane, Ernest O., Oak Terrace, assignor of one-half to G. A. Goff, Hennepin County, Minn. Thermometer holder. 2,191,782; Feb. 27.
Valavan, George J., Mount Vernon, N. Y. Bottle filling machinery. 2,212,410; Aug. 20.
Vale, Baldwin, San Francisco, Calif. Subsoil tilling machine. 2,212,136; Aug. 20.
Valenta, Emanuel, Pilsen, Czechoslovakia, assignor, by mesne assignments, to Electro-Metallurgical Company, New York, N. Y. Steels and alloys having elevated chromium content. 2,197,955; Apr. 23.
Valentine, George E., and J. I. Hurst, Schuylkill Haven, Pa. Automatic coal stoker. 2,204,555; June 18.
Valentine, Harold G. (See Warner, R. J., and Valentine.)
Valentine, Joseph A., Los Angeles, assignor to Universal Pictures Company, Inc., Universal City, Calif. Prism attachment for cameras. 2,194,059; Mar. 19.
Valentine, Joseph E., Plainfield, N. J. Sampling device. 2,185,386; Jan. 2.
Valentine, Joseph E., assignor to Oxzyn Sales Company, Plainfield, N. J. Closure. 2,221,120; Nov. 12.
Valentine, Kenneth S., New York, N. Y., assignor to The Patterson Foundry & Machine Co., East Liverpool, Ohio. Dissolver. 2,201,212; May 21.
Valentine, Kenneth S., New York, N. Y., assignor to The Patterson Foundry & Machine Co., East Liverpool, Ohio. Varipitch spiral blade impeller or turbine. 2,201,947; May 21.
Valentine, Lawrence F. (See Cooper, A. T., and Valentine.)
Valentine, Percy W. (See Soltan, Alexander, assignor.)
Valenzuela, José G., Mexico City, D. F., Mexico. Demountable truck body for railroad transportation. 2,223,275; Nov. 26.
Valjean, Ben, assignor to Motor Wheel Corporation, Lansing, Mich. Combustion apparatus. 2,186,156; Jan. 9.
Valjean, Ben, assignor to Motor Wheel Corporation, Lansing, Mich. Control for combustion apparatus. 2,214,912; Sept. 17.
Vallance, John V., Sea Lake, Victoria, Australia. Draft mechanism of tractors. 2,224,091; Dec. 3.
Vallen, Earl J., Akron, Ohio. Motor driven cable control. 2,215,021; Sept. 17.
Valletta, Vittorio, assignor to Fiat Societa Anonima, Turin, Italy. Cooling the radiator of a motor vehicle engine. 2,191,599; Feb. 27.
Valletta, Vittorio, assignor to Fiat Società Anonima, Turin, Italy. Independent wheel suspension for motor vehicles. 2,197,163; Apr. 16.
Valletta, Vittorio, assigner to Fiat Societa Anonima, Turin, Italy. Metal framework for motor vehicles. 2,226,790; Dec. 31.
Valley, Harry R., Lakewood, Ohio. Count control switch. 2,222,007; Nov. 19.
Valley Mould and Iron Corporation. (See Kauffman, Edmund J., assignor.)
Vallie, Guy C. D., Cranston, R. I., assignor to Standard Mill Supply Company. Drive for winding machines. 2,223,155; Nov. 26.
Vallone, Joseph M., assignor to Barcalo Manufacturing Company, Buffalo, N. Y. Glider or swinging couch. 2,217,779; Oct. 15.
Valsts Elektrotechniska Fabrika. (See Zapp, Walter, assignor.)
Valtat, Raymond L. A., Saint-Mande, assignor to J. F. Augier-Queyras, Paris, France. Automatic relay control system. 2,189,846; Feb. 13.
Valverde, Robert, New York, N. Y. Bed cradle. 2,209,801; July 30.
Vana, Charles A. (See Haag, I. L., and Vana.)
Van Ackeren, Joseph, Pittsburgh, Pa., assignor to Koppers Company. Coking retort oven. 2,200,377; May 14.
Van Ackeren, Joseph, Pittsburgh, Pa., assignor to Koppers Company. Coking retort oven. 2,205,839; June 25.
Van Ackeren, Paul, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Coke oven door or the like. 2,200,403; May 14.
Van Ackeren, Paul, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Coke oven door. 2,207,562; July 9.
Van Ackeren, Paul, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Horizontal chamber oven or the like for the production of gas and coke. 2,225,359; Dec. 17.
Vanadium Corporation of America. (See Chandler, Henry T., assignor.)
Vanadium Corporation of America. (See Davis, J. R., Strauss, and Dunn, assignors.)
Vanadium Corporation of America. (See Strauss, J., and Dunn, assignors.)
Van Allen, Lawrence R., Chicago, Ill. Wood impregnation. 2,205,770; June 25.
Van Alphen, Pieter M. (See Bergmans, J., van Alphen, and van der Veen.)
Van Alphen, Pieter M. (See Dorgelo, E. G., and van Alphen.)
Van Alphen, Pieter M., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Projection apparatus. 2,195,392; Mar. 26.
Van Alphen, Pieter M., E. G. Dorgelo, and H. J. Lemmens, Eindhoven, Netherlands, assignors to General Electric Company. Gaseous electric discharge lamp device. 2,223,470; Dec. 3.
Van Alstyne, Bonnie E., San Francisco, Calif. Line indicator. 2,197,164; Apr. 16.
Van Alstyne, Bonnie E., San Francisco, Calif. Copyholder. 2,222,864; Nov. 26.
Van Baeyer, Hans J. R. (See Buschbeck, W., and von Baeyer.)
Van Beck, John, New Canaan, Conn. Match book. 2,221,886; Nov. 19.
Van Beeck, Peter, Berlin, Germany. Instrument for extracting tooth roots. 2,210,349; Aug. 6.
Van Beek, Heinz, Berlin-Lichterfelde, E. Wörn, Berlin-Treptow, K. Lohmann, Munster in Westphalia, and R. Jesse, Berlin, Germany, assignors, by mesne assignments, to W. H. Duisberg, New York, N. Y. Apparatus for producing a uniform sliver of continuous rayon filaments. 2,215,112; Sept. 17.
Van Benschoten, Walter, assignor to The Radiart Corporation, Cleveland, Ohio. Automobile radio antenna. 2,214,598; Sept. 10.

Van Benschoten, William H., Washington, D. C. Manufacture of stereograms. 2,219,158; Oct. 22.
Van Berkel, Cornelis F. M., Wassenaar, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,196,371; Apr. 9.
Van Berkel, Wilhelmus A., Clarens, Switzerland, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,186,565; Jan. 9.
Van Berkel, Wilhelmus A., Clarens, Montreux, Switzerland, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,224,557; Dec. 10.
Van Berkel, Wilhelmus A., Brussels, Belgium, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing-machine slice-stacking mechanism. 2,199,943; May 7.
Van Blarcom, Charles W. (See Harris, W. A., and Van Blarcom.)
Van Blarcom, Charles W., and W. A. Harris, Boonton, N. J. Truck tail-gate lift. 2,200,436; May 14.
Van Blarcom, John H., assignor to National Seal Corporation, Brooklyn, N. Y. Method and apparatus for making container. 2,218,102; Oct. 15.
Van Briessen, Karl. (See Arens, H., and van Briessen.)
Van Briessen, Karl, and J. Eggert, Leipzig, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Apparatus for measuring the color of light. 2,203,036; June 4.
Van Brunt, John, Flushing, assignor to Combustion Engineering Company, Inc., New York, N. Y. Slagging furnace. 2,226,955; Dec. 31.
Van Buren, Charles J., Fort Lauderdale, Fla. Automobile insulation. 2,223,395; Dec. 3.
Van Buren, John, Brooklyn, N. Y. Soap cutting machine. 2,216,525; Oct. 1.
Van Buren, William, and N. Jones, Detroit, Mich. Safety inner tube for automobile tires. 2,189,692; Feb. 6.
Van Buskirk, Lesher W., Easton, Pa. Dipper tooth. 2,213,925; Sept. 3.
Van Buskirk, Robert N., Detroit, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Gear shifting mechanism. 2,212,282; Aug. 20.
Van Buskirk, Roy H. (See McGuire, E. C., Oberdorfer, and Van Buskirk.)
Van Campen, Pieter, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Nonaqueous drilling fluid. 2,217,926; Oct. 15.
Van Campen, Pieter, Oosterbeek, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Nonaqueous drilling fluid. 2,217,927; Oct. 15.
Vance, Arthur W., Haddonfield, N. J., assignor to Radio Corporation of America. Measuring system. 2,190,743; Feb. 20.
Vance, Arthur W., Haddonfield, N. J., assignor to Radio Corporation of America. Cathode ray deflecting system. 2,207,499; July 9.
Vance, Arthur W., Haddonfield, N. J., assignor to Radio Corporation of America. Electrical transmission circuit. 2,224,005; Dec. 3.
Vance, Charles F., Winston-Salem, N. C. Extension table. 2,201,414; May 21.
Vance, Charles F., Winston-Salem, N. C. Extension table. 2,201,415; May 21.
Vance, David C. (See Sanders, L. L., and Street, assignors.)
Vance, Harvey G., St. Louis, Mo. Valve. 2,221,729; Nov. 12.
Vancil, Edgar D. (See Hassman, F. A., and Vancil.)
Vancil, Edgar D., and A. H. Hawley, Sr., assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Broaching machine. 2,203,803; June 11.
Van Cleave, Edwin E., Chicago, Ill. Railway hand brake mechanism. 2,201,656; May 21.
Van Cleave, Edwin E., Chicago, Ill. Handwheel brake operating mechanism. 2,207,500; July 9.
Van Cleave, Edwin E., Chicago, Ill. Housing for railway hand brakes. 2,210,740; Aug. 6.
Van Cleve, Harry, Lititz, and H. R. Graybill, Manheim, assignors to Animal Trap Company of America, Lititz, Pa. Noose supporting device for snaretype traps. 2,216,927; Oct. 8.
Van Daam, Gerrit, Buffalo, N. Y. Heating system for airplanes. 2,187,506; Jan. 16.
Van Damme, Frank L., Grosse Pointe, Mich. Ignition distributor. 2,205,074; June 18.
Van Dartelen, Johannes, Vlissingen, Netherlands, assignor to Deutsche Waffen-und Munitionsfabriken A. G., Berlin-Charlottenburg, Germany. Feeding a continuously uniform quantity of fluids. 2,207,493; July 9.
Vande Bogart, Leonard G., assignor to Crane Co., Chicago, Ill. Paste. 2,219,583; Oct. 29.
Van de Graaff, Robert J., Cambridge, and J. G. Trump, Boston, Mass., assignors to Research Corporation, New York, N. Y. Method of and apparatus for electrostatically generating direct current power. 2,194,839; Mar. 26.
Vandegrift, Middleton, Williamsport, Pa. Expanding vein tube. 2,201,749; May 21.
Van Degrift, Thomas C., assignor to General Motors Corporation, Detroit, Mich. Mass centering machine. 2,219,795; Oct. 29.
Van Deinse, Hendrikus, assignor to Naamlooze Vennootschap Kunstzijdespinnerij Nyma, Nijmegen, Netherlands. Recovering carbon disulphide in the manufacture of artificial silk. 2,196,843; Apr. 9.
Van Delle, Everett E., Malden, Mass. Book rack. 2,210,350; Aug. 6.
Van den Akker, Johannes A., and P. Nolan, assignors to The Institute of Paper Chemistry, Appleton, Wis. Illuminating apparatus. 2,206,521; July 2.
Vandenberg, Paul W. (See Kacena, J., and Vandenberg.)
Van den Bergh, Barend, Ginneken, Netherlands, assignor to American Enka Corporation, Enka, N. C. Thread brake. 2,222,921; Nov. 26.
Van den Bungelaar, Alfred, Amsterdam, Netherlands, assignor to Tube Reducing Corporation, New York, N. Y. Feeding apparatus for pilger mills. 2,192,808; Mar. 5.
Van de Pol, Willem, Arnhem, Netherlands. Forming screens. 2,221,502; Nov. 12.
Vanderberg, Glen C., assignor to Clark Equipment Company, Buchanan, Mich. Differential mechanism. 2,219,025; Oct. 22.
Vanderbilt, Byron M., Roselle Park, N. J., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of alkylamines. 2,219,879; Oct. 29.
Vanderbilt, Byron M., Roselle Park, N. J., assignor to Standard Oil Development Company. Production of secondary aliphatic nitrates. 2,225,893; Dec. 24.
Vanderbilt, R. T., Company. (See Alton, William H., assignor.)
Vanderbilt, R. T., Co. Inc. (See Orthmann, A. C., and Wright, assignors.)
Vanderburgh, Albert H. (See Stuart, J. C. K., and Vanderburgh.)
Vander Clute, William W., Elizabeth, N. J. Price tag molding. 2,190,958; Feb. 20.
Vandercook, Albert E. (See McDonald, Ernest Percy, assignor.)
Van Deren, Larry, Somerton, Ariz. Hydraulic brake coupling. 2,202,070; May 28.
Van der Essen, Louis P., Gloversville, N. Y. Method of and apparatus for producing crinkled silking. 2,203,804; June 11.
Van der Heiden, Gerard W. P., Maastricht, Netherlands. Apparatus for measuring accelerations and retardations. 2,198,278; Apr. 23.
Van Derhoef, Henry E., assignor to Eastman Kodak Company, Rochester, N. Y. Tension control device for a winding apparatus. 2,206,140; July 2.
Van Derhoef, Henry E., assignor to Eastman Kodak Company, Rochester, N. Y. Film casting element. 2,226,186; Dec. 24.
Van Derhoef, Henry E., and A. E. Brooks, assignors to Eastman Kodak Company, Rochester, N. Y. Apparatus for handling strip material. 2,226,187; Dec. 24.
Vanderhoff, Russell E. (See Weber, M. J., and Vanderhoff.)
Vanderhoof, Frank E., Old Greenwich, Conn., assignor of one-half to A. Finch, New York, N. Y., and one-half to F. W. Vanderhoof, Old Greenwich, Conn. Germicidal animal collar. 2,219,569; Oct. 29.
Vanderhoof, Frank W., et al. (See Vanderhoof, Frank E., assignor.)
Van der Jagt, Barend G. H., Flixecourt, France. Forming slivers from coconut fibers. 2,190,744; Feb. 20.
Vanderkelen, Alphonce, Green Bay, Wis. Back rest. 2,186,220; Jan. 9.
Van der Meulen, Marious J. C., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn. Recording sound. 2,224,170; Dec. 10.
Van der Meulen, Peter A., assignor to J. R. Ditmars, New Brunswick, N. J. Coating composition. 2,211,992; Aug. 20.
Vanderploeg, Henry, assignor to Haggard and Marcusson Company, Chicago, Ill. Convertible chaise cot-bed. 2,200,647; May 14.
Vanderploeg, Henry, assignor to Haggard & Marcusson Company, Chicago, Ill. Couch construction. 2,222,052; Nov. 19.
Van der Ploeg, Jelle, Apeldoorn, Netherlands. Supplying reduced pressure steam to heat exchanging apparatus. 2,207,646; July 9.
Van der Pyl, Edward, Holden, assignor to Norton Company, Worcester, Mass. Grinding wheel. 2,189,259; Feb. 6.
Van der Pyl, Edward, Holden, assignor to Norton Company, Worcester, Mass. Lap. 2,226,506; Dec. 24.
Van der Reis, Paul, Sao Paulo, Brazil, assignor to Claire Hartman, Mount Vernon, N. Y. Multicolor fabric printing. 2,210,633; Aug. 6.
Van Derschaegh, Henry E., Chicago, Ill. Revolving fan. 2,213,873; Sept. 3.
Van Der Sluys, William. (See Breer, C., and Van Der Sluys.)
Van Der Sluys, William, assignor to Chrysler Corporation, Highland Park, Mich. Draft means. 2,205,505; June 25.
Van Der Sluys, William, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Railway vehicle. 2,205,506; June 25.
Van Der Sluys, William, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Railway vehicle. 2,208,650; July 23.
Van der Veen, Hendrik. (See Bergmans, J., van Alphen, and van der Veen.)
Van Derveer, Clarence A., and E. J. Beck, Michigan City, Ind., assignors, by mesne assignments, to S. Karpen & Bros. Revolving car seat. 2,200,904; May 14.

Vanderveer, Jewell W., assignor of one-half to E. E. Walker, Erie, Pa. Sanding block. 2,214,515; Sept. 10.

Vanderveld, Anthony, assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Showcase construction. 2,186,278; Jan. 9.

Vanderveld, Anthony, assignor of one-half to Liverance & Van Antwerp, Grand Rapids, Mich. Gearshift mechanism. 2,190,629; Feb. 13.

Vanderveld, Anthony, assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Display case construction. 2,194,104; Mar. 19.

Vanderveld, Anthony, assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Showcase sliding door lock. 2,196,001; Apr. 2.

Vanderveld, Charles F., assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Disappearing door structure. 2,189,233; Feb. 6.

Vander Velde, Elizabeth F., Battle Creek, Mich. Educational device. 2,193,048; Mar. 12.

Van der Ven, Adrianus J. H. (See Rinia, H., and van der Ven.)

Vander Wal, Robert J. (See Ralston, A. W., and Vander Wal.)

Vander Wal, Robert J. (See Ralston, A. W., Vander Wal, and Bauer.)

Vander Wal, Robert J. (See Ralston, A. W., Vander Wal, and Segebrecht.)

Vanderwalker, Joseph E., Victor, Colo. Apparatus for developing and otherwise treating photographic film. 2,212,357; Aug. 20.

Van der Ziel, Aldert, Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. System for amplifying electrical oscillations. 2,212,851; Aug. 27.

Van Deventer, H. R., Inc. (See Shively, John J., and Cudmore, assignors.)

Van Dijck, Willem J. D. (See van Dongen, J. R. J., and van Dijck.)

Van Dijck, Willem J. D., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Solvent extraction of liquid mixtures. 2,201,549; May 21.

Van Dijck, Willem J. D., The Hague, Netherlands. Electric pressure indicator for internal combustion engines. 2,225,381; Dec. 17.

Van Dijck, Willem J. D., The Hague, and A. Schaafsma, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Solvent extraction of liquid mixtures. 2,201,550; May 21.

Van Dijck, Willem J. D., The Hague, and J. J. Broeze, L. A. Peletier, and H. van Driel, Delft, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Detonation suppression system for internal combustion engines. 2,220,558; Nov. 5.

Van Dongen, Jan R. J., Emmastad, Curacao, Dutch West Indies, and W. J. D. van Dijck, The Hague, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Apparatus for contacting vapors and liquids. 2,202,071; May 28.

Van Doorninck, Fred. (See Kent, D. W., and Van Doorninck.)

Van Doren, George L. (See Williams, C. M., and Van Doren.)

Van Doren, Harold S., Hempstead, N. Y. Wrapper with heat-responsive marking. 2,193,439; Mar. 12.

Van Doren, Wilbur E. (See Dresser, W. H., and Van Doren.)

Van Dorn, Herbert E., Chicago, Ill., assignor to The Dornvan Corporation. Tight-lock coupler and control system. 2,206,929; July 9.

Van Dorn, Herbert E., Chicago, Ill., assignor to The Dornvan Corporation. Tight-lock car coupler. 2,209,365; July 30.

Van Dorn, Herbert E., Chicago, Ill., assignor to The Dornvan Corporation. Rigid tight-lock coupler. 2,214,003; Sept. 10.

Van Dorn, Herbert E., assignor to The Dornvan Corporation, Chicago, Ill. Automatic tight-lock coupler. 2,214,036; Sept. 10.

Van Dorn, Herbert E., Chicago, Ill., assignor to The Dornvan Corporation. Drawbar and anchor. 2,220,031; Oct. 29.

Van Dorn, Herbert E., Chicago, Ill., assignor to The Dornvan Corporation. Drawbar carrier. 2,226,485; Dec. 24.

Van Dorn, William E., Pasadena, assignor, by mesne assignments, to Pacific Railway Equipment Company, Los Angeles, Calif. Air circulating system for refrigerator cars and the like. 2,214,210; Sept. 10.

Van Dorn, William E., assignor to Pacific Railway Equipment Company, Los Angeles, Calif. Suspension system for vehicles. 2,217,033; Oct. 8.

Van Dorn, William E., assignor to Pacific Railway Equipment Company, Los Angeles, Calif. Suspension system for vehicles. 2,217,034; Oct. 8.

Van Dorn, William E., Pasadena, and P. K. Beemer, Inglewood, assignors, by mesne assignments, to Pacific Railway Equipment Company, Los Angeles, Calif. Suspension system for vehicles. 2,225,242; Dec. 17.

Van Driel, Hendrik. (See van Dijck, W. J. D., Broeze, Peletier, and van Driel.)

Van Dusen, Charles A., San Diego, Calif. Shear machine. 2,222,095; Nov. 19.

Van Dusen, George C., Jr., Excelsior, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Switching mechanism. 2,188,635; Jan. 30.

Van Duuren, Hendrik C. A. (See Bakker, A., and van Duuren.)

Van Duyne, Carlton W. (See Duguid, J. M., Ross, and Van Duyne.)

Van Duzee, Edward M. (See Moyle, C. L., and Van Duzee.)

Van Dyke, Harold J. (See Van Dyke, Henry, and H. J.)

Van Dyke, Henry, and H. J. Van Dyke, Forest Grove, Oreg. Grain cleaner. 2,212,722; Aug. 27.

Van Dyke, Henry A., assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,194,533; Mar. 26.

Van Dyke, Russel H. (See McNally, J. G., and Van Dyke.)

Van Dyke, William D., Riverton, N. J., assignor to Radio Corporation of America. Reelable antenna system and apparatus for aircraft. 2,210,389; Aug. 6.

Vane, Augustus S., Irvington, assignor to Bakelite Building Products Co., Inc., New York, N. Y. Method and apparatus for feeding and distributing sludgy materials. 2,209,366; July 30.

Van Eldik, Pieter F., Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Adapter for low-frequency amplifiers. 2,194,534; Mar. 26.

Van Es, Adriaan C., Huizen, assignor of one-half to N. V. Maatschappij voor Zwavelzuurbereiding Voorheen G. T. Ketjen & Co., Amsterdam, Netherlands. Extracting ores and the like. Re. 21,335; Jan. 23.

Vanetta, Edward A., Euclid, Ohio. Propeller. 2,196,819; Apr. 9.

Vang, Alfred, et al. (See Weinhardt, Robert A., assignor.)

Van Gorden, Clyde S., Eau Claire, Wis. Boat construction. 2,193,892; Mar. 19.

Van Gorden, Le Roy C., Franklinville, assignor to Kimble Glass Company, Vineland, N. J. Bar holder clip. 2,196,571; Apr. 9.

Van Gundy, Morris C., Houston, Tex., and G. Kaufman, and W. B. Hendrey, Beacon, assignors to The Texas Company, New York, N. Y. Driving journal lubricant. 2,198,567; Apr. 23.

Van Halteren, Andrew S., assignor to Motor Wheel Corporation, Lansing, Mich. Brake drum. 2,185,875; Jan. 2.

Van Halteren, Andrew S., and J. A. Watson, assignors to Motor Wheel Corporation, Lansing, Mich. Making brake drums. 2,213,829; Sept. 3.

Van Ham, Harry L., West Roxbury, Mass. Mute for violins. 2,198,297; Apr. 23.

Van Hamersveld, John J. N. (See Lange, M. E., and Van Hamersveld, assignors.)

Van Hamersveld, John J. N., Cleveland Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,189,482; Feb. 6.

Van Hamersveld, John J. N., Cleveland Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,224,887; Dec. 17.

Van Hoesen, Frank E., Chicago, Ill., assignor to Transportation Seat Company, Mansfield, Ohio. Revolvable car seat construction. 2,201,839; May 21.

Van Hook, Charles F., Paterson, N. J. Planetary stranding machine. 2,208,914; July 23.

Van Hoose, Gordon W. (See Grounds, F. A., and Van Hoose.)

Van Horn, Harrison, Mount Vernon, N. Y. Candle lighter and extinguisher. 2,191,302; Feb. 20.

Van Houten, Stephen T., et al. (See Lowe, E. A., and Hamilton, assignors.)

Van Hulst, Jan, Amsterdam, Netherlands, assignor to The Patent and Licensing Corporation, Boston, Mass. Fixing and impermeabilizing soil masses. 2,190,003; Feb. 13.

Van Hulst, Jan, Amsterdam, Netherlands, assignor to The Patent and Licensing Corporation, New York, N. Y. Solidifying earth. 2,201,459; May 21.

Van Ingen Schenau, Bernardus W., Eindhoven, Netherlands, assignor, by mesne asignments, to Radio Corporation of America, New York, N. Y. Variable selectivity circuits. 2,196,276; Apr. 9.

Vanity Fair Silk Mills. (See Herb, L. B., and Scheer, assignors.)

Vanity Fair Silk Mills. (See Shelton, Claude, assignor.)

Vanity Fair Silk Mills. (See Weber, Carl E., assignor.)

Van Keuren, Herbert, and A. C. Wilkins, Kingstree, S. C. Automatic drain device. 2,214,844; Sept. 17.

Van Krevelen, Dirk W. (See Waterman, H. I., Hessels, and van Krevelen.)

Van Laer, Jan A., Yonkers, N. Y., assignor to American Enka Corporation, Enka, N. C. Rayon for reinforcing rubber products. 2,217,826; Oct. 15.

Van Leer, Jacques O., Wassenaar, Netherlands, Method and device for the manufacturing of sound films. 2,186,157; Jan. 9.

Van Leeuwen, Gerrit H., Amsterdam, Netherlands. Impermeabilizing, tightening, or consolidating grounds and other earthy and stony masses and structures. 2,197,843; Apr. 23.

Van Liempt, Johannes A. M., Eindhoven, Netherlands, assignor to General Electric Company. Electric incandescent lamp. 2,191,331; Feb. 20.

Van Loon, Carel J., Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Tuning circuits. 2,189,050; Feb. 6.

Van Loon, Carel J., Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Delayed automatic volume control circuits. 2,200,049; May 7.

Van Loon, Carel J., Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio receiving tuning mechanism. 2,226,751; Dec. 31.

Van Melsen, Johannes A. (See van Peski, A. J., and van Melsen.)

Van Melsen, Johannes A., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Production of nitrogen-containing alpha beta-unsaturated ketones. 2,198,260; Apr. 23.

Van Meter, Samuel T., Eldorado, Kans. Fowl holder. 2,188,024; Jan. 23.

Van Mierlo, Stanislas. (See Bruzau, M. E. A., Van Mierlo, and Bour.)

Van Mierlo, Stanislas, Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. High frequency transmission system. 2,223,082; Nov. 26.

Van Nelsen, Johannes A., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Stabilization of metal organic compounds. 2,203,374; June 4.

Vanneman, Daniel R. (See Zerk, O. U., and Vanneman.)

Van Nes, Wilhelm, Brandenburg, assignor to Arado Flugzeugwerke Gesellschaft mit beschrankter Haftung, Brandenburg (Havel), Germany. Safety control for aircraft. 2,205,610; June 25.

Van Nes, Wilhelm, assignor to Arado Flugzeugwerke Gesellschaft mit beschrankter Haftung, Brandenburg, Germany. Control of the engines of multi-engine aircraft. 2,223,708; Dec. 3.

Van Ness, Cornelius, New Canaan, Conn. Utensil. 2,218,367; Oct. 15.

Van Ness, Henry E. (See MacBlane, James, assignor.)

Van Ness, Russell T. (See McKeon, T. J., Pyle, and Van Ness.)

Van Nessen, Walter, and F. Lemle, New York, N. Y., assignors to F. J. Mallet, Philadelphia, Pa. Moistening and strip serving device. 2,204,977; June 18.

Van Nest, Arden L. (See Joseph, J. W., and Van Nest.)

Van Nest, Francis H., Saugus, Mass., assignor to General Electric Company. Pressure responsive device. 2,223,976; Dec. 3.

Van Niekerk, Johannes. (See Boer, A. G., van Niekerk, Reerink, and van Wijk.)

Van Norden, Peter J. (See McKinley, D. R., and Van Norden.)

Van Norman Machine Tool Company. (See Healy, Francis P., assignor.)

Van Norman Machine Tool Company. (See Marsilius, Newman M., assignor.)

Van Nostrand, James S., et al. (See Reeding, Harry B., assignor.)

Vannucci, Pilade L., San Jose, Calif. Can handler. 2,197,389; Apr. 16.

Vano, John, Chicago, Ill. Automatic mail dispatch and pickup. 2,194,157; Mar. 19.

Vanoenacker, Paul J. A., Jemappes, Belgium. Strainer for vegetables and fruits. 2,188,195; Jan. 23.

Van Overbeek, Adrianus J. W. M. (See Jonker, J. L. H., and Van Overbeek.)

Van Overbeek, Adrianus J. W. M., Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,225,325; Dec. 17.

Van Patten, Edith, Stockton, Calif. Portable make-up mirror. 2,201,251; May 21.

Van Pelt, John E., Maywood, N. J. Hat holder. 2,189,538; Feb. 6.

Van Peski, Adrianus J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Nitrogen-containing organic compounds and their preparation. 2,196,447; Apr. 9.

Van Peski, Adrianus J., and J. M. Hoeffelman, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Production of sulphonium sulphonates. 2,185,654; Jan. 2.

Van Peski, Adrianus J., and J. A. van Melsen, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Lubricant. 2,199,944; May 7.

Van Peski, Adrianus J., and J. M. Hoeffelman, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Process and products relating to capillary-active sulphonium sulphates. 2,204,976; June 18.

Van Peski, Adrianus J., and H. F. J. Lorang, Amsterdam, Netherlands, assignors, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Isomerization of olefins. 2,220,693; Nov. 5.

Van Raalte, Martin, St. Louis, Mo. Vehicular brake. 2,190,052; Feb. 13.

Van Ranst, Cornelius W., Detroit, Mich. Locking check arm. 2,225,725; Dec. 24.

Van Ranst, Cornelius W., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,201,252; May 21.

Van Rensen, Jacob. (See Sanders, T. P. W., and van Rensen.)

Van Roggen, Mathieu. (See Robin, L., and Van Roggen.)

Van Sant, Robert H., Washington, D. C., assignor, by mesne assignments, to American Chlorophyll, Inc. Treating an alcoholic beverage. 2,195,662; Apr. 2.

Vansant, W. R. (See Little, Edward H., assignor.)

Van Schaick, Frank C., San Francisco, Calif., assignor to Mergenthaler Linotype Company. Typographical slug casting machine. 2,195,138; Mar. 26.

Van Scharrel, Johann, Lake Wilson, Minn. Hydraulic power plant. 2,222,790; Nov. 26.

Van Schoick, Elmer H., Ottawa, assignor to Chicago Retort Fire Brick Company, Chicago, Ill. Firebrick and making same. 2,219,606; Oct. 29.

Van Sciver, Hugh R. (See Andersen, L., Fredrickson, Newman, van Sciver and Zinkil.)

Van Sciver, Hugh R. (See Frederickson, E. A., Andersen, Van Sciver, and Zinkil.)

Van Scoyoc, Albert J., Orange, N. J. Collapsible dispensing tube. 2,207,563; July 9.

Van Sickle, Frank B. (See Brown, C. A., and Van Sickle.)

Van Sittert, Paul, Cleveland Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Portable tool. 2,224,708; Dec. 10.

Van Sittert, Paul, Cleveland Heights, and L. G. Speth, assignors to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Fluid actuated tool. 2,212,332; Aug. 20.

Van Slooten, Jacob, Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Oscillation generation. 2,205,233; June 18.

Van Steenis, Otto L., Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electric discharge tube. 2,224,324; Dec. 10.

Van Stone, Clifford E., and A. E. Johnson, Taft, Calif. Hydrostatic bailer. 2,191,223; Feb. 20.

Vanstory, William J., Booneville, Miss. Cloth cutter. 2,210,136; Aug. 6.

Van Syckle, Cecil E., Rocky River, Ohio. Material handling device. 2,215,844; Sept. 24.

Vantassel, Harry C., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,198,712; Apr. 30.

Vantine, Warren K. (See White, Raeburn, assignor.)

Van Tongeren, Chester, Holland, Mich. Toy. 2,198,235; Apr. 23.

Van Tongeren, Hermannus, Heemstede, Netherlands. Dust collecting plant. 2,205,966; June 25.

Van Tongeren, Hermannus, Heemstede, Netherlands. Coal fired water tube boiler. 2,225,808; Dec. 24.

Van Triest, William, Pittsburgh, Pa. Starting rod feeder for torches. 2,221,825; Nov. 19.

Van Triest, William, Pittsburgh, Pa. Automatic fuel control for scarfing torches and the like. 2,224,171; Dec. 10.

Van Tuyl, Sidney E. (See Jennings, O. D., Van Tuyl, and Mihalek.)

Van Tuyl, Sidney E., Berwyn, assignor to Claude R. Kirk, River Forest, Ill. Vending machine. 2,215,024; Sept. 17.

Van Tuyl, Sidney E., Berwyn, E. Mihalek, and C. Szyper, assignors to O. D. Jennings and Company, Chicago, Ill. Coin release mechanism. 2,223,052; Nov. 26.

Van Tyen, Bernhard J., Grafenbuck, Schaffhausen, Switzerland. Process and device for influencing the roots of the hair by means of chemical substances. 2,194,173; Mar. 19.

Van Uum, John H., Lakewood, Ohio. Spring clip device. 2,193,951; Mar. 19.

Van Uum, John H., Lakewood, Ohio. Spring clip device. 2,201,509; May 21.

Van Uum, John H., Lakewood, Ohio. Spring clip device. 2,214,150; Sept. 10.

Van Uum, John H., Lakewood, Ohio. Spring clip device. 2,215,656; Sept. 24.

Van Uum, John H., Lakewood, Ohio. Spring clip device. 2,221,009; Nov. 12.

Van Vactor, David, administrator. (See Van Vactor, David E.)

Van Vactor, David E., deceased, Evanston, Ill.; D. van Vactor, administrator. Aircraft. 2,194,060; Mar. 19.

Van Valkenburg, Fred S. (See Walsh, R. E., Van Valkenburg, and Pierson.)

Van Valkenburg, Hermon L., Wauwatosa, Wis., assignor to Square D Company, Detroit, Mich. Electric switch. 2,190,299; Feb. 13.

Van Valkenburg, Hermon L., Wauwatosa, Wis., assignor to Square D Company, Detroit, Mich. Timing relay. 2,203,585; June 4.

Van Valkenburg, Hermon L., Wauwatosa, Wis., assignor to Square D Company, Detroit, Mich. Electrical relay housing. 2,224,239; Dec. 10.

Van Veen, Anton, West Hartford, Conn., assignor to American Machine & Foundry Company. Expansion chamber construction. 2,191,303; Feb. 20.

Van Veen, George C., Chicago, Ill., assignor to The Pharis Tire & Rubber Company, Newark, Ohio. Educational display device. 2,190,898; Feb. 20.

Van Vestraut, Geoffrey, and F. G. Parnell, assignors to Automotive Products Company Limited, London, England. Master cylinder for hydraulic brake systems. 2,194,816; Mar. 26.

Van Vlaanderen Machine Company. (See Lane, George W., assignor.)
Van Vleck, Horace R., Upper Montclair, N. J. Tractor trailer power transmitting means. 2,193,893; Mar. 19.
Van Vliet, John, Chicago, Ill. Air conditioning device. 2,221,010; Nov. 12.
Van Vlodrop, Cornelus. (See Waterman, H. I., and Van Vlodrop.)
Van Voorhees, Harold E., Detroit, Mich., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Hinge. 2,200,311; May 14.
Van Voorhees, Harold E., Detroit, Mich., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Hinge. 2,200,312; May 14.
Van Voorhis, George S., Northampton, assignor to United Elastic Corporation, Easthampton, Mass. Rubber thread and making same. 2,203,622; June 4.
Van Voorhis, George S., assignor to United Elastic Corporation, Easthampton, Mass. Garter and making same. 2,224,036; Dec. 3.
Van Voorhis, William G. (See Hollmann, H., Van Voorhis, and Crabiel.)
Van Voorhis, William G., Findlay, Ohio, and C. A. Crabiel, North Baltimore, Md., assignors to The Buckeye Traction Ditcher Company, Findlay, Ohio. Ballast cleaning machine. 2,196,880; Apr. 9.
Van Vulpen, John, Chicago, and L. H. Gillick, Evanston, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Hot wash water system. 2,224,240; Dec. 10.
Van Waveren, Theodorus, Hillegom, Netherlands. Aircraft. 2,198,893; Apr. 30.
Van Weel, Adelbert. (See Tellegen, B. D. H., and van Weel.)
Van Werd, Johannes, H. F. (See Bergmans, J., Lamberts, and van Werd.)
Van Wijk, Aart. (See Boer, A. G., van Niekerk, Reerink, and van Wijk.)
Van Wijk, Willem R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Extraction of olefins. 2,205,996; June 25.
Van Winter, Carl B. (See Smith, G. H., and Van Winter.)
Van Wirt, Alfred E., assignor to Imperial Paper and Color Corporation, Glens Falls, N. Y. Rotary extractor. 2,199,928; May 7.
Van Wirt, Alfred E., assignor to Imperial Paper and Color Corporation, Glens Falls, N. Y. Manufacture of soluble alkali chromates. 2,199,929; May 7.
Van Yzeren, Ewoud A., Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Coupled coil system. 2,215,803; Sept. 24.
Van Zeeland, Bernard and L., Kaukauna, Wis. Farm wagon. 2,190,300; Feb. 13.
Van Zeeland, Joseph W., Kimberly, Wis. Attachment for trowels. 2,190,811; Feb. 20.
Van Zeeland, Leonard. (See Van Zeeland, Bernard and L.)
Van Zoeren, Gerrit J., Holland, Mich. Manufacture of secondary aryl substituted alkyl ketones. 2,225,671; Dec. 24.
Vapor Car Heating Company. (See Clarkson, Alick, assignor.)
Vapor Car Heating Company. (See Russell, Edward A., assignor.)
Vapor Car Heating Company. (See Russell, E. A., and Yindrock, assignors.)
Vapor Car Heating Company. (See Van Vulpen, J., and Gillick, assignors.)
Vapor Car Heating Company. (See Vulpen, J. V., and Parks, assignors.)
Vard Mechanical Laboratory. (See Wallace, Vard B., assignor.)
Varell, Anna D., New York, N. Y. Hair protecting headband. 2,211,184; Aug. 13.
Vargha, László. (See Geiger, E., Vargha, and Richter.)
Vargha, László, assignor to G. Richter, Budapest, Hungary. Bismuth *a* ethyl-n-caproate and making it. 2,198,357; Apr. 23.
Variable Speed Gear Limited, The. (See Ingoldby, Maurice K., assignor.)
Varian, Russell H. (See Hansen, W. H., and Varian.)
Varian, Russell H., Stanford University, Calif. Metallic reduction process. 2,201,460; May 21.
Varkett, Carmen K. (See Skrjanc, R., and Varkett.)
Varley Sound Film System Limited. (See Harper, Martin, assignor.)
Varley, Thomas W., Westerleigh, Staten Island, N. Y., assignor to H. A. Richards, Stamford, Conn., Announcing system. 2,200,461; May 14.
Varley, Thomas W., Staten Island, N. Y., assignor to H. A. Richards, Stamford, Conn. Microphone system. 2,200,462; May 14.
Varon, Samuel A., assignor to Reflector Hardware Corporation, Chicago, Ill. Ticket holder. 2,206,522; July 2.
Varteressian, Kegham A. (See Cannon, M. R., and Varteressian.)
Varteressian, Kegham A., State College, Pa. Treating mineral oils. 2,214,443; Sept. 10.
Varteressian, Kegham A., State College, Pa. Treating mineral oils. 2,214,444; Sept. 10.
Vasard, Richard, Tallinn, Estonia. Percussion tool. 2,211,993; Aug. 20.
Vasarhely, Frank, Cleveland, Ohio. Vehicle direction signal. 2,191,001; Feb. 20.
Vasen, Kurt, Evanston, Ill. Protective covering. 2,215,340; Sept. 17.
Vassar Company. (See Rutledge, George E., assignor.)
Vassos, John. (See Curtiss, A. N., and Vassos.)
Vatava, Joseph T., Cleveland, Ohio. Electric fuse. 2,206,794; July 2.
Vater, Andrew A., Art, and C. J. Vater, Mason, Tex. Apparatus for weighing livestock. 2,204,389; June 11.
Vater, Christian J. (See Vater, Andrew A. and C. J.)
Vau, Jean-Baptiste P., Saint-Ouen, France. Automatic servo braking for motor vehicles. 2,196,346; Apr. 9.
Vau, Jean Paptiste P., Saint-Ouen, France. Brake-control device for motor vehicles. 2,207,041; July 9.
Vaughan, Amanda. (See Perras, Juliette, assignor.)
Vaughan, Berkeley S., assignor to L. Wheeler, Geneva, Ill. Leaf holding device. 2,196,483; Apr. 9.
Vaughan, Frank P. (See Krueger, A. G., Vaughan, Slye, and Engel.)
Vaughan, Frank P., A. G. Krueger, and N. J. Slye, assignors to Bay West Paper Company, Green Bay, Wis. Dispensing cabinet for rolled paper strips. 2,219,570; Oct. 29.
Vaughan, Harold R., Richmond Heights, Mo., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Out-of-step blocking relay. 2,210,693; Aug. 6.
Vaughan, John E., assignor to Prime Manufacturing Company, Milwaukee, Wis. Electric fence. 2,198,358; Apr. 23.
Vaughan, John E., assignor to The Prime Manufacturing Company, Milwaukee, Wis. Electric fence. 2,199,058; Apr. 30.
Vaughan, Leonce, Jr., Hartsville, S. C. Liberating paper fibers. 2,209,952; Aug. 6.
Vaughan Motor Co. (See Weiss, Samuel, assignor.)
Vaughan Novelty Mfg. Co. Inc. (See Fender, Ferdinand E., assignor.)
Vaughan, Paschal L., Kinsburg, Calif. Holder. 2,219,969; Oct. 29.
Vaughan, Thomas M., Tampa, Fla. Shipping crate. 2,186,743; Jan. 9.
Vaughan, Victor G., and J. D. Bolesky, assignors to Metals & Controls Corporation, Attleboro, Mass. Protective motor starting switch. 2,207,422; July 9.
Vaughan, William, et al. (See Bragg, Dillon C., assignor.)
Vaughan, William. (See Brown, A. E., and Vaughan.)
Vaughan, William, Mount Holly, N. J., assignor to The Permutit Company, New York, N. Y. Conditioning water. 2,190,853; Feb. 20.
Vaughan, William H., Palestine, Tex., assignor to Tide Water Associated Oil Company, Tulsa, Okla., and Seaboard Oil Company of Delaware, Dallas, Tex. High pressure gas process. 2,198,098; Apr. 23.
Vaughen, John V. (See Henke, C. O., and Vaughen.)
Vaughen, John V., Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition and process for making leather. 2,195,715; Apr. 2.
Vaughn, Everett H., St. Louis, Mo. Corrective pad for shoes. 2,193,704; Mar. 12.
Vaughn, Harold G., assignor to The Ohio Corrugating Company, Warren, Ohio. Tool. 2,213,971; Sept. 10.
Vaughn, Leonard E., assignor to Patco, Inc., Los Angeles, Calif. Pipe tongs. Re. 21,354; Feb. 13.
Vaughn Machinery Company, The. (See Nye, Norman H., assignor.)
Vaughn, Sidney P., U. S. Navy, Ackerman, Miss. Cleaning device. 2,186,050; Jan. 9.
Vaughn, Sidney P., United States Navy, Ackerman, Miss. Cleaning device. 2,210,967; Aug. 13.
Vaughn, Thomas H. (See Jackson, D. R., and Vaughn.)
Vaughn, Thomas H. (See Lytle, A. R., and Vaughn.)
Vaughn, Thomas H., Niagara Falls, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Vapor phase dehydration of acetylenic alcohols. 2,197,956; Apr. 23.
Vaughn, Thomas H., Niagara Falls, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Preparation of dialkyl acetylenes. 2,198,236; Apr. 23.
Vaughn, Thomas H., and A. R. Lytle, Niagara Falls, and J. M. Gaines, Jr., Buffalo, N. Y., assignors to Union Carbide and Carbon Research Laboratories, Inc. Dispensing volatile welding flux. 2,194,920; Mar. 26.
Vaughn, Thomas H., and A. R. Lytle, Niagara Falls, N. Y., assignors to Union Carbide and Carbon Research Laboratories, Inc. Utilization of volatile fluxes in welding operations. 2,211,448; Aug. 13.
Vaupel, Henry. (See Rodefer, H. H., and Vaupel.)
Vawne Foundations, Inc. (See Kennedy, Edward C., assignor.)
Vea, Norman D., Dover, Ohio, assignor to Knapp-Monarch Company, St. Louis, Mo. Sadiron assembly. 2,207,673; July 9.
Veatch, Collins, La Grange, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Chocolate coating and making same. 2,188,489; Jan. 30.
Veatch, Collins, La Grange, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Greaseproof zein compound. 2,194,337; Mar. 19.

Veatch, Francis M., Kansas City, Mo. Liquid sewage distributor. 2,207,136; July 9.
Veazey, Marion H., Rutherford, N. J., assignor to The Patent and Licensing Corporation, New York, N. Y. Artificially colored granules and producing same. 2,215,600; Sept. 24.
Vecchia, John D., Amsterdam, N. Y. Fish lure. 2,215,772; Sept. 24.
Veccia, James, St. Albans, assignor to Kennerly Press, Inc., New York, N. Y. Display standard. 2,187,870; Jan. 23.
Vedder, Edwin H. (See Stoddard, R. N., and Vedder.)
Vedee Corporation. (See von Delden, Florenz J., assignor.)
Vedoe, Anton M., Wollaston, Mass. Faucet. 2,202,971; June 4.
Veeck, Max, West Manayunk, Pa. Mop. 2,212,172; Aug. 20.
Veeder, Edwin J., Hillsdale, Mich. Detachable handle. 2,208,741; July 23.
Veeder, Nicholas P., St. Louis, Mo., assignor to Granite City Steel Company, Granite City, Ill. Spot-testing of coating metals. 2,192,248; Mar. 5.
Veeder-Root Incorporated. (See Bliss, Harvey N., assignor.)
Veeder-Root, Incorporated. (See Chaplin, John H., assignor.)
Veeder-Root Incorporated. (See Grizey, George J., assignor.)
Veeder-Root Incorporated. (See Hoye, J. B., and Slye, assignors.)
Veeder-Root Incorporated. (See Rossberg, Charles A., assignor.)
Veeder-Root Incorporated. (See Slye, Edward A., assignor.)
Veeder-Root Incorporated. (See Tancred, William L., assignor.)
Veeder-Root Incorporated. (See Wild, Edward, assignor.)
Veenemans, Cornelis F., Eindhoven, Netherlands, assignor by mesne assignments, to Radio Corporation of America, New York, N. Y. Emission suppression means. 2,213,558; Sept. 3.
Veenschoten, Vincent V., assignor to Northern Equipment Company, Erie, Pa. Motion transmitter. 2,185,449; Jan. 2.
Vega, Paul E., assignor to The Associated Press, New York, N. Y. Ribbon inking device. 2,203,757; June 11.
Vegdahl, Hilmar, New London, Minn. Automobile signal. 2,193,952; Mar. 19.
Vegetable Oils Specialty Corporation. (See Seuberling, Martin J., assignor.)
Vehicular Parking, Ltd. (See Toce, C. A., Broussard, and Woodruff, assignors.)
Vehicular Parking, Ltd. (See Woodruff, W. N., and Seeburg, assignors.)
Velasco, Arsenio R., and W. Wyllie, Talisay, Occidental Negros, P. I. Save-all. 2,191,052; Feb. 20.
Velie, Odell, assignor to Bellingham Iron Works, Inc., South Bellingham, Wash. Door locking mechanism. 2,199,765; May 7.
Vello, Leopoldo S., Saint Cloud, France, assignor to Naamlooze Vannootschap Maatschappij tot Beheer en Exploitatie van Octrooien, The Hague, Netherlands. Production of fibers from glass, slag, and the like meltable materials. 2,194,727; Mar. 26.
Velo, Anthony C., Biexedon, N. Y., assignor to Differential Wheel Corporation. Dual wheel drive and brake mechanism. 2,222,695; Nov. 26.
Velos, James N., Youngstown, Ohio. Dough press. 2,206,861; July 9.
Velsicol Corporation. (See Hyman, Julius, assignor.)
Velten, Hubert J. (See Ziebolz, H., and Velten.)
Venable, Emerson, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Treating asbestos. 2,201,840; May 21.
Venable, William H., assignor to Blaw-Knox Company, Pittsburgh, Pa. Material-feeding apparatus and method. 2,205,324; June 18.
Venable, William M., Pittsburgh, assignor to Blaw-Knox Company, Blawnox, Pa. Clamshell bucket. 2,205,325; June 18.
Venable, William M., assignor to Blaw Knox Company, Pittsburgh, Pa. Paving apparatus. 2,214,093; Sept. 10.
Venditty, Anthony, Detroit, Mich., assignor to Thompson Products Incorporated, Cleveland, Ohio. Ball joint. 2,202,276; May 28.
Venetta, John, Warren, Ohio. Color light projecting machine. 2,211,677; Aug. 13.
Venner, William M. (See Flammang, J., P. L. Bowser, Venner, and P. L. Bowser, Jr.)
Venning, Charles F. D., and E. W. Challis, London, England, assignors, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Traffic controlling system for railways and the like. 2,220,744; Nov. 5.
Ventimiglia, Harry, Chicago, Ill. Crease locating device. 2,215,059; Sept. 17.
Ventura, Simon. (See Casali, J., and Ventura.)
Veracol Film Syndicate Limited, The. (See Murray, H. D., and Spencer, assignors.)
Verbeek, Arnold. (See Dietrich, G. H., Verbeek, and Eissner.)
Verbeek, Arnold, Wustenbrand in Saxony, Germany, assignor to Kalio, Inc., New York, N. Y. Needle bar for flat knitting machines. 2,215,090; Sept. 17.
Verbeek, Arnold, Wustenbrand in Saxony, and E. Eissner, Chemnitz, Germany, assignors to Kalio, Inc., New York, N. Y. Production of stockings with French heel and French foot. 2,215,089; Sept. 17.
Verbeek, Arnold F., Oberlungwitz, Germany. Flat knitting machine and sinkers therefor. 2,195,907; Apr. 2.
Verbeek, Arnold F., Wustenbrand, Germany, assignor to Kalio, Inc., New York, N. Y. Knitting machine. 2,196,237; Apr. 9.
Verbeek, Henri P. J., Voorburg, and B. D. H. Tellegen, Eindhoven, Netherlands, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Amplifier circuit. 2,202,361; May 28.
Verburg, Cornelis. (See Uyterhoeven, W., Verburg, Schouwstra, and Mutsaers.)
Verbury, Inc. (See Gerber, William L., Jr., assignor.)
Verdier, George O. (See Verdier, John L. and G. O.)
Verdier, John L. and G. O., Sidney, Ohio. Rotary extractor. 2,224,241; Dec. 10.
Verdon-Roe, Alliott, Southampton, assignor to Aviation Developments Limited, London, England. Device for clamping together pieces of sheet material to facilitate riveting and the like operations. 2,188,450; Jan. 30.
Vereinigte Aluminum-Werke Aktiengesellschaft. (See Wiedbrauck, E., and Ginsberg, assignors.)
Vereinigte Deutsche Metallwerke Aktiengesellschaft. (See Vaders, Eugen, assignor.)
Vereinigte Faerbereien und Appretur Aktien Gesellschaft. (See Bünzli, Karl, assignor.)
Vereinigte Kugellagerfabriken A. G. Schweinfort. (See Stahlecker, Wilhelm, assignor.)
Vereinigte Spielwarenfabriken Andreas Fortnèr & J. Haffner's Nachf. (See Beyer, E., and Fischer, assignors.)
Vergan, William E., Denison, Tex., assignor to The New York Air Brake Company. Air brake. 2,211,529; Aug. 13.
Vergara, Jose R., Jr., Barranquilla, Colombia. Control mechanism for motor vehicles. 2,197,671; Apr. 16.
Verhagen, Christian M. (See Larson, C. H., Mohun, and Verhagen.)
Verheij, Hendrik, Rotterdam, Netherlands. Machine for making loaves. 2,195,346; Mar. 26.
Verhey, William, Grand Rapids, Mich., assignor, by mesne assignments, to J. F. Neary, Jr., Englewood, N. J. Making plywood shells. 2,223,587; Dec. 3.
Verhoeff, Adrianus, Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. X-ray tube. 2,222,549; Nov. 19.
Verity, Ben, Fall River, Mass., assignor to the firm Durand & Huguenin A. G., Basel, Switzerland. Production of dyeings and prints on textile material. 2,224,280; Dec. 10.
Vermöhlen, Martin, Aachen, Germany. Liquid level gauge. 2,194,625; Mar. 26.
Vernam, Gilbert S., Hackensack, N. J., assignor to Postal Telegraph-Cable Company (New York), New York, N. Y. Telegraph repeater. 2,186,741; Jan. 9.
Vernam, Gilbert S., Hackensack, N. J., and R. S. Wishart, Rockville Centre, assignors to Postal Telegraph-Cable Company (New York), New York, N. Y. Signaling system. 2,190,301; Feb. 13.
Vernay Patents Company. (See Vernet, Sergius, assignor.)
Vernet, Sergius, assignor to Vernay Patents Company, Yellow Springs, Ohio. Control means. 2,208,149; July 16.
Vernon, George R., Chicago, Ill., assignor to Bendix Radio Corporation. Casing and connector assembly for an electrical unit. 2,209,213; July 23.
Vernon, Joseph H., Philadelphia, Pa. Supporting cameras on vehicles. 2,214,516; Sept. 10.
Vernon Potteries, Ltd. (See Schreiber, Armin L., assignor.)
Vernon Tool Co. (See Miller, Eli A., assignor.)
Ver Planck, Dennistoun W., New Haven, Conn., and E. H. Brink, Drexel Hill, Pa., assignors to General Electric Company. Resin-containing composite structure. 2,222,729; Nov. 26.
Verplanck, Philip, Akron, Ohio. Switching system. 2,211,220; Aug. 13.
Verrill, Charles W., Maywood, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Insulator. 2,216,464; Oct. 1.
Verse, Hansheinrich, Brunswick, Germany, assignor to General Electric Company. Arangement for extinguishing electric arcs. 2,196,820; Apr. 9.
Verse, Hansheinrich, Brunswick, Germany, assignor to General Electric Company. Electric valve converting system. 2,201,873; May 21.
Versoy, Irving R., assignor to The Berger Brothers Company, New Haven, Conn. Front fastening means for corsets. 2,205,771; June 25.
Versoy, Irving R., assignor to The Berger Brothers Company, New Haven, Conn. Corset or like garment. 2,219,153; Oct. 22.
Verwys, Andrew J., Oswego, assignor to St. Regis Paper Company, New York, N. Y. Adapter for valve bags. 2,189,847; Feb. 13.
Verzera, James. (See Makarius, T., and Verzera.)

Vesely, Vincent M., Lovington, N. Mex., assignor to C. O. Bailer Company, Inc. Bailer bottom element. 2,217,147; Oct. 8.
Vespoli, Aniello H., assignor to Kinetor (Development) Limited, London, England. Eccentric mechanism. 2,206,340; July 2.
Vesta Underwear Company. (See Sheridan, Edward A., assignor.)
Vesterdal, Hans G., Elizabeth, N. J., assignor to Standard Oil Development Company. Refining lubricating oil distillates. 2,216,968; Oct. 8.
Vestergren, Harry E. M., assignor to G. Sylvan, Stockholm, Sweden. Television plant. 2,215,365; Sept. 17.
Veszi, Gábor, Budapest, Hungary, assignor, by mesne assignments, to General Electric Company. Producing incandescent lamp cores or bases. 2,225,726; Dec. 24.
Vetorino, Frank, Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Work support for welding apparatus. 2,206,439; July 2.
Vetter, Herman, Los Angeles, Calif. Ice rink construction. 2,217,083; Oct. 8.
Viall, George K., assignor to Chain Belt Company, Milwaukee, Wis. Water supply mechanism for concrete mixer drums. 2,226,104; Dec. 24.
Viaud, Pierre, assignor to Societe Des Usines Chimiques Rhone-Poulenc, Paris, France. Esters of amino alcohols and producing them. 2,219,796; Oct. 29.
Viber Company. (See Jorgensen, Enoch B., assignor.)
Vibroplex Co., The. (See La Hiff, John A., assignor.)
Viceroy Manufacturing Company Limited. (See Crowell, Orby B., assignor.)
Vick, Adrian D., Washington, D. C. Grip exerciser. 2,205,161; June 18.
Vickers, Archie P., St. Paul, Minn. Dental casting machine. 2,202,473; May 28.
Vickers, Harry F., assignor to Vickers, Incorporated, Detroit, Mich. Antikickback device. 2,197,819; Apr. 23.
Vickers, Harry F., assignor to Vickers, Incorporated, Detroit, Mich. Compound positive displacement pump circuit. 2,218,565; Oct. 22.
Vickers, Harry F., assignor to Vickers, Incorporated, Detroit, Mich. Variable speed transmission. 2,224,710; Dec. 10.
Vickers, Harry F., Detroit, Mich., and N. B. Frost, Washington, D. C. Apparatus for controlling the movement of heavy masses. 2,189,823; Feb. 13.
Vickers, Harry F., Washington, D. C., and J. R. Moser and J. A. Martin, assignors to Vickers Incorporated, Detroit, Mich. Multiple conduit joint. 2,195,547; Apr. 2.
Vickers, Incorporated. (See Harrington, Ferris T., assignor.)
Vickers Incorporated. (See Harrington, F. T., and Esch, assignors.)
Vickers Incorporated. (See Harrington, F. T., and Nye, assignors.)
Vickers Incorporated. (See Harrington, F. T., and Tweedale, assignors.)
Vickers Incorporated. (See Harrington, F. T., Twyman, and Robinson, assignors.)
Vickers Incorporated. (See Herman, Kenneth R., assignor.)
Vickers Incorporated. (See Martin, Joseph A., assignor.)
Vickers Incorporated. (See Moser, Jesse R., assignor.)
Vickers, Incorporated. (See Vickers, Harry F., assignor.)
Vickers Incorporated. (See Vickers, H. F., Moser, and Martin, assignors.)
Vickers Incorporated. (See Nye, Hugh C., assignor.)
Vickers Incorporated. (See Nye, H. C., and Hayden, assignors.)
Vickers, Incorporated. (See Sweeny, Charles P., assignor.)
Vickers, Incorporated. (See Vickers, Harry F., assignor.)
Vickery, Henry M., St. Andrews, Fla. Grinding machine. 2,186,397; Jan. 9.
Vickery, Norman P., Keene, N. H. Game apparatus. 2,193,468; Mar. 12.
Vico Products Company. (See Maizel, Ben, assignor.)
Victor Adding Machine Company. (See Garbell, Max, assignor.)
Victor, Benjamin, J. (See Victor, John H. and B. J.)
Victor, Benjamin J., Oak Park, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Safety device for presses. 2,199,766; May 7.
Victor, Charles. (See Carrier, W. W., and Victor.)
Victor Chemical Works. (See Beck, T. M., and Klein, assignors.)
Victor Development and Patent Company, The. (See von Haase, Victor A., assignor.)
Victor Equipment Co. (See Stettner, Ludwig W., assignor.)
Victor, John H., Wilmette, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Fluid seal with spongy packing. 2,209,750; July 30.
Victor, John H., Wilmette, and W. F. Bernstein, Brookfield, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Laterally expanded oil seal. 2,210,823; Aug. 6.
Victor, John H., Wilmette, and B. J. Victor, Oak Park, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Metal gasket with sealing coating. 2,211,247; Aug. 13.
Victor, Joseph B., Oak Park, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Oil retainer with combined diaphragm and outer metal seal. 2,191,873; Feb. 27.
Victor, Joseph B., Oak Park, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Grease retainer with integral diaphragm and outer seal. 2,208,482; July 16.
Victor Manufacturing & Gasket Company. (See Bernstein, Wilburn F., assignor.)
Victor Manufacturing and Gasket Company. (See Heinze, W. A., and Bernstein, assignors.)
Victor Manufacturing & Gasket Company. (See Kosatka, Thomas O., assignor.)
Victor Manufacturing & Gasket Company. (See Kosatka, T. O., and Antonelli, assignors.)
Victor Manufacturing & Gasket Company. (See Rainey, R. S., and Kosatka, assignors.)
Victor Manufacturing & Gasket Company. (See Schmied, Joseph M., assignor.)
Victor Manufacturing & Gasket Company. (See Victor, Benjamin J., assignor.)
Victor Manufacturing & Gasket Company. (See Victor, J. H., and Bernstein, assignors.)
Victor Manufacturing & Gasket Company. (See Victor, John H., assignor.)
Victor Manufacturing & Gasket Company. (See Victor, John H. and B. J., assignors.)
Victor Manufacturing & Gasket Company. (See Victor, Joseph B., assignor.)
Victor Metal Products Corporation. (See Hoch, John, assignor.)
Victor Metal Products Corporation. (See Jung, Albert H., assignor.)
Victor Metal Products Corporation. (See Sapery, Stanley, assignor.)
Victoreen, John A., Cleveland Heights, Ohio. X-ray measuring instrument. 2,190,200; Feb. 13.
Victory Switch Company. (See Josephson, Archie, assignor.)
Vidrio Products Corporation. (See Kessel, Johannes B., assignor.)
Viehweger, August. (See Schaffert, E. E., and Viehweger.)
Viehweger, August, New Paltz, N. Y. Sash balance. 2,218,777; Oct. 22.
Vienneau, Jacob J., Pittsfield, Mass., assignor to General Electric Company. High voltage winding. 2,194,338; Mar. 19.
Vierling, Frank J., Minneapolis, Minn. Gauge. 2,190,899; Feb. 20.
Vierling, Karl, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing esters and ethers. 2,198,046; Apr. 23.
Vierling, Karl, and H. Hopff, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Modified resinous condensation products of methyl vinyl ketone and formaldehyde, and producing same. 2,201,750; May 21.
Vierling, Otto. (See Pistor, W., and Vierling.)
Vierling, Otto, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Making photographs. 2,186,942; Jan. 16.
Vieth, Leonard. (See Blattner, D. G., and Vieth.)
Vieweg, Hermann F., Highland Park, H. E. Holcomb, South Bound Brook, G. T. Pearce and H. T. Coss, Somerville, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Method and apparatus for producing mineral wool. 2,221,011; Nov. 12.
Vigborg, Karl M. (See Ljunggren, I. G. A., Vigborg, and Bratt.)
Vigborg, Karl M., assignor to Kooperativa Förbundet Förening u. p. a., Stockholm, Sweden. Tens-transferring mechanism. 2,206,141; July 2.
Vigne, Albert, Webster Groves, and I. E. Cox, Kirkwood, assignors to National Bearing Metals Corporation, St. Louis, Mo. Hot box alarm. 2,187,958; Jan. 23.
Vigren, Sten D. (See Thielers, E. M., Vigren, and Käfsten.)
Vigroux, Joseph J. P., Ivry-sur-Seine, France. Closed body, in particular for automobile vehicles. 2,208,204; July 16.
Vigue, William, Orofino, assignor of one-quarter to C. E. Lashey, and one-quarter to H. A. Stone, both of Orifino, Idaho. Stake socket. 2,215,060; Sept. 17.
Vikhman, Victor, Moscow, Union of Soviet Socialist Republics. Automatic machine tool for machining profiled workpieces. 2,226,677; Dec. 31.
Viking Instruments, Inc. (See David, Alan C., assignor.)
Viktora, Václav, assignor to the firm Československé tovarny na dusíkaté latky akc spol Czechoslovakian Nitrogen Works Co., Ltd., Moravska Ostrava, Czechoslovakia. Process and apparatus for the hydrogenation of carbonaceous materials. 2,207,494; July 9.
Vilas, Fred L., et al. (See Hicks, Harold, assignor.)
Vilensky, Michel B., Newark, Ohio, assignor to Owens-Illinois Glass Company. Platinum alloy for contacting molten glass. 2,188,636; Jan. 30.
Viles, Lawrence M., Chicago, and H. S. Brown, assignors to The Buda Company, Harvey, Ill. Motor truck. 2,207,447; July 9.
Vilkomerson, Benjamin S., Boston, assignor to D. and A. J. Housman, Winthrop, Mass. Radio receiving system. 2,222,196; Nov. 19.

Villas, John D., Minneapolis, Minn. Steering wheel. 2,187,764; Jan. 23.
Villasuso, Armando S., Tucuman, Argentina. Mill housing. 2,199,297; Apr. 30.
Villasuso, Armando S., Ingenio Concepcion, Tucuman, Argentina. Obtention of juice from sugar cane. 2,206,341; July 2.
Villette, Valentine, Oakland, Calif., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressed air cooling system. 2,209,097; July 23.
Vilsmeier, Anton. (See Neresheimer, H., and Vilsmeier.)
Vinal, Leroy W., Leominster, Mass., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bristle feeding and picking device. 2,211,036; Aug. 13.
Vinardi, John, Rosedale, Ind. Pallet jewel setter. 2,211,303; Aug. 13.
Vincent, Achille P., Bois-Colombes, France. Closed monobloc power plant. 2,198,141; Apr. 23.
Vincent, Daniel B., Winter Haven, Fla. Food product and process of making. 2,215,944; Sept. 24.
Vincent, Daniel B., Winter Haven, Fla. Hot air fan for driers. 2,215,945; Sept. 24.
Vincent, Frederick A., Wilbraham, assignor to Belmont Laundry, Inc., Springfield, Mass. Laundry meter. 2,193,212; Mar. 12.
Vincent, George P. (See Taylor, M. C., and Vincent.)
Vincent, Jesse G., Grosse Pointe, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,190,224; Feb. 13.
Vincent, John D. (See Gaudin, A. M., and Vincent.)
Vincent, Merlin S., assignor to Automatic Washer Company, Newton, Iowa. Sheet metal cabinet leg fastening. 2,224,558; Dec. 10.
Vincent, Russell S. (See Brazier, L. G., Hamilton, and Vincent.)
Vincent-Daviss, Cedric A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal cleaning process. 2,188,930; Feb. 6.
Vincke, Gerhard, assignor to Harry H. Straus, New York, N. Y. Making thread, and resulting article. 2,213,659; Sept. 3.
Vincze, Alexander L., St. Petersburg, Fla. Cutting disk for power mowers. 2,192,762; Mar. 5.
Vineyard, George S., Amarillo, Tex. Merchandise dispenser. 2,218,444; Oct. 15.
Vining, Vernon E., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Food container. 2,205,781; June 25.
Vinnick, William, Whitestone, N. Y. Rapid fire artillery gun. 2,216,969; Oct. 8.
Vinson, William, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Container closure. 2,213,794; Sept. 3.
Vipond, Ernest E., Montreal, Quebec, Canada. Disinfected closet and the like. 2,207,363; July 9.
Viragh, Stephen, Forest Hills, Pa. Dental brush. 2,190,277; Feb. 13.
Virostek, Andrew V., Cleveland, Ohio. Trolley wheel. 2,222,641; Nov. 26.
Viscardi, Andrew, New York, N. Y. Treating tobacco. 2.198.188; Apr. 23.
Vischer, Alfred, Jr., Park Ridge, assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph. 2,214,913; Sept. 17.
Visitacion, Aniceto R., New York, N. Y., assignor of one-half to H. H. Helbush, Los Angeles, Calif. Articulated figural toy and actuator. 2,219,854; Oct. 29.
Visking Corporation, The. (See Smith, J. P., and Henderson, assignors.)
Visking Corporation, The. (See Thor, Clifford J. B., assignor.)
Visman, Jean, Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Molding 2.216,863; Oct. 8.
Vissac, Gustave A., Calgary, Alberta, Canada. Apparatus for drying wet granular materials. 2,214,981; Sept. 17.
Visser, John, Grand Rapids, assignor, by mesne assignments, to Reconstruction Finance Corporation, Detroit, Mich. Panel pocket. Re. 21,441; Apr. 30.
Visser, John, Grand Rapids, assignor to F. L. Jacobs Co., Detroit, Mich. Ash receptacle and assembly. 2,196,372; Apr. 9.
Visser, John, Grand Rapids, assignor, by mesne assignments, to F. L. Jacobs Co., Detroit, Mich. Ash receptacle. 2,196,648; Apr. 9.
Visser, John, Grand Rapids, assignor, by mesne assignments, to Reconstruction Finance Corporation, Detroit, Mich. Ash receptacle. 2,199,451; May 7.
Visser, John, Grand Rapids, assignor, by mesne assignments, to Reconstruction Finance Corporation, Detroit, Mich. Utility receptacle. 2,199,898; May 7.
Visser, John, Grand Rapids, assignor, by mesne assignments, to Reconstruction Finance Corporation, Detroit, Mich. Instrument panel assembly. 2,202,277; May 28.
Visser, John, Grand Rapids, assignor, by mesne assignments, to Reconstruction Finance Corporation, Detroit, Mich. Ash receptacle. 2,215,626; Sept. 24.
Visser, John, Grand Rapids, assignor, by mesne assignments, to Reconstruction Finance Corporation, Detroit, Mich. Ash receptacle. 2,220,360; Nov. 5.
Visser, John, Grand Rapids, assignor, by mesne assignments, to Reconstruction Finance Corporation, Detroit, Mich. Ash receptacle and lighter. 2,221,211; Nov. 12.
Visser, John, Grand Rapids, assignor, by mesne assignments, to Reconstruction Finance Corporation, Detroit, Mich. Spring latch. 2,221,959; Nov. 19.
Vissing, Royal A., Reno, Nev. Electric clock and control therefor. 2,193,992; Mar. 19.
Visual Merchandiser, Inc. (See Hutchinson, Job, assignor.)
Vita Sales Corporation. (See Knaust, Henry E., assignor.)
Vitab Corporation, The, et al. (See Siemers, Gustav F., assignor.)
Vits, Emil, Dusseldorf, Germany. Furnace for the continuous annealing of bands, sheets, and wires. 2,185,655; Jan. 2.
Vittum, Paul W., and W. D. Peterson, assignors to Eastman Kodak Company, Rochester, N. Y. Diketone coupler compound. 2,206,142; July 2.
Vivaudou, Jean E., and H. G. Lubin, New York, N. Y. Covered sachet ball. 2,215,988; Sept. 24.
Viviani, Alfonse, et al. (See De Fazi, Fulvio, assignor.)
Vivie, Wilhelmus L. L., Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Apparatus for manufacturing condenser electrodes. 2,203,315; June 4.
Vizard, William C., assignor to Barbour Welting Company, Brockton, Mass. Welt. 2,201,382; May 21.
Vizard, William C., assignor to Barbour Welting Company, Brockton, Mass. Shoe. 2,201,383; May 21.
Vizard, William C., assignor to Barbour Welting Company, Brockton, Mass. Welt. 2,216,506; Oct. 1.
Vizard, William C., assignor to Barbour Welting Company, Brockton, Mass. Welting. 2,219,947; Oct. 29.
Vlaszac, George A., Philadelphia, Pa. Retainer for yarn packages. 2,192,111; Feb. 27.
Vlaun, Charles V., Long Island City, N. Y. Game board. 2,188,825; Jan. 30.
Vlugter, Johannes C., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Production of hydrocarbons of the gasoline type. 2,206,376; July 2.
Vobach, Arnold C., Whiting, Ind., assignor to Sinclair Refining Company, New York, N. Y. Lubricating oil. 2,222,964; Nov. 26.
Vobach, Arnold C., Whiting, Ind., assignor to Sinclair Refining Company, New York, N. Y. Refining of oil. 2,223,141; Nov. 26.
Voegel, August. (See Linke, G., and Voegel.)
Voegeli, Frederick B., Mansfield, assignor to William H. Bannon, East Foxboro, Mass. Fabric and making same. 2,211,841; Aug. 20.
Voegeli, Henry E., Cheshire, assignor to The American Brass Company, Waterbury, Conn. Metal flashing reglet for concrete construction. 2,197,542; Apr. 16.
Voelkel, John F., Brooklyn, assignor to J. F. Voelkel and C. F. Gehrmann, executors of the estate of Emil Bommer deceased, doing business as Bommer Spring Hinge Company, Brooklyn, N. Y. Hinge. 2,222,965; Nov. 26.
Voelker, Walter J., McKeesport, Pa. Culinary utensil. 2,201,566; May 21.
Voetter, Walter. (See Erdmann, H., and Voetter.)
Vogée, Bruno. (See von Schütz, F., and Vogée.)
Vogel, Carl, Berlin-Schoneberg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Braking system for electric trains. 2,210,694; Aug. 6.
Vogel, Charles P., Millburn, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Mount for electron discharge devices. 2,187,107; Jan. 16.
Vogel, Edward A., Beloit, Wis., assignor Fairbanks, Morse & Co., Chicago, Ill. Magneto rotor. 2,213,724; Sept. 3.
Vogel, Floyd F., Manito, Ill. Device for indicating freezing temperature of liquids. 2,211,394; Aug. 13.
Vogel, Fred J., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical induction apparatus. 2,221,619; Nov. 12.
Vogel & Halke. (See Ruge, Heinrich J. H., assignor.)
Vogel, Max, Bridgeport, Conn. Prong fastener for binders, folders, and the like. 2,192,701; Mar. 5.
Vogel, Max, Bridgeport, Conn. Visible index card holder. 2,195,157; Mar. 26.
Vogel, Max, Bridgeport, Conn. Vanity case or compact. 2,224,995; Dec. 17.
Vogel, Max R., Easton, Pa., assignor to Binney & Smith Co., New York, N. Y. Lacquer manufacture. 2,190,461; Feb. 13.
Vogel, Robert C., R. W. Coblentz and W. A. Capstick, Dayton, Ohio. Making edible coating for frozen products. 2,207,034; July 9.
Vogel, Walter, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Preparing bulk material and apparatus therefor. 2,209,618; July 30.
Vogel, Wilfried. (See Muttray, J., and Vogel.)
Vogel, William M., Bloomfield, N. J. Spraying device. 2,194,339; Mar. 19.
Vogel, William M., Bloomfield, N. J. Spraying device. 2,194,340; Mar. 19.
Vogel, William M., Bloomfield, N. J. Baking pan construction. 2,215,113; Sept. 17.
Vogel-Jorgensen, Mikael, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y. Asbestos cement manufacture. 2,185,959; Jan. 2.

Vogel-Jorgensen, Mikael, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Mill. 2,185,960; Jan. 2.
Vogel-Jorgensen, Mikael, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Bag. 2,201,675; May 21.
Vogel-Jorgensen, Mikael, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y. Distributing apparatus. 2,215,201; Sept. 17.
Vogel-Jorgensen, Mikael, Frederiksberg, near Copenhagen, Denmark, assignor to Separation Process Company, Catasauqua, Pa. Froth flotation reagent. 2,216,992; Oct. 8.
Vogel-Jorgensen, Mikael, Frederiksberg, near Copenhagen, Denmark, assignor, by mesne assignments, to Fuller Company, Borough of Catasauqua, Pa. Pneumatic conveying apparatus. 2,221,741; Nov. 12.
Vogelsang, George K. (See Novotny, E. E., and Vogelsang.)
Voges, Julius B., Terre Haute, Ind. Vehicle body straightening device. 2,194,991; Mar. 26.
Vogl, Martha, et al. (See Hermann, Wolfgang, assignor.)
Vogl, Otto, et al. (See Hermann, Wolfgang, assignor.)
Vogler, Willy M., Denver, assignor to Industrial Hosiery Mills, Inc., Mohnton, Pa. Yarn feeding control device for knitting machines. 2,196,088; Apr. 2.
Vogt, Clarence W., Norwalk, Conn., assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky. Apparatus and process for treating materials. Re. 21,406; Mar. 19.
Vogt, Clarence W., Norwalk, Conn., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Shipping carton. 2,188,732; Jan. 30.
Vogt, Clarence W., Norwalk, Conn., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Package for frozen confections or the like. 2,227,236; Dec. 31.
Vogt, Clarence W., New York, N. Y., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Collapsible container. 2,192,722; Mar. 5.
Vogt, Clarence W., Saugatuck-Westport, Conn., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Dispensing receptacle. 2,206,984; July 9.
Vogt, Clarence W., Saugatuck-Westport, Conn., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Dispensing receptacle. 2,206,985; July 9.
Vogt, Clarence W., Westport, Conn., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Dispensing device. 2,206,986; July 9.
Vogt, Clarence W., Greenwich, Conn., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Package of liquid or plastic material. 2,214,944; Sept. 17.
Vogt, Eberhard, and K. Smeykal, Leuna, Germany, assignors, by mesne assignments, to W. E. Currie, New York, N. Y. Breaking mineral oil emulsions. 2,216,257; Oct. 1.
Vogt, Gottfried. (See Kotowski, P., Sonnenfeld, and Vogt.)
Vogt, Hans, Berlin-Steglitz, Germany, assignor to Micro Products Corporation, Hastings-on-Hudson, N. Y. Magnetic powder for iron dust cores. 2,186,659; Jan. 9.
Vogt, Hans, Berlin-Wilmersdorf, and J. Engl, and J. Massolle, Berlin-Grunewald, Germany, assignors to American Tri-Ergon Corporation, New York, N. Y. Sound reproducing apparatus. 2,191,404; Feb. 20.
Vogt, Henry, Machine Co. (See Kubaugh, Benjamin F., assignor.)
Vogt, Lucien E., assignor to Farrington Manufacturing Company, Boston, Mass. Display case. 2,200,404; May 14.
Vogt, Ludwig E., Freiburg in Breisgau, Baden, Germany, assignor to K. Lydecker, New York, N. Y. Mounting for maps and the like. 2,190,438; Feb. 13.
Vogt, Richard, Hamburg, Germany. Float system. 2,204,457; June 11.
Vogt, Richard, Hamburg, Germany. Control gear. 2,209,144; July 23.
Vogt, Richard R., South Bend, Ind., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing sodium acetylide. 2,200,941; May 14.
Vogt, William H., assignor to Taylor Instrument Companies, Rochester, N. Y. Adjusting knob. 2,220,590; Nov. 5.
Vogt, William H., assignor to Taylor Instrument Companies, Rochester, N. Y. Combined controlling and recording device. 2,224,620; Dec. 10.
Voight, August L., Cleveland, Ohio. Faucet. 2,188,783; Jan. 30.
Voight, Henry G., assignor to Sargent & Company, New Haven, Conn. Burglarproof lock. 2,194,959; Mar. 26.
Voight, Henry G., New Haven, and W. S. Edwards, Hamden, assignors to Sargent & Company, New Haven, Conn. Emergency exit lock. 2,198,359; Apr. 23.
Voight, Henry G., New Haven, and W. S. Edwards, Hamden, assignors to Sargent & Company, New Haven, Conn. Bored-in lock. 2,220,591; Nov. 5.
Voigt, Frank, executor. (See Ledig, Karl K.)
Voigt, Heinz. (See Glaser, A., Koch, and Voigt.)
Voigt, Leon, Galveston, Tex. Trap hook. 2,220,559; Nov. 5.
Voigt, Waldemar, Haunstetten, near Augsburg, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Servomotor control system for airplanes. 2,222,886; Nov. 26.
Voigt, Walter H. (See Graves, E. R., Powell, Kubalanza, Voigt.)
Voigtlaender, Erich O., and J. H. Hoffmann, Bethlehem, Pa. Heat exchange apparatus. 2,225,283; Dec. 17.
Voigtländer & Sohn Aktiengesellschaft. (See Mische, Friedrich, assignor.)
Voigtländer & Sohn Aktiengesellschaft. (See Reiche, Wilhelm, assignor.)
Voigtritter, Max H., assignor to Mills Novelty Company, Chicago, Ill. Bottle wiping device for bottle vending machines. 2,218,015; Oct. 15.
Voiles, Frank A., Chicago, Ill. Exercising stand. 2,226,881; Dec. 31.
Voit, William J. (See Voit, W. J., and Weimer, assignors.)
Voit, William J., Los Angeles, and L. C. Weimer, Southgate, assignors, by mesne assignments, to W. J. Voit, Los Angeles, Calif. Reinforced ball and making same. 2,194,132; Mar. 19.
Voit, William J., Los Angeles, and L. C. Weimer, South Gate, Calif., said Weimer assignor to said Voit. Manufacturing a game ball. 2,213,479; Sept. 3.
Voit, William J., Los Angeles, and L. C. Weimer, Southgate, Calif., assignors, by mesne assignments, to said W. J. Voit. Athletic ball. 2,221,533; Nov. 12.
Voit, William J., Los Angeles, and L. C. Weimer, Southgate, Calif.; said Weimer assignor to said Voit. Making athletic balls. 2,221,534; Nov. 12.
Voit, William J., Los Angeles, and L. C. Weimer, Southgate, Calif.; said Weimer assignor to said Voit. Method and apparatus for covering balls. 2,224,363; Dec. 10.
Voit, William J., Los Angeles, and L. C. Weimer, Southgate, Calif.; said Weimer assignor to said Voit. Winding mechanism. 2,224,416; Dec. 10.
Voith, J. M. (See Auer, Wilhelm, assignor.)
Voith, J. M. (See Canaan, Hans F., assignor.)
Voith, J. M. (See Friedrich, K., and Seibold, assignors.)
Voith-Schneider Propeller Company. (See Wahl, Albert, assignor.)
Vokes, Cecil G., London, England. Filter. 2,198,189; Apr. 23.
Vokes, Cecil G., London, England. Filter. 2,198,190; Apr. 23.
Vokes, Ralph C., Detroit, Mich. Building construction. 2,212,906; Aug. 27.
Volck, William H., Watsonville, assignor to California Spray-Chemical Corporation, Berkeley, Calif. Insecticidal composition. 2,196,448; Apr. 9.
Volk, Alfred, Hechingen, Wurttemberg, Germany. Separator means for filing systems. 2,226,791; Dec. 31.
Volkert, George, Superior, Wis. Bottle washing machine. 2,191,002; Feb. 20.
Volkmann, Kurt, Berlin-Charlottenburg, assignor to Seimens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Liquid filled compass. 2,205,548; June 25.
Volksdorf, Hans, assignor to Thomas M. Royal & Company, Philadelphia, Pa. Closing bags. 2,200,313; May 14.
Volland, Victor H., St. Louis, Mo. Curtain operating mechanism. 2,201,804; May 21.
Vollbrecht, Arthur, Saginaw, Mich. Passenger carrying amusement device. 2,200,684; May 14.
Vollenweider, Emil, Sacramento, Calif. Intermittent film feed for motion picture projectors. 2,209,588; July 30.
Vollmann, Heinrich. (See Corell, M., Vollmann, and Becker.)
Vollmer, Anton, Berlin-Tegel Germany, assignor to Metal & Thermit Corporation, Carteret, N. J. Detinning. 2,200,782; May 14.
Vollmer, Elmer D., Cleveland, Ohio. Electrically wired table cover and pad. 2,190,225; Feb. 13.
Vollmer, Frieda, assignor of one-half to K. Vollmer, New York, N. Y. Sun hat. 2,200,783; May 14.
Vollmer, Hermann, New York, N. Y. Patch test strip. 2,190,745; Feb. 20.
Vollmer, Joseph. (See Schüttler, P., and Vollmer.)
Vollmer, Karl. (See Vollmer, Frieda, assignor.)
Vollrath, Richard E., San Marino, Calif. Luminous electrical discharge device. Re. 21,613; Oct. 29.
Volpin, Alexander S., Houston, Tex. Valve. 2,224,939; Dec. 17.
Volpin, Alexander S., Houston, Tex., assignor to Mission Manufacturing Company. Slush pump valve. 2,197,455; Apr. 16.
Volwiler, Ernest H., Highland Park, and M. B. Moore, Waukegan, assignors to Abbott Laboratories, North Chicago, Ill. Enteric coating. 2,205,111; June 18.
Volz, Anton, Ludwigshafen-on-the-Rhine, Germany, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Cleansing filter cloths. 2,198,847; Apr. 30.
Volz, Frederick A., assignor to The Stanley Works, New Britain, Conn. Coilable measuring device. 2,207,277; July 9.
Von Ardenne, Manfred, Berlin, Germany. Protective device in television receivers. 2,188,290; Jan. 23.
Von Ardenne, Manfred, Berlin, Germany, assignor to Radio Corporation of America. Cathode ray tube. 2,185,239; Jan. 2.

Von Baeyer, Hans J. R. (See Buschbeck, W., and von Baeyer.)
Von Berg, George E., New York, N. Y. Game device. 2,208,351; July 16.
Von Biehler, Arpad. (See Eggert, J. von Biehler, and Heymer.)
Von Biehler, Arpad, Dessau, Germany, assignor, by mesne assignmens, to General Aniline & Film Corporation, New York, N. Y. Color photography. 2,205,755; June 25.
Von Borries, Bodo, and E. Ruska, Berlin-Spandau, assignors to Fides Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung, Berlin, Germany. Magnetic lens for electron microscopes. 2,209,669; July 30.
Von Brethorst, Joergen, Oakland, Calif. Wheel balancing weight. 2,195,473; Apr. 2.
Von Bronk, Otto, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Color television. 2,191,515; Feb. 27.
Von Capeller, Rudolf. (See Felix, F., von Capeler, and Sallmann.)
Von Delden, Florenz J., assignor to Vedee Corporation, Los Angeles, Calif. Electric translating device. 2,194,535; Mar. 26.
Von den Steinen, Carl, Hamburg-Bergedorf, Germany, assignor to Askania-Werke A. G. Stabilizing device for ships. 2,190,617; Feb. 13.
Von den Steinen, Carl, Bergedorf, near Hamburg, Germany, assignor to Askania-Werke A. G. Water current responsive device for ships. 2,214,710; Sept. 10.
Von Dobeneck, Joachim F. (See Küchler, E., Hermes, and von Dobeneck.)
Von Drathen, Eduard, and A. Köthe, Coswig, Anhalt, Germany. Producing a perborate of light weight in bulk. 2,223,903; Dec. 3.
Von Elbe, Guenther J. K., and B. B. Scott, Jr., assignors to Carnegie Institute of Technology of Pittsburgh, Pittsburgh, Pa. High vacuum fractional distillation. 2,198,848; Apr. 30.
Von Forster, Hermann. (See Schunck, Max, assignor.)
Von Freydorf, Rudolf, Berlin-Steglitz, assignor to Siemens Apparte und Maschinen Gesellschaft mit beschrankter Haftung, Berlin, Germany. Control of a gyroscope. 2,222,754; Nov. 26.
Von Giesche's, Georg, Erben. (See Burkhardt, Arthur, assignor.)
Von Giesche's, Georg, Erben. (See Burkhardt, A., and Knabe, assignors.)
Von Girsewald, Conway, Baron, G. Roesner, and M. Wohlwill, Frankfort-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Production of concentrated sulphur dioxide. 2,192,461; Mar. 5.
Von Girsewald, Conway Baron, G. Roesner, and J. Barwasser, Frankfort-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Recovery of elementary sulphur from sulphur dioxide and gases containing same. 2,213,787; Sept. 3.
Von Glahn, William H. (See Walsh, W. L., and von Glahn.)
Von Glahn, William H., Loudonville, N. Y., assignor to General Aniline & Film Corporation. Water soluble naphthol compounds and preparing same. 2,190,746; Feb. 20.
Von Grolman, Dietrich, Buenos Aires, Argentina. Breast pump. 2,208,089; July 16.
Von Gruber, Otto, and W. Schneider, assignors to the firm of Carl Zeiss, Jena, Germany. Telescope. 2,219,275; Oct. 22.
Von Haase, Anthony. (See Campbell, L., Jr., and von Haase.)
Von Haase, Anthony, Lakewood, assignor to Cleveland Steel Corporation, Cleveland, Ohio. Oil burning apparatus. 2,215,281; Sept. 17.
Von Haase, Victor A., Rocky River, assignor to The Victor Development and Patent Company, Cleveland, Ohio. Pretzel machine. 2,188,799; Jan. 30.
Von Hassel, Georg M., Berlin, Germany. Extraction of fibers from fiber-containing material. 2,214,893; Sept. 17.
Von Hassel, George M., Berlin, Germany. Producing free cellulose fiber. 2,205,704; June 25.
Von Haÿn, Albert, Bad Homburg vor der Hohe, Germany. Light metal heel. 2,215,237; Sept. 17.
Von Helmolt, Carl W., administrator. (See Tropsch, Hans.)
Von Henke, Edmund J., assignor to American Electric Fusion Corporation, Chicago, Ill. Welding machine. 2,185,716; Jan. 2.
Von Hessert, Gerhard. (See Werner, Guenther, assignor.)
Von Hoefen, Walter, assignor to Metal Homes, Inc., Cleveland, Ohio. Metal building construction. 2,186,310; Jan. 9.
Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Labeling machine. 2,208,711; July 23.
Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Machine for applying labels and the like. 2,217,325; Oct. 8.
Von Hoff, Carl, Essen, assignor to O. H. Drager, Lubeck, Germany. Respiratory appliance. 2,217,575; Oct. 8.
Von Holtz, Charles T., assignor to Harvey Hubbell, Incorporated, Bridgeport, Conn. Strain relief. 2,201,213; May 21.
Von Holtz, Frederick, Fairfield, assignor to C. O. Jelliff Manufacturing Corporation, Southport, Conn. Shuttleless wire mesh loom. 2,220,924; Nov. 12.
Von Hoorn, Fred G., Nichols, Conn., assignor to General Electric Company. Electric switch. 2,203,555; June 4.
Von Horst, Louis A. F., Coburg, Thuringia, Germany. Preparation of hop extract. 2,191,838; Feb. 27.
Vonkennel, Josef, and J. Kimmig, Munich, Germany, assignors to Schering Aktiengesellschaft. Stable solutions of calcium thiosulphate and the manufacture thereof. 2,198,642; Apr. 30.
Von Knauf, Emil W., Chicago, Ill. Liquid pail. 2,207,210; July 9.
Von Knopke, Robert, St. Petersburg, Fla. Garment hanger. 2,187,579; Jan. 16.
Von Kohorn zu Kornegg, Heinz-Horst E., assignor to Oscar Kohorn & Co., Ltd., New York, New York, N. Y. Manufacture of Alkali cellulose. 2,218,836; Oct. 22.
Von König, Hermann-Ernst, Berlin-Johannisthal, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt near Berlin, Germany. Telephone system. 2,217,084; Oct. 8.
Von Kramolin, Leon L. (See Ditsche, Walter, assignor.)
Von Kujawa, Gerhard. (See Wilmanns, G., Schneider, and Von Kujawa.)
Von Kujawa, Gerhard, Dessau, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Transfer paper. 2,207,388; July 9.
Von Le Juge, Sergius, Bremen, Germany. Evaporator for production of high-grade distillate. 2,199,320; Apr. 30.
Von Manteuffel, Gert Z., Berlin-Dahlem, Germany, assignor to Askania-Werke A. G. Stabilizing device. 2,200,196; May 7.
Von Manteuffel, Gert Z., Berlin-Dahlem, Germany, assignor to Askania-Werke A. G. vormals Centralwerkstatt-Dessau und Carl Bamberg-Friedenau. Gyroscopic apparatus. 2,227,371; Dec. 31.
Von Meister, Frederick W., New York, and F. W. Andrew, Glen Head, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Apparatus for the development of light-sensitive material. 2,219,584; Oct. 29.
Von Meyenburg, Konrad, assignor to the firm "Motorkultur Aktiengesellschaft," Basel, Switzerland. Motor driven rotary tiller. 2,196,347; Apr. 9.
Von Mihály, Dénes, Berlin-Wilmersdorf, Germany. Endless sound film apparatus. 2,196,348; Apr. 9.
Von Mihály, Dénes, Berlin-Wilmersdorf and R. Wehler, assignors to Julius Pintsch Kommanditgesellschaft, Berlin, Germany. Film apparatus. 2,194,879; Mar. 26.
Von Mikovényi, Willibald. (See Magener, W., and (Barth assignor).)
Von Mikusch-Buchberg, Donatus. (See Pelikan, K. A. F., Schuelke, and von Mikusch-Buchberg.)
Vonnegut, Anton, assignor to Vonnegut Moulder Corporation, Indianapolis, Ind. Sander. 2,194,577; Mar. 26.
Vonnegut Moulder Corporation. (See Vonnegut, Anton, assignor.)
Von Neuman, Herbert. (See Gruber, H., and von Neuman.)
Von Okolicsanyi, Franz, Kensington, London, England. Television and like system. 2,202,541; May 28.
Von Pein, Edward J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Card punching machine. 2,192,626; Mar. 5.
Von Pein, Edward J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Card punch and printer. 2,195,844; Apr. 2.
Von Pein, Edward J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Weighing and recording mechanism. 2,217,208; Oct. 8.
Von Pein, Edward J., and P. J. Schlessiger, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Recording lock. 2,213,573; Sept. 3.
Von Pein, Edward J., Dayton, Ohio, and P. J. Schlessiger, Endicott, assignors to International Business Machines Corp., New York, N. Y. Punching machine. 2,217,209; Oct. 8.
Von Pentz, Benjamin, Springfield, Long Island, N. Y. Oil filter. 2,209,180; July 23.
Von Petery, Achim. (See Bode. R., and von Petery.)
Von Philipp, Hans, assignor to Fritz Schulz jun Aktiengesellschaft, Leipzig, Germany. Insecticide. 2,214,782; Sept. 17.
Von Pichler-Tennenberg, Alarich, Berlin-Charlottenberg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Device for compensating the pressure in water decomposers. 2,208,352; July 16.
Von Poser, Gottlieb, M. P. Schmidt, and G. Werner, assignors to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Light-sensitive material. 2,197,456; Apr. 16.
Von Putzer-Reybegg. (See Berg, H., and von Putzer-Reybegg.)
Von Radinger, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, Berlin, Germany. Circuit for reducing electrical disturbances. 2,215,946; Sept. 24.

Von Reis, Bror G. (See Kaplan, L. I., and von Reis.)
Von Reis, Lambert, Herzogenrath, Germany, assignor to Naamlooze Vennootschap Maatschappij tot Beheer en Exploitatie van Octrooien, The Hague, Netherlands. Method and apparatus for making ropes or cords from glass or slag. 2,194,728; Mar. 26.
Von Reppert, Richard, Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,192,627; Mar. 5.
Von Sauer, Walter, Berlin, Germany. Electrically operated vacuum refrigerating plant. 2,200,138; May 7.
Von Scheven, Richard, assignor of one-third to H. Nord, Ridgewood, and one-third to W. J. Nowak, Port Washington, N. Y. Air tool. 2,197,626; Apr. 16.
Von Schickh, Otto. (See Binz, A., and von Schickh.)
Von Schlippe, Boris, Dessau in Anhalt, assignor to Junkers Flugzeug-und-motorenwerke Aktiengesellschaft, Dessau, Germany. Damping oscillations. 2,195,041; Mar. 26.
Vonschott, William, assignor of one-fifth to H. J. Lucke, New York, N. Y. Deviation indicator. 2,203,708; June 11.
Von Schrader, Francis U., assignor to Von Schrader Manufacturing Company, Racine, Wis. Upholstery cleaner. 2,198,322; Apr. 23.
Von Schrader Manufacturing Company. (See von Schrader, Francis U., assignor.)
Von Schütz, Friedrich, Berlin-Lichterfelde-West, and B. Vogée, Berlin-Wilhelmshagen, assignors to Julius Pintsch Commanditgesellschaft, Berlin, Germany. Automatic regulating device for air heating plants in railway vehicles. 2,199,531; May 7.
Von Stietz, George E. G., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Process and apparatus for clarifying liquids. 2,213,808; Sept. 3.
Von Stocmeier, Hans G. L. (See Schmid, W., Wienert, and von Stocmeier.)
Von Tavel, Hesper, assignor to Scintilla Ltd., Soleure, Switzerland. Motion transmitting mechanism. 2,190,900; Feb. 20.
Von Thyssen–Bornemisza, Stephan Baron, Hanover, Germany, assignor to Shell Development Company, San Francisco, Calif. Gravity measuring instrument. 2,190,959; Feb. 20.
Vontobel, Jakob, Teufenthal, and K. Lebküchner, Granichen, assignors to the firm Injecta Aktiengesellschaft, Teufenthal, Canton of Argovie, Switzerland. Hydraulic controlling device in machines for die casting under pressure. 2,216,059; Sept. 24.
Vontobel, Jakob, Teufenthal, assignor to the firm Injecta Aktiengesellschaft, Teufenthal, Canton of Argovie, Switzerland. Mold carrier in die casting machines under pressure. 2,216,060; Sept. 24.
Von Voigtlander, Frederick, assignor to Schwarze Electric Company, Adrian, Mich. Electromagnetic horn. 2,216,380; Oct. 1.
Von Wangenheim, Adolf, assignor to Detroit Lubricator Company, Detroit, Mich. Pressure relief device. 2,213,181; Aug. 27.
Von Webern, Guido. (See Casto, L. V., von Webern, Hamant, and King.)
Von Webern, Guido. (See Hamant, E. W., and von Webern.)
Von Wedel, Carl J. R. H., West Orange, N. J. Light projection system. 2,216,993; Oct. 8.
Von Weinberg, Arthur, Frankfort-on-the-Main, H. Rein, Bad Homburg vor der Hohe, and O. Eisenhut, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Artificial fiber suitable for yielding dyeings fast to fulling. 2,213,972; Sept. 10.
Von Werder, Fritz, Darmstadt, Germany, assignor to Merck & Co., Inc., Rahway, N. J. Ethers of durohydroquinone and preparing them. 2,212,531; Aug. 27.
Von Werder, Fritz, Darmstadt, Germany, assignor to Merck & Co., Inc., Rahway, N. J. Ethers of trimethylhydroquinone and preparing them. 2,212,532; Aug. 27.
Von Zeppelin, Helmut, Bitterfeld, and L. Teichmann, Leverkusen-I. G. Werk, Germany, assignors, by mesne assignments, to W. H. Dusiberg, New York, N. Y. Producing zirconium metal. 2,214,211; Sept. 10.
Voorderman, Arend, Sioux Center, Iowa. Snow plow. 2,198,237; Apr. 23.
Voorhees, Edgar, Kearney, and R. G. Ewer, East Orange, assignors to Worthington Pump and Machinery Corporation, Harrison, N. J. Refrigerating system. 2,225,491; Dec. 17.
Voorhees Rubber Mfg. Co. (See O'Hare, John J., assignor.)
Voorhees, Vanderveer. (See Rogers, T. H., and Voorhees.)
Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Underwater drilling. 2,187,871; Jan. 23.
Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Pneumatic apparatus. 2,194,341; Mar. 19.
Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Purification of gases. 2,196,281; Apr. 9.
Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Continuous chilling process for dewaxing. 2,202,542; May 28.
Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. High vacuum distillation. 2,224,621; Dec. 10.
Voorheis, Frank F., Downers Grove, Ill. Toy wagon. 2,191,184; Feb. 20.
Voorheis, Joseph T., Oakland, Calif. Adjustable gas burner. 2,196,282; Apr. 9.
Voorhies, Alexis, Jr., Baton Rouge, La., assignor to Standard Oil Development Company. Catalyst regeneration. 2,215,304; Sept. 17.
Voorhies, Alexis, Jr., Baton Rouge, La., assignor to Standard Oil Development Company. Reactivating synthetic oxide gel catalysts. 2,215,305; Sept. 17.
Voorhies, Alexis, Jr., and E. E. Stahly, Baton Rouge, La., assignors to Standard Oil Development Company. Desulphurization of gasolines. 2,185,577; Jan. 2.
Voorhies, Carl and H. E., Detroit, Mich., assignors, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio. Tappet construction. 2,185,991; Jan. 2.
Voorhies, Carl and H. E., Detroit, Mich., assignors to Eaton Manufacturing Company, Cleveland, Ohio. Tappet construction. 2,227,288; Dec. 31.
Voorhies, Harry E. (See Voorhies, Carl and H. E.)
Voorhis, Gordon, assignor to Voorhis-Tiebout Company, Inc., Rhinebeck, N. Y. Soap dispenser. 2,191,003; Feb. 20.
Voorhis-Tiebout Company. (See Voorhis, Gordon, assignor.)
Vorac Company, The. (See Anderson, Robert J., assignor.)
Vorck, Theodor, assignor to United Elastics Limited, London, England. Shuttleless loom. 2,208,886; July 23.
Vorech, Stephen, assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Antifreeze device. 2,201,936; May 21.
Vorie, Innokent N., Tonawanda, assignor to Colonial Radio Corporation, Buffalo, N. Y. Radio receiving apparatus. 2,188,490; Jan. 30.
Vorkauf, Heinrich, Berlin, Germany, assignor to La Mont Corporation, New York, N. Y. Liquid heater. 2,199,214; Apr. 30.
Vorkauf, Heinrich, Berlin, Germany, assignor to La Mont Corporation, New York, N. Y. Apparatus for obtaining uniform superheating temperatures with various boiler loads. 2,226,270; Dec. 24.
Vose, Charles H., Collingswood, N. J., assignor to Radio Corporation of America. Collapsible reel. 2,220,694; Nov. 5.
Vose, Edwin W., Orange, N. J., assignor of twenty-five per cent to the estate of H. D. Walbridge, deceased, New York, N. Y. Fan. 2,190,767; Feb. 13.
Vose, Edwin W., Orange, N. J., assignor to R. B. Small, New Rochelle, N. Y. Emptying device for vacuum cleaner bags. 2,224,092; Dec. 3.
Vose, Walter F., assignor of sixty per cent to Peter Karonis and B. B. Karstens, Bloomington, Ill. Bottled beverage cooler. 2,223,159; Nov. 26.
Vose, Walter F., assignor of sixty per cent to P. Karonis and B. B. Karstens, Bloomington, Ill. Bottled beverage cooler. 2,226,271; Dec. 24.
Vosler, Arthur E., Medina, assignor to Friend Manufacturing Co., Gasport, N. Y. Material grading or sizing machine. 2,212,676; Aug. 27.
Voss, Arthur, Frankfort-on-the-Main-Hochst, and H. Stärck, Bad Soden in Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Shaped article and preparing it. 2,188,272; Jan. 23.
Voss, Arthur, Frankfort-on-the-Main-Hochst, and W. Heuer, deceased, by J. A. A. Heuer, administratrix, Hofheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Highly viscous polymerization products and preparing them. 2,200,437; May 14.
Voss, Arthur, and W. Pense, Frankfort-on-the-Main-Hochst, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Products for fixing tanning agents and carrying out this fixing. 2,214,629; Sept. 10.
Voss, Arthur, and W. Pense, Frankfort-on-the-Main-Hochst, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Tanning material. 2,218,996; Oct. 22.
Voss, Johann H. H., White Plains, N. Y. Compressor valve assembly. 2,199,452; May 7.
Voss, John H., Downers Grove, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,200,856; May 14.
Voss, John H., Downers Grove, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone substation. 2,214,212; Sept. 10.
Voss, John H., Downers Grove, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,214,213; Sept. 10.
Voss, John H., Downers Grove, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,214,914; Sept. 17.
Voss, Walter C., New York, N. Y. Money carrier. 2,186,943; Jan. 16.
Voss, William R., Milwaukee, Wis. Baked goods, baked goods mix, and making the same. 2,197,820; Apr. 23.
Voss, William R., Milwaukee, Wis. Fresh ingredient base for food products. 2,211,678; Aug. 13.
Vossenberg, Frank A., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Industrial truck. 2,216,697; Oct. 1.

Vostrez, Victor, Lincoln, Nebr. Piston. 2,213,775; Sept. 3.
Voth, William J., Villa Park, Ill. Tail gate hinge. 2,208,691; July 23.
Votypka, John, assignor to Briggs Manufacturing Company, Detroit, Mich. Vehicle body. 2,190,462; Feb. 13.
Votypka, John, assignor to Briggs Manufacturing Company, Detroit, Mich. Vehicle body. 2,193,607; Mar. 12.
Votypka, John, assignor to Briggs Manufacturing Company, Detroit, Mich. Vehicle body. 2,193,608; Mar. 12.
Votypka, John, assignor to Briggs Manufacturing Company, Detroit, Mich. Vehicle body. 2,208,712; July 23.
Votypka, John, assignor to Briggs Manufacturing Company, Detroit, Mich. Vehicle body. 2,215,022; Sept. 17.
Vrana, Paul. (See Klemschofski, K., and Vrana.)
Vredenburgh, Dora W., Beachwood, N. J. Lip rouge applicator. 2,218,862; Oct. 22.
Vretman, Carl G., Atlanta, Ga. Punctureproof tube for tires. 2,226,453; Dec. 24.
Vrolix, Albert S. T., assignor of one-half to Société Anonyme L'Outillage R. B. V., Paris, France. Balanced gear pump. 2,212,994; Aug. 27.
Vroom, Edward, Ossining, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,202,474; May 28.
Vroom, Robert C., Montclair, N. J., assignor to Peabody Engineering Corporation, New York, N. Y. Adjustable air register. 2,210,476; Aug. 6.
Vrusho, Harry L., Worcester, Mass. Sterilizer. 2,192,112; Feb. 27.
Vulcan Copper & Supply Co., The. (See Wentworth, Theodore O., assignor.)
Vulcan Corporation. (See Allen, F., and Clausing, assignors.)
Vulcan Manufacturing Co. (See Born, Julius M., assignor.)
Vulcan Manufacturing Co. (See Hanson, Ralph W., assignor.)
Vulcan Manufacturing Co. (See McDevitt, Harry J., assignor.)
Vulcan Radiator Company, The. (See Clarke, Walter R., assignor.)
Vulcan Soot Blower Corporation. (See Arey, Fred C., assignor.)
Vulcan Soot Blower Corporation. (See Arey, F. C., and Hibner, assignors.)
Vulcan Soot Blower Corporation. (See Hibner, De Los E., Jr., and Arey, assignors.)
Vulich, Jack, assignor of one-half to M. Morris, Chicago, Ill. Safety razor. 2,221,730; Nov. 12.
Vulpen, John V., Chicago, and P. B. Parks, Oak Park, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Steam heating system for aircraft. 2,215,517; Sept. 24.
Vunovich, Eli, Kansas City, Mo. Serving stand. 2,193,384; Mar. 12.
Vutz, Wilhelm, assignor to New Idea, Inc., Coldwater, Ohio. Adjustable trailer front end support. 2,196,510; Apr. 9.
W. K. M. Company. (See Laurent, Milton P., assignor.)
W. S. A., Incorporated. (See Wendel, F. B., and Pearsall, assignors.)
W. S. A., Incorporated. (See Wendel, Frans B., assignor.)
Wabeke, Samuel, Los Angeles, Calif. Automatic lateral stabilizer for airplanes. 2,218,272; Oct. 15.
Wachowitz, Walter J., Waukesha, Wis. Producing welded metal fittings. 2,223,648; Dec. 3.
Wachsman, Jacob, Brooklyn, N. Y. Electric stop mechanism for knitting machines. 2,222,325; Nov. 19.
Wacker, Dr. Alexander, Gesellschaft fur Electrochemische Industrie G. m. b. H. (See Basel, G., and Schaeffer.)
Wacker, Alexander, Gesellschaft für Elektrochemische Industrie, G. m. b. H. (See Berg, H., Heim and Leiss, assignors.)
Wacker, Alexander, Gesellschaft für Electrochemische Industrie G. m. b. H. (See Heckmaier, J., and Kaufler, assignors.)
Wacker, Dr. Alexander Gesellschaft für Electrochemisch Industrie G. m. b. H. (See Kaufler, Felix, assignor.)
Wacker, Dr., Alexander, Gesellschaft für Elektro-Chemische Industrie, G. m. b. H. (See Wolff, Georg, assignor.)
Wacker, George W., Cincinnati, Ohio, assignor to The Grotelite Company, Bellevue, Ky. Injection molding machine. 2,198,713; Apr. 30.
Wackman, Louis B., St. Louis, Mo., assignor to American Flange & Manufacturing Co., Inc., New York, N. Y. Sealing structure for the openings of metal containers. 2,190,495; Feb. 13.
Wackman, Louis B., Richmond Heights, Mo. Constructing a threaded bung fixture in a wall of a sheet metal container. 2,207,564; July 9.
Wackman, Louis B., Richmond Heights, Mo. Thread bung fixture for sheet metal containers. 2,207,565; July 9.
Wackman, Louis B., St. Louis, Mo. Removably securing the heads of metal containers. 2,226,396; Dec. 24.
Wackrow, Roger D. (See Faulkner, H. A., and Wackrow.)
Waddell, Benson F., Jackson Heights, N. Y., assignor to The Wilcolator Company, Newark, N. J. Regulator. 2,197,229; Apr. 16.
Waddell, Benson F., Jackson Heights, N. Y., assignor to The Wilcolator Company, Newark, N. J. Thermostatic control. 2,197,230; Apr. 16.
Waddell, Dean T., Greenfield, Ohio. Merchandise display bin. 2,215,675; Sept. 24.
Waddill, Houston T., Irwin, Nebr. Sickle holding and sharpening machine. 2,188,616; Jan. 30.
Wade, Allan J., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,223,195; Nov. 26.
Wade, Henry H., Hopkins, Minn., assignor, by mesne assignments, to Minerals Beneficiation, Incorporated. Gravity separation of ores. 2,206,980; July 9.
Wade, Henry N. (See Ensign, R. F., and Wade.)
Wade, Henry N., assignor to Parkhill-Wade, Los Angeles, Calif. Extraction of gasoline from natural gas. 2,198,142; Apr. 23.
Wade, Kenneth L., New York, N. Y. Pillow. 2,188,421; Jan. 30.
Wade, Kenneth L., New York, N. Y. Incandescent lamp. 2,191,189; Feb. 20.
Wade, Ripley, New Orleans, La. Ball game. 2,212,333; Aug. 20.
Wade, Thomas E., Laramie, Wyo. Book holder. 2,203,661; June 11.
Wade, Verner. (See Eichelberger, G. R., Altick, and Wade.)
Wadsworth, Daniel V. and L. Wickenden, Manhasset, N. Y., assignors to J. J. Nangle, Greenwich, Conn. Treating sugar melts. Re. 21,498; June 25.
Wadsworth Electric Manufacturing Company, The. (See Coy, Joseph A., assignor.)
Wadsworth, Frank L. O., deceased; M. M. Wadsworth, administratrix, Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Take-out mechanism. 2,198,068; Apr. 23.
Wadsworth, Frank L. O., deceased, by M. M. Wadsworth, administratrix, Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Apparatus for shearing molten glass. 2,202,409; May 28.
Wadsworth, Frank L. O., deceased, by M. M. Wadsworth, administratrix, Pittsburgh, Pa.; said Wadsworth assignor to Ball Brothers Company, Muncie, Ind. Severing mechanism. 2,205,868; June 25.
Wadsworth, Frank L. O., deceased, by M. M. Wadsworth, administratrix, Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Glass pressing machine. 2,217,425; Oct. 8.
Wadsworth, Lester C., Detroit, Mich. Nutcracker. 2,226,272; Dec. 24.
Wadsworth, Mildred M., administratrix. (See Wadsworth, Frank L. O.)
Wadsworth Watch Case Company, The. (See Schwankhaus, Paul A., assignor.)
Waechter, Harry J. (See Katz, R., and Waechter.)
Waechter, Harry J., Mount Healthy, assignor to P. Benninghofen and F. G. Diesbach, Hamilton, Ohio, trustees. Autographic register. 2,211,304; Aug. 13.
Waechtler, Kurt, Philadelphia, Pa. Method of and apparatus for knitting. 2,187,715; Jan. 23.
Waeschle, Anton, and R. E. Allan, assignors to General Motors Corporation, Detroit, Mich. Traveling welder. 2,197,957; Apr. 23.
Wafl-Berger, Inc. (See Fink, Fred B., assignor.)
Wagar, Harold N., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Terminal and wire connection. 2,214,151; Sept. 10.
Wagener, Winfield G., Summit, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,195,474; Apr. 2.
Wagenfeld, Harry, assignor to Keystone Coat & Apron Mfg. Corp., Philadelphia, Pa. Garment fastener. 2,216,712; Oct. 1.
Wagenhals, William G., Detroit, Mich. Animated display motor. 2,186,744; Jan. 9.
Wagenhauser, Gustave, New York, N. Y. Grip claw holder. 2,195,832; Apr. 2.
Wagenknecht, Otto E., assignor to Zenith Radio Corporation, Chicago, Ill. Automobile radio receiver. 2,211,994; Aug. 20.
Wager, Robert H., Maplewood, N. J. Soot blower seal. 2,185,450; Jan. 2.
Waggoner, Travis G. (See Guhlin, G. W., and Waggoner.)
Wagler, David J., Irvington, N. J., assignor to L. J. Schlitzer, New York, N. Y. Rolling eye for dolls. 2,219,855; Oct. 29.
Wagler, Karl F., and G. A. Roach, Youngstown, Ohio. Easel for cemetery wreaths. 2,190,960; Feb. 20.
Wagner, Adam, Wetzlar-Lahn, Germany, assignor, by mesne assignments to F. Dumur, Lausanne, Switzerland. Photographic shutter brake. 2,227,237; Dec. 31.
Wagner, Cary R., assignor to The Pure Oil Company, Chicago, Ill. Converting hydrocarbon gases into liquids. 2,205,583; June 25.
Wagner, Cary R., assignor to The Pure Oil Company, Chicago, Ill. Producing motor fuels from hydrocarbon gases. 2,211,248; Aug. 13.
Wagner, Cary R., assignor to The Pure Oil Company, Chicago, Ill. Preparation and separation of aromatic hydrocarbons. 2,222,128; Nov. 19.
Wagner, Charles E., Benicia, Calif. Steam generator. 2,224,325; Dec. 10.

Wagner, E. R., Manufacturing Company. (See Miller, Swift, assignor.)
Wagner, E. R., Manufacturing Company. (See Wagner, Robert S., assignor.)
Wagner, Edwin R., St. Louis, Mo. Back or seat cover. 2,223,861; Dec. 3.
Wagner Electric Corporation. (See Ammann, B. W., and Bachmann, assignors.)
Wagner Electric Corporation. (See Boldt, Werner F., assignor.)
Wagner Electric Corporation. (See Boldt, W. F., and Freeman, assignors.)
Wagner Electric Corporation. (See Boldt, W. F., and Schnell, assignors.)
Wagner Electric Corporation. (See Cox, John C., assignor.)
Wagner Electric Corporation. (See Darling, Frank L., assignor.)
Wagner Electric Corporation. (See Dick, Burns, assignor.)
Wagner Electric Corporation. (See Dick, B., and Beard, assignors.)
Wagner Electric Corporation. (See Dick, B., and Schnell, assignors.)
Wagner Electric Corporation. (See Fites, Cyril B., assignor.)
Wagner Electric Corporation. (See Freeman, Walter R., assignor.)
Wagner Electric Corporation. (See Garrett, Harold S., assignor.)
Wagner Electric Corporation. (See Hettinger, Bernard H., assignor.)
Wagner Electric Corporation. (See Malsbary, James S., assignor.)
Wagner Electric Corporation. (See Papin, J. E., and Black, assignors.)
Wagner Electric Corporation. (See Potter, Charles P., assignor.)
Wagner Electric Corporation. (See Schnell, Steve, assignor.)
Wagner Electric Corporation. (See Schnell, S., and Boldt, assignors.)
Wagner Electric Corporation. (See Schnell, S., and Dick, assignors.)
Wagner, Electric Corporation. (See Stroup, Fred H., assignor.)
Wagner Electric Corporation. (See Weichsel, Hans, assignor.)
Wagner Electric Corporation. (See Wulfert, Otto, assignor.)
Wagner, Erich, Eichwalde, near Berlin, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,203,115; June 4.
Wagner, Erich, Eichwalde, near Berlin, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,203,116; June 4.
Wagner, Firma Guenther. (See Kovács, Theodor, assignor.)
Wagner, Fred, Long Island City, N. Y. Chair construction. 2,218,863; Oct. 22.
Wagner, Fred H., Jr., assignor to Niagara Blower Company, New York, N. Y. Evaporative cooling system. 2,213,421; Sept. 3.
Wagner, George. (See Ketter, G. P., and Wagner.)
Wagner, George P. (See Gerosa, L., and Wagner.)
Wagner, Gilbert F. (See Snyder, Raymond M., assignor.)
Wagner, Heinrich, Laasphe-on-the-Lahn, assignor to Müller und Wagner, Modell u. Maschinenbau, Wallau near Biedenkopf, Lahn, Germany. Method of and machine for preparing molding and packing sand and like material. 2,192,462; Mar. 5.
Wagner, Henry A., Etna, and J. Gahagan, Sharpsburg, Pa. Folding truck for laundry baskets. 2,206,857; July 2.
Wagner, Henry D., assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Composite board. 2,187,335; Jan. 16.
Wagner, Herbert, Dessau, Germany, assignor to Junkers Flugzeug-und-Motorenwerke, Aktiengesellschaft. Aircraft having its wings provided with disturbing bodies. 2,218,128; Oct. 15.
Wagner, Herbert, and P. von Doepp, assignors to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau, Germany. Balancing the torques acting on control surfaces. 2,211,870; Aug. 20.
Wagner, Herbert, and B. v. Schlippe, assignors to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau, Germany. Transferring air from one portion of the skin layer to another. 2,211,871; Aug. 20.
Wagner, Herbert L., Detroit, assignor to Detroit Stoker Company, Monroe, Mich. Cinder trap. 2,189,234; Feb. 6.
Wagner, Herbert M., Newark, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Amplifier. 2,198,323; Apr. 23.
Wagner, Herbert M., Kearny, N. J., assignor to Radio Corporation of America. Magnetic volume control. 2,221,743; Nov. 12.
Wagner, Hermann. (See Balle, G., Wagner, and Nold.)
Wagner, John P., and H. C. Rau, Chicago, Ill. Tower wagon. 2,196,511; Apr. 9.
Wagner, Karl. (See Scheller, H., Wagner, and Aikele.)
Wagner, Karl F., Friedrichshafen, Bodensee, Germany. Casting press. 2,206,211; July 2.
Wagner, Le Roy R. (See Stolp, S. S., and Wagner.)
Wagner, Matthew, Glendale, Calif. Permanent molding apparatus. 2,190,496; Feb. 13.
Wagner, Melvin, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Container. 2,201,416; May 21.
Wagner, Melvin, assignor to The Liquid Carbonic Corp., Chicago, Ill. Preparing a container material. 2,208,060; July 16.
Wagner-Morehouse, Inc. (See Morehouse, Harry C., assignor.)
Wagner, Nicholas H., Jr., Media, Pa. Horse boot. 2,194,921; Mar. 26.
Wagner, Paul H., Milwaukee, Wis. Oil filter. 2,188,745; Jan. 30.
Wagner, Quillar I., Villa Park, Ill. Heating apparatus. 2,191,064; Feb. 20.
Wagner, Richard E., Forest Hills, Long Island, N. Y. Water softening apparatus. 2,209,487; July 30.
Wagner, Robert H., Glen Rock, assignor to Westinghouse Electric Elevator Company, Jersey City, N. J. Elevator control system. 2,210,695; Aug. 6.
Wagner, Robert L., Niagara Falls, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Metal shaping process and apparatus. 2,202,130; May 28.
Wagner, Robert L., Niagara Falls, N. Y., assignor, by mesne assignments, to Oxweld Acetylene Company. Circle cutting apparatus. 2,202,131; May 28.
Wagner, Robert S., assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Hinge. 2,188,670; Jan. 30.
Wagner, Robert S., assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Hinge. 2,210,515; Aug. 6.
Wagner, Robert W., assignor to Detroit Harvester Company, Detroit, Mich. Power take-off assembly. 2,195,908; Apr. 2.
Wagner, Robert W., assignor to Detroit Harvester Company, Detroit, Mich. Power take-off assembly. 2,195,909; Apr. 2.
Wagner, Robert W., assignor to Detroit Harvester Company, Detroit, Mich. Mowing machine. 2,204,333; June 11.
Wagner, Robert W., assignor to Detroit Harvester Company, Detroit, Mich. Mowing structure. 2,204,334; June 11.
Wagner, Robert W., assignor to Detroit Harvester Company, Detroit, Mich. Mounting for mower mechanism. 2,204,335; June 11.
Wagner, Robert W., assignor to Detroit Harvester Company, Detroit, Mich. Sweeper. 2,212,677; Aug. 27.
Wagner, Robert W., assignor to Detroit Harvester Company, Detroit, Mich. Reversible drive mechanism. 2,218,368; Oct. 15.
Wagner, Robert W., Chelsea, Mich. Gear shifter means. 2,223,649; Dec. 3.
Wagner Sign Service, Inc. (See Auer, George A., assignor.)
Wagner Sign Service, Incorporated. (See Wagner, Walter, assignor.)
Wagner Sign Service, Incorporated. (See Wagner, Walter S., assignor.)
Wagner, Theodore B., Brooklyn, N. Y. Manufacturing articles of food from Indian corn. 2,192,212; Mar. 5.
Wagner, Walter, assignor to Wagner Sign Service, Incorporated, Chicago, Ill. Display sign. 2,224,069; Dec. 3.
Wagner, Walter C., Ardmore, Pa. Electric meter. 2,218,668; Oct. 22.
Wagner, Walter S., assignor to Wagner Sign Service, Incorporated, Chicago, Ill. Display device. 2,193,502; Mar. 12.
Wagstaff, Richard A., Salt Lake City, Utah, assignor to American Smelting and Refining Company, New York, N. Y. Copper smelting. 2,221,620; Nov. 12.
Wagstaffe, Charles F. A., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Wireless direction finding system. 2,213,874; Sept. 3.
Wahl, Albert, Heidenheim-on-the-Brenz, Wurttemberg, Germany, assignor to Voith-Schneider Propeller Company, New York, N. Y. Blade wheel propeller. 2,224,326; Dec. 10.
Wahl, Albert, Heidenheim-Brenz, and L. Glimann, Heidenheim-Mergelstetten, Germany. Pressure actuated valve. 2,226,031; Dec. 24.
Wahl, Arthur R., Crestview, Md. Electric razor support. 2,196,786; Apr. 9.
Wahl, Edmund D., East St. Louis, Ill. Insulating window. 2,216,332; Oct. 1.
Wahl, John C., Chicago, Ill. Pencil. 2,210,845; Aug. 6.
Wahl, John C., assignor to Lion Manufacturing Corporation, Chicago, Ill. Lever lock mechanism. 2,189,051; Feb. 6.
Wahl, Karl, Berlin-Treptow, Germany. Projecting films. 2,211,185; Aug. 13.
Wahl, Leo J., Sterling, Ill. Grinder. 2,191,600; Feb. 27.
Wahl, Leo J., Sterling, Ill. Electromagnetically driven motor. 2,218,837; Oct. 22.
Wahl, Milton H. (See Cook, M. A., Gawthrop, Wahl, and Woodbury.)
Wahl, Ottmar. (See Müller, W., Wahl, and Teupel.)
Wahl, Ottmar. (See Teupel, E., and Wahl.)

Wahlberg, John, East Orange, N. J. Ball. 2,219,154; Oct. 22.
Wahlberg, John, East Orange, N. J. Planetarium. 2,226,032; Dec. 24.
Wahlberg, Nils E., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Air conditioning system for automobiles. 2,185,486; Jan. 2.
Wahlberg, Nils E., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Ventilating system for automobiles. 2,203,477; June 4.
Wahlgren, Albert W., Lansing, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of sulphuric acid. 2,207,364; July 9.
Wahlin, Fred W. (See Bramsen, S., and Wahlin.)
Wahlmark, Gunnar A., Rockford, Ill. Hydraulic motor or pump. 2,190,812; Feb. 20.
Wahlmark, Gunnar A., Rockford, Ill. Rotary hydraulic motor or pump. 2,193,503; Mar. 12.
Wahlmark, Gunnar A., Rockford, Ill. Hydraulic circuit. 2,214,389; Sept. 10.
Wahlmark, Gunnar A., Rockford, Ill. Fluid pressure generating and control means. 2,214,390; Sept. 10.
Wahlmark, Gunnar A., Rockford, Ill. Seal. 2,216,218; Oct. 1.
Wahlquist, Hugo W., Mount Vernon, N. Y. Communication and power system. 2,212,963; Aug. 27.
Wahlstrom, Oscar W., Monroe, La. Treating industrial effluents. 2,213,330; Sept. 3.
Wainer, Eugene. (See Kinzie, C. J., and Wainer.)
Wainer, Eugene. (See Plunkett, J. A., and Wainer.)
Wainwright, Carlyle H., T. L. Mountain, and F. E. Deans, assignors to The Bentley Engineering Company Limited, Leicester, England. Thread guide and support therefor. 2,206,212; July 2.
Wainwright, Carlyle H., T. L. Mountain, and F. E. Deans, assignors to The Bentley Engineering Company Limited, Leicester, England. Thread-handling device. 2,213,788; Sept. 3.
Wainwright, Herbert, Baldwin, assignor, by mesne assignments, to National Seal Corporation, Brooklyn, N. Y. Closure. 2,206,143; July 2.
Wainwright, James A. (See Wrathall, R. T., Allan, and Wainwright.)
Wainwright, Joseph. (See Scott, A. B., Hummel, Tullar, and Wainwright.)
Waisman, Hyman, Long Island City, assignor to Perfect Thread Co., Inc., Brooklyn, N. Y. Traverse bar for winding and similar machines. 2,218,732; Oct. 22.
Waisner, Ward W., M. W. Martin, and N. B. Lantz. Indianapolis, Ind. Liquid and gas mixing nozzle. 2,217,975; Oct. 15.
Wait, William B., New York, N. Y. Speed and cutoff indicator for locomotives. 2,209,670; July 30.
Wait, William B., New York, N. Y. Train control system. 2,216,713; Oct. 1.
Waite, Alden C., Santa Monica, Calif. Typewriter character spacing means. 2,220,185; Nov. 5.
Waite, Alden, Santa Monica, and C. F. Waite, Beverly Hills, Calif. Variable spacing mechanism for typewriters. 2,220,184; Nov. 5.
Waite Carpet Company. (See Beck, August, assignor.)
Waite, Charles F., Cambridge, Mass., assignor, by mesne assignments, to N. R. Pearson and E. Dennett. Rotary pump. 2,221,501; Nov. 12.
Waite, Clark F. (See Waite, Alden C. and C. F.)
Waite, George, assignor to Irving Air Chute Company, Inc., Buffalo, N. Y. Parachute apparatus. 2,192,113; Feb. 27.
Waite, John P., Milwaukee, Wis. Excavator. 2,196,649; Apr. 9.
Waite, Ralph B. (See Johnson, Carl O., assignor.)
Waite, William A., Providence, R. I. Firebrick wall construction. 2,212,411; Aug. 20.
Waite, William A., Providence, R. I. Furnace wall construction. 2,212,412; Aug. 20.
Wakefield, John C., Winthrop, Mass. Retort for char kilns. 2,191,920; Feb. 27.
Wakeman, Jesse G., Shinhopple, N. Y. Extension leg. 2,205,869; June 25.
Walaity, Anthony C., assignor of thirty-five per cent to M. Abbink, Nutley, N. J. Light display device. 2,193,577; Mar. 12.
Walberg, Bernard E., Worcester, Mass. Musical instrument of the flute type. 2,202,410; May 28.
Walberg, Herbert J., Chicago, and E. F. Peters, Chicago Heights, assignors to Borg-Warner Corporation, Chicago, Ill. Apparatus for welding tubing. 2,215,676; Sept. 24.
Walbridge, Henry D., Estate of. (See Vose, Edwin W., assignor.)
Walcher, Chester R. (See West, L. L., and Walcher.)
Walczak, Chester J. (See Kaboskey, B. F., and Walczak.)
Wald, George, Fort Totten, N. Y. Picture transmitter. 2,217,326; Oct. 8.
Wald Mfg. Co. (See Pawsat, Ewald F., assignor.)
Waldeck, William F., Wadsworth, and R. J. Ketterer, Barberton, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Treating alkali metal hydroxide solutions. 2,207,566; July 9.
Walden, George B., assignor to Eli Lilly and Company, Indianapolis, Ind. Therapeutic product and preparing it. 2,219,350; Oct. 29.
Walden, Leslie L., Jr., Howe, Tex. Paper dispenser. 2,198,926; Apr. 30.
Waldes Koh-I-Noor, Inc. (See Axthelm, Hermine, assignor.)
Waldes Koh-I-Noor, Inc. (See Soave, John G., assignor.)
Waldeyer, Carl, San Francisco, Calif. Optical projection device. 2,186,052; Jan. 9.
Waldheim, John, Elizabeth, N. J. Loosening a window sash from its frame. 2,186,944; Jan. 16.
Waldinger, Maurice J., Flushing, N. Y. Fountain pen. 2,200,648; May 14.
Waldman, Nathan, and E. Polimac, assignors to G. I. and H. Goldwyn, Chicago, Ill. Sewing machine. 2,223,471; Dec. 3.
Waldmann, Edmund. (See Chwala, A., and Waldmann.)
Waldmann, Edmund, Klosterneuburg, and A. Chwala, Vienna, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Manufacture of imidazolines. 2,215,861; Sept. 24.
Waldmann, Edmund, Klosterneuburg, and A. Chwala, Vienna, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Manufacture of imidazolines. 2,215,862; Sept. 24.
Waldmann, Edmund, Klosterneuburg, and A. Chwala, Vienna, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Manufacture of imidazolines. 2,215,863; Sept. 24.
Waldmann, Edmund, Klosterneuburg, and A. Chwala, Vienna, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Manufacture of imidazolines. 2,215,864; Sept. 24.
Waldo, Pharez G. (See Sachanen, A. N., and Waldo.)
Waldo, Robert, assignor to American Flange & Manufacturing Co., New York, N. Y. Insulation testing instrument. 2,204,836; June 18.
Waldorf Paper Products Company. (See Boeye, Paul F., assignor.)
Waldorf Paper Products Company. (See Calva, Jose B., assignor.)
Waldorf Paper Products Company. (See Cullen, H. E., and Ronning, assignors.)
Waldorf Paper Products Company. (See Guyer, Reynolds, assignor.)
Waldorf Paper Products Company. (See Hartig, Henry E., assignor.)
Waldorf Paper Products Company. (See Schilling, Paul A., assignor.)
Waldrich Company. (See Flynn, O. R., and Richardson, assignors.)
Waldrich Company. (See Kernal, Frank L., assignor.)
Waldron, Frederick A., Westfield, N. J. Apparatus for manufacturing inked ribbons. 2,203,241; June 4.
Waldron, George E., East Orange, assignor to Hoffman Beverage Company, Newark, N. J. Container capping apparatus. 2,193,440; Mar. 12.
Waldron, John, Corporation. (See Case, Lynn B., assignor.)
Waldron, John, Corporation. (See Dickhaut, C. A., and Case, assignors.)
Waldschmidt, Ernst, Berlin-Siemensstadt, assignor to Fides Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung, Berlin, Germany. Glass-metal seal. 2,190,302; Feb. 13.
Waldschmidt, Ernst, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Electron valve. 2,227,046; Dec. 31.
Waldvogel, Albert C., Richmond Heights, Mo. Coffee roasting apparatus. 2,188,969; Feb. 6.
Walen, Ernest A., and F. W. Wilbur, Springfield, Mass. Imparting color finish to ferrous metal articles. 2,192,280; Mar. 5.
Walensky, Marjorie D. M., assignor to Easycantop Limited, London, England. Can. 2,210,225; Aug. 6.
Walenta, Paul, Sturtevant, Wis. Rocking chair. 2,222,578; Nov. 19.
Wales, Harry N., Kew, Victoria, Australia. Differential driving mechanism. 2,220,432; Nov. 5.
Walgreen Co. (See Sponsel, Carl J., assignor.)
Walicki, Mathew, Chicago, Ill. Thread tool gauge. 2,212,802; Aug. 27.
Walk, Louis E., Drumright, Okla. Safety inner tube for pneumatic tires. 2,226,646; Dec. 31.
Walker, Albert C., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone substation apparatus. 2,197,844; Apr. 23.
Walker, Alec H. B. (See Stevens, S. A., and Walker.)
Walker, Alec H. B., and E. A. Sheppard, London, England, assignors, by mesne assignments, to The Union Switch & Signal Company. Apparatus for the production of electric oscillations. 2,215,893; Sept. 24.
Walker, Alice F., executrix. (See Walker, Mark.)
Walker, Arnold W., assignor of one-half to F. Schultz, Detroit, Mich. Tenpin. 2,195,687; Apr. 2.
Walker, Benjamine F., Sr., Houston, Tex. Rotary drilling tool. 2,210,824; Aug. 6.
Walker, Bernard F., Cedarhurst, assignor to Metaplast Corporation, New York, N. Y. Stencil. 2,200,314; May 14.
Walker, Bernard F., Cedarhurst, assignor to Metaplast Corporation, New York, N. Y. Metal coated plastic material and producing the same. 2,214,646; Sept. 10.
Walker, Brooks, Piedmont, Calif. Venetian blind. 2,200,349; May 14.
Walker, Cassius M. (See Acree, J. F., Rizer, and Walker.)

Walker, Clinton L., Piedmont, Calif. Internal combustion engine. 2,197,282; Apr. 16.
Walker, Cranford P., San Marino, Calif. Determining fluid density, fluid pressure, and the production capacity of oil wells. Re. 21,383; Mar. 5.
Walker, Cranford P., San Marino, Calif. Pressure wave velocity measuring system. 2,190,141; Feb. 13.
Walker, Cranford P., San Marino, Calif. Measuring location of obstructions in deep wells. 2,209,944; July 30.
Walker, E. E. (See Vanderveer, Jewell W., assignor.)
Walker, Earl, Sullivan, Ill. Valve construction. 2,197,231. Apr. 16.
Walker, Earl M. (See Woodford, W. H., Walker, and Schilling.)
Walker, Edward, Cliffside Park, N. J. Valve. 2,194,960; Mar. 26.
Walker, Edward, Cliffside Park, N. J. Valve. 2,194,961; Mar. 26.
Walker, Edward H., Somerset, Pa. Fog light. 2,220,832; Nov. 5.
Walker, Edwin O., Chicago, Ill. Burglar alarm system. 2,187,507; Jan. 16.
Walker, Eric E. (See Charlton, W., Hill, Walker, and Walters.)
Walker, Eric E. (See Evans, J. G., Piggott, Reynolds, Rose and Walker.)
Walker, Eric E. (See Hill, A., and Walker.)
Walker, Eric E. (See Reynolds, R. J. W., and Walker, assignors.)
Walker, Ernest F. (See Gilbert, Walter, Sr., assignor.)
Walker, Floyd M., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Steering wheel. 2,215,677; Sept. 24.
Walker, Forrest A., Oak Park, Ill., assignor, by mesne assignments, to Edison General Electric Appliance Company, Inc. Dishwashing apparatus. 2,194,342; Mar. 19.
Walker, Frank H. (See Ewing, G. W., Chandler, and Walker.)
Walker, Frederick P., assignor to The Crittall Manufacturing Company, Limited, London, England. Window. 2,225,809; Dec. 24.
Walker, George A., assignor to Pollak Manufacturing Company, Arlington, N. J. Metal cutting tool. 2,225,326; Dec. 17.
Walker, George A., assignor to Pollak Manufacturing Company, Arlington, N. J. Toolholder. 2,225,327; Dec. 17.
Walker, George H., assignor to Heenan & Froude Limited, Worcester, England. Apparatus for exposing liquids to direct contact with air or gases. 2,206,440; July 2.
Walker, George L., Jersey City, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Flame hardening torch. 2,188,637; Jan. 30.
Walker, George W., Golden Meadow, La. Double acting pump for wells. 2,193,150; Mar. 12.
Walker, Henry B., Elkins Park, and P. W. McWherter, assignors to Röhm & Haas Company, Philadelphia, Pa. Leather finishing. 2,204,520; June 11.
Walker, Henry O., assignor to Hammond Iron Works, Warren, Ohio. Tank construction. 2,186,185; Jan. 9.
Walker, Henry O., assignor to Hammond Iron Works, Warren, Pa. Tank construction. 2,220,186; Nov. 5.
Walker, Howard, assignor to Bendix Radio Corporation, Chicago, Ill. Control apparatus. 2,200,728; May 14.
Walker, James C., New Orleans, La. Automatic printing roll control. 2,224,714; Dec. 10.
Walker, James D., assignor to The American Well Works, Aurora, Ill. Rotary distributor. 2,214,188; Sept. 10.
Walker, John C., assignor to Cities Service Oil Company, Bartlesville, Okla. Production of hydrocarbon-oxygen compounds. 2,186,688; Jan. 9.
Walker, Joseph B., Los Angeles, Calif. Photographic diffusion device. 2,211,037; Aug. 13.
Walker, Joseph B., Los Angeles, Calif. Photographic camera. 2,211,995; Aug. 20.
Walker, Joseph F. (See Scott, N. D., and Walker.)
Walker, Kate E., Oklahoma City, Okla. Portable hand loom. 2,190,813; Feb. 20.
Walker, Louis E. Q., Chelmsford, England, assignor to Radio Corporation of America. Television system. 2,203,758; June 11.
Walker, Luther E. O., Gary, Ind. Spotlight. 2,192,114; Feb. 27.
Walker Manufacturing Company. (See Gunn, Earl G., assignor.)
Walker Manufacturing Company. (See Needham, James H., assignor.)
Walker Manufacturing Company of Wisconsin. (See Jensen, G., and Powers, assignors.)
Walker Manufacturing Company of Wisconsin. (See Mizer, Joseph J., assignor.)
Walker, Marcus A., et al. (See Hague, Harold G., assignor.)
Walker, Marcus A., Scranton, Pa., assignor to himself and Provident Trust Company of Philadelphia, Philadelphia, Pa., as trustees under the will of T. M. Chance, deceased. Separation of materials of different specific gravities. 2,220,925; Nov. 12.
Walker, Margaret M., executrix. (See Argabrite, G. M., Stout, and Leach.)
Walker, Mark, deceased; A. F. Walker, executrix, South Pasadena, Calif., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of liquid hydrocyanic acid. 2,194,370; Mar. 19.
Walker, Nelson. (See Eshbaugh, J. E., and Walker.)
Walker, Nelson, Flint, assignor to General Motors Corporation, Detroit, Mich. Radiator overflow valve. 2,191,636; Feb. 27.
Walker, Nevilles E., Portland, Oreg. Toy airplane construction. 2,186,051; Jan. 9.
Walker, Nevilles E., Portland, Oreg. Toy glider. 2,221,012; Nov. 12.
Walker, O. S., Co. Inc. (See Beechlyn, John T., assignor.)
Walker & Pratt Manufacturing Company. (See Esson, Edwin, assignor.)
Walker, Ralph G., Los Angeles, Calif., assignor to Kelite Products, Inc. Apparatus for comparing floor materials. 2,225,140; Dec. 17.
Walker, Raymond A., assignor by mesne assignments, to United States Rubber Company, New York, N. Y. Electrical connector and spring contact therefor. 2,213,293; Sept. 3.
Walker, Raymond R., and G. S. Hahne, Follansbee, W. Va. Amusement riding apparatus. 2,202,543; May 28.
Walker-Turner Company. (See Ocenasek, William F., assignor.)
Walker, Victor. (See Beck, E. W., and Walker.)
Walker, Victor. (See Cunningham, A. J., and Walker.)
Walker, Walter O. (See Ehman, P. J., and Walker.)
Walker, Wesley S., Larchmont, N. Y., assignor to The Linde Air Products Company. Oxy-gas cutting method. 2,209,682; July 30.
Walker, William, London, England, assignor to Celanese Corporation of America. Making of articles from sheet material. 2,201,253; May 21.
Walker, William T., Riverton, N. J., assignor to Radio Corporation of America. Phonograph record blank. 2,216,970; Oct. 8.
Walkers (Liverpool) Limited. (See Harris, Sydney, assignor.)
Walklet, Mercer D., Akron, Ohio, assignor, by mesne assignments, to American Chain & Cable Company, Inc. Automobile bumper construction. 2,214,514; Sept. 10.
Walko, Edward E. (See Palmer, T. D., and Walko.)
Walkup, Samuel T., Brooklyn, N. Y. Electric smoothing iron device. 2,222,327; Nov. 19.
Wall, Horace, Schenectady, N. Y., assignor to General Electric Company. Heat exchanger. 2,226,291; Dec. 24.
Wall, James R. (See Morrow, J. E., and Wall.)
Wall, John M., and L. M. Thorn, Syracuse; said Thorn assignor to General Theatres Equipment Corporation, New York, N. Y. Power operated razor. 2,216,994; Oct. 8.
Wall, Joseph E., St. Louis, Mo. Lock. 2,213,264; Sept. 3.
Wall, T., & Sons Limited. (See Stonestreet, George A.)
Wallace, Archibald L., Brooklyn, N. Y., assignor to R. H. Crook, as trustee. Continuous vulcanizer. 2,187,253: Jan. 16.
Wallace, Archibald L., Northport, N. Y., assignor to R. H. Crook, trustee. Continuous vulcanizer. 2,187,254; Jan. 16.
Wallace, Archibald L., Northport, N. Y., assignor, by mesne assignments, of one-half to A. L. Wallace, and one-half to Cherryfield Corporation. Vulcanizer. 2,205,112; June 18.
Wallace, Arthur M., assignor to Bundy Tubing Company, Detroit, Mich. Tube making apparatus. 2,213,152; Aug. 27.
Wallace, Benjamin F. and B. P.; said B. F. Wallace assignor to M. Wallace and said B. P. Wallace, Brooklyn, N. Y., jointly. Core binder. 2,215,825; Sept. 24.
Wallace, Bert A., Oak Park, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system. 2,187,186; Jan. 16.
Wallace, Bert A., Oak Park, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Remote reading register. 2,192,241; Mar. 5.
Wallace, Bert A., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Common battery cord circuit. 2,201,358; May 21.
Wallace, Bert A., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Gang relay. 2,209,214; July 23.
Wallace, Burgess P. (See Wallace, Benjamin F. and B. P.)
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Apparatus for reproducing movement. 2,185,482; Jan. 2.
Wallace, Charles F., Westfield, and J. R. MacKay, West Caldwell, assignors to Wallace & Tiernan Products, Inc., Belleville, N. J. Signal device. 2,195,374; Mar. 26.
Wallace, Charles F., Westfield, assignor to Novadel-Agene Corporation, Belleville, N. J. Beverage container. 2,206,830; July 2.
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Synchronous selector apparatus. 2,222,218; Nov. 19.
Wallace, Charles S., et al. (See Wallace, William H., assignor.)
Wallace, Clarence R. and R. Burgess, United States Marine Corps. Multiple outlet system for audio-frequencies. 2,205,447; June 25.

Wallace, Clifford N., Jr., assignor to Mooresville Cotton Mills Company, Mooresville, N. C. Towel selvage construction. 2,194,038; Mar. 19.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lapping apparatus. 2,195,047; Mar. 26.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lapping apparatus. 2,195,049; Mar. 26.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Method and means for grinding. 2,195,050; Mar. 26.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lapping apparatus. 2,195,051; Mar. 26.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lapping apparatus. 2,195,052; Mar. 26.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lapping apparatus. 2,195,053; Mar. 26.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Honing tool. 2,195,055; Mar. 26.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lapping apparatus and method. 2,195,056; Mar. 26.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lapping apparatus. 2,195,057; Mar. 26.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Brake shoe lapping apparatus. 2,195,059; Mar. 26.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lapping apparatus. 2,195,061; Mar. 26.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lapping apparatus and method. 2,195,062; Mar. 26.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lapping apparatus. 2,195,063; Mar. 26.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lapping apparatus and method. 2,195,064; Mar. 26.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Finishing apparatus and method. 2,195,065; Mar. 26.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Surface finishing apparatus. 2,195,066; Mar. 26.
Wallace, David A., Detroit, Mich., assignor of one-tenth to G. Wallace, Burwell, Nebr. Food treating and dispensing apparatus. 2,208,651; July 23.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Burnishing apparatus. 2,222,270; Nov. 19.
Wallace, David A., and E. C. Lee, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Crankshaft lapping machine. 2,195,048; Mar. 26.
Wallace, David A., and E. C. Lee, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Lapping apparatus. 2,195,054; Mar. 26.
Wallace, David A., and E. C. Lee, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Crankshaft lapping machine. 2,195,058; Mar. 26.
Wallace, David A., and E. C. Lee, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Lapping apparatus. 2,195,060; Mar. 26.
Wallace, David A., Detroit, R. L. Smith, St. Clair Shores, and A. M. Fleming, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Spraying apparatus. 2,195,475; Apr. 2.
Wallace, Donald D., Muskegon, Mich. Piston ring. 2,222,922; Nov. 26.
Wallace, Frank B., Phoenix, Ariz. Roof construction. 2,198,685; Apr. 30.
Wallace, Frank R. (See Ramsden, J. T., and Wallace.)
Wallace, Frank R., and J. T. Ramsden, assignors to The Tabor Manufacturing Company, Philadelphia, Pa. Dibbling machine. 2,205,997; June 25.
Wallace, Frederick J., Erie, Pa., assignor to Robeson Process Company, New York, N. Y. Finishing leather. 2,186,509; Jan. 9.
Wallace, Fredrick J., Erie, Pa., assignor to Robeson Process Company, New York, N. Y. Flocculating aqueous liquids. 2,200,784; May 14.
Wallace, Frederick J., Erie, Pa., assignor to Robeson Process Company, New York, N. Y. Manufacture of resins from lignin. 2,209,289; July 23.
Wallace, Gaylord. (See Wallace, David A., assignor.)
Wallace, Henry A., as Secretary of Agriculture of United States of America. (See Bowen, Charles Verne, assignor.)
Wallace, Henry A., as Secretary of Agriculture of the United States of America, and his successors in office. (See Smith, Lloyd E., assignor.)
Wallace, Herbert A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,194,371; Mar. 19.
Wallace, Jeffrey J., assignor to Gullett Gin Company, Amite, La. Huller gin. 2,187,673; Jan. 16.
Wallace, Jeffrey J., assignor to Gullett Gin Company, Amite, La. Huller type cotton gin. 2,188,826; Jan. 30.
Wallace, Jeffrey J., assignor to Gullett Gin Company, Amite, La. Cotton press lock. 2,219,970; Oct. 29.
Wallace, John F. (See Krieger, E. W., and Wallace.)
Wallace, John F., Shaker Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Landing wheel mounting for aircraft. 2,192,281; Mar. 5.
Wallace, John F., Shaker Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Fluid motor. 2,221,121; Nov. 12.
Wallace, John F., assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Resilient strut. 2,196,089; Apr. 2.
Wallace, John M., trustee. (See Bright, Elvin M., assignor.)
Wallace, Joseph, Cedarhurst, N. Y. Pen point. 2,214,494; Sept. 10.
Wallace, Joseph, Cedarhurst, N. Y. Stylographic pen. 2,217,502; Oct. 8.
Wallace, Leon L. (See Stebbing, P. H., and Wallace.)
Wallace, Matilda, et al. (See Wallace, Benjamin F. and B. P.)
Wallace, Percy J. (See Giovanni, J. A., and Wallace.)
Wallace, Peter J., et al. (See Darling, Louis H., assignor.)
Wallace Press, The. (See Otis, Erial B., assignor.)
Wallace, Robert H., Lakewood, assignor to The Midland Steel Products Company, Cleveland, Ohio. Automobile frame. 2,189,719; Feb. 6.
Wallace & Tiernan Company. (See Kirwan, John O., assignor.)
Wallace & Tiernan Company. (See Sparling, Raymond W., assignor.)
Wallace & Tiernan Products, Inc. (See MacKay, John R., assignor.)
Wallace & Tiernan Products, Inc. (See Merckel, Frederick G., assignor.)
Wallace & Tiernan Products, Inc. (See Wallace, Charles F., assignor.)
Wallace & Tiernan Products, Inc. (See Wallace, C. F., and MacKay, assignors.)
Wallace, Vard B., Sierra Madre, Calif., assignor to Vard Mechanical Laboratory. Drafting instrument chuck and wrench. 2,192,422; Mar. 5.
Wallace, Vard B., Sierra Madre, Calif., assignor to Vard Mechanical Laboratories. Drafting machine. 2,226,882; Dec. 31.
Wallace, W. D., Milwaukie, assignor to C. W. Johnston, Portland, Oreg. Safety device. 2,220,592; Nov. 5.
Wallace, Wallace E., Jr., Shreveport, La. Exposure meter. 2,195,548; Apr. 2.
Wallace, William D. (See Share, M., and Wallace.)
Wallace, William H., assignor of one-third to L. W. Anderson, Jacksonville, Fla., and one-third to C. S. Wallace, Morehead City, N. C. Bottle holder and lock. 2,208,483; July 16.
Wallach, Carl D., Newburgh, assignor to American Flange and Manufacturing Company, Inc., New York, N. Y. Refrigerator structure and insulation therefor. 2,196,373; Apr. 9.
Wallach, Carl D., Newburgh, assignor to American Flange and Manufacturing Company, Inc., New York, N. Y. Refrigerator structure and corner construction therefor. 2,220,501; Nov. 5.
Walla Walla Iron Works, Inc. (See Coburn, Ernest, assignor.)
Walle, Ludwig S., Lansdowne, Pa., assignor to General Electric Company. Circuit breaker. 2,185,823; Jan. 2.
Wallen, Frank, assignor to Superior Sleeprite Corporation, Chicago, Ill. Bed light. 2,225,727; Dec. 24.
Waller, Anthony C. E., Warwick, R. I., assignor to A. E. Waller Company, Inc. Spring ring. 2,222,053; Nov. 19.
Waller, A. E., Company. (See Waller, Anthony C. E., assignor.)
Waller, Carl R. (See Miller, J. S., and Waller.)
Waller, John A., Beverly Hills, Calif. Culinary device. 2,189,354; Feb. 6.
Waller, John A., Beverly Hills, Calif. Portable vise. 2,204,837; June 18.
Waller, John A. Beverly Hills, assignor of one-half to C. E. Mockbee, Los Angeles, Calif. Garden implement. 2,212,057; Aug. 20.
Waller, John A., Beverly Hills, and C. E Mockbee, Los Angeles, Calif. Culinary device. 2,223,722; Dec. 3.
Waller, Leland C., Rutherford, N. J., assignor to Radio Corporation of America. Automatic modulation control. 2,227,206; Dec. 31.
Waller, Lloyd R. (See Dreisbaugh, Perry B., assignor.)
Wallerich, George W., River Forest, assignor to V. Mueller & Co., Chicago, Ill. Catheter. 2,212,334; Aug. 20.
Wallerstein Company. (See Pfannmuller, Julius, assignor.)
Wallerstein Company. (See Pfannmuller, J., and Schleich, assignors.)
Wallerstein Company. (See Stone, Irwin, assignor.)
Wallerstein Company. (See Wallerstein, James S., assignor.)
Wallerstein Company. (See Wallerstein, L., and Pfannmuller, assignors.)
Wallerstein, James S., assignor to Wallerstein Company, Inc., New York, N. Y. Producing fermented malt beverages. 2,223,753; Dec. 3.
Wallerstein, Leo, New York, N. Y. Treating beers and ales. 2,206,066; July 2.

Wallerstein, Leo, New York, N. Y., and J. Pfannmuller, North Plainfield, N. J., assignors to Wallerstein Company, Inc., New York, N. Y. Composition of matter. 2,226,883; Dec. 31.
Wallett, Oliver D., Richmond Hill, N. Y. Pencil sharpener. 2,216,681; Oct. 1.
Wallgren, August G. F., Stockholm, assignor, by mesne assignments, to Aktiebolaget Nomy, Lidkoping, Sweden. Bearing. 2,191,901; Feb. 27.
Wallgren, August G. F., Stockholm, assignor to A. B. Svenska Kullagerfabriken, Goteborg, Sweden. Bearing. 2,219,669; Oct. 29.
Wallgren, August G. F., assignor to Aktiebolaget Bolinder-Munktell, Eskilstuna, Sweden. Valve for engines and the like. 2,222,730; Nov. 26.
Wallgren, August G. F., assignor to Aktiebolaget Bolinder-Munktell, Eskilstuna, Sweden. Valve grinding device for engines. 2,222,731; Nov. 26.
Walling, Walter D., assignor of one-half to C. C. Haskell, Granger, Iowa. Quick opening vehicle hauling compartment. 2,226,033; Dec. 24.
Wallis, Cyril T. (See Hutchins, W. H., and Wallis.)
Wallis, Cyril T., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Motor control system. 2,199,601; May 7.
Wallis, Cyril T., Rochester, N. Y., and R. E. Fowler, Birmingham, assignors to General Motors Corporation, Detroit, Mich. Oil burner control. 2,201,328; May 21.
Wallis, Cyril T., Rochester, N. Y., and R. E. Fowler, Birmingham, assignors to General Motors Corporation, Detroit, Mich. Oil burner control. 2,201,239; May 21.
Wallis, Cyril T., Rochester, N. Y., and R. E. Fowler, Birmingham, assignors to General Motors Corporation, Detroit, Mich. Oil-burner control-program type. 2,212,255; Aug. 20.
Wallis, Everett S., Princeton, and E. Fernholz, Elizabeth, assignors to Merck & Co. Inc., Rahway, N. J. Isomer of cholesterol and producing the same. 2,205,448; June 25.
Wallis, William H., Huddersfield, England. Variable-speed gearing. 2,209,010; July 23.
Walliser, Robert E., Libertyville, Ill., assignor, by mesne assignments, to L. G. Blessing. Machine for making and applying tufts and the like. Re. 21,665; Dec. 17.
Wallman, Albert, Bissett, Manitoba, Canada. Lady's handbag. 2,215,730; Sept. 24.
Wallner, Edwin P., et al. (See Tafel, Robert E., assignor.
Wallner Silk Hosiery Mills, Inc. (See Wallner, Thomas J., assignor.)
Wallner, Thomas J., assignor to Wallner Silk Hosiery Mills, Inc., Pulaski, Va. Hosiery. 2,220,560; Nov. 5.
Walls, Walter H., Darwin, Minn. Electrical connector. 2,203,973; June 11.
Wallschlaeger, Theodore W., assignor to Cinch Manufacturing Corporation, Chicago, Ill. Fastener installation and fastener member for the same. 2,187,336; Jan. 16.
Wallwork, James A. (See Everest, A. E., and Wallwork.)
Walma, Theodore K., Iowa City, Iowa. Spacing mechanism. Re. 21,376; Feb. 27.
Walma, Theodore K., Iowa City, Iowa. Bread slicer. 2,208,315; July 16.
Walmsley, William, Chicago, Ill. Reference cabinet. 2,190,814; Feb. 20.
Walne, William R. (See Fortune, J. C., and Walne.)
Walp, Charles F., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Welded truck bolster. 2,226,678; Dec. 31.
Walpole, John P., Bronx, N. Y. Electric iron plug and receptacle therefor. 2,188,617; Jan. 30.
Walrafen, Norman O., Emporia, Kans. Hinge for book covers. 2,221,364; Nov. 12.
Walrath, Henry, Omaha, Nebr. Door support and closer. 2,217,878; Oct. 15.
Walraven, George M., assignor to Snap-On Tools, Inc., Kenosha, Wis. Metal panel cutter. 2,199,380; May 7.
Walraven, George M., assignor to Snap-On Tools Corporation, Kenosha, Wis. Body jack. 2,212,090; Aug. 20.
Walsh, Carroll H. (See Pittman, R. R., and Walsh.)
Walsh, Christopher, Pawtucket, R. I., assignor to H & B American Machine Company. Top roll pressure mechanism. 2,203,424; June 4.
Walsh, Christopher, Pawtucket, and S. R. Walsh, Valley Falls, R. I., assignors to H & B American Machine Company. Long draft apparatus. 2,203,423; June 4.
Walsh, Edward A., Mount Vernon, N. Y. Game device. 2,224,996; Dec. 17.
Walsh, George C. (See Fox, F. S., Jr., and Walsh.)
Walsh Holyoke Steam Boiler Works, Inc. (See Kaeser, George L., assignor.)
Walsh, James F., Chicago, Ill., assignor to American Maize-Products Company. Manufacturing dried starch conversion products. 2,189,824; Feb. 13.
Walsh, James F., Tuckahoe, N. Y., assignor to American Maize-Products Company. Spray-dried sugar mixture and process. 2,223,925; Dec. 3.
Walsh, James F., Chicago, Ill., and A. L. Rawlins, Hammond, Ind., assignors to American Maize-Products Company. Canned food composition. 2,191,509; Feb. 27.
Walsh, James F., Chicago, Ill., and S. M. Kinzinger, and A. H. Goodman, Hammond, Ind., assignors to American Maize-Products Company. Nonbitter starch conversion sugar product and manufacture. 2,192,213; Mar. 5.

Walsh, John E., assignor to Self-Locking Carton Co., Chicago, Ill. Carton. 2,211,449; Aug. 13.
Walsh, John J., Yonkers, N. Y. Flashlight construction. 2,194,992; Mar. 26.
Walsh, John T., Westfield, Mass. Freight car apparatus. 2,194,922; Mar. 26.
Walsh, Lincoln, Elizabeth, N. J. Radio receiver. Re. 21,598; Oct. 8.
Walsh, Philip J., San Francisco, Calif. Converter system. 2,199,121; Apr. 30.
Walsh, Raymond E., F. S. Van Valkenburg, and W. D. Pierson, Waterbury, assignors, by mesne assignments, to J. T. Kline, Fairfield, Conn. Apparatus for and method of winding wire. 2,214,333; Sept. 10.
Walsh, Robert E., Carpenteria, Calif. Cutting torch head. 2,188,069; Jan. 23.
Walsh, Samuel R. (See Walsh, Christopher and S. R.)
Walsh, Samuel R., Valley Falls, R. I., assignor to H & B American Machine Company. Strand covering apparatus. 2,224,110; Dec. 3.
Walsh, Samuel R., Valley Falls, R. I., and H. B. Ahlberg, Attleboro, Mass., assignors to H & B American Machine Company. Spindle for strand wrapping machines. 2,220,006; Oct. 29.
Walsh, Thomas J., West Hempstead, assignor to T. J. Walsh and G. B. Antofilli, a copartnership doing business as National Cine Laboratories, New York, N. Y. Camera. 2,188,764; Jan. 30.
Walsh, William, London, England. Internal fitting for jars, bottles, cans, boxes, showcases, and other hollow articles. 2,222,160; Nov. 19.
Walsh, William C., assignor of 49 per cent to James Rice, Chicago, Ill. Anchor for use in concrete. 2,214,756; Sept. 17.
Walsh, William L., East Greenbush, and W. H. von Glahn, Loudonville, N. Y., assignors to General Aniline & Film Corporation. Water soluble naphthol compounds and preparing same. 2,190,747; Feb. 20.
Walsko, John, Whiting, Ind., assignor to Sinclair Refining Company, New York, N. Y. Refining hydrocarbon oils. 2,199,930; May 7.
Walsko, John, Whiting, Ind., assignor to Sinclair Refining Company, New York, N. Y. Refining hydrocarbon oils. 2,199,931; May 7.
Walstrom, Adolph D., Chicago, Ill. Self-measuring liquid dispenser. 2,204,838; June 18.
Walstrom, Axel M., Minneapolis, Minn., assignor to The Creamery Package Mfg. Company, Chicago, Ill. Machine for making tubs and the like. 2,212,487; Aug. 20.
Waltamath, Raymond E., Atwater, Calif. Master safety switch. 2,206,067; July 2.
Walter, Albert U. (See Peterson, W. F., and Walter.)
Walter, Albert U., Baltimore, Md. Pressing machine. 2,212,188; Aug. 20.
Walter, Benjamin C., Blairsville, Pa. Tape cutting machine. 2,224,070; Dec. 3.
Walter, Carl W., Newton, Mass. Control means for heat applying apparatus. 2,208,552; July 16.
Walter, Charles B. (See McMullen, D. R., and Walter.)
Walter, Charles T., Chicago, Ill. Classifying means. 2,226,527; Dec. 24.
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Ink. 2,200,974; May 14.
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Container cover. 2,202,972; June 4.
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Soap product. 2,202,973; June 4.
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Ribbon soap. 2,202,974; June 4.
Walter, Derek O. (See Espley, D. C., and Walter.)
Walter, Emil. (See Schiffmann, K., and Walter.)
Walter, Hans, assignor to Deutsche Gold- und Silber Scheideanstalt vormals Roessler, Frankfort-on-the-Main, Germany. Preparation of addition products of acetylene. 2,191,053; Feb. 20.
Walter, John H. (See Perman, Per E., assignor.)
Walter, John M., assignor to The G. A. Gray Company, Cincinnati, Ohio. Planer and the like. 2,204,874; June 18.
Walter, John M., assignor to The G. A. Gray Company, Cincinnati, Ohio. Machine tool feed. 2,215,140; Sept. 17.
Walter, John M., assignor to The G. A. Gray Company, Cincinnati, Ohio. Machine tool drive. 2,215,627; Sept. 24
Walter, Jules G. (See Cohn, S., and Walter.)
Walter, Louis G., Philadelphia, and H. R. Webber, Norwood, Pa. Spark plug. 2,194,251; Mar. 19.
Walter, Louis W., Chicago, Ill. Stereoscope apparatus. 2,187,765; Jan. 23.
Walter, Martin, Jr., South Dartmouth, assignor to New Bedford Cordage Co., New Bedford, Mass. Rope making. 2,218,224; Oct. 15.
Walter, Vernon F., New York, N. Y., and M. Lange, Cleveland Heights, assignors to The Superior Funeral Supply Company, Cleveland, Ohio. Collapsible draped partition. 2,186,510; Jan. 9.
Walter, Wilhelm, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Film container. 2,213,776; Sept. 3.

Walter, William P., Massillon, Ohio. Truss. 2,203,037; June 4.
Walter, Willie J. (See Neumann, E. R., and Walter.)
Walters, Anne. (See Rosen, Maurice S., assignor.)
Walters, Clarence C. (See Bergmann, R. F., Walters, and Samerdyke.)
Walters, Clarence C. (See Torrence, G. P., Bergmann, and Walters.)
Walters, Daniel W., West Los Angeles, assignor to The National Supply Company, Torrance, Calif. Clutch. 2,201,567; May 21.
Walters, Durwood B., River Forest, assignor to Chicago Vitreous Enamel Products Co., Cicero, Ill. Wall panel attaching and anchoring device. 2,226,679; Dec. 31.
Walters, Emmett L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Method and apparatus for use in the manufacture of laminated safety glass. 2,205,003; June 18.
Walters, Emmett L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Glass inspection apparatus. 2,213,422; Sept. 3.
Walters, Enoch, Elizabeth, N. J., assignor to Wilson-Jones Company, Chicago, Ill. Pad holder. 2,226,454; Dec. 24.
Walters, Gustav, assignor to The Russell Manufacturing Company, Middletown, Conn. Clutch friction disk. 2,196,570; Apr. 9.
Walters, Gustav, assignor to The Russell Manufacturing Company, Middletown, Conn. Wick. 2,226,792; Dec. 31.
Walters, Gustav, assignor to The Russell Manufacturing Company, Middletown, Conn. Tubular attachment wick. 2,226,793; Dec. 31.
Walthall, John H., near Sheffield, Ala. Making sulphuric acid. 2,188,324; Jan. 30.
Walthall, John H., near Sheffield, Ala. Treating alum. 2,214,214; Sept. 10.
Walthall, John H., near Sheffield, Ala. Making aluminum sulphate. 2,224,888; Dec. 17.
Waltham Horological Manufacturing Company. (See Bold, Frederick W. and A. W., assignors.)
Walther, George, near Dayton, assignor to The Dayton Steel Foundry Company, Dayton, Ohio. Molding machine. 2,187,255; Jan. 16.
Walther, George, assignor to The Dayton Steel Foundry Company, Dayton, Ohio. Sand milling machine. 2,222,054; Nov. 19.
Walther, George, near Dayton, and E. L. Miller, assignors to The Dayton Steel Foundry Company, Dayton, Ohio. Trailer support operating means. 2,193,049; Mar. 12.
Walthour, Charles F., Jr., Kansas City, Mo. Hook holding hatband. 2,222,096; Nov. 19.
Waltmann, Ernst. (See Kaase, W., and Waltmann.)
Waltmann, Ernst, Krefeld, Germany, assignor to Heberlein Patent Corporation, New York, N. Y. Rendering textiles water-repellent and products therefrom. 2,220,856; Nov. 5.
Walton, Cecil E., Brecksville, Ohio. Holder for loose-leaf memo paper. 2,201,962; May 21.
Walton, D. A., et al. (See Jacob, William H., assignor.)
Walton, George M. (See Schaaf, A. E., Walton, and Glanzer.)
Walton, George W., London, England. Photoelectric cell. 2,193,953; Mar. 19.
Walton, John M., and J. E. Darby, assignors of one-half to W. J. Leppert, New Orleans, La. Fluid clutch and transmission. 2,195,793; Apr. 2.
Waltz, Foster V., Toledo, Ohio. Transmission device. 2,201,600; May 21.
Walus, Andrew, Brooklyn, N. Y. Force cup. 2,203,185; June 4.
Walworth Patents Inc. (See McCarthy, H., and Curran, assignors.)
Walworth Patents Inc. (See Patscheider, Walter A., assignor.)
Walz, Claude W., Avondale, Colo. Sugar beet topper. 2,208,823; July 23.
Wampner, Herbert L., and C. Bogin, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Cellulose acetate composition. 2,202,804; May 28.
Wamsley, Delos H., West Caldwell, N. J., assignor to Radio Corporation of America. Active metal compound for vacuum tubes. 2,208,692; July 23.
Wamsley, Delos H., Caldwell, N. J., assignor to Radio Corporation of America. Introducing active metals into envelopes. 2,223,977; Dec. 3.
Wanat, Joseph J., Wallingford, Conn. Toboggan. 2,187,437; Jan. 16.
Wanderer-Werke Aktiengesellschaft. (See Buschmann, Eugen, assignor.)
Wanderer-Werke Aktiengesellschaft. (See Kniehahn, W., and Eggers, assignors.)
Wanderer-Werke vorm. Winklhofer & Jaenicke Akt.-Ges. (See Eisele, Felix, assignor.)
Wanderer-Werke vorm. Winklhofer & Jaenicke Akt.-Ges. (See Eiselt, Willy, assignor.)
Wanderer-Werke vorm. Winklhofer & Jaenicke Akt.-Ges. (See Geiser, Hans D., assignor.)
Wanderer-Werke vorm. Winklhofer & Jaenicke Akt.-Ges. (See Pfeiffer, Jacob F., assignor.)
Wanderer-Werke vorm. Winklhofer & Jaenicke Akt.-Ges. (See Rauh, Hermann, assignor.)
Wanderski, Stephen, and F. Konwinski, Chicago, Ill. Beer drawing device. 2,223,012; Nov. 26.
Wandscheer, Joseph, Sioux Center, Iowa. Snowplow. 2,219,204; Oct. 22.
Wanek, John A., Giltner, Nebr. Traction lug. 2,188,196; Jan. 23.
Waner, Harry E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Fluid-tight attachment and tubular rivet therefor. 2,188,422; Jan. 30.
Waner, Harry E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Storage battery cover assembly. 2,201,510; May 21.
Wang, Harold, Saco, Mont. Shearing clamp. 2,187,337; Jan. 16.
Wanless, Graham G., Montreal, Quebec, Canada, assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Deposition form. 2,216,995; Oct. 8.
Wanner, J. G., et al. (See Jacob, William H., assignor.)
Wanner, Walter E., Olean, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Rotation indicating device. 2,189,235; Feb. 6.
Wanner, William, Wilmette, assignor to Sam'l Bingham's Son Mfg. Co., Chicago, Ill. Composition applicator. 2,193,543; Mar. 12.
Wantz, Clarence, assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Electric switch. 2,190,303; Feb. 13.
Wanvig, Harry F. (See Csanyi, Henry, assignor.)
Waples, Cora R., executrix. (See Waples, Frank A.)
Waples, Frank A., deceased, by C. R. Waples, executrix, Houston, Tex. Insect repellent. 2,224,622; Dec. 10.
Warburton, Raymond A., Brooklyn, N. Y. Insulin composition and preparing the same. 2,202,325; May 28.
Warburton, Wallace A., Bakersfield, Calif. Method and equipment for multiple whipstock drilling and lining. 2,211,803; Aug. 20.
Ward, Alger L., Drexel Hill, Pa., assignor to The United Gas Improvement Company. Purification of unsaturated compounds. 2,211,038; Aug. 13.
Ward, Arthur L., Shaker Heights, assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Lifting magnet controller. 2,195,017; Mar. 26.
Ward, Arthur L., Shaker Heights, assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Magnet for lifting annular objects. 2,220,561; Nov. 5.
Ward, Ashley F., Cincinnati, Ohio. Aluminum baking pan. 2,216,147; Oct. 1.
Ward Baking Company. (See Hoffman, C., Dalby, and Schweitzer, assignors.)
Ward Baking Company. (See Neuberger, Lester, assignor.)
Ward, Charles W., Los Angeles, Calif. Dispenser. 2,214,826; Sept. 17.
Ward, Frank T., Norwalk, Conn. Preparing high manganese steel members and the product thereof. 2,185,483; Jan. 2.
Ward, Frederick A., Highland Park, assignor to Gear Grinding Machine Company, Hamtramck, Mich. Multi-motored truck. 2,207,904; July 16.
Ward, H. H., Company. (See Ward, Samuel B., assignor.)
Ward, Harley M. (See Steinmetz, A. A., and Ward.)
Ward, Henry, McCall, Idaho. Wrench. 2,197,283; Apr. 16.
Ward, Herbert. (See Williams, O., and Ward.)
Ward, Herbert K. (See Thompson, J. S., and Ward.)
Ward, Ira F., Atlantic, Iowa. Hot-air heating plant. 2,213,795; Sept. 3.
Ward, John R. H. (See Loucks, G. C., and Ward.)
Ward, John T., assignor to Process Management Company, Inc., New York, N. Y. Production of motor fuels. 2,222,055; Nov. 19.
Ward, Kyle, Jr., Washington, D. C., dedicated to the free use of the People in the territory of the United States. Low viscosity starch adhesive and preparing the same. 2,202,678; May 28.
Ward, Lawrence T., New York, N. Y. Dispensing apparatus. 2,189,643; Feb. 6.
Ward, Lawrence T., East Orange, N. J., assignor to Knapp-Monarch Company, St. Louis, Mo. Liquid dispensing device. 2,205,938; June 25.
Ward, Lawrence T., East Orange, N. J., assignor to Spraklets, Limited, Upper Edmonton, London, England. Dispensing device. 2,222,247; Nov. 19.
Ward, Leonard, Alamota, Kans. Fishhook. 2,217,928; Oct. 15.
Ward, Leonard, Electric Company. (See Logan, Frank G., assignor.)
Ward, Loyd A., assignor to Tomkins-Johnson Company, Jackson, Mich. Ball valve. 2,214,290; Sept. 10.
Ward, Loyd A., assignor to Tomkins-Johnson Company, Jackson, Mich. Chuck structure. 2,224,639; Dec. 10.
Ward, Loyd A., assignor to Tomkins-Johnson Company, Jackson, Mich. Duplex riveting machine. 2,227,402; Dec. 31.
Ward, Marshall, Southport, assignor to Bridgeport Thermostat Company, Inc., Bridgeport, Conn. Temperature regulator. 2,222,826; Nov. 26.
Ward, Paul A., St. Paul, assignor to Wood Conversion Company, Cloquet, Minn. Packaging strip material. 2,197,845; Apr. 23.
Ward, Paul S., Cincinnati, Ohio. Baking pan. 2,190,201; Feb. 13.
Ward, Raymond E. (See Bouton, E. M., and Ward.)

Ward, Raymond R., Cleveland, Ohio. Strip cutting device. 2,218,667; Oct. 22.
Ward, Raymond R., assignor to G. W. DeWees, Cleveland, Ohio. Cutting machine. 2,202,177; May 28.
Ward, Raymond R., assignor to G. W. De Wees, Cleveland, Ohio. Cutting tool or knife. 2,222,328; Nov. 19.
Ward, Robert L., Itasca, Ill. Differential protection means. 2,213,294; Sept. 3.
Ward, Samuel B., Chester Heights, assignor to H. H. Ward Company, Chester, Pa. Ice cream cabinet. 2,187,002; Jan. 16.
Ward, Sena M., New York, N. Y. Detachable retaining means. 2,200,812; May 14.
Ward, Shirley C. (See McEwen, N. S., and Ward.)
Ward, Sterling, St. Joseph, Mo. Mechanical toy. 2,206,987; July 9.
Ward, Thomas C., Marlin, Tex. Cervical splint. 2,223,276; Nov. 26.
Ward, Willard D., Flint, Mich. Game. 2,208,952; July 23.
Ward, William B., Kansas City, Mo. Indicating bulletin board. 2,221,335; Nov. 12.
Ward, William J., and E. A. Bachman, Portland, Oreg. Label band. 2,192,423; Mar. 5.
Wardell, John W., Salt Lake City, Utah. Chicken feeder. 2,210,108; Aug. 6.
Wardell, William J., Mount Vernon, assignor to American Can Company, New York, N. Y. Making slip-cover opening devices. 2,220,135; Nov. 5.
Warden, Charles A., Logan, W. Va., assignor to Portable Lamp & Equipment Company, Pittsburgh, Pa. Running skid. 2,199,166; Apr. 30.
Wardle, James B., Toronto, Ontario, Canada. Anchoring clip for artificial brick siding and the like. 2,200,649; May 14.
Wardwell Braiding Machine Company. (See Bardsley, Willard W., assignor.)
Wardwell, George W., Jr. (See Dunham, G. W., and Wardwell.)
Wardwell, George W., Jr., Nichols, Conn., assignor to General Electric Company. Ironing machine. 2,191,332; Feb. 20.
Wardwell, George W., Jr., Nichols, Conn., assignor to General Electric Company. Table for ironers and the like. 2,198,467; Apr. 23.
Wardwell, George W., Jr., Nichols, Conn., assignor to General Electric Company. Ironing machine. 2,201,841; May 21.
Wardwell, George W., Jr., Nichols, Conn., assignor to General Electric Company. Ironer. 2,215,489; Sept. 24.
Wardwell, George W., Jr., Nichols, and J. I. Arnett, Stratford, Conn., assignors to General Electric Company. Wringer. 2,201,842; May 21.
Wardy, Harry A., assignor to Add-A-Guide, Incorporated, Los Angeles, Calif. Card index system. 2,207,501; July 9.
Wardy, Harry A., assignor to Add-A-Guide, Incorporated, Los Angeles, Calif. Filing device. 2,220,562; Nov. 5.
Ware, Arthur J. V., Memphis, Tenn. Cleaner for cotton linters. 2,210,016; Aug. 6.
Ware, Elmer E. (See Schneider, R. F., Coe, and Ware.)
Ware, Elmer G., Bakersfield, Calif. Sediment remover. 2,192,115; Feb. 27.
Ware, Elmer G., Bakersfield, Calif. Pump valve with gas chamber in cage. 2,203,759; June 11.
Ware, Frank, Rogers City, Mich. Electrical control for steam mooring winches. 2,221,365; Nov. 12.
Ware, Haden S. (See Haupt, W. H., Ware, and Tietig.)
Ware, Robert C. (See Burke, William H., assignor.)
Ware, Severin, Grosse Pointe Farms, Mich. Sled construction. 2,216,148; Oct. 1.
Ware, Walter C., and R. E. Allen, assignors to Paragon Gear Works, Inc., Taunton, Mass. Brake mechanism. 2,194,840; Mar. 26.
Warfel, Dora E., Conestoga, Pa. Poultry feeder. 2,213,153; Aug. 27.
Warfield Company, The. (See Warfield, John D., Jr., assignor.)
Warfield, John D., Jr., Chicago, Ill., assignor to The Warfield Company. Packaging chocolate. 2,217,392; Oct. 8.
Warger, Benjamin, Cleveland, Ohio. Folding brake construction. 2,208,061; July 16.
Waring, Charles E., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,191,263; Feb. 20.
Waring, Olaf I., assignor of one-half to P. Rothberg, New York, N. Y. Making capsules. 2,199,425; May 7.
Warman, Ora J., Roswell, N. Mex. Adjustable jacket for tire vulcanizers. 2,226,034; Dec. 24.
Warmbier, Albert, Breslau, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electroacoustic megaphone. 2,218,389; Oct. 15.
Warmetechnische Gesellschaft. (See Dietsche, Karl, assignor.)
Warmisham, Arthur, and C. G. Wynne, assignors to Taylor, Taylor & Hobson Limited, Leicester, England. Objectives for photographic or like purposes. 2,194,413; Mar. 19.
Warmka, William E., Wells, Minn. Fence post. 2,191,124; Feb. 20.
Warmoltz, Nicholas. (See Druyvesteyn, M. J., and Warmoltz.)
Warnat, Kurt, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Derivatives of 4-aminobenzenesulphonamides and the manufacture of the same. 2,192,490; Mar. 5.
Warne, Frederick C., assignor to Farm Tools, Inc., Mansfield, Ohio. Harrow snubber. 2,196,713; Apr. 9.
Warne, Kenneth C., and J. W. Woolcock, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Recovery of oxygen from gaseous mixtures. 2,217,850; Oct. 15.
Warnecke, Robert, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Secondary electron emitting electrode. 2,189,971; Feb. 13.
Warnecke, Robert, and A. Briot, Paris, France, assignors to Compagnie Generale de Telegraphie Sans Fil. Secondary electron emitter. 2,189,972; Feb. 13.
Warner, Arthur E., assignor to The C. P. Hall Company, Akron, Ohio. Process and product for softening rubber. 2,215,382; Sept. 17.
Warner, Arthur E., assignor to The C. P. Hall Company, Akron, Ohio. Process and product for softening rubber. 2,215,383; Sept. 17.
Warner, Bradford G., Fairfield, assignor to The Warner Brothers Company, Bridgeport, Conn. Paper box. 2,207,567; July 9.
Warner Brothers Company, The. (See Warner, Bradford G., assignor.)
Warner Bros. Pictures, Inc. (See Adams, Leland J., assignor.)
Warner Bros. Pictures, Inc. (See Adams, L. J., and Bracken, assignors.)
Warner Bros. Pictures, Inc. (See Haskins, Byron C., assignor.)
Warner Brothers Pictures, Inc. (See Mohr, H. L., and Tondreau, assignors.)
Warner Brothers Pictures, Inc. (See Ryan, Byron F., assignor.)
Warner Bros. Pictures, Inc. (See Tondreau, Albert W., assignor.)
Warner, David E. (See Nesbitt, C. M., and Warner.)
Warner, Donald F., Swampscott, Mass., assignor to General Electric Company. Pressure regulating system. 2,215,306; Sept. 17.
Warner, E. Raymond, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Wheel mounting for airplanes. 2,192,282; Mar. 5.
Warner, E. Raymond, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Landing gear. 2,211,484; Aug. 13.
Warner, Edgar, Dayton, Ohio. Compass. 2,208,062; July 16.
Warner, Everett E., East Hartford, Conn. Pupillometer. 2,197,139; Apr. 16.
Warner Jewelry Case Company. (See Warner, R. J., and Valentine, assignors.)
Warner, Lawrence E., and H. T. Avery, Oakland, Calif., assignors to Marchant Calculating Machine Company. Governor. 2,220,306; Nov. 5.
Warner, Munroe F., Columbus, Ohio, assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Vibratory screen. 2,193,954; Mar. 19.
Warner, Rudolph J., Buffalo, and H. G. Valentine, Lockport, assignors to Warner Jewelry Case Company, Buffalo, N. Y. Jewelry box. 2,196,688; Apr. 9.
Warner, Stanley F. (See Hanson, A. N., and Warner.)
Warner & Swasey Company, The. (See Darash, Nicholas P., assignor.)
Warner & Swasey Company, The. (See Lange, Max E., assignor.)
Warner & Swasey Company. (See Lange, M. E., and Van Hamersveld, assignors.)
Warner & Swasey Company, The. (See Mussari, Anthony, assignor.)
Warner & Swasey Company, The. (See Van Hamersveld, John J. N., assignor.)
Warner & Swasey Company, The. (See Worsnop, Stanley L., assignor.)
Warner, Wilbur D., Chicago, Ill. Collating machine. 2,222,271; Nov. 19.
Warnke, Herbert R., assignor to United States Instrument Corporation, East Orange, N. J. Automatic reset switch. 2,223,926; Dec. 3.
Warnke, Herbert R., assignor to United States Instrument Corporation, East Orange, N. J. Call indicator. 2,223,927; Dec. 3.
Warp Compressing Machine Company. (See Javery, Frank B., assignor.)
Warr, Harold G., Park Ridge, assignor to Poor & Company, Chicago, Ill. Resilient railway spike. 2,185,877; Jan. 2.
Warr, Harold G., Park Ridge, assignor to Poor & Company, Chicago, Ill. Rail anchor. 2,226,035; Dec. 24.
Warr, Harold G., Park Ridge, assignor to Poor & Company, Chicago, Ill. Tie plate and spring clip. 2,205,584; June 25.
Warr, Harold G., Park Ridge, and G. T. Willard, Evanston, Ill. Resilient railway spike. 2,224,940; Dec. 17.
Warren, Carm, San Antonio, Tex. Cigarette holder. 2,198,145; Apr. 23.
Warren, Clarke E., La Grange, assignor to Mackie-Lovejoy Manufacturing Co., Chicago, Ill. Garment hanger. 2,209,864; July 30.
Warren, Donald M., La Fayette, Ind. Paper toy. 2,202,036; May 28.

Warren, Donald M., La Fayette, Ind. Toy structure. 2,204,264; June 11.
Warren, Geoffrey W., Eastcote, Pinner, assignor to M-O Valve Company Limited, London, England. Thermionic valve. 2,206,491; July 2.
Warren, George S. (See Hughes, J. M., Russell, and Warren.)
Warren, Glenn B., Niskayuna, N. Y., assignor to General Electric Company. Turbine supporting arrangement. 2,195,230; Mar. 26.
Warren, Glenn B., Niskayuna, N. Y., assignor to General Electric Company. Elastic fluid power plant. 2,204,111; June 11.
Warren, Glenn B., Niskayuna, and H. Haigh, Scotia, N. Y., assignors to General Electric Company. Nozzle diaphragm. 2,196,045; Apr. 2.
Warren, Glenn E. (See Lord, K. M., and Warren.)
Warren, Harlow, Pittsburgh, Pa. Venetian blind. 2,227,288; Dec. 31.
Warren, Harold, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe and insole therefor. 2,195,476; Apr. 2.
Warren, Harold B., Detroit, Mich., assignor to Thomson-Gibb Electric Welding Company, Lynn, Mass. Dipstick. 2,207,526; July 9.
Warren, Harold C., Stratford, assignor to Canfield Rubber Company, Bridgeport, Conn. Stopper fastener. 2,191,812; Feb. 27.
Warren, Henry E., assignor to Warren Telechron Company, Ashland, Mass. Timer. 2,203,556; June 4.
Warren, Henry E., assignor to Warren Telechron Company, Ashland, Mass. Synchronized spring clock. 2,209,802; July 30.
Warren, James W., Lynbrook, N. Y., assignor to International Cigar Machinery Company. Detector for cigar machines. 2,226,234; Dec. 24.
Warren, Otey Y., Garden City, N. Y. Container. 2,200,813; May 14.
Warren, Otey Y., Roslyn Estates, N. Y. Portable carrier. 2,210,643; Aug. 6.
Warren, Ralph A. (See Brock, J. D., Leissler, and Warren.)
Warren, Robert P., Kenilworth, assignor to Morton Salt Company, Chicago, Ill. Dispenser for tablets. 2,227,167; Dec. 31.
Warren, S. D., Company. (See Coggeshall, George W., assignor.)
Warren, S. D., Company. (See Reilly, Arthur, assignor.)
Warren Telechron Company. (See Ellis, Charles A., assignor.)
Warren Telechron Company. (See Warren, Henry E., assignor.)
Warren, Urban M. (See Penfield, C. S., and Warren.)
Warren, William B., Mount Lebanon, assignor to Fisher Scientific Company, Pittsburgh, Pa. Pipette filler. 2,218,899; Oct. 22.
Warrick, Charles F., Detroit, Mich., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Fluid filling nozzle. 2,222,923; Nov. 26.
Warrick, Earl L. (See McGregor, R. R., and Warrick.)
Warrick, Ray W., Crozet, Va. Fuel blending preheater vaporizer. 2,213,154; Aug. 27.
Warrick, Walter D., assignor to The W. E. Long Company, Chicago, Ill. Paper carton. 2,225,492; Dec. 17.
Warrington, Albert R. van C., Springfield, Pa., assignor to General Electric Company. Protective apparatus. 2,214,866; Sept. 17.
Warrington, Albert R. van C., Wallingford, Pa., assignor to General Electric Company. Protective apparatus. 2,214,867; Sept. 17.
Warrington, Arthur. (See Puckette, C. C., and Warrington.)
Warrington, Charles J. S. (See Aitken, R. G., and Warrington.)
Warthman, Harris, trustee. (See Wright, Alfred, assignor.)
Wartian, Avagim, Detroit, Mich., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Automobile door lock. 2,195,195; Mar. 26.
Wartian, Avagim, Detroit, Mich., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Door handle assembly. 2,201,963; May 21.
Wärtsilä-Yhtymä O/Y.-Wärtsilä-Koncernen A/B. (See Degerth, John G., assignor.)
Wärtsilä-Yhtymä O/Y.-Wärtsilä-Koncernen A/B. (See Degerth, J. G., and Dombrowsky, assignors.)
Warwick Chemical Co. (See Haggenmacher, John E., assignor.)
Warwick Chemical Company. (See Katz, Jacob, assignor.)
Warwick Chemical Co. (See Papini, Henry, assignor.)
Wasberg, Axel, assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway car door. 2,226,419; Dec. 24.
Wascher, Frank. (See Double, P. E., and Wascher.)
Wasco Flashing Co. (See Wasserman, Max, assignor.)
Waseige, Charles R., Rueil, France. Supercharger. 2,205,549; June 25.
Waseige, Charles R., Rueil, France. Propeller control mechanism for adjustable and reversible pitch propellers. 2,207,042; July 9.
Waseige, Charles R., Rueil, France, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,192,293; Mar. 5.
Waseige, Charles R., Rueil-Malmaison, assignor to Societe Anonyme Air Equipment, Bellancourt, Seine, France. Driving mechanism. 2,195,139; Mar. 26.
Wash, Lula M., Louisville, Ky. Sandal cover. 2,190,579; Feb. 13.
Washable Seat Cover Company. (See Falk, Charles T., assignor.)
Washburn Company, The. (See Hindes, Howard W., assignor.)
Washburn, Edgar, Baltimore, Md., assignor to Franklin Railway Supply Company, New York, N. Y. Spreader. 2,187,716; Jan. 23.
Washburn, Frank H., Jr., Worcester, Mass. Bandage winding machine. 2,194,962; Mar. 26.
Washburn, Lorenzo S., Welwyn Garden City, England, assignor to Norton Company, Worcester, Mass. Abrasive material. 2,196,090; Apr. 2.
Washburn, Willis F., Metuchen Township, Middlesex County, N. J., and F. L. Kingsbury, St. Louis, Mo., assignors, by mesne assignments, to National Lead Company, New York, N. Y. Manufacture of calcium sulphate. 2,222,385; Nov. 19.
Washington Institute of Technology, Inc. (See Daniel, Henry B., assignor.)
Washington Institute of Technology, Inc. (See Davies, Gomer L., assignor.)
Washington Institute of Technology, Inc. (See Davies, G. L., and Kear, assignors.)
Wasmer, Charles L., et al. (See Hogue, Henry J., assignor.)
Wasmer, John C., et al. (See Hogue, Henry J., assignor.)
Wasmund, Edward, Detroit, Mich., assignor to Season-Aire Corporation of America. Take-off connection for sheet metal pipe. 2,216,864; Oct. 8.
Wasmund, Reinhard, Frankfort-on-the-Oder, Germany, assignor to General Electric Company. Automatic arc welding. 2,210,786; Aug. 6.
Wassell, Harold J. H., Chelmsford, England, assignor to Radio Corporation of America. Transmitter. 2,206,682; July 2.
Wassell, Harold J. H., Widford Grove, Chelmsford, England, assignor to Radio Corporation of America. Keying circuit. 2,217,929; Oct. 15.
Wassell, Harold J. H., Widford Grove, Chelmsford, and F. H. Cannon, Chelmsford, England, assignors to Radio Corporation of America. Electrical remote control system. 2,194,174; Mar. 19.
Wassén, Kurt, assignor to Hercules Powder Company, Wilmington, Del. Shell inspecting machine. 2,224,204; Dec. 10.
Wassenegger, Hans. (See Griessbach, R., Meier, and Wassenegger.)
Wassenegger, Hans, Dessau in Anhalt, and R. Griessbach, Wolfen, Kreis Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Diminishing the swelling of cation-exchanging resins. 2,195,196; Mar. 26.
Wassenegger, Hans, Dessau in Anhalt, and K. Jaeger, Frankfort-on-the-Main-Hochst, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Effecting cation exchange. 2,204,539; June 11.
Wassermann, Albert, London, England. Catalytic reaction of hydrocarbons. 2,224,071; Dec. 3.
Wasserman, Max, assignor to Wasco Flashing Co., Cambridge, Mass. Composite sheathing and insulating material. 2,222,343; Nov. 19.
Wasserman, Paul, New Castle, Pa. Power transmitting device. 2,207,882; July 16.
Wasserman, Richard, et al. (See Keck, Paul H., assignor.)
Wassermann, Albert, London, England. Preparation of catalysts and their use in the polymerization of hydrocarbons. 2,212,995; Aug. 27.
Wassermann, Günter, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Permanent magnet and producing the same. 2,205,611; June 25.
Wassmansdorff, Hans. (See Lehne, T., Schluckebier, Thomas, and Wassmansdorff.)
Wasson, Jones I., Elizabeth, N. J., assignor to Standard Oil Development Company. Blending agent for lubricating oils. 2,195,549; Apr. 2.
Wasson, Jones I., Elizabeth, N. J., assignor to Standard Oil Development Company. Agent for improving lubricating oils. 2,218,997; Oct. 22.
Wasson, Jones I., Townley, and A. H. Gleason, Elizabeth, N. J., assignors to Standard Oil Development Company. Dewaxing mineral oil. 2,196,374; Apr. 9.
Wassum, Walter W. (See Lieb, M. R., and Wassum, assignor.)
Waterbury Buckle Company, The. (See Isele, Louis E., assignor.)
Waterbury Buckle Company. (See Painter, Walter S., assignor.)
Waterbury Button Company, The. (See Gruber, Paul R., assignor.)
Waterbury Button Company, The. (See Magnenat, René P., assignor.)
Waterbury Button Company, The. (See Mausolf, George A., assignor.)
Waterbury Button Company, The. (See Reibold, Walter F., assignor.)

Waterbury Clock Company, The. (See Guild, Lurelle, assignor.)
Waterbury Clock Company, The. (See Manseau, Alfred L., assignor.)
Waterbury Clock Company, The. (See Putnam, James R., assignor.)
Waterbury Farrell Foundry and Machine Company. (See Petitjean, Clifford O., assignor.)
Waterbury Farrel Foundry and Machine Company, The. (See Wilcox, Richard L., assignor.)
Waterbury Lock and Specialty Company. (See Evans, William E., assignor.)
Waterbury Tool Company, The. (See Jewell, Wendell D., assignor.)
Waterbury Tool Company, The. (See Rose, Edwin L., assignor.)
Waterbury Tool Company, The. (See Rose, E. L., Gilman, and Grosser, assignors.)
Waterbury Tool Company, The. (See Rose, E. L., and Grosser, assignors.)
Waterbury Tool Company, The. (See Thompson, Edward A., assignor.)
Waterbury Tool Company, The. (See Tweedale, Ralph L., assignor.)
Waterhouse, Carmack. (See Patey, William B., assignor.)
Waterhouse, Edward L., assignor to Waterhouse Laundry Machinery Company, Detroit, Mich. Curtain drying apparatus. 2,188,397; Jan. 30.
Waterhouse Laundry Machinery Company. (See Waterhouse, Edward L., assignor.)
Waterman, Arthur E., assignor to James Manufacturing Company, Fort Atkinson, Wis. Ironclad corn keeper. 2,211,395; Aug. 13.
Waterman, Arthur E., assignor to James Manufacturing Company, Fort Atkinson, Wis. Ironclad door. 2,215.894; Sept. 24.
Waterman, Arthur E., and F. J. Kreutzer, assignors to James Manufacturing Company, Fort Atkinson, Wis. Farm building. 2,185.532; Jan. 2.
Waterman, Frank A., assignor of one-half to A. R. Thompson, Norfolk, Va. Release valve. 2,202,411; May 28.
Waterman, Hein L., and W. L. J. de Nie, Delft, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Hardening filaments, bands, films, and other shaped articles composed of polymerization products of diene hydrocarbons. 2,185,656; Jan. 2.
Waterman, Hein L., Delft, and C. Van Vlodrop, Rotterdam, Netherlands, assignors to Imperial Chemical Industries Limited. Polymerization of drying oils. 2,188,273; Jan. 23.
Waterman, Hein L., and W. L. J. de Nie, Delft, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Fabrication of extrusion products from polymerization products of diene hydrocarbons. 2,198,927; Apr. 30.
Waterman, Hein L., J. J. Leendertse, and W. J. C. de Kok, Westvest, Delft, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Conducting exothermic reactions. 2,217,263; Oct. 8.
Waterman, Hein L., W. J. Hessels, and D. W. van Krevelen, Delft, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Production of valuable products from methane gases. 2,221,658; Nov. 12.
Waterman, L. E., Company. (See Larsen, Gabriel, assignor.)
Watermann, Wilbur, and D. V. Fitzgerald, Elgin, assignors to Losee Products Company, Hebron, Ill. Milk testing cabinet. 2,214,215; Sept. 10.
Waterous Company. (See Boyles, R. R., and Wilhelm, assignors.)
Waterous Limited. (See Cole, Lorne A., assignor.)
Waters, Albert G., Perth Amboy, N. J. Nesting apparatus. 2,198,748; Apr. 30.
Waters, Campbell E., Washington, D. C., assignor to the Government of the United States of America, represented by the Secretary of Commerce and his successors in office. Quick-drying stamp-pad ink. 2,208,551; July 16.
Waters, Daniel V., South Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for power flow control. 2,220,983; Nov. 12.
Waters, Harry F., New York, N. Y. Dispensing device. 2,197,958; Apr. 23.
Waters, Harry F., New York, N. Y. Bag and making same. 2,220,873; Nov. 5.
Waters, Harry F., New York, N. Y. Manufacture of containers. 2,220,874; Nov. 5.
Waters, Harry F., New York, N. Y. Sterile packaging. 2,223,754; Dec. 3.
Waters, Harry F., New York, N. Y. Packaging method. 2,225,810; Dec. 24.
Waters, Hosea D., Stillwater, Okla. Reseating tool. 2,192,116; Feb. 27.
Waters, Lawrence W., Los Angeles, Calif. Motor and transmission for windshield wipers. 2,221,336; Nov. 12.
Waters, Marshall A., River Forest, Ill., assignor to M. R. and C. L. Claff, trustees. Box-forming machine. Re. 21,445; May 7.
Waters, Roland M. (See Bird, P. G., and Waters.)
Waters, Roy B. (See Charlton, W., Hill, Walker, and Waters.)
Watertown Manufacturing Company, The. (See Neill, J. R., and Alves, assignors.)
Watkins, Alfred H., Crawfordsville, Ark., assignor of one-half to J. P. Quinlan, Memphis, Tenn. Cultivating harrow. 2,190,618; Feb. 13.
Watkins, Clarence A., Forest Hills, N. Y. Game. 2,199,016; Apr. 30.
Watkins, Edwin R., Youngstown, Ohio. Cabinet for calculating machines and the like. 2,223,196; Nov. 26.
Watkins, George B. (See Ryan, J. D., and Watkins.)
Watkins, George B., and J. D. Ryan, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Laminated safety glass. 2,209,435; July 30.
Watkins, George E., Tonawanda, assignor to Remington Rand Inc., Buffalo, N. Y. Filing cabinet. 2,201,948; May 21.
Watkins, Glen D., Ogden, Utah. Water and gas tight light. 2,226,647; Dec. 31.
Watkins, Ira R. (See Crary, Jay D., assignor.)
Watkins, Walter T., Jr. (See McNab, J. G., and Watkins.)
Watling, Burns S., assignor to Watling Scale Company, Chicago, Ill. Coin controlled mechanism. 2,224,559; Dec. 10.
Watling Scale Company. (See Watling, Burns S., assignor.)
Watson, Artemas B., Columbia, S. C., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,195,140; Mar. 26.
Watson, Charles. (See Camp, H. J., and Watson.)
Watson, Charles E. (See Johnson, A. R., and Watson.)
Watson, Charles G., Youngstown, Ohio. Covering rollers. 2,219,085; Oct. 22.
Watson, Claude W. (See Goldsby, A. R., and Watson.)
Watson, Claude W., Dobbs Ferry, assignor, by mesne assignments, to Texaco Development Corporation, New York, N. Y. Treatment of hydrocarbon oil. 2,195,265; Mar. 26.
Watson, Claude W., Dobbs Ferry, N. Y., and D. Eastman, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,221,172; Nov. 12.
Watson, Edgar E. (See Shaw, R. H., and Watson.)
Watson, Edward F. (See Branson, D. E., and Watson.)
Watson, Frank A., G. W. Slomin, and E. W. Dietrich, assignors to Stewart-Warner Corporation, Chicago, Ill. Drying refrigerating units and like apparatus. 2,223,588; Dec. 3.
Seybolt, and McArthur, assignors.)
Watson, Frank H., Jonesboro, Ark., assignor, by mesne assignments, to Jenkins Bros., Bridgeport, Conn. Valve stem. 2,200,785; May 14.
Watson, Frank H., Jonesboro, Ark., assignor to Jenkins Bros., Bridgeport, Conn. Valve stem molding means. 2,222,755; Nov. 26.
Watson, Glenn W., Detroit, Mich. Health belt. 2,220,593; Nov. 5.
Watson, Glenn W., assignor to Penweld Corporation, Detroit, Mich. Heat treatment of food. 2,200,406; May 14.
Watson, Glenn W., assignor to Penweld Corporation, Detroit, Mich. Electric apparatus for preparing food. 2,226,036; Dec. 24.
Watson, Glenn W., and E. C. Brannas, assignors to Penweld Corporation, Detroit, Mich. Electrical method and apparatus for preparing food. 2,200,405; May 14.
Watson, Herbert H., Jr., assignor to Hat Corporation of America, Norwalk, Conn. Method and apparatus for finishing hats. 2,209,011; July 23.
Watson, James H., Dobbs Ferry, N. Y. Game toy. 2,216,526; Oct. 1.
Watson, John J., Palestine, Tex., assignor to M. B. Skinner Company, South Bend, Ind. High pressure vented guide plug clamp. 2,199,552; May 7.
Watson, John W., Wayne, assignor to John Warren Watson Company, Philadelphia, Pa. Motion controlling mechanism. 2,199,145; Apr. 30.
Watson, John Warren, Company. (See Watson, John W., assignor.)
Watson, Joseph A. (See Van Halteren, A. S., and Watson.)
Watson, Kenneth M., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,220,696; Nov. 5.
Watson, Mary L., administratrix. (See Watson, William H.)
Watson, Oliver, Dayton, assignor of one-half to B. F. Downey, Springfield, Ohio. Ullage rod. 2,189,236; Feb. 6.
Watson, Paul D., Alexandria, Va.; dedicated to the free use of the People in the Territory of the United States. Fractionating resinous products. 2,189.572; Feb. 6.
Watson, Pearl A., Auburn, assignor to W. N. Dull and P. Mutzfeld, Butler, Ind. Sand scatterer. 2,190,619; Feb. 13.
Watson, R. A., et al. (See Jesson, J. A., and Kyle, assignors.)
Watson, Richard D., Los Angeles, assignor of one-half to G. Yates, Glendale, Calif. Automatic compression control for engines. 2,209,496; July 30.
Watson-Stillman Co. (See Dinzl, Richard W., assignor.)
Watson-Stillman Co., The. (See Knowles, Edward R., assignor.)
Watson-Stillman Co., The. (See Lauterbach, John, assignor.)

Watson, Sydney C., Chicago, Ill., assignor to Tor-Vel Associates, having as trustees S. C. Watson, A. J. Parcelle, and W. J. Angus. Shaft coupling. 2,208,614; July 23.
Watson, Sydney C., Chicago, Ill., assignor to Tor-Vel Associates. Shaft coupling. 2,209,367; July 30.
Watson, Thomas, Lyndhurst, N. J. Step for motor vehicles. 2,218,060; Oct. 15.
Watson Water Tube Boiler Company. (See Watson, William H., assignor.)
Watson, William, assignor to The Medical Supply Association Limited, London, England. X-ray apparatus. 2,196,618; Apr. 9.
Watson, William E., Nutley, N. J., assignor to General Chemical Company, New York, N. Y. Manufacture of sulphuric acid. 2,198,686; Apr. 30.
Watson, William F., Bradenton, Fla. Fishing reel. 2,194,578; Mar. 26.
Watson, William F., Olean, N. Y. Compound tool. 2,199,899; May 7.
Watson, William H., deceased, by M. L. Watson, administratrix, assignor to The Watson Water Tube Boiler Company, Inc., Wichita, Kans. Steam generator. Re. 21,384; Mar. 5.
Watson-Williams Manufacturing Company. (See Goff, Harold E., assignor.)
Watson-Williams Manufacturing Company. (See Spencer, Philip L., assignor.)
Watt, Elihu D., Plainfield, N. J., assignor to Raymond Concrete Pile Company, New York, N. Y. H-beam composite pile. 2,200,524; May 14.
Watt, George T. (See Pope, L. B., and Watt.)
Watt, George T., assignor to Pope Machinery Corporation, Haverhill, Mass. Heel grooving machine. 2,195,104; Mar. 26.
Watt, George T., assignor to Pope Machinery Corporation, Haverhill, Mass. Heel turner drive. 2,195,105; Mar. 26.
Watt, George W., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,189,720; Feb. 6.
Watt, George W., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,197,574; Apr. 16.
Watt, George W., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,211,632; Aug. 13.
Watt, James A., Chicago, Ill. Yieldable pressure applying clamp. 2,190,463; Feb. 13.
Watt, Oscar G., Tulsa, Okla. Combination water and room heater. 2,225,023; Dec. 17.
Wattendorf, Frank L., Hull, Mass. Axial flow type fan or pump. 2,208,615; July 23.
Watter, Michael, assignor to The Glenn L. Martin Company, Baltimore, Md. Gun turret. 2,203,345; June 4.
Watters, Richard M., assignor to The Illinois Lock Co., Chicago, Ill. Bicycle lock. 2,212,428; Aug. 20.
Wattie, William M., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Support for loom take-up rolls. 2,219,797; Oct. 29.
Wattles, George M., Marinette, Wis. Protecting coal and like. 2,204,781; June 18.
Watts, Edward L., assignor to California Cap Company, Oakland, Calif. Electric blasting cap. 2,207,137; July 9.
Watts, Euclid V., South Pasadena, Calif. Rod catcher. 2,193,183; Mar. 12.
Watts, Euclid V., South Pasadena, Calif. Cellular sucker rod string. 2,198,957; Apr. 30.
Watts, Felix J., Detroit, Mich. Depositing separated fibers of fibrous material entrained in a stream of air in a continuous layer upon a traveling surface. 2,195,158; Mar. 26.
Watts, George V., Alden, Pa., assignor to General Electric Company. Hot wire lead stripper. 2,192,056; Feb. 27.
Watts, George W., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Noncorrosive vessel. 2,209,290; July 23.
Watts, George W., assignor to Standard Oil Company, Whiting, Ind. Pipe still. 2,214,711; Sept. 10.
Watts, Harry W., Maplewood, N. J., assignor to The Edward J. Hoff Company, Hamilton, Ohio. Venetian blind. 2,191,602; Feb. 27.
Watts, John H. (See Baker, P. G., and Watts.)
Watts, Noble H., Bridgeport, Conn., assignor to General Electric Company. Clothes wringer. 2,189,747; Feb. 6.
Watts, Noble H., Bridgeport, Conn., assignor to General Electric Company. Ironing press. 2,192,057; Feb. 27.
Watts, Noble H., Bridgeport, Conn., assignor to General Electric Company. Washing machine. 2,222,329; Nov. 19.
Watts, Noble H., Glendale, Calif., assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,214,094; Sept. 10.
Watts, Noble H., Glendale, Calif., assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,214,095; Sept. 10.
Watts Regulator Company. (See Dillon, Wendell M., assignor.)
Watts, Rhea N. (See Spicer, W. E., and Watts.)
Watts, Roy T., Miami Beach, Fla., assignor to himself and P. Ostruk. Electric lifting jack. 2,218,733; Oct. 22.
Watts, Warren S., Montclair, N. J., and E. L. Elwell, Baltimore, Md., assignors to Eskimo Pie Corporation, Bloomfield, N. J. Apparatus for inserting sticks into frozen confections. 2,212,381; Aug. 20.
Watts, William S., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,217,976; Oct. 15.
Waugh, Arthur L., Duluth, Minn. Detergent germicide. 2,224,889; Dec. 17.
Waugh, Arthur L., Chicago, Ill. Detergent germicide. 2,224,890; Dec. 17.
Waugh Equipment Company. (See Clark, Leverett M., assignor.)
Waugh Equipment Company. (See Munro, G. R., and Roy, assignors.)
Waugh Equipment Company. (See Page, Harold D., assignor.)
Waugh, Hugh L., Berkley, Mich. Building construction. 2,192,567; Mar. 5.
Waugh, Robert I., Seattle, Wash. Reading device for computing scales. 2,189,825; Feb. 13.
Waugh, William F. (See Brautigam, Percy F., assignor.)
Waukesha Foundry Company. (See Dietzel, Alexander W., assignor.)
Waukesha Motor Company. (See DeLong, J. E., and Fisher, assignors.)
Waukesha Motor Company. (See Melcher, Lee W., assignor.)
Waukesha Motor Company. (See Pope, Arthur W., Jr., assignor.)
Waukesha Motor Company. (See Pope, A. W., Jr., and Rutenber, assignors.)
Wawryski, Thomas, Babylon, N. Y. Bracket. 2,211,588; Aug. 13.
Waxler, Reuben L., Kilgore, Tex. Drill. 2,198,849; Apr. 30.
Way, Florence M., and V. A. Zitz, Sitka, Alaska. Applicator for liquid lip coloring. 2,207,959; July 16.
Way, Harry C., Wheeling, W. Va. Packaging or crating structure. 2,197,598; Apr. 16.
Way, Seth L. (See Thuma, Charles H., assignor.)
Wayland, Frank, Camden, N. J. Skin, hide, and leather working machine. 2,201,461; May 21.
Wayne Pump Company, The. (See Jauch, Robert J., assignor.)
Wayne Pump Company, The. (See Kolb, Clyde E., assignor.)
Wayne Pump Company, The. (See Mayo, Frank V., assignor.)
Wayne Pump Company, The. (See Spaunburg, H. L., and Slye, assignors.)
Wayne Pump Company, The. (See Sturm, Frederick W., assignor.)
Wayne Pump Company, The. (See Thompson, I. C., and (Sturm, assignor).)
Wayne, Truman B., Houston, Tex. Petroleum demulsifying reagent and process. 2,206,589; July 2.
Wayne, Truman B., Houston, Tex. Process and reagent for resolving emulsions. 2,214,783; Sept. 17.
Wayne, Truman B., Houston, Tex. Process and reagent for resolving emulsions. 2,214,784; Sept. 17.
Wayne, Truman B., Houston, Tex. Treatment of drilling fluids. 2,216,865; Oct. 8.
Wayne, Truman B., Houston, Tex. Process and reagent for resolving emulsions. 2,225,189; Dec. 17.
Weagant, John P., Owen Sound, Ontario, Canada. Sash holder. 2,217,035; Oct. 8.
Weagant, Roy A., Douglaston, Long Island, N. Y., assignor to Radio Corporation of America. Automatic volume control. 2,207,905; July 16.
Weagant, Roy A., Douglaston, Long Island, N. Y., assignor to Radio Corporation of America. Radio detector. 2,207,906; July 16.
Wean Engineering Company, The. (See Gonser, B. W., Seybolt, and McArthur, assignors.)
Wean Engineering Company. (See Keller, John D., assignor.)
Wean Engineering Company, The. (See McArthur, Donald A., assignor.)
Wean Engineering Company, The. (See McArthur, D. A., Holdgate, and Koelkebeck, assignors.)
Wean Engineering Company, The. (See McClure, Robert E., assignor.)
Wean Engineering Company, The. (See Wean, Raymond J., assignor.)
Wean Engineering Company, The. (See Wean, R. J., and Keller, assignors.)
Wean Engineering Company, The. (See Wean, R. J., and McArthur, assignors.)
Wean Engineering Company, The. (See Wean, R. J., and Theiss, assignors.)
Wean, Raymond J., Warren, Ohio, assignor to The Wean Engineering Company, Inc. Providing nonoxidizing atmosphere. 2,187,594; Jan. 16.
Wean, Raymond J., assignor to The Wean Engineering Company, Inc., Warren, Ohio. Making sheet metal. 2,187,595; Jan. 16.
Wean, Raymond J., assignor to The Wean Engineering Company, Inc., Warren, Ohio. Method and apparatus for annealing strip. 2,199,472; May 7.
Wean, Raymond J., and D. A. McArthur, assignors to The Wean Engineering Company, Inc., Warren, Ohio. Method and apparatus for treating strip. 2,196,600; Apr. 9.

Wean, Raymond J., Warren, Ohio, and J. D. Keller, Pittsburgh, Pa., assignors to The Wean Engineering Company, Inc., Warren, Ohio. Method and apparatus for annealing strip. 2,205,915; June 25.

Wean, Raymond J., Warren, and H. W. Theiss, Louisville; said Wean assignor to The Wean Engineering Company, Inc., Warren, Ohio, and said Theiss assignor to Continnental Steel Corporation, Kokomo, Ind. Method and apparatus for coating strip or the like. 2,224,578; Dec. 10.

Weaner, Walter C., Muncie, Ind. Oil burner. 2,214,647; Sept. 10.

Weatherbee, James S., Basking Ridge, N. J. Split wing flap for airplanes. 2,222,187; Nov. 19.

Weatherford, Joseph H., Memphis, Tenn., assignor to Hull-Dobbs Enterprises, Akron, Ohio. Coin and ticket receptacle. 2,199,086; Apr. 30.

Weatherhead, Albert J., Jr., assignor to The Weatherhead Company, Cleveland, Ohio. Making valves. 2,209,709; July 30.

Weatherhead, Albert J., Jr., assignor to The Weatherhead Company, Cleveland, Ohio. Making work holding devices. 2,210,993; Aug. 13.

Weatherhead Company, The. (See Weatherhead, Albert J., Jr., assignor.)

Weatherhead Corporation, The. (See Hunziker, Fred, assignor.)

Weatherly, Edward C., Redfield, S. Dak. Train order delivering device. 2,202,544; May 28.

Weatherly, Morgan G., Mount Upton, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Ignition apparatus. 2,210,644; Aug. 6.

Weathers, Paul, Audubon, N. J., assignor to Radio Corporation of America. Bottle inspecting device. 2,192,568; Mar. 5.

Weathers, Paul, Audubon, N. J., asignor to Radio Corporation of America. Amplifying system. 2,210,390; Aug. 6.

Weathers, Warren F., assignor to Horton Manufacturing Company, Detroit, Mich. Door controlling system. 2,186,311; Jan. 9.

Weathers, Warren F., assignor of one-half to L. J. Flint, Detroit, Mich. Door opening mechanism. 2,204,638; June 18.

Weathers, Warren F., assignor of one-half to L. J. Flint, Detroit, Mich. Door operating mechanism. 2,215,678; Sept. 24.

Weaver, Albert S., Jr. (See Brant, W. S., Lucas, Weaver, and Eakle.)

Weaver, Allan, Port Washington, N. Y., assignor to American Telephone and Telegraph Company. Telegraph testing apparatus. 2,206,453; July 2.

Weaver Automotive Corporation, et al. (See Weaver, James C., assignor.)

Weaver, Charles E., Watertown, N. Y. Landing gear for aircraft. 2,189,093; Feb. 6.

Weaver, Charles E., Watertown, N. Y. Valve for controlling landing gear of aircraft. 2,189,094; Feb. 6.

Weaver, Earle R., Princeville, Ill. Pencil. 2,210,825; Aug. 6.

Weaver, Eastman A., Winchester, assignor to Comstock & Wescott, Inc., Cambridge, Mass. Color photography. 2,186,053; Jan. 9.

Weaver, Eastman A., Winchester, assignor to Comstock & Wescott, Inc., Cambridge, Mass. Color photography. 2,186,054; Jan. 9.

Weaver, Eastman A., Winchester, assignor to Comstock & Wescott, Inc., Cambridge, Mass. Color photography. 2,188,325; Jan. 30.

Weaver, Elbert F., Calumet City, Ill., assignor to International Smelting & Refining Company. Electrolytic manufacture of copper carbonates. 2,207,308; July 9.

Weaver, Harry E., South Euclid, Ohio, assignor to Bailey Meter Company. Control system. 2,193,184; Mar. 12.

Weaver, Harry E., South Euclid, Ohio, assignor to Bailey Meter Company. Meter. 2,200,378; May 14.

Weaver, Harry E., South Euclid, Ohio, assignor to Bailey Meter Company. Measuring apparatus. 2,207,423; July 9.

Weaver, Ira A., assignor to Weaver Manufacturing Company, Springfield, Ill. Balancing weight for automobile wheels. 2,218,410; Oct. 15.

Weaver, Ira A., and C. H. Phelps, assignors to Weaver Manufacturing Company, Springfield, Ill. Fluid-operated electric switch. 2,225,190; Dec. 17.

Weaver, James A., Jr. (See Barron, Langdon S., Sr., assignor.)

Weaver, James C., assignor to S. Snyder and J. A. Miller, Harrisburg, and H. Zook, Lancaster, Pa. Automobile speed governor. 2,194,880; Mar. 26.

Weaver, James C., assignor of twenty-five per cent to A. C. Berneker, fifteen per cent to C. E. Hartman, and five per cent to R. J. Howell, Harrisburg, Pa., and fifty-five per cent to Weaver Automotive Corporation. Automobile speed governor. 2,223,502; Dec. 3.

Weaver, Joe C., Jr. (See LeMaistre, J. W., Strickland, and Weaver.)

Weaver, John E., Flint, Mich. Tripod support. 2,188,237; Jan. 23.

Weaver, Karl S., assignor to Eastman Kodak Company, Rochester, N. Y. Method and means for measuring color. 2,218,253; Oct. 15.

Weaver Manufacturing Company. (See Weaver, Ira A., assignor.)

Weaver Manufacturing Company. (See Weaver, I. A., and Phelps, assignors.)

Weaver, Newton M. (See Wintsch, Max T., assignor.)

Weaver, Ralph J., Cuyahoga Falls, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Method and apparatus for treating weld rods. 2,226,043; Dec. 24.

Weaver Tractor Co. (See Brant, W. S., Lucas, Weaver, and Eakle, assignors.)

Weaver, Walter F., Los Angeles, Calif. Prefabricated structure. 2,193,994; Mar. 19.

Weaver, William R., El Paso, Tex. Display device. 2,194,238; Mar. 19.

Webb, Byron H., Washington, D. C., dedicated to the free use of the People in the Territory of the United States. Food product. 2,185,451; Jan. 2.

Webb, Charles C. (See McGinnis, A. B., and Webb.)

Webb, Charles C., assignor to Wheeling Stamping Company, Wheeling, W. Va. Apparatus for molding plastic articles. 2,225,672; Dec. 24.

Webb, Christian R. (See Sayen, E., and Webb.)

Webb, Daniel. (See Tarris, F. J., and Webb.)

Webb, Edwin Y., Jr., Atlanta, Ga. Portable transmission system. 2,206,590; July 2.

Webb, George Albert. (See Simpson, J. O., Webb and Mandeville.)

Webb, George H., Edgware, England. Machine for nibbling or punching metal and other sheets. 2,217,393; Oct. 8.

Webb, Hartwell W., Flint, assignor to General Motors Corporation, Detroit, Mich. Dust collecting element and making the same. 2,224,172; Dec. 10.

Webb, Horace D., Rochester, N. Y., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Welt shoe. 2,202,975; June 4.

Webb, J. A., Belting Co. (See Webb, James A., assignor.)

Webb, J. A., Belting Co. (See Webb, J. A., and Sleeper, assignors.)

Webb, James A., assignor to J. A. Webb Belting Co., Inc., Buffalo, N. Y. Machine for making multiply belting. 2,186,775; Jan. 9.

Webb, James A., and O. S. Sleeper, assignors to J. A. Webb Belting Co., Inc., Buffalo, N. Y. Belt making machine. 2,186,776; Jan. 9.

Webb, Jervis B., Company. (See Preble, Norman H., assignor.)

Webb, Jesse H., assignor to Rochester Box & Lumber Co., Rochester, N. Y. Cleat fastening device for boxes. 2,202,545; May 28.

Webb, John K. (See Scott, T. R., and Webb.)

Webb, John K., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electric cable. 2,209,895; July 30.

Webb, John K., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electric power cable. 2,213,875; Sept. 3.

Webb, John K., and R. C. Mildner, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Termination or joint for high tension electrical cables. 2,219,910; Oct. 29.

Webb, Kevin W. C., London, England, assignor of one-half to R. L. B. Gall, Westlake, Ootacamund, Nilgiris, South India. Photography. 2,196,133; Apr. 2.

Webb, Robert E., and W. Platt, Syracuse, assignors to The Borden Company, New York, N. Y. Citrus fruit gratings and the preparation thereof. 2,219,026; Oct. 22.

Webb, Wade J., Oklahoma City, Okla. Split rim. 2,209,803; July 30.

Webb, Wells A. (See Hillman, E. S., and Webb.)

Webb, Wells A., Berkeley, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,216,636; Oct. 1.

Webb, William L. (See Kuentzel, W. E., and Webb.)

Webber, George D., assignor to Webber Metric Gage Company, Cleveland, Ohio. Measuring instrument. 2,190,961; Feb. 20.

Webber, George D., assignor to Webber Metric Gage Company, Cleveland, Ohio. Measuring instrument. 2,224,281; Dec. 10.

Webber, Harry R. (See Walter, L. G., and Webber.)

Webber Metric Gage Company. (See Webber, George D., assignor.)

Webber, Owen T., New York, N. Y., assignor to Allegheny Ludlum Steel Corporation. Sink dishwasher. 2,218,942; Oct. 22.

Weber, Arthur W., Pawtucket, R. I., assignor to Corning Glass Works, Corning, N. Y. Tempering apparatus. 2,198,749; Apr. 30.

Weber, Arthur W., Belleville, N. J. Convertible chair and couch structure. 2,209,145; July 23.

Weber, Carl E., Shillington, assignor to Vanity Fair Silk Mills, Reading, Pa. Ticketing machine. 2,219,242; Oct. 22.

Weber Costello Company. (See Tieri, Gildo, assignor.)

Weber, Edward H., Jr., Toms River, N. J., assignor to American Telephone and Telegraph Company. Noise reducing receiving system. 2,208,953; July 23.

Weber Engine Company. (See Gold, Samuel B. and B. E., assignors.)

Weber, Ernst, Mount Vernon, N. Y., assignor to The Power Transmission Company, Incorporated. Vehicle driving and steering system. 2,209,641; July 30.

Weber, Frank, Astoria, Long Island, assignor to H. Heller, Staten Island, N. Y. Folding table and seat. 2,217,576; Oct. 8.
Weber, George H., Scarsdale, assignor to Brosites Machine Company, Inc., New York, N. Y. Dialyzing apparatus. 2,225,024; Dec. 17.
Weber, Güntner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Band-pass filter of wide frequency range. 2,219,027; Oct. 22.
Weber, H. G., & Company. (See Weber, Herman G. and H. H., assignors.)
Weber, Harry M., West Englewood, assignor to Ellis-Foster Company, Montclair, N. J. Composition of matter containing a cellulose derivative. Re. 21,485; June 18.
Weber, Herbert H. (See Weber, Herman G. and H. H.)
Weber, Herman, and J. R. De Hamer, assignors to Shakespeare Products Company, Kalamazoo, Mich. Buffing machine. 2,203,003; June 4.
Weber, Herman G. and H. H., Sheboygan, assignors to H. G. Weber & Company, Inc., Kiel, Wis. Machine and method of making multiply non-sifting bags. 2,215,518; Sept. 24.
Weber, Hermann, Zschopau, assignor to Auto Union Aktiengesellschaft, Chemnitz, Germany. Spring suspension for vehicle wheels. 2,187,921; Jan. 23.
Weber, Johannes, Stuttgart-Feuerbach, and H. Stoll and M. Hurst, assignors to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Output control for internal combustion engines. 2,190,630; Feb. 13.
Weber, John J. (See George, S. C., and Weber.)
Weber, John R. (See Sease, V. B., and Weber.)
Weber, Karl, Los Angeles, Calif. Dispensing pump. 2,203,242; June 4.
Weber, Karl H., Toledo, Ohio. Forming armature coils. 2,215,307; Sept. 17.
Weber-Knapp Company. (See Hough, Cyril T. M., assignor.)
Weber, Louis J. (See Auld, D. W., and Weber.)
Weber, Mathias J., and R. E. Vanderhoff, assignors to Continental Scale Corporation, Chicago, Ill. Weighing scale. 2,224,327; Dec. 10.
Weber, Max, assignor to N. H. Gerlach, Chicago, Ill. Constant level apparatus. 2,207,527; July 9.
Weber, Ottomar, Kurort Rathen-on-the-Elbe, Germany. Treatment of ooze to enable it to be transported. 2,207,470; July 9.
Weber, Peter J., and C. F. Witters, Milwaukee, Wis. Parting compound. 2,194,881; Mar. 26.
Weber, Richard A. (See Johanson, C. H., and Weber.)
Weber, Rudolf. (See Ulbricht, G., and Weber.)
Weber, Theodore R., Latrobe, Pa., assignor to American Locomotive Company, New York, N. Y. Journal box lid structure. 2,189,355; Feb. 6.
Weber, Theodore R., Latrobe, Pa., assignor to American Locomotive Company, New York, N. Y. Plate spring. 2,192,390; Mar. 5.
Weber, Theodore R., Latrobe, Pa., assignor to American Locomotive Company, New York, N. Y. Plate spring. 2,192,391; Mar. 5.
Weber, Theodore R., Latrobe, Pa., assignor to American Locomotive Company, New York, N. Y. Elliptic spring. 2,199,381; May 7.
Weber, Theodore R., Latrobe, Pa., assignor to American Locomotive Company, New York, N. Y. Elliptic spring. 2,202,786; May 28.
Weber, Theodore R., Latrobe, Pa., assignor to American Locomotive Company, New York, N. Y. Highway guard. 2,217,530; Oct. 8.
Weber, Theodore R., Latrobe, Pa., assignor to American Locomotive Company, New York, N. Y. Volute spring and making same. 2,220,857; Nov. 5.
Weber, Tobias, Los Angeles, Calif. Trailer. 2,197,401; Apr. 16.
Weber, Tobias, Los Angeles, Calif. Semitrailer. 2,223,650; Dec. 3.
Weber, Victor, assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Circuit breaker. 2,207,960; July 16.
Weber, Walter H., assignor to Detroit Lubricator Company, Detroit, Mich. Fuel feed system. 2,205,639; June 25.
Weber, William, Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Horn expander for can body making machines. 2,206,795; July 2.
Weber, William C. (See Dorr, J. V. H., Weber, Darby, and Roberts.)
Webster, Benjamin C., Jr., Fairfield, Conn. Sadiron support. 2,201,601; May 21.
Webster, Daniel B., Beachmont, assignor of thirty-five percent to W. Neary, Winthrop, Mass. Hair curler. 2,197,821; Apr. 23.
Webster, David L., and W. W. Hansen, assignors to The Board of Trustees of the Leland Stanford Junior University, Stanford University, Calif. Tunable efficient resonant circuit and use thereof. 2,227,372; Dec. 31.
Webster Electric Company. (See Dally, Roy, assignor.)
Webster Electric Company. (See Kleckner, Arthur C., assignor.)
Webster Electric Company. (See Osborne, Herbert C., assignor.)
Webster Electric Company. (See Osborne, Horace A., assignor.)
Webster, Harry F., Warren, Ohio. Lug strap. 2,212,577; Aug. 27.
Webster, Hugh, New York, N. Y. Hydraulic variable speed power transmitting mechanism. 2,197,165; Apr. 16.
Webster, Hugh G., assignor, by mesne assignments, to Kolene Corporation, Detroit, Mich. Solvent composition. 2,212,761; Aug. 27.
Webster, Lawrence. (See Potter, R. S., and Webster.)
Webster, Lawrence J., assignor to Defender Photo Supply Co., Inc., Rochester, N. Y. Chemical composition for acid hardening photographic fixing baths. 2,214,216; Sept. 10.
Webster, Leo E., assignor to Crescent Woolen Mills Co., Two Rivers, Wis. Bearing packing. 2,222,522; Nov. 19.
Webster, Towner K., Jr., Winnetka, Ill., assignor to The Hydro-Blast Corporation, Chicago, Ill. Apparatus for cleaning castings. 2,227,047; Dec. 31.
Webster, Warren, & Company. (See Binder, C. G., and Plum, assignors.)
Webster, Warren E., assignor to The Joyce-Cridland Company, Dayton, Ohio. Fluid operated apparatus. 2,210,741; Aug. 6.
Webster, William R., Bridgeport, Conn. Apparatus for heat treating strip metal. 2,201,417; May 21.
Webster, William R., Bridgeport, Conn. Continuous molding machine. 2,206,930; July 9.
Webster, William S. (See Dolbear, B. L., and Webster.)
Wechsberg, Otto, and H. Werner, assignors to Coppus Engineering Corporation, Worcester, Mass. Blower for annealing furnaces and the like. 2,226,986; Dec. 31.
Weckerly, Mark A., assignor to Toledo Scale Company, Toledo, Ohio. Weighing device. 2,208,284; July 16.
Weckerly, Mark A., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,213,599; Sept. 3.
Weckerly, Mark A., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,217,243; Oct. 8.
Weckerly, Mark A., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,220,668; Nov. 5.
Weckstein, Samson M., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roll neck bearing mounting. 2,195,794; Apr. 2.
Wecoline Products, Inc. (See Strauss, Frank A., assignor.)
Wedberg, Axel G. W., Chicago, Ill. Three ply flooring. 2,187,672; Jan. 16.
Weddell, Ralph R., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Inserted blade cutter. 2,185,487; Jan. 2.
Weddell, Ralph R., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Inserted blade cutter. 2,224,173; Dec. 10.
Weder, William J., Philadelphia, Pa., assignor to General Electric Company. Coating metals. 2,195,231; Mar. 26.
Wedge, Fred D. (See Unger, P. O., and Wedge.)
Wedger, Walter H. (See McGill, J. H., and Wedger.)
Wedger, Walter H., Belmont, assignor to B. B. Chemical Co., Boston, Mass. Plastic composition and molding the same. 2,194,579; Mar. 26.
Wedgwood, Reginald. (See Godfrey, A. F., and Wedgwood.)
Wedler, Frederick C., Easthampton, Mass., assignor to Duo-Dyeing Machine Company, Charlotte, N. C. Machine for dyeing fabrics. 2,204,839; June 18.
Weed, Edward L., assignor to J. J. White Manufacturing Company, Providence, R. I. Monogram ring and the like. 2,216,305; Oct. 1.
Weeden, Walter H., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Labeling machine. 2,192,875; Mar. 12.
Weedin, William T., Tulsa, Okla. Pitch raising device. 2,226,085; Dec. 24.
Weedon, Charles B., Highland Park, Mich. Storm window. 2,200,568; May 14.
Weedy, James, East Molesey, assignor to The Renold and Coventry Chain Company Limited, Didsbury, Manchester, England. Drilling jig. 2,214,686; Sept. 10.
Weege, Herman O., Chicago, Ill. Stamp-securing device. 2,194,105; Mar. 19.
Week, Edmund R., Jr., Oakland, Calif. Piston ring forming apparatus. 2,200,609; May 14.
Weekley, Boyd H., Shreveport, La., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for feeding batch to glass furnaces. 2,212,358; Aug. 20.
Weeks, Arthur B., Cleveland, Ohio. Shunt wire fastener. 2,199,532; May 7.
Weeks, Charles M., Chevy Chase, Md. Automatic humidifier. 2,212,996; Aug. 27.
Weeks, J. A., trustee, et al. (See Colton, H. S., and Rentschler, assignors.)
Weeks, Joseph S., deceased, Indianapolis, Ind.; R. L. Weeks, administratrix. Brake lever controlled switch. 2,186,055; Jan. 9.
Weeks, Lloyd W., Inglewood, assignor of one-fourth to C. F. Briscoe and one-fourth to F. Nelson, Los Angeles, Calif. Electrode holder. 2,186,158; Jan. 9.
Weeks, Marion E., Bremerton, Wash. Limit switch. 2,203,709; June 11.
Weeks, Robert W., West Chester, Pa. Self-regulating wind motor. 2,215,413; Sept. 17.

Weeks, Rosa L., administratrix. (See Weeks, Joseph S.)
Weeks, Walter L., Cranford, N. J., assignor to Mawen Motor Corporation, New York, N. Y. Engine. 2,212,283; Aug. 20.
Weeks, Warren I., Ventnor, N. J. Automatic braking system. 2,192,021; Feb. 27.
Weeks, William S. (See Rinard, E. B., and Weeks.)
Wegner, Daniel E., Mina, S. Dak. Generating baffle. 2,226,455; Dec. 24.
Wegner, Julius, Flushing, New York, N. Y. Riveting tool. 2,189,573; Feb. 6.
Wehe, Herman G., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic structure. 2,222,425; Nov. 19.
Wehler, Rudolf. (See von Milhàly, D., and Wehler.)
Wehmeier, Albert. (See Hofele, George, assignor.)
Wehmiller, Frederick W. (See Herold, J. L., and Wehmiller.)
Wehner, David E., Allison Park, Pa. Electromagnetic traction increaser. 2,198,928; Apr. 30.
Wehner, Georg M., Dresden, Germany. Driving belt. 2,220,869; Nov. 5.
Wehr, Julian, Mount Vernon, N. Y. Moving illustration. 2,192,763; Mar. 5.
Wehr, William G., assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Crane brake. 2,199,863; May 7.
Wehr, William G., East Cleveland, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Press brake. 2,199,864; May 7.
Wehr, William G., East Cleveland, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Overhead carrier system. 2,201,017; May 14.
Wehr, William G., East Cleveland, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Material handling apparatus. 2,205,550; June 25.
Wehrlin, Hans, Gumlingen, near Bern, Switzerland, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, (Germany), Lorenzeweg. High frequency current transformer. 2,214,915; Sept. 17.
Weichsel, Hans, Webster Groves, assignor to Wagner Electric Corporation, St. Louis, Mo. Gasometer construction. 2,194,580; Mar. 26.
Weichsel, Hans, Webster Groves, assignor to Wagner Electric Corporation, St. Louis, Mo. Gasometer construction. 2,194,581; Mar. 26.
Weichsel, Hans, Webster Groves, assignor to Wagner Electric Corporation, St. Louis, Mo. Gas supply apparatus for fluid tanks. 2,200,610; May 14.
Weidemann, Svend, Whitestone, assignor to Gotham Pressed Steel Corporation, New York, N. Y. Bowling game board. 2,206,213; July 2.
Weidenman, William T., Sr., Spring Valley, assignor to Telephonics Corporation, New York, N. Y. Separable electrical connector. 2,225,728; Dec. 24.
Weidert, Franz, Berlin-Schoneberg, and H. Löffler, Berlin-Lichterfelde, assignors to Degea Aktiengesellschaft (Auergesellschaft), Berlin, Germany. Protective glass. 2,219,122; Oct. 22.
Weidner, Edmund, Berlin-Charlottenburg, Germany. Disinfectant. 2,212,464; Aug. 20.
Weigand, John L., Dayton, Ohio. Setting type and mechanism therefor. 2,189,539; Feb. 6.
Weigel, Daniel M., Cleveland, Ohio. Internal combustion engine. 2,220,926; Nov. 12.
Weigel, E. O., & Sons. (See Weigel, Ernst O., Sr., assignor.)
Weigel, Ernst O., Sr., Irvington, assignor to E. O. Weigel & Sons, Newark, N. J. Fountain pen ink feed. 2,192,513; Mar. 5.
Weigel, Herbert L. (See Harding, M., and Weigel.)
Weightman, John S., Dale End, Birmingham, assignor to Gaskell & Chambers, Limited, Birmingham, England. Measuring tap. 2,207,138; July 9.
Weightman, John S., Dale End, assignor to Gaskell & Chambers, Limited, Birmingham, England. Measuring tap. 2,207,139; July 9.
Weigle, George J. (See Drake, Clarke S., assignor.)
Weigner, Otto, Vienna, assignor to Elin A. G. für elektrische Industrie, Vienna-Weiz, (Styria), Austria. Automatic arc welding. 2,210,645; Aug. 6.
Weihe, Adolf, Bad Soden, Taunus, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Thiodiglycol-polycarboxylic acid condensation products. 2,221,418; Nov. 12.
Weihe, Frederick A., Jr., assignor to McAleer Manufacturing Company, Detroit, Mich. Polishing composition. 2,214,263; Sept. 10.
Weihe, Hermann K., Berlin, Germany. Cylinder for hydraulic brakes. 2,191,054; Feb. 20.
Weihe, Hermann K., Chemnitz, Germany. Hydraulic brake apparatus. 2,217,461; Oct. 8.
Weiher, Edward C., Colorado Springs, Colo. Clutch lock. 2,208,807; July 23.
Weihmiller, Horace E., Washington, D. C., assignor to Consolidated Aircraft Corporation. Retractable hydrovane. 2,214,945; Sept. 17.
Weijlard, John. (See Engels, W. H., and Weijlard.)
Weijlard, John, assignor to Merck & Co. Inc., Rahway, N. J. Purifying co-carboxylase. 2,224,174; Dec. 10.
Weijlard, John, and W. H. Engels, assignors to Merck & Co. Inc., Rahway, N. J. Preparing the nitriles of alpha-naphthyl substituted lower fatty acids. 2,185,237; Jan. 2.
Weijlard, John, and W. H. Engels, Rahway, and C. V. Holland, Westfield, assignors to Merck & Co. Inc., Rahway, N. J. Fermentative process for the production of sorbose. 2,207,768; July 16.
Weil, Maximilian, New York, N. Y. Magnetic pickup. 2,212,530; Aug. 27.
Weil, Paul, Baltimore, Md., assignor to The Chemical Foundation, Incorporated, New York, N. Y. Recovery of pregnandiol. 2,215,628; Sept. 24.
Weiland, Alfred, and J. R. Zwickl, Philadelphia, Pa., assignors to Baldwin-Southwark Corporation. Air conditioning apparatus. 2,185,387; Jan. 2.
Weiland, Joseph, assignor to The Butler-Weiland Corporation, Anderson, Ind. Tiling. 2,201,129; May 14.
Weilemann, John, Connersville, Ind., assignor, by mesne assignments, to Auburn Central Manufacturing Corporation. Sliding lid for cabinets. 2,223,023; Nov. 26.
Weiler, Joseph F. (See Biggs, B. S., and Weiler.)
Weiler, Peter B. (See Lewis, A. M., and Weiler.)
Weill, Hans. (See Rinkel, Paul, assignor.)
Weimann, Max, Frankfort-on-the-Main, Germany, assignor, by mesne assignments, to Chemical Marketing Company Inc., New York, N. Y. Extracting aliphatic acids from aqueous solutions. 2,211,087; Aug. 13.
Weimer, Hugo W. (See Clicquennoi, I. M., and Weimer.)
Weimer, Leith C. (See Voit, W. J., and Weimer.)
Weimer, Leland S., Newark, Ohio. Control system for electric cooking ovens. 2,218,778; Oct. 22.
Weimer, Philip G., Verona, N. J. Egg venting device. 2,224,941; Dec. 17.
Weimer, Raymond S., Morris, Ill. Excavator. 2,200,315; May 14.
Wein, John F., Indianapolis, Ind., assignor to Radio Corporation of America. Soundhead. 2,220,504; Nov. 5.
Wein, Samuel, New York, N. Y., assignor to The B-L Electric Manufacturing Co., St. Louis, Mo. Making selenium rectifier films. 2,186,085; Jan. 9.
Weinand, Klaus, Leverkusen-I. G. Werk, and K. Bamberger, Cologne-Mulheim, Germany, assignors to General Aniline & Film Corporation. Wool dyestuffs of the anthraquinone series. 2,195,067; Mar. 26.
Weinand, Klaus, Leverkusen-I. G. Werk, and A. Modersohn, Cologne-Mulheim, Germany, assignors to General Aniline & Film Corporation. Anthraquinone dyestuffs. 2,216,258; Oct. 1.
Weinaug, Emile. (See Onorato, P., and Weinaug.)
Weinberg, Edward J. (See Phelps, A. W., and Weinberg.)
Weinberg, Herman, Philadelphia, Pa. Viola and violin shoulder rest pad. 2,208,824; July 23.
Weinberg, Maurice J., New York, N. Y. Process and apparatus for forming butter chips. 2,193,013; Mar. 12.
Weinberg, Maurice J., New York, N. Y. Butter-chip maker. 2,193,014; Mar. 12.
Weinberger, Emanuel, New York, N. Y. Coffee infuser. 2,187,187; Jan. 16.
Weinberger, Jan, Brunn, Czechoslovakia. Nonballooning spindle for spinning machines. 2,198,020; Apr. 23.
Weinberger, Jan, Lowell, Mass. Drawing roll. 2,198,279; Apr. 23.
Weinberger, Jan, Brunn, Czechoslovakia, assignor of twenty-five per cent to St. George Textile Corporation, New York, N. Y. High draft mechanism for cotton flier and spinning frames. 2,208,174; July 16.
Weinberger, Jan, Brunn, Czechoslovakia, assignor of twenty-five per cent to St. George Textile Corporation, New York, N. Y. Drawing frame for treating vegetable, animal, or artificial fibers of varying lengths. 2,223,589; Dec. 3.
Weiner, Albert. (See Goetz, Wilhelm, assignor.)
Weiner, Albert. (See Handman, Maurice, assignor.)
Weiner, Charles, et al. (See Hermann, Wolfgang, assignor.)
Weiner, Harry. (See Coffelt, Terrill M., assignor.)
Weiner, Harry, Brooklyn, and E. I. Friedman, New York, N. Y. Slicing machine. 2,213,436; Sept. 3.
Weiner, Martha, et al. (See Hermann, Wolfgang, assignor.)
Weiner, Martin. (See Thourot, Paul, assignor.)
Weiner, Morris, Bronx, assignor to Ralph W. Biggs & Co., Inc., New York, N. Y. Jewelry clasp. 2,186,438; Jan. 9.
Weinerth, George S., et al. (See Berstler, Carl E., assignor.)
Weinerth, George S., Reading, Pa. Spark plug. 2,188,166; Jan. 23.
Weingand, Richard, and G. B. Brummack, Bomlitz, Germany. Making tubing and the product so produced. 2,210,436; Aug. 6.
Weingartner, Gerald A. (See Gundersen, J. A., and Weingartner.)
Weingott, Herbert S., and A. Kingaby, London, England. Memorandum pad assembly. 2,225,025; Dec. 17
Weinhardt, Robert A., Lansing, assignor of one-fourth to H. B. Trix, one-fourth to J. A. Kienle, and one-fourth to A. Vang, Wayne County, Mich. Pump. 2,203,974; June 11.
Weinhart, Howard W., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cathode ray discharge device. 2,185,283; Jan. 2.
Weinhart, Howard W., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge device. 2,207,841; July 16.
Weinhold, Karl. (See Oeckl, O., Weinhold, Pleines, and Kessler.)

Weinig, Arthur J., Golden, assignor to Potash Company of America, Denver, Colo. Concentration process. 2,188,931; Feb. 6.
Weinig, Arthur J., Golden, assignor to Potash Company of America, Denver, Colo. Flotation process for sylvinite ores. 2,188,932; Feb. 6.
Weinig, Arthur J., Golden, assignor to Potash Company of America, Denver, Calo. Flotation treatment of sylvinite ores. 2,188,933; Feb. 6.
Weinig, Arthur J., Golden, assignor to Morse Bros. Machinery Company, Denver, Colo. Aeration apparatus. 2,198,143; Apr. 23.
Weinig, Arthur J., Golden, Colo., assignor to Riverside Cement Company, Los Angeles, Calif. Treating calcareous materials. 2,208,143; July 16.
Weinig, Arthur J., Golden, assignor to Potash Company of America, Denver, Colo. Treating sylvinite ores. 2,211,396; Aug. 13.
Weinig, Arthur J., Golden, assignor to Potash Company of America, Denver, Colo. Selective flotation of sodium chloride from sylvinite ores. 2,211,397; Aug. 13.
Weinig, Arthur J., Golden, assignor to Potash Company of America, Denver, Colo. Salt purification. 2,222,330; Nov. 19.
Weinig, Arthur J., Golden, assignor to Potash Company of America, Denver, Colo. Flotation process. 2,222,331; Nov. 19.
Weinig, Arthur J., Golden, assignor to Potash Company of America, Denver, Colo. Treatment of sylvinite ore. 2,222,332; Nov. 19.
Weinig, Arthur J., Golden, Colo. Abrasive. 2,224,711; Dec. 10.
Weinlich, Hermann A., Berlin-Wilmersdorf, Germany, assignor to International Business Machines Corporation, New York, N. Y. Comparing mechanism for tabulators. 2,220,502; Nov. 5.
Weinman, Edwin L., New York, N. Y. Combination couch and bed construction. 2,203,398; June 4.
Weinmayr, Viktor M. (See Tinker, J. M., and Weinmayr.)
Weinreich, Charles A., Dundalk, Md. Card table trump indicator. 2,216,061; Sept. 24.
Weinreich, George F., assignor to Scale-Models, Inc., Chicago, Ill. Track construction. 2,186,186; Jan. 9.
Weinschenk, Martin, Buenos Aires, Argentina. Dredging, lifting, and conveying apparatus. 2,224,282; Dec. 10.
Weinstein, Irving M., Chicago, Ill. Bookstand. 2,224,530; Dec. 10.
Weir, Ensley A., et al. (See Stake, Herman, assignor.)
Weir, Horace M., Ventnor, N. J. Cracking process and apparatus. 2,192,214; Mar. 5.
Weir, James, Cleveland, Ohio, assignor to Aluminum Company, of America, Pittsburgh, Pa. Intake manifold. 2,199,059; Apr. 30.
Weir, James W., Los Angeles, Calif., assignor, by mesne assignments, to Edeleanu Gesellschaft m. b. H., Berlin, Germany. Refining hydrocarbon oils. 2,209,865; July 30.
Weir, Perry, Frankfort, Mich., assignor, by mesne assignments, to Cherry Growers, Inc., Traverse City, Mich. Grading machine. 2,202,508; May 28.
Weirich, Clarence L., assignor to The C. B. Dolge Company, Westport, Conn. Fungicidal preparation. 2,223,142; Nov. 26.
Weirich, J. Alvin. (See Greed, William M., assignor.)
Weis, Albert H., Nyack, assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Looper mechanism. 2,201,384; May 21.
Weis, Arthur. (See Price, J. G., Sneva, and Weis.)
Weis, Arthur R., and G. E. Bigelow, assignors to Pacific Pump Works, Huntington Park, Calif. Balancing and leakage device for centrifugal pumps. 2,221,225; Nov. 12.
Weis, Joseph H. (See Peddrick, C. H., Jr., and Weis.)
Weisbecker, August L., North Glenside, assignor to Hosiery Patents Incorporated, Lansdale, Pa. Yarn carrier and making same. 2,218,977; Oct. 22.
Weisbecker, August L., North Glenside, assignor to Hosiery Patents, Incorporated, Lansdale, Pa. Knitting. 2,218,978; Oct. 22.
Weisbecker, Frank G., Glenside, assignor to Arcadia Patents Incorporated, Lansdale, Pa. Knitting machine. 2,214,712; Sept. 10.
Weisbecker, Frank G., Glenside, assignor to Hosiery Patents Incorporated, Lansdale, Pa. Knitting machine. 2,218,976; Oct. 22.
Weisbecker, Frank G., Glenside, assignor to Hosiery Patents Incorporated, Lansdale, Pa. Knitting machine. 2,222,161; Nov. 19.
Weisbecker, Frank G., Glenside, assignor to Hosiery Patents Incorporated, Lansdale, Pa. Verge plates and making same. 2,227,403; Dec. 31.
Weisberg, Louis, Inc. (See Greenspan, Lawrence, assignor.)
Weisberg, Louis. (See Hubbell, J. P., and Weisberg.)
Weisberger, Arthur A., Chicago, Ill. Tube squeezer. 2,210,226; Aug. 6.
Weisberger, Dave. (See Pliskoff, P., and Weisberger.)
Weisenburg, Andrew, and M. W. Augustyniak, assignors to Crown Can Company, Philadelphia, Pa. Machine for soldering lithographed cans on the inside. 2,193,955; Mar. 19.
Weisend, Otto F., Columbus, Ohio. Coat. 2,226,486; Dec. 24.
Weiser, Hanley H. (See Deitz, L. S., Jr., and Weiser.)
Weisgerber, Charles F., assignor to Alloy Steel and Metals Company, Los Angeles, Calif. Electric melting furnace. 2,202,362; May 28.
Weisgerber, Frank J., Aurora, Ill. Match container. 2,205,737; June 25.
Weisglass, Louis. (See Strauss, S., and Weisglass.)
Weiskopf, Edwin C., et al. (See Pisarev, David C., assignor.)
Weisman, Maurice, Roxbury, Mass. Coffee and preparing the same. 2,224,942; Dec. 17.
Weisman, Ralph. (See Weissman, S., and Weisman.)
Weiss, Adolph, Brooklyn, N. Y., assignor to Champlain Corporation, Garfield, N. J. Printing machinery. 2,217,191; Oct. 8.
Weiss, Arthur J., Englewood, N. J., and H. J. Rossi, Bronx, assignors to Robert Gair Company, Inc., New York, N. Y. Paperboard container and making same. 2,216,527; Oct. 1.
Weiss, Charles R., Indianapolis, Ind., assignor to Link-Belt Company. Corrosive resistant chain and drive. 2,188,025; Jan. 23.
Weiss, Charles R., Indianapolis, Ind., assignor to Link-Belt Company. Multiple assembly roller chain. 2,212,907; Aug. 27.
Weiss, Dewey S., Portland, Oreg. Trailer coupling. 2,217,148; Oct. 8.
Weiss, Ernst. (See Heberlein, G., Jr., Weiss, and Hemmi.)
Weiss, Ernst, Bunt, Wattwil, Switzerland, assignor to Heberlein Patent Corporation, New York, N. Y. Mercerizing fabric. 2,203,375; June 4.
Weiss, Franz, Park Ridge, Ill. Multicolor printing. 2,214,687; Sept. 10.
Weiss, Franz, Park Ridge, Ill. Multicolor printing plate. 2,220,745; Nov. 5.
Weiss, Georg. (See Ring, F., and Weiss.)
Weiss, Hans. (See Speer, W., and Weiss.)
Weiss, Harry, New York, N. Y. Cardiac recording apparatus. 2,202,935; June 4.
Weiss, Harry D. (See Mills, A. R., and Weiss.)
Weiss, Henry. (See Weiss, Isidor, M., and H.)
Weiss, Isidor, Far Rockaway, M. Weiss, Woodmere, and H. Weiss, Far Rockaway, N. Y. Barrier rope. 2,207,043; July 9.
Weiss, Johann, Berlin-Frohnau, Germany. Labeling device. 2,214,096; Sept. 10.
Weiss, John M., New York, N. Y., assignor to The Calorider Corporation, Greenwich, Conn. Catalytic oxidation of benzene. 2,206,377; July 2.
Weiss, John M., New York, N. Y., assignor, by mesne assignments, to Calorider Corporation. Contact mass for use in the catalytic vapor phase oxidation of organic compounds. 2,209,908; July 30.
Weiss, Ludwig, assignor to Deutsche Gold und Silber Scheide-Anstalt, vormals Roessler, Frankfort-on-the-Main, Germany. Preparation of cerium sulphate. 2,222,924; Nov. 26.
Weiss, Mac. (See Weiss, Isidor, M., and H.)
Weiss, Samuel, assignor to Vaughan Motor Co., Inc., Portland, Oreg. Industrial truck. 2,208,954; July 23.
Weiss, Samuel L., Brooklyn, N. Y. Swiveling bracket. 2,216,149; Oct. 1.
Weiss, Sidney, University City, Mo. Game board. 2,218,998; Oct. 22.
Weiss, Sol. (See Seinfeld, L., and S. Weiss.)
Weissberger, Arnold, assignor to Eastman Kodak Company, Rochester, N. Y. Developer containing sulphonamide groups. 2,193,015; Mar. 12.
Weissbrodt, Jean E., assignor to Société Facin, Boulogne-sur-Seine, France. Aircraft machine gun camera. 2,206,015; July 2.
Weisse, Ernst, Rackwitz, near Leipzig, Germany, assignor, by mesne assignments, to W. H. Duisberg, New York, N. Y. Coiling means for metal bands for the purpose of heat treating the same. 2,224,997; Dec. 17.
Weissenborn, Albert, Desau in Anhalt, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Perfumery mixture. 2,210,311; Aug. 6.
Weissert, Walter J., Carnegie, Pa., assignor to Tracy Manufacturing Company. Sink bowl construction. 2,193,680; Mar. 12.
Weissman, Samuel, and R. Weisman, Detroit, Mich. Back rest and pull-out for sliding couches. 2,189,188; Feb. 6.
Weisz, Rezsö, Budapest, assignor to the firm Chinoin Gyogyszer es Vegyeszeti Termekek Gyara R. T., Dr. Kereszty and Dr. Wolf, Ujpest, Hungary. Preparing reduction products of etherified estrone. 2,208,915; July 23.
Weith, George S., Caldwell, N. J., assignor to Bakelite Corporation, New York, N. Y. Resinous composition. 2,199,900; May 7.
Weitz, Henry J., Morris, Ill. Conditioning fertilizer. 2,200,107; May 7.
Weizmann, Charles, Kensington, London, England. Degrading protein products. 2,206,622; July 2.
Weizmann, Charles, London, England. Protein preparation. 2,217,264; Oct. 8.
Weizmann, Charles, London, England. Yeast preparation. 2,225,576; Dec. 17.
Wekerle, Ernest A., Los Angeles, Calif., assignor of twenty-four and one-half percent to A. Jordan and of fifty-one percent to R. L. Tracy and J. W. Collins. Self-closing cap. 2,194,039; Mar. 19.

Weksler Thermometer Corporation. (See Barker, Howard H., assignor.)
Welch, Alanson U., Jr., Pittsfield, Mass., assignor to General Electric Company. Control system. 2,214,868; Sept. 17.
Welch, Alanson U., Jr., and L. W. Foster, Pittsfield, Mass., assignors to General Electric Company. Protection of alternating current electric systems. 2,224,623; Dec. 10.
Welch, Arthur R., Hoquiam, Wash. Composite board. 2,200,650; May 14.
Welch, Columbus F., Hialeah, Fla. Riveting tool. 2,220,662; May 14.
Welch, Elmer B., McKeesport, and L. G. Firth, Pittsburgh, Pa., assignors to Firth-Sterling Steel Company. High-speed steel. 2,185,616; Jan. 2.
Welch, Elmer B., McKeesport, and L. G. Firth, Pittsburgh, Pa., assignors to Firth-Sterling Steel Company. High-speed steel. 2,185,617; Jan. 2.
Welch, Elmer B., McKeesport, and L. G. Firth, Pittsburgh, Pa., assignors to Firth-Sterling Steel Company. High-speed steel. 2,185,618; Jan. 2.
Welch, Elmer B., McKeesport, and L. G. Firth, Pittsburgh, Pa., assignors to Firth-Sterling Steel Company. High-speed steel. 2,185,619; Jan. 2.
Welch, Floyd D., Shreveport, La. Wallboard. 2,186,511; Jan. 9.
Welch, Frank N., Flint, Mich. Apparatus for heating. 2,203,425; June 4.
Welch, Frederic E., Yonkers, N. Y. Glider apparatus. 2,225,425; Dec. 17.
Welch, Herman J., Waukesha, Wis. Archery sight device. 2,191,207; Feb. 20.
Welch, Herman P., assignor to Backstay Welt Company, Union City, Ind. Twisting machine and method. 2,226,352; Dec. 24.
Welsh, James W., Providence, R. I., assignor to Welsh Manufacturing Company. Making a tube of cellulose material. 2,225,026; Dec. 17.
Welch, John T. (See Stanley, Charles J., assignor.)
Welch, John T. (See Stanley, C. J., and Welch.)
Welch, John T., Dowagiac, Mich., assignor of one-half to C. J. Sanley, Chicago, Ill. Tile structure. 2,195,910; Apr. 2.
Welch, Kenneth C. (See Williams, P. G., and Welch.)
Welch, Kenneth C., assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Reflector. 2,194,841; Mar. 26.
Welch, Kenneth C., assignor to Grand Rapids Store Equipment Co., Grand Rapids, Mich. Shelf support. 2,208,234; July 16.
Welch, Leon E., Detroit, Mich. Self-striking fishing leader. 2,200,651; May 14.
Welch, Lewis W., Dearborn, and A. F. Millington, Northville, assignors, by mesne assignments, to The Manufacturers National Bank of Detroit, Detroit, Mich. Heater. 2,185,484; Jan. 2.
Welch, Lewis W., Dearborn, and A. F. Millington, Northville, assignors, by mesne assignments, to The Manufacturers National Bank of Detroit, Detroit, Mich. Making heat exchange devices. 2,185,485; Jan. 2.
Welsh Manufacturing Company. (See Welsh, James W., assignor.)
Welch, Orin, South Bend, Ind. Inflatable tire. 2,190,905; Feb. 20.
Welch, Rodney R., Detroit, Mich. Angle truing device. 2,223,879; Dec. 3.
Welch, Verne E., Mount Vernon, S. Dak. Sled runner. 2,222,386; Nov. 19.
Welch, William H., Chicago, Ill., assignor, by mesne assignments, to The Firestone Tire & Rubber Company, Akron, Ohio. Electrode. 2,188,771; Jan. 30.
Welch, William M., Austin, Tex. Bubble tower. 2,197,199; Apr. 16.
Weld, Foster E. (See Bridges, F. R., and Weld.)
Weldin, Lewis C., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Progressive burning smokeless powder. 2,201,640; May 21.
Weldin, Lewis C., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Spring clip for mortar charges. 2,215,075; Sept. 17.
Weldon, Thomas G. (See McCann, W. O., and Weldon.)
Weldon Tool Company, The. (See Hedin, Oscar C., assignor.)
Welin Davit and Boat Corporation. (See Harkrader, Carl L., assignor.)
Welk, Nelson S., assignor to The McBee Company, Athens, Ohio. Binder for loose leaves. 2,201,551; May 21.
Welker, Harry L. (See Welker, H. L., and Cremer, assignors.)
Welker, Harry L., and F. Cremer, Williamsport, Pa., assignors to H. L. Welker. Air cushion and making the same. 2,193,750; Mar. 12.
Welker, Harry L., and F. Cremer, Williamsport, Pa., assignor to H. L. Welker. Continuous process for manufacturing rubber threads, strips, and the like from latex. 2,197,087; Apr. 16.
Welker, Harry L., and F. Cremer, assignors to H. L. Welker, Williamsport, Pa. Manufacturing rubber thread and the like. 2,197,088; Apr. 16.
Well Surveys, Incorporated. (See Scherbatskoy, Serge A., assignor.)
Wellborn, Roy B., J. L. Dye, and N. R. Perry, Osage, Okla. Safety wrench. 2,197,908; Apr. 23.
Wellech, Edmund H., Corning, N. Y., assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Glass wool apparatus. 2,220,433; Nov. 5.
Weller, Charles A., Bloomfield, N. J. Chemical apparatus. 2,195,436; Apr. 2.
Weller, John, West Horsley, England. Tensioning device for transmission chains and the like. 2,191,946; Feb. 27.
Weller, Ralph H. (See Smith, A. C., and Weller.)
Welles, Merrill C., Belmont, Mass. Animated display. 2,202,178; May 28.
Wellesley Holdings Limited. (See Townsend, Charles S., assignor.)
Wellington Machine Company. (See Gannett, Chauncey W., assignor.)
Wellman, Homer B., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Method and composition for improving Diesel fuel ignition. 2,226,298; Dec. 24.
Wellman, Howard C. (See Lyman, D. F., and Wellman.)
Wellman, S. K., Company, The. (See Wellman, Samuel K., assignor.)
Wellman, Samuel K., Cleveland Heights, Ohio, assignor to The S. K. Wellman Company, Cleveland, Ohio. Cushioned friction clutch. 2,207,961; July 16.
Wellman Seaver Rolling Mill Company Limited. (See Smith, Sydney, assignor.)
Wellman, Victor E., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubberlike polymer and making the same. 2,196,714; Apr. 9.
Wellman, Victor E., and W. L. Semon, Silver Lake, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Reactivation of spent hydrogenation catalysts. 2,208,616; July 23.
Wells, Albert S., assignor to Wells-Gardner & Company, Chicago, Ill. Tuning mechanism for radio receiving set. 2,214,785; Sept. 17.
Wells, Alvin W., Chicago, assignor of one-half to J. W. Wells, Decatur, Ill. Tone modifier device for electrical musical instruments. 2,205,804; June 25.
Wells, Bryan D., Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of catalysts. 2,225,811; Dec. 24.
Wells, Cecil L., Port Credit, assignor to Toronto Carton Company Limited, Toronto, Ontario, Canada. Garment hanger. 2,204,875; June 18.
Wells-Gardner & Company. (See Wells, Albert S., assignor.)
Wells, George W., Amesbury, Mass., assignor to Harley C. Loney Company, Detroit, Mich. Striker plate. 2,215,434; Sept. 17.
Wells, Gorden S. (See Daly, G. F., and Wells.)
Wells, Jewell W. (See Wells, Alvin W., assignor.)
Wells, John A. (See Marsom, E., and Wells.)
Wells, Joseph H., and P. J. Wilson, Jr., Pittsburgh, Pa., assignors to Carnegie-Illinois Steel Corporation. Disposal of coke plant waste liquors. 2,199,767; May 7.
Wells Lamont Smith Corp. (See Moore, Cecil E., assignor.)
Wells, Lancelot E., Northampton, assignor to The Express Lift Company Limited, Westminster, London, England. Electric inductor relay. 2,189,597; Feb. 6.
Wells, Latinus A., assignor of one-eighth to H. G. Tuggle and one-eighth to J. L. Neal, Danville, Va. Glare shield. 2,204,739; June 18.
Wells, Leland E., Cleveland Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery lifter. 2,199,378; Apr. 30.
Wells, Leland E., Cleveland Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Vent chamber for storage batteries. 2,214,803; Sept. 17.
Wells, Norman, Epsom Downs, and A. W. Ladner, Danbury, England, assignors to Radio Corporation of America. Aerial and associated feeder system. 2,195,232; Mar. 26.
Wells, Norman C. (See Davis, E. L., Cole, Larson, and Wells.)
Wells, R. H., et al. (See Brown, Lawrence L., assignor.)
Wells, Raymond, Bridgeboro, and H. M. Kieckhefer, Riverton, assignors to Kieckhefer Container Company, Belair, N. J. Container. 2,201,462; May 21.
Wells, Sherman F., Minneapolis, Minn. Vacuum cleaner with auxiliary dust-receiving bag. 2,219,911; Oct. 29.
Wells, Sidney D., Combined Locks, Wis., assignor to The Dow Chemical Company, Midland, Mich. Improving color of iron stained material. 2,214,845; Sept. 17.
Wells, Stanley A. E. (See Murphy, A. J., and Wells.)
Wells, Walter T., Glendale, assignor to Lane-Wells Company, Los Angeles, Calif. Bridging plug. 2,191,783; Feb. 27.
Wells, Wesley B., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical connector. 2,187,527; Jan. 16.
Wells, Wesley B., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Light signal. 2,190,526; Feb. 13.
Wells, Wesley B., Wilkinsburg, and W. K. Lockhart, Penn Township, Allegheny County, assignors to The Union Switch & Signal Company, Swissvale, Pa. Electromagnetic switch. 2,224,417; Dec. 10.
Wells, William F. (See Fair, G. M., and Wells.)
Wells, Willis L., Clayton, Mo., assignor to Curtiss-Wright Corporation. Visibility control wheel. 2,203,852; June 11.

Welsh Manufacturing Company. (See Lindblom, Frank W., assignor.)
Welte, Benedict, Berkley, and A. H. Werden, Royal Oak, assignors to Colonial Broach Company, Detroit, Mich. Broaching machine. 2,225,191; Dec. 17.
Welte-Mignon Piano Corporation. (See Cheek, T. F., and Collyer, assignors.)
Welter, Sebastian J., assignor to Armstrong Bros. Tool Co., Chicago, Ill. Thread cutting tool holder. 2,211,039; Aug. 13.
Weltmer, Tracy C., assignor, by mesne assignments, to Interstate Bakeries Corporation, Kansas City, Mo. Cake package or the like. 2,200,867; May 14.
Welton, Wright M. (See Obenshain, N., and Welton.)
Welty, Frank and R. D., Youngstown, Ohio. Faucet. 2,202,179; May 28.
Welty, Kenneth S., Cicero, Ind. Screw cap retainer. 2,224,364; Dec. 10.
Welty, Raymond D. (See Welty, Frank and R. D.)
Weman, Klas, Djursholm, assignor to A. B. Hg. Relay Patent, Stockholm, Sweden. Mercury switch. 2,194,239; Mar. 19.
Wemp, Ernest E., Detroit, Mich. Automotive vehicle clutch. 2,194,040; Mar. 19.
Wemp, Ernest E., Detroit, Mich. Hydraulic clutch. 2,205,054; June 18.
Wemp, Ernest E., Detroit, Mich. Clutch. 2,206,988; July 9.
Wenczler, Ludwig, Berlin–Nikolassee, Germany. Automatic focusing device. 2,190,815; Feb. 20.
Wendeborn, Helmut, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Charging device for sintering apparatus. 2,194,626; Mar. 26.
Wendel, Frans B., Long Island City, N. Y. Die assembly for forming hollow metal articles. 2,188,197; Jan. 23.
Wendel, Frans B., assignor to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Coupling tubes. 2,209,181; July 23.
Wendel, Frans B., Long Island City, assignor to W. S. A. Incorporated, New York, N. Y. Blank for making hollow wrought metal articles. 2,210,437; Aug. 6.
Wendel, Frans B., Long Island City, N. Y., and T. H. Pearsall, Waterbury, Conn., assignors, by mesne assignments, to W. S. A., Incorporated, New York, N. Y. Method of and apparatus for making hollow articles. 2,198,643; Apr. 30.
Wendel, Rudolf, Roslyn Heights, N. Y. Illuminating system. 2,210,391; Aug. 6.
Wendel, William B., Memphis, Tenn. Measuring instrument. 2,223,143; Nov. 26.
Wendler. Elmer J., Southgate, Calif. Milk sediment tester. 2,197,909; Apr. 23.
Wendt, Bruno. (See Eggert, J., and Wendt.)
Wendt, Friedrich, and J. Haug, Berlin, Germany. Suspension for instruments on test stands. 2,218,779; Oct. 22.
Wendt, Herbert C., assignor to Hackney Brothers Body Company, Wilson, N. C. Vehicle body structure. 2,186,689; Jan. 9.
Wendt, Herbert C., assignor to Hackney Brothers Body Company, Wilson, N. C. Roof bow for a closed vehicle body. 2,205,640; June 25.
Wendt, Karl R. (See Maloff, I. G., Epstein, and Wendt.)
Wendt, Karl R., Audubon, N. J., assignor to Radio Corporation of America. Cathode ray tube deflecting circuit. 2,207,389; July 9.
Wengel, Arthur M., Madison, Wis., assignor to Ray-O-Vac Company. Hearing aid device. 2,192,669; Mar. 5.
Wengel, Arthur M., Madison, Wis., assignor to Ray-O-Vac Company. Method and apparatus for testing hearing. 2,217,394; Oct. 8.
Wengel, Raymond W., assignor to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for forming a reflector support on an incandescent lamp. 2,218,254; Oct. 15.
Wengen, Frank J., assignor to Eagle Knitting Mills, Inc., Milwaukee, Wis. Knitted cap. 2,199,473; May 7.
Wenger, Edgar, Calgary, Alberta, Canada. Battery cable connector. 2,222,129; Nov. 19.
Wenger, Floyd E., assignor to R. L. Triplett, Bluffton, Ohio. Tube tester. 2,190,962; Feb. 20.
Wenger, Louis, Sabetha, Kans. Feed mixer. 2,218,320; Oct. 15.
Wenk, Hans, and F. Grieshaber, Riehen, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Dyestuff mixtures and process for producing fast gray and black prints. 2,193,751; Mar. 12.
Wenker, Sebastian, et al. (See Stephan, James L., assignor.)
Wenn, Floyd D., Binghamton, assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Making brake levers. 2,199,366; Apr. 30.
Wennberg, Odd, Laurelton, N. Y. Twisting machine. 2,217,301; Oct. 8.
Wennerlund, Sigfrid A., Orebro, Sweden. Shoe sewing machine. 2,225,812; Dec. 24.
Wennerstrom, Carl G., Evanston, Ill., assignor to Universal Gear Corporation, Indianapolis, Ind. Power transmission mechanism. 2,204,521; June 11.
Wenning, Heinrich. (See Krzikalla, H., and Wenning.)
Wenton, Julius F., assignor to B. J. Hyman, doing business as Paramount Studios, New York, N. Y. Metal picture. 2,212,091; Aug. 20.
Wentorf, Robert H., assignor to West Ben Aluminum Company, West Bend, Wis. Food preparing utensil. 2,222,791; Nov. 26.
Wentworth, Chandler. (See Harvey, R. L., and Wentworth.)
Wentworth, John, Chicago, Ill. Electric heating device. 2,196,484; Apr. 9.
Wentworth, Philip C. (See Wood, J. M., and Wentworth.)
Wentworth, Philip C., Providence, R. I. Twister traveler. 2,206,591; July 2.
Wentworth, Stenhouse, assignor of one-half to R. S. Quartermaine, North Acton, London, England. Rotary prime mover, pump, compressor, and the like. 2,197,959; Apr. 23.
Wentworth, Theodore O., assignor to The Vulcan Copper & Supply Co., Cincinnati, Ohio. Weir ring and downcomer assembly for distilling columns. 2,201,949; May 21.
Wentworth, William E., Von Ormy, Tex. Plow. 2,195,948; Apr. 2.
Wentz, Oscar W., Long Island City, N. Y. Container construction. 2,202,879; June 4.
Wentz, Oscar W., Long Island City, N. Y. Container closure. 2,202,880; June 4.
Wentz, Oscar W., Long Island City, N. Y. Container construction. 2,220,746; Nov. 5.
Wentz, Samuel L., Orange, N. J. Eyeshade means. 2,224,560; Dec. 10.
Wentzel, Anton A., Milwaukee, Wis. Motor vehicle control. 2,204,265; June 11.
Wenz, Russell C. (See Hampton, W. O., Nessler, and Wenz.)
Wenzel, Albert A. (See Sandow, A., and Wenzel.)
Wenzel, Albert W., West Orange, N. J., deceased; Fidelity Union Trust Company, executor, assignor to Fidelity Union Trust Company, as trustee. Packing ring. 2,212,335; Aug. 20.
Wenzel, Albert W., West Orange, deceased; Fidelity Union Trust Company, executor, assignor to Fidelity Union Trust Company, as trustee. Packing ring. 2,212,336; Aug. 20.
Wenzel, Edwin H. (See Ericson, W. M., and Wenzel.)
Wenzel, Karl. (See Zittrich, E., and Wenzel.)
Wenzel, Richard, administrator. (See Wolff, Paul H.)
Wenzel, Richard, administrator. (See Wolff, P. H., and Frank.)
Wenzel, Richard, administrator. (See Wolff, P. H., Moehrke, and Schäfer.)
Wenzel, Walter E., New City, and F. A. Kramer, Spring Valley, N. Y. Rubber bed and type holder therefor. 2,222,333; Nov. 19.
Wenzelmann, Gustave, Galesburg, Ill. Dusting pump. 2,217,577; Oct. 8.
Wenzky, Karl, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. Berlin, Germany. Telephone set for communication in airplanes. 2,191,055; Feb. 20.
Werby, Albert B., Brookline, assignor to Fuerchtegott Willy Jaeger, Jamaica Plain, Mass. Treating intestines. 2,196,238; Apr. 9.
Werdell, Stanley. (See McCormick, Maurice D., assignor.)
Werden, Albert H. (See Welte, B., and Werden.)
Werder, John F., Lakewood, Ohio. Oil filter. 2,211,305; Aug. 13.
Werfelman, George H. (See Quick, Roy T., assignor.)
Werk, Emile E., and H. M. Zekind, assignors to The Churngold Corporation, Cincinnati, Ohio. Margarine and making. 2,197,457; Apr. 16.
Werkenthin, Albert, Berlin-Wilmersdorf, Germany. Artificial tooth. 2,216,425. Oct. 1.
Werkman, Chester H., and B. W. Hammer, assignors to Iowa State College Research Foundation, Ames, Iowa. Production of diacetyl in butter cultures. 2,196,239; Apr. 9.
Werling, George A., Elkhart, Ind. Time period indicating traffic signaling apparatus. 2,225,577; Dec. 17.
Werman, Gustave G., et al., trustees. (See Finn, William.)
Werman, Harold N., et al., trustees. (See Finn, William.)
Wermann, Hellmut, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Berlin-Siemensstadt, Germany. Negative feedback amplifier. 2,207,962; July 16.
Wermine, Hugo H., Villa Park, assignor to Belden Manufacturing Company, Chicago, Ill. Method and apparatus for making electric conductor cord. 2,204,782; June 18.
Werner, Adolf, Opladen, Germany. Quick opening and closing valve. 2,225,541; Dec. 17.
Werner, Albert and S. Carlsson, Stockholm, Sweden. Hair wave apparatus. 2,185,906; Jan. 2.
Werner, August F., Alpena, Mich. Snow remover. 2,188,989; Feb. 6.
Werner, Calvin J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Control for electric motors. 2,189,827; Feb. 13.
Werner, Calvin J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Control system. 2,194,372; Mar. 19.
Werner, Calvin J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Switch. 2,197,200; Apr. 16.

Werner, Calvin J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Switch. 2,222,209; Nov. 19.
Werner, Edwin. (See Reis, Leonard W., assignor.)
Werner, Eugene, Streator, Ill. Educational apparatus. 2,198,894; Apr. 30.
Werner, Frank C., Grand Rapids, Mich. Cookie feeding tower. 2,193,681; Mar. 12.
Werner, Frank C., Grand Rapids, Mich. Cooky cutting mechanism. 2,206,312; July 2.
Werner, Frank C., Grand Rapids, Mich. Sandwich cooky machine. 2,206,313; July 2.
Werner, Georg. (See von Poser, G., Schmidt, and Werner.)
Werner, Guenther, Peking, China, assignor to G. Von Hessert, New York, N. Y. Flexible frame of a collapsible boat. 2,198,687; Apr. 30.
Werner, Guenther, Peiping, China, assignor to G. Von Hessert, New York, N. Y. Repeating photographic flashlight. 2,200,350; May 14.
Werner, Helmut. (See Wechsberg, O., and Werner.)
Werner, Mack M., Brooklyn, N. Y. Article sterilizing device. 2,214,946; Sept. 17.
Werner, Max, and H. Tietz, Leverkusen-I. G. Werk, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Operation of steam turbines. 2,204,522; June 11.
Werner, Oscar. (See Davis, H. E., and Werner.)
Werner, Otto, Klein-Machnow, near Berlin, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical transformation apparatus. 2,224,755; Dec. 10.
Werner, Paul. (See Evers, F. Herrmann, and Werner.)
Werner, Paul, Berlin-Neulichtenberg, Germany. Electrode, particularly for electrolytic devices. 2,218,076; Oct. 15.
Werner, Ralph M., Brooklyn, N. Y. Roof support for vehicle bodies. 2,191,264; Feb. 20.
Werner, Richard W., Milwaukee, Wis. Hydraulic jack and the manufacture thereof. 2,211,249; Aug. 13.
Werner, Stanton E. (See Nitardy, F. W., Westgate, and Werner.)
Werner, William F. (See Carew, P. T., and Werner.)
Werner, Willy W., Detroit, Mich. Box. 2,206,314; July 2.
Werneth, John C., Baltimore, Md. Photographic washer. 2,217,531; Oct. 8.
Wernig, James H., and G. Chutorash, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Sliding top latching mechanism. 2,201,330; May 21.
Wertzheiser, Joseph, New York, assignor to Leviton Manufacturing Company, Brooklyn, N. Y. Box and cover. 2,201,751; May 21.
Wernli, Fritz, Oberrieden, near Zurich, Switzerland. Vapor burner. 2,188,212; Jan. 23.
Wernlund, Christian J. (See Barrett, H. J., and Wernlund.)
Wernlund, Christian J., North Tonawanda, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electroplating. 2,221,562; Nov. 12.
Wernlund, Christian J., North Tonawanda, N. Y., and M. J. Zunick, West Lafayette, Ind., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Disposal of waste cyanide solutions. 2,194,438; Mar. 19.
Werntz, James H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Secondary alkyl monosulphonates. 2,187,338; Jan. 16.
Werntz, James H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Secondary alkyl monosulphonates. 2,187,339; Jan. 16.
Werntz, James H., Brandywine Hundred, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkyl esters of sulphato-carboxylic acids. 2,225,673; Dec. 24.
Wert, Charles M., Cleveland, assignor of one-third to F. F. Petznick, Cleveland Heights, and one-third to C. H. Dray, Lakewood, Ohio. Dual-ratio mechanism for automobiles. 2,197,575; Apr. 16.
Wert, Edwin A., Detroit, Mich., assignor to Blaw-Knox Company, Pittsburgh, Pa. Anchorage for pipe lines and the like. 2,215,238; Sept. 17.
Wertheim, Adolph, Brooklyn, N. Y. Ornamental leather and other sheet materials. 2,188,491; Jan. 30.
Wertheim, Hugo. (See Liebesny, P., and Wertheim.)
Wertheimer, Leo R., et al. (See Lirette, Robert R., assignor.)
Werther, Odin, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Vehicle heating apparatus. 2,192,657; Mar. 5.
Wertz, Roy O., Cleveland Heights, assignor to The Ohio Electric Manufacturing Co., Cleveland, Ohio. Magnet control circuit. 2,206,823; July 2.
Wertzheiser, Joseph, Bronx, assignor to Leviton Manufacturing Company, Brooklyn, N. Y. Socket for electric lamps. 2,212,382; Aug. 20.
Wertzheiser, Joseph, Bronx, assignor to Leviton Manufacturing Company, Brooklyn, N. Y. Lamp socket. 2,217,395; Oct. 8.
Wesche, Hans, Dessau in Anhalt, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of aliphatic amino-sulphonic acids. 2,207,603; July 9.
Wescott, Frank, Harpenden, and J. Norwood, Kimpton, England, assignors to General Motors Corporation, Detroit, Mich. Steering gear. 2,226,038; Dec. 24.
Wescott, Jay V., et al. (See Wright, William, assignor.)
Wescott, William B., Dover, Mass., assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Planographic printing plate. 2,205,998; June 25.
Wescott, William B., Dover, Mass., assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Laminating materials. 2,224,370; Dec. 10.
Wesemann, Floyd J., Herscher, Ill. Magnetic chuck. 2,203,512; June 4.
Weskenson Corporation. (See Johnson, William H., assignor.)
Wesley, Andrew. (See Huston, F., P., and Wesley.)
Wesley, Arthur, assignor to Burton-Dixie Corporation, Chicago, Ill. Inner-spring unit for mattresses. 2,192,463; Mar. 5.
Wesley, Arthur, assignor to Burton-Dixie Corporation, Chicago, Ill. Convertible love seat. 2,211,450; Aug. 13.
Wesley, Arthur, Chicago, and L. J. Sieger, Cicero, assignors to Burton-Dixie Corporation, Chicago, Ill. Spring cushion. 2,200,942; May 14.
Wesner, Wilton W., West Collingswood, N. J. Calculator. 2,222,272; Nov. 19.
Wesseler, Julian A., Crestwood, N. Y., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Liquid receptacle and dispenser. 2,192,809; Mar. 5.
Wesseler, William J. (See Price, Albert O., assignor.)
Wesseler, William J. (See Snyder, A. D., and Maier, assignors.)
Wesselink, Balthazar J., Hilversum, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Device for visually indicating the deviation from a course. 2,198,445; Apr. 23.
Wessock, Ernest E., Los Angeles, Calif. Fastener for grass catching baskets for lawn mowers. 2,191,601; Feb. 27.
Wesson, Alexander J. (See Ellis, G. H., and Wesson.)
Wesson, Alexander J., and G. H. Ellis, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textile materials. 2,211,872; Aug. 20.
Wesson Company. (See Smith, J Hugo, assignor.)
Wesson, Earl F., Tucson, Ariz. Illuminated mirror. 2,205,279; June 18.
West, Alfred P., Richmond, Va. Calculator. 2,222,925; Nov. 26.
West, Arthur J., Spokane, Wash. Oil refiner for motors. 2,196,349; Apr. 9.
West Bend Aluminum Company. (See Kircher, Ralph N., assignor.)
West Bend Aluminum Company. (See Wentorf, Robert H., assignor.)
West Boylston Mfg. Company of Alabama. (See Farrell, James E., assignor.)
West, Carleton T., Glendale, and M. Treshow, West Los Angeles, assignors to Monolith Portland Cement Company. Device for curing and cooling burned materials in rotary kilns. 2,187,922; Jan. 23.
West, Charles P. (See Peterson, A. J. A., Dyer, and West.)
West Charles P., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Switchboard. 2,210,696; Aug. 6.
West, Charles P., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupting apparatus. 2,215,804; Sept. 24.
West Coast Pipe & Steel Company. (See Fish, Eugene B., assignor.)
West Company, The. (See Smith, Harry, assignor.)
West, Donald H., Detroit, Mich., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Metal cutting tool. 2,210,109; Aug. 6.
West, Ernest. (See West, Frederick J., and E.)
West, Francis K., Portsmouth, Ohio. Device for casting ingots. 2,196,432; Apr. 9.
West, Frederick J., and E. West, Miles Platting, Manchester, England, assignors to West's Gas Improvement Company Limited, Miles Platting, Manchester, England. Vertical retort setting for carbonization of coal and like materials. 2,203,586; June 4.
West, George E. (See West, Maxwell A., and G. E.)
West, George E., Kenosha, Wis. Molten metal apparatus. 2,202,180; May 28.
West, George E., Kenosha, Wis. Cap applying means. 2,202,181; May 28.
West, George E., Washington, D. C. Game apparatus. 2,221,337; Nov. 12.
West, George H. B., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Specific gravity marker plug for storage batteries. 2,197,356; Apr. 16.
West, Harry R. (See Champlin, F. J., and West.)
West, Harry R., Pittsfield, Mass., assignor to General Electric Company. Control circuit. 2,200,128; May 7.
West, Harry R., Pittsfield, Mass., assignor to General Electric Company. System of motor control. 2,213,892; Sept. 3.
West, Jalma. (See Gette, O., Jr., assignor.)

West, John W., Maplewood, N. J. Radiator control for steam heating system. 2,200,729; May 14.
West, Julian M., Ridgewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave amplifying system. 2,196,844; Apr. 9.
West, Julian M., Ridgewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplifying apparatus. 2,203,004; June 4.
West, Julian M., Ridgewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Variable gain feedback amplifier. 2,208,144; July 16.
West, Julian M., Ridgewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Negative feedback amplifier. 2,227,048; Dec. 31.
West, Lloyd L., and C. R. Walcher, Wichita, Kans. Sheet assembling machine. 2,226,397; Dec. 24.
West, Marguerite, Chicago, Ill. Kitchen appliance. 2,214,869; Sept. 17.
West, Maxwell A., Portland, and G. E. West, Sherwood, assignors of forty-nine one hundredths to W. H. Holmes and P. C. Smith, Portland, Oreg. Screw. 2,216,381; Oct. 1.
West, Maxwell A., Portland, and G. E. West, Sherwood, assignors of forty-nine-one hundredths to W. H. Holmes, and P. C. Smith, Portland, Oreg. Screw. 2,216,382; Oct. 1.
West, Maxwell A., Portland, and G. E. West, Sherwood, assignors to forty-nine one-hundredths to W. H. Holmes and P. C. Smith, Portland, Oreg. Screw driver. 2,218,631; Oct. 22.
West, Raymond C., Kenmore, N. Y. Automatic work stop. 2,219,060; Oct. 22.
West, Roscoe D., Flint, Mich. Fishing reel. 2,219,500; Oct. 29.
West, Samuel S. (See Rosaire, E. E., and West.)
West, Thomas S., and C. C. Beacham, Lockhart, Tex. Method of electrical geophysical prospecting and apparatus for practicing said method. 2,217,780; Oct. 15.
West, Victor E., New Kensington, Pa., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Refrigerator car gutter arrangement. 2,187,290; Jan. 16.
West, Victor E., New Kensington, Pa., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Refrigerator car. 2,187,291; Jan. 16.
West, Victor E., New Kensington, Pa., assignor to Standard Railway Refrigerator Company, Chicago, Ill. Refrigerator car construction. 2,207,674; July 9.
West, Wilfred H., Berkeley, assignor to Crown Zellerbach Corporation, San Francisco, Calif. Interfolded tissue dispenser. 2,195,437; Apr. 2.
West, William J., Milwaukee, Wis. Siding cutter. 2,214,870; Sept. 17.
West, William S., Chicago, Ill. Pressure indicator for pneumatic tires. 2,225,674; Dec. 24.
West, William S., Chicago, Ill. Combination valve cap and tire gauge device. 2,225,675; Dec. 24.
Westberg, Ed, et al., trustees. (See Deuel, Clyde, assignor.)
Westbrook, Leon R., Cleveland Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electroplating process. 2,218,734; Oct. 22.
Westbrooke, Milo E., assignor to D. M. Carter, Chicago, Ill. Protective device. 2,186,597; Jan. 9.
Westcamp, Leslie L., Elk Creek, Calif. Door closing control unit. 2,223,396; Dec. 3.
Westcamp, Leslie L., Elk Creek, Calif. Door closing control mechanism. 2,226,037; Dec. 24.
Westcott, Philip S. (See Murphy, F. L., Westcott, and Winther.)
Westefeldt, George, Lochmoor Village, Mich. Piston seal. 2,226,273; Dec. 24.
Westemeyer, Joseph, Jr. (See Robinson, W., Westemeyer, and Borloz.)
Westenbarger, Harvey O., Sapulpa, Okla. Back rest. 2,191,360; Feb. 20.
Westenberger, Rudolf, W. Hauffe, and W. Georgi, assignors to J. E. Reinecker, Aktien-Gesellschaft, Chemnitz, Germany. Spline shaft grinding machine. 2,206,492; July 2.
Westendorf, Henry, assignor to H. J. Eischeid, Halbur, Iowa. Post puller. 2,226,456; Dec. 24.
Westendorf, William J., New Kensington, Pa. Bag. 2,210,351; Aug. 6.
Westendorp, Willem F., Schenectady, N. Y., assignor to General Electric Company. Voltage generating apparatus. 2,214,871; Sept. 17.
Westendorp, Willem F., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system. 2,220,747; Nov. 5.
Westerheim, Sam H., Luck, Wis. Storm window fastener. 2,221,531; Nov. 12.
Westerheim, Sam H., Luck, Wis. Latch for closure. 2,221,532; Nov. 12.
Western-Austin Company. (See Wilson, F. D., and Burns, assignors.)
Western Brick Company. (See Cline, Irl R., assignor.)
Western Cartridge Company. (See Berkley, E. E., and Frost, assignors.)
Western Cartridge Company. (See Blizard, Charles E., assignor.)
Western Cartridge Company. (See Browning, Jonathan E., assignor.)
Western Cartridge Company. (See Buxton, Paul H., assignor.)
Western Cartridge Company. (See Crockett, Harry L., assignor.)
Western Cartridge Company. (See Humeston, Frederick L., assignor.)
Western Cartridge Company. (See Klipsch, Paul W., assignor.)
Western Cartridge Company. (See Marchand, Joseph L., assignor.)
Western Cartridge Company. (See Marshall, James E., assignor.)
Western Cartridge Company. (See Olsen, F., Tibbitts, and Kerone, assignors.)
Western Cartridge Company. (See Swebilius, Carl G., assignor.)
Western Cartridge Company. (See Woodring, William B., assignor.)
Western Cataphote Corporation. (See Netz, Ralph M., assignor.)
Western Electric Company. (See Baguley, Eric, assignor.)
Western Electric Company. (See Baker, C. I., Barker, and Maurer, assignors.)
Western Electric Company. (See Bandur, Adolph F., assignor.)
Western Electric Company. (See Barker, Virgil D., assignor.)
Western Electric Company. (See Barrans, William T., assignor.)
Western Electric Company. (See Barrans, W. T., and Cole, assignors.)
Western Electric Company. (See Barrans, W. T., Cole, and Girard, assignors.)
Western Electric Company. (See Bierma, Clyde E., assignor.)
Western Electric Company. (See Black, Donald H., assignor.)
Western Electric Company. (See Blount, H., and Arkema, assignors.)
Western Electric Company. (See Bohannon, William B., assignor.)
Western Electric Company. (See Bowly, H. W., and Rudin, assignors.)
Western Electric Company. (See Brescka, R. S., and Meagher, assignors.)
Western Electric Company. (See Brown, Alfred B., assignor.)
Western Electric Company. (See Brown, Morris, assignor.)
Western Electric Company. (See Burdick, Earl F., assignor.)
Western Electric Company. (See Bureau, Arthur A., assignor.)
Western Electric Company. (See Carlson, G. R., and Stewart, assignors.)
Western Electric Company. (See Chapman, Alan T., assignor.)
Western Electric Company. (See Crane, E. J., and Smith, assignors.)
Western Electric Company. (See Cross, R. P., Jr., and Ogden, assignors.)
Western Electric Company. (See Dehn, W. F., and Karr, assignors.)
Western Electric Company. (See Duclos, Aeneas J. N., assignor.)
Western Electric Company. (See Eckel, John F., assignor.)
Western Electric Company. (See Engst, Norbert K., assignor.)
Western Electric Company. (See Ewaldson, W. C., and Kress, assignors.)
Western Electric Company. (See Ferrill, Thomas M., Jr., assignor.)
Western Electric Company. (See Ford, Ben K., assignor.)
Western Electric Company. (See Franz, Erwin E., assignor.)
Western Electric Company. (See Gillis, R., and Wilson, assignors.)
Western Electric Company. (See Girard, B. P., Barrans, and Martin, assignors.)
Western Electric Company. (See Gray, Alvin N., assignor.)
Western Electric Company. (See Hanson, A. N., and Warner, assignors.)
Western Electric Company. (See Harold, Edward L., assignor.)
Western Electric Company. (See Hatton, W., Haigh, and Kozma, assignors.)
Western Electric Company. (See Henning, G. E., Johnson, Thronsen, assignors.)
Western Electric Company. (See Hummel, Wellington R., assignor.)
Western Electric Company. (See Johannessen, Vaughn L., assignor.)
Western Electric Company. (See Johnson, Fred V.)
Western Electric Company. (See Johnson, F. V., and Mosher, assignors.)
Western Electric Company. (See Johnson, F. V., Robson, and Seeley, assignors.)
Western Electric Company. (See Joseph, J. W., and Van Nest, assignors.)
Western Electric Company. (See Keating, Herbert S., assignor.)

Western Electric Company. (See Lamme, Maurice A., assignor.)
Western Electric Company. (See Larsen, Einer W., assignor.)
Western Electric Company. (See Larson, Homer W., assignor.)
Western Electric Company. (See Little, J. S., and Selvig, assignors.)
Western Electric Company. (See Lubbert, Carl B., assignor.)
Western Electric Company. (See Manthorne, William H., assignor.)
Western Electric Company. (See Martin, Victor S., assignor.)
Western Electric Company. (See Martindell, Frank, assignor.)
Western Electric Company. (See Mason, Sumner R., assignor.)
Western Electric Company. (See McDaniels, Shryock P., assignor.)
Western Electric Company. (See McGraw, George P., assignor.)
Western Electric Company. (See Merrick, De Witt D., assignor.)
Western Electric Company. (See Merwin, Harry H., assignor.)
Western Electric Company. (See Merwin, H. H., and Reynolds, assignors.)
Western Electric Company. (See Morsing, William, assignor.)
Western Electric Company. (See Mosher, Leslie V., assignor.)
Western Electric Company. (See Newton, E. E., and Ray, assignors.)
Western Electric Company. (See Nicolson, Alexander M., assignor.)
Western Electric Company. (See Nystrom, A. C., and Reichelt, assignors.)
Western Electric Company. (See Oesterle, F. D., and Zellar, assignor.)
Western Electric Company. (See Paulson, Christian, assignor.)
Western Electric Company. (See Powell, Raymond E., assignor.)
Western Electric Company, et al. (See Price, S., assignor, and Sloan.)
Western Electric Company. (See Quinlan, Amos L., assignor.)
Western Electric Company. (See Reevely, Frederick R., assignor.)
Western Electric Company. (See Reynolds, Ellwood W., assignor.)
Western Electric Company. (See Roemisch, Joseph L., assignor.)
Western Electric Company. (See Roser, Carl W., assignor.)
Western Electric Company. (See Ruthven, William, assignor.)
Western Electric Company. (See Schuyler, A. L., and MacLagan, assignors.)
Western Electric Company. (See Scott, Walter J., assignor.)
Western Electric Company. (See Seagren, Martin J., assignor.)
Western Electric Company. (See Seeley, George A., assignor.)
Western Electric Company. (See Shear, Walter B., assignor.)
Western Electric Company. (See Stachelrodt, Fred W., assignor.)
Western Electric Company. (See Summers, Albert E., assignor.)
Western Cartridge Company. (See Swebilius, Carl G., assignor.)
Western Electric Company. (See Teichner, Rudolph R., assignor.)
Western Electric Company. (See Thomas, W. M., and Schoof, assignors.)
Western Electric Company. (See Thronsen, Sigurd, assignor.)
Western Electric Company. (See Verrill, Charles W., assignor.)
Western Electric Company. (See Waters, Daniel V., assignor.)
Western Electric Company. (See Weston, Keith A., assignor.)
Western Electric Company. (See White, Walter E., assignor.)
Western Electric Company. (See Wood, Lloyd E., assignor.)
Western Electric Company. (See Wright, Esmond P. G., assignor.)
Western Electric Company. (See Wulff, John F., assignor.)
Western Electric Company Incorporated. (See Gillis, R., and Prendergast, assignors.)
Western Oil Fields Supply Company. (See Rinehart, Nerl, assignor.)
Western Pipe & Steel Company of California. (See Cohn, Willi M., assignor.)
Western Precipitation Corporation. (See Anderson, Evald, assignor.)
Western Precipitation Corporation. (See Brundage, Norman C., assignor.)
Western Precipitation Corporation. (See Fiesel, Hermann, assignor.)
Western Precipitation Corporation. (See Hamilton, James H., assignor.)
Western Precipitation Corporation. (See Horne, George H., assignor.)
Western Precipitation Corporation. (See Richardson, Sidney A., assignor.)
Western Printing Machinery Company. (See Hollander, Jacob A., assignor.)
Western Products, Incorporated. (See Foster, Norman M., assignor.)
Western Railway Equipment Company. (See Campbell, S. H., and Pietzsch, asignors.)
Western Shade Cloth Co., The. (See Mackey, Timothy W., assignor.)
Western States Machine Company, The. (See Hoffman, Walter, assignor.)
Western States Machine Company, The. (See Roberts, Eugene, assignor.)
Western States Machine Company, The. (See Roberts, E., and Hertrich, assignors.)
Western States Machine Company, The. (See Roberts, E., and Stevens, assignors.)
Western States Machine Company, The. (See Stevens, George E., assignor.)
Western Steel Products Limited. (See Kemp, Harold J., assignor.)
Western Union Telegraph Company, The. (See Anderson, James N., assignor.)
Western Union Telegraph Company, The. (See Blanchard, R. F., Blanton, and Browne, assignors.)
Western Union Telegraph Company, The. (See Blanton, William B., assignor.)
Western Union Telegraph Company, The. (See Boudreau, Anthony P. J., assignor.)
Western Union Telegraph Company, The. (See Bramhall, Fay B., assignor.)
Western Union Telegraph Company, The. (See Buckingham William D., assignor.)
Western Union Telegraph Company, The. (See Cannon, William D., assignor.)
Western Union Telegraph Company, The. (See Currie, F. L., and Rovere, assignors.)
Western Union Telegraph Company, The. (See d'Humy, F. E., and Franklin, assignors.)
Western Union Telegraph Company, The. (See Dirkes, R. F., Hoover, and Wheeler, assignors.)
Western Union Telegraph Company, The. (See Duerr, Karl B., assignor.)
Western Union Telegraph Company, The. (See Franklin, Lawrence W., assignor.)
Western Union Telegraph Company, The. (See Griffith, Francis, assignor.)
Western Union Telegraph Company, The. (See Haglund, Hakon H., assignor.)
Western Union Telegraph Company, The. (See Holcomb, Philo, Jr., assignor.)
Western Union Telegraph Company, The. (See Kline, B. L., and Engler, assignors.)
Western Union Telegraph Company, The. (See Lawton, Chester S., assignor.)
Western Union Telegraph Company, The. (See Mample, Adolph Z., assignor.)
Western Union Telegraph Company, The. (See Mample, A. Z., and Dickie, assignors.)
Western Union Telegraph Company, The. (See Michon, Alfred E., assignor.)
Western Union Telegraph Company, The. (See Myer, P. L., and Wheeler, assignors.)
Western Union Telegraph Company, The. (See Noxon, P. A., and Miller, assignors.)
Western Union Telegraph Company, The. (See Noxon, P. A., and Mitchell, assignors.)
Western Union Telegraph Company. (See Rudd, M. A., and Eller, assignors.)
Western Union Telegraph Company, The. (See Smith, D. H., and Wheeler, assignors.)
Western Union Telegraph Company, The. (See Steeneck, Robert.)
Western Union Telegraph Company, The. (See Steeneck, R., Dirkes, and White, assignors.)
Western Union Telegraph Company, The. (See Steinmetz, Alfred A., assignor.)
Western Union Telegraph Company, The. (See Steinmetz, A. A., and Ward, assignors.)
Western Union Telegraph Company, The. (See Wheeler, E. R., Hoover, and Dirkes, assignors.)
Western Union Telegraph Company, The. (See Wheeler, H. H., McGinnis, and Thordarson, assignors.)
Western Union Telegraph Company, The. (See Wise, Raleigh J., assignors.)
Western Wire Products Company. (See Young, Harry M., assignor.)
Westfield, Jack S., Kingston, Pa. Positive displacement oiler for internal combustion engines. 2,192,782; Mar. 5.
Westfield River Paper Company. (See Barnhart, Philip S., assignor.)
Westgate, Ralph S. (See Nitardy, F. W., Westgate, and Werner.)
Westin, Charles J., assignor to F. J. Stokes Machine Company, Philadelphia, Pa. Fiber cutter. 2,221,065; Nov. 12.

Westinghouse Air Brake Company, The. (See Aikman, Burton S., assignor.)
Westinghouse Air Brake Company, The. (See Bush, Rankin J., assignor.)
Westinghouse Air Brake Company, The. (See Bush, R. J., and Glass, assignors.)
Westinghouse Air Brake Company, The. (See Cook, E. S., and Canetta, assignors.)
Westinghouse Air Brake Company, The. (See Dean, William E., Jr.)
Westinghouse Air Brake Company, The. (See Dempsey, Philip W., assignor.)
Westinghouse Air Brake Company, The. (See Donovan, Patrick H., assignor.)
Westinghouse Air Brake Company, The. (See Down, Sidney G., assignor.)
Westinghouse Air Brake Company, The. (See Farmer, Clyde C., assignor.)
Westinghouse Air Brake Company, The. (See Farmer, George C., assignor.)
Westinghouse Air Brake Company, The. (See Hewitt, Ellis E., assignor.)
Westinghouse Air Brake Company, The. (See Hines, Claude M., assignor.)
Westinghouse Air Brake Company, The. (See Kershaw, A. G., and Leech, assignors.)
Westinghouse Air Brake Company, The. (See Logan, John W., Jr., assignor.)
Westinghouse Air Brake Company, The. (See Maliphant, Charles W., assignor.)
Westinghouse Air Brake Company, The. (See Maxwell, Thomas, assignor.)
Westinghouse Air Brake Company, The. (See McCune, Joseph C., assignor.)
Westinghouse Air Brake Company, The. (See McCune, J. C., and Newell, assignors.)
Westinghouse Air Brake Company, The. (See McKinstry, Charles H., assignor.)
Westinghouse Air Brake Company, The. (See McNeal, Donald L., assignor.)
Westinghouse Air Brake Company, The. (See Miller, Frank E., assignor.)
Westinghouse Air Brake Company, The. (See Miller, Raymond E., assignor.)
Westinghouse Air Brake Company, The. (See Newell, George K., assignor.)
Westinghouse Air Brake Company, The. (See Nicholson, F. H., and Logan, assignors.)
Westinghouse Air Brake Company, The. (See Schoepf, T. H., and Ritchie, assignors.)
Westinghouse Air Brake Company, The. (See Sexton, Everett P., assignor.)
Westinghouse Air Brake Company, The. (See Sinclair, J. J., and Williams, assignors.)
Westinghouse Air Brake Company, The. (See Stevens, Roy R., assignor.)
Westinghouse Air Brake Company, The. (See Stewart, Carlton D., assignor.)
Westinghouse Air Brake Company, The. (See Tarisien, Theophile, assignor.)
Westinghouse Air Brake Company, The. (See Villette, Valentine, assignor.)
Westinghouse Air Brake Company, The. (See Whitney, Ralph T., assignor.)
Westinghouse Air Brake Company, The. (See Wood, Alfred B., assignor.)
Westinghouse Electric Elevator Company. (See Bouton, Edgar M., assignor.)
Westinghouse Electric Elevator Company. (See Bouton, E. M., and Ward, assignors.)
Westinghouse Electric Elevator Company. (See Dunlop, James, assignor.)
Westinghouse Electric Elevator Company. (See Eames, William F., assignor.)
Westinghouse Electric Elevator Company. (See McCormick, Harold V., assignor.)
Westinghouse Electric Elevator Company. (See Santini, Danilo, assignor.)
Westinghouse Electric Elevator Company. (See Wagner, Robert H., assignor.)
Westinghouse Electric Elevator Company. (See Williams, H. W., and Baum, assignors.)
Westinghouse Electric Elevator Company. (See Williams, H. W., and Bouton, assignors.)
Westinghouse Electric & Manufacturing Company. (See Alben, Frank L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Anderson, William B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Anderson, W. B., and Hanner, assignors.)
Westinghouse Electric & Manufacturing Company. (See Ardito, William, assignor.)
Westinghouse Electric & Manufacturing Company. (See Armstrong, G. C., and Ellis, assignors.)
Westinghouse Electric & Manufacturing Company. (See Arnold, Edwin E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Arnold, E. E., and Currie, assignors.)
Westinghouse Electric & Manufacturing Company. (See Arnold, E. E., and Elberty, assignors.)
Westinghouse Electric & Manufacturing Company. (See Arnold, E. E., and Russell, assignors.)
Westinghouse Electric & Manufacturing Company. (See Arnold, Hewett R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Atkinson, William B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Austin, Bascum O., assignor.)
Westinghouse Electric & Manufacturing Company. (See Austin, B. O., and Moses, assignors.)
Westinghouse Electric & Manufacturing Company. (See Bahls, Walter E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Baker, Benjamin P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bakken, Andrew H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ballard, Randall C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bangratz, Ernest G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Barnsteiner, Alfons, assignor.)
Westinghouse Electric & Manufacturing Company. (See Barnsteiner, A., and Lockwood, assignors.)
Westinghouse Electric & Manufacturing Company. (See Barthelt, Hans, assignor.)
Westinghouse Electric & Manufacturing Company. (See Bates, Harry H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Baudry, René A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bayha, Ernst, assignor.)
Westinghouse Electric & Manufacturing Company. (See Belz, Arno, assignor.)
Westinghouse Electric & Manufacturing Company. (See Benedict, Frank R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Berkey, William E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Berkey, W. E., and McNall, assignors.)
Westinghouse Electric & Manufacturing Company. (See Bierend, Alfred, assignor.)
Westinghouse Electric & Manufacturing Company. (See Blackburn, Philip W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Blankenbuehler, John H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bletz, Edward, assignor.)
Westinghouse Electric & Manufacturing Company. (See Bohan, Joseph C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bollinger, Paul, assignor.)
Westinghouse Electric & Manufacturing Company. (See Bonney, A., Jr., and Gustin, assignors.)
Westinghouse Electric & Manufacturing Company. (See Booth, James D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bourland, Langford T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bowman, Robert A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brace, P. H., and Williams, assignors.)
Westinghouse Electric & Manufacturing Company. (See Bramble, John H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brecht, Winston A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brown, A. L., and Hill, assignors.)
Westinghouse Electric & Manufacturing Company. (See Brown, John J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brown, John L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bruckmann, Werner, assignor.)
Westinghouse Electric & Manufacturing Company. (See Bruckman, William C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Buchanan, Leslie B. M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Caldwell, Glenn A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Campbell, Clarence B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Candler, G. L., and Albright, assignors.)
Westinghouse Electric & Manufacturing Company. (See Chalupa, Joseph F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Chladek, Wilhelm, assignor.)
Westinghouse Electric & Manufacturing Company. (See Clark, Earl K., assignor.)
Westinghouse Electric & Manufacturing Company. (See Clark, E. K., and Wojcik, assignors.)
Westinghouse Electric & Manufacturing Company. (See Codling, Eldred P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Condon, E. U., Tawney, and Derr, assignors.)
Westinghouse Electric & Manufacturing Company. (See Conrad, Frank, assignor.)
Westinghouse Electric & Manufacturing Company. (See Conrad, Joseph D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Cook, Willard G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Crabbs, Herbert J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Crabbs, H. J., and Rawlins, assignors.)
Westinghouse Electric & Manufacturing Company. (See Croco, Charles P., assignor.)

Westinghouse Electric & Manufacturing Company. (See Danvers, William K., assignor.)
Westinghouse Electric & Manufacturing Company. (See Davis, F. R. J., and Lessmann, assignors.)
Westinghouse Electric & Manufacturing Company. (See Dawson, John W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Dench, Edward C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Diamond, H., and Dawson, assignors.)
Westinghouse Electric & Manufacturing Company. (See Dinnick, George M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Dorfman, Hiller D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Döring, Martin, assignor.)
Westinghouse Electric & Manufacturing Company. (See Drake, Chester W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Edgerton, Harold E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Edler, Hans, assignor.)
Westinghouse Electric & Manufacturing Company. (See Egli, Adolf, assignor.)
Westinghouse Electric & Manufacturing Company. (See Ehrgott, Karl, assignor.)
Westinghouse Electric & Manufacturing Company. (See Eisinger, Rudolph J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ellis, Delbert, assignor.)
Westinghouse Electric & Manufacturing Company. (See Elsey, Howard M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Evans, George S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Evans, Robert D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Exner, Donald W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Flanders, Warren B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Fockler, T. C., and Martens, assignors.)
Westinghouse Electric & Manufacturing Company. (See Folgmann, August, assignor.)
Westinghouse Electric & Manufacturing Company. (See Ford, James G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Forsthoefel, Gregg F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Franck, S., and Mohr, assignors.)
Westinghouse Electric & Manufacturing Company. (See Freeman, George A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Freese, Gerald J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Freudenhammer, Klaus, assignor.)
Westinghouse Electric & Manufacturing Company. (See Friedländer, E., and Schmutz, assignors.)
Westinghouse Electric & Manufacturing Company. (See Gano, Harlan S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Geise, Fritz, assignor.)
Westinghouse Electric & Manufacturing Company. (See Germany, James H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Glauber, John, assignor.)
Westinghouse Electric & Manufacturing Company. (See Gottlieb, Manious, assignor.)
Westinghouse Electric & Manufacturing Company. (See Graham, Harold J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Graham, Quentin, assignor.)
Westinghouse Electric & Manufacturing Company. (See Green, James H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Green, J. H., and Richardson, assignors.)
Westinghouse Electric & Manufacturing Company. (See Griscom, Samuel B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Gulliksen, Finn H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Gulliksen, F. H., and Dawson, assignors.)
Westinghouse Electric & Manufacturing Company. (See Gustin, Daniel S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hague, Floyd T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hanna, Clinton R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hanna, C. R., and Mikina, assignors.)
Westinghouse Electric & Manufacturing Company. (See Hanna, C. R., Osbon, and Oplinger, assignors.)
Westinghouse Electric & Manufacturing Company. (See Hanna, Raymond P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hanner, George E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hansen, Elmer K., assignor.)
Westinghouse Electric & Manufacturing Company. (See Harder, Edwin L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Harding, W. R., and Fockler, assignors.)
Westinghouse Electric & Manufacturing Company. (See Hartel, Walter, assignor.)
Westinghouse Electric & Manufacturing Company. (See Hastings, Roger W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hays, Robert F., Jr., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hein, Carl C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Heintzen, Harry R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Heitchue, Regis D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hepler, Kenneth G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Herbold, Carl F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hibbard, Lloyd J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hibbard, L. J., and Weybrew, assignors.)
Westinghouse Electric & Manufacturing Company. (See Hildebrand, Ralph L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hildebrand, R. L., and Yost, assignors.)
Westinghouse Electric & Manufacturing Company. (See Hill, Charles F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hodnette, John K., assignor.)
Westinghouse Electric & Manufacturing Company. (See Holmes, Richard E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hoop, John G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hoyt, Milton A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Huggins, Leroy G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Iredell, C. V., and Hankins, assignors.)
Westinghouse Electric & Manufacturing Company. (See James, Robert F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Jenks, Harold C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Jennings, Oliver S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Johansson, Ernest G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Johnson, Frederick B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Johnson, Henry V., assignor.)
Westinghouse Electric & Manufacturing Company. (See Johnson, Herbert M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Johnson, Welton V., assignor.)
Westinghouse Electric & Manufacturing Company. (See Jungk, Herbert G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kalischer, Milton, assignor.)
Westinghouse Electric & Manufacturing Company. (See Kelly, Anthony H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kelly, James M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kenyon, Alonzo F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kenyon, A. F., and Cook, assignors.)
Westinghouse Electric & Manufacturing Company. (See Kilgore, Lee A., assignor.)
Westinghouse Electric & Manufacturing Company. (See King, George E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kinn, Theodore P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kintzing, Reese T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kleindienst, A., and Muller-Hillebrandt, assignors.)
Westinghouse Electric and Manufacturing Company. (See Klemmer, Edward H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Klemperer, Hans, assignor.)
Westinghouse Electric & Manufacturing Company. (See Knowles, Dewey D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Knowles, D. D., and Evans, assignors.)
Westinghouse Electric & Manufacturing Company. (See Koch, Gustav H., assignor.)
Westinghouse Electric & Manufacturing Company. (See König, H., Meenen, Schnarz, and Wilbert, assignors.)
Westinghouse Electric & Manufacturing Company. (See Kother, Hans, assignor.)
Westinghouse Electric & Manufacturing Company. (See Kovalsky, Joseph F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kraut, Samuel B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kreidler, Raymond L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kroon, Reinout P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kübler, Erwin, assignor.)
Westinghouse Electric & Manufacturing Company. (See Kühnel, Carl, assignor.)
Westinghouse Electric & Manufacturing Company. (See Lee, Paul R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lee, P. R., and Clark, assignors.)

Westinghouse Electric & Manufacturing Company. (See Leeds, W. M., and Ortensi, assignors.)
Westinghouse Electric & Manufacturing Company. (See Leeds, W. M., Ortensi, and Baker, assignors.)
Westinghouse Electric & Manufacturing Company. (See Lenehan, Bernard E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lenehan, B. E., and Rosenberger, assignors.)
Westinghouse Electric & Manufacturing Company. (See Lessmann, Gerhard P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lessmann, G. P., Stoltz, and Kenyon, assignors.)
Westinghouse Electric & Manufacturing Company. (See Letsch, Gabriel, assignor.)
Westinghouse Electric & Manufacturing Company. (See Leukert, Wilhelm, assignor.)
Westinghouse Electric & Manufacturing Company. (See Lewis, William A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Leyland, Simeon C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lindstrom, Ture, assignor.)
Westinghouse Electric & Manufacturing Company. (See Lingal, Harry J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lingal, H. J., and Arnold, assignors.)
Westinghouse Electric & Manufacturing Company. (See Little, Donald G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lockwood, Edwin H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lottes, Paul C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lotz, Albert, assignor.)
Westinghouse Electric & Manufacturing Company. (See Ludwig, Leon R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ludwig, L. R., and Horn, assignors.)
Westinghouse Electric & Manufacturing Company. (See Lyle, Frederick W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lynn, Clarence, assignor.)
Westinghouse Electric & Manufacturing Company. (See Mabry, Forrest S., assignor.)
Westinghouse Electric & Manufacturing Company. (See MacDonald, H. G., and Hill, assignors.)
Westinghouse Electric & Manufacturing Company. (See MacNeill, John B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Madden, Harry D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mahnke, Kurt, assignor.)
Westinghouse Electric and Manufacturing Company. (See Makenny, W., and Harrison, assignors.)
Westinghouse Electric & Manufacturing Company. (See Marbury, Ralph E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Marden, J. W., Beese, and Meister, assignors.)
Westinghouse Electric & Manufacturing Company. (See Marden, J. W., and Nicholson, assignors.)
Westinghouse Electric & Manufacturing Company. (See McCloy, Graham C., assignor.)
Westinghouse Electric & Manufacturing Company. (See McCloy, Graham S., assignor.)
Westinghouse Electric & Manufacturing Company. (See McCulloch, Leon, assignor.)
Westinghouse Electric & Manufacturing Company. (See McGowan, Michael E., assignor.)
Westinghouse Electric & Manufacturing Company. (See McNulty, John W., assignor.)
Westinghouse Electric & Manufacturing Company. (See McShane, Phelan, assignor.)
Westinghouse Electric & Manufacturing Company. (See Mikina, Stanley J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mili, Gjon, assignor.)
Westinghouse Electric & Manufacturing Company. (See Miner, John D., Jr., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mochel, Norman L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Morgan, David W. R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Morris, Joshua, Jr., assignor.)
Westinghouse Electric & Manufacturing Company. (See Moses, Graham L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mosshart, Donald J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mouromtseff, Ilia E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mouromtseff, I. E., and Kilgore, assignors.)
Westinghouse Electric & Manufacturing Company. (See Mouromtseff, I. E., and Kozanowski, assignors.)
Westinghouse Electric & Manufacturing Company. (See Moyer, Howard R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mueller, Erich O., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mueller, E. O., and Charters, assignors.)
Westinghouse Electric & Manufacturing Company. (See Nau, R. H., and Sandin, assignors.)
Westinghouse Electric & Manufacturing Company. (See Nielsen, Russell A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Nystrom, Carl F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Oman, Carl, assignor.)
Westinghouse Electric & Manufacturing Company. (See Pakala, William E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Parr, Bernard F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Parsons, John S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Peck, Clarence E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Pegg, Edward H. R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Penney, Gaylord W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Petersen, Carl M.)
Westinghouse Electric & Manufacturing Company. (See Peterson, A. J. A., Dyer, and West, assignors.)
Westinghouse Electric & Manufacturing Company. (See Phillippi, Arthur K., assignor.)
Westinghouse Electric & Manufacturing Company. (See Pierce, Lawrence, assignor.)
Westinghouse Electric & Manufacturing Company. (See Ponomareff, Alexander I., assignor.)
Westinghouse Electric & Manufacturing Company. (See Porter, T. R., and Sullivan, assignors.)
Westinghouse Electric & Manufacturing Company. (See Price, George E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Procter, Richard H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Putnam, Henry V., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rampacher, Fritz, assignor.)
Westinghouse Electric & Manufacturing Company. (See Rathbun, John P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rawlins, Herbert L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Reavis, Andrew B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Reichmann, Reinhold, assignor.)
Westinghouse Electric & Manufacturing Company et al. (See Richardson, Henry K., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ridge, Raymond J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rights, Herbert T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Riley, Lynn G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ritter, John G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Roberts, Charles E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rose, Herbert A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ross, Malcolm D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rowe, Frederick S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rubel, Max J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rundell, Theodore W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Runke, G. R., and Gano, assignors.)
Westinghouse Electric & Manufacturing Company. (See Saler, Jules N., assignor.)
Westinghouse Electric & Manufacturing Company. (See Samzelius, John W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Sauer, Louis D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Sauer, Louis E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Schaake, William, assignor.)
Westinghouse Electric & Manufacturing Company. (See Schaelchlin, Walter, assignor.)
Westinghouse Electric & Manufacturing Company. (See Schaelchlin, W., and Davis, assignors.)
Westinghouse Electric & Manufacturing Company. (See Schmidt, Henry F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Schmutz, Oskar, assignor.)
Westinghouse Electric & Manufacturing Company. (See Schwaiger, Max, assignor.)
Westinghouse Electric & Manufacturing Company. (See Schwendner, Anthony F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Scott, E. W., and Tull, assignors.)
Westinghouse Electric & Manufacturing Company. (See Scott, Howard, assignor.)
Westinghouse Electric & Manufacturing Company. (See Seethaler, Karl, assignor.)
Westinghouse Electric & Manufacturing Company. (See Semar, Harold W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Shaw, Harold D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Shawber, L. L., and Breckenridge, assignors.)
Westinghouse Electric & Manufacturing Company. (See Shoemaker, Malcolm G., assignor.)

Westinghouse Electric & Manufacturing Company. (See Short, Ira, assignor.)
Westinghouse Electric & Manufacturing Company. (See Shutt, Charles C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Shutt, C. C., and Dawson, assignors.)
Westinghouse Electric & Manufacturing Company. (See Siebert, Ernst, assignor.)
Westinghouse Electric & Manufacturing Company. (See Siebert, E., and Kafka, assignors.)
Westinghouse Electric & Manufacturing Company. (See Slack, C. M., and Ehrke, assignors.)
Westinghouse Electric & Manufacturing Company. (See Slepian, Joseph, assignor.)
Westinghouse Electric & Manufacturing Company. (See Slepian, J., and Brubaker, assignors.)
Westinghouse Electric & Manufacturing Company. (See Slepian, J., and Ludwig, assignors.)
Westinghouse Electric & Manufacturing Company. (See Slepian, J., and Pakala, assignors.)
Westinghouse Electric & Manufacturing Company. (See Smith, Gerald F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Smith, Irving R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Smith, Lewis R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Smith, Philip C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Smith, Uel L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Snyder, Franklin L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Snyder, Frederick D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Soderberg, Carl R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Soderberg, C. R., and Lloyd, assignors.)
Westinghouse Electric & Manufacturing Company. (See Solberg, Gottfried, assignor.)
Westinghouse Electric & Manufacturing Company. (See Sonnemann, William K., assignor.)
Westinghouse Electric & Manufacturing Company. (See Steinbauer, W., Kother, and Müller, assignors.)
Westinghouse Electric & Manufacturing Company. (See Stephenson, James G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Stewart, Nelson H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Stickney, Fernald S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Stoddard, Ralph N., assignor.)
Westinghouse Electric & Manufacturing Company. (See Stoddard, R. N., and Vedder, assignors.)
Westinghouse Electric & Manufacturing Company. (See Stokes, Harold E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Stoltz, Glenn E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Stone, Earll R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Stuckardt, K., and Reichmann, assignors.)
Westinghouse Electric & Manufacturing Company. (See Sutherland, Carl H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Sutherlin, Lee, assignor.)
Westinghouse Electric & Manufacturing Company. (See Sutter, Frederic E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Swingle, Ralph H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Tanner, Elo C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Thomas, Phillips, assignor.)
Westinghouse Electric & Manufacturing Company. (See Tobey, Raymond E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Trassl, Hans, assignor.)
Westinghouse Electric & Manufacturing Company. (See Tull, Robert H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ulrey, Dayton, assignor.)
Westinghouse Electric & Manufacturing Company. (See Vaughan, Harold R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Venable, Emerson, assignor.)
Westinghouse Electric & Manufacturing Company. (See Vining, Vernon, E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Vogel, Carl, assignor.)
Westinghouse Electric & Manufacturing Company. (See Vogel, Fred J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Werner, Otto, assignor.)
Westinghouse Electric & Manufacturing Company. (See West, Charles P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Weybrew, Thelbert L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wheeler, Floyd S., assignor.)
Westinghouse Electric & Manufacturing Company. (See White, Howard D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Whittaker, Charles C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wiener, Charles, assignor.)
Westinghouse Electric & Manufacturing Company. (See Willmann, Hans H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wilson, Claude J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wilson, Earl D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Winkler, Frederic C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wise, Ernest G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wolfert, Edward R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wood, Arthur W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wrathall, Jay R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Young, Douglass A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Yoxsimer, Orland H., assignor.)
Westinghouse X-Ray Company. (See Balsley, James R., assignor.)
Westinghouse X-Ray Company. (See Collins, Joseph F., assignor.)
Westinghouse X-Ray Company. (See Collins, J. F., and Kraissl, assignors.)
Westinghouse X-Ray Company. (See Evans, Maynard B., assignor.)
Westinghouse X-Ray Company. (See Simon, Alfred, assignor.)
Westling, Eric A., assignor to Jubilee Manufacturing Co., Omaha, Nebr. Windshield conduit. 2,191,164; Feb. 20.
Westling, Martin. (See Persson, L., and Westling.)
Westlund, Walter L., St. Paul, Minn. Turn signal for automobiles. 2,201,657; May 21.
West Michigan Steel Foundry Co. (See Seyferth, Carl G., assignor.)
Westmont, John C. (See Jones, E. A., Lavorgna, Westmont, and Olson.)
Westmoreland Coal Company. (See Eigenbrot, John L., assignor.)
Weston, Alexander S., New York, N. Y. Dispensing container. 2,224,072; Dec. 3.
Weston, Edward F., Montclair, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Exposure meter. 2,203,209; June 4.
Weston Electrical Instrument Corporation. (See Lamb, Anthony H., assignor.)
Weston Electrical Instrument Corporation. (See Lederer, Karl M., assignor.)
Weston Electrical Instrument Company. (See Morelock, Oliver J., assignor.)
Weston Electrical Instrument Corporation. (See Weston, Edward F., assignor.)
Weston Electrical Instrument Corporation. (See Wolferz, A. H., and Miller, assignors.)
Weston, Frederick H. (See Wright, D. R., and Weston.)
Weston, Frederick H., Bridgeport, Conn., assignor to General Electric Company. Lamp holder. 2,226,292; Dec. 24.
Weston, Keith A., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Material working machine. 2,211,186; Aug. 13.
Weston, Milton T., Keansburg, N. J., assignor to West Virginia Pulp & Paper Company, New York, N. Y. Microvariable paper machine drive. 2,219,856; Oct. 29.
Weston, Milton T., Red Bank, N. J., assignor to West Virginia Pulp & Paper Company, New York, N. Y. Paper machine drive. 2,219,857; Oct. 29.
Weston Paper and Manufacturing Company, The. (See Eichelberger, G. R., Altick, and Wade, assignors.)
Weston, Philip D., Barlby, near Selby, England, assignor to Lever Brothers Company, Cambridge, Mass. Continuously operable machine for the expression from solids of liquids associated therewith. 2,216,996; Oct. 8.
Weston, William D., Warren, Ohio, assignor to General Fire Extinguisher Company, Providence, R. I. Forming branch nozzles on pipes. 2,213,574; Sept. 3.
Westover, Marvin S., Stettler, Alberta, Canada. Door operating device. 2,227,115; Dec. 31.
Westphal, Edward E., near Zimmerman, Minn. Sidehill steering attachment for tractors. 2,220,361; Nov. 5.
Westphal, Kurt. (See Andersag, H., and Westphal.)
Westphal, Kurt, Wuppertal-Vohwinkel, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Pyrimidine compound. 2,219,858; Oct. 29.
Westphal, Matthew, Irvington, N. J. Bath device. 2,196,787; Apr. 9.
West's Gas Improvement Company Limited. (See West, Frederick J., and E., assignors.)
Westvaco Chlorine Products Corporation. (See Seaton, Max Y., assignor.)
Westvaco Chlorine Products Corporation. (See Seaton, M. Y., and Hartzell, assignors.)
West Virginia Newspaper Publishing Company. (See Reid, Roswell S., assignor.)
West Virginia Pulp and Paper Company. (See Davis, Charles, assignor.)
West Virginia Pulp & Paper Company. (See Haywood, Gerald, assignor.)

West Virginia Pulp and Paper Company. (See Obenshain, N., and Welton, assignors.)
West Virginia Pulp and Paper Company. (See Pollak, A., and Hastings, assignors.)
West Virginia Pulp & Paper Company. (See Rawling, Francis G., assignor.)
West Virginia Pulp and Paper Company. (See Strattner, Lawrence W., assignor.)
West Virginia Pulp & Paper Company. (See Weston, Milton T., assignor.)
Westwood, Albert G., Durban, Natal, Union of South Africa. Hinge for windows, fanlights, and the like, opening outwardly. 2,208,887; July 23.
Wetherby-Williams, Arthur V., and W. K. Sheffield, New York, N. Y. Sterile filling machine. 2,210,017; Aug. 6.
Wetmore, Elbert L. (See Mitchel, C. L., and Wetmore.)
Wetmore, George, and F. Roll, Otay Mesa, Calif. Seed planter and cultivator. 2,213,600; Sept. 3.
Wetmore, Harriett W. (See Millard, E., Wetmore, and Ray.)
Wetmore Reamer Company. (See Hassig, Edward, assignor.)
Wetsel, Carlton. (See Smith, E. L., and Wetsel.)
Wettengel, Frank L., Pittsburgh, Pa. Coil handling device. 2,198,644; Apr. 30.
Wetterstrand, Knut O. G., Morristown, assignor to C. Howard Hunt Pen Co., Camden, N. J. Lettering brush. 2,216,259; Oct. 1.
Wettlaufer, William F., Buffalo, N. Y. Traction device. 2,204,783; June 18.
Wettlaufer, William L., Buffalo, N. Y. Testing apparatus for golf clubs. 2,214,356; Sept. 10.
Wettlaufer, William L., Buffalo, N. Y. Golf club. 2,219,670; Oct. 29.
Wettstein, Albert. (See Hartmann, M., and Wettstein.)
Wettstein, Albert. (See Miescher, K., and Wettstein.)
Wettstein, Albert. (See Miescher, K., Wettstein, and Fischer.)
Wettstein, Albert. (See Ruzicka, L., and Wettstein.)
Wettstein, Fritz, Stockholm, Sweden. Liquid pressure actuated regulator. 2,203,243; June 4.
Wetzel, Edward A., assignor to Briggs Manufacturing Company, Detroit, Mich. Garnish molding retainer. 2,214,947; Sept. 17.
Wetzel, Eugen. (See Simkovits, Nikolaus, assignor.)
Wetzel, Maurice, Chicago, Ill. Decorative lighting apparatus. 2,216,260; Oct. 1.
Wetzel, Theodore A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Control means for burners. 2,198,895; Apr. 30.
Wetzel, Theodore A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Oven heat control unit. 2,198,896; Apr. 30.
Wetzel, Theodore A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Solenoid. 2,207,082; July 9.
Wetzler, Max, New York, N. Y. Printing apparatus. 2,193,213; Mar. 12.
Wexler, Meyer, Carteret, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Refrigeration. 2,227,168; Dec. 31.
Wexler, Monroe L., assignor to Sears, Roebuck and Co., Chicago, Ill. Combined sink and drainboard. 2,194,343; Mar. 19.
Weyandt, Carl S., Pittsburgh, Pa. Vibratory electrical apparatus. 2,187,717; Jan. 23.
Weyandt, Carl S., Pittsburgh, Pa. Electrical vibrator. 2,206,244; July 2.
Weybrew, Thelbert L. (See Hibbard, L. J., and Weybrew.)
Weybrew, Thelbert L., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,215,341; Sept. 17.
Weyde, Edith. (See Albers, F., Nitze, Schaum, and Weyde.)
Weyde, Edith, Cologne-Niehl, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Photographic printing paper. 2,205,756; June 25.
Weydell, Jarl M., assignor of one-half to E. E. Stout, Indianapolis, Ind. Clutch. 2,214,391; Sept. 10.
Weyerhaeuser Timber Company. (See Palmrose, George V., assignor.)
Weyers, Theodorus J., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn. Electric filter. 2,224,175; Dec. 10.
Weyerts, Walter J., and C. W. Wiederhold, assignors to Eastman Kodak Company, Rochester, N. Y. Increasing the viscosity of gelatin solutions. 2,218,255; Oct. 15.
Weygandt, Arthur S. (See Ridler, E. S., and Weygandt.)
Weymouth, Frederick R., Buffalo, N. Y., assignor to Curtiss-Wright Corporation. Wing slot. 2,186,221; Jan. 9.
Wezel, Walter. (See Schmid, R., and Wezel.)
Whalen, Edward J., Syracuse, N. Y. Light projector. 2,186,439; Jan. 9.
Whaley, Fred R., Buffalo, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Noncorrosive antifreeze composition. 2,185,238; Jan. 2.
Whaley, Fred R., Buffalo, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Noncorrosive antifreeze liquid. 2,197,775; Apr. 23.
Whaley, Fred R., Buffalo, and H. Lamprey, Kenmore, N. Y., assignors to Carbide and Carbon Chemicals Corporation. Noncorrosive antifreeze liquid. 2,197,774; Apr. 23.
Whaley, Malcolm L. (See Mott, C., and Whaley.)
Wharam, John J., assignor to Ford Motor Company, Dearborn, Mich. Head lamp construction. 2,219,143; Oct. 22.
Whartenby, Harry A., and L. Rementer, Philadelphia, Pa. Jack. 2,197,026; Apr. 16.
Whathall, Jay R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,186,225; Jan. 9.
Whatling, J. L., Limited. (See Whatling, James L., assignor.)
Whatling, James L., Ipswich, assignor to J. L. Whatling Limited, Ipswich, Suffolk, England. Shuttering for molding walls in situ. 2,206,493; July 2.
Whatmough, Wilfred A., Golders Green, London, England. Centrifugal clutch. 2,203,117; June 4.
Whealton, Rowland G. (See O'Neill, F. E., and Whealton.)
Wheary Trunk Company. (See Levin, Abraham M., assignor.)
Wheat, Charley T., Mineral Wells, Tex. Muzzle weaner. 2,224,418; Dec. 10.
Wheat, George W., Cedar Grove, N. J., assignor to Standard Oil Development Company. Coke cleaning apparatus. 2,205,757; June 25.
Wheatley, Charles, Kansas City, Mo. Valve. 2,203,399; June 4.
Wheatley, William B. (See Fleet, R. H., Wheatley, and Laddon.)
Wheaton, A. W., Brass Works. (See Meyer, W., and Krone, assignors.)
Wheaton, A. W., Brass Works. (See Wheaton, Abram W., assignor.)
Wheaton, Abram W., Maplewood, assignor to A. W. Wheaton Brass Works, Newark, N. J. Closure means. 2,191,902; Feb. 27.
Wheaton, Harold J. (See Furness, R., and Wheaton.)
Whedon, LeGrand S., Medina, N. Y., deceased, assignor of twenty-five per cent to B. A. Bean, Jr., Buffalo, N. Y., M. J. Whedon, executor. Adjustable seat structure. 2,210,863; Aug. 6.
Whedon, Milton J., executor. (See Whedon, LeGrand S.)
Wheelan, Robert B., Great Neck, N. Y. Pose reflecting photography. 2,224,579; Dec. 10.
Wheeler, Carson M., Montclair, and G. E. Dequevauviller, Clifton, assignors to Federal Telegraph Company, Newark, N. J. Vacuum tube cathode support. 2,226,680; Dec. 31.
Wheeler, Charles S., Los Angeles, Calif., assignor to Controlair Manufacturing Co. Adjustable damper. 2,186,353; Jan. 9.
Wheeler, Eugene W., Foster, Oreg. Soft ore milling machine. 2,211,679; Aug. 13.
Wheeler, Evan R. (See Dirkes, R. F., Hoover, and Wheeler.)
Wheeler, Evan R. (See Myer, P. L., and Wheeler.)
Wheeler, Evan R., and R. Hoover, Plainfield, N. J., and R. F. Dirkes, Jamaica, assignors to the Western Union Telegraph Company, New York, N. Y. Telegraph exchange system. 2,193,810; Mar. 19.
Wheeler, Floyd S., Arlington, Va., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Device for matching or sorting objects. 2,196,405; Apr. 9.
Wheeler, Floyd S., Arlington, Va., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Oven. 2,214,630; Sept. 10.
Wheeler, Fred A., Graves Company, Los Angeles, Calif. Adjustable louver. 2,210,516; Aug. 6.
Wheeler, Harley T., Dallas, Tex. Segmental metallic packing ring. 2,191,265; Feb. 20.
Wheeler, Harley T., Dallas, Tex. Making packing material. 2,217,085; Oct. 8.
Wheeler, Harold A. (See Harnett, D. E., and Wheeler.)
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation of America. Band-pass selector system. 2,185,388; Jan. 2.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Feedback amplifier filter. 2,185,389; Jan. 2.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Frequency indicator. 2,189,848; Feb. 13.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Amplifier system. 2,189,849; Feb. 13.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Antenna. 2,190,816; Feb. 20.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Tapered band width dead-end filter. 2,192,991; Mar. 12.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Coupling system. 2,195,438; Apr. 2.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Tunable selector of uniform band width. 2,196,881; Apr. 9.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Uniform impedance network 2,204,712; June 18.

Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Wide band amplifier and modulation system. 2,205,738; June 25.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Signal-translating circuit. 2,206,989; July 9.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Band-pass filter. 2,206,990; July 9.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Periodic wave generator. 2,226,648; Dec. 31.
Wheeler, Harold A., Great Neck, and J. C. Wilson, Bayside, Long Island, N. Y., assignors to Hazeltine Corporation. Periodic wave repeater. 2,212,173; Aug. 20.
Wheeler, Harold A., Great Neck, and J. F. Farrington, Flushing, N. Y., assignors to Hazeltine Corporation. High-frequency tunable system and apparatus. 2,222,387; Nov. 19.
Wheeler, Harvey C. (See Nilson, Raymond E., assignor.)
Wheeler, Henry H., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Wrapper transfer for cigar machines. 2,215,490; Sept. 24.
Wheeler, Henry J., Buffalo, assignor to Chisholm Ryder Company, Incorporated, Niagara Falls, N. Y. Corn cutter. 2,188,934; Feb. 6.
Wheeler, Herbert H. (See Smith, D. H., and Wheeler.)
Wheeler, Herbert H., Millburn, N. J., and O. McGinnis, Brooklyn, and W. Thordarson, assignors to The Western Union Telegraph Company, New York, N. Y. Pole line insulator. 2,194,189; Mar. 19.
Wheeler, Holman K., Cambridge, assignor of one-third to R. E. Jeffrey, Brookline, and one-third to G. N. Meserve, Brighton, Mass. Steam pressure control. 2,210,646; Aug. 6.
Wheeler Insulated Wire Company. (See Starring, D. S., and Slepian, assignors.)
Wheeler, Jay, Sacramento, H. C. McKim, and H. T. Riley, Huntington Park, Calif. Animal shoe and the like. 2,197,166; Apr. 16.
Wheeler, Leon. (See Vaughan, Berkeley S., assignor.)
Wheeler, Leon, Geneva, Ill. Blind. 2,224,943; Dec. 17.
Wheeler, Lloyd G., assignor to B. M. Root Co., York, Pa. Multiple-boring machine. 2,221,279; Nov. 12.
Wheeler, William H., assignor to F. J. Casey, Denver, Colo. Piston expander. 2,190,963; Feb. 20.
Wheeler, William R., Amherst, Mass. Book-marking device. 2,198,191; Apr. 23.
Wheeling Stamping Company. (See McGinnis, A. B., and Webb, assignors.)
Wheeling Stamping Company. (See Scott, Alexander A., assignor.)
Wheeling Stamping Company. (See Webb, Charles C., assignor.)
Wheeling Steel Corporation. (See Conner, Guy O., assignor.)
Wheeling Steel Corporation. (See Conner, G. O., and Bock, assignors.)
Wheeling Steel Corporation. (See Erb, John W., assignor.)
Wheeling Steel Corporation. (See Kielberg, Henry, assignor.)
Wheelock, John H., Fitzwilliam, N. H., assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Electrical control circuit and device therefor. 2,195,761; Apr. 2.
Wheelock, John H., Fitzwilliam, N. H., and F. Scherma, assignors to Signal Engineering & Manufacturing Company, New York, N. Y. Adjustable tone volume control device for chime signals. 2,223,144; Nov. 26.
Wheel Trueing Tool Company of Delaware. (See Petrie, John L., assignor.)
Whelan, Daniel P., Merrick, N. Y. Transparent bar. 2,220,503; Nov. 5.
Wheland Company, The. (See Campbell, George E., assignor.)
Wheldon, Maurice M., Monessen, Pa. Feeder for pulverulent material. 2,213,508; Sept. 3.
Wheler, Arthur G., and M. J. Roznowski, assignors of one-half to S. A. Scobell, Syracuse, N. Y. Liquid dispensing system. 2,194,681; Mar. 26.
Wheless, Eakin L., Shreveport, La. Method and apparatus for flowing wells. 2,193,309; Mar. 12.
Whelpley, Earl G., Parma, assignor to The Shea-Whelpley Construction Company, Cleveland, Ohio. Checkerwork construction. 2,196,882; Apr. 9.
Wherry, Dale J., St. Louis, Mo. Piston stabilizer. 2,219,798; Oct. 29.
Whetstine, Jesse E., assignor of one-half to H. E. Rosenberg, Cedar Rapids, Iowa. Draft control means. 2,186,354; Jan. 9.
Whiffen, Uridge G. (See Schlademan, K. A., and Whiffen.)
Whipple, Allen D., Alexandria, Ind., assignor to Johnson Laboratories, Inc., Chicago, Ill. Core of comminuted magnetic material. 2,218,669; Oct. 22.
Whipple, Clarence H. (See Julsrud, K. N., and Whipple.)
Whipple, Hudson, Madison, Ohio. Message delivery device. 2,214,392; Sept. 10.
Whipple, Russel D., Oakley, Calif. Thermocouple. 2,207,647; July 9.
Whipple, Willis A., Camp Lake, Wis., assignor to R. Malcom, Chicago, Ill. Respirator. 2,205,368; June 18.
Whipple, Willis A., assignor to R. Malcom, Chicago, Ill. Electric screen. 2,218,369; Oct. 15.
Whisenhunt, David S., Florence, S. C. Spotting unit. 2,219,830; Oct. 29.
Whisler, Jesse J., Farragut, Iowa. Ice blocking and trimming machine. 2,196,541; Apr. 9.
Whistler, Lawrence V., and S. A. Whistler, Kenmore, N. Y. Perforating punch and die assembly. 2,212,678; Aug. 27.
Whistler, Sanford A. (See Whistler, Lawrence V., and S. A.)
Whitacre, Charles H. (See Burk, R. E., and Whitacre.)
Whitacre, Clarence J., St. Louis, Mo., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,217,086; Oct. 8.
Whitacre-Greer Fireproofing Company, The. (See Estep, Arthur C., assignor.)
Whitacre, Verne L., Englewood, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Insulated pipe. 2,209,547; July 30.
Whitaker, Carl F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Sewing machine. 2,205,805; June 25.
Whitaker, Herman W., assignor of forty per cent to C. Jernigan, Port Arthur, Tex. Drain cleaner. 2,197,716; Apr. 16.
Whitaker, James N., Tuckahoe, N. Y., assignor to Radio Corporation of America. Light modulation system. 2,212,966; Aug. 27.
Whitaker, James N., Tuckahoe, N. Y., assignor to Radio Corporation of America. Synchronizing system. 2,227,049; Dec. 31.
Whitaker, John, North Wales, assignor to Safe Guard Corporation, Lansdale, Pa. Check writer. 2,211,680; Aug. 13.
Whitaker, John E., West Monroe, La. Wire reel. 2,199,901; May 7.
Whitaker, Uncas A., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,224,205; Dec. 10.
Whitby, Ernest, London, and L. B. S. Golds, Warlingham, England, assignors to Landis & Gyr, A.-G. Maximum demand indicator. 2,190,497; Feb. 13.
Whitcomb, Arthur J. (See Fox, G., Whitcomb, and Rice.)
Whitcomb, Forrest R., Winchendon, Mass. Liquid fuel burning system and regulating apparatus. 2,193,659; Mar. 12.
Whitcomb, Forrest R., Winchendon, Mass. Oil burner and control mechanism therefor. 2,194,133; Mar. 19.
Whitcomb, Loren W., Glendale, assignor to L. J. Gauthier, Los Angeles, Calif. Fishing reel. 2,191,004; Feb. 20.
Whitcomb, Preston, Watertown, Mass., assignor to Manning, Maxwell & Moore, Inc., New York, N. Y. Variable speed pulley. 2,187,188; Jan. 16.
Whitcomb, Preston, Kenmore, assignor to Manning, Maxwell & Moore, Inc., New York, N. Y. Electric hoist. 2,211,873; Aug. 20.
Whitcombe, Christopher J., assignor to Guest, Keen & Nettlefolds, Limited, Birmingham, England. Nut. 2,213,353; Sept. 3.
White, Addison H., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Dielectric material. 2,205,840; June 25.
White, Alfred M., Vancouver, British Columbia, Canada. Choker and butt hooks. 2,215,023; Sept. 17.
White, Alice G., executrix. (See White, Joseph C.)
White, Bert B., Waterloo, Iowa. Shock operated ignition switch. 2,199,122; Apr. 30.
White, Blanche B. (See Seymour, G. W., and White.)
White, Byron, Jr., et al. (See Humphrey, Pius B., assignor.)
White, C. N., et al. (See Thompson, Richard J.)
White, Carl, Jr., assignor to Franks Manufacturing Corporation, Tulsa, Okla. Portable derrick. 2,204,713; June 18.
White, Carleton E., Verbena, Ala. Hillside regulator for tractors. 2,215,571; Sept. 24.
White Castle System, Inc. (See Wirtz, Franklin H., assignor.)
White, Charles H., assignor to Deere & Company, Moline, Ill. Planter. 2,192,947; Mar. 12.
White, Charles H., assignor to Deere & Company, Moline, Ill. Planter. 2,192,948; Mar. 12.
White, Charles H., assignor to Deere & Company, Moline, Ill. Offset disk harrow. 2,196,485; Apr. 9.
White, Charles H., assignor to Deere & Company, Moline, Ill. Tractor mounted implement. 2,210,994; Aug. 13.
White, Charles M., Jr., assignor to The Colonial Insulator Company, Akron, Ohio. Road marker. 2,185,488; Jan. 2.
White, Clarence, Walnut Park, Calif. Packing for piston rods. 2,200,760; May 14.
White, Clarence, Walnut Park, and O. B. Graham, assignors to Oil Well Manufacturing Corporation, Los Angeles, Calif. Slush-pump valve. 2,223,651; Dec. 3.
White, Clarence B., Montclair, N. J. Cupric cellulose impregnated and coated fabric. 2,186,713; Jan. 9.
White, Clarence B., Montclair, N. J. Oil press filter cloth and method. 2,208,825; July 23.
White, Clarence B., Philadelphia, Pa. Recovery of metals from alloys and metallurgical residues. 2,200,139; May 7.
White, Deane R. (See Sease, V. B., and White.)
White, Edward P. (See Minger, Michael E., assignor.)

White, Eli, assignor of one-tenth to O. Millbrand, Detroit, Mich. Glow plug for internal combustion engines. 2,198,850; Apr. 30.
White, Ellis E., New York, N. Y. Closure means. 2,213,601; Sept. 3.
White, Ellis E., Portland, Oreg. Fishing lure. 2,225,676; Dec. 24.
White, Ellis R. (See Yabroff, D. L., and White.)
White, Elwood V., Moscow, Idaho, assignor to The Dow Chemical Company, Midland, Mich. Stabilization of cellulose ethers. 2,218,566; Oct. 22.
White, Elwood V., Moscow, Idaho, assignor to The Dow Chemical Company, Midland, Mich. Preparation of alkali hemicellulose. 2,218,567; Oct. 22.
White, Elwood V., Moscow, Idaho, assignor to The Dow Chemical Company, Midland, Mich. Ethers of pentahydric alcohols. 2,218,568; Oct. 22.
White, Elwood V., Moscow, Idaho, assignor to The Dow Chemical Company, Midland, Mich. Glycosides of pentose ethers. 2,218,569; Oct. 22.
White, Eric L. C. (See Blumlein, A. D., and White.)
White, Eric L. C. (See Browne, C. O., Hardwick, Blythen, and White.)
White, Eric L. C. (See Faudell, C. L., and White.)
White, Eric L. C. (See Hardwick, J., Blythen, and White.)
White, Eric L. C. (See Hardwick, J., and White.)
White, Eric L. C. (See Willans, P. W., Percival, White, and Osborne.)
White, Eric L. C., Hillingdon, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Thermionic valve circuits. 2,185,363; Jan. 2.
White, Eric L. C., Hillingdon, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Television and like transmitting system. 2,186,742; Jan. 9.
White, Eric L. C., Hillingdon, Middlesex, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Television system. 2,209,436; July 30.
White, Eric L. C., Middlesex, England, assignor to Electric & Musical Industries, Limited. Television and like system. 2,210,995; Aug. 13.
White, Eric L. C., Hillingdon, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Circuit arrangement for separating electrical signal pulses. 2,211,942; Aug. 20.
White, Eric L. C., Hillingdon, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Television and like transmitting system. 2,212,967; Aug. 27.
White, Eric L. C., Hillingdon, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Circuit arrangement for separating electric pulses. 2,227,052; Dec. 31.
White, Eric L. C., Hillingdon, and A. D. Blumlein, Ealing, London, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Oscillatory electric circuits. 2,212,217; Aug. 20.
White, Eric L. C., Hillingdon, and M. G. Harker, Pinner, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Thermionic valve amplifier. 2,221,122; Nov. 12.
White, Eric L. C., Hillingdon, and C. L. Faudell, Stoke Poges, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Cathode ray tube television and like apparatus. 2,222,426; Nov. 19.
White, Eric L. C., Hillingdon, and A. D. Blumlein, Ealing, London, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Protective device. 2,222,427; Nov. 19.
White, Eric L. C., Hillingdon, and O. L. Ratsey, Havant, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Television transmitting or receiving system. 2,227,050; Dec. 31.
White, Ernest C., Bronxville, assignor to Multi Vue Signs Company, Incorporated, New York, N. Y. Mirror sign. 2,203,244; June 4.
White, Ernest C., Bronxville, assignor to Multi Vue Signs Company, Incorporated, New York, N. Y. Motion display device. 2,203,245; June 4.
White, Ernest C., Bronxville, assignor to Multi Vue Signs Company, Incorporated, New York, N. Y. Mirror sign. 2,221,887; Nov. 19.
White, Ernest C., Bronxville, assignor to Multi Vue Signs Company, Incorporated, New York, N. Y. Mirror sign. 2,221,888; Nov. 19.
White, Ernest C., Bronxville, assignor to Multi Vue Signs Company, Incorporated, New York, N. Y. Mirror sign. 2,221,889; Nov. 19.
White, Eugene B., Oak Park, Ill. Monolithic structure. 2,194,536; Mar. 26.
White, Everett H., St. Paul, Minn. Control apparatus. 2,214,264; Sept. 10.
White, Forrest S., Hoosick Falls, and C. G. Bordeaux, Albany, N. Y. Check valve. Re. 21,334; Jan. 23.
White, Frank J., New York, assignor of forty-five per cent to J. H. Rush, Brooklyn, N. Y. Electric lamp attachment. 2,214,357; Sept. 10.
White, Frank M., assignor of one-fourth to R. S. Smith, one-fourth to J. K. Shuger, and one-fourth to E. E. Colby, Chicago, Ill. Vehicle running gear. 2,198,099; Apr. 23.
White, Fred E., Nashville, Mich. Valved cap for containers. 2,187,256; Jan. 16.
White, George F., et al. (See Burrows, William E., assignor.)
White, Gerald, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Coloring vitreous articles. 2,225,729; Dec. 24.
White, Gerald E., Lansing, Mich. Electric heater. 2,218,999; Oct. 22.
White, H. N., Company, The. (See White, Henderson N., assignor.)
White, Harold E., Zelienople, assignor to Lava Crucible Company of Pittsburgh, Pittsburgh, Pa. Manufacture of refractory articles. 2,222,188; Nov. 19.
White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,188,381; Jan. 30.
White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,198,897; Apr. 30.
White, Harry B., assignor to The Hoover Company, North Canton, Ohio. Dusting tool for suction cleaners. 2,212,679; Aug. 27.
White, Harry B., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,226,362; Dec. 24.
White, Harry C., Los Angeles, Calif. Conditioning wells. 2,207,184; July 9.
White, Harry C., Los Angeles, and M. Powell, San Gabriel, Calif.; said Powell assignor to said White. Antisepticized brush. 2,216,333; Oct. 1.
White, Harry J., Los Angeles, Calif., assignor to Research Corporation, New York, N. Y. Apparatus and method for cleaning gases. 2,192,249; Mar. 5.
White, Harry J., Los Angeles, Calif., assignor to Research Corporation, New York, N. Y. Electrical precipitation apparatus. 2,192,250; Mar. 5.
White, Harry J., Los Angeles, Calif., assignor to Research Corporation, New York, N. Y. Method and apparatus for electrical precipitation. 2,225,677; Dec. 24.
White, Harry L., Melrose, and J. A. Keenan, Newton, Mass., assignors to General Ice Cream Corporation, Schenectady, N. Y. Nondrip milk bottle. 2,214,004; Sept. 10.
White, Henderson N., Euclid, assignor to The H. N. White Company, Cleveland, Ohio. Musical instrument. 2,194,513; Mar. 26.
White, Henderson N., Euclid, assignor to The H. N. White Company, Cleveland, Ohio. Musical instrument. 2,219,434; Oct. 29.
White, Herbert S., West Aylmer, Ontario, Canada. Fly swatter. 2,207,963; July 16.
White, Howard D., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerator cabinet. 2,212,964; Aug. 27.
White, Howard D., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,220,695; Nov. 5.
White, J. J., Manufacturing Company. (See Weed, Edward L., assignor.)
White, Jake R., Paw Creek, N. C. Picker stick. 2,219,946; Oct. 29.
White, James C., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Treatment of motor fuel. 2,219,859; Oct. 29.
White, Joe. (See Crichfield, R. M., and White.)
White, Joe, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Armature support. 2,187,064; Jan. 16.
White, Joe, Anderson, Ind., and R. Bertsche, Jr., Pontiac, Mich., assignors to General Motors Corporation, Detroit, Mich. Sounding signal adjustment. 2,227,289; Dec. 31.
White, John C., Madison, Wis. Injector heater. 2,207,390; July 9.
White, John C., Madison, Wis. Oil separator. 2,223,652; Dec. 3.
White, John F., Eagle Pass, Tex. Fishing tool. 2,199,298; Apr. 30.
White, John J. (See Harvey, J. E., Jr., and Robert H., Jr., and J. J. White.)
White, John J., Chicago, and H. M. Florsheim, Highland Park, assignors to The Florsheim Shoe Company, Chicago, Ill. Ribbed insole. 2,225,192; Dec. 17.
White, John R., Belmont, and J. A. Dunn, Newtonville, Mass., assignors to Lever Brothers Company. Sugar composition. 2,225,894; Dec. 24.
White, John V., and E. J. Ritter, assignors of nineteen per cent to J. Jennings, Niles, Ohio, and eighty-one per cent to said Ritter. Current connection ring. 2,219,244; Oct. 22.
White, John W., and R. A. Goepfrich, assignors to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,215,747; Sept. 24.
White, Joseph C., deceased; A. G. White, executrix, Boston, Mass. Lighting device. 2,202,278; May 28.
White, Jud E., Knoxville, Tenn. Telemetric system. 2,207,769; July 16.
White, Leo D., Lansdowne, and C. E. Stewart, Upper Darby, Pa., assignors to General Electric Company. Supervisory control system. 2,205,894; June 25.
White, Leo D., Lansdowne, and C. E. Stewart, Upper Darby, Pa., assignors to General Electric Company. Supervisory control system. 2,205,895; June 25.

White, Loyd J., San Antonio, Tex., assignor to Southern Steel Company. Storage and dispensing apparatus for liquefied gas. Re. 21,470; May 28.
White, Loyd J., assignor to Southern Steel Co., San Antonio, Tex. Liquefied gas dispensing system. 2,214,713; Sept. 10.
White, Loyd J., assignor to Southern Steel Co., San Antonio, Tex. Liquefied gas dispensing system. 2,216,866; Oct. 8.
White, Loyd J., San Antonio, Tex., assignor to Southern Steel Company. Valve and level gauge operating mechanism for liquefied gas dispensing systems. 2,217,578; Oct. 8.
White, Loyd J., San Antonio, Tex., assignor to Southern Steel Company. Liquid level gauge unit. 2,217,579; Oct. 8.
White, Loyd J., San Antonio, Tex., assignor to Southern Steel Company. Liquefied gas dispensing system. 2,217,580; Oct. 8.
White, Loyd J., San Antonio, Tex., assignor to Southern Steel Company. Liquefied gas dispensing system. 2,217,581; Oct. 8.
White, Loyd J., San Antonio, Tex., assignor to Southern Steel Company. Liquefied gas dispensing system. 2,217,582; Oct. 8.
White, Loyd J., San Antonio, Tex., assignor to Southern Steel Company. Liquefied gas dispensing system. 2,217,583; Oct. 8.
White, Loyd J., assignor to Southern Steel Company, San Antonio, Tex. Liquefied gas system. 2,225,578; Dec. 17.
White, Loyd J., assignor to Southern Steel Company, San Antonio, Tex. Combination valve device for gas dispensing systems. 2,225,579; Dec. 17.
White, Loyd O., Gallup, N. Mex. Combined bulldozer and ripper. 2,219,160; Oct. 22.
White, Luther T., Troup, Tex. Pressure relief means for automobiles. 2,224,494; Dec. 10.
White Manufacturing Company. (See Fisher, R. D., and Riley, assignors.)
White Metal Manufacturing Company. (See Witte, Paul, assignor.)
White Metals Manufacturing Company. (See Witte, Paul, assignor.)
White, Milton. (See Barrington, J. W., and White.)
White, Morris C., San Francisco, Calif. Fluid gauge nozzle. 2,219,406; Oct. 29.
White Motor Company, The. (See Baster, Forest S., assignor.)
White Motor Company, The. (See Quartullo, Orpheus F., assignor.)
White, Oliver C., Gardena, Calif. Feed trough for poultry. 2,221,013; Nov. 12.
White, Paul W., Waterbury, Conn., assignor to Parva Products Company, Chicago, Ill. Buckle. 2,211,187; Aug. 13.
White, Paul W., Waterbury, Conn., assignor to Parva Products Company, Chicago, Ill. Buckle. 2,219,537; Oct. 29.
White, Raeburn, Boston, assignor of one-half to W. K. Vantine, Newton, Mass. Photographic camera for making systematic identification of negatives. 2,210,610; Aug. 6.
White, Ray T., Rocky River, assignor to The Hankins Container Company, Cleveland, Ohio. Packing collar. 2,196,157; Apr. 2.
White, Robert H., Jr. (See Harvey, J. E., Jr., and Robert H., Jr., and J. J. White.)
White, Robert L., Amarillo, and O. W. Lyons, Pampa, Tex., assignors to The Dow Chemical Company, Midland, Mich. Treatment of wells. 2,223,397; Dec. 3.
White, Robert O., Manhattan Beach, Calif. Method of and means for cooling fluids. 2,218,594; Oct. 22.
White, Roger B., Cleveland, Ohio. assignor to Oxweld Acetylene Company. Apparatus for heat-treating metal bodies. 2,224,007; Dec. 3.
White, Roy B. (See Steeneck, R., Dirkes, and White.)
White, S. S., Dental Manufacturing Company, The. (See Angell, Robert C., assignor.)
White, S. S., Dental Manufacturing Company, The. (See Goosmann, Justus C., assignor.)
White, Samuel O., Muncie, assignor to Borg-Warner Corporation, Chicago, Ill. Transmission synchronizer. 2,190,964; Feb. 20.
White, Samuel O., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission synchronizer. 2,221,893; Nov. 19.
White, Samuel O., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission synchronizer. 2,221,894; Nov. 19.
White, Samuel O., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Blocker synchronizer. 2,221,895; Nov. 19.
White, Samuel O., and P. Orr, Muncie, Ind., assignors to Borg-Warner Corporation, Chicago, Ill. Blocker synchronizer. 2,221,899; Nov. 19.
White, Samuel O., and B. A. Barr, Muncie, Ind., assignors to Borg-Warner Corporation, Chicago, Ill. Synchronizing transmission. 2,221,900; Nov. 19.
White, Stamford, Greenwich, Conn. Burner. 2,187,003; Jan. 16.
White, Ted M. (See Lerch, W. B., White, and Gatchell.)
White, Thomas H., Hunting Valley, assignor to The Milo Products Company, Cleveland, Ohio. Latch mounting for containers. 2,222,008; Nov. 19.
White, W. F. (See Anderson, Harley E., assignor.)
White, W. H., et al. (See Stevens, William P., assignor.)
White, Walter E., Montreal, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Measuring apparatus. 2,220,563; Nov. 5.
White, Walter O., Salina, assignor to Crouse-Hinds Company, Syracuse, N. Y. Cover for conduit outlet boxes. 2,199,683; May 7.
White, William E., Bethlehem, Pa., assignor to Bethlehem Steel Company. Joint for concrete roadways. 2,213,725; Sept. 3.
White, William J., Portland, Oreg., assignor to Crown Zellerbach Corporation, San Francisco, Calif. Cushioning crate or box liner. 2,194,963; Mar. 26.
White, William T., assignor to Horton Manufacturing Company, Fort Wayne, Ind. Ironing machine. 2,222,671; Nov. 26.
White & Wyckoff Mfg. Co. (See Eden, James A., assignor.)
Whiteacre, Donald D., Waynesburg, Ohio. Insulating block. 2,192,723; Mar. 5.
Whited, Clarence A., Jenkins, Ky. Roller skate attachment. 2,208,888; July 23.
Whited, William E., Escondido, Calif. Burial vault mold. 2,201,359; May 21.
Whiteford, Alexander W., New York, N. Y. Bearing member. 2,200,129; May 7.
Whitehall Patents Corporation. (See Marinsky, Davis, assignor.)
Whitehall Patents Corporation. (See Marinsky, D., and Morin, assignors.)
Whitehall Patents Corporation. (See Morin, Louis H., assignor.)
Whitehall Patents Corporation. (See Morin, L. H., and Marinsky, assignors.)
Whitehead, Alexander G., East Hartford, and R. R. Raber, West Hartford, Conn., assignors, by mesne assignments, to Niles-Bement-Pond Company, New York, N. Y. Lathe. Re. 21,446; May 7.
Whitehead, Cecil L., Pasadena, R. M. Chenoweth, West Los Angeles, E. M. Irwin, R. H. Duvall, W. P. Huntley, and B. H. Rule, Pasadena, and G. E. Lewis, Alhambra, assignors to C-W-B Development Co., Los Angeles, Calif. Business dictating system. 2,200,351; May 14.
Whitehead, Charles R. (See Barrett, C. D., and Whitehead.)
Whitehead, Edward, Simcoe, Ontario, Canada, assignor to American Can Company, New York, N. Y. Feeding device. 2,196,240; Apr. 9.
Whitehead, Edwin R., McCandless Township, Allegheny County, Pa. Surge responsive device. 2,200,233; May 7.
Whitehead, Hugh H., Palmetto, Fla. Self-feathering sculling oar. 2,213,538; Sept. 3.
Whitehead, Richard H., assignor to The New Haven Clock Company, New Haven, Conn. Clock hand. 2,213,853; Sept. 3.
Whitehead, Richard H., and J. F. Langbein, assignors to The New Haven Clock Company, New Haven, Conn. Setting mechanism for clocks. 2,199,017; Apr. 30.
Whitehead, William. (See Schneicer, G., and Whitehead.)
Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Production of textile threads and fabrics. 2,186,056; Jan. 9.
Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Composition for application to textiles. 2,188,167; Jan. 23.
Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Textile materials and preparing same. 2,193,894; Mar. 19.
Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Safety paper. 2,208,652; July 23.
Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Safety paper. 2,208,653; July 23.
Whitehead, William, Rye, N. Y., assignor to Celanese Corporation of America. Method of and apparatus for stapilizing yarn. 2,207,842; July 16.
Whitehead, William A. (See Quick, C. G., and Whitehead.)
Whitehouse, John N., Camden, N. J. Apparatus and method for making tubular articles. 2,194,488; Mar. 26.
Whitehull Patents Corporation. (See Marinsky, Davis, assignor.)
Whitehurst, Bert W., New London, Conn., assignor to Whitehurst Research Corporation. Manufacture of hydrocarbons. 2,191,510; Feb. 27.
Whitehurst, George D. (See Perry, Judson A., assignor.)
Whitehurst, George W., Portsmouth, Va. Oil or liquid fuel burner. 2,196,572; Apr. 9.
Whitehurst, George W., Portsmouth, Va. Power unit. 2,205,705; June 25.
Whitehurst Research Corporation. (See Whitehurst, Bert W., assignor.)
Whitelegg, Richard O., Hagerstown, Md. Method and apparatus for electrically reproducing sound vibrations. 2,198,521; Apr. 23.
Whiteley, Austyn L. (See Rogers, S. E., and Whiteley.)
Whiteley, Austyn L., Rugby, England, assignor to General Electric Company. Electric valve circuit. 2,190,527; Feb. 13.
Whiteley, James M. (See Lewis, W. K., and Whiteley.)

Whiteley, James M., Jr., Elizabeth, and J. H. Bartlett, Cranford, N. J., assignors to Standard Oil Development Company. Lubricating oils and producing same. 2,220,307; Nov. 5.
Whiteley, Robert H., Oak Park, assignor to Randall Graphite Products Corporation, Chicago, Ill. Lubrication device. 2,212,218; Aug. 20.
Whiteman, Clarence F., Parma, and W. A. Halliday, Geneva, Ohio, assignors to General Electric Company. Magnetic indicator for watt-hour meters. 2,192,058; Feb. 27.
Whiteman, Marvin E., Los Angeles, Calif. Cement floor finisher. 2,198,929; Apr. 30.
Whiteman, Roy B., East Chicago, Ind. Window scaffold. 2,219,642; Oct. 29.
Whitenack, Charles L. (See Drill, D. C., Whitenack, and Gregory.)
Whitenack Corporation. (See Whitenack, Mirl E., assignor.)
Whitenack, Mirl E., New York, N. Y., assignor to Whitenack Corporation, Chicago, Ill. Electric control. 2,208,235; July 16.
Whitenack, Mirl E., New York, N. Y., assignor to Whitenack Corporation, Chicago, Ill. Steam heating system. 2,217,087; Oct. 8.
White Rose Seed & Nursery Co. (See Faber, H. B., and Ziegler, assignors.)
Whitesell, John C., Jr., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Welded metal structure. 2,209,909; July 30.
White Way Laundry. (See Elam, N., and Stone, assignors.)
Whitfield, Joseph E., Grove City, Pa. Reversing valve mechanism. 2,185,614; Jan. 2.
Whitfield, Joseph E., Grove City, Pa. Apparatus for blowing insulating material. 2,193,849; Mar. 19.
Whitfield, Marshall G., and V. Sheshunoff, Knoxville, Tenn., assignors to Reynolds Metals Company, New York, N. Y. Apparatus for coating metal strips. 2,203,606; June 4.
Whitfield, Marshall G., and V. Sheshunoff, Knoxville, Tenn., assignors to Reynolds Metals Company, New York, N. Y. Production of electrolytic iron. 2,223,928; Dec. 3.
Whitford, Harry S., Fountain Hill, assignor to Bethlehem Steel Company. Clasp brake. 2,219,671; Oct. 29.
Whitin Machine Works. (See Schlums, Otto W., assignor.)
Whitin Machine Works. (See Truslow, James L., assignor.)
Whiting Corporation. (See Brown, Arthur J., assignor.)
Whiting Corporation. (See Coffey, Oscar L., assignor.)
Whiting Corporation. (See Fones, Frank, assignor.)
Whiting Corporation. (See Hinckley, William T., assignor.)
Whiting Corporation. (See Young, Raymond E., assignor.)
Whiting, George F. (See Kabela, F., and Whiting.)
Whiting, Jasper, Boston, Mass. Water locomotion and apparatus therefor. 2,195,527; Apr. 2.
Whiting, John T. (See Chambers, T. A., Davis, Franz, and Whiting.)
Whiting, Max A., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,220,748; Nov. 5.
Whitley, Thomas W. (See Jensen, O. M., Wruk, and Whitley.)
Whitlock Cordage Company. (See Whitlock, Harold A., assignor.)
Whitlock, Donald E., Orange, and J. F. Kienast, Union City, assignors to Keuffel & Esser Company, Hoboken, N. J. Blueprint. 2,209,548; July 30.
Whitlock, Harold A., assignor to Whitlock Cordage Company, New York, N. Y. Fiber rope structure. 2,190,854; Feb. 20.
Whitlock, Harold W., assignor to The Boardman Company, Oklahoma City, Okla. Seed cleaner. 2,204,032; June 11.
Whitlock, Stanley J. (See Besler, W. J., and Whitlock.)
Whitman, Bradley. (See Schwenk, E., and Whitman.)
Whitman, Bradley. (See Schwenk, E., Whitman, and Fleischer.)
Whitman, Bradley, New York, N. Y., and E. Schwenk, Montclair, assignors to Schering Corporation, Bloomfield, N. J. Separation of pregnenolone esters. 2,221,826; Nov. 19.
Whitman, Gerald D., assignor of one-half to F. R. Dow, Tajique, N. Mex. Generator cooler. 2,220,308; Nov. 5.
Whitman, Nathan D., South Pasadena, Calif., assignor to American Concrete and Steel Pipe Company. Making concrete pipe. 2,224,419; Dec. 10.
Whitman, Preston Y. (See Livingston, William H., assignor.)
Whitman, Ray B., Essex Fells, N. J. Golf tee. 2,186,057; Jan. 9.
Whitman, Stephen F., & Son, Inc. (See Greenwood, George W., assignor.)
Whitman, Vernon E. (See Friedman, W. F., and Whitman.)
Whitmer, Virgil W., Canton, assignor to Republic Steel Corporation, Cleveland, Ohio. Making metal articles with handles. 2,201,067; May 14.
Whitmer, William R. (See Lupfer, R. N., and Whitmer.)
Whitmire, Homer E., Richmond Heights, Mo., assignor to Shell Oil Company, Incorporated. Insecticide. 2,204,197; June 11.
Whitmore, Horace G., Minneapolis, Minn. Portable and sectional building construction. 2,208,010; July 16.
Whitner, Thomas C., Jr., Elizabeth, N. J., assignor to Standard Oil Development Company. Refining petroleum distillates. 2,189,850; Feb. 13.
Whitner, Thomas C., Jr., Elizabeth, N. J., assignor to Ellis Laboratories, Inc. Factice-containing printing ink. 2,191,603; Feb. 27.
Whitney, Alvin M., Bradford, Pa. Window. 2,202,818; June 4.
Whitney Chain & Mfg. Company, The. (See Dow, Richard F., assignor.)
Whitney Chain & Mfg. Company, The. (See Mullaney, Richard L., assignor.)
Whitney & Davis Company. (See Sweet, W. R., and Higgins, assignors.)
Whitney, Ernest C., Waterbury, assignor to Porter-McLeod Machine Tool Co., Inc., Hatfield, Mass. Cutoff machine. 2,201,658; May 21.
Whitney, Gilbert C., New York, N. Y. Wrench adapter. 2,210,742; Aug. 6.
Whitney, Kenneth B., Toronto, Ontario, Canada. Foot adjuster. 2,189,693; Feb. 6.
Whitney, Kenneth E., Baltimore, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Bimetallic element. 2,205,162; June 18.
Whitney, Leslie C., Forest Hills, and J. A. Heidish, assignors to Copperweld Steel Company, Glassport, Pa. Treating electro-deposited metal. 2,196,002; Apr. 2.
Whitney, Lewis J., Springville, Utah. Compound implement. 2,204,740; June 18.
Whitney, Lyman F., Cambridge, Mass., assignor, by mesne assignments, to Stator Corporation. Sealing device. 2,188,990; Feb. 6.
Whitney, Lyman F., assignor to Comstock & Wescott, Inc., Cambridge, Mass. Refrigerating apparatus and method. 2,199,123; Apr. 30.
Whitney, Lyman F., Cambridge, Mass., assignor, by mesne assignments, to Stator Corporation. Control device. 2,199,975; May 7.
Whitney, Lyman F., Cambridge, Mass., assignor, by mesne assignments, to Stator Corporation. Household refrigeration. 2,199,976; May 7.
Whitney, Lyman F., assignor to Comstock & Wescott, Inc., Cambridge, Mass. Cooler arrangement. 2,209,866; July 30.
Whitney, Maurice P. (See McGrath, W. L., and Whitney.)
Whitney, Maurice P., Elmira, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,197,563; Apr. 16.
Whitney Metal Tool Company. (See Jensen, John, assignor.)
Whitney, Ralph T., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,218,601; Oct. 22.
Whitney, Ross A. (See Perham, D. E., and Whitney.)
Whitney, William E., Cambridge, Mass. Attachment for golf clubs. 2,218,943; Oct. 22.
Whitney, William E., Cambridge, Mass., assignor, by mesne assignments, to Stator Corporation. Controlling device. 2,199,974; May 7.
Whitney, William E., Cambridge, Mass., assignor, by mesne assignments, to Stator Corporation. Refrigeration controller. 2,222,210; Nov. 19.
Whiton, Lucius E., New London, Conn. Book, catalogue, or the like. 2,207,604; July 9.
Whittaker, Alexander R., New York, assignor to National Meter Company, Brooklyn, N. Y. Temperature compensated fluid measuring system. 2,206,540; July 2.
Whittaker, Charles C., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Eddy current relay. 2,209,368; July 30.
Whittaker, Charles C., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Section insulator. 2,221,621; Nov. 12.
Whittaker, John G., Hawthorne, N. J. Bx cable cutter. 2,207,044; July 9.
Whittaker, Lloyed E., assignor to Technicolor Motion Picture Corporation, Los Angeles, Calif. Resetting apparatus. 2,192,251; Mar. 5.
Whittaker, Norman A. (See Lysons, H. H., and Whittaker.)
Whitted, John B., Glencoe, Ill. Cigarette dispenser. 2,201,277; May 21.
Whitten, James L., Rocky River, Ohio, assignor to The Brown Instrument Company, Philadelphia, Pa. Automatic control apparatus. 2,205,182; June 18.
Whitten, Owen M., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming annular blanks to a predetermined cross sectional contour. 2,200,569; May 14.
Whitten, Owen M., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Rolling machine. 2,223,472; Dec. 3.
Whittier, Benjamin L., Ruxton, assignor to Mt. Vernon-Woodberry Mills, Inc., Baltimore, Md. Drier felt. 2,208,090; July 16.
Whittier, Charles C., assignor, by mesne assignments, to Standard Chemical and Mineral Corporation, Chicago, Ill. Therapeutic composition. 2,187,766; Jan. 23.
Whittier, Earle O. (See Gould, S. P., and Whittier.)

Whittier, Earle O., and S. P. Gould, Washington, D. C., dedicated to the free use of the People of the United States of America. Fiber. 2,187,534; Jan. 16.
Whittier, Earle O., and S. P. Gould, Washington, D. C., dedicated to the free use of the People of the United States of America. Fiber. 2,197,246; Apr. 16.
Whittier, Earle O., and S. P. Gould, Washington, D. C., dedicated to the free use of the People of the United States of America. Fiber. 2,204,336; June 11.
Whittier, Earle O., and S. P. Gould, Washington, D. C., dedicated to the free use of The People of The United States of America. Fiber. 2,225,198; Dec. 17.
Whittier, Edward L., Elizabeth, N. J. Built-up container. 2,221,426; Nov. 12.
Whittier, William A., Kenilworth, and N. D. Williams and H. L. Moir, assignors to The Pure Oil Company, Chicago, Ill. Lubricant and preparing same. 2,211,306; Aug. 13.
Whittingham, Richard A., Perryville, Md. Vehicle brake. 2,226,457; Dec. 24.
Whittington, George W., Indianapolis, Ind., assignor of one-half to C. C. Bolte. Bale tie machine. 2,187,216; Jan. 16.
Whittington, Ralph S., Springfield, Mass., assignor to Bendix Products Corporation, South Bend, Ind. Automatic control of the brakes of a motor vehicle. Re. 21,640; Nov. 26.
Whittington, Ralph S., Springfield, Mass., assignor to Bendix Products Corporation, South Bend, Ind. Automatic control of clutch and throttle actuation of an automotive vehicle. 2,215,679; Sept. 24.
Whittle, Horace, Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave transmission system. 2,191,065; Feb. 20.
Whitton, Wilfred J., Grant City, Staten Island, N. Y. Motor driven shaving device. 2,199,768; May 7.
Whitworth, Edward, Saltcoats, and T. Thomson, Kilmarnock, Scotland, assignors to Imperial Chemical Industries Limited. Manufacture of double base propellent powder. 2,221,391; Nov. 12.
Why Corporation. (See Levitetz, Norman A., assignor.)
Whyatt, Violette A., Los Angeles, Calif. Perpetual calendar. 2,205,326; June 18.
Whyte, Daniel D., assignor to Injection Moulding Corp., New York, N. Y. Comb. 2,185,286; Jan. 2.
Whyte, William C., assignor to Cortland Line Company, Inc., Cortland, N. Y. Coloring of bent wood products. Re. 21,471; May 28.
Wiard, Robert G., Ypsilanti, Mich. Weedless fishhook. 2,195,347; Mar. 26.
Wiberg, Peter E., assignor to Art Wire & Stamping Co., Newark, N. J. Fishing tackle. 2,206,274; July 2.
Wicaco Machine Corporation, The. (See Mugford, Harold J., assignor.)
Wich, Bernard, Herkimer, N. Y. Furniture construction. 2,192,949; Mar. 12.
Wick, Georg, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of artificial materials. 2,191,056; Feb. 20.
Wick, Georg, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of artificial masses from polyvinyl chloride. 2,196,803; Apr. 9.
Wick, Herman L., Des Moines, Iowa. Precious ore recovery apparatus. 2,217,532; Oct. 8.
Wick, John H., assignor to Wicks Organ Company, Highland, Ill. Organ. 2,191,734; Feb. 27.
Wick, Joseph E., Carlstadt, N. J., assignor to J. Siegel, New York, N. Y. Sanding and surface finishing machine. 2,198,047; Apr. 23.
Wick, Olaf M., Valley City, N. Dak. Shaft sinking and excavating device. 2,221,226; Nov. 12.
Wick, Peter S., Duluth, Minn., assignor to The American Steel and Wire Company of New Jersey. Rod bundle transfer device. 2,207,648; July 9.
Wickenden, Leonard. (See Wadsworth, D. V., and Wickenden.)
Wickens, Edward F., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Locating device. 2,190,855; Feb. 20.
Wicker, Charles A., Selma, Ala. Tandem wheel construction. 2,208,484; July 16.
Wicker, Dan B., assignor to The Institute of Paper Chemistry, Appleton, Wis. Testing apparatus. 2,206,214; July 2.
Wickersham, Harry P. (See Burns, Erwin, assignor.)
Wickersham, Harry P., Huntington Park, assignor of one-half to E. Burns, Los Angeles, Calif. Jarring tool. 2,204,458; June 11.
Wickham, Bessie J., Long Beach, Calif. Combined rain deflector and ventilator. 2,186,086; Jan. 9.
Wickham Bros. (See Houck, John C., assignor.)
Wickman, Axel C., Coventry, England. Controlling a sequence of operations in a metal cutting or like machine. 2,192,822; Mar. 5.
Wickman, Lauri A., San Francisco, Calif. Glove. 2,219,501; Oct. 29.
Wickman, Leora M. (See Withey, John M., assignor.)
Wicks, John, Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Switching system. 2,203,557; June 4.
Wicks Organ Company. (See Wick, John H., assignor.)
Wicks, Stanley, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 2,221,686; Nov. 12.
Wickstrom, Eric and J., Chicago, Ill. Ventilating means for automobiles. 2,223,709; Dec. 3.
Wickstrom, John. (See Wickstrom, Eric and J.)
Wickwire, Arthur M., Jr., Mountain Lakes, assignors to Chambon Corporation, Garfield, N.. J. Paper marking apparatus. 2,192,724; Mar. 5.
Wickwire Spencer Steel Company. (See McCarthy, Benjamin L., assignor.)
Wico Electric Company. (See Harmon, Kenneth A., assignor.)
Widdifield, John W. (See Cotton, W. A., Jr., and Widdifield.)
Wide World Photos, Inc. (See Cooley, Austin G., assignor.)
Wide World Photos, Inc. (See Cooley, A. G., and Dillenback, assignors.)
Widell, Emil G., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America. Cathode for electron discharge devices. 2,192,491; Mar. 5.
Widell, Emil G., Bloomfield, N. J., assignor to Radio Corporation of America. Cathode alloy. 2,223,862; Dec. 3.
Widell, Magnus E., Cincinnati, Ohio, assignor to American Can Company, New York, N. Y. Can body maker. 2,192,950; Mar. 12.
Widell, Nils E., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,210,611; Aug. 6.
Wideman, Luther H. (See Benoit, J. P., Wideman, and Kinker.)
Wideman, Mervin, New York, N. Y. Hair curling device. 2,224,328; Dec. 10.
Widgren, Charles A., Flint, Mich. Forming and tempering helical springs. 2,218,864; Oct. 22.
Widman, Charles H., assignor to The Murray Corporation of America, Detroit, Mich. Making sheet metal vehicle doors. 2,198,069; Apr. 23.
Widman, Charles H., assignor to The Murray Corporation of America, Detroit, Mich. Seat construction. 2,199,382; May 7.
Widman, Charles H., assignor to The Murray Corporation of America, Detroit, Mich. Vehicle door. 2,210,612; Aug. 6.
Widman, Joseph, Los Angeles, Calif. Orchard heater. 2,213,509; Sept. 3.
Widman, William F., assignor to F. A. Lazenby & Company, Inc., Baltimore, Md. Spool winding machine. 2,224,845; Dec. 17.
Widmer, Arthur J., Webster Groves, Mo. Submerged bridge or tunnel construction. 2,211,589; Aug. 13.
Widmer, Arthur J., Webster Groves, assignor, by mesne assignments, of forty-two one-hundredths to M. E. Widmer, Mexico, Mo. Cleaning preparation. 2,188,140; Jan. 23.
Widmer, Gustav. (See Haller, R., and Widmer.)
Widmer, Gustav, Basel, Switzerland, assignor, by mesne assignments, to Ciba Products Corporation, Dover, Del. Pigment containing aminotriazine-aldehyde condensation products. 2,197,442; Apr. 16.
Widmer, Gustav, Basel, and W. Fisch, Muttenz, near Basel, Switzerland, assignors, by mesne assignments, to Ciba Products Corporation, Dover, Del. Treatment of textile materials. 2,191,362; Feb. 20.
Widmer, Gustav, Basel, and W. Fisch, Muttenz, near Basel, Switzerland, assignors, by mesne assignments, to Ciba Products Corporation, Dover, Del. Condensation products of amino-triazine, aldehyde, and alcoholic group-containing compounds and making same. 2,197,357; Apr. 16.
Widmer, Gustave. (See Gams, A., and Widmer.)
Widmer, Gustave, W. Fisch, and J. Jakl, Basel, Switzerland, assignors, by mesne assignments, to Ciba Products Corporation, Dover, Del. Manufacture of aminotriazine. 2,191,361; Feb. 20.
Widmer, Gustave, Basel, Switzerland, and L. Klein, Frankford, Philadelphia, assignors to Röhm & Haas Company, Philadelphia, Pa. Treating textiles and product. 2,219,375; Oct. 29.
Widmer, John, Rosedale, N. Y. Mouthpiece for smoking pipes. 2,202,182; May 28.
Widmer, Mary E. (See Widmer, Arthur J., assignor.)
Widner, Franklin D., assignor to Surface Combustion Corporation, Toledo, Ohio. Producing a carburizing gas. 2,186,690; Jan. 9.
Widuch, Adam, Michigan City, Ind., assignor of one-half to C. Ciaglo, Hamtramck, Mich. Device for protection of banks against robberies. 2,194,061; Mar. 19.
Widuch, Adam, assignor of one-half to W. Sliwa, Michigan City, Ind. Device for cutting, shredding, and grating vegetables. 2,208,654; July 23.
Wiebecke, Walter, Alsdorf, near Aachen, F. W. Moll, Witten-Ruhr, and W. Hardieck, Dortmund, assignors to the firm F. W. Moll Söhne, Maschinenfabrik, Witten, Germany. Pulling down pit props or pillars. 2,190,556; Feb. 13.
Wiebicke, Paul, Nuremberg, Germany. Diesel motor. 2,190,537; Feb. 13.
Wiebicke, Paul, Nuremberg, Germany. Motor vehicle. 2,206,342; July 2.
Wiebicke, Paul, Nuremberg, Germany. Diesel motor. 2,214,688; Sept. 10.

Wiebke, August, Los Angeles, Calif., assignor to The Hastings Manufacturing Company, Hastings, Mich. Expanding pistons. 2,194,778; Mar. 26.
Wiebke, August, Los Angeles, Calif., assignor to The Hastings Manufacturing Company, Hastings, Mich. Expanding pistons. 2,199,474; May 7.
Wiedbrauck, Erich, Essen-Bredeney, and H. Ginsberg, Lautawerk, (Lausitz), assignors of one-half to the firm of Th. Goldschmidt A.-G., Essen-Ruhr, and one-half to the firm Verinigte Aluminum-Werke Aktiengesellschaft, Lautawerk, (Lausitz), Germany. Manufacture of highly reactive alumina. 2,211,681; Aug. 13.
Wiedemeier, Alfred, Zug, assignor to Landis & Gyr, A. G. Time measuring mechanism. 2,188,169; Jan. 23.
Wieder, Leon, Bronx, assignor to Otis Elevator Company, New York, N. Y. Moving stairway handrail protective device. 2,187,189; Jan. 16.
Wiederhold, Charles W. (See Weyerts, W. J., and Wiederhold.)
Wiederhold, Oscar, Hyattsville, Md. Motor vehicle glare preventing means. 2,223,710; Dec. 3.
Wiedman, Edward L., Tonawanda, N. Y. Trailer jack or support. 2,196,715; Apr. 9.
Wiedoff, Arthur C., Milwaukee, Wis. Combination drain and plug. 2,190,278; Feb. 13.
Wiegand, Carl, Seattle, Wash. Control unit for tire inflation systems. 2,213,539; Sept. 3.
Wiegand, Edwin L. (See Lampe, J. G., and King, assignors.)
Wiegand, Edwin L., Pittsburgh, Pa. Apparatus for classification and separation of material particles. 2,213,510; Sept. 3.
Wiegand, Georg. (See Nassau, M., Sommer, and Wiegand.)
Wiegand, William D., Towson, Md. Reproducing impressions in a definite relation to one another. 2,226,987; Dec. 31.
Wieger, Henry F. (See Mincher, J. M., and Wieger.)
Wiegman, Ernst A., New York, N. Y. Pen. 2,202,304; May 28.
Wieking, William C., Woodhaven, and A. Baumgartner, Hollis, assignors to R. Hoe & Co., Inc., New York, N. Y. Control apparatus for printing machines. 2,200,316; May 14.
Wiemer, Edward G., assignor to J. J. Gilson, Jr., Lynbrook, N. Y. Aerial advertising streamer. 2,203,623; June 4.
Wiemer, Erich, Saarbrucken, Germany. Process and device for treating muds. 2,219,435; Oct. 29.
Wienecke, Bruno, Berlin, Germany. Braun tube. 2,227,051; Dec. 31.
Wieneke, Henry A., New Brunswick, N. J., assignor to National Lead Company, New York, N. Y. Filtering apparatus. 2,227,239; Dec. 31.
Wiener, Charles, Newark, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Mount construction for incandescent lamps. 2,225,090; Dec. 17.
Wiener, John A., Oswego, assignor to Johns-Manville Corporation, New York, N. Y. Making sheet products. 2,208,236; July 16.
Wiener, Leonard S. (See Hoffman, S. K., and Wiener.)
Wieners, Franz. (See Burneleit, W., Mieg, and Wieners.)
Wieners, Franz. (See Mieg, M., and Wieners.)
Wieners, Franz, Cologne-Stammheim, and W. Mieg, Opladen, Germany, assignors to General Aniline & Film Corporation. Effecting carbazole ring formation of compounds of the anthraquinone series. 2,212,965; Aug. 27.
Wienert, Fritz. (See Schmid, W., Wienert, and von Stocmeier.)
Wier, Anthony J., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frame support. 2,191,637; Feb. 27.
Wiese, Lee O., Perry, Iowa. Fabricated cultivator sweep. 2,226,884; Dec. 31.
Wiesehahn, Gustav A., New York, N. Y., assignor, by mesne assignments, to American Lecithin Company, Cleveland, Ohio. Soft lecithin preparation. 2,194,842; Mar. 26.
Wieseman, Robert W., Schenectady, N. Y., assignor to General Electric Company. Dynamo electric machine. 2,201,845; May 21.
Wiesendanger, Christian, Jr. (See Gerber, E. G., and Wiesendanger.)
Wiesler, Fred. (See Alexander M., and Wiesler.)
Wiessner, Alfred, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. High frequency system. 2,203,316; June 4.
Wiessner, Alfred, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Arrangement for carrier frequency modulation. 2,204,198; June 11.
Wiessner, Alfred, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. High frequency system. 2,208,917; July 23.
Wiessner, Alfred, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Communication system. 2,208,918; July 23.
Wiessner, Alfred, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Intercommunication system. 2,212,256; Aug. 20.
Wiessner, Alfred, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Radio transmission arrangement. 2,214,916; Sept. 17.
Wiessner, Alfred, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. High frequency system. 2,227,207; Dec. 31.
Wiessner, Alfred, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electric frequency separator. 2,227,384; Dec. 31.
Wiessner, Alfred, and W. Spang, Berlin, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Wired radio transmitting system. 2,208,916; July 23.
Wiessner, Alfred, and W. Hagen, Berlin, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. High frequency system. 2,223,084; Nov. 26.
Wiessner, Christopher E., assignor to Durametallic Corporation, Kalamazoo, Mich. Shaft packing. 2,185,876; Jan. 2.
Wiessner, Christopher E., assignor to Durametallic Corporation, Kalamazoo, Mich. Shaft packing. 2,220,984; Nov. 12.
Wiest, Matthaus, Einswarden, i. O., assignor to L. Schuler A. G., Goppingen, Germany. Flanging the edge of a round opening. 2,193,050; Mar. 12.
Wiezevich, Peter J. (See Baldeschwieler, E. L., and Wiezevich.)
Wiezevich, Peter J., now by judicial change of name Peter J. Gaylor, Elizabeth, N. J., assignor to Standard Oil Development Company. Fluorinated compound and producing same. 2,186,916; Jan. 9.
Wiezevich, Peter J., now by judicial change of name P. J. Gaylor, Elizabeth, N. J., assignor to Standard Oil Development Company. Plasticized synthetic rubber compositions. 2,202,363; May 28.
Wiezevich, Peter J., now by judicial change of name P. J. Gaylor, Elizabeth, N. J., assignor to Standard Oil Development Company. Lubricating oil. 2,202,364; May 28.
Wiezevich, Peter J., Elizabeth, N. J., now by judicial change of name to P. J. Gaylor, assignor to Standard Oil Development Company. Solvent for high molecular weight polymers of iso-olefins. 2,204,167; June 11.
Wiezevich, Peter J., Elizabeth, N. J., now by judicial change of name Peter J. Gaylor, assignor to Standard Oil Development Company. Hydrocarbon copolymer composition. 2,213,423; Sept. 3.
Wiezevich, Peter J., Staten Island, N. Y., now by judicial change of name to P. J. Gaylor, assignor to Standard Oil Development Company. Superior lubricating composition. 2,223,473; Dec. 3.
Wiezevich, Peter J., Elizabeth, J. C. Zimmer, Hillside, and A. J. Morway, Roselle, N. J.; said Wiezevich, now by judicial change of name to P. J. Gaylor, assignors to Standard Oil Development Company. Compounded lubricating oil. 2,198,851; Apr. 30.
Wiezevich, Peter J.; said Wiezevich now by judicial change of name Peter J. Gaylor, and R. Rosen, Elizabeth, N. J., assignors to Standard Oil Development Company. Production of butadiene. 2,209,215; July 23.
Wiezevich, Peter J., now by judicial change of name P. J. Gaylor, Elizabeth, and W. J. Sparks, Cranford, N. J., assignors to Standard Oil Development Company. Plastic composition. 2,215,601; Sept. 24.
Wiggins, Edward J. (See Lindsay, J. D., Wiggins, and Press.)
Wiggins, Edward J., assignor to J. Galter, Chicago, Ill. Electrically heated steam iron. 2,190,903; Feb. 20.
Wiggins, Edward J., assignor to J. Galter, Chicago, Ill. Electrically heated steam iron. 2,190,904; Feb. 20.
Wiggins, Edward J., assignor to J. Galter, Chicago, Ill. Water level indicator for electrically heated steam iron. 2,224,206; Dec. 10.
Wiggins, Edward J., assignor to American Supercraft Corporation, Chicago, Ill. Electric scissors. 2,225,580; Dec. 17.
Wiggins, Helen S., Sterling, Ill. Flour carton and sifter therefor. 2,224,495; Dec. 10.
Wiggins, John H., Chicago, Ill. Temperature determining apparatus and sampler for liquid containers. 2,198,324; Apr. 23.
Wiggins, John H., Chicago, Ill. Control mechanism for gas and liquid storage apparatus. 2,215,308; Sept. 17.
Wiggs, James W. (See Emmert, K. L., and Wiggs.)
Wiggs, James W. (See Hensel, F. R., Emmert, and Wiggs.)
Wiggs, Lawrence E., Worth Township, Woodford County, Ill. Escapementlike clutch. 2,203,805; June 11.
Wight, Frank H., Lincoln, Nebr., assignor to H. H. Bendixen and W. N. Williams, Clinton, Iowa. Oil flash tester. 2,201,708; May 21.
Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Switch and signal control system for railroads. 2,219,503; Oct. 29.
Wight, Sedgwick N., Rochester, and A. Langdon, Brighton, assignors to General Railway Signal Company, Rochester, N. Y. Switch and signal control system for railroads. 2,219,502; Oct. 29.
Wigle, Everett, Kingsville, Gosfield South Township, Ontario, Canada. Cultivator. 2,218,187; Oct. 15.
Wiglesworth, Victor T., assignor of one-half to A. Sweek, Portland, Oreg. Direction indicating mechanism. 2,224,176; Dec. 10.
Wigley, Arthur, Burbage, England. Transfer instrument. 2,188,125; Jan. 23.
Wigley, Chester G. (See Potts, C., and Wigley.)

Wikander, Anders J., and I. Lind, Brooklyn, and L. L. Wisdom, New York, N. Y. Sheet folding and pleating machine. 2,194,344; Mar. 19.
Wiken, Ralph, assignor to The Falk Corporation, Milwaukee, Wis. Power unit for multiple oil wells. 2,212,909; Aug. 27.
Wilber, Carl L., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Axle housing. 2,204,287; June 11.
Wilbert, Heinrich. (See König, H., Meenen, Schnarz, and Wilbert.)
Wilbor, Oscar J. (See Guthrie, R. G., and Wilbor.)
Wilbur, Donald A., North Troy, N. Y., assignor to The E. Ingraham Company, Bristol, Conn. Acoustical equalizer. 2,214,393; Sept. 10.
Wilbur, Fowler W. (See Walen, E. A., and Wilbur.)
Wilbur, Paul C., San Jose, Calif. Rice product and process. 2,187,718; Jan. 23.
Wilbur, Ralph H. (See Lane, J. D., and Wilbur.)
Wilbur-Suchard Chocolate Company. (See Cook, L. R., and Light, assignors.)
Wilby, Edward W. (See Mountjoy, G., and Wilby.)
Wilcken, Karl, F. Kliempt, Dessau, W. Fritz, Dessau-Ziebigk, and W. Heck, Dessau, Germany, assignors to Junkers Flugzeug-und-Motorenwerke, Aktiengesellschaft. Liner for internal combustion engines. 2,203,885; June 11.
Wilckens, Eibe A. (See Goebel, G., and Wilckens.)
Wilckens, Ernst, Berlin-Sudende, assignor to Julius Pintsch Kommanditgesellschaft, Berlin, Germany. Ultra-short-wave transmitting and receiving device. 2,203,760; June 11.
Wilckens, Kurt W., assignor, by mesne assignments, to Heinemann Circuit Breaker Company, Trenton, N. J. Blow-out mechanism. 2,200,108; May 7.
Wilckens, Kurt W., Philadelphia, Pa., assignor, by mesne assignments, to Heinemann Circuit Breaker Company, Trenton, N. J. Current limiter. 2,200,109; May 7.
Wilcolator Company, The. (See Fonseca, Edward L., assignor.)
Wilcolator Company, The. (See Parkhurst, Malcolm K., assignor.)
Wilcolator Company, The. (See Waddell, Benson F., assignor.)
Wilcom, Frank, and R. D. Thompson, Okmulgee, Okla. Combination cup and plunger oil well pump. 2,189,237; Feb. 6.
Wilcox, Albert L. (See Parsons, R. V., and Wilcox.)
Wilcox, Burr C. (See Mier, E. L., and Wilcox.)
Wilcox, Charles B., Mount Rainier, Md., assignor of one-half to E. Morris, Washington, D. C. Defrosting system. 2,215,414; Sept. 17.
Wilcox, Charles E., Compton, assignor to Byron Jackson Co., Vernon, Calif. Cable tool drill. 2,209,619; July 30.
Wilcox, Eugene D. and J. R., Tyler, Tex. Drill hole apparatus. 2,190,901; Feb. 20.
Wilcox, Harry A. (See Biach, J. L., and Wilcox.)
Wilcox, Harry A., Norwalk, Conn., assignor to Automatic Signal Corporation, New York, N. Y. Traffic actuated control system and apparatus. Re. 21,377; Feb. 27.
Wilcox, Isaac L. (See Jacoby, H. L., and Wilcox.)
Wilcox, Isaac L., assignor to Oswego Falls Corporation, Fulton, N. Y. Machine for applying closures of thin flexible material to containers. 2,187,190; Jan. 16.
Wilcox, John H., Easton, Md. Soy bean harvester attachment. 2,187,438; Jan. 16.
Wilcox, John R. (See Wilcox, Eugene D. and J. R.)
Wilcox, Leon B. (See Thurston, P. L., and Wilcox.)
Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Header. 2,205,507; June 25.
Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Header. 2,205,585; June 25.
Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Making nut blanks. 2,207,391; July 9.
Wilcox, Robert L., Wilmington, Del., assignor to W. L. Morgan, Edgewood, R. I. Device for varying the current flow in an electric circuit. 2,186,222; Jan. 9.
Wilcox, Robert W., Long Beach, Calif. Fracture reduction apparatus. 2,204,266; June 11.
Wilcox, Roy M., Toronto, Ontario, Canada. Illuminated clock. 2,212,359; Aug. 20.
Wilcox, Russell I., assignor of one-half to J. P. Seeburg, Chicago, Ill. Automatic phonograph. 2,215,141; Sept. 17.
Wilcox, William D., Kansas City, Mo. Producing a carbon monoxide-hydrogen mixture. 2,199,475; May 7.
Wilcox, William H., Stockton, Calif., assignor to California Cedar Products Company. Dimension and warp detector for objects. 2,219,155; Oct. 22.
Wilcoxson, Leslie S., Ridgewood, assignor to The Babcock & Wilcox Company, Newark, N. J. Waste liquor recovery apparatus. 2,198,446; Apr. 23.
Wild, Charles H., and C. H. Neer, assignors to The Burt Machine Company, Baltimore, Md. Can labeling machine. 2,224,496; Dec. 10.
Wild, Edward, assignor to Veeder-Root Incorporated, Hartford, Conn. Counting mechanism. 2,212,870; Aug. 27.
Wild, Eugen, assignor to the firm Carl Emil Ruf, Pforzheim, Germany. Pencil. 2,201,117; May 14.
Wild, Gunther P., Philadelphia, Pa., assignor to C. V. Hill & Company, Incorporated, Trenton, N. J. Latch mechanism for cold storage doors and the like. 2,207,568; July 9.
Wild, Günther P., Philadelphia, Pa., assignor to C. V. Hill & Company, Incorporated, Trenton, N. J. Latch mechanism for cold storage doors and the like. 2,207,569; July 9.
Wild, Heinrich, Romeburg, Baden, Switzerland. Angle-measuring instrument. 2,221,317; Nov. 12.
Wild, Henry, Surveying Instruments Supply Co. (See Fagerholm, Erik, assignor.)
Wild, Hermann, and K. Schneider, assignors to Societe Anonyme Adolphe Saurer, Arbon, Switzerland. Internal combustion engine. 2,214,445; Sept. 10.
Wild, William, et al. (See Marsom, E., and Wells, assignors.)
Wilder & Company. (See Munson, Howard B., assignor.)
Wilder, Joseph W., Memphis, Tenn. Pipe nipple and coupling applying and removing tool. 2,211,398; Aug. 13.
Wilder, Leon G., Elmira, N. Y. Grounding clamp. 2,211,451; Aug. 13.
Wilder, Marjorie C., New York, N. Y., and J. W. Rockefeller, Jr., Short Hills, N. J., assignors to Robinson Tag & Label Company. Tag. 2,210,743; Aug. 6.
Wilder, Richard S. (See Ogilvie, J., and Wilder.)
Wilder, Richard S., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Production of aminoanthraquinone compounds. 2,207,045; July 9.
Wilder, Richard S., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Preparation of arylamino-anthraquinone compounds. 2,210,517; Aug. 6.
Wilder, Richard S., Hamburg, assignor to National Aniline & Chemical Company, Incorporated, New York, N. Y. Amino anthraquinone compounds. 2,211,943; Aug. 20.
Wildermann, Rudolf, New York, N. Y. Welding refractory metal. 2,186,312; Jan. 9.
Wildhaber, Ernest. (See Candee, A. H., and Wildhaber.)
Wildhaber, Ernest, Irondequoit, assignor to Gleason Works, Rochester, N. Y. Apparatus for relieving cutters. 2,192,370; Mar. 5.
Wildhaber, Ernest, Irondequoit, assignor to Gleason Works, Rochester, N. Y. Relief grinding cutter blades. 2,204,714; June 18.
Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Apparatus for relieving cutters. 2,210,273; Aug. 6.
Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Machine for relieving cutters. 2,221,827; Nov. 19.
Wildhaber, Ernest, and A. H. Candee, Irondequoit, and W. A. Witham, assignors to Gleason Works, Rochester, N. Y. Method and machine for grooving shaving gears. 2,187,992; Jan. 23.
Wildman Mfg. Co. (See Howie, Kenneth, assignor.)
Wildt and Company Limited. (See Holmes, Henry H., assignor.)
Wildt and Company Limited. (See Kent, A. W., and Holmes, assignors.)
Wile, Daniel D., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,190,464; Feb. 13.
Wile, Daniel D., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,192,117; Feb. 27.
Wile, Daniel D., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,209,216; July 23.
Wile, Daniel D., Utica, N. Y., assignor to Detroit Lubricator Company, Detroit, Mich. Pressure valve. 2,198,070; Apr. 23.
Wile, Daniel D., Utica, N. Y., assignor to Detroit Lubricator Company, Detroit, Mich. Refrigerating apparatus. 2,215,947; Sept. 24.
Wileman, Crozier S., assignor to Link-Belt Company, Chicago, Ill. Grit collector. 2,202,475; May 28.
Wiles, Chester N., Portland, Oreg. Mercury switch. 2,201,602; May 21.
Wiles, Edwin B., Chicago, Ill. Ventilating window for motor vehicles. 2,203,934; June 11.
Wiley-Bickford-Sweet Corp. (See Bickford, Ernest A., assignor.)
Wiley, Charles H., and M. B. Heftler, assignor to Zenith Carburetor Company, Detroit, Mich. Test apparatus. 2,215,680; Sept. 24.
Wiley, Esmond F., assignor to Universal Window Company, Berkeley, Calif. Window sash control mechanism. 2,224,365; Dec. 10.
Wiley, Lee M., assignor to Delta Electric Company, Marion, Ind. Horn unit and mounting thereof. 2,193,544; Mar. 12.
Wiley, Melvin C. (See Short, W. C., Howie, and Wiley.)
Wiley, Otis W. (See Dockerty, S. M., auw Wiley.)
Wiley, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Treating vinylidene chloride polymers. 2,205,449; June 25.
Wiley, William R., Detroit, Mich. Clip. 2,188,026; Jan. 23.
Wiley, William R., Detroit, Mich. Frame structure and attaching clip. 2,194,106; Mar. 19.
Wiley, William R., Detroit, Mich. Attaching clip. 2,195,068; Mar. 26.
Wiley, William R., Detroit, Mich. Molding clip. 2,208,878; July 23.

Wiley, William R., Detroit, Mich. Clip. 2,216,219; Oct. 1.
Wiley, William R., Detroit, Mich. Attaching clip for metal moldings. 2,217,781; Oct. 15.
Wiley, William R., Detroit, Mich. Trunk lid support. 2,221,123; Nov. 12.
Wiley, William R., Birmingham, Mich. Clip. 2,221,124; Nov. 12.
Wiley, William R., Birmingham, Mich. Clip. 2,227,290; Dec. 31.
Wilfley, A. R., and Sons, Incorporated. (See Geer, William E., assignor.)
Wilford, James W., and S. S. Hargraves, assignors to Melling Forging Company, Lansing, Mich. Drill press. 2,215,681; Sept. 24.
Wilhelm, Dean M., and A. E. Kempler, assignors to The Patterson Foundry & Machine Company, East Liverpool, Ohio. Agitator or mixer. 2,227,331; Dec. 31.
Wilhelm, Edward A. (See Boyles, R. R., and Wilhelm.)
Wilhelm, Karl. (See Steimel, K., and Wilhelm.)
Wilhelm, Karl, Berlin-Tempelhof, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches Ufer 12/13, Berlin, Germany. Distortion reducing arrangement. 2,194,175; Mar. 19.
Wilhelm, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Variable width band-pass filter. 2,205,075; June 18.
Wilhelm, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Amplifier circuits. 2,216,465; Oct. 1.
Wilhelm, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiver circuit arrangement. 2,224,207; Dec. 10.
Wilhelm, Karl, and E. Kettel, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Means adapted to regulate the band width. 2,187,340; Jan. 16.
Wilhelm, Raymond H., Chicago, Ill. Bed pillow separator. 2,208,713; July 23.
Wilhide, Glenn C., Towson, Md., assignor to The Black & Decker Manufacturing Company. Portable power driven screw or bolt driving and nut running machine. 2,225,091; Dec. 17.
Wilhoyte, Howard J., Cincinnati, Ohio. Board mounting clip. 2,218,273; Oct. 15.
Wilk, Wilhelm. (See Kolb, A., and Wilk.)
Wilkening Manufacturing Company. (See Wuerfel, William, assignor.)
Wilkerson, Daniel C., assignor to General Motors Corporation, Detroit, Mich. Oil burner switch control. 2,211,221; Aug. 13.
Wilkerson, Edward D., Orange, N. J. Hydraulic brake system bleeding and filling apparatus. 2,217,827; Oct. 15.
Wilkerson, Victor O. (See Lewis, W. L., and Wilkerson.)
Wilkes, Benjamin G., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Oil composition. 2,214,152; Sept. 10.
Wilkes, Donald P. (See Betterton, J. O., Lebedeff, and Wilkes.)
Wilkes, Reuben, and E. H. Ottoson, Seattle, Wash. Oil gas generator. 2,207,843; July 16.
Wilkey, John E. (See Palm, J. V. O., Anthony and Wilkey.)
Wilkie, Julius V., Dayton, Ohio. Display rack. 2,221,659; Nov. 12.
Wilkie, Leighton A., Minneapolis, Minn. Convertible filing machine. 2,204,840; June 18.
Wilkie, Robert J., Newton, assignor to Stowe-Woodward, Inc., Newton Upper Falls, Mass. Sectional roll. 2,186,890; Jan. 9.
Wilkins, Archibald C. (See Van Keuren, H., and Wilkins.)
Wilkins, George M., et al. (See Godfrey, A. F., and Wedgwood.)
Wilkins, James M., Morrisonville, Ill. Combined regulator and relief valve. 2,213,789; Sept. 3.
Wilkins, James M., Morrisonville, Ill. Replaceable seat on diaphragm-operated relief valves. 2,213,790; Sept. 3.
Wilkins, James M., assignor to Mueller Co., Decatur, Ill. Lubricated valve. 2,216,150; Oct. 1.
Wilkinson, Edward W., and G. D. Hurd, assignors to L. B. Evans' Son Company, Wakefield, Mass. Shoemaking. 2,208,531; July 16.
Wilkinson, Harry W., Mount Airy, assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Thermostatic control. 2,215,384; Sept. 17.
Wilkinson, James C. (See Akers, L. R., and Wilkinson.)
Wilkinson, James W., Honolulu, Hawaii, assignor to American Can Company, New York, N. Y. Can transfer valve. 2,220,137; Nov. 5.
Wilkinson, Russell R., et al. (See Chapman, Clifford M., assignor.)
Wilkinson Sword Company Limited, The. (See Randolph, H. B., and Mathisen, assignors.)
Wilkinson, William J., Eastchester, N. Y., assignor of one-half to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Printing. 2,226,086; Dec. 24.
Wilkinson, William L., Kalamazoo, Mich. Music leaf turner. 2,222,130; Nov. 19.
Wilkoff, Howard M., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Insulation. 2,204,288; June 11.
Wilkoff, Louis C., Youngstown, Ohio, assignor, by mesne assignments, to Youngstown Steel Car Corporation. Hatch frame. 2,190,690; Feb. 20.
Wilks, Andrew W. (See Kleineberg, P. E., Schweizer, and Wilks.)
Will, Walter, Berlin-Charlottenburg, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electric separating filter. 2,201,254; May 21.
Willamette Iron and Steel Corporation. (See Pointer, Robert W., assignor.)
Willans, Peter W., Hampstead, W. S. Percival, Hanwell, E. L. C. White, and C. P. Osborne, deceased; H. E. F. Osborne, Hillingdon, administratrix, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Television and like system. 2,194,514; Mar. 26.
Willard, Charles A., assignor to Fruit Treating Corporation, Orlando, Fla. Fruit cleaning machine. 2,221,159; Nov. 12.
Willard, Donald E., Danville, Ill. Joint. 2,189,156; Feb. 6.
Willard, George T. (See Warr, H. G., and Willard.)
Willard, Gerald W. (See Lack, F. R., Willard, and Fair.)
Willard, Gerald W., Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric apparatus. 2,218,225; Oct. 15.
Willard, Louis E., New York, assignor to C. Zimmer, Brooklyn, N. Y. Shock absorber. 2,192,876; Mar. 12.
Willard Storage Battery Company. (See Jeffords, A. H. B., and Camp, assignors.)
Willard Storage Battery Company. (See Lockwood, Harry B., assignor.)
Willard Storage Battery Company. (See Norberg, Carl F., assignor.)
Willard Storage Battery Company. (See Pearson, Carl E., assignor.)
Willard Storage Battery Company. (See Pucher, Leo E., assignor.)
Willard Storage Battery Company. (See Raney, Robert M., assignor.)
Willard Storage Battery Company. (See Raney, R. M., and Altmayer, assignors.)
Willard Storage Battery Company. (See Wells, Leland E., assignor.)
Willat, Arnold F., San Rafael, Calif. Waving hair. 2,195,803; Apr. 2.
Willcox, George C. (See Bush, Stanley A., assignor.)
Willcox & Gibbs Sewing Machine Company. (See Cumfer, Donald A., assignor.)
Willcox & Gibbs Sewing Machine Co. (See Lewis, Griffith M., assignor.)
Willcox & Gibbs Sewing Machine Company. (See Weis, Albert H., assignor.)
Willcox, Le Roy S., assignor of thirty per cent to C. N. Staley, Piqua, Ohio. Velocipede. 2,216,426; Oct. 1.
Wille, Fredrik. (See Mohr, A., Jr., Wille, and Grilli.)
Willeke, Adolf, Chemnitz, and W. Eller, Dessau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Apparatus for unwinding loose windings of thread. 2,200,140; May 7.
Willemain, Fernand H., Holyoke, Mass. Indicating device. 2,188,466; Jan. 30.
Willett, William M. (See Olson, J. B., and Willett.)
Willett, William M. (See Olson, J. B., Zenk, and Willett.)
Willetts, Paul G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Glass melting furnace and construction thereof. 2,186,223; Jan. 9.
Willetts, Paul G., Bolton Center, assignor to Hartford-Empire Company, Hartford, Conn. Container for molten glass. 2,203,288; June 4.
Willey, Afton E., Watts, Okla. Automatic dispensing shelf. 2,222,887; Nov. 26.
Willey, Marney B., Iowa, La., assignor to Shell Development Company, San Francisco, Calif. Method and apparatus for drilling into water covered ground. 2,217,879; Oct. 15.
Willey, Richard W. (See Richardson, B. E., and Willey.)
Willging, Louis F. (See Israel, D. D., and Willging.)
Willgoos, Andrew V. D. (See Mead, G. J., and Willgoos.)
Willgoos, Andrew V. D., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Valve. 2,186,791; Jan. 9.
Willgoos, Andrew V. D., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Engine cylinder valve. 2,191,333; Feb. 20.
Williams, Albert L., L. E. Thompson, and Roger H. Cubitt, London, England, assignors by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Manufacture of alternating electric current rectifiers. 2,201,709; May 21.
Williams, Albert L., and L. E. Thompson, London, England, assignors, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Manufacture of alternating current rectifiers of the dry surface contact type. 2,211,188; Aug. 13.
Williams, Alfred L. W., assignor to The Brush Development Company, Cleveland, Ohio. Method and apparatus for generating electrical waves. Re. 21,607; Oct. 22.
Williams, Alfred L. W., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Piezoelectric device. 2,222,056; Nov. 19.

Williams, Alfred O. (See Burrows, R. J., and Williams.)
Williams, Alfred O. (See Burrows, R. J., Williams, and Davis.)
Williams, Alfred O., assignor to Clark Equipment Company, Battle Creek, Mich. Spring unit. Re. 21,612;
Williams, Alfred O., assignor to Clark Equipment Company, Battle Creek, Mich. Spring unit. 2,205,586; June 25.
Williams, Alfred O., Battle Creek, assignor, by mesne assignments, to Clark Equipment Company, Buchanan, Mich. Door operating mechanism. 2,207,365; July 9. Oct. 29.
Williams, Alfred O., Battle Creek, Mich. Universal joint consrtuction. 2,219,142; Oct. 22.
Williams, Alfred O., Battle Creek, Mich. Universal joint. 2,219,144; Oct. 22.
Williams, Allison R., Yazoo City, Miss. Automatic vehicle control system. 2,188,293; Jan. 23.
Williams, Archie T. (See Williams, Hubert P. and A. T.)
Williams, Arthur, Munster, Ind., assignor to The Superheater Company, New York, N. Y. Shield for soot blowers. 2,192,215; Mar. 5.
Williams, Arthur F., assignor to Wils-Edge Corporation, St. Paul, Minn. Optical lens groover. 2,188,585; Jan. 30.
Williams, Arthur F., assignor to Wils-Edge Corporation, St. Paul, Minn. Eyeglasses. 2,198,852; Apr. 30.
Williams, Austin H. (See Saville, W., and Williams.)
Williams, Benjamin M. (See Beaman, G. B., and Williams.)
Williams, Bert. (See Howard, S. C., and Williams.)
Williams, Beverly E., and L. L. Cadwell, assignors to Swift and Company, Chicago, Ill. Treating carcasses. 2,214,153; Sept. 10.
Williams, C. K., & Co. (See Kent, D. W., and Van Doorninck, assignors.)
Williams, Carl B., Jr. (See Hamann, H. J., and Williams.)
Williams, Carl F. (See Brown, E. H., and Williams.)
Williams, Charles H. (See Green, T. L., and Williams.)
Williams, Charles W., Kinsman, Ohio. Wringer. 2,197,402; Apr. 16.
Williams, Chester, Dearborn, and C. A. Nogar, Dundee, Mich. Automobile towing device. 2,206,991; July 9.
Williams, Chester I., Grand Rapids, Mich. Securing device for concrete forms. 2,190,748; Feb. 20.
Williams, Clarence A. (See Hutchison, Robert, assignor.)
Williams, Clarence R., assignor to Atlantic Service Company, Inc., Brooklyn, N. Y. Grinding machine. 2,222,966; Nov. 26.
Williams, Claud H., Modesto, Calif. Scraper. 2,205,508; June 25.
Williams, Clifton S. (See Brace, P. H., and Williams.)
Williams, Curtis M., and G. L. Van Doren, Phoenix, Ariz. Bootlegproof oil can. 2,195,506; Apr. 2.
Williams, David M., Godwin, N. C. Extractor mechanism for firearms. 2,204,289; June 11.
Williams, E. Neil. (See Hudgings, Daniel W., Jr., assignor.)
Williams, Edmond G. (See Paton, J. G., and Williams.)
Williams, Edmond G. (See Perrin, M. W., Fawcett, Paton, and Williams.)
Williams, Edmund G. (See Perrin, M. W., Paton, and Williams.)
Williams, Edward. (See Aprea, A., and Williams.)
Williams, Edward R., et al. (See Greenidge, Charles T., assignor.)
Williams, Edward R., assignor, by mesne assignments, to himself and J. L. C. Williams, Latrobe, Pa. Method and apparatus for continuous metal casting. 2,187,720; Jan. 23.
Williams, Edwin A., Lansdowne, Pa., assignor to General Electric Company. Circuit interrupting device. 2,208,440; July 16.
Williams, Egerton B., assignor to The American Ship Building Company, Cleveland, Ohio. Hatch cover and actuating means. 2,186,129; Jan. 9.
Williams, Ellsworth, Danville, Ill. Reversible collapsible scissors. 2,192,725; Mar. 5.
Williams, Findley, Park Ridge, Ill., assignor to Certain-Teed Products Corporation, New York, N. Y. Pebbled surface. 2,221,890; Nov. 19.
Williams, Frank B., Chicago, Ill. Scraping and cutting tool. 2,226,794; Dec. 31.
Williams Furniture Company. (See Hubbard, Elbert B., assignor.)
Williams, George. (See Novak, G. A., and Williams.)
Williams, George A., Bay City, Mich. Treating dough. 2,194,107; Mar. 19.
Williams, George A., Los Angeles, Calif. Lip and facial rouge compact. 2,219,000; Oct. 22.
Williams, George B., Toronto, Ontario, Canada. Luminous dial. 2,194,627; Mar. 26.
Williams, George L., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Radial engine connecting rod system. 2,195,550; Apr. 2.
Williams, George L., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Torque coupling. 2,196,716; Apr. 9.
Williams, George W., Burlingame, Calif. Hollow wall structure. 2,187,959; Jan. 23.
Williams, Harney I., Baldwin, N. Y. Camera back. 2,201,511; May 21.
Williams, Harold E., Mount Pleasant, Hose, near Milton, Mowbray, assignor to Aristoc Limited, Nottinghamshire, England. Stocking and producing same. 2,216,062; Sept. 24.
Williams, Harold S., Oak Park, Ill. Magnetic cigarette and support therefor. 2,192,569; Mar. 5.
Williams, Harold W., and E. M. Bouton, assignors to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator signal and control system. 2,193,609; Mar. 12.
Williams, Harold W., Englewood, and D. H. Baum, Ridgewood, assignors to Westinghouse Electric Elevator Company, Jersey City, N. J. Inductor relay. 2,214,599; Sept. 10.
Williams, Harry E., Los Angeles, Calif., assignor, by mesne assignments, to Rock-Ola Manufacturing Corporation, Chicago, Ill. Game apparatus. 2,191,735; Feb. 27.
Williams, Harry E., and L. A. Durant, Chicago, Ill. Ball switch and bumper. 2,209,589; July 30.
Williams, Harry E., and L. A. Durant, Chicago, Ill. Combined bumper and lamp guard. 2,222,097; Nov. 19.
Williams, Harry E., and L. A. Durant, Chicago, Ill. Game apparatus. 2,226,885; Dec. 31.
Williams, Harry E., and L. A. Durant, assignors to R. T. Moloney, Chicago, Ill. Amusement game. 2,192,658; Mar. 5.
Williams, Harry M., assignor to General Motors Corporation, Dayton, Ohio. Working fluid for refrigerating apparatus. 2,187,388; Jan. 16.
Williams, Herbert L., Akron, Ohio. Film reeler for cameras. 2,217,036; Oct. 8.
Williams, Herbert L., Akron, Ohio. Reversible film magazine. 2,226,363; Dec. 24.
Williams, Howard E., Huntington Park, Calif. Automatic elevator. 2,203,118; June 4.
Williams, Howard O., Minneapolis, and W. C. Keys, St. Paul, assignors to R. R. Howell & Company, Minneapolis, Minn. Crown sheave support for drilling machines. 2,219,061; Oct. 22.
Williams, Hubert. (See Bette-Bennett, Norman F., assignor.)
Williams, Hubert P., Stamford, and A. T. Williams, Doole, Tex. Insect exterminating device. 2,201,463; May 21.
Williams, I. B., and Sons, Inc. (See Plummer, Lloyd F., assignor.)
Williams, Ira. (See Tisdale, W. H., and Williams.)
Williams, Ira, Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Derivative of hexamethylene-dithio-carbamic acid. 2,187,719; Jan. 23.
Williams, Ira, Woodstown, and C. C. Smith, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Softening rubber. 2,190,587; Feb. 13.
Williams, Ira, Woodstown, and C. C. Smith, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Softening rubber. 2,191,266; Feb. 20.
Williams, Ira, Borger, Tex., and C. C. Smith, deceased; L. L. Smith, executrix, Carney Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Softening rubber. 2,223,085; Nov. 26.
Williams, J. H., & Co. (See Kress, Willard C., assignor.)
Williams, Jack L. (See Amos, J. L., Dreisbach, and Williams.)
Williams, Jack L. (See Amos, J. L., Williams, and Winnicki.)
Williams, James H. (See Roblin, R. O., Jr., and Williams.)
Williams, James H., Wichita Falls, Tex. Fluid packing. 2,210,826; Aug. 6.
Williams, John, Palmyra, N. J. Casting metals. 2,205,327; June 18.
Williams, John C., Reno, Nev., assignor to John C. Williams Corporation. Valve. 2,187,257; Jan. 16.
Williams, John C., Reno, Nev., assignor to J. C. Williams Corporation. Automatic control means for dredge buckets. 2,217,629; Oct. 8.
Williams, John C., Corporation. (See Williams, John C., assignor.)
Williams, John D., Newport News, Va., assignor to Kearfott Engineering Co., Inc., New York, N. Y. Window construction. 2,219,461; Oct. 29.
Williams, John H., New York, N. Y. Portable table and utility cabinet. 2,190,498; Feb. 13.
Williams, John H., Jr., Providence, R. I. Winding apparatus. 2,222,189; Nov. 19.
Williams, John H., and S. Ackal, New Iberia, La. Oil well fishing tool. 2,207,649; July 9.
Williams, John J., and J. Bauman, assignors to Hazel-Atlas Glass Company, Wheeling, W. Va. Method and apparatus for forming metal closures. 2,215,731; Sept. 24.
Williams, John J., and J. Bauman, assignors to Hazel-Atlas Glass Company, Wheeling, W. Va. Method and apparatus for forming metal closures. 2,215,845; Sept. 24.
Williams, John L., assignor to Gardiner's Conveyers Limited, Bermondsey, London, England. Milling machinery. 2,203,273; June 4.
Williams, Julia L. C., et al. (See Greenidge, Charles T., assignor.)
Williams. Julia L. C., et al. (See Williams, Edward R., assignor.)

Williams, Karl D. (See Jeans, H. S., and Williams.)
Williams, Karl D., Washington, D. C. Protection of steel shafting against corrosion. 2,217,719; Oct. 15.
Williams, Lawrence S. (See Marshall, C. O., and Williams.)
Williams, Lawrence S., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Counting scale. 2,193,660; Mar. 12.
Williams, Lawrence S., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Indicating device. 2,198,714; Apr. 30.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Indicating device. 2,211,189; Aug. 13.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,217,244; Oct. 8.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Scale indicating means. 2,223,773; Dec. 3.
Williams, Lee B., Pittsburgh, Pa. Propeller. 2,211,996; Aug. 20.
Williams, Leo C., assignor to Dexter Folder Company, Pearl River, N. Y. Sheet feeding apparatus. 2,222,009; Nov. 19.
Williams, Leslie J., Pontiac, Mich. Electric light fixture. 2,187,846; Jan. 23.
Williams, Lewis W., Short Hills, assignor to Motor Improvements, Inc., Newark, N. J. Filtering unit and making the same. 2,186,440; Jan. 9.
Williams, Lewis W., Short Hills, assignor to Motor Improvements, Inc., Newark, N. J. Filter. 2,218,226; Oct. 15.
Williams, Lewis W., Short Hills, assignor to Motor Improvements, Inc., Newark, N. J. Filter. 2,218,800; Oct. 22.
Williams, Lewis W., Short Hills, N. J., assignor to Motor Improvements, Inc., Newark, N. J. Filter. 2,225,813; Dec. 24.
Williams, Lewis W., Short Hills, and G. A. Arnold, Chatham, assignors to Motor Improvements, Inc., Newark, N. J. Filter. 2,201,418; May 21.
Williams, Lisle C., Memphis, Tenn. Venetian blind. 2,206,796; July 2.
Williams, Lynn A., Jr. (See Davis, E. W., and Williams.)
Williams, Maurice D., Nelsonville, Ohio, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for operating upon sheet material. 2,201,278; May 21.
Williams, Merrel O., Liverpool, assignor to Automatic Telephone & Electric Company, London, England. Baffle for light sensitive control apparatus. 2,203,761; June 11.
Williams, Norman D. (See Whittier, W. A., Williams, and Moir.)
Williams, Norman R. (See Farrell, W. A., Williams, and Calihan.)
Williams Oil-O-Matic Heating Corporation. (See Ropp, Chester A., assignor.)
Williams Oil-O-Matic Heating Corporation. (See Simmons, Aaron T., assignor.)
Williams Oil-O-Matic Heating Corporation. (See Taylor, Lamond L., assignor.)
Williams, Ona, Chicago, and H. Ward, Oak Park, assignors to Sears, Roebuck and Co., Chicago, Ill. Combined container and cradle. 2,196,512; Apr. 9.
Williams, Paul G., and K. C. Welch, assignors to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Store furniture. 2,208,237; July 16.
Williams, Paul H., J. R. Ganger, W. H. Petit, and J. T. Davidson, assignors to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,189.851; Feb. 13.
Williams, Peter A., Northridge, Calif., assignor to Ingersoll-Rand Company, Jersey City, N. J. Drilling tool. 2,215,948; Sept. 24.
Williams, Ray W., Blue Island, assignor to United Conveyor Corporation, Chicago, Ill. Dust filter. 2,215,282; Sept. 17.
Williams, Reginald V., Buffalo, N. Y. Precious metal alloy. 2,198,400; Apr. 23.
Williams, Robert A., Denver, Colo., assignor to C. E. Burns, Stamford, Conn. Electric shaver guard and cleaner. 2,192,726; Mar. 5.
Williams, Robert B., East St. Louis, Ill. Bicycle signal switch. 2,198,144; Apr. 23.
Williams, Robert C., assignor to The Ironsides Company, Columbus, Ohio. Lubricating emulsion. 2,199,146; Apr. 30.
Williams, Robert C., assignor to The Ironsides Company, Columbus, Ohio. Heat insulating foam and using same. 2,214,358; Sept. 10.
Williams, Robert C., and J. F. Hall, assignors to The Ironsides Company, Columbus, Ohio. Binder for fibrous materials. 2,223,086; Nov. 26.
Williams, Robert D., Memphis, Tenn., assignor to Fairbanks, Morse & Co., Chicago, Ill. Utilization of waste engine heat. 2,200,379; May 14.
Williams, Robert E., The Dalles, Oreg. Garment bagger. 2,201,843; May 21.
Williams, Robert G., Toledo, assignor to Fulton Manufacturing Corporation, Wauseon, Ohio. Flashlight. 2,225,936; Dec. 24.
Williams, Robert R., Roselle, N. J., assignor to Research Corporation, New York, N. Y. Pyrimidine compound. 2,194,190; Mar. 19.
Williams, S. Norman, Merion, and W. E. Higginbottom, Radnor, assignors to Benjamin C. Betner Company, Devon, Pa. Sealed bag and producing it. 2,197,490; Apr. 16.
Williams, Samuel B., Brooklyn, assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Telephone system. 2,205,551; June 25.
Williams Samuel H., Burlington Junction, Mo. Automatic direction signal for automobiles. 2,202,241; May 28.
Williams, Samuel L. (See Sinclair, J. J., and Williams.)
Williams, Sumner H., assignor to General Dyestuff Corporation, Charlotte, N. C. Dyeing fabric. 2,199,233; Apr. 30.
Williams, Timothy F., Chicago, Ill. Extensible antenna. 2,222,588; Nov. 19.
Williams, Vernon H. (See Taylor, J., and Williams.)
Williams, Victor G., et al. (See Delamere, Rudolf D., assignor.)
Williams, W. Horace, Company. (See Cappel, Curry G., assignor.)
Williams, W. N. (See Wight, Frank H., assignor.)
Williams, Walter. (See Perry, George S., assignor.)
Williams, Walter E., assignor to E. J. Tietjen, O. D., Jefferson City, Mo. Lady's health brassière and health protector. 2,222,523; Nov. 19.
Williams, Walter R., Sr., Danville, Ga. Saw set. 2,225,141; Dec. 17.
Williams, Walter W., Bloomington, Ill. Dispensing apparatus. 2,189,157; Feb. 6.
Williams, Walter W., Bloomington, Ill. Seal for rotary pump bearings. 2,215,629; Sept. 24.
Williams, Walter W., Bloomington, Ill. Fluid fuel burning apparatus. 2,223,435; Dec. 3.
Williams, William E., Hampstead, London, England. Making dies for plastic lenses. 2,206,797; July 2.
Williams, William E., assignor to Yellow Truck & Coach Manufacturing Company, Pontiac, Mich. Door operating mechanism. 2,198,796; Apr. 30.
Williams, William E., Los Angeles, Calif., assignor, by mesne assignments, to L. C. Rogers, Niles, Mich. Wringer mop. 2,224,462; Dec. 10.
Williams, William M. (See Berry, E. G., Hazle, and Williams.)
Williams, William M. (See Berry, E. G., and Williams.)
Williams, William M., and E. G. Berry, assignors to B. F. Gump Co., Chicago, Ill Apparatus for treating granulated coffee. 2,202,936; June 4.
Williams, Winfield S. (See Olson, G., and Williams.)
Williamson, Archie O., Minneapolis, Minn. Double duty snow plow. 2,188,800; Jan. 30.
Williamson, David M., Baltimore, Md., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,220,808; Nov. 5.
Williamson, Floyd M., Detroit, Mich. Vanity case. 2,190,538; Feb. 13.
Williamson, John A., assignor to The Carborundum Company, Niagara Falls, N. Y. Manufacture of granular coated materials. 2,201,196; May 21.
Williamson, John A., assignor to The Carborundum Company, Niagara Falls, N. Y. Manufacture of abrasive coated products. 2,225,937; Dec. 24.
Williamson, Larkin R., Cincinnati, Ohio, assignor to The National Machinery Company, Tiffin, Ohio. Forging press control. 2,210,227; Aug. 6.
Williamson, Larkin R., Cincinnati, Ohio, assignor to E. W. Bliss Company, Brooklyn, N. Y. Clutch and brake unit. 2,221,014; Nov. 12.
Williamson, Russell R., Dayton, Ohio. Form for displaying clothing. 2,204,876; June 18.
Williamson, Samuel W., Upper Providence Township, Delaware County, Pa. Building block. 2,198,688; Apr. 30.
Willing, Joseph E., assignor to General Railway Signal Company, Rochester, N. Y. Signaling system for railroads. 2,201,018; May 14.
Willing, Mark S., Mount Holly, Va., assignor of two and one-half per cent to C. L. Davis, Washington, D. C., and thirty-three and one-third per cent to H. J. Neale, Richmond, Va. Preventing soil erosion. 2,201,279; May 21.
Willing, Mark S., Mount Holly, Va., K. Scribner, and R. Morders, Washington, D. C., assignors of two and one-half per cent to M. L. Faber and two and one-half per cent to C. L. Davis, Washington. D. C. Parachute. 2,214,569; Sept. 10.
Willis, Bernard D., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,216,528; Oct. 1.
Willis, Bernard D., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic switching system. 2,222,131; Nov. 19.
Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric fence. 2,196,046; Apr. 2.
Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric valve frequency converting system. 2,225,360; Dec. 17.
Willis, Ellsworth D., Lansing, Mich. Electric fence. 2,198,715; Apr. 30.
Willis, Horace H., New Rochelle, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Data transmission and control system. 2,203,478; June 4.
Willis, Kirk P., Houston, Tex. Door stop. 2,196,047; Apr. 2.

Willis, Robert S., Long Beach, Calif. Flow control device. 2,219,504; Oct. 29.
Willis, Rolland E., assignor to E. Brown, Los Angeles, Calif. Reglet. 2,226,886; Dec. 31.
Willis, Russell L., Steubenville, Ohio. Game apparatus. 2,204,199; June 11.
Willison, Ernest. (See Dawson, A. J., and Willison.)
Willison, Ernest, Sewickley, Pa., assignor to Dravo Corporation. Hatch cover. 2,226,839; Dec. 31.
Willman, Charles A., et al. (See Anderson, Christ, assignor.)
Willmann, Hans H., Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,192,059; Feb. 27.
Willmann, Hans H., Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,217,462; Oct. 8.
Willmoth, Taylor, Bellevue, Ky. Tie. 2,185,615; Jan. 2.
Willmott, Herbert J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Felmington, N. J. Flexing machine. 2,198,691; Apr. 30.
Willmott, Herbert J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Flap-applying machine. 2,198,692; Apr. 30.
Willmott, Herbert J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Relasting machine. 2,211,804; Aug. 20.
Willmott, Herbert J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Work support. 2,223,474; Dec. 3.
Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Outlet valve. 2,201,805; May 21.
Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Friction buffer and drawhead. 2,208,238; July 16.
Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Metallic car door. 2,226,681; Dec. 31.
Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Corrugated panel structure. 2,226,682; Dec. 31.
Wills, Arnold F., Burnham-on-Sea, assignor to W. & F. Wills, Limited, Bridgewater, England. Extruding machine for clay, soap, and other plastic materials. 2,205,328; June 18.
Wills, Charles A., Omaha, Nebr. Lathe carriage. 2,194,729; Mar. 26.
Wills, Child H., Grosse Pointe Farms, assignor to Chrysler Corporation, Highland Park, Mich. Piston and making the same. 2,198,689; Apr. 30.
Wills, Kurt H. (See Bickel, C. A., and Wills.)
Wills, Marion C. (See Henry, A. R., and Wills.)
Wills, Marion V., New Philadelphia, Ohio. Apparatus for flushing crankcases of automobiles. 2,213,480; Sept. 3.
Wills, W. & F., Limited. (See Wills, Arnold F., assignor.)
Wills, Walter P., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,192,022; Feb. 27.
Wills, Walter P., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,209,369; July 30.
Wills, Walter P., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,215,805; Sept. 24.
Willson, Corwin D., Flint, Mich. Spring suspension for vehicles. 2,194,964; Mar. 26.
Willson, Herbert S., assignor to Corning Glass Works, Corning, N. Y. Internally frosted glass article and making it. 2,202,326; May 28.
Willson, Joseph P. (See Loop, Arch R., assignor.)
Willson, Lester E., Streator, Ill. Building wall structure. 2,191,267; Feb. 20.
Willwacher, Erwin. (See Rahn, E., and Willwacher.)
Wilman, Zygmunt, Courbevoie, Seine, France. Muffler. 2,185,489; Jan. 2.
Wilmanns, Gustav. (See Riester, O., and Wilmanns.)
Wilmanns, Gustav, Wolfen, Kreis Bitterfeld, and K. Kumetat, A. Fröhlich, W. Schneider, and R. Brodersen, Dessau, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Manufacture of photographic silver halide emulsions. 2,186,849; Jan. 9.
Wilmanns, Gustav, Wolfen, Kreis Bitterfeld, A. Sieglitz, Frankfort-on-the-Main-Hochst, and A. Fröhlich, Dessau in Anhalt, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Color photography. 2,186,850; Jan. 9.
Wilmanns, Gustav, Wolfen, Kreis Bitterfeld, W. Schneider and A. Fröhlich, Dessau, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Color photography. 2,186,851; Jan. 9.
Wilmanns, Gustav, Wolfen, Kreis Bitterfeld, and W. Schneider, Dessau, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Photographic silver halide emulsions. 2,186,852; Jan. 9.
Wilmanns, Gustav, Wolfen, Kreis Bitterfeld, W. Dieterle, Dessau-Ziebigk, and H. Kobs, Berlin-Charlottenburg, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Dyestuffs of the cyanine series. 2,194,213; Mar. 19.
Wilmanns, Gustav, Wolfen (Kreis Bitterfeld), and W. Schneider, and A. Froehlich, Dessau, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Photographic filter layer. 2,205,870; June 25.
Wilmanns, Gustav, Wolfen, and W. Schneider, Dessau, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Filter layer for photographic color films and plates. 2,220,187; Nov. 5.
Wilmanns, Gustav, Wolfen, Kreis Bitterfeld; W. Schneider, Dessau; and G. von Kujawa, Leipzig, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Color photography. 2,224,329; Dec. 10.
Wilmington Trust Company, The, executor. (See Carothers, Wallace H.)
Wilmore, Charles C., Wheatridge, Colo. Tree transporting and transplanting device. 2,198,690; Apr. 30.
Wilms, Martin, San Francisco, Calif. Cigarette package cutter. 2,220,309; Nov. 5.
Wilputte, Adele J. (See Pavitt, William H., assignor.)
Wilputte, Louis, executor. (See Pavitt, William H.)
Wilputte, Louis. (See Potter, Joel S., assignor.)
Wilputte, Louis, New Rochelle, N. Y. Horizontal coking chamber end closure. 2,209,590; July 30.
Wils-Edge Corporation. (See Williams, Arthur F., assignor.)
Wilsey, Irven H., assignor of forty-five per cent to J. H. Sharp and ten per cent to E. W. Hibbard, Chicago, Ill. Game apparatus. Re. 21,538; Aug. 20.
Wilsnack, George C., Easton, Pa., assignor of one-half to Edison Cement Corporation, New Village, N. J., and one-half to Binney & Smith Company, New York, N. Y. Cement manufacture. 2,186,792; Jan. 9.
Wilson, Abbie J., Orono, Maine. Portable bathhouse. 2,188,213; Jan. 23.
Wilson, Albert G., and W. Kesemann, Ventura, Calif.; said Kesemann assignor to said Wilson. Measuring instrument. 2,217,088; Oct. 8.
Wilson, Allan M, Clydebank, Scotland. Soot blower. 2,200,663; May 14.
Wilson, Allen B. (See Lawson, G. C., and Lindquist, assignors.)
Wilson, Allen B., Evanston, assignor to Acme Steel Company, Chicago, Ill. Container and forming same. 2,192,424; Mar. 5.
Wilson, Arlene. (See Burkart, Rudolph G., assignor.)
Wilsher, Arlin R. (See Bristol, G., and Wilsher.)
Wilson & Bennett Manufacturing Co. (See Gustafson, Charles J., assignor.)
Wilson & Bennett Manufacturing Company. (See Severy, Victor H., assignor.)
Wilson, Brainard M., assignor of one-half to W. E. Bowersock, Rochester, N. Y. Scoring method and tool. 2,223,503; Dec. 3.
Wilson Cabinet Corporation. (See Markley, R., Jr., and Cook, assignors.)
Wilson, Carroll L., Framingham Center, Mass., assignor to Electra Corporation, Wilmington, Del. Cigarette package. 2,202,279; May 28.
Wilson, Carroll L., Framingham, Mass., assignor to Electra Corporation, Wilmington, Del. Cigarette package. 2,202,280; May 28.
Wilson, Carroll L., Brookline, Mass., assignor to Electra Corporation, Wilmington, Del. Cigarette package. 2,202,281; May 28.
Wilson, Charles S., Miami, Fla. Lock-up set. 2,186,512; Jan. 9.
Wilson, Clarence W., Norco, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Preparation of insecticidal materials from alkaloids and pectic acid. 2,207,185; July 9.
Wilson, Claude J., Holmes, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine joint seal structure. 2,211,874; Aug. 20.
Wilson & Co. (See Bowers, William W., assignor.)
Wilson & Co. (See Dimond, Lloyd E., assignor.)
Wilson, Donald B. (See Buckner, O. S., and Wilson.)
Wilson, Donald E., Ypsilanti, Mich. Oil burner. 2,208,150; July 16.
Wilson, Dustin W. (See Chute, S. J., and Wilson.)
Wilson, Dustin W. (See Roberts G., Jr., Wilson, and Keith.)
Wilson, Dustin W., Scarsdale, N. Y., and S. J. Chute, Ridgewood, N. J., assignors to The M. W. Kellogg Company, New York, N. Y. Contact chamber. 2,198,555; Apr. 23.
Wilson, Dustin W., Scarsdale, N. Y., and S. J. Chute, Ridgewood, N. J., assignors to The M. W. Kellogg Company, New York, N. Y. Contact chamber. 2,219,214; Oct. 22.
Wilson, Earl D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Selenium contact electrode. 2,193,610; Mar. 12.
Wilson, Edward T., Jr., Highland Park, N. J. Disposable diaper holder. 2,201,255; May 21.
Wilson, Edwin T., Rochester, assignor to A & S Ribbon Company, New York, N. Y. Waterproof material and producing the same. 2,216,306; Oct. 1.
Wilson Engineering Corporation. (See Wilson, Lyndon F., assignor.)

Wilson, Ernest E., General Motors Proving Ground, near Milford, Mich., assignor to General Motors Corporation, Detroit, Mich. Resonator silencer. 2,214,894; Sept. 17.
Wilson Fastener Company. (See Hartnett, John F., assignor.)
Wilson, Forest C., Milwaukee, Wis. Sewing machine. 2,197,599; Apr. 16.
Wilson, Fred D., and L. S. Burns, assignors to Western-Austin Company, Aurora, Ill. Self-propelled road machine. 2,195,607; Apr. 2.
Wilson, Frederic H. (See Brown, C. P., and Wilson.)
Wilson, Gordon T. (See Kupka, J. J., and Wilson.)
Wilson, Guy K. (See Smith, E. F., and Wilson.)
Wilson, H. A., Company, The. (See Burns, Robert H., assignor.)
Wilson, H. A., Company, The. (See Lane, George S., assignor.)
Wilson, H. A., Company, The. (See Lincoln, Mark, assignor.)
Wilson, Harold M., assignor to Metals & Controls Corporation, Attleboro, Mass. Thermostat. 2,203,558; June 4.
Wilson, Harry T. (See Laughter, Victor H., assignor.)
Wilson, Harvey, Gainesville, Ga. Automatic door lock. 2,189,748; Feb. 6.
Wilson, Henry, assignor to The Process Rubber Corporation, New Orleans, La. Rubber compound. 2,221,304; Nov. 12.
Wilson, Herman I. (See Anné, C. T., Wilson, and Patterson.)
Wilson, Herman I. (See Mangelsdorf, T. A., Anné, and Wilson.)
Wilson, Howard, Brooklyn, assignor to Kastar Incorporated, New York, N. Y. Contact filing device. 2,187,292; Jan. 16.
Wilson-Imperial Company. (See Geng, Charles J., assignor.)
Wilson, Ira G. (See Edson, J. O., and Wilson.)
Wilson, Ira G., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave amplifying system. 2,188,671; Jan. 30.
Wilson, Ira G., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing feedback amplifier. 2,195,439; Apr. 2.
Wilson, Ira G., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal transmission system. 2,208,617; July 23.
Wilson, Ira J. (See Friestedt, Arthur A., assignor.)
Wilson, Ivan V., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Prepared resin. 2,193,792; Mar. 19.
Wilson, James K. (See Bancroft, W. D., Wilson, and Rutzler.)
Wilson, John, Birmingham, England, assignor to The American Securit Company, Wilmington, Del. Tempering glass. 2,194,730; Mar. 26.
Wilson, John A., and N. H. Sutterfield, assignors to The Timken-Detroit Axle Company, Detroit, Mich. Liquid fuel burning apparatus. 2,220,858; Nov. 5.
Wilson, John C. (See Wheeler, H. A., and Wilson.)
Wilson, John C., Bayside, N. Y., assignor to Hazeltine Corporation. Electric timing system. 2,188,970; Feb. 6.
Wilson, John C., Bayside, N. Y., assignor to Hazeltine Corporation. Scanning-wave generator synchronizing system. 2,198,983; Apr. 30.
Wilson, John C., Bayside, N. Y., assignor to Hazeltine Corporation. Television automatic amplification control system. 2,214,846; Sept. 17.
Wilson, John C., Bayside, N. Y., assignor to Hazeltine Corporation. Automatic amplification and black level control for television receivers. 2,214,847; Sept. 17.
Wilson, John C., Bayside, N. Y., assignor to Hazeltine Corporation. Periodic wave generator. 2,221,015; Nov. 12.
Wilson, John C., Bayside, N. Y., assignor to Hazeltine Corporation. Periodic wave generator. 2,221,665; Nov. 12.
Wilson, John C., Bayside, N. Y., assignor to Hazeltine Corporation. Periodic wave repeater. 2,221,666; Nov. 12.
Wilson, John H., Wichita Falls, Tex. Liquid cooled brake. 2,191,604; Feb. 27.
Wilson, John H., Wichita Falls, Tex. Structural steel derrick. 2,221,067; Nov. 12.
Wilson, John H., North Platte, Nebr. Automatic valve for traveling lawn sprinklers. 2,218,964; Oct. 22.
Wilson, John N., Washington, Pa., assignor to Frazier-Simplex, Inc. Heat treatment and heat-treating furnace. 2,215,342; Sept. 17.
Wilson-Jones Company. (See Bacon, Elmer W., assignor.)
Wilson-Jones Company. (See Buenger, Edward F., assignor.)
Wilson-Jones Company. (See Michael, Daniel K., assignor.)
Wilson-Jones Company. (See Nelson, William, assignor.)
Wilson-Jones Company. (See Pitt, William, assignor.)
Wilson-Jones Company. (See St. Louis, Charles V., assignor.)
Wilson-Jones Company. (See Unger, Paul O., assignor.)
Wilson-Jones Company. (See Unger, P. O., Law, and Talmage, assignors.)
Wilson-Jones Company. (See Unger, P. O., and Wedge, assignors.)
Wilson-Jones Company. (See Walters, Enoch, assignor.)
Wilson, Joseph T., Pitman, N. J., assignor to International Business Machines Corporation, New York, N. Y. Card selecting machine. 2,195,845; Apr. 2.
Wilson, Lee, and J. C. Woodson, assignors to Lee Wilson Engineering Co., Cleveland, Ohio. Apparatus for heating fluids. 2,206,378; July 2.
Wilson, Lee, Engineering Co. (See Wilson, L., and Woodson, assignors.)
Wilson, Lee Sales Corporation. (See Woodson, James C., assignor.)
Wilson, Leon R., Needham, Mass., assignor to General Printing Ink Corporation, New York, N. Y. Packaging mechanism. 2,220,381; Nov. 5.
Wilson, Leonidas, Cincinnati, Ohio. Flue lining. 2,213,354; Sept. 3.
Wilson Lighting Inc. (See Wilson, Wesley, assignor.)
Wilson, Lorenz H., assignor to Sharon Steel Corporation, Sharon, Pa. Electrically pickling and cleaning stainless steel and other metals. 2,197,653; Apr. 16.
Wilson, Lucius E., and E. E. Baughn, Pinckney, Mich. Tractor attachment for automobiles. 2,199,684; May 7.
Wilson, Lyndon F., assignor to Wilson Engineering Corporation, Chicago, Ill. Locomotive gear drive. 2,186,355; Jan. 9.
Wilson, Marion J. (See May, William H., assignor.)
Wilson, Mark K., Chattanooga, Tenn. Liquid mixing machine. 2,187,065; Jan. 16.
Wilson, Martha A., executrix. (See Wilson, Thomas C.)
Wilson, Nolan E., Homer, La., assignor to I. C. Rinn, Chicago, Ill. 2,186,891; Jan. 9.
Wilson, Oscar C., assignor of one-half to Erlanger Cotton Mills Company, Lexington, N. C. Spinning mechanism. 2,201,844; May 21.
Wilson, Paul, D., Danville, Ill. Apparatus for retreading vehicle tires. 2,205,939; June 25.
Wilson, Peggy. (See Hoyer, H. H., and Wilson.)
Wilson, Philip J., Jr. (See Wells, J. H., and Wilson.)
Wilson, Ralph W., New York, N. Y. Closure for containers. 2,185,284; Jan. 2.
Wilson, Ray O. (See Paterson, E. M., and Wilson.)
Wilson, Richard E., Oakland, Calif. Fishing-reel brake. 2,205,641; June 25.
Wilson, Robert A., Dallas, Tex. Valve-in-head packer. 2,223,839; Dec. 3.
Wilson, Robert A., assignor to Kibele Manufacturing Company, Dallas, Tex. Gas release valve for wells. 2,205,739; June 25.
Wilson, Robert A., and R. A. Smith, assignors to Kibele Manufacturing Company, Dallas, Tex. Well pumping device. 2,200,943; May 14.
Wilson, Robert E., White Plains, N. Y., assignor to Standard Oil Company (Indiana), Chicago, Ill. Heater construction. 2,211,708; Aug. 13.
Wilson, Rosser L., Mahwah, N. J., assignor to The American Brake Shoe and Foundry Company, New York, N. Y. Determining the acceleration or deceleration of moving bodies. 2,193,910; Mar. 19.
Wilson, Rosser L., Mahwah, N. J., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Brake element. 2,215,572; Sept. 24.
Wilson, Sherman B., Detroit, Mich. Metal cleaner. 2,216,928; Oct. 8.
Wilson Sporting Goods Company. (See Davis, C. C., and Gregory, assignors.)
Wilson, Stanmore V. (See Gillis, R., and Wilson.)
Wilson, Steven B., Newton, Mass., assignor to Fram Corporation. Clarity inspector for lubricating oil. 2,224,123; Dec. 3.
Wilson Supply Company. (See Nixon, Jeddy D., assignor.)
Wilson, Thomas C., deceased, by M. A. Wilson, executrix, Rockville Centre, N. Y. Tube cleaner and element thereof. 2,221,853; Nov. 19.
Wilson, Thomas C., Inc. (See Schott, Donald E., assignor.)
Wilson, Thomas L., Upper Montclair, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Classification of mixed divided material. 2,220,985; Nov. 12.
Wilson, Vincent E. (See Bagshaw, C. M., Wilson, and Hallam.)
Wilson, Wesley, Chicago, Ill. Structural joint construction. 2,210,697; Aug. 6.
Wilson, Wesley, assignor to Wilson Lighting Inc., Chicago, Ill. Lighting fixture. 2,200,611; May 14.
Wilson, Wilbert G. (See Gewin, William M., assignor.)
Wilson, William B., assignor to Sterling Products Company, Los Angeles, Calif. Sanding and rubbing device. 2,202,072; May 28.
Wilson, William C., Perth Amboy, N. J. Vehicle mudguard. 2,197,328; Apr. 16.
Wilson, William C., and P. H. Yoder, assignors to Pyroxylin Products, Inc., Chicago, Ill. Protective composition and use thereof. 2,216,362; Oct. 1.
Wilson, William H., Los Angeles, Calif. Treating the butt ends of vegetables. 2,215,446; Sept. 17.
Wilson, William S., Brookline, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Activation of clays. 2,192,000; Feb. 27.
Wilson, William S., Brookline, Mass., assignor, by mesne assignments, to Monsanto Chemical Company. Manufacture of alkali sulphate. 2,208,175; July 16.

Wilson, William S., Brookline, and N. A. Sargent, Woburn, Mass., assignors, by mesne assignments, to Monsanto Chemical Company. Manufacture of anhydrous aluminum sulphate. 2,211,805; Aug. 20.
Wilson, Woodrow, et al. (See Francis, George W., Sr., assignor.)
Wilson, Wylie G., Elizabeth, N. J. Reciprocating valve. 2,192,339; Mar. 5.
Wilsted, Roland G. (See Todd, E. T., and Wilsted.)
Wilt, Vernon K., assignor to Kelco Company, Los Angeles, Calif. Alginated evaporated milk and making same. 2,223,277; Nov. 26.
Wiltse, Sumner, assignor to A. S. Allen, Detroit, Mich. Fluid line connection. 2,226,039; Dec. 24.
Wimberley, Reba J. (See Ewell, Elvin A., assignor.)
Wimer, Michael, St. Louis, Mo. Supporting and adjusting mechanism for suspended gymnastic apparatus. 2,197,600; Apr. 16.
Wimmer, Glen E. (See Morrison, R. F., and Wimmer.)
Wimmer, Glen E., assignor to Ditto, Incorporated, Chicago, Ill. Sheet feeding apparatus. 2,204,715; June 18.
Wimpey, Adin B. (See Russell, F., and Wimpey.)
Wimsatt, Thomas W., Kansas City, Mo. Wood splitting tool. 2,190,902; Feb. 20.
Winans, Charles F., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Dibenzyl hexahydro phthalate. 2,189,721; Feb. 6.
Winans, Charles F., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Esters of hexahydrophthalic acid. 2,189,722; Feb. 6.
Winans, Charles F., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Antioxidant. 2,200,525; May 14.
Winans, Charles F., Fairlawn, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Preparing secondary amines. 2,217,630; Oct. 8.
Winans, Charles F., Fairlawn, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Dehydrogenation of alcohols. 2,218,457; Oct. 15.
Winans, Fonville. (See Ege, E. G., and Winans.)
Winans, Theodore F., Baton Rouge, La. Automatic film processing machine. 2,194,345; Mar. 19.
Winans, William M., Monrovia, Calif. Garage door. 2,191,363; Feb. 20.
Winberg, Travis W., Beaumont, Tex. Valve for dispensing apparatus. 2,201,752; May 21.
Winborn, Eleanor L. (See Choppin, A. R., and Winborn.)
Winburn, Abraham, Brooklyn, N. Y. Cigarette package. 2,205,509; June 25.
Wincharger Corporation. (See Albers, John R., assignor.)
Wincharger Corporation. (See Arndt, Ernest A., assignor.)
Winchenbach, Walter W. (See Thompson, Willis F., assignor.)
Winchester, Armstead C., Los Angeles, Calif., assignor to Radio Keith Orpheum Corporation. Camera focusing apparatus. 2,208,403; July 16.
Windberger, Othmar, Steyr, Austria. Motor vehicle. 2,195,688; Apr. 2.
Windecker, Charles E., et al., executors. (See Windecker, Clifton N. and R. E.)
Windecker, Clifton N. and R. E., Painesville, Ohio; R. E. Windecker, I. W. Alonso, and C. E. Windecker, executors of said C. N. Windecker, deceased. Ammonia soda process. 2,189,826; Feb. 13.
Windecker, Robert E. (See Windecker, Clifton N. and R. E.)
Windelband, Hedi, administratrix. (See Winter, E., Lückerath, and Windelband.)
Windelband, Paul. (See Winter, E., Lückerath, and Windelband.)
Winder, George L., Cuyahoga Falls, assignor to American Anode Inc., Akron, Ohio. Catheter. 2,210,744; Aug. 6.
Winder, Samuel E., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Glassware forming method and apparatus. 2,198,750; Apr. 30.
Winder, Samuel E., Baltimore, Md., assignor of one-half to H. C. Daubenspeck, Columbus, Ohio. Narrow neck bottle forming machine. 2,205,261; June 18.
Winders, Robert C., Los Angeles, Calif. Inner spring structure. 2,226,040; Dec. 24.
Windheim, Fred T. and J., Nutley, N. J. Water heater. 2,189,749; Feb. 13.
Windheim, John. (See Windheim, Fred T. and J.)
Windisch, Kurt. (See Bockmühl, M., Krohs, Racke, and Windisch.)
Windle, Winfred W., Millbury, Mass. Wool duster. 2,217,851; Oct. 15.
Windsor, John F., Chicago, and C. Mark, Jr., Evanston, assignors to Clayton Mark & Company, Chicago, Ill. Electric welding. 2,188,326; Jan. 30.
Wine, William E., Toledo, Ohio. Railway hopper car. 2,197,443; Apr. 16.
Wine, William E., Toledo, Ohio. Fluid pressure braking apparatus. 2,218,692; Oct. 22.
Wine, William E., Toledo, Ohio. Control mechanism for empty and load brake. 2,218,693; Oct. 22.
Wine, William E., Toledo, Ohio, and C. Hankins, Washington, D. C. Railway car. 2,197,444; Apr. 16.
Winebrenner, Robert E., Hanover, Pa. Stencil blank holder. 2,190,499; Feb. 13.
Winegar, Edmund M., assignor to The Ohio Rubber Company, Willoughby, Ohio. Press. 2,222,732; Nov. 26.
Winegar, Hubbard H., Palatka, Fla. Metalworking attachment for lathes. 2,224,531; Dec. 10.
Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Lubricating apparatus. 2,190,580; Feb. 13.
Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Lubricating apparatus. 2,190,581; Feb. 13.
Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Expansible chamber motor. 2,195,207; Mar. 26.
Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Pumping apparatus. 2,224,463; Dec. 10.
Wineman, Wade H., Coolspring Township, La Porte County, Ind., assignor to Sullivan Machinery Company. Valve mechanism. 2,195,205; Mar. 26.
Wineman, Wade H., Coolspring Township, La Porte County, Ind., assignor to Sullivan Machinery Company. Fluid motor. 2,195,206; Mar. 26.
Winfree, Harry R., Tad, W. Va. Railway car anchoring device. 2,195,762; Apr. 2.
Wing, Russell T., Minneapolis, Minn. Fountain pen. 2,187,528; Jan. 16.
Wingard, Charles L., Portland, Oreg. Holding together parts having telescopic engagement. 2,189,644; Feb. 6.
Winger, Stover C., assignor to G. H. Hall, Los Angeles, Calif. Variable speed mechanism. 2,223,711; Dec. 3.
Winger, Stover C., and L. K. Loehr, assignors to G. H. Hall, Los Angeles, Calif. Variable ratio transmission. 2,209,497; July 30.
Wingfoot Corporation. (See Anderson, M. G., and George, assignors.)
Wingfoot Corporation. (See Calvert, William C., assignor.)
Wingfoot Corporation. (See Clifford, Albert M., assignor.)
Wingfoot Corporation. (See Haase, Jorgen I., assignor.)
Wingfoot Corporation. (See Hardman, Albert F., assignor.)
Wingfoot Corporation. (See Keller, Parry, assignor.)
Wingfoot Corporation. (See Kimmich, Elmer G., assignor.)
Wingfoot Corporation. (See Lauter, Werner M., assignor.)
Wingfoot Corporation. (See Lichty, Joy G., assignor.)
Wingfoot Corporation. (See MacCracken, Alan L., assignor.)
Wingfoot Corporation. (See Manchester, Frank H., assignor.)
Wingfoot Corporation. (See Merrill, James A., assignor.)
Wingfoot Corporation. (See Scott, Winfield, assignor.)
Wingfoot Corporation. (See Sebrell, Lorin B., assignor.)
Wingfoot Corporation. (See Swain, Joseph G., assignor.)
Wingfoot Corporation. (See Watt, George W., assignor.)
Wingfoot Corporation. (See Winans, Charles F., assignor.)
Wingfoot Corporation. (See Wolfe, William D., assignor.)
Winkel, Herbert C., Chicago, Ill., assignor of one-half to A. C. Yerkey. Mechanism for severing grids. 2,207,650; July 9.
Winkel, Mabel, New York, N. Y. Shoe. 2,188,168; Jan. 23.
Winkeler, Hermann, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline & Film Corporation. Dyeing mixed fabrics. 2,212,628; Aug. 27.
Winkelmann, Herbert A. (See Ide, R. W., Jr., and Winkelmann.)
Winkelmann, Herbert A., assignor to Marbon Corporation, Chicago, Ill. Scrap rubber treatment and reactions. 2,208,441; July 16.
Winkelmann, Herbert A., assignor to Marbon Corporation, Chicago, Ill. Purifying rubber hydrohalides. 2,208,442; July 16.
Winkelmann, Herbert A., and E. W. Moffett, Chicago, Ill., assignors to Marbon Corporation. Making laminated products. 2,206,441; July 2.
Winkleman, Edward J., Oakmont, Pa., assignor of forty-nine per cent to Duquesne Slag Products Company. Resilient connection. 2,187,923; Jan. 23.
Winkleman, Edward J., Oakmont, Pa., assignor of forty-nine per cent to Duquesne Slag Products Company. Flexible hanger. 2,187,924; Jan. 23.
Winkleman, Edward J., Oakmont, Pa., assignor of forty-nine per cent to Duquesne Slag Products Company. Vibratory screen. 2,207,844; July 16.
Winkler, Albert H., assignor to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,215,682; Sept. 24.
Winkler, Bruno E., Detroit, Mich. Welding gun. 2,211,551; Aug. 13.
Winkler, Frederic C., Lakewood, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lighting unit. 2,214,600; Sept. 10.
Winkler, Frederic C., Lakewood, Ohio, assignor to General Electric & Manufacturing Company, East Pittsburgh, Pa. Lighting unit. 2,217,463; Oct. 8.
Winkler, Fritz. (See Duftschmid, F., Linckh, and Winkler.)
Winkler, Fritz, and E. Linckh, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Gas producer for gasifying granular fuels. 2,187,872; Jan. 23.

Winkler, Karl. (See Buetefisch, H., Winkler, Kaufman, and Bemmann.)
Winkler, Wynne G., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,187,389; Jan. 16.
Winkley, Erastus E. (See Hart, G. T., Jr., and Winkley.)
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for operating on shoes or shoe parts. 2,225,142; Dec. 17.
Winks, John L. (See Papp, A. E., and Winks.)
Winlock, Joseph. (See Leiter, R. W. E., and Winlock.)
Winn, Sidney B., Lapeer, Mich. Fifth wheel. 2,213,424; Sept. 3.
Winn, Sidney B., Lapeer, Mich. Trailer vehicle. 2,223,436; Dec. 3.
Winnefeld, Joseph S. (See Hammon, R. A., and Winnefeld.)
Winnek, Douglas F., New York, N. Y. Embossing sheet plastic material. 2,218,227; Oct. 15.
Winnek, Philip S., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. p-Nitrobenzene sulphonamido tetrazoles. 2,209,243; July 23.
Winnek, Philip S., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Sulphanilyl guanidine and making it. 2,218,490; Oct. 15.
Winner Supply Company. (See Christy, William T., assignor.)
Winnicki, Henry S. (See Amos, J. L., Williams, and Winnicki.)
Winograd, Harold, Collingswood, N. J., assignor, by mesne assignments, to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Voltage regulating means for rectifiers. 2,189,828; Feb. 13.
Winograd, Harold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rectifier protective system. 2,193,083; Mar. 12.
Winship, Edward J., Baltimore, Md., assignor to Corning Glass Works, Corning, N. Y. Hollow building unit. 2,194,731; Mar. 26.
Winship, Edward J., Baltimore, Md., assignor to Pittsburgh Corning Corporation, Allegheny County, Pa. Window construction. 2,226,274; Dec. 24.
Winship, Ralph B., Montreal, Quebec, Canada, assignor, by mesne assignments, to Standard Railway Refrigerator Company. Refrigerator car. 2,214,544; Sept. 10.
Winship, Ralph B., Montreal, Quebec, Canada, assignor, by mesne assignments, to Standard Railway Refrigerator Company. Refrigerator car construction. 2,214,545; Sept. 10.
Winslow, Albert E., New London, assignor, by mesne assignments, to Atwood Machine Company, Stonington, Conn. Spindle mounting. 2,210,787; Aug. 6.
Winslow, Charles C., Long Beach, Calif. Rock bit. 2,200,482; May 14.
Winslow, Edward N., Shaker Heights, assignor to The Mills Company, Cleveland, Ohio. Structural assembly. 2,202,881; June 4.
Winslow, Francis G., Pompton Lakes, N. J., assignor to American Hard Rubber Company, New York, N. Y. Pipe joint. 2,187,217; Jan. 16.
Winslow, Harry F., Brooklyn, N. Y. Roller grinding mill. 2,224,330; Dec. 10.
Winslow, Seth L., Chicago, Ill. Sprinkler head. 2,211,399; Aug. 13.
Winsor, George B. and T. B., Milpitas, Calif. Disk harrow. 2,192,877; Mar. 12.
Winsor, Thomas B. (See Winsor, George B. and T. B.)
Winsted Harware Manufacturing Company, The. (See Reichold, Ludwig, assignor.)
Winston, Benjamin E., et al. (See Larsen, Louis G., assignor.)
Winston, William O. (See Griffith, J. C., and Winston.)
Winter, Ernst, Cologne-Braunsfeld, F. Lückerath, Hermulheim Kreis Cologne-on-the-Rhine, and P. Windelband, deceased, Knapsack, near Cologne-on-the-Rhine, by H. Windelband, Wiesbaden, administratrix, assignors, by mesne assignments, to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Device for subdividing fused calcium carbide. 2,208,919; July 23.
Winter, Fred H., Schenectady, N. Y., assignor to General Electric Company. Electromagnetic control device. 2,196,883; Apr. 9.
Winter, Fred H., Schenectady, N. Y., assignor to General Electric Company. Motor starter. 2,223,278; Nov. 26.
Winter, Horatio D., et al. (See Gilowitz, Benjamin, assignor.)
Winter, Mahlon A., Chambersburg, Pa. Toy. 2,219,831; Oct. 29.
Winter, Paul J. (See Distler, Hans, assignor.)
Wintercorn, Andrew F., et al. (See Bazarek, Waldo J., assignor.)
Wintercorn, Andrew F., and E. P. McCanna, assignors to The Atwood Vacuum Machine Company, Rockford, Ill. Hinge. 2,200,317; May 14.
Winterhalter, Martin, Morcote, near Lugano, Switzerland. Sliding clasp fastener. 2,191,874; Feb. 27.
Wintermute, Harry A. (See Meston, A. F., and Wintermute.)
Wintermute, Harry A., Plainfield, N. J., assignor to Research Corporation, New York, N. Y. Electric precipitator. 2,188,695; Jan. 30.
Wintermute, Harry A., Plainfield, N. J., assignor, by mesne assignments, to Behr-Manning Corporation. Production of pile surface materials. 2,218,445; Oct. 15.
Wintermute, Harry A., Plainfield, N. J., assignor to Research Corporation, New York, N. Y. Deposition of material. 2,221,338; Nov. 12.
Winters, Albert C., Jr., Rockford, Ill. Milk can drier. 2,198,898; Apr. 30.
Winters & Crampton Corporation. (See Anderson, Lloyd L., assignor.)
Winters, Le Roy D., et al. (See Booty, Philip C. P., assignor.)
Winters, Wesley J., Stevensville, Mont. Delivery closure for collapsible containers. 2,197,672; Apr. 16.
Wintersberger, Karl, and W. Spormann, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Purification of masses containing calcium hydroxide. 2,213,131; Aug. 27.
Winther, Anthony. (See Winther, Martin P. and A.)
Winther, Anthony. (See Winther, Martin P., and A. W., and Kindt, assignors.)
Winther, Anthony, Kenosha, Wis., assignor to M. P. Winther, as trustee, Waukegan, Ill. Electromagnetic apparatus. 2,197,990; Apr. 23.
Winther, Anthony, Kenosha, Wis., M. P. Winther, Waukegan, Ill, and M. Kindt, Kenosha, Wis. Temperature control apparatus. 2,193,185; Mar. 12.
Winther, Anthony, Kenosha, Wis., and M. P. Winther, Waukegan, Ill. Electromagnetic control. 2,193,214; Mar. 12.
Winther, Martin P. (See Murphy, F. L., Westcott, and Winther.)
Winther, Martin P. (See Winther, Anthony and M. P.)
Winther, Martin P. (See Winther, Anthony and M. P., and Kindt.)
Winther, Martin P., as trustee. (See Winther, Anthony, assignor.)
Winther, Martin P., Waukegan, assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Air conditioning system for railway cars. 2,193,836; Mar. 19.
Winther, Martin P., Waukegan, Ill., and A. Winther, Kenosha, Wis., assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Air conditioning system for railway cars. 2,193,837; Mar. 19.
Winther, Martin P., Waukegan, Ill., A. Winther and M. Kindt, Kenosha, Wis., assignors to said M. P. Winther as trustee. Dynamometer. 2,220,007; Oct. 29.
Winther, Martin P., Waukegan, Ill., and M. Kindt, Kenosha, Wis., assignors to M. P. Winther, as trustee. Electromagnetic apparatus. 2,220,032; Oct. 29.
Winthrop Chemical Company. (See Andersag, Hans, assignor.)
Winthrop Chemical Company. (See Andersag, H., and Westphal, assignors.)
Winthrop Chemical Company. (See Bartholomäus, Erich, assignor.)
Winthrop Chemical Company. (See Bauer, K., and Andersag, assignors.
Winthrop Chemical Company. (See Bockmühl, M., and Bartholomäus, assignors.)
Winthrop Chemical Company. (See Bockmühl, M. and Ehrhart, assignors.)
Winthrop Chemical Company. (See Bockmühl, M., Ehrhart, and Ruschig, assignors.)
Winthrop Chemical Company. (See Bockmühl, M., Ehrhart, Ruschig, and Aumüller, assignors.)
Winthrop Chemical Company. (See Bockmühl, M., Krohs, Racke, and Windisch, assignors.)
Winthrop Chemical Company. (See Bockmühl, M. Middendorf, and Fritzsche, assignors.)
Winthrop Chemical Company. (See Fehrle, A., and Fritzsche, assignors.)
Winthrop Chemical Company. (See Friedrich, Hermann, assignor.)
Winthrop Chemical Company. (See Haberland, Gerhardt, assignor.)
Winthrop Chemical Company. (See Helferich, Burckhardt, assignor.)
Winthrop Chemical Company. (See Klös, Heinrich, assignor.)
Winthrop Chemical Company. (See Kropp, W., and Taub, assignors.)
Winthrop Chemical Company. (See Lautenschlager, C. L., and Lindner, assignors.)
Winthrop Chemical Company. (See Mietzsch, F., and Klarer, assignor.)
Winthrop Chemical Company. (See Pfaff, K., and Erlenbach, assignors.)
Winthrop Chemical Company. (See Pöhls, P., and Mietzsch, assignors.)
Winthrop Chemical Company. (See Puetzer, Bruno, assignor.)
Winthrop Chemical Company. (See Quaedvlieg, Matthias, assignor.)
Winthrop Chemical Company. (See Salzer, Walter, assignor.)
Winthrop Chemical Company. (See Schmidt, Hans, assignor.)
Winthrop Chemical Company. (See Schmidt, H., and Jung, assignors.)
Winthrop Chemical Company. (See Schultz, Fritz, assignor.)

Winthrop Chemical Company. (See Schultze, Hermann E., assignor.)
Winthrop Chemical Company. (See Weissenborn, Albert, assignor.)
Winthrop Chemical Company. (See Westphal, Kurt, assignor.)
Winton, Vernon P., Memphis, Tenn. Ventilating apparatus. 2,198,420; Apr. 23.
Wintringham, William T., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Detecting system. 2,186,130; Jan. 9.
Wintritz, George, Staten Island, assignor to Conmar Products Corporation, Bayonne, N. J. Manufacture of slide fasteners. 2,201,068; May 14.
Wintsch, Max T., assignor of one-half to N. M. Weaver, Lancaster, Pa. Automatic railway signaling system. 2,188,991; Feb. 6.
Wintzer, Rudolf, assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Valve. 2,222,550; Nov. 19.
Wiora, Joseph A., Chicago, Ill. Battery carrier. 2,224,561; Dec. 10.
Wippel, Julius F., Indianapolis, Ind. Fluid velocity motor operated generator. 2,215,895; Sept. 24.
Wipperman, Hildegard, assignor to The H. W. Gossard Co., Chicago, Ill. Hose supporter. 2,196,241; Apr. 9.
Wipperman, Hildegard, assignor to The H. W. Gossard Co., Chicago, Ill. Slide fastener application for garments. 2,225,514; Dec. 17.
Wired Radio, Inc. (See Butler, Henry R., assignor.)
Wired Radio, Inc. (See Curtis, Richard C., assignor.)
Wired Radio, Inc. (See Herdman, William J., assignor.)
Wire Tie Machinery Company. (See Parker, George D., assignors.)
Wirkler, Walter H., assignor to Collins Radio Company, Cedar Rapids, Iowa. Split side band amplifier circuit. 2,210,968; Aug. 13.
Wirkler, Walter H., assignor to Collins Radio Company, Cedar Rapids, Iowa. Single side band amplifier circuit. 2,211,040; Aug. 13.
Wirtel, Arthur F. (See De Groote, M., Keiser, and Wirtel.)
Wirtel, Arthur F. (See De Groote, M., and Wirtel.)
Wirth, Armin, Zurich, Switzerland. Bearings, especially for weighing machines. 2,200,141; May 7.
Wirth, Charles, III, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,195,833; Apr. 2.
Wirth, Charles, III, assignor to Universal Oil Products Company, Chicago, Ill. Treating hydrocarbon distillates. 2,220.697; Nov. 5.
Wirth, Charles, 3rd, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon gases. 2,223,197; Nov. 26.
Wirth, Dorsey M., Bucyrus, Ohio. Belt buckle. 2,193,611; Mar. 12.
Wirth, Edward L. and G. E., Portland, Oreg. Fishhook. 2,222,554; Nov. 19.
Wirth, Emil O. (See Mock, F. C., and Wirth.)
Wirth, Emil O., assignor to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,201,603; May 21.
Wirth, Emil O., assignor by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,212,926; Aug. 27.
Wirth, Emil O., assignor to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,215,683; Sept. 24.
Wirth, George E. (See Wirth, Edward L. and G. E.)
Wirth, Walter V., Woodstown, N. J., and R. F. Deese, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing quaternary ammonium compounds and intermediates therefor. 2,212,654; Aug. 27.
Wirtz, Franklin H., assignor to White Castle System, Inc., Columbus, Ohio. Counter construction. 2,188,586; Jan. 30.
Wisch, Edward W., Baltimore, Md. Tobacco pipe. 2,209,671; July 30.
Wischan, Ernst, Drexel Hill, Pa. Trouser supporter. 2,220,188; Nov. 5.
Wisdom, Lacy L. (See Wikander, A. J., Lind, and Wisdom.)
Wise, Alpha K., Kilgore, assignor of one-half to L. R. Wise, Avoca, Tex. Paraffin cutting and scraping tool. 2,196,134; Apr. 2.
Wise, Charles R., Charleston, W. Va. Rifle magazine. 2,205,967; June 25.
Wise, Elmer L., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Holder for rolls of sheet material. 2,198,421; Apr. 23.
Wise, Elmer L., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Automatic shuttle carriage mechanism. 2,210,558; Aug. 6.
Wise, Ernest G., Chicago, Ill., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Locking device. 2,192,060; Feb. 27.
Wise, George F., Philadelphia, Pa. Line clamp. 2,202,976; June 4.
Wise, Leo V., Detroit, Mich. Fishing tackle. 2,191,244; Feb. 20.
Wise, Louis E. (See Peterson, F. C., and Wise.)
Wise, Louis H., et al. (See Huey, George W., assignor.)
Wise, Louis R. (See Wise, Alpha K., assignor.)
Wise, Raleigh J., Dunellen, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Method of and apparatus for recording signals electrically. 2,205,450; June 25.
Wise, Raymond O., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Modulation system. 2,224,580; Dec. 10.
Wise, Robert L. (See Hays, S. E., and Wise.)
Wise, Sailor E., Pittsburgh, Pa., assignor of one-half to K. B. Hamlett, Washington, D. C. Windshield cover. 2,223,145; Nov. 26.
Wise, Verl A., S. B. Duffies, G. R. Henney, and C. L. Lohner, assignors to Industrial Patents Corporation, Chicago, Ill. Treatment of liver. 2,204,459; June 11.
Wiseley, Francis M., Kansas City, Mo. Convertible roller skate structure. 2,195,348; Mar. 26.
Wiseman, P. Kenneth, et al., trustees. (See Dolbear, Clinton E.)
Wiseman, Philip. (See Dolbear, Clinton E., assignor.)
Wisenor, Lemuel H., San Francisco, Calif. Rail joint. 2,193,262; Mar. 12.
Wisfeld, Werner, assignor to Carbo-Norit-Union Verwaltungs-Gesellschaft m. b. H., Frankfort-on-the-Main, Germany. Determining the utility of carbons for depolarizing electrodes. 2,190,817; Feb. 20.
Wishart, Harold W., assignor to Fredericksen Company, Saginaw, Mich. Washer. 2,198,930; Apr. 30.
Wishart, Ronald S. (See Vernam, G. S., and Wishart.)
Wishinsky, William, New York, N. Y. License and number tab. 2,195,042; Mar. 26.
Wisman, Lauren O., Walnut Creek, assignor to E. D. Bullard Company, San Francisco, Calif. Hat. 2,185,717; Jan. 2.
Wisner, John A., Baltimore, Md. Fountain cleaning device. 2,204,200; June 11.
Wiss, J., & Sons Company. (See Rauh, Frederic H., assignor.)
Wissler, William A., Niagara Falls, N. Y., assignor to Haynes Stellite Company. Method of making hard compositions. 2,189,387; Feb. 6.
Wissler, William A., Niagara Falls, N. Y., assignor to Haynes Stellite Company. Welding rod. 2,219,462; Oct. 29.
Wiste, Olav O., Glendon, Alberta, Canada. Propeller. 2,196,573; Apr. 9.
"Wistra", Ofenbau Gesellschaft mit beschrankter Haftung. (See Kinder, Theodor, assignor.)
Witchger, Eugene J., assignor to The Lufkin Rule Company, Saginaw, Mich. Micrometer gauge. 2,212,910; Aug. 27.
Witchger, Eugene S., Detroit, assignor of one-half to C. W. Shaw, Grosse Pointe Woods, Mich. Door closing device for automotive vehicles. 2,224,371; Dec. 10.
Witczak, Sylvester, Detroit, Mich. Fishing rod holder. 2,199,034; Apr. 30.
Witham, Winfred A. (See Wildhaber, E., Candee, and Witham.)
Withem, Donald D., Midland, Pa., assignor of one-half to I. Kane. Distance measuring device. 2,216,716; Oct. 1.
Witherow, William P. (See Henderson, Albert, assignor.)
Withers, H. H., et al. (See Bessey, Gordon W., assignor.)
Withey, John M., assignor to L. M. Wickman, Howell, Mich. Fish lure. 2,223,475; Dec. 3.
Withrow, Paul C., Denver, Colo., assignor to American Locomotive Company, New York, N. Y. Articulated locomotive. 2,206,592; July 2.
Witkin, B. E. (See Marvin, Stanley, assignor.)
Witman, Clyde J. R., Pottsville, Pa. Automatic control for toy electric trains. 2,201,512; May 12.
Witmer, Harold G., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Control apparatus. 2,199,124; Apr. 30.
Witmer, Harold G., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,211,190; Aug. 13.
Witschi, Marie, Batterkinden, assignor to Sepa Scharnier A.-G., Olten, Switzerland. Hinge. 2,200,142; May 7.
Witt, Bertram J., Harrow, England, assignor to Radio Corporation of America. Electric cable. 2,197,027; Apr. 16.
Witt, Carl A., Detroit, Mich. Cigarette dispenser. 2,187,218; Jan. 16.
Witt, Carl A., Detroit, Mich. Sanitary toothpick dispenser. 2,207,528; July 9.
Witt, Fred A., Los Angeles, Calif. Detonator. 2,208,780; July 23.
Witt, Gus, et al. (See Francis, George W., Sr., assignor.)
Witt, Samuel E. (See Pierce, Frank H., assignor.)
Wittcoff, Edward, University City, Mo. Headwear. 2,207,907; July 16.
Witte, Erhard, Berlin-Lichterfelde, Germany, assignor to North American Rayon Corporation, New York, N. Y. Method and apparatus for manufacture of staple fiber. 2,196,449; Apr. 9.
Witte, Friedrich, assignor to Knorr-Bremse Aktiengesellschaft, Lichtenberg, Berlin, Germany. Safety valve for steam generators. 2,198,447; Apr. 23.
Witte, Louis J., Beverly Hills, and B. H. Southland, West Los Angeles, assignors to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Wave machine. 2,222,010; Nov. 19.

Witte, Louis J., Beverly Hills, and B. H. Southland, West Los Angeles, assignors to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Flare machine. 2,224,452; Dec. 10.
Witte, Paul, New Milford, assignor to White Metal Manufacturing Company, Hoboken, N. J. Blank for forming collapsible tubes. 2,203,376; June 4.
Witte, Paul, New Milford, assignor to White Metals Manufacturing Company, Hoboken, N. J. Threaded container spout. 2,209,045; July 23.
Wittek, Joseph, Pasadena, Calif. Spraying device. 2,190,639; Feb. 13.
Wittel, Otto. (See Miller, F. C., Wittel, and Lyman.)
Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Control arrangement for film handling apparatus. 2,199,977; May 7.
Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Focal plane shutter. 2,206,144; July 2.
Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Take-up drive for photographic apparatus. 2,211,358; Aug. 13.
Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Reel mounting. 2,213,777; Sept. 3.
Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Speed control assembly. 2,226.188; Dec. 24.
Wittels, Herbert G., Brooklyn, N. Y. Percolator. 2,222,098; Nov. 19.
Wittenberg, Edward H., assignor to National Pressure Cooker Company, Eau Claire, Wis. Pressure cooker. 2,218,188; Oct. 15.
Wittenberg, Erich, Berlin-Schoneberg, and H. Duchrow, Rathenow-on-the-Havel, Germany. Separable fastener and detachable end connecting member therefor. 2,203,005; June 4.
Wittenmyer, Carlos, Mount Clemens, Mich. Typewriter. 2,188,935; Feb. 6.
Witter, Chester W. E., Ridgewood, N. J., and J. G. Sisson, assignors to The L. S. Starrett Company, Athol, Mass. Strain gauge. 2,215,259; Sept. 17.
Witter, Patricia H., Pico, Calif. Garment hanger. 2,193,215; Mar. 12.
Witters, Charles F. (See Weber, P. J., and Witters.)
Wittig, Carl H. (See Gallasch, G. B., Kirtz, and Wittig.)
Wittig, Carl H. O. (See Gallasch, G. B., Kurtz, and Wittig, assignors.)
Wittigschlager, Wilhelmina, assignor of forty-nine per cent to E. Marthis, Miami, Fla. Astronomical toy. 2,204,952; June 18.
Wittkuhns, Bruno A. (See Carter, L. F., and Wittkuhns.)
Wittkuhns, Bruno A. (See Chafee, E. W., and Wittkuhns.)
Wittlinger, Charles J., et al. (See Huey, George W., assignor.)
Wittman, George F., Dayton, Ohio. Marking device. 2,209,498; July 30.
Wittmann, Frank J. (See Tice, G. C., and Wittmann.)
Wittmann, Marie, New York, N. Y. Doll. Re. 21,539; Aug. 20.
Wittmann, Robert A., assignor to Peoples Gas By-Products Corporation, Chicago, Ill. Electric switch. 2,185,490; Jan. 2.
Wittmann, Robert A., assignor to Peoples Gas By-Products Corporation, Chicago, Ill. Apparatus for controlling fluid flow. 2,212,762; Aug. 27.
Wittmann, Robert A., Chicago, Ill., assignor to Chicago By-Products Corporation. Safety system responsive to temperature and fluid flow. 2,227,291; Dec. 31.
Wittmer, Russell J., Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Resilient car wheel. 2,204,953; June 18.
Wittnebel, Arthur A., New Rochelle, assignor to American Bank Note Company, New York, N. Y. Inking mechanism for rotary steel plate printing machine. 2,224,331; Dec. 10.
Wittwer, Max. (See Schuette, H., Schoeller, and Wittwer.)
Witty, George, Long Island City, assignor, by mesne assignments, to F. Le Pan, Hartsdale, N. Y. Rust removing composition. 2,209,291; July 23.
Witwer, Wallace J., and A. C. Bunyan, assignors to The B. W. B. Company, Cleveland, Ohio. Washing machine. 2,203,479; June 4.
Witzenmann, Emil, Pforzheim, Baden, Germany, assignor to O. Meyer-Keller & Co. A. G., Lucerne, Switzerland. Flexible metal tube. 2,191,690; Feb. 27.
Wixon, Howard H., assignor to H. A. Monti, Chicago, Ill. Medallion and fastener. 2,224,756; Dec. 10.
Wixson, Kenneth L., Fisher, Ark. Stump saw. 2,224,757; Dec. 10.
Wlochall, John I., deceased; by P. E. Wlochall, administratrix, Chicago, Ill., assignor to P. E. Wlochall. Vehicle signal. 2,218,014; Oct. 15.
Wlochall, Pauline E., administratrix. (See Wlochall, John I., assignor.)
Woburn Degreasing Company. (See Pelikan, K. A. F., Schuelke, and Gerkens, assignors.)
Woburn Degreasing Company. (See Pelikan, K. A. F., Schuelke, and von Mikusch-Buchberg, assignors.)
Wochinger, Eduard, assignor to Siemens & Halske Aktiengesellschaft of Wernerwerk, Siemensstadt, near Berlin, Germany. Automatic telephone system. 2,187,478; Jan. 16.
Wochinger, Eduard, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 2,188,467; Jan. 30.
Wochinger, Eduard, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Party line telephone system. 2,188,520; Jan. 30.
Wochinger, Eduard, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Wernewerk, Siemensstadt, near Berlin, Germany. Telephone system. 2,203,935; June 11.
Wochinger, Eduard, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 2,221,660; Nov. 12.
Wochinger, Eduard, assignor to Siemens & Halske Aktiengesellschaft, Wernewerk, Siemensstadt, Berlin, Germany. Telephone system. 2,222,132; Nov. 19.
Wochner, Henry, Rock Island, Ill., assignor to Bear Manufacturing Co. Radius gauge for automobiles. 2,208,063; July 16.
Wodack Electric Tool Corporation. (See Zschau, Hugo M., assignor.)
Wodtke, Hans V., Dobbs Ferry, assignor to Anaconda Wire & Cable Company, New York, N. Y. Electric cable. 2,186,793; Jan. 9.
Woehlert, Adolph, Milwaukee, Wis. Auxiliary chaffing device. 2,216,657; Oct. 1.
Woehlert, Walter E., assignor to The Dobeckmun Company, Cleveland, Ohio. Manufacturing bags. 2,225,288; Dec. 17.
Woelfel, Alphonso A., Tacoma, Wash. Apparatus for eye treatment. 2,203,069; June 4.
Woelfer, Frank C., Jr., assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Lubricating device. 2,227,292; Dec. 31.
Woerner, Friedrich. (See Schlesinger, K., and Woerner.)
Wohl, Maurice J., New York, N. Y. Adjustable light socket. 2,190,439; Feb. 13.
Wohlenhaus, Emil, Truman, Minn. Planetary air-liquid clutch. 2,205,329; June 18.
Wohlfahrt, Edvard S. S., Domnarvet, Sweden, assignor to Ingenieurbüro für Huttenlau Wilhelm Schwier, Dusseldorf, Germany. Valve system for regeneratively heated furnaces and the like. 2,198,797; Apr. 30.
Wohlhaupter, Emil, Stuttgart-Feuerbach, Germany. Machine tool. 2,209,867; July 30.
Wohlsen, Theodore O., Lancaster, Pa. Automatic traffic signal. 2,227,332; Dec. 31.
Wohlwill, Max. (See von Girsewald, Conway, Baron, Roesner, and Wohlwill.)
Woina, Benjamin A., assignor to L. M. Payne Company, Detroit, Mich. Seat slide structure. 2,195,349; Mar. 26.
Wojcik, Joseph S. (See Clark, E. K., and Wojcik.)
Wojnowski, Stephen. (See Bullard, Frank L., assignor.)
Wokersien, Stella. (See Patterson, Herman W. and A. C.)
Wokosin, Louis W., Oshkosh, Wis., assignor to Freeman Furniture Factories, Inc., Chicago, Ill. Packing chairs for shipment. 2,212,310; Aug. 20.
Wolak, Kurt, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Telephone system. 2,200,814; May 14.
Wolarsky, Isidore, Mount Vernon, N. Y. Suspension for lighting fixtures. 2,217,533; Oct. 8.
Wolaver, Roscoe E., assignor of one-fourth to J. E. Clarke, Hillsboro, and one-fourth to E. A. Wood, Dallas, Tex. Radio equipment. 2,197,601; Apr. 16.
Wolcott, Darwin S., Colonial Village, assignor to Lukens Steel Company, Coatesville, Pa. Welded seam clad tubing. 2,222,579; Nov. 19.
Wolcott, Frank E., West Hartford, Conn., assignor, by mesne assignments, to The Silex Company. Electric cooking device. 2,198,645; Apr. 30.
Wolcott, Frank E., West Hartford, Conn., assignor to The Silex Company. Electric connector. 2,198,646; Apr. 30.
Wolcott, Frank E., West Hartford, Conn., assignor to The Silex Company. Cooking utensil. 2,198,647; Apr. 30.
Wolcott, Glenn W. (See Newill, E. B., McCormack, Wolcott, and Smith.)
Wolcott, Glenn W., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,193,244; Mar. 12.
Wolcott, Harry, and C. J. Edmunds, Perry, assignors to The Borden Company, New York, N. Y. Washing apparatus and method. 2,197,602; Apr. 16.
Wolcott, Leslie C., Warren, Ohio, assignor to General Motors Corporation, Detroit, Mich. Switch. 2,209,868; July 30.
Wolcott, Leslie C., Warren, Ohio, assignor to General Motors Corporation, Detroit, Mich. Battery terminal. 2,215,415; Sept. 17.
Wolcott, Leslie C., Warren, Ohio, assignor to General Motors Corporation, Detroit, Mich. Battery terminal. 2,215,416; Sept. 17.
Wold, Samuel, assignor to A. Johnson, Chicago, Ill. Ice skating shoe. 2,219,123; Oct. 22.
Wolden, Oscar E., Minneapolis, Minn., assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive smokestack. 2,203,317; June 4.

Wolf, Abraham, assignor to Noma Electric Corporation, New York, N. Y. Electric light socket. 2,186,469; Jan. 9.
Wolf, Austin M., Plainfield, N. J. Motor vehicle. 2,224,562; Dec. 10.
Wolf Brothers. (See Wolf, Howard A., assignor.)
Wolf, Cecil R. (See Ferris, W. D., and Wolf.)
Wolf, Emil, Budapest, Hungary, assignor to Georg Henning Chem. Pharm. Werk G. m. b. H., Berlin-Tempelhof, Germany. Digitalis glucosides and producing the same. 2,224,804; Dec. 10.
Wolf, Erwin J., Fort Wayne, Ind. Mattress structure. 2,208,826; July 23.
Wolf, Fayette E., Akron, Ohio. Template for edging lenses. 2,190,582; Feb. 13.
Wolf, Frank, High Ridge, Mo. Utilization of discarded tires. 2,199,845; May 7.
Wolf, Franz, Vienna, Germany. Overcoat. 2,186,918; Jan. 9.
Wolf, Georg, assignor to the firm Georg Wolf G. m. b. H., Berlin, Germany. Instrument for electrosurgical treatment in body cavities. 2,186,187; Jan. 9.
Wolf, Georg, G. m. b. H. (See Wolf, Georg, assignor.)
Wolf, Georg, G. m. b. H. (See Wolf, Richard, assignor.)
Wolf, Gottfried, Hochheid, near Geilenkirchen, Germany. Ventilator hood. 2,200,014; May 7.
Wolf, Harry S., Brooklyn, N. Y. X-ray cassette. 2,213,437; Sept. 3.
Wolf, Howard A., assignor to Wolf Brothers, Philadelphia, Pa. Bag. 2,215,989; Sept. 24.
Wolf, Jacques, & Company. (See Travis, Pierce M., assignor.)
Wolf, James B., Berwick, and H. G. Pellnitz, Nescopeck, Pa., assignors to American Car and Foundry Company, New York, N. Y. Latch for railway car hatch covers. 2,226,683; Dec. 31.
Wolf, John L., Philadelphia, Pa. Collapsible wardrobe cabinet. 2,187,004; Jan. 16.
Wolf, Joseph B., Jr., Alexandria, La. Display case. 2,222,524; Nov. 19.
Wolf, Karl, Heidelberg, and F. Grom, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Abradant. 2,196,135; Apr. 2.
Wolf, Lester J., Audubon, N. J., assignor to Radio Corporation of America. Concentric line. 2,203,806; June 11.
Wolf, Menno. (See Holst, G., and Wolf.)
Wolf, Morris A., Dallas, Tex. Display rack for ladies' undergarments. 2,194,191; Mar. 19.
Wolf, Morris A., Dallas, Tex. Display rack. 2,219,145; Oct. 22.
Wolf, Morris A., Brownwood, assignor to Wolf Original Displays, Inc., Dallas, Tex. Display rack. 2,222,190; Nov. 19.
Wolf, Morris H., University Heights, Ohio. Storm window. 2,197,167; Apr. 16.
Wolf, Myer, Brownstown, Pa. Gripping tool. 2,208,714; July 23.
Wolf Original Displays, Inc. (See Wolf, Morris A., assignor.)
Wolf, Paul H., Morristown, Ind. Container for individualized packaging. 2,196,689; Apr. 9.
Wolf, Paul H., Morristown, Ind. Individualized communicating plurality compartment container. 2,220,190; Nov. 5.
Wolf, Richard, assignor to the firm Georg Wolf G. m. b. H., Berlin, Germany. Telescopic instrument for the examination of body cavities. 2,212,484; Aug. 20.
Wolf, Richard, assignor to the firm Georg Wolf G. m. b. H., Berlin, Germany. Thoracoscope. 2,224,464; Dec. 10.
Wolf, Robert A. (See Bowers, H. L., and Wolf.)
Wolf, Robert A., and H. L. Bowers, Kenmore, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Control surface operating unit. 2,211,307; Aug. 13.
Wolf Safety Lamp Company of America, Inc. (See Anglada, Domingo, assignor.)
Wolf, Simon, New York, N. Y., and L. Paganelli, Bergenfield, N. J. Collapsible-shoulder dress form. 2,215,748; Sept. 24.
Wolfanger, Howard F., assignor to The Todd Company, Inc., Rochester, N. Y. Manifold form set. 2,187,925; Jan. 23.
Wolfater, John, Remer, assignor to J. B. Linsmayer, Minneapolis, Minn. Trap. 2,207,140; July 9.
Wolfe, Bernard J. (See Kurtz, H. F., and Wolfe.)
Wolfe, Ernest E., assignor to Metal Tape Company, Los Angeles, Calif. Venetian blind. 2,200,143; May 7.
Wolfe, Ernest E., assignor to Metal Tape Company, Los Angeles, Calif. Venetian blind. 2,207,605; July 9.
Wolfe, Harry H., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Coupler lock operating means. 2,216,507; Oct. 1.
Wolfe, Herbert J. (See Kienle, E., and Wolfe.)
Wolfe, John L., administrator de bonis non. (See Lincoln, B. H., Steiner, and Henriksen.)
Wolfe, John W., administrator. (See Lincoln, B. H., and Henriken.)
Wolfe, Kinsey A., Cumberland, Md., assignor to Celanese Corporation of America. Thread guide. 2,202,937; June 4.
Wolfe, Orrin J., Bellingham, Wash. Adjustable trailer axle. 2,190,091; Feb. 13.
Wolfe, R. M. (See Goodman, H., and Dillingham, assignors.)
Wolfe, Robert E. (See Kneisley, R. F., and Wolfe.)
Wolfe, William D., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Age resistor. 2,200,526; May 14.
Wolfe, William D., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Antioxidant for rubber. 2,215,142; Sept. 17.
Wolfe, William D., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Producing soft synthetic rubberlike materials. 2,217,631; Oct. 8.
Wolfe, William D., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Nitriles and preparing the same. 2,217,632; Oct. 8.
Wolfe, William D., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Tetrahydro aryl-alkyl ketones and preparing them. 2,222,357; Nov. 19.
Wolfenden, Harry C., Attleboro, Mass. Dye spattering machine. 2,199,093; Apr. 30.
Wolfert, Edward R., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heat exchange apparatus. 2,186,224; Jan. 9.
Wolfert, Edward R., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control mechanism. 2,199,426; May 7.
Wolfert, Edward R., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,218,944; Oct. 22.
Wolferz, Alfred H., Hillside, and J. H. Miller, Short Hills, assignors to Weston Electrical Instrument Corporation, Newark, N. J. Power factor indicator. 2,198,371; Apr. 23.
Wolferz, Edwin C., Nutley, N. J. Coupler. 2,216,481; Oct. 1.
Wolfes, Otto, and O. Hromatka, Darmstadt, Germany, assignors to Merck & Co., Inc., Rahway, N. J. Esters of amino alcohols with 9-hydroxyfluorene-9-carboxylic acid and their production. 2,221,828; Nov. 19.
Wolff, Frederick L., Omaha, Nebr. Automatic clutch control. 2,212,803; Aug. 27.
Wolff, Georg, assignor to Dr. Alexander Wacker Gesellschaft für Elektro-Chemische Industrie, G. m. b. H., Munich, Germany. Degreasing apparatus. 2,207,186; July 9.
Wolff, Georg, assignor to Dr. Alexander Wacker Gesellschaft für Elektro-Chemische Industrie, G. m. b. H., Munich, Bavaria, Germany. Degreasing apparatus. 2,219,028; Oct. 22.
Wolff, Hanns-Heinz, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Impulse generating arrangement. 2,191,185; Feb. 20.
Wolff, Hanns-Heinz, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Braun tube with synchronizing electrode. 2,196,375; Apr. 9.
Wolff, Hanns-Heinz, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television transmission. 2,201,069; May 14.
Wolff, Hanns-Heinz, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Television transmission device. 2,227,414; Dec. 31.
Wolff, Hanns-Heinz, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Radio circuit for eliminating undesired interference. 2,227,415; Dec. 31.
Wolff, Hanns-Heinz, and G. Liebmann, Berlin, Germany; said Wolff assignor, by mesne assignments, to Loewe Radio, Inc. Television transmission. 2,227,413; Dec. 31.
Wolff, Irving, Merchantville, N. J., assignor to Radio Corporation of America. Protective device. 2,197,028; Apr. 16.
Wolff, Irving, Merchantville, N. J., assignor to Radio Corporation of America. Radio beam system. 2,203,807; June 11.
Wolff, Irving, Merchantville, N. J., assignor to Radio Corporation of America. Ultra short wave attenuator and directive device. 2,206,683; July 2.
Wolff, Irving, Merchantville, N. J., assignor to Radio Corporation of America. Propagation of waves in a wave guide. 2,207,845; July 16.
Wolff, Irving, Merchantville, N. J., assignor to Radio Corporation of America. Electronic discharge device. 2,207,846; July 16.
Wolff, Irving, Merchantville, N. J., assignor to Radio Corporation of America. Electronic oscillator control device. 2,210,518; Aug. 6.
Wolff, Irving, Merchantville, N. J., assignor to Radio Corporation of America. Means for indicating phase. 2,223,840; Dec. 3.
Wolff, Joseph P., Detroit, Mich. Vacuum breaker. 2,212,284; Aug. 20.
Wolff, Oscar M., Chicago, Ill. Net supporting device. 2,205,706; June 25.
Wolff, Ottomar, Berlin, Germany, assignor to American Maize-Products Company. Nonhygroscopic starch conversion product and method of manufacture. 2,192,951; Mar. 12.
Wolff, Ottomar, Berlin, Germany, assignor to American Maize-Products Company. Nonhygroscopic starch conversion product and method of manufacture. 2,192,952; Mar. 12.

Wolff, Paul, and H. Moehrke, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline & Film Corporation. After-chromable acid dyestuffs of the triphenylmethane series. 2,195,440; Apr. 2.
Wolff, Paul, and F. Heim, Frankfort-on-the-Main, Germany, assignors to General Aniline & Film Corporation. Acid dyestuffs and preparing them. 2,198,298; Apr. 23.
Wolff, Paul, and E. Beniers, Frankfort-on-the-Main, Germany, assignors to General Aniline & Film Corporation. Acid indolylidiphenylmethane dyestuff. 2,202,037; May 28.
Wolff, Paul, and E. Beniers, Frankfort-on-the-Main, Germany, assignors to General Aniline & Film Corporation. Acid green indolylidiphenylmethane dyestuff. 2,202,038; May 28.
Wolff, Paul, and E. Beniers, Frankfort-on-the-Main, Germany, assignors to General Aniline & Film Corporation. Acid dyestuffs of the indolyldiphenyl-methane series. 2,204,201; June 11.
Wolff, Paul H., deceased, by R. Wenzel, administrator, H. Moehrke, and G. Schäfer, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline & Film Corporation. Acid diamino-triphenyl-methane dyestuffs. 2,192,118; Feb. 27.
Wolff, Paul H., deceased, by R. Wenzel, administrator, and K. Frank, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline & Film Corporation. 2,197,846; Apr. 23.
Wolff, Paul H., deceased, by R. Wenzel, administrator, and K. Frank, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline & Film Corporation. 2,198,468; Apr. 23.
Wolff, Robert C., Buffalo, N. Y. Agitator for domestic mixers. 2,208,955; July 23.
Wolff, Rudolf R. (See Morschel, H., and Wolff.)
Wolfram, Karl, Vollme, Germany. Change-over torque measuring tool for several measuring ranges. 2,205,510; June 25.
Wolfram, William S. (See Geyer, H. D., and Wolfram.)
Wolfram, William S., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Friction clutch. 2,195,663; Apr. 2.
Wolfram, William S., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Friction clutch. 2,195,664; Apr. 2.
Wolfram, William S., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Friction clutch. 2,195,665; Apr. 2.
Wolfram, William S., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Friction clutch. 2,195,666; Apr. 2.
Wolfram, William S., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Clutch. 2,211,191; Aug. 13.
Wolfram, William S., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Friction clutch. 2,211,192; Aug. 13.
Wolfram, William S., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Clutch driven plate. 2,221,463; Nov. 12.
Wolfskill, John M., assignor to Bliley Electric Company, Erie, Pa. Low frequency piezoelectric crystal. 2,213,031; Aug. 27.
Wolfskill, John M., assignor to Bliley Electric Company, Erie, Pa. Piezoelectric crystal apparatus. 2,224,700; Dec. 10.
Wolfson, William, Sunnyside, Long Island, N. Y. Three-dimensional article formed of sheet material. 2,187,721; Jan. 23.
Wolfstein, Albert N., Sr. (See Conner, Michael G., assignor.)
Wolhschlegel, August G. (See Jacker, Richard J., assignor.)
Wolkow, Isaac L., Louisville, Ky. Comb. 2,201,753; May 21.
Wollaeger, Clarence G., assignor to Milcor Steel Company, Milwaukee, Wis. Wall trim. 2,203,119; June 4.
Wollensak, Arthur C., Milwaukee, Wis., assignor to Sterling Motor Truck Company, Inc. Vehicle cab. 2,210,519; Aug. 6.
Wollenweber, Julius E., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Liquid measuring and dispensing device. 2,202,073; May 28.
Woller, Edward E., Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Studio couch back rest. 2,211,222; Aug. 13.
Wollheim, Ernst, Berlin-Charlottenburg, Germany. Obtaining a substance lowering the blood pressure. 2,190,248; Feb. 13.
Wollner, Hans, Detroit, assignor to Universal Products Company, Incorporated, Dearborn, Mich. Universal joint. 2,212,763; Aug. 27.
Wollner, Hans, Detroit, assignor to Universal Products Company, Incorporated, Dearborn, Mich. Universal joint and propeller shaft assembly. 2,227,116; Dec. 31.
Wollthan, Heinz, and W. Becker, Cologne, Rhine, Germany, assignor, by mesne assignments, to Jasco, Incorporated. Preparation of synthetic rubberlike materials. 2,222,967; Nov. 26.
Wolman, Karl, Berlin-Grunewald, and R. Huber, Berlin-Wilmersdorf, Germany. Wood preservative. 2,185,533; Jan. 2.
Wolpert, Otto, Mannheim, Germany, and R. Ludwig, Kladno, Czechoslovakia, assignors to Hessemmuller & Wolpert, Ludwigshafen-on-the-Rhine, Germany. Hardness tester. 2,188,992; Feb. 6.
Wolseley Motors Limited. (See Gould, George, assignor.)
Wolsky, Maurier, Brooklyn, assignor to Bendix Radio Corporation, New York, N. Y. Clutch. 2,199,251; Apr. 30.
Wolstenholme, Harry F., Paterson, N. J. Rotary internal combustion engine. 2,222,133; Nov. 19.
Wolters, Carl F., Kenmore, assignor to Remington Rand Inc., Buffalo, N. Y. Filing tray. 2,190,178; Feb. 13.
Wolters, Carl F., Kenmore, assignor to Remington Rand Inc., Buffalo, N. Y. Index stand. 2,220,189; Nov. 5.
Wolters, Carl F., Kenmore, N. Y., and R. M. Ellis, Boundbrook, N. J., assignors to Remington Rand Inc., Buffalo, N. Y. Index strip. 2,201,950; May 21.
Wolthorn, Henry J. (See Francis, C. B., Wolthorn, and Woodward.)
Woltz, Earl J., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Material handling mechanism. 2,205,004; June 18.
Wolvin, Roy M. (See Robinson, Joseph, assignor.)
Womack, Analee, Fort Worth, Tex. Shield for hair drying purposes. 2,226,956; Dec. 31.
Womack, Henry B., Birmingham, Ala. Shear tooth clipper blade. 2,199,299; Apr. 30.
Wondra, Charles, et al. (See McKinney, E. L., and Eagle, assignors.)
Wong, Wing. (See Ingraham, D. C., and Wong.)
Wonsyld, Edward, Dee, Oreg. Transfer derrick. 2,213,540; Sept. 3.
Wood, A. L. (See Spake, John, assignor.)
Wood, Alexander P., Schenectady, N. Y., assignor to General Electric Company. Dynamo-electric machine. 2,225,361; Dec. 17.
Wood, Alfred B., Chicago, Ill., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor discharge silencer. 2,198,021; Apr. 23.
Wood, Arthur R., St. Helens, assignor to Pilkington Brothers Limited, Liverpool, England. Making refractory bodies and materials. 2,195,949; Apr. 2.
Wood, Arthur R., St. Helens, assignor to Pilkington Brothers Limited, Liverpool, England. Making refractory bodies and materials. 2,195,950; Apr. 2.
Wood, Arthur W., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration method. 2,214,699; Sept. 10.
Wood Briquettes, Inc. (See Bowling, Robert T., assignor.)
Wood, C. D., Electric Company. (See Kulka, Eugene R., assignor.)
Wood, Carl E., Milwaukee, Wis. Flexible drive tension means. 2,226,887; Dec. 31.
Wood, Charles E., Milwaukee, Wis. Classifier. 2,219,730; Oct. 29.
Wood, Charles F., Los Angeles, Calif. Vending machine for refrigerated articles. 2,201,464; May 21.
Wood, Charles F., Los Angeles, Calif. Machine for storing and vending refrigerated articles. 2,221,016; Nov. 12.
Wood, Clarence G., Cleveland Heights, Ohio. Clutch plate. 2,197,232; Apr. 16.
Wood, Clarence G., Cleveland, Ohio. Clutch plate construction. 2,202,132; May 28.
Wood, Clarence G., assignor to Monmouth Products Company, Cleveland, Ohio. Clutch. 2,220,656; Nov. 5.
Wood, Clarence G., assignor to Monmouth Products Company, Cleveland, Ohio. Clutch. 2,220,566; Nov. 5.
Wood, Clarence G., Cleveland, Ohio. Clutch. 2,220,564; Nov. 5.
Wood, Clifford. (See Coffey, S., Haddock, and Wood.)
Wood, Clyde W., Los Angeles, Calif. Road material mixing machine. 2,209,710; July 30.
Wood Conversion Company. (See Ward, Paul A., assignor.)
Wood, Donald L., assignor to Eastman Kodak Company, Rochester, N. Y. Viewing device. 2,193,016; Mar. 12.
Wood, Edward L., Detroit, Mich. Filter. 2,190,965; Feb. 20.
Wood, Edward L., Detroit, Mich. Power oil removal unit. 2,206,992; July 9.
Wood, Edward L., assignor to Gar Wood Industries, Inc., Detroit, Mich. Oil burner unit. 2,226,212; Dec. 24.
Wood, Elizabeth O., executrix. (See Wood, Henry A. W.)
Wood, Ernest A., et al. (See Wolaver, Roscoe E., assignor.)
Wood, F. E., et al. (See Brandenburg, Harry J., assignor.)
Wood, Frank E., trustee. (See Alder, William F., assignor.)
Wood, Frank E. (See Kochendorfer, F. S., and Wood.)
Wood, Frank J., Riverside, assignor to Goodman Manufacturing Company, Chicago, Ill. Apparatus for pickling and cleaning strip metal. 2,193,051; Mar. 12.
Wood, Frank J., Riverside, assignor to Goodman Manufacturing Company, Chicago, Ill. Pickling and cleaning device for strips of sheet metal. 2,203,480; June 4.
Wood, Frank J., Riverside, assignor to Goodman Manufacturing Company, Chicago, Ill. Apparatus for cleaning strip metal. 2,204,168; June 11.
Wood, Frank J., Riverside, assignor to Goodman Manufacturing Company, Chicago, Ill. Pickling and cleaning apparatus. 2,212,219; Aug. 20.

Wood, Frank J., Riverside, assignor to Goodman Manufacturing Company, Chicago, Ill. Device for uncoiling coils of sheet metal. 2,218,499; Oct. 22.
Wood, Franz J., Des Moines, Iowa. Separating and cleaning mechanism for threshing machines. 2,212,092; Aug. 20.
Wood, Fred C., Winnetka, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Display apparatus. 2,191,701; Feb. 27.
Wood, Frederick C., assignor to Tootal Broadhurst Lee Company Limited, Manchester, England. Textile finishing process. 2,200,944; May 14.
Wood, Frederick P., assignor to Simplex Paper Corporation, Adrian, Mich. Panelboard and making same. 2,197,822; Apr. 23.
Wood, Gar, Industries, Inc. (See Adams, William J., assignor.)
Wood, Gar, Industries, Inc. (See Allin, George S., assignor.)
Wood, Gar, Industries, Inc. (See Barrett, Edward R., assignor.)
Wood, Gar, Industries, Inc. (See Barrett, Edward S., assignor.)
Wood, Gar, Industries, Inc. (See Merchant, Donald R., assignor.)
Wood, Gar, Industries, Inc. (See Noyer, Louis, assignor.)
Wood, Gar, Industries, Inc. (See Wood, Edward L., assignor.)
Wood, Gar, Industries Inc. (See Wood, George B., assignor.)
Wood, Gar, Industries, Inc. (See Wood, Louis S., assignor.)
Wood, George B., assignor to Gar Wood Industries Inc., Detroit, Mich. Ground working trailer. 2,207,424; July 9.
Wood, George B., assignor to Gar Wood Industries, Inc., Detroit, Mich. Refuse handling truck body. 2,212,058; Aug. 20.
Wood, George H., Jr. (See Farnworth, E., and Wood.)
Wood, Henry A., Berkeley, Calif. Dead line fastener and clamp for derrick lines and the like. 2,187,960; Jan. 23.
Wood Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Margin bar for printing cylinders. 2,186,513; Jan. 9.
Wood, Henry A. W., assignor to The Wood Newspaper Machinery Corporation, New York, N. Y. Tensioning means. 2,200,438; May 14.
Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web splicing device. 2,200,905; May 14.
Wood, Henry A. W., assignor to The Wood Newspaper Machinery Corporation, New York, N. Y. Web splicing device. 2,203,607; June 4.
Wood, Henry A. W., deceased, New York, N. Y.; E. O. Wood, executrix, assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Plate registering machine. 2,204,523; June 11.
Wood, Henry A. W., deceased, New York, N. Y.; E. O. Wood, executrix, assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Web splicing device. 2,216,286; Oct. 1.
Wood, Henry A. W., New York, and P. R. Long, Larchmont, assignors to The Wood Newspaper Machinery Corporation, New York, N. Y. Registering and clamping mechanism. 2,187,293; Jan. 16.
Wood, Henry A. W., New York, N. Y., P. L. Tollison, North Plainfield, and C. L. Ricards, South Plainfield, N. J., assignors to The Wood Newspaper Machinery Corporation, New York, N. Y. Web roll stand. 2,195,141; Mar. 26.
Wood, Henry A. W., New York, N. Y., and P. L. Tollison, North Plainfield, and C. L. Ricards, South Plainfield, N. J., assignors to Wood Newspaper Machinery Corporation, New York, N. Y. Chuck. 2,201,937; May 21.
Wood, J. Marcus. (See McCabe, Daniel U., assignor.)
Wood, James R. (See Harrold, C. W., and Wood.)
Wood, James R. (See Harrold, C. W., Wood, and Kaddeland.)
Wood, John E., III. (See Lynch, C. S., and Wood, assignors.)
Wood, John M., Cranston, assignor to Franklin Process Company, Providence, R. I. Metal spool or beam. 2,186,745; Jan. 9.
Wood, John M., East Providence, and P. C. Wentworth, Providence, R. I., assignors to said Wentworth. Ring traveler and ring. 2,223,774; Dec. 3.
Wood, John, Manufacturing Company. (See Orbeck, Einar M., assignor.)
Wood, John, Manufacturing Company. (See Retsema, Jay, assignor.)
Wood, John, Manufacturing Company. (See Wilkinson, Harry W., assignor.)
Wood, John S., Huntington, W. Va., assignor to The Jeffrey Manufacturing Company. Belt centering device. 2,195,159; Mar. 26.
Wood, John T., Bootle, Liverpool, England. Apparatus and method for controlling the feeding of glass charges. 2,215,417; Sept. 17.
Wood, Joseph D., Bethlehem, Pa., assignor to Roller-Smith Company. Electric control of distribution systems. 2,208,781; July 23.
Wood, Joseph K., New York, N. Y. Spring device. 2,208,064; July 16.
Wood, Joseph K., Bronx, assignor to General Spring Corporation, New York, N. Y. Support device. 2,225,515; Dec. 17.
Wood, Kenneth L. (See Griffith, R. G., and Wood.)
Wood, Lemuel J. (See Spinello, Matt, assignor.)
Wood, Lloyd E., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Composite article and its manufacture. 2,201,568; May 21.
Wood, Louis S., Grosse Pointe Farms, assignor to Gar Wood Industries, Inc., Detroit, Mich. Dump truck mechanism. 2,226,213; Dec. 24.
Wood, Maurice L., Thomaston, assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Pickling solution for copper-base alloys. 2,211,400; Aug. 13.
Wood, Mildred C., Langhorne, Pa. Doll or display figure. 2,202,805; May 28.
Wood, Morris B., assignor to The Chase-Shawmut Company, Newburyport, Mass. Electric fuse and contact therefor. 2,213,032; Aug. 27.
Wood, Morris B., assignor to The Chase-Shawmut Company, Newburyport, Mass. Circuit interrupter. 2,218,274; Oct. 15.
Wood, Morris B., Newbury, assignor to The Chase-Shawmut Company, Newburyport, Mass. Fusible protective device. 2,224,111; Dec. 3.
Wood Newspaper Machinery Corporation. (See Blomgren, Carl, assignor.)
Wood Newspaper Machinery Corporation. (See Isbell, John A., assignor.)
Wood Newspaper Machinery Corporation. (See Jordhoy, Hans C., assignor.)
Wood Newspaper Machinery Corporation. (See Schwartz, Arnold A., assignor.)
Wood Newspaper Machinery Corporation. (See Strang, Cortland J., assignor.)
Wood Newspaper Machinery Corporation. (See Tollison, Paul L., assignor.)
Wood Newspaper Machinery Corporation. (See Tornberg, Isidor, assignor.)
Wood Newspaper Machinery Corporation. (See Wood, Henry A. W., assignor.)
Wood Newspaper Machinery Corporation, The. (See Wood, H. A. W., and Long, assignors.)
Wood Newspaper Machinery Corporation. (See Wood, H. A. W., Tollison, and Ricards, assignors.)
Wood, Norman M., London, England, assignor to International Business Machines Corporation, New York, N. Y. Multiplying machine. 2,185,697; Jan. 2.
Wood, Orla L., Schenectady, N. Y., assignor to General Electric Company. Mercury sump arrangement. 2,196,003; Apr. 2.
Wood, Orville T. (See Officer, W. J., and Wood.)
Wood, Orville T., assignor to Blake Manufacturing Corporation, Clinton, Mass. Flashlight. 2,210,312; Aug. 6.
Wood, Orville T., assignor to Blake Manufacturing Corporation, Clinton, Mass. Circuit closer. 2,210,313; Aug. 6.
Wood, Orville T., assignor to Blake Manufacturing Corporation, Clinton, Mass. Flashlight. 2,213,660; Sept. 3.
Wood, Orville T., assignor to Blake Manufacturing Corporation, Clinton, Mass. Flashlight. 2,226,353; Dec. 24.
Wood, Ralph, Lawton, Okla. Supplemental rifle chamber. 2,196,136; Apr. 2.
Wood, Raymond E., Downers Grove, Ill., assignor to Oak Manufacturing Company. Vibrator. 2,213,854; Sept. 3.
Wood, Richard C. (See Mills, V., and Wood.)
Wood, Richard I. (See Cederberg, Ernest J., assignor.)
Wood, Robert T., Cleveland, Ohio, assignor, by mesne assignments, to Magnesium Development Corporation. Heat treating magnesium base alloys. 2,185,452; Jan. 2.
Wood, Robert T., Cleveland, Ohio, assignor, by mesne assignments, to Magnesium Development Corporation. Heat treating magnesium base alloys. 2,185,453; Jan. 2.
Wood, Seth, Pawtucket, R. I., assignor to U S Bobbin & Shuttle Company, Lawrence, Mass. Shuttle. 2,205,612; June 25.
Wood, Straud K., Hutchinson, Kans. Container for automobile license certificates. 2,220,310; Nov. 5.
Wood, Thomas, St. Helens, England. Manufacture of alkali metals and alkali metal hydroxides. 2,200,906; May 14.
Wood, Wallace H., assignor to Norton Company, Worcester, Mass. Feeding mechanism for grinding wheel truing apparatus. 2,203,608; June 4.
Wood, Wallace H., assignor to Norton Company, Worcester, Mass. Fluid pressure operated motor. 2,212,871; Aug. 27.
Wood, Wallace H., assignor to Norton Company, Worcester, Mass. Hydraulic table reciprocating mechanism. 2,214,394; Sept. 10.
Wood, Walter A., Detroit, Mich. Tweezers. 2,199,685; May 7.
Wood, Wilbur W., assignor to Penn Electric Switch Co., Des Moines, Iowa. Controller. 2,187,258; Jan. 16.
Wood, Wilfred R., assignor to Combustion Engineering Company, Inc., New York, N. Y. Air flow choke for bowl mills. 2,206,145; July 2.
Wood, William, Jr., Vancouver, British Columbia, Canada. Making a top lift slab. 2,199,811; May 7.
Wood, William H. (See Frey, F. F., McKinney, and Wood.)

Wood, William H., Bedford, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Preparing lithographic plates for printing. 2,186,945; Jan. 16.
Wood, William H., Bedford, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Preparing lithographic plates. 2,186,946; Jan. 16.
Wood, William H., Bedford, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Preservative for photographic developers. 2,197,016; Apr. 16.
Wood, William H., Bedford, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Fine grain photographic developer. 2,197,017; Apr. 16.
Wood, William H., Bedford, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Production of plates for printing in lithographic manner. 2,199,865; May 7.
Wood, William H., Bedford, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Printing ink extender manufacture. 2,225,289; Dec. 17.
Wood, William H., South Euclid, and O. C. Trautman, Parma, Ohio. Heat conditioned steel and method of conditioning. 2,224,998; Dec. 17
Wood, William R., assignor to The Girdler Corporation, Louisville, Ky. Purification of hydrocarbons. 2,220,138; Nov. 5.
Woodall-Duckham (1920) Limited. (See Gardner, William T., assignor.)
Woodall-Duckham (1920) Limited. (See Krall, R. F., McEwan, and Buchanan, assignors.)
Woodall, Herbert J., assignor to Woodall Industries Incorporated, Detroit, Mich. Laminated trim panel. 2,202,977; June 4.
Woodall Industries Incorporated. (See Cunnington, George R., assignor.)
Woodall Industries Incorporated. (See Randall, Meredith S., assignor.)
Woodall Industries Incorporated. (See Woodall, Herbert J., assignor.)
Woodall Industries Incorporated. (See Zinser, Paul R., assignor.)
Woodberry, Edward H., Solvay, assignor to The Lamson Company, Syracuse, N. Y. Manufacture of shoes. 2,206,275; July 2.
Woodburn, Francis I. (See Stringfellow, Henry A., assignor.)
Woodbury, Clifford A. (See Burrows, L. A., and Woodbury.)
Woodbury, Clifford A. (See Cook, M. A., Gawthrop, Wahl, and Woodbury.)
Woodbury, Stephen E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Vibration absorbing mechanism. 2,210,051; Aug. 6.
Wooddell, Charles E. (See Kirchner, H. P., and Wooddell.)
Woodeson, William A., et al. (See Smith, Ralph J., assignor.)
Woodeson, William A., Jesmond, Newcastle-on-Tyne, and W. Midgley, Monkseaton, assignors to themselves and Clarke, Chapman & Company Limited, Gateshead-on-Tyne, Durham, England. Crane equipment for the recovery of seaplanes and boats. 2,187,439; Jan. 16.
Woodeson, William A., Jesmond, Newcastle-on-Tyne, and W. Midgley, Monkseaton, assignors to themselves and Clarke, Chapman & Company Limited, Gateshead-on-Tyne, England. Launching and recovery of waterborne craft from and to ships. 2,187,714; Jan. 16.
Woodford, Arthur W., Chicago, Ill. Curl forming device. 2,199,453; May 7.
Woodford, Watson H., and E. M. Walker, Bridgeport, and A. A. Schilling, Stratford, Conn., assignors to Remington Arms Company, Inc. Ammunition. 2,214,359; Sept. 10.
Woodhead, Henry A., Aiken, S. C. Treating cloth. 2,217,534; Oct. 8.
Woodhead, James. (See Keen, H. H., and Woodhead.)
Woodhouse, John C., Cragmere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Denaturant. 2,192,119; Feb. 27.
Woodhouse, John C., Cragmere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Denaturant. 2,192,120; Feb. 27.
Woodhouse, John C., Cragmere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydraulic fluid. 2,205,183; June 18.
Woodhouse, John C., Cragmere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of aldehyde-ketone mixtures. 2,205,184; June 18.
Woodhouse, Richard L. (See Pilkington, David K., assignor.)
Woodhouse, Richard L. (See Schmitter, Walter P., assignor.)
Woodin, Charles K., Bloomington, Ill. Hand power ironer. 2,209,370; July 30.
Woodin, Charles K., assignor to The Maytag Company, Newton, Iowa. Tapered lug torque. 2,202,679; May 28.
Woodin, Charles K., assignor to The Maytag Company, Newton, Iowa. Torque drive for washing machine agitators. 2,218,275; Oct. 15.
Woodin, Charles K., assignor to The Maytag Company, Newton, Iowa. Sediment plate. 2,218,276; Oct. 15.
Woodin, William H., Jr. (See Soller, Walter, assignor.)
Wooding, Charles S., Jr., Chenoa, Ill. Corn picking machine. 2,205,707; June 25.
Woodings-Verona Tool Works. (See Dawson, Charles W., assignor.)
Woodings-Verona Tool Works. (See Di Fatta, Nicholas, assignor.)
Woodland, Cecil R. (See McClew, J. W., and Woodland.)
Woodley, Edward L., Baird, Tex., assignor of one-half to J. M. Woodley, Cotton Valley, La. Bait. 2,214,360; Sept. 10.
Woodley, James M. (See Woodley, Edward L., assignor.)
Woodling, George V., Cleveland, Ohio. Stabilizer for vehicles. 2,194,346; Mar. 19.
Woodling, George V., Cleveland, Ohio, assignor to General Motors Corporation. Air conditioning. 2,190,344; Feb. 13.
Woodling, George V., Cleveland, Ohio, assignor to General Motors Corporation. Air conditioning. 2,191,208; Feb. 20.
Woodling, George V., Cleveland, Ohio, assignor to General Motors Corporation. Air conditioning. 2,194,041; Mar. 19.
Woodman, Frank W. (See Frick, F. F., and Woodman.)
Woodman, George A., deceased, by M. W. Tufts, executor, Chicago, Ill. Spring device. 2,219,001; Oct. 22.
Woodring, Hubert E., Denver, Colo. Electrical circuit tester. 2,213,973; Sept. 10.
Woodring, Lou H (See Tade, Benjamin F., assignor.)
Woodring, William B., Alton, assignor to Western Cartridge Company, East Alton, Ill. Explosive. 2,206,652; July 2.
Woodroffe, Tom E., Otahuhu, Auckland, New Zealand. Rodent or animal trap. 2,188,696; Jan. 30.
Woodruff, Albert E., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Magneto generator. 2,192,216; Mar. 5.
Woodruff, Albert E., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Generator. 2,200,612; May 14.
Woodruff, Alfred H. (See Taylor, W. I., and Woodruff.)
Woodruff, Arthur B. (See Harrold, C. W., and Woodruff.)
Woodruff, James W. (See McGhee, C. R., and Woodruff.)
Woodruff, William N. (See Toce, C. A., Broussard, and Woodruff.)
Woodruff, William N., Houston, Tex., and N. M. Seeburg, Chicago, Ill., assignors, by mesne assignments, to Vehicular Parking, Ltd., Washington, D. C. Coin controlled timing device. 2,198,422; Apr. 23.
Wood's, Dr., Foot Appliance Co. (See Stark, Halworth E., assignor.)
Woods, Harold S., Portsmouth, N. H. Chimney flue damper. 2,218,061; Oct. 15.
Woods, Holland O., Jackson, Mich. Clothespin. 2,185,285; Jan. 2.
Woods, James H., Newton Center, Mass., assignor to Economic Steel Rack Co., Everett, Mass. Venting cap. 2,210,996; Aug. 13.
Woods, Jessie A., Ashland, Ky. Loom. 2,199,515; May 7.
Woods, Lawrence A., Venice, Calif. Excavator and pipe layer. 2,211,223; Aug. 13.
Woods, Leslie J., Philadelphia, Pa., assignor, by mesne assignments, to Pennsylvania Patents, Inc., Carson City, Nev. Radio tube and socket structure. 2,206,798; July 2.
Woods Manufacturing Company. (See Batchelder, Nelson A., assignor.)
Woods, Webster F., Kansas City, Mo. Clothes drier. 2,198,299; Apr. 23.
Woodside, Albert L., Butte, Mont., assignor to C. E. Woodside, Spokane, Wash. Electric socket and plug. 2,221,280; Nov. 12.
Woodside, Charles E. (See Woodside, Albert L., assignor.)
Woodson, James C. (See Wilson, L., and Woodson.)
Woodson, James C., assignor to Lee Wilson Sales Corporation, Cleveland, Ohio. Radiant tube furnace. 2,193,362; Mar. 12.
Woodson, James C., assignor to Lee Wilson Engineering Company, Cleveland, Ohio. Thermocouple support. 2,194,489; Mar. 26.
Woodson, James C., assignor to Lee Wilson Sales Corporation, Cleveland, Ohio. Heating apparatus. 2,200,731; May 14.
Woodson, James C., assignor to Lee Wilson Sales Corporation, Cleveland, Ohio. Apparatus for annealing strip. 2,200,732; May 14.
Woodson, James C., assignor to Lee Wilson Sales Corporation, Cleveland, Ohio. Fuel supply and ignition system. 2,201,385; May 21.
Woodson, James C., assignor to Lee Wilson Sales Corporation, Cleveland, Ohio. Apparatus for heating. 2,201,386; May 21.
Woodson, Omer L., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Unloading relief valve. 2,217,880; Oct. 15.
Woodson, Thomas T., Schenectady, N. Y., assignor to General Electric Company. Variable capacitor. 2,192,764; Mar. 5.
Woodson, Thomas T., Schenectady, N. Y., assignor to General Electric Company. Mercury vapor detector. 2,227,117; Dec. 31.
Woodward, Arthur A., assignor to Skinner Motors, Inc., Detroit, Mich. Tow cycle internal combustion engine valve mechanism. 2,194,252; Mar. 19.

Woodward, Arthur H., Winnetka, assignor to International Register Company, Chicago, Ill. Meter and mounting therefor. 2,192,392; Mar. 5.
Woodward, Arthur H., Winnetka, W. E. Richmond, Wilmette, and E. H. Thompson, Winnetka, assignors to International Register Company, Chicago, Ill. Vending machine. Re. 21,451; May 14.
Woodward, Bernard, Erie, Pa., assignor to General Electric Company. Controller. 2,198,469; Apr. 23.
Woodward, Clement A., Roslindale, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Nut member. 2,208,532; July 16.
Woodward, Clement A., Roslindale, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Indicating device. 2,215,260; Sept. 17.
Woodward, Elmer E., assignor to Woodward Governor Company, Rockford, Ill. Governor mechanism. 2,204,639; June 18.
Woodward, Elmer E., assignor to Woodward Governor Company, Rockford, Ill. Governor mechanism. 2,204,640; June 18.
Woodward Governor Company. (See Kalin, Albert, assignor.)
Woodward Governor Company. (See Martin, I. C., and Thorell, assignors.)
Woodward Governor Company. (See Woodward, Elmer E., assignor.)
Woodward, Harold E. (See Daudt, H. W., and Woodward.)
Woodward, Truman S. (See Francis, C. B., Wolthorn, and Woodward.)
Woodward, William E., Forest Hills, N. Y. Direct indicating locomotive reverse gear. 2,198,429; Apr. 23.
Woodward, William L., South Yarmouth, and M. G. Limb, West Yarmouth, assignors, by mesne assignments, to Cape Cod Instrument Company, Hyannis, Mass. Radio direction finder. 2,220,008; Oct. 29.
Woodworth, John L., Schenectady, N. Y., assignor to General Electric Company. Carrier current system. 2,192,061; Feb. 27.
Woodworth, Leon B., Durban, Natal, Union of South Africa, assignor of an undivided share to Central Mining and Investment Corporation, Limited, Johannesburg, Union of South Africa. Electric detonator. 2,226,988; Dec. 31.
Woodworth, Roy D., Rocky River, Ohio. Wall construction. 2,213,355; Sept. 3.
Woody, Charles L. (See Kempf, H. H., and Woody.)
Woody, Covel, assignor of twenty-five per cent to C. W. Guernsey, Ogden, Utah. Line guide copyholder measure. 2,214,395; Sept. 10.
Woody, Wayland B., assignor to Franks Manufacturing Corporation, Tulsa, Okla. Portable derrick mast. 2,204,716; June 18.
Wool, Frank A., San Jose, Calif. Apparatus for dicing fruit. 2,211,919; Aug. 20.
Woolard, Edward H. (See Purser, J. H., and Woolard.)
Woolcock, James W. (See Warne, K. C., and Woolcock.)
Woolery, Horace E., St. Paul, Minn. Furnace construction. 2,205,451; June 25.
Woolery, Horace E., St. Paul, Minn. Railway tie cutting machine. 2,207,883; July 16.
Woolf, William L., Bayside, assignor, by mesne assignments, to Recordgraph Corporation, New York, N. Y. Indexing and finding means for sound recording and reproducing machines. 2,191,691; Feb. 27.
Woolf, William L., Bayside, Long Island, assignor to Recordgraph Corporation, New York, N. Y. Speed control for sound record medium. 2,221,661; Nov. 12.
Woolley, George H. (See Smith, T., Woolley, and Hall.)
Woolley, Kenneth C., and H. J. Hebert, Houston, Tex. Union. 2,208,353; July 16.
Woolley, Park. (See Adams, G. L., Starkey, and Woolley.)
Woolley, Rew E., Shaker Heights, Ohio, assignor to Bailey Meter Company. Measuring apparatus. 2,199,769; May 7.
Woolley, Vasser, assignor to Seydel-Woolley & Company, Atlanta, Ga. Producing fuzzy or imitation fiber yarn from continuous filament yarns. 2,191,417; Feb. 20.
Woolridge Manufacturing Company. (See Clark, Gerald, L., assignor.)
Woolvin, Clarence S. (See Evans, J. G., Piggott, and Woolvin.)
Woolvin, Clarence S. (See Piggott, H. A., and Woolvin.)
Wooster Brass Company, The. (See Schellin, J. C., and Housekeeper, assignors.)
Wooster, Philip A., San Francisco, Calif. Operating mechanism for dispensing devices. 2,197,284; Apr. 16. 16.
Wooster, Philip A., San Francisco, Calif. Dispensing device. 2,202,183; May 28.
Wooster Products Inc. (See Oster, Joseph, assignor.)
Worcester Knitting Company, The. (See Henne, Adolf H., assignor.)
Worcester Taper Pin Company. (See Sibley, Paul, assignor.)
Worden, Ralph C., Buffalo, N. Y. Tiled wall. 2,202,568; May 28.
Worden, Van C., Detroit, Mich., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor device. 2,198,100; Apr. 23
Worel, Glenn J. (See Champion, E. R., and Worel.)
Worel, Glen J., assignor to Thexton Manufacturing Company, Inc., Minneapolis, Minn. Oil pressure regulator. 2,202,074; May 28.
Work, Ernest W., assignor to The Beaton & Cadwell Manufacturing Company, New Britain, Conn. Vacuum breaker. 2,189,694; Feb. 6.
Work, Harold K., Oakmont, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Controlling Bessemer converter. 2,207,309; July 9.
Workman, James, assignor of one-fifth to T. Lee, Portage ville, and one-fifth to R. F. Baynes, New Madrid, Mo. Piston. 2,208,782; July 23.
Workman, James M., Winnsboro, S. C. Building construction. 2,215,773; Sept. 24.
Works, Madden T. (See Allen, H., Tennant, and Works.)
Works, Madden T. (See Allen, H., and Works.)
Worlatschek, John, assignor to Burke & James, Inc., Chicago, Ill. Negative carrier for enlargers. 2,207,211; July 9.
Worley & Co. (See Crilly, W. P., and Burke, assignors.)
Worm, Oskar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Flat full-fashioned knitting machine operating with variable strokes of the slur cock. 2,195,350; Mar. 26.
Wormley, Jonathan R., Ransom, Ill. Diesel engine. 2,215,202; Sept. 17.
Wörn, Ernst. (See van Beek, H., Wörn, Lohmann, and Jesse, assignors.)
Worne, Howard, Newark, N. J., assignor to S. Brass, New York, N. Y. Antiseptic preparation. 2,190,749; Feb. 20.
Worobjeff, Nicolas, assignor to The Harland Engineering Company, Limited, London, England. Electric governor. 2,224,581; Dec. 10.
Worrall, John H. (See Bloch, R., and Worrall.)
Worrall, Robert H., Washington, D. C. Signaling device for motor vehicles. 2,219,351; Oct. 29.
Worsnop, Stanley L., East Cleveland, assignor to The Warner & Swasey Company, Cleveland, Ohio. Surface speeed indicator. 2,225,849; Dec. 24.
Wortendyke Manufacturing Company. (See Thomson, William M., assignor.)
Worth, Francis C., Brooklyn, N. Y. Projection apparatus for colored transparencies or the like. 2,194,240; Mar. 19.
Worth, Joseph B., Petersburg, Va. Mercury switch. 2,201,754; May 21.
Worth, Weldon, Dayton, Ohio. Oil dilution system. 2,188,801; Jan. 30.
Wortham, Tony. (See Himes, David N., assignor.)
Wortham, William E., St. Louis, Mo. Holder for eyeglasses. 2,202,242; May 28.
Wortham, William E., Franklin, Ky. Spectacle holder. 2,226,684; Dec. 31.
Worthing, Archie G., Pittsburgh, and R. Euler, Sewickley, Pa. Paint removal. 2,221,318; Nov. 12.
Worthington, Arnold V., Oakland, Calif. Drinking fountain attachment for faucets. 2,222,273; Nov. 19.
Worthington, Emory W., assignor to The Goss Printing Press Company, Chicago, Ill. Rotary inking mechanism. 2,212,137; Aug. 20.
Worthington, Everett, deceased, Scarsdale, N. Y., by L. Worthington, administratrix, Oakland, Calif., assignor to American Can Company, New York, N. Y. Handle. 2,221,829; Nov. 19.
Worthington, George D. (See Gethin, E. L., and Worthington.)
Worthington, James B., and V. Bartley, Oklahoma City, Okla. Bioscope cabinet. 2,221,160; Nov. 12.
Worthington, Lucile, administratrix. (See Worthington, Everett.)
Worthington Pump and Machinery Corporation. (See Atkins, Thomas J., assignor.)
Worthington Pump and Machinery Corporation. (See Brigham, Nelson E., assignor.)
Worthington Pump and Machinery Corporation. (See Dorer, Oscar H., assignor.)
Worthington Pump and Machinery Corporation. (See Evelyn, Steven F., assignor.)
Worthington Pump and Machinery Corporation. (See Ewer, Roland G., assignor.)
Worthington Pump and Machinery Corporation. (See Holveck, Joseph E., assignor.)
Worthington Pump & Machinery Corporation. (See Holveck, J. E., and Brigham, assignors.)
Worthington Pump and Machinery Corporation. (See Karassik, Igor J., assignor.)
Worthington Pump and Machinery Corporation. (See McBath, Bartley R., assignor.)
Worthington Pump and Machinery Corporation. (See Saharoff, Alexander V., assignor.)
Worthington Pump and Machinery Corporation. (See Schorle, Herman J., assignor.)
Worthington Pump and Machinery Corporation. (See Voorhees, E., and Ewer, assignors.)
Wortz, Charles G. (See Howk, B. W., and Wortz.)
Wortz, Charles G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of long-chain aliphatic mononitriles. 2,205,076; June 18.
Wotring, Royal R. (See King, J. H. and Wotring.)
Wouters, Alexander, New York, N. Y. Holding clip for partition plates. 2,220,469; Nov. 5.
Wrap-Ade Machine Company. (See Salfisberg, Leroy L., assignor.)
Wrathall, Richard T., J. Allan and J. A. Wainwright, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of textile materials. 2,192,958; Mar. 12.

Wright Aeronautical Corporation. (See Browne, Kenneth A., assignor.)
Wright Aeronautical Corporation. (See Browne, K. A., and Hunter, assignors.)
Wright Aeronautical Corporation. (See Brunelle, August, assignor.)
Wright Aeronautical Corporation. (See Campbell, Kenneth, assignor.)
Wright Aeronautical Corporation. (See Chilton, Roland, assignor.)
Wright Aeronautical Corporation. (See Costello, John V., assignor.)
Wright Aeronautical Corporation. (See Daub, Rudolph, assignor.)
Wright Aeronautical Corporation. (See Goodman, Willard B., assignor.)
Wright Aeronautical Corporation. (See Hill, Henry C., assignor.)
Wright Aeronautical Corporation. (See Lundquist, Wilton G., assignor.)
Wright Aeronautical Corporation. (See Pierce, Erold F., assignor.)
Wright Aeronautical Corporation. (See Sollinger, Ferdinand P., assignor.)
Wright Aeronautical Corporation. (See Sulzman, Edmund C., assignor.)
Wright Aeronautical Corporation. (See Taylor, P. B., and Lundquist, assignors.)
Wright, Alfred, Philadelphia, Pa., assignor to J. Harris Warthman, trustee. Pile fabric. 2,203,450; June 4.
Wright, Alfred G., Philadelphia, Pa. Mouth prop and light carrier. 2,201,331; May 21.
Wright, Carl, Geneva, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Forming tubes. 2,199,602; May 7.
Wright, Carl O., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,224,497; 2,224,497; Dec. 10.
Wright, Charles F., Akron, Ohio, assignor to The Diamond Match Company, New York, N. Y. Applying match ignition material to book matches, etc. 2,191,149; Feb. 20.
Wright, Charles F., Akron, Ohio, assignor to The Diamond Match Company, New York, N. Y. Cover tucking and book ejecting mechanism for match booking machines. 2,195,197; Mar. 26.
Wright, Charles F., Akron, Ohio, assignor to The Diamond Match Company, New York, N. Y. Cover tucking mechanism for match booking machines. 2,211,359; Aug. 13.
Wright, Charles F., Akron, Ohio, assignor to The Diamond Match Company, New York, N. Y. Machine for packing matches. 2,226,685; Dec. 31.
Wright, Charles G., Seattle, Wash., assignor of one-third to H. W. Johnson, and one-third to K. K. Kendrick, Portland, Oreg. Storage battery terminal clamp. 2,196,717; Apr. 9.
Wright, Clyde E. (See Ingwer, C. H., and Wright.)
Wright, Clyde E., Elyria, assignor to The Ridge Tool Company, North Ridgeville, Ohio. Pipe wrench. 2,192,702; Mar. 5.
Wright, Daniel K., Cleveland Heights, Ohio, assignor to General Electric Company. Electric projection device. 2,190,528; Feb. 13.
Wright, Daniel K., Cleveland Heights, Ohio, assignor to General Electric Company. Electric lamp and mounting therefor. 2,194,373; Mar. 19.
Wright, Daniel K., Cleveland Heights, Ohio, and F. H. Weston, Bridgeport, Conn., assignors to General Electric Company. Electric translation device mounting and the like. 2,201,874; May 21.
Wright, Denis, Liverpool, England, assignor to Associated Telephone & Teleegraph Company, Chicago, Ill. Automatic switch as used in telephone or like systems. 2,186,313; Jan. 9.
Wright, Denis, Liverpool, England, assignor to Associated Telephone & Telegraph Company, Chicago, Ill. Automatic switch. 2,205,587; June 25.
Wright, E. T., & Company. (See Donovan, Alfred W. and A. F., assignors.)
Wright, Edward J. (See Brady, John F., assignor.)
Wright, Edward M., La Mesa, and R. E. Collins, San Diego; said Collins assignor to G. M. Roudabush, La Mesa, Calif. Hacksaw frame. 2,197,285; Apr. 16.
Wright, Edwin C. (See Dugan, T. M., and Wright.)
Wright, Edwin C., Beaver, Pa., assignor to National Tube Company. Making of seamless steel tubes. 2,218,458; Oct. 15.
Wright, Erasmus T., St. Louis, Mo. Folding crib. 2,205,452; June 25.
Wright, Esmond P. G., London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Condenser storage equipment. 2,208,655; July 23.
Wright, Fred C. (See Orthmann, A. C., and Wright.)
Wright, Frederick E., and J. L. England, assignors to Carnegie Institution of Washington, Washington, D. C. Gravity torsion balance. 2,218,140; Oct. 15.
Wright, Horace C., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Shearing machine. 2,194,515; Mar. 26.
Wright, Howard S., and L. P. Martin, assignors to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Reservoir desk stand. 2,215,630; Sept. 24.
Wright, James C. (See Bower, J. H., and Wright.)
Wright, James M., Quitman, Ga. Bicycle. 2,185,698; Jan. 2.
Wright, Jesse C., Los Angeles, Calif., deceased; M. H. Wright, executrix, distributed by court order to M. H. Wright, widow. Tool for straightening well bores. 2,197,991; Apr. 23.
Wright, John Lloyd, Inc. (See Forbes, James B., assignor.)
Wright, John S., Tacoma, Wash. Electric heater. 2,225,850; Dec. 24.
Wright, Joseph. (See Beharrell, G. E., Wright, and Trevaskis.)
Wright, Joseph T., Cincinnati, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Overhung clincher support. 2,194,628; Mar. 26.
Wright, Joseph T., Cincinnati, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Wire stitching machine. 2,226,598; Dec. 31.
Wright, Le Roy G., Cleveland, Ohio, assignor to Right Sales, Inc., New York, N. Y. Photorinser. 2,220,567; Nov. 5.
Wright, Martha H. (See Creighton, T. A., and McMahan, assignors.)
Wright, Martha H., executrix. (See Wright, Jesse C.)
Wright, Mary A. (See Larsen, Edgar H., assignor.)
Wright, Milo P., Bucklin, Kans. Note finder. 2,204,641; June 18.
Wright, Norman L., assignor to The Bahnson Company, Winston-Salem, N. C. Automatic fluid port cleaner. 2,218,446; Oct. 15.
Wright, Parvin, Seattle, Wash., assignor to Acme Steel Company, Chicago, Ill. Box strapping machine. 2,194,108; Mar. 19.
Wright, Parvin, Seattle, Wash., assignor to The Stanley Works, New Britain, Conn. Wire tying machine. 2,195,043; Mar. 26.
Wright, Peter, Hillside, assignor to C. Eisen and J. J. Haesler, Montclair, N. J. Producing hard metal carbide alloys. 2,193,413; Mar. 12.
Wright, Peter, Hillside, assignor to Carl Eisen and J. J. Haesler, Montclair, N. J. Attaching hard alloys. 2,210,314; Aug. 6.
Wright, Randolph L. (See Wright, Theodore S., assignor.)
Wright, Russell B., Washington, D. C. Oscillating mechanical or electromechanical system. 2,224,891; Dec. 17.
Wright, Sumner B., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control of transmission and two-way signaling systems. 2,206,146; July 2.
Wright, Theodore M. (See Osborne, F. H., and Wright.)
Wright, Theodore M., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Tone arm support assembly for phonographs. 2,216,029; Sept. 24.
Wright, Theodore M., North Tonawanda, N. Y., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Remote control device for sound records. 2,220,434; Nov. 5.
Wright, Theodore M., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Automatic phonograph. 2,220,435; Nov. 5.
Wright, Theodore S., assignor of one-third to R. L. Wright, Sumter, S. C. Wire stretching and loop forming device. 2,195,763; Apr. 2.
Wright, Thomas F., Rochester, N. Y. Breathing apparatus. 2,222,971; Nov. 26.
Wright, Thomas H., Los Angeles, Calif. Air and moisture distribution for greenhouses. 2,193,911; Mar. 19.
Wright Tool and Forge Company, The. (See Stone, Arthur P., assignor.)
Wright, Walter F. (See Dall, Edward D., assignor.)
Wright, Wilbert H., Follansbee, W. Va. and W. K. Ballard, Steubenville, Ohio. Gas or liquid seal. 2,212,138; Aug. 20.
Wright, William, assignor of one-half to J. V. Wescott, and one-half to C. M. Baker, Chicago, Ill. Pipe clamp. 2,219,880; Oct. 29.
Wright, William F., Los Angeles, assignor to E. R. Radabaugh, San Pedro, Calif. Wheel balancing weight. 2,197,422; Apr. 16.
Wright, William F., Riverton, assignor to William L. Gilbert Clock Corporation, Winsted, Conn. Clock mechanism. 2,216,482; Oct. 1.
Wrighton, William J. (See Goddu, L. W., and Wrighton.)
Wright's Underwear Company. (See Hurd, William, assignor.)
Wrightsman, Philip G. (See Peterson, R. F., and Wrightsman.)
Wrigley, Wm., Jr., Company. (See Conner, Herbert W., assignor.)
Wrigley, Wm., Jr., Company. (See Ranney, Willet B., assignor.)
Wrigley, Wm., Jr., Company. (See Redd, William R., assignor.)
Writzmann, Alex A. (See Millermaster, R. A., and Writzmann.)
Wruk, Frank T. (See Jensen, O. M., Wruk, and Whitley.)
Wuehr, William L., Port Arthur, Tex. Internal combustion engine. 2,217,192; Oct. 8.
Wuellner, Arthur A., Columbus, Ohio. Anchoring device. 2,199,533; May 7.
Wuerfel, William, assignor to Wilkening Manufacturing Company, Philadelphia, Pa. Piston construction. 2,204,642; June 18.

Wuertz, Alexander J., Villa Monterey, Del., and W. L. Rintelman, Elmer, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,204,741; June 18.
Wuertz, Alexander J., Wilmington, Del., and W. Rintelman, Glassbord, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,204,742; June 18.
Wuest, Judson R., Monroe, Mich. Dog carrier for motor vehicles. 2,194,993; Mar. 26.
Wuille, Phillip H., Charlotte, N. C. Envelope feeding mechanism. 2,214,265; Sept. 10.
Wulf, Charles A., Indianapolis, Ind. Stencil screen and making the same. 2,209,499; July 30.
Wulfert, Otto, assignor to Wagner Electric Corporation, St. Louis, Mo. Flexible coupling. 2,224,465; Dec. 10.
Wulff, John F., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Cutting tool. 2,209,751; July 30.
Wülfing, Johann A., Chemische Fabrik. (See Sturm, E., and Fleischmann, assignors.)
Wunderlich, Friedrich, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Endurance testing machine for springs. 2,222,892; Nov. 26.
Wundt, Rolf M., Eberswalde, and A. Katsch, Lichterfelde, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electron tube. 2,212,578; Aug. 27.
Wünsch, Guido, Berlin-Steglitz, Germany, assignor to Askania-Werke A. G. Servomotor mounting. 2,194,374; Mar. 19.
Wünsch, Guido, Berlin-Steglitz, Germany, assignor to Askania-Werke A. G. Motion transmission system. 2,204,460; June 11.
Wünsch, Guido, Berlin-Steglitz, Germany, assignor to Askania-Werke A. G. Course indicating device. 2,217,633; Oct. 8.
Wünsch, Guido, Berlin-Steglitz, Germany, assignor to Askania-Werke A. G. Gyro-magnetic compass. 2,222,458; Nov. 19.
Wünsch, Guido, Berlin-Steglitz, and J. Schuppert, Dessau, Germany, assignors to Askania-Werke A. G. Vormals Central Werkstatt Dessau und Carl Bamberg-Friedenau. Safety device for heating and other apparatus. 2,189,829; Feb. 13.
Wunsch, Joseph W., Brooklyn, N. Y. Load handling mechanism. 2,223,863; Dec. 3.
Wunscsh, Julius A., and C. A. Marlies, New York, N. Y., assignors to The Lubri-Zol Development Corporation. Lubricant. 2,205,740; June 25.
Wurlitzer, Rudolph, Company. (See Christensen, Andrew B., assignor.)
Wurlitzer, Rudolph, Company, The. (See Farny, Cyril, assignor.)
Wurlitzer, Rudolph, Company, The. (See Hokanson, Otta A., assignor.)
Wurlitzer, Rudolph, Company, The. (See Hokanson, O. A., and Jones, assignors.)
Wurlitzer, Rudolph, Company, The. (See Hussey, Howard E., assignor.)
Wurlitzer, Rudolph, Company, The. (See Lannerd, Paul U., assignor.)
Wurlitzer, Rudolph, Company, The. (See Leggett, Guy O., assignor.)
Wurlitzer, Rudolph, Company, The. (See Lindeberg, Carl, assignor.)
Wurlitzer, Rudolph, Company, The. (See Maurer, Howard F., assignor.)
Wurlitzer, Rudolph, Company, The. (See Mitchell, John R., assignor.)
Wurlitzer, Rudolph, Company, The. (See Morrison, Vaughn E., assignor.)
Wurlitzer, Rudolph, Company, The. (See Osborne, F. H., and Wright, assignors.)
Wurlitzer, Rudolph, Company, The. (See Riggs, John H., assignor.)
Wurlitzer, Rudolph, Company, The. (See Sperry, Ralph W. E., assignor.)
Wurlitzer, Rudolph, Company, The. (See Schmidt, Francis M., assignor.)
Wurlitzer, Rudolph, Company, The. (See Wright, Theodore M., assignor.)
Wurlitzer, Rudolph, Company, The. (See Zaiser, William, assignor.)
Wurr, Carl, Berlin-Lichterfelde, Germany, assignor to Askania-Werke A. G. Apparatus for creating or measuring forces. 2,190,506; Feb. 13.
Wurtele, Allan R., New Roads, La. Internal combustion engine. 2,218,321; Oct. 15.
Wurton Machine Company. (See Touton, Rush D., assignor.)
Wussow, Reinhard, Berlin-Charlottenburg, and F. W. Fechner, Hamburg, Germany. Refrigerating apparatus. 2,221,212; Nov. 12.
Wüstenberg, Herbert, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 2,187,508; Jan. 16.
Wyatt, Bernard L., assignor to The Wyatt Research Foundation, Tucson, Ariz. Ephedrine iodide and compound. 2,218,900; Oct. 22.
Wyatt, Evan E., Los Angeles, Calif. Front bumper with license plate. 2,194,042; Mar. 19.
Wyatt, James R., Camden, N. J., assignor to Ajax Electric Furnace Corporation, Philadelphia, Pa. Refining furnace. 2,213,295; Sept. 3.
Wyatt, Kenneth S. (See Komives, L. J., Wyatt, Courtis, Thomas, and Piper, assignors.)
Wyatt, Raymond A., Canton, Ohio, assignor to Differential Wheel Corporation. Dual wheel structure. 2,190,583; Feb. 13.
Wyatt Research Foundation, The. (See Wyatt, Bernard L., assignor.)
Wyckoff, Ralph D., Houston, Tex., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Seismograph prospecting apparatus. 2,217,828; Oct. 15.
Wyckoff, William Le R., Detroit, Mich. Cabinet. 2,214,291; Sept. 10.
Wydler, Johann J., Westfield, assignor to Power Patents Company, Hillside, N. J. Gas pump. 2,226,539; Dec. 31.
Wyer, Richard F., Scotia, N. Y., assignor to General Electric Company. Electric deseaming. 2,196,884; Apr. 9.
Wylde, Joseph R. (See Finlayson, D., and Wylde.)
Wylde, Joseph R., and D. Finlayson, Spondon, near Derby, England, assignors to Celanese Corporation of America. Producing crepe and other highly twisted yarns. 2,198,648; Apr. 30.
Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Preparation of pentaerythritol. 2,186,272; Jan. 9.
Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Explosive. 2,195,551; Apr. 2.
Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Preparation of pentaerythritol. 2,206,379; July 2.
Wyler, Max. (See Sheldrick, G., and Wyler.)
Wyler, Max, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Readily soluble basic coloring matter. 2,196,885; Apr. 9.
Wyler, Max, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Producing coloring matters of the phthalocyanine series. 2,197,458; Apr. 16.
Wyler, Max, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Phthalocyanine coloring matter. 2,197,459; Apr. 16.
Wyler, Max, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Compounds of the phthalocyanine series. 2,213,726; Sept. 3.
Wyler, Max, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of coloring matters. 2,216,761; Oct. 8.
Wyler, Max, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of coloring matter. 2,216,867; Oct. 8.
Wyler, Max, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of coloring matters. 2,216,868; Oct. 8.
Wylie, Charles A., San Bernadino, Calif. Combination bassinet and carriage. 2,191,005; Feb. 20.
Wylie, Ernest L., St. Louis, Mo. Oil shield for internal combustion engines. 2,222,792; Nov. 26.
Wylie, Howard W., Seattle, Wash., assignor to Mailler Searles, Inc., San Francisco, Calif. Conveyer. 2,202,882; June 4.
Wylie, Howard W., Seattle, Wash., assignor to Mathews Conveyer Company, Ellwood City, Pa. Elevator. 2,220,191; Nov. 5.
Wylie, Joe S., Oklahoma City, Okla. Pipe cleaner. 2,214,982; Sept. 17.
Wylde, Joseph R. (See Bell, A. S., and Wylde.)
Wyllie, William. (See Velasco, A. R., and Wyllie.)
Wyman, Claude P., Minneapolis, Minn. Golf bag 2,217,353; Oct. 8.
Wyman-Gordon Company. (See Exter, Robert J., assignor.)
Wyman, Lewis H., Sr., Quanah, Tex. Towel rack for kitchen cabinets. 2,211,308; Aug. 13.
Wyman, Louis W., Silverton, Colo. Pie pan. 2,196,574; Apr. 9.
Wymer, Floyd P. (See Ross, D. E., Knoy, and Wymer.)
Wynings, Etta, guardian. (See Wynings, Royal W.)
Wynings, Royal W., incompetent; E. Wynings, guardian, assignor to E. Keefer, Youngstown, Ohio. Vacuum jar cap seal. 2,212,804; Aug. 27.
Wynn, Glenn E., and R. G. Huggins, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Apparatus for and method of selecting fractions from fractionating condensers. 2,198,325; Apr. 23.
Wynn, Sydney P., Bowdon, Altrincham, England, assignor to The Superheater Company, New York, N. Y. Return bend clamp block. 2,225,760; Dec. 24.
Wynne, Charles G. (See Warmisham, A., and Wynne.)
Wyres, Samuel, Warren, Ohio. Package opener. 2,204,267; June 11.
Wyrick, Clayton E., Wyandotte, Mich. Printing machine. 2,187,722; Jan. 23.
Wyrick, Clayton E., Wyandotte, Mich. Printing machine. 2,198,581; Apr. 23.
Wyrick, Clayton E., Wyandotte, Mich. Printing machine. 2,225,962; Dec. 24.
Wyrick, Clayton E., Wyandotte, Mich. Printing machine. 2,226,888; Dec. 31.
Wysong, Charles F., Atlanta, Ga. Metal tiling. 2,190,818; Feb. 20.
Wyss, Oswald F. (See Schmid, Alfred, assignor.)

Xenis, Constantine P., Little Neck, Long Island, assignor to Consolidated Edison Company of New York, Inc., New York, N. Y. Insulating pad for electrical junctions. 2,209.743; July 30.
Xenis, Constantine P., Little Neck, Long Island, assignor to Consolidated Edison Company of New York, Inc., New York, N. Y. Fusible connecting terminal. 2,222,642; Nov. 26.
X-Sellent Novelty Company, The. (See Zumft, George V., assignor.)
Yabroff, David L., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Removing acid components from hydrocarbon distillates. 2,186,398; Jan. 9.
Yabroff, David L., Berkley, assignor to Shell Development Company, San Francisco, Calif. Removing acid components from hydrocarbon distillates. 2,212,105; Aug. 20.
Yabroff, David L., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Removing acid components from hydrocarbon distillates. 2,212,106; Aug. 20.
Yabroff, David L., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Removing acid components from hydrocarbon distillates. 2,212,107; Aug. 20.
Yabroff, David L., Berkeley, and E. R. White, Albany, assignors to Shell Development Company, San Francisco, Calif. Removal of mercaptans from hydrocarbon distillates. 2,202,039; May 28.
Yabroff, David L., Berkeley, and E. R. White, Albany, assignors to Shell Development Company, San Francisco, Calif. Removal of acid components from hydrocarbon distillates. 2,223,798; Dec. 3.
Yadoff, Oleg, Issy-les-Moulineaux, France. Alloy with artificial radio activity. 2,225,938; Dec. 24.
Yagel, Howard J., Lancaster, Ohio. Cable opener and stripper. 2,220,631; Nov. 5.
Yagle, Leonard W., assignor to Battenfeld, Grease and Oil Corporation, Kansas City, Mo. Grease. 2,186,514; Jan. 9.
Yaglou, Constantin P., Boston, Mass. Aerological instrument. 2,197,564; Apr. 16.
Yagodnik, Joseph W., Chicago, Ill. Pocket structure. 2,218,228; Oct. 15.
Yale & Towne Manufacturing Company, The. (See Bannenberg, Wilhelm, assignor.)
Yale & Towne Manufacturing Company, The. (See Brauning, Karl A., assignor.)
Yale & Towne Manufacturing Company, The. (See Brinton, Joseph H., assignor.)
Yale & Towne Manufacturing Company, The. (See Golden, A. H., and Ledin, assignors.)
Yale & Towne Manufacturing Company, The. (See Johnston, George E., assignor.)
Yale & Towne Manufacturing Company, The. (See Ledin, Charles, assignor.)
Yale & Towne Manufacturing Company, The. (See Lowe, Charles B., assignor.)
Yale & Towne Manufacturing Company, The. (See Martian, Avagim, assignor.)
Yale & Towne Manufacturing Company, The. (See Potter, Robert S., assignor.)
Yale & Towne Manufacturing Company, The. (See Quayle, George, assignor.)
Yale & Towne Manufacturing Company, The. (See Schroeder, Charles S., assignor.)
Yale & Towne Manufacturing Company, The. (See Ulinski, Bronislaus, assignor.)
Yale & Towne Manufacturing Company, The. (See Vossenberg, Frank A., assignor.)
Yale & Towne Manufacturing Company, The. (See Wartian, Avagim, assignor.)
Yamada, Kiiti, Nagoya, Japan. Safety automatic stopping device for automobiles and the like vehicles. 2,185,936; Jan. 2.
Yamagata, Hidesuke, Tokyo, Japan. Refining clayey iron ores. 2,205,896; June 25.
Yamamoto, Tatsuji. (See Masumoto, H., and Yamamoto.)
Yamanaka, Toshio, Los Angeles, Calif. Variable speed apparatus. 2,213,778; Sept. 3.
Yamanouchi, Akira. (See Kajita, T., Inoue, and Yamanouchi.)
Yancey, John R., assignor to Gray Tool Company, Houston, Tex. Casing head. 2,207,471; July 9.
Yancey, William O., San Francisco, Calif. Toy submarine. 2,213,079; Aug. 27.
Yanes, Francisco G., assignor of thirty per cent to T. Pacanins, New York, N. Y., and fifteen per cent to F. Gomez, Trujillo City, Dominican Republic. Brightening the colors in the subtractive synthesis of color photography. 2,188,697; Jan. 30.
Yanes, Francisco G., assignor of thirty percent to T. Pacanins, New York, N. Y., and fifteen percent to F. Gomez, Trujillo City, Dominican Republic. Tonochromatic system and film. 2,211,806; Aug. 20.
Yanes, Francisco G., assignor of thirty percent to T. Pacanins, New York, N. Y., and fifteen percent to F. Gomez, Trujillo City, Dominican Republic. Producing pictures by discharge. 2.211,807; Aug. 20.
Yanick, Nicholas S., assignor to United States Gypsum Company, Chicago, Ill. Retarder for cementitious material. 2,207,336; July 9.
Yankee Metal Products Corp. (See Putterman, B., and Reed, assignors.)
Yankee, Ralph D., Kansas City, Mo. Wheel structure. 2,219,156; Oct. 22.
Yanney, George W., assignor to The Alliance Machine Company, Alliance, Ohio. Balancing wheel for charging machine carriages or the like. 2,215,896; Sept. 24.
Yant, William P., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Filter element. 2,206,684; July 2.
Yantes, Edmond N., Melbourne, Fla. Seat recoil check. 2,201,280; May 21.
Yantis, George A., Elma, Wash. Dental casting apparatus. 2,219,538; Oct. 29.
Yantiss, Jesse A., Haifa, Palestine. Twist drill grinding attachment. 2,202,819; June 4.
"Yard-Man", Inc. (See Funk, Truman B., assignor.)
Yarnall-Waring Company. (See Kinderman, Walter J., assignor.)
Yasenko, John, East St. Louis, Ill. Railway, mine, and trolley switch. 2,216,578; Oct. 1.
Yasuda, Toshio, and T. Miyazaki, Tokyo, Japan. Acoustic device. 2,192,464; Mar. 5.
Yates, Alton F., Salt Lake City, Utah. Furnace. 2,214,495; Sept. 10.
Yates, Arthur E., Flintstone, Ga. Plaiter-down folding attachment and method of laying the cloth. 2,218,062; Oct. 15.
Yates, Arthur E., Flintstone, Ga. Dye jig. 2,223,811; Dec. 3.
Yates, George. (See Watson, Richard D., assignor.)
Yates, Harry, assignor to W. & T. Avery Limited, Birmingham, England. Machine for testing the hardness of materials. 2,217,089; Oct. 8.
Yates, John, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Package. 2,186,087; Jan. 9.
Yates, John, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Making a package. 2,213,602; Sept. 3.
Yates, John, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Tea or coffee bag and making the same. 2,224,753; Dec. 10.
Yates, Laurence A., Orchard Park, N. Y. Safety cord lock. 2,217,585; Oct. 8.
Yaw, Homer J. (See Cady, Charles L., assignor.)
Yawman and Erbe Mfg. Co. (See Clark, James R., assignor.)
Yawman & Erbe Mfg. Co. (See Roscoe, Edwin S., assignor.)
Yawman, Harvey H. (See Pratt, S. F., and Yawman.)
Yeager, John L., Jr., Akron, Ohio. Attachment for putting iron. 2,223,437; Dec. 3.
Yeatts, William, West Friendship, Md., assignor to G. C. Zouras, Washington, D. C. Jar vise. 2,199,516; May 7.
Yejeski, Lech, New York, N. Y. Apparatus for manufacturing compressed fluid containers. 2,189,852; Feb. 13.
Yellow Truck & Coach Manufacturing Company. (See Austin, Dwight E., assignor.)
Yellow Truck & Coach Manufacturing Company. (See Eichner, Ferdinand R., assignor.)
Yellow Truck & Coach Manufacturing Company. (See Fox, Harold E., assignor.)
Yellow Truck & Coach Manufacturing Company. (See Nelson, Laurence A., assignor.)
Yellow Truck & Coach Manufacturing Company. (See Roddewig, Gilbert F., assignor.)
Yellow Truck & Coach Manufacturing Company. (See Schjolin, Hans O., assignor.)
Yellow Truck & Coach Manufacturing Company. (See Williams, Wiliam E., assignor.)
Yelm, Charles W., assignor to The Gates Rubber Company, Denver, Colo. Overfill preventer for storage batteries. 2,189,158; Feb. 6.
Yeo, Edward J., assignor to Dexter Folder Company, Pearl River, N. Y. Sheet feeding apparatus. 2,226,957; Dec. 31.
Yeoman, Loyd E., assignor of one-fourth to H. C. Leui, Broken Bow, Nebr. Tool handle. 2,211,682; Aug. 13.
Yeomans, Lucien I., assignor to Lucien I. Yeomans, Incorporated, Chicago, Ill. Making metal casings and product thereof. 2,212,383; Aug. 20.
Yeomans, Lucien I., Incorporated. (See Yeomans, Lucien I., assignor.)
Yeomans, Lucien O., Merrick, N. Y., assignor of seventy-seven and one-half one-hundredth to W. J. Cashman, Asbury Park, N. J. Fluid dispensing apparatus. 2,223,146; Nov. 26.
Yerk, Henry H., Chicago, Ill. Preparation of meat products. 2,203,318; June 4.
Yerkey, Alvy C. (See Winkel, Herbert C., assignor.)
Yerkey, Alvy C., Maywood, Ill. Battery pasting machine. 2,195,160; Mar. 26.
Yerkey, Grover W., Huntington, assignor of twenty percent to E. Ball, Burnsville, W. Va. Portable hand buffer. 2,188,126; Jan. 23.
Yerrick, Harry A., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Stabilizing hanger for gliders. 2,212,723; Aug. 27.
Yerrow, M., et al. (See Francis, George W., Sr., assignor.)
Yindrock, John. (See Russell, E. A., and Yindrock.)
Yngve, Victor, Lakewood, Ohio, assignor to Carbide and Carbon Chemicals Corporation. Vinyl resin plastic compositions. 2,204,743; June 18.

Yngve, Victor, Lakewood, Ohio, assignor to Carbide and Carbon Chemicals Corporation. Stabilized vinyl resins. 2,219,463; Oct. 29.
Yoch, J. Edward. (See Momsen, Walter, assignor.)
Yochem, Donald E., Columbus, assignor to L. S. D. Inc., Dayton, Ohio. Rack. 2,208,715; July 23.
Yochem, Frank, St. Louis, and C. E. Bodine, Sedalia, Mo. Tube expander. 2,215,949; Sept. 24.
Yochem, Joseph P., Columbus, Ohio. Damper mechanism. 2,195,608; Apr. 2.
Yochum, Daniel W. (See Faris, H. P., Yochum, and Logan.)
Yoder, Carl M., Lakewood, Ohio. Machine for operating on sheet metal. 2,201,214; May 21.
Yoder, Carl M., Lakewood, Ohio. Machine for producing shapes. 2,206,068; July 2.
Yoder, Carl M., Lakewood, Ohio. Machine for operating on sheet material. 2,210,018; Aug. 6.
Yoder, Carl M., Lakewood, Ohio. Machine for forming shapes. 2,226,649; Dec. 31.
Yoder, Carl M., Lakewood, and P. J. Abel, assignors to The Yoder Company, Cleveland, Ohio. Apparatus for treatment of metal. 2,216,869; Oct. 8.
Yoder Company, The. (See Borzym, Alexander, assignor.)
Yoder Company, The. (See Morris, Howard I., assignor.)
Yoder Company, The. (See Yoder, C. M., and Abel, assignors.)
Yoder Company, The. (See Yoder, Leonard A., assignor.)
Yoder, Leonard A., Lakewood, assignor to The Yoder Company, Cleveland, Ohio. Apparatus for operating on coiled sheet material. 2,202,883; June 4.
Yoder, Paul H. (See Wilson, W. C., and Yoder.)
Yoder, Raymond S. (See Nulsen, M. E., Yoder, and Lear.)
Yoe, Henry F., Grosse Pointe Park, Mich. Fire exit device with outside control. 2,202,075; May 28.
Yohai, Robert A., and H. G. Tatosian, assignors, by mesne assignments, to Sugar Shell Corporation, New York, N. Y. Machine for making sugar cones. 2,213,727; Sept. 3.
Yohe, Robert V., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidant. 2,189,411; Feb. 6.
Yohner, A. M., et al. (See Darling, Louis H., assignor.)
Yonkers, Edward H., Jr., Evanston, Ill. Suction cleaner. 2,198,568; Apr. 23.
Yonkers, John L., Evanston, Ill. Line clamp. 2,206,653; July 2.
Yonkers, William A. (See Rose, A. D. and Yonkers.)
Yonkers, William A., assignor to The Dole Valve Company, Chicago, Ill. Valve, self-closing against pressure. 2,200,318; May 14.
York, Bertrand L., Piedmont, Calif. Mold. 2,212,764; Aug. 27.
York, Bertrand L., Piedmont, Calif. Confection mold. 2,212,765; Aug. 27.
York Ice Machinery Corporation. (See Beline, Walter E., assignor.)
York Ice Machinery Corporation. (See Ehrman, Herbert H., assignor.)
York Ice Machinery Corporation. (See Lehman, Edward G., assignor.)
York Ice Machinery Corporation. (See Leonard, William D., assignor.)
York Ice Machinery Corporation. (See Light, Albert T., assignor.)
York Ice Machinery Corporation. (See Neiman, Charles H., assignor.)
York Ice Machinery Corporation. (See Newton, Alwin B., assignor.)
York Ice Machinery Corporation. (See Pownall, Henry B., assignor.)
York Ice Machinery Corporation. (See Ruff, Alonzo W., assignor.)
York, James H., Cincinnati, Ohio. Combined window shade and curtain bracket. 2,202,412; May 28.
York, Lanthrop M. (See Brack, J. D., and York.)
York Modern Corporation. (See Holmes, Lynn C., assignor.)
York Oil Burner Co. (See Kraber, Edwin I., assignor.)
York, Raymond D., as trustee. (See York, Raymond D., assignor.)
York, Raymond D., University, Va., assignor to R. D. York, as trustee. Crucible support. 2,205,023; June 18.
York, Raymond D., University, Va., assignor to R. D. York, as trustee. Crucible support. 2,224,805; Dec. 10.
York, Raymond D., University, Va., assignor to R. D. York, as trustee. Crucible support. 2,226,650; Dec. 31.
York, Raymond D., University, Va., assignor to R. D. York, as trustee. Crucible support. 2,226,651; Dec. 31.
York, Raymond D., University, Va., assignor to R. D. York, as trustee. Crucible support. 2,226,652; Dec. 31.
Yoshiki, Bunpei, Tokio, Japan, assignor to Corning Glass Works, Corning, N. Y. Cast refractory with adequate porosity. 2,224,498; Dec. 10.
Yost, Clyde E. (See Morgan, E. B., and Yost.)
Yost, Irvine A. (See Hildebrand, R. L., and Yost.)
Yost, Peter R., Goshen, Ind. Milk cooler. 2,186,853; Jan. 9.
Youell, James E. (See Stanley, H. M., Minkoff, and Youell.)
Youker, Malcolm P., Bartlesville, Okla. Centrifugal dehumidifier. 2,187,066; Jan. 16.
Youker, Malcolm P., Bartlesville, Okla. Window shade. 2,197,445; Apr. 16.
Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville, Okla. Conversion of hydrocarbon. 2,189,645; Feb. 6.
Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville. Okla. Fractionator distillate outlet. 2,220,009; Oct. 29.
Youker, Malcolm P., Bartlesville, Okla., assignor to Phillips Petroleum Company, Bartlesville, Okla. Treating hydrocarbons. 2,225,814; Dec. 24.
Youker, Mortimer A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasticizing polymeric organic sulphides. 2,186,714; Jan. 9.
Youmans, Edward D., Clifton, assignor to The Okonite Company, Passaic, N. J. Electric cable. 2,186,441; Jan. 9.
Youmans, Edward D., Clifton, assignor to The Okonite Company, Passaic, N. J. Electric cable. 2,186,442; Jan. 9.
Young, Arthur, assignor to S. Morgan Smith Company, York, Pa. Hydraulic gate operating mechanism. 2,186,131; Jan. 9.
Young, Austin E., assignor to Syracuse Chilled Plow Co., Inc., Syracuse, N. Y. Clutch mechanism. 2,204,241; June 11.
Young, Bernhard K., Jr., assignor to Kennecott Wire and Cable Company, Phillipsdale, R. I. Extruding metal sheaths on electrical cables. 2,210,157; Aug. 6.
Young, Charles A., Springfield, Ohio. Firearm. 2,200,868; May 14.
Young, Charles D., et al. (See Young, Otis W., assignor.)
Young, Charles J., Ardmore, Pa., assignor to Radio Corporation of America. Facsimile recording apparatus. 2,213,876; Sept. 3.
Young, Charles J., Ardmore, Pa., assignor to Radio Corporation of America. Electrolytic facsimile system. 2,215,806; Sept. 24.
Young, Charles M. (See Kreher, Ernest and K., and Young.)
Young, Charles M., Jr., Philadelphia, Pa., assignor to Link-Belt Company. Conveyer chain structure for continuous flow conveyers or the like. 2,226,989; Dec. 31.
Young, Charles R., Scottsbluff, Nebr., assignor of one-half to H. C. Grave, Douglas, Wyo. Stock loading and unloading device. 2,215,631; Sept. 24.
Young, Clare G., Winnipeg, Manitoba, Canada. Stiffening paper. 2,187,294; Jan. 16.
Young, Claude A., Berwyn, Ill. Motor vehicle headlight. 2,215,203; Sept. 17.
Young, Claude D., assignor to The Foxboro Company, Foxboro, Mass. Pressure measuring or indicating instrument. 2,209,910; July 30.
Young, D. Jackson, et al. (See Jewett, Josephine F., assignor.)
Young, D'Arcy A., Jr. (See Christie, J., and Young.)
Young, D'Arcy A., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Objective mount. 2,203,660; June 4.
Young, D'Arcy A., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Slide changing device for projectors. 2,213,779; Sept. 3.
Young, David J., Jr., Cliffside, N. J., assignor to Corn Products Refining Company, New York, N. Y. Food composition. 2,221,563; Nov. 12.
Young, Donald H., San Francisco, Calif., assignor to The American Brake Shoe & Foundry Co., Chicago, Ill. Excavator. 2,211,997; Aug. 20.
Young, Douglas, Inc. (See Young, Lewis D., assignor.)
Young, Douglass A., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Indicating instrument. 2,210,698; Aug. 6.
Young, Earl B., Pueblo, Colo. Flush type latch operator. 2,191,784; Feb. 27.
Young, Earle L., Awosting, N. J., assignor to Laminated Shim Co., Long Island City, N. Y. Heat treating brass shims and shim stock. 2,188,765; Jan. 30.
Young, Emil O., Cleveland, Ohio. Damper control. 2,203,120; June 4.
Young, Emil O., Cleveland, Ohio. Damper construction and remote control therefor. 2,220,833; Nov. 5.
Young, Ferdinand H. (See Ravenscroft, E. A., and Young.)
Young, Forrest J., Los Angeles, assignor to The National Supply Company, Torrance, Calif. Rotary swivel. 2,185,822; Jan. 2.
Young, Frank M., Kissimmee, Fla., assignor to The Maytag Company, Newton, Iowa. Gearshift for washing machine wringers. 2,190,856; Feb. 20.
Young Fred M. (See Lorraine D. G. and Young.)
Young, Fred M., Racine, Wis. Heat exchanger core shield. 2,200,527; May 14.
Young, Fred M., Racine, Wis. Air conditioning device for passenger vehicles. 2,221,891; Nov. 19.
Young, Fred M., and E. H. Stempel; said Stempel assignor to Young Radiator Company, Racine, Wis. Air conditioning unit. 2,220,594; Nov. 5.
Young, Frederick C., Westport, Conn. Joint for asbestos shingles or siding. 2,188,090; Jan. 23.

Young, General C., assignor of one-half to J. E. Lineberger, Roanoke, Va. Firearm shield. 2,215,204; Sept. 17.
Young, George G., Kansas City, Mo., assignor to The Lockwood Manufacturing Company, Cincinnati, Ohio. Bakepan set. 2,188,492; Jan. 30.
Young, George H. (See Johnson, A. W., and Young.)
Young, George H., Dayton, Ohio. Moisture meter and controller. 2,197,823; Apr. 23.
Young George H. Pittsburgh Pa. assignor to Stoner-Mudge, Inc. Thermally stable coating composition from vinylidene chloride resins. 2224,944; Dec. 17.
Young, George W., et al. (See Hester, John C., assignor.)
Young, Harry E., East Los Angeles, Calif. Show case. 2,214,239; Sept. 10.
Young, Harry M., Webster Groves, assignor to Western Wire Products Company, St. Louis, Mo. Insulator fastener. 2,213,425; Sept. 3.
Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,186,794; Jan. 9.
Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,206,555; July 2.
Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,209,437; July 30.
Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch controlling apparatus. 2,209,438; July 30.
Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control and indication system. 2,215,897; Sept. 24.
Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,219,881; Oct. 29.
Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Switch control and indication system. 2,224,420; Dec. 10.
Young, Henry S., Wilkinsburg, and R. A. McCann, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,210,052; Aug. 6.
Young, Howard S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,215,950; Sept. 24.
Young, Huge, Bruni, Tex. Chair. 2,212,093; Aug. 20.
Young, Hugh E., and E. H. Haug, Chicago, Ill. Automatic cut-in switch. 2,198,101; Apr. 23.
Young, Hugh E., and E. H. Haug, Chicago, Ill. Constant potential to constant current transformation apparatus. 2,226,041; Dec. 24.
Young Iron Works. (See Hansen, Arthur E., assignor.)
Young, James H., and P. W. Jenkins, assignors to H. H. Robertson Company, Pittsburgh, Pa. Fireproof building structure. 2,213,603; Sept. 3.
Young, James H., and P. W. Jenkins, assignors to H. H. Robertson Company, Pittsburgh, Pa. Composite fireproofing member. 2,218,965; Oct. 22.
Young, John, Jr. (See Barnes, C. H., and Young.)
Young, Kirtland D. (See Mueller, G., Fechner, and Young.)
Young, L. A. (See Oldham, John M., assignor.)
Young, L. A., Spring & Wire Corporation. (See Clark, William A., assignor.)
Young, L. A., Spring & Wire Corporation. (See Heilman, Bernard, assignor.)
Young, L. A., Spring & Wire Corporation. (See Krajewski, Edward P., assignor.)
Young, L. A., Spring & Wire Corporation. (See Leal, Hugh, assignor.)
Young, L. A., Spring & Wire Corporation. (See O'Brien, Falconer, assignor.)
Young, L. A., Spring and Wire Corporation. (See Stackhouse, George A., assignor.)
Young, Lafe, and A. A. Boyle, Alton, Ill., assignors to Laclede Steel Company, St. Louis, Mo. Stripper reel. 2,187,580; Jan. 16.
Young, Leonard A. (See Coney, James D., assignor.)
Young, Leonard A. (See Oldham, John M., assignor.)
Young, Leonard A., Detroit, Mich. Washer and method of making. 2,193,661; Mar. 12.
Young, Leonard A., Detroit, Mich. Uniting metal surfaces. 2,201,806; May 21.
Young, Leonard A., Detroit, Mich. Paper tube and making. 2,203,006; June 4.
Young, Leonard A., Detroit, Mich. Making golf balls. 2,203,377; June 4.
Young, Leonard A., Detroit, Mich. Making nuts. 2,205,871; June 25.
Young, Leonard A., Detroit, Mich. Garment hanger. 2,214,848; Sept. 17.
Young, Leonard A., Detroit, Mich. Garment hanger. 2,214,849; Sept. 17.
Young, Leonard A., Detroit, Mich., H. B. Hathaway, Windsor, Ontario, Canada, and B. Heilman, Detroit, Mich. Manufacturing coil springs. 2,219,376; Oct. 29.
Young, Leonard P., Chester, Conn. Soldering iron construction. 2,213,438; Sept. 3.
Young, Leonard P., Chester, Conn. Soldering iron stand. 2,213.439; Sept. 3.
Young, Lewis D., Providence, R. I., assignor to Douglas Young, Inc. Display box. 2,219,039; Oct. 22.
Young, Lloyd W. (See Bucknam, J. H., and Young.)
Young, Lloyd W. (See Hasse, F. C., and Young.)
Young, Lloyd W., Scotch Plains, N. J., assignor to Oxweld Acetylene Company. Valve operating mechanism. 2,187,581; Jan. 16.
Young, Lloyd W., Scotch Plains, N. J., assignor to Oxweld Acetylene Company. Circle cutting machine. 2,202,133; May 28.
Young, Lloyd W., Scotch Plains, N. J., assignor to Oxweld Acetylene Company. Flexible cutting nozzle. 2,203,210; June 4.
Young, Lloyd W., Scotch Plains, N. J., assignor to Oxweld Acetylene Company. Small hole cutting attachment for blowpipes. 2,224,242; Dec. 10.
Young, Lotty M., Milwaukee, Wis. Handy cleanser can holder. 2,211,746; Aug. 13.
Young, Marvin S., Scarsdale, N. Y., and R. B. Lewthwaite, Hasbrouck Heights, N. J., assignors to The Marlin Corporation, New York, N. Y. Dispensing apparatus for lubricant and the like. 2,203,710; June 11.
Young, Otis C., Seagraves, Tex. Valve. 2,222,926; Nov. 26.
Young, Otis W., Winchendon, Mass., assignor of one-half to H. S. Mann and one-half to C. D. Young, Chicago, Ill. Steam locomotive engine. 2,203,975; June 11.
Young, Philip E., Fairhaven, Mass., assignor to Acushnett Process Company. Exhalation valve for gas masks. 2,225,395; Dec. 17.
Young Radiator Company. (See Andersen, Soren K., assignor.)
Young Radiator Company. (See Ewald, Warren, assignor.)
Young Radiator Company. (See Ramsaur, Walter R., assignor.)
Young Radiator Company. (See Young, F. M., and Stempel, assignors.)
Young, Ralph W., Beloit, Wis., assignor to Charles H. Besly & Company, Chicago, Ill. Piston ring grinding machine. 2,209,711; July 30.
Young, Raymond E., assignor to Whiting Corporaton, Harvey, Ill. Circuit control for heating systems and the like. 2,185,759; Jan. 2.
Young, Raymond E., assignor to Whiting Corporation, Harvey, Ill. Hopper for stokers and the like. 2,199,770; May 7.
Young, Raymond E., Harvey, Ill., assignor of one-half to E. W. Ballentine. Oil burning furnace and the like. 2,219,276; Oct. 22.
Young, Raymond W., Maywood, N. J. Sleep inhibitor. 2,199,060; Apr. 30.
Young, Richard W., and J. M. O'Malley, assignors to Morgan Construction Company, Worcester, Mass. Handling of rod bundles or the like. 2,199,061; Apr. 30.
Young, Russell E., Chesterton, Ind. Candy showcase. 2,207,472; July 9.
Young, Saul B., Bronx, N. Y. Apparatus for measuring potentials. 2,201,659; May 21.
Young, Stephen M., Hamilton, Ontario, Canada, assignor, by mesne assignments, to International Harvester Company, Chicago, Ill. Hitch. 2,185,454; Jan. 2.
Young, W. J., Machinery Company. (See Young, William J., assignor.)
Young, William, Washington, D. C. Door sealing means. 2,197,824; Apr. 23.
Young, William, Wishaw, Scotland. Device for controlling vertically sliding windows. 2,198,751; Apr. 30.
Young, William, Wishaw, Scotland. Device for controlling vertically sliding windows. 2,203,587; June 4.
Young, William A., College Point, N. Y. Grommet making machine. 2,224,754; Dec. 10.
Young, William F. (See Gordon, S. H., and Young.)
Young, William H., Burlingame, Calif. Treating impure sucrose bearing materials. 2,201,419; May 21.
Young, William J., Charles Town, W. Va., assignor to The Standard Lime and Stone Company, Baltimore, Md. Treating magnesia-containing limestones. 2,196,949; Apr. 9.
Young, William J., assignor to Eric Colin-Smith, Toronto, Ontario, Canada. Oil burner. 2,199,771; May 7.
Young, William J., Peabody, assignor to W. J. Young Machinery Company, Lynn, Mass. Heel lift attaching machine. 2,210,053; Aug. 6.
Young, William M., assignor to Taylor Instrument Companies, Rochester, N. Y. Self-acting regulator. 2,192,659; Mar. 5.
Young, William R. (See Bryant, F. D., and Young.)
Young, William R., Fairfield, and F. D. Bryant, Stratford, Conn., assignors to General Electric Company. Indicator for lamp holders. 2,225,362; Dec. 17.
Youngchild, Casper E., Glens Falls, assignor to International Paper Company, New York, N. Y. Apparatus for making paper. 2,222,469; Nov. 19.
Younghusband, James L., Chicago, Ill. Pipe cleaner. 2,189,556; Feb. 6.
Younghusband, James L., Chicago, Ill. Lipstick device. 2,193,995; Mar. 19.
Younghusband, James L., Chicago, Ill. Vanity case. 2,204,717; June 18.
Younghusband, James L., Chicago, Ill. Lipstick device. 2,223,979; Dec. 3.
Younglove, Edward H., Glencoe, assignor to H. A. Brassert & Company, Chicago, Ill. Blast furnace stove and the like. 2,187,191; Jan. 16.

Youngquist, Henry W., assignor to Parkersburg Specialty Company, Parkersburg, W. Va. Necktie holder. 2,209,953; Aug. 6.
Youngren, Harold T., Lansing, assignor to General Motors Corporation, Detroit, Mich. Motor vehicle chassis. 2,214,948; Sept. 17.
Youngs, Arthur M., assignor to Youngs Rubber Corp. of N. J., Trenton, N. J. Testing thin rubber articles. 2,213,113; Aug. 27.
Youngs Rubber Corp. of N. J. (See Youngs, Arthur M., assignor.)
Youngstown Foundry & Machine Company, The. (See Thomas, Lloyd R., assignor.)
Youngstown Sheet and Tube Company, The. (See Engelbaugh, H. E., Gettig, and Coburn, assignors.)
Youngstown Sheet & Tube Company. (See Jones, Carl G., assignor.)
Youngstown Sheet and Tube Company, The. (See Jones, C. G., and Titus, assignors.)
Youngstown Sheet and Tube Company, The. (See Mauthe, James L., assignor.)
Youngstown Sheet and Tube Company, The. (See Mirfield, George E., assignor.)
Youngstown Sheet & Tube Company, The. (See Titus, Horatio G., assignor.)
Youngstown Steel Car Corporation. (See Wilkoff, Louis C., assignor.)
Youngstown Steel Door Company, The. (See Beauchamp, Wilfred A., assignor.)
Youngstown Steel Door Company, The. (See Ditchfield, Frank, assignor.)
Youngstown Steel Door Company. (See Madland, Thorvald, assignor.)
Youngstown Steel Door Company, The. (See McWilliams, John P., assignor.)
Younie, Lewis E., assignor to Electric Steel Foundry Company, Portland, Oreg. Replaceable point excavating tooth. 2,204,718; June 18.
Yount, John. (See Prout, W. E., and Yount.)
Yourek, John M., Chicago, Ill. Hair grip pin. 2,202,305; May 28.
Yow, William P., assignor to Southern Steel Stampings, Incorporated, Winston-Salem, N. C. Extension table. 2,187,067; Jan. 16.
Yowell, O. P., Service Company. (See Yowell, Olney P., assignor.)
Yowell, Olney P., Whittier, Calif., assignor to O. P. Yowell Service Company. Bypass fitting. 2,191,702; Feb. 27.
Yoxsimer, Orland H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerator. 2,194,176; Mar. 19.
Yoxsimer, Orland H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,209,869; July 30.
Yoxsimer, Orland H., East Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,213,155; Aug. 27.
Ysskin, Samuel, Newark, N. J. Starting device. 2,219,672; Oct. 29.
Yuchtmann, Robert A., Weston, W. Va. Glass working tool. 2,191,245; Feb. 20.
Yule, John A. C., assignor to Eastman Kodak Company, Rochester, N. Y. Purification of anthracene. 2,213,755; Sept. 3.
Yule, John A. C., assignor to Eastman Kodak Company, Rochester, N. Y. Color filter for photomechanical processes. 2,221,037; Nov. 12.
Yunck, John A., South Orange, N. J., assignor to Corning Glass Works, Corning, N. Y. Frosted glass article and making it. 2,202,327; May 28.
Yuncker, Leo A., Mansfield, Ohio. Adjustable finger grip for fishing rods. 2,186,515; Jan. 9.
Yundt, Emery R., Los Angeles, Calif. Orchard heater. 2,206,931; July 9.
Yungling, Paul F., Los Angeles, Calif. Steering mechanism for motor vehicles. 2,193,752; Mar. 12.
Yungling, Paul F., Los Angeles, Calif. Steering mechanism for motor vehicles. 2,193,753; Mar. 12.
Yutzler, Fred W., assignor to The Kent Company, Inc., Rome, N. Y. Water separator. 2,212,429; Aug. 20.
Yutzler, Fred W., assignor to The Kent Company, Inc., Rome, N. Y. Water pickup tool. 2,218,595; Oct. 22.
Z Pack Corporation. (See Noyes, Harry A., assignor.)
Zabel, Max. (See Brodersen, K., Quaedvlieg, Zabel, and Schneider.)
Zablocki, Eugene C., assignor to Briggs Manufacturing Company, Detroit, Mich. Machine for applying cord to trim panels. 2,209,371; July 30.
Zablocki, Frank, Jamaica, N. Y. Ductor roller control for printing presses. 2,203,070; June 4.
Zaborsky, Daniel, Ogema, assignor of one-half to R. A. Teeters, Park Falls, Wis. Battery terminal. 2,210,827; Aug. 6.
Zachar, Otto C., assignor to R. Zachar, Philadelphia, Pa. Combination fill and vent box. 2,218,371; Oct. 15.
Zachar, Rudolph. (See Zachar, Otto C., assignor.)
Zacher, Vernon B., Ventura, Calif., assignor to Tidwater Associated Oil Company, New York, N. Y. Treating rotary mud. 2,212,108; Aug. 20.
Zachman, A. J., et al. (See Cuddigan, B. O., and Mondloch, assignors.)
Zadek, Arthur, New York, N. Y. Flexible support for rattles. 2,189,853; Feb. 13.
Zaeslin, Hans H. (See Martin, H., and Zaeslin.)
Zagel, Abe S., Chicago, Ill. Universal support for light fixtures. 2,202,680; May 28.
Zagmester, Nick, Niagara Falls, N. Y. Multifilament electric light bulb and control switch therefor. 2,203,762; June 11.
Zaharako, Lewie J., Columbus, Ind. Fruit cutting support. 2,195,951; Apr. 2.
Zahl, Hjalmar, Duluth, Minn. Internal combustion engine. 2,194,347; Mar. 19.
Zahm, Edward, and G. G. Zahm, assignors to Zahm & Nagel Co. Inc., Buffalo, N. Y. Apparatus for carbonating liquids. 2,226,958; Dec. 31.
Zahm, George G. (See Zahm, Edward and G. G.)
Zahm, Joseph D., assignor to Animal Trap Company of America, Lititz, Pa. Animal trap. 2,202,938; June 4.
Zahm & Nagel Co. Inc. (See Zahm, Edward and G. G., assignors.)
Zahn, Rudolf, Wiesbaden, O. Süs, Wiesbaden-Biebrich, and R. Franke, Wiesbaden, assignors to Kalle & Co., Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Photographic printing process. 2,196,950; Apr. 9.
Zahnradfabrik Friedrichshafen Aktiengesellschaft. (See Laessker, Fritz, assignor.)
Zahnradfabrik Friedrichshafen Aktiengesellschaft. (See Maier, Albert, assignor.)
Zahodiakin, Victor F., Forest Hills, N. Y. Nondetonating engine. 2,203,763; June 11.
Zahodiakin, Victor F., New York, N. Y. Automatic strip feed control mechanism. 2,221,464; Nov. 12.
Zahren, Franz, assignor to the firm Bussing-Nag Vereinigte Nutzkraftwagen Aktiengesellschaft, Brunswick, Germany. Internal combustion engine. 2,186,812; Jan. 9.
Zahren, Franz, assignor to the firm Bussing-Nag Vereinigte Nutzkraftwagen Aktiengesellschaft, Brunswick, Germany. Two-stroke internal combustion engine and operating the same. 2,195,044; Mar. 26.
Zaidan Hojin Rikagaku. (See Shimizu, T., and Hirata, assignors.)
Zaiger, Max. (See Nesson, Israel, assignor.)
Zaiger, Max, Swampscott, Mass. De-icing windshield wiper. 2,203,071; June 4.
Zaiger, Max, Swampscott, Mass. Wiper blade attachment. 2,206,343; July 2.
Zaio, George J., Iron Mountain, Mich. Closet seat. 2,219,643; Oct. 29.
Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, De Kalb, Ill. Illuminating means for pianos or the like. 2,220,192; Nov. 5.
Zakariás, Imre, Budapest, Hungary, assignor to Radio Patents Corporation, New York, N. Y. Frequency variation response circuit. 2,208,091; July 16.
Zalesky, Joe L., Buckholts, Tex. Insect exterminator. 2,188,618; Jan. 30.
Zalkind, Joseph, New York, N. Y. Recording system. 2,220,927; Nov. 12.
Zalkind, Philip, New York, N. Y. Container and parts thereof. 2,186,947; Jan. 16.
Zalkind, Philip, New York, N. Y. Roller casing. 2,200,319; May 14.
Zalkind, Philip, New York, N. Y. Collapsible container. 2,200,320; May 14.
Zalkind, Philip, New York, N. Y. Three sided casing. 2,210,019; Aug. 6.
Zalkind, Philip, New York, N. Y. Predetermined bend line. 2,221,854; Nov. 19.
Zamboni, Cesare, Rome, Italy. Apparatus for testing hardness. 2,207,502; July 9.
Zamora, Vicente, Manila, P. I. Ball delivery machine. 2,203,886; June 11.
Zand, Stephen J. (See Kenyon, T. W., and Zand.)
Zand, Stephen J., Forest Hills, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Soundproof window construction for aircraft cabins. 2,189,388; Feb. 6.
Zand, Stephen J., Forest Hills, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic weather adjustment for automatic pilots. 2,208,656; July 23.
Zander, John E. (See Zander, Louis J. and J. E.)
Zander, Louis J., San Rafael, and J. E. Zander, San Anselmo, Calif. Fishing lure. 2,216,929; Oct. 8.
Zane, Edward W. assignor to Union Railway Equipment Co. Chicago, Ill. Hand brake mechanism. 2,188,521; Jan. 30.
Zane, Edward W., assignor to Union Railway Equipment Co., Chicago, Ill. Floor rack. 2,226,042; Dec. 24.
Zaninovich, George, Dinuba, Calif. Display stand. 2,187,596; Jan. 16.
Zap Development Corporation. (See Joyce, Temple N., assignor.)
Zap, Edward F., West Chester, Pa. Flap-trailed airfoil. 2,191,839; Feb. 27.
Zap, Edward F., West Chester, Pa. Aerodynamic control device. 2,191,840; Feb. 27.
Zap, Edward F., West Chester, Pa. Extendible airfoil. 2,213,791; Sept. 3.
Zapf, Georg. (See Langer, M., and Zapf.)
Zapf, Georg, Berlin-Charlottenburg, assignor to Fides Gesellschaft für Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung, Berlin, Germany. Telephone system. 2,222,099; Nov. 19.

Zapf, Gerhard, Lubeck, assignor to B. Berghaus, Berlin-Lankwitz, Germany. Burnishing iron and steel articles. 2,217,586; Oct. 8.
Zapp, Walter, assignor to Valsts Elektrotechniska Fabrika, Riga, Latvia. Package for roll film. 2,218,966; Oct. 22.
Zappuli, Odoardo. (See Brichieri-Colombi, L., Zappuli, and Romanelli.)
Zareko, Walter, New York, N. Y. Convertible furniture structure. 2,217,426; Oct. 8.
Zaremba Company. (See Hughes, Burton S., assignor.)
Zaremba, Valerian F., and S. P. Osuch, Cicero, assignors to The Gerrard Company, Inc., Chicago, Ill. Wire tying machine. 2,200,234; May 7.
Zastrow, Robert C., Racine, Wis. Automatic accelerator. 2,203,559; June 4.
Zavitz, Lee. (See Shearman, R. M., and Zavitz.)
Zawisza, Edward S. (See Jones, Walter F., assignor.)
Zebulske, Edward A., assignor to Spillman Engineering Corporation, North Tonawanda, N. Y. Amusement ride. 2,209,549; July 30.
Zebulske, Edward A., assignor to Spillman Engineering Corporation, North Tonawanda, N. Y. Amusement ride. 2,209,550; July 30.
Zeckendorf, Hugo A., San Francisco, Calif. Tool head locking device. 2,204,643; June 18.
Zecher, Gustav, and W. Uyterhoeven, Eindhoven, Netherlands, assignors to General Electric Company. Gaseous electric discharge lamp device. 2,213,796; Sept. 3.
Zee Development Corporation. (See Rulison, Earl L., assignor.)
Zeeb, Elmer G., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Radiator grille. 2,205,453; June 25.
Zeh, Kenneth C., assignor to Raymond T. Moloney, Chicago, Ill. Alternator mechanism. 2,227,169; Dec. 31.
Zehetner, George, Dallas, Tex. Brush construction. 2,199,252; Apr. 30.
Zehnder, Gebrüder, Radiatoren- & Apparatebau. (See Zehnder, Otto, assignor.)
Zehnder, Otto, assignor to Gebrüder Zehnder Radiatoren- & Apparatebau, Granichen, Switzerland. Refrigerating plant comprising piston operated compressor. 2,191,605; Feb. 27.
Zeidler, Gustav A., Jr., Medford Station, N. Y. Developing wells. 2,188,936; Feb. 6.
Zeidler, Gustav A., Jr., Medford Station, N. Y. Producing well screens. 2,217,327; Oct. 8.
Zeidler, Kurt E., Pittsburgh, Pa., assignor to Standard Railway Refrigerator Company, Chicago, Ill. Refrigerator. 2,226,795; Dec. 31.
Zeidner, Henry, et al. (See Golod, Maurice P., assignor.)
Zeiger, Max, Swampscott, Mass. Automobile window wiper. 2,196,542; Apr. 9.
Zeigler, John H. (See Bright, A. W., and Zeigler.)
Zeigmeister, Herbert, Hamburg-Wandsbek, Germany. Method of forming rolled seams on preserve tins and the like. 2,188,291; Jan. 23.
Zein Corporation of America, The. (See Coleman, Roy E., assignor.)
Zeindler, Werner, assignor to The Service Caster and Truck Company, Albion, Mich. Hoisting and lifting trucks. 2,214,005; Sept. 10.
Zeisberg, Frederick C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Concentration of nitric acid. 2,190,304; Feb. 13.
Zeiss, Carl. (See Boegehold, Hans, assignor.)
Zeiss, Carl. (See Eisenhut, H., and Eales, assignors.)
Zeiss, Carl. (See Eppenstein, O. M. I., and Münster, assignors.)
Zeiss, Carl. (See Gerstenberger, B., Hübschmann, and Richter, assignors.)
Zeiss, Carl. (See Hanemann, Heinrich, assignor.)
Zeiss, Carl. (See Kaiser, Heinrich, assignor.)
Zeiss, Carl. (See König, Albert, assignor.)
Zeiss, Carl. (See Lundegårdh, Henrik G.)
Zeiss, Carl. (See Michel, Kurt, assignor.)
Zeiss, Carl. (See Schalm, L., and Schouten, assignors.)
Zeiss, Carl. (See Schmidt, Ulrich, assignor.)
Zeiss, Carl. (See von Gruber, O., and Schneider, assignors.)
Zeiss Ikon Aktiengesellschaft. (See Bertele, Ludwig, assignor.)
Zeiss Ikon Aktiengesellschaft. (See Fischer, Oskar, assignor.)
Zeiss Ikon Aktiengesellschaft. (See Görlick, Paul, assignor.)
Zeiss Akon Aktiengesellschaft. (See Görlich, P., and Ploke, assignors.)
Zeiss Ikon Aktiengesellschaft. (See Hintze, H., and Illgen, assignors.)
Zeiss Ikon Aktiengesellschaft. (See Kubitzek, Alfred, assignor.)
Zeiss Ikon Aktiengesellschaft. (See Kuppenbender, Heinz, assignor.)
Zeiss Ikon Aktiengesellschaft. (See Kuppenbender, H., Fischer, Henkel, Peters, and Mende, assignors.)
Zeiss Ikon Aktiengesellschaft. (See Nerwin, Hubert, assignor.)
Zeiss Ikon Aktiengesellschaft. (See Pistor, W., and Köber, assignors.)
Zeiss Ikon Aktiengesellschaft. (See Pistor, W., and Vierling, assignors.)
Zeiss Ikon Aktiengesellschaft. (See Ploke, Martin, assignor.)
Zeiss Ikon Aktiengesellschaft. (See Räntsch, K., Bertele, and Merz, assignors.)
Zeiss Ikon Aktiengesellschaft. (See Riedel, Walter, assignor.)
Zeiss Ikon Aktiengesellschaft. (See Sauer, Hans, assignor.)
Zeiss Ikon Aktiengesellschaft. (See Sauer, H., and Görlich, assignors.)
Zeiss Ikon Aktiengesellschaft. (See Sauer, H, Kenkel, and Bartels, assignors.)
Zeiss Ikon Aktiengesellschaft. (See Taesler, Rudolf, assignor.)
Zeiss Ikon Aktiengesellschaft. (See Vierling, Otto, assignor.)
Zeissl, Friedrich, Heilbronn-Bockingen, Germany. Grinding and polishing machine. 2,222,454; Nov. 19.
Zekind, Harry M. (See Werk, E. E., and Zekind.)
Zell, David H. (See Tamoschat, William, assignor.)
Zell, David H., Brooklyn, N. Y. Latch device. 2,215,309; Sept. 17.
Zell, Robert. (See Baumann, F., Krause, Schwechten, and Zell.)
Zellar, George. (See Oesterle, F. D., and Zellar.)
Zellers, Clark L., Maywood, Calif. Coffee measuring device. 2,190,111; Feb. 13.
Zellhoefer, Glenn F., Bloomington, and C. S. Marvel, Urbana, Ill., said Marvel assignor to said Zellhoefer. Esters of glycol ethers and for preparing them. 2,226,599; Dec. 31.
Zelt, Elmer J., Fort Wayne, Ind., assignor to General Electric Company. Outlet receptacle switch. 2,201,875; May 21.
Zeman, Antoinette W., Cleveland, Ohio. Ash tray. 2,202,365; May 28.
Zemba, John W. (See Britton, E. C., Coleman, and Zemba.)
Zemba, John W. (See Coleman, G. H., and Zemba.)
Zenith Carburetor Company. (See Heftler, Maurice B., assignor.)
Zenith Carburetor Company. (See Heftler, M. B., and Cox, assignors.)
Zenith Carburetor Company. (See Wiley, C. H., and Heftler, assignors.)
Zenith Radio Corporation. (See Schwarz, Bertram A., assignor.)
Zenith Radio Corporation. (See Wagenknecht, Otto E., assignor.)
Zenith Textile Corporation. (See Broder, Reuben, assignor.)
Zenk, Arnold. (See Olson, J. B., Zenk, and Willett.)
Zenner, Raymond E. (See Stussi, J., and Zenner.)
Zenner, Frederick M., Wheatfield, assignor to Remington Rand Inc., Buffalo, N. Y. Making fasteners. 2,186,892; Jan. 9.
Zenner, Frederick M., Southington, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Automatic pressing machine for key cards and like articles. 2,217,782; Oct. 15.
Zenner, George H., Kenmore, assignor to The Linde Air Products Company, New York, N. Y. Apparatus for operating cascade systems. 2,219,673; Oct. 29.
Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Telegraph switching system. 2,203,289; June 4.
Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Electroresponsive device. 2,219,157; Oct. 22.
Zent, Abram L., Dayton, Ohio, assignor to J. R. Schirmer, Kaylong, W. Va. Electrically heated implement. 2,206,994; July 9.
Zent, Harvey C., Keymar, Md. Fire escape. 2,223,980; Dec. 3.
Zentz, Max, and F. Noll, Munich, Germany. Production of compressed fodder mixtures. 2,223,904; Dec. 3.
Zerbe, Frederick K., Granville, assignor to A. O. Smith Corporation, Milwaukee, Wis. Making multilayer pressure vessels. 2,217,090; Oct. 8.
Zerk, Oscar U., and D. R. Vanneman, Chicago, Ill.; said Vanneman assignor to said Zerk. Refrigerant system operable by variable speed compressors including means for controlling compressor capacity. 2,191,102; Feb. 20.
Zerkowitz, Guido, Trieste, Italy, assignor to Gesellschaft für Linde's Eismaschinen A. G. Hollriegelskreuth, near Munich, Germany. Turbine for the expansion of gas to produce refrigeration. 2,204,169; June 11.
Zernike, Johannes, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Storage battery. 2,187.638; Jan. 16.
Zero Hour Bomb Company. (See Bleakley, William Y., assignor.)
Zero Hour Bomb Company. (See Bleakley, W. Y., and Schillinger, assignors.)
Zeruneith, Rudolph E., New York, N. Y. Wire stitcher. 2,226,916; Dec. 31.
Zeruneith, Rudolph E., New York, N. Y. Safety control. 2,226,917; Dec. 31.
Zervas, Paul, Cologne-Mulheim, Germany, assignor to General Aniline & Film Corporation. Polyazo dyestuffs. 2,190,750; Feb. 20.
Zerweck, Werner, and E. Heinrich, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs insoluble in water. 2,186,226; Jan. 9.

Zerweck, Werner, Frankfort-on-the-Main-Fechenheim, and W. Hechtenberg, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Sulphur dyestuffs. 2,188,102; Jan. 23.

Zerweck, Werner, and J. Riedmair, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline & Film Corporation. Vat dyestuffs of the anthraquinone series. 2,190,751; Feb. 20.

Zerweck, Werner, and W. Kunze, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline & Film Corporation. Azo dyestuffs insoluble in water. 2,191,103; Feb. 20.

Zerweck, Werner, and E. Heinrich, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline & Film Corporation. Acid wool dyestuffs of the anthraquinone series. 2,193,151; Mar. 12.

Zerweck, Werner, Frankfort-on-the-Main-Fechenheim, and W. Hechtenberg, Frankfort-on-the-Main, Germany, assignors, to General Aniline & Film Corporation. Sulphur dyestuff derived from indophenols. 2,202,040; May 28.

Zerweck, Werner, and K. Keller, Frankfort-on-the-Main-Fechenheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Triazinealdehyde resinous condensation products. 2,211,709; Aug. 13.

Zerweck, Werner, and K. Keller, Frankfort-on-the-Main-Fechenheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Diazinealdehyde resinous condensation products. 2,211,710; Aug. 13.

Zerweck, Werner, and K. Keller, Frankfort-on-the-Main-Fechenheim, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Resinous condensation products and making same. 2,218,077; Oct. 15.

Zerweck, Werner, and J. Riedmair, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Leuco sulphuric acid esters of vat dyestuffs of the anthanthrone series. 2,218,801; Oct. 22.

Zetzsche, Walther. (See Johannes, W., and Zetzsche.)

Zetzsche, Walther. (See Kleine, J., Zetzsche, and Saffert.)

Zeuch, Werner. (See Heinrich, H., Zeuch, and Meyer.)

Zeugner, John J., Baltimore, Md. Dose-measuring bottle closure. 2,185,699; Jan. 2.

Zeugner, John J., Baltimore, Md. Transparent container closure. 2,219,146; Oct. 22.

Zeun, Louis H., assignor to Peter Paul, Inc., Naugatuck, Conn. Machine for patting candy. 2,191,268; Feb. 20.

Zeun, Oswald. (See Braunschweig, W., and Zeun.)

Zgranik, Steven A. (See Cox, J. T., and Zgranik.)

Zick, Francis G., and C. E. Riel, Passaic, N. J., assignors to The Upjohn Company, Kalamazoo, Mich. Capsule. 2,196,283; Apr. 9.

Zide, Samuel, Lynn, assignor of one-third to J. I. Schoen, Boston, and one-third to David Fluke, Swampscott, Mass. Footwear. 2,223,775; Dec. 3.

Ziebolz, Herbert, Chicago, Ill., assignor to Askania-Werke A. G. Apparatus for controlling the flow of fluids. 2,185,970; Jan. 2.

Ziebolz, Herbert, Chicago, Ill., assignor to Askania-Werke A. G. Apparatus for controlling physical conditions. 2,195,351; Mar. 26.

Ziebolz, Herbert assignor to Askania Regulator Company, Chicago, Ill. Pressure fluid operated controlling device. 2,227,170; Dec. 31.

Ziebolz, Herbert, assignor to Askania Regulator Company, Chicago, Ill. Relay. 2,223,712; Dec. 3.

Ziebolz, Herbert, and H. J. Velten, assignors to Askania Regulator Company, Chicago, Ill. Ratio varying device. 2,222,551; Nov. 19.

Ziegenbein, Wilhelm, Berlin, Germany, assignor to General Electric Company. Telemetering system. 2,225,363; Dec. 17.

Ziegler, Arthur W., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric plate holder. 2,218,735; Oct. 22.

Zigler, Carl S., Gladewater, Tex., assignor to W. P. Lincoln, Shreveport, La., doing business as Lincoln Tank Company. Installing wooden bottoms in tanks. 2,223,713; Dec. 3.

Ziegler, Harry B., Odessa, Tex., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Equalizing valve arrangement for packers. 2,201,281; May 21.

Ziegler, John A. C. (See Faber, H. B., and Ziegler.)

Ziegler, Paul F., Evanston, and K. C. Hoeglund, Chicago, Ill., assignors to The Kendall Company, Boston, Mass. Making creped pressure-sensitive adhesive material. 2,214,006; Sept. 10.

Ziegler, Paul F., Winnetka, and K. C. Hoeglund, Chicago, Ill., assignors to The Kendall Company, Boston, Mass. Creped pressure-sensitive adhesive material. 2,214,007; Sept. 10.

Ziegler, Roy, Galt, Ontario, Canada. Spinning ring for spinning machines. 2,205,916; June 25.

Ziegler, Samuel A., trustee. (See Eaid, John R., assignor.)

Ziegler, Serge, Berlin, Germany. Oil separator. 2,188,993; Feb. 6.

Ziegler, Walter B., Indianapolis, Ind. Adjustable door type partition for conveyances and compartments. 2,220,436; Nov. 5.

Ziegler, William J., Clarks Summit, Pa. Paste dispenser cap or applicator. 2,215,491; Sept. 24.

Zielonka, Walter, Warren, Mass. Pneumatic saw. 2,193,895; Mar. 19.

Zieman, Alfred, San Francisco, Calif. Hinge and brace for folding table legs. 2,197,286; Apr. 16.

Ziemer, Elizabeth M., assignor to Line Material Company, South Milwaukee, Wis. Connector. 2,206,295; July 2.

Ziese, Walter, Mannheim, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Recovery of concentrated alkylene chlorhydrins. 2,215,865; Sept. 24.

Ziese, Walter, and F. Ebel, Mannheim, and A. Schneevoigt, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Conversion products of constituents of carob beans. 2,190,179; Feb. 13.

Ziganke, Ernst, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Electron tube mounting. 2,189,874; Feb. 13.

Ziglar, James F., Niagara Falls, N. Y. Apparatus for the cooling of beverages. 2,194,582; Mar. 26.

Zigler, Ward G., Chicago, Ill. Ironing machine. 2,203,936; June 11.

Zildjian, Avedis, Quincy, Mass. Cymbal. 2,189,095; Feb. 6.

Ziller, Hans-Joachim, Dusseldorf, Germany. Connecting hook for conveyer bands and the like. 2,224,532; Dec. 10.

Zillger, Arno, Narberth, Pa., assignor to National Television Corporation, Wilmington, Del. Television apparatus. 2,209,439; July 30.

Zillger, Arno, Narberth, Pa., assignor by mesne assignments, to National Television Corporation, Wilmington, Del. Television system. 2,213,061; Aug. 27.

Zillger, Arno, Narberth, Pa., assignor to National Television Corporation, Wilmington, Del. Television receiver. 2,210,745; Aug. 6.

Zillig, Peter D., Salamanca, N. Y. Timber splicer. 2,224,499; Dec. 10.

Zim Manufacturing Company. (See Berkman, Herbert A., assignor.)

Zima, Otto, Darmstadt, Germany, assignor to Merck & Co. Inc., Rahway, N. J. Production of ascorbic acid. 2,189,830; Feb. 13.

Zima, Otto, Darmstadt, Germany, assignor to Merck & Co. Inc., Rahway, N. J. Production of ascorbic acid. 2,190,167; Feb. 13.

Zimarik, Louis, assignor to The Prosperity Company Inc., Syracuse, N. Y. Laundry washing machine. 2,194,375; Mar. 19.

Zimarik, Louis, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Washing machine. 2,200,144; May 7.

Zimarik, Louis, assignor to The Prosperity Company Inc., Syracuse, N. Y. Washing machine (scum overflow). 2,204,461; June 11.

Zimic, Michael. (See Potter, Frederick J., assignor.)

Zimic, Michael, Forest Hills West, New York, N. Y. Knitting machine and method. 2,219,607; Oct. 29.

Zimka, John, and F. Miller, Chicago, Ill. Automotive vehicle construction. 2,190,279; Feb. 13.

Zimmer, Benjamin, Minneapolis, Minn. Egg weighing scale. 2,205,917; June 25.

Zimmer, Charles. (See Willard, Louis E., assignor.)

Zimmer, John C. (See Morway, A. J., and Zimmer.)

Zimmer, John C. (See Wiezevich, P. J., Zimmer, and Morway.)

Zimmer, John C., Hillside, N. J., assignor to Standard Oil Development Company. Sulphurized oil. 2,222,643; Nov. 26.

Zimmer, John C., Hillside, and A. J. Morway, Roselle, N. J., assignors to Standard Oil Development Company. Grease and making same. 2,189,873; Feb. 13.

Zimmer, John C., Hillside, and A. J. Morway, Roselle, N. J., assignors to Standard Oil Development Company. Steering gear lubricant. 2,209.500; July 30.

Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Knife sharpener. 2,186,715; Jan. 9.

Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Ice pick. 2,215,492; Sept. 24.

Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Paring and coring tool. 2,222,388; Nov. 19.

Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Treatment and assembly of lapped metal parts. 2,222,389; Nov. 19.

Zimmer, Paul, Venlo, Netherlands. Transparent stamp pocket for album mounting. 2,203,887; June 11.

Zimmerman, Arthur C., assignor to The Duro Company, Dayton, Ohio. Water seepage interceptor. 2,201,876; May 21.

Zimmerman, Arthur G., Indianapolis, Ind., assignor to Radio Corporation of America. Soundhead. 2,206,380; July 2.

Zimmerman, Arthur G., Indianapolis, Ind., assignor to Radio Corporation of America. Film magazine. 2,206,381; July 2.

Zimmerman, Arthur G., Indianapolis, Ind., assignor to Radio Corporation of America. Sound film mechanism. 2,219,731; Oct. 29.

Zimmerman, Arthur G., Indianapolis, Ind., assignor to Radio Corporation of America. Telephone. 2,226,959; Dec. 31.

Zimmerman, Charles E. (See Skold, John F., assignor.)

Zimmerman, Charles E., Chicago, Ill. Application of cosmetics. Re. 21,399; Mar. 12.

Zimmerman, Charles E., Chicago, Ill. Cosmetic applicator. 2,204,202; June 11.
Zimmerman, Charles E., Chicago, Ill. Application of cosmetics. 2,204,203; June 11.
Zimmerman, Frank M. (See Pearson, L. T., and Zimmerman.)
Zimmermann, Fritz, assignor, by mesne assignments, of one-half to Baker & Company, Inc., Newark, N. J., and one-half to Hercules Powder Company, Wilmington, Del. Reacting gas mixtures by means of precious metal catalysts. 2,226,149; Dec. 24.
Zimmerman, Herman W., Highland Park, assignor, by mesne assignments, to Automotive Maintenance Machinery Co., North Chicago, Ill. Torque measuring wrench. 2,190,966; Feb. 20.
Zimmerman, Herman W., Highland Park, assignor, by mesne assignments, to Automotive Maintenance Machinery Co., North Chicago, Ill. Torque measuring wrench. 2,190,967; Feb. 20.
Zimmerman, Herman W., Highland Park, assignor, by mesne assignments, to Automotive Maintenance Machinery Co., North Chicago, Ill. Torque measuring wrench. 2,199,553; May 7.
Zimmerman, Herman W., Highland Park, assignor, by mesne asignments, to Automotive Maintenance Machinery Co., North Chicago, Ill. Torque measuring wrench. 2,206,315; July 2.
Zimmerman, Herman W., Highland Park, assignor, by mesne assignments, to Automotive Maintenance Machinery Co., North Chicago, Ill. Torque measuring wrench. 2,211,401; Aug. 13.
Zimmerman, Herman W., Highland Park, assignor to Automative Maintenance Machinery Co., North Chicago, Ill. Shaping machine. 2,220,382; Nov. 5.
Zimmerman, James J., Kansas City, Mo. Shrub cutter. 2,212,430; Aug. 20.
Zimmerman, John, & Sons, Incorporated. (See Goetz, Jules A., assignor.)
Zimmerman, Louis, London, England. Garment display apparatus. 2,226,189; Dec. 24.
Zimmerman, Merle A. (See Kraft, W. W., Zimmerman, and Gibb.)
Zimmerman, Oliver B., Davis, assignor to Stewart-Burns, Inc., Chicago, Ill. Incinerator. 2,194,490; Mar. 26.
Zimmerman, Oscar, South Bend, assignor to P. Summy, Warsaw, Ind. Universal spray device. 2,212,533; Aug. 27.
Zimmerman, Raymond E. (See Archer, A. A., and Zimmerman.)
Zimmerman, Robert D. (See Shepherd, B. F., and Zimmerman.)
Zimmerman, Russell L., Galveston, Tex., assignor to Pan American Refining Corporation, New York, N. Y. Heating apparatus. 2,219,860; Oct. 29.
Zimmermann, William F., Maplewood, assignor to Gould & Eberhardt, Newark, N. J. Guard for horizontal shafts. 2,227,404; Dec. 31.
Zimmerman, William P. (See Hazelton, B. F., Jr., Zimmerman, and Holmes.)
Zimmermann, Frederick J., Wausau, Wis. Effervescent acetyl salicyclic acid compositions. 2,211,485; Aug. 13.
Zimmermann, Gustav, Stuttgart-Munster, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Direction indicator. 2,209,896; July 30.
Zimmermann, Hans J., Elkins Park, Pa. Device for measuring fuel consumption. 2,191,552; Feb. 27.
Zimmermann, Hanns F., La Chaux-de-Fonds, Switzerland. Coin actuated telephone apparatus. 2,206,147; July 2.
Zimmermann, Otto, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Photographic view finder. 2,206,382; July 2.
Zimmermann, Otto, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Photographic view finder. 2,217,930; Oct. 15.
Zimmermann, William F., Maplewood, assignor to Gould & Eberhardt, Newark, N. J. Selective worm gear table drive. 2,195,911; Apr. 2.
Zimmermann, William F., Maplewood, assignor to Gould & Eberhardt, Newark, N. J. Worm gearing. 2,195,912; Apr. 2.
Zimmermann, William F., Maplewood, assignor to Gould & Eberhardt, Newark, N. J. Power operated swivel carriage for hobbing machines. 2,211,309; Aug. 13.
Zimowske, Fred J., Mio, Mich. License plate holder. 2,221,503; Nov. 12.
Zink, Donald G., Linthicum Heights, Md., assignor to U. S. Industrial Alcohol Co., New York, N. Y. Brake fluid and the like. 2,226,487; Dec. 24.
Zink, George A., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Making bearings. 2,222,525; Nov. 19.
Zink, John S., Tulsa, Okla. Combination gas and oil burner. 2,204,719; June 18.
Zink, John S., Tulsa, Okla. Combination gas and oil burner. 2,216,508; Oct. 1.
Zink, Robert, Bridgeville, Pa., assignor to American Cyanamid & Chemical Corp., New York, N. Y. Sulphonated terpenyl alkyl phenols. 2,186,132; Jan. 9.
Zink, William L., Plano, and V. O. Hauswirth, Kankakee, assignors to Sears, Roebuck and Co., Chicago, Ill. Disk harrow. 2,192,252; Mar. 5.
Zinke, Alois, Graz, Austria, assignor to Reichhold Chemicals, Inc., Detroit, Mich. Making gasolines of high quality. 2,212,805; Aug. 27.
Zinke, Carl J., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,211,193; Aug. 13.
Zinke, Erhard, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Thermionic valve. 2,217,427; Oct. 8.
Zinke, Helmut. (See Haussmann, H., Meissner, Pinkernelle, and Zinke.)
Zinkil, Roy H. (See Andersen, L., Fredrickson, Newman, Van Sciver, and Zinkil.)
Zinkil, Roy H. (See Andersen, L., Fredrickson, and Zinkil.)
Zinkil, Roy H. (See Fredrickson, E. A., Andersen, Van Sciver, and Zinkil.)
Zinkil, Roy H., Oak Park, and E. A. Fredrickson, assignors to Crane Co., Chicago, Ill. Mixing valve. 2,188,258; Jan. 23.
Zinkil, Roy H., Oak Park, E. A. Fredrickson and J. M. Kovarik, Jr., assignors to Crane Co., Chicago, Ill. Valve. 2,188,850; Jan. 30.
Zinolite Company of Montana, The. (See Hinchman, William H. D., assignor.)
Zinser, Paul R., assignor to Woodall Industries Incorporated, Detroit, Mich. Trim panel. 2,213,296; Sept. 3.
Zinsitz, Matthew G., Brookfield, Wis. Muffler. 2,205,024; June 18.
Zint, George, Wapakoneta, Ohio. Railway crossing signal switch. 2,200,570; May 14.
Zintsmaster, Tim, Cleveland Heights, Ohio. Engine throttle control. 2,201,070; May 14.
Ziolkowski, Alex, Chicago, Ill. Curtain and drapery support. 2,195,979; Apr. 2.
Zion Industries, Inc. (See Studebaker, George, assignor.)
Zippel, Hyman M., Philadelphia, Pa. Knitting machine and method. 2,214,517; Sept. 10.
Zipser, Sidney, Los Angeles, assignor to Technicolor Motion Picture Corporation, Los Angeles (Hollywood), Calif. Portable light meter. 2,202,939; June 4.
Ziringer, Roscoe C., Pittsburgh, Pa. Ground meat mold. 2,191,921; Feb. 27.
Zisman, Louis H., Bakersfield, Calif. Line cleaning device. 2,222,191; Nov. 19.
Zisman, William A. (See Giranson, R. W., and Zisman.)
Zitscher, Arthur. (See Kracker, H., Zitscher, and Schmitt.)
Zitscher, Arthur, Kronberg in Taunus, R. Schmitt, Darmstadt, and H. Kracker, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline & Film Corporation. Water-insoluble azo dyestuffs and fiber dyed therewith. 2,203,038; June 4.
Zittrich, Emil, and K. Wenzel, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Flexible high voltage line. 2,223,198; Nov. 26.
Zitz, Valentine A. (See Way, F. M., and Zitz.)
Zitzerman, Isaac D., Kansas City, Mo. Crankpin turning tool. 2,219,245; Oct. 22.
Zitzmann, George, College Point, N. Y. Ignition test device. 2,213,297; Sept. 3.
Zizinia, Paul T., Belmar, and T. L. McKenna, Newark, N. J. Chocolate product. 2,201,820; May 21.
Zobel, Theodor, and U. Noetzlin, Berlin, Germany, assignors, by mesne assignments, to The Linde Air Products Company, New York, N. Y. Metal cutting process. 2,195,384; Mar. 26.
Zoder, Incorporated. (See Zoder, Orren E., assignor.)
Zoder, Orren E., assignor to J. R. Fortune, St. Louis, Mo. Safety apparatus. 2,194,348; Mar. 19.
Zoder, Orren E., assignor, by mesne assignments, to Zoder, Incorporated, St. Louis, Mo. Safety apparatus. 2,212,486; Aug. 20.
Zoerb, Howard M. (See Gruender, O. C., and Zoerb.)
Zoia, Hector G., Cleveland, Ohio. Coffeepot or the like. 2,211,486; Aug. 13.
Zola, Morris, New York, N. Y. Buckle construction. 2,219,674; Oct. 29.
Zolkoski, Joseph, et al. (See Comfort, Michael, assignor.)
Zoller, Julius. (See Hoffmann, A., and Zoller.)
Zone-O-Trol-Pierce, Inc. (See Goldsmith, Elmer L., assignor.)
Zone-O-Trol-Pierce, Incorporated. (See Rosenthal, Lawrence, assignor.)
Zonis, Sydney, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Take-up for sewing machines. 2,191,736; Feb. 27.
Zonis, Sydney, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Zigzag machine with two needles and two hooks. 2,207,141; July 9.
Zonis, Sydney, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,211,633; Aug. 13.
Zoob, Herman, New York, N. Y. Man's shorts. 2,216,897; Oct. 8.
Zook, Harry, et al. (See Weaver, James C., assignor.)
Zottel, Herman J., assignor to Metal Office Furniture Company, Grand Rapids, Mich. Desk. 2,225,243; Dec. 17.
Zotter, John J., Brooklyn, N. Y. Fuel consumption tester. 2,201,019; May 14.
Zottu, Paul D., West Caldwell, N. J., assignor to Radio Corporation of America. Concentric lines and circuits therefor. 2,203,481; June 4.

Zottu, Paul D., West Caldwell, N. J., assignor to Radio Corporation of America. Ultra high frequency system. 2,220,437; Nov. 5.
Zottu, Paul D., West Caldwell, N. J., assignor to Radio Corporation of America. Concentric lines and circuits therefor. 2,222,644; Nov. 26.
Zoulfakos, William G., Chicago, Ill. Cigarette holder. 2,205,511; June 25.
Zouras, George C. (See Yeatts, William, assignor.)
Zrenchik, William J. (See Spalek, A., and Zrenchik.)
Zschacke, Fritz H. (See Oberländer, C., and Zschacke.)
Zschau, Hugo M., assignor to Wodack Electric Tool Corporation, Chicago, Ill. Armature. 2,188,170; Jan. 23.
Zschau, Hugo M., assignor to Wodack Electric Tool Corporation, Chicago, Ill. Abrading machine. 2,201,420; May 21.
Zschimmer & Schwarz Chemische Fabrik Dölau. (See Huttenlocher, Richard, assignor.)
Zubek, John, Detroit, Mich. Electric clock mechanism. 2,203,186; June 4.
Zublin, John A., Los Angeles, Calif. Compact roller drilling bit. 2,201,569; May 21.
Zublin, John A., Los Angeles, Calif. Rotary earth boring bit. 2,201,570; May 21.
Zublin, John A., Los Angeles, Calif. Combined fluid and rotary driven drilling bit. 2,207,187; July 9.
Zublin, John A., Los Angeles, Calif. Drill bit. 2,207,188; July 9.
Zublin, John A., Los Angeles, Calif. Roller cutter. 2,223,864; Dec. 3.
Zublin, John A., Los Angeles, Calif. Elastic bit breaker. 2,227,208; Dec. 31.
Zublin, John A., Los Angeles, Calif. Gyrating rotary bit. 2,227,209; Dec. 31.
Zublin, John A., Los Angeles, Calif. Drill bit with non-tracking rollers. 2,227,210; Dec. 31.
Zuccarello, William E., assignor to The Macarello Corporation, Jacksonville, Fla. Antistatic receiving system. 2,200,613; May 14.
Zuck, Paul E., and P. Evans, Stillwater, Okla. Headrest. 2,219,799; Oct. 29.
Zucker, Anton. (See Glocksine, J. R., and Zucker.)
Zucker, Jay H. (See Conway, Joseph D., assignor.)
Zuckerman, Adolph M. (See Keller, G. M., and Zuckerman.)
Zuckerman, Adolph M., assignor to R. Hoe & Co., Inc., New York, N. Y. Plate clamp. 2,214,983; Sept. 17.
Zuckerman, John, Stockton, Calif. Beet harvester. 2,214,949; Sept. 17.
Zückert, Richard, assignor to "Koh-i-noor" tužkárna L. & C. Hardtmuth, Budweis, Czechoslovakia. Pencil having a multicolored lead. 2,190,507; Feb. 13.
Zückert, Richard, Bohmisch-Budweis, assignor to the firm "Koh-i-noor" tužkárna L. & C. Hardtmuth, Ces. Budejovice, Czechoslovakia. Lead for black-lead, colored, and copying pencils and the like. 2,190,508; Feb. 13.
Zuercher, Chris. (See Fields, M. J., and Zuercher.)
Zuercher, Werner. (See Felix, F., and Zuercher.)
Zuger, Frank, assignor of one-half to E. J. Tuttle, Waitsburg, Wash. Tongue throw for implement carts. 2,222,827; Nov. 26.
Zugschwerdt, Werner H. (See McNally, J. G., Dickey, and Zugschwerdt.)
Zuhlke, William R. (See Daly, R. E., Zuhlke and Reynolds.)
Zuhlke, William R., Yonkers, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Method of and apparatus for conditioning air. 2,201,688; May 21.
Zukor, Arnold, New York, N. Y. Protector for windows. 2,195,291; Mar. 26.
Zullo, Samuel, Jersey City, N. J. Electrical motor for timing mechanisms. 2,205,077; June 18.
Zum-Berge, Emil H., Dallas, assignor, by mesne assignments, to Estate of Emil H. Zum-Berge and George Klein, both of Dallas, Tex. Underreamer. 2,203,246; June 4.
Zumft, George V., Stony Brook, assignor to The X-Sellent Novelty Company, New York, N. Y. Bookmark. 2,202,787; May 28.
Zunick, Michael J. (See Wernlund, C. J., and Zunick.)
Zupanec, William, Schenectady, N. Y., assignor to General Electric Company. Scale and pointer indicator. 2,215,310; Sept. 17.
Zurbrügg, Emil, assignor to Aluminium-Industrie-Aktien-Gesellschaft, Neuhausen, Switzerland. Pressure vessel for compressed oxygen or oxygen-containing gases. 2,205,708; June 25.
Zürcher, Josef, and A. Blickenstorfer, assignors to Grob & Co. Aktiengesellschaft, Horgen, Switzerland. Heddle frame for looms. 2,216,682; Oct. 1.
Zurenda, Joseph J., Jr. (See James, N., and Zurenda.)
Zurn, J. A., Manufacturing Company. (See Shenk, Robert H., assignor.)
Zuschlag, Theodor, West Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Magnetic analysis. 2,202,884; June 4.
Zuschlag, Theodor, West Englewood, N. J., assignor to Hans T. F. Lundberg, Montreal, Quebec, Canada. Apparatus for geophysical exploration. 2,202,885; June 4.
Zuschlag, Theodor, West Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Demagnetization. 2,207,392; July 9.
Zuschlag, Theodor, West Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Magnetic analysis. 2,208,145; July 16.
Zutavern, Philipp, and H. Metzger, Ludwigshafen-on-the-Rhine, Germany, assignors to E. Bilhuber, Inc., Jersey City, N. J. Preparation of diacetyldihydromorphinone. 2,203,121; June 4.
Zwack, Raymond T. (See MacNeil, C. I., and Zwack.)
Zwack, Raymond T., assignor to Eclipse Aviation Corporation, East Orange, N. J. Light directing device. 2,187,551; Jan. 16.
Zweifel, Otto. (See Noack, W. G., and Zweifel.)
Zwerina, Rudolf, Vienna, Austria. Rocket. 2,191,841; Feb. 27.
Zwick, Kurt, Munich, assignor to F. Deckel, Munich-Prinz Ludwigshoe, Bavaria, Germany. Driving means for engraving and copying machines. 2,204,841; June 18.
Zwick, Kurt, Munich, assignor to F. Deckel, Munich-Prinz Ludwigshohe, Germany. Grinding machine. 2,213,756; Sept. 3.
Zwick, Kurt, Munich, assignor to F. Deckel, Munich-Prinz Ludwigshohe, Bavaria, Germany. Feeding device for machine tools. 2,217,091; Oct. 8.
Zwickel, Elmer L., executor. (See Brennan, Daniel A.)
Zwickl, Joseph R. (See Weiland, A., and Zwickl.)
Zwierlein, Henry A., Euclid, assignor to The Ajax Manufacturing Company, Cleveland, Ohio. Ejector mechanism for metal forming presses. 2,187,479; Jan. 16.
Zwierzina, Alois J., et al. (See Ackerman, Edward L., assignor.)
Zwierzina, Alois J., assignor to Ackerman-Blaesser-Fezzy, Inc., Detroit, Mich. Window regulator. 2,212,220; Aug. 20.
Zwilgmeyer, Frithjof. (See Dahlen, M. A., and Zwilgmeyer.)
Zwilgmeyer, Frithjof. (See Dahlen, M. A., Bigelow and Zwilgmeyer.)
Zwilgmeyer, Frithjof, Arden, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dye intermediate. 2,193,996; Mar. 19.
Zwilgmeyer, Frithjof, Arden, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ice color. 2,193,997; Mar. 19.
Zwilgmeyer, Frithjof, Arden, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Diazonium compound. 2,193,998; Mar. 19.
Zwilling, Theodor, assignor to Deutsche Werke Kiel Aktiengesellschaft, Postschliessfach, Kiel, Germany. Atomizer burner for liquid fuels. 2,204,170; June 11.
Zworykin, Vladimir K., Philadelphia, Pa., assignor to Radio Corporation of America. Picture transmitter tube. 2,201,215; May 21.
Zworykin, Vladimir K., Philadelphia, Pa., assignor to Radio Corporation of America. Television system. 2,206,654; July 2.
Zworykin, Vladimir K., Philadelphia, Pa., and L. Malter, Newark, N. J., assignors to Radio Corporation of America. Electric discharge device. 2,189,305; Feb. 6.
Zworykin, Vladimir K., Philadelphia, Pa., and L. Malter, Collingswood, N. J., assignor to Radio Corporation of America. Electric discharge device. 2,205,055; June 18.
Zwoyer, Walter R., Maywood, N. J., assignor to Transparent-Wrap Machine Corporation, New York, N. Y. Joint-sealing device dependent on an application of heat and pressure. 2,222,011; Nov. 19.
Zylo Ware Corporation. (See Rey, Stephen, assignor.)
Zyma, Karl. (See Pitura, M., and Zyma.)

LIST OF DESIGN PATENTEES

Aarons, Joseph, New York, N. Y. Embroidered fabric. 119,116; Feb. 20.
Aaronson, Morris L., New York, N. Y. Button or similar article. 118,423; Jan. 2.
Abbate, Jacob, New York, N. Y. Dress ensemble. 122,528; Sept. 10.
Abbott, Eugene D., Kansas City, Mo. Clothes-pin bag. 123,195; Oct. 22.
Abbott, Lillian, New York, N. Y. Dress. 120,443; May 7.
Abrams, Albert, New York, N. Y. Double ended jar or similar article. 120,902; June 4.
Abrams, Nicholas, Chicago, Ill. Illuminator. 121,757; Aug. 6.
Abrams, Saul E., Chicago, Ill. Dress. 123,651; Nov. 19.
Abramson, John H., assignor to Greenlee Bros. & Co., Rockford, Ill. Handle for screw drivers and the like. 119,975; Apr. 16.
Abzug, Israel, New York, N. Y. Blouse. 118,895; Feb. 6.
Ace Novelty Products Corporation. (See Lubarsky, R., and Smizaski, assignors.)
Aché, William W., Los Angeles, Calif. Combined bumper, head lamps and license plate holder. 120,209; Apr. 30.
Ackerman, A. Jay, Warren, Conn., assignor to New Martinsville Glass Manufacturing Company, New Martinsville, W. Va. Candlestick. 121,407; July 9.
Acme Ring Co. (See Mengel, Otto H., assignor.)
Acme Shear Company, The. (See Guild, Lurelle, assignor.)
Acme Specialty Manufacturing Company, The. (See Bohn, Walter J., assignor.)
Adams, Gilford D., Butterfield, Mo. Grave marker. 122,656; Sept. 24.
Adams, Richard C., East Cleveland, assignor to The Sherwin-Williams Company, Cleveland, Ohio. Display cabinet. 123,826; Dec. 3.
Adams, Theodore, Providence, R. I. Combination vanity and cigarette case. 122,811; Oct. 1.
Addison, Myrtle I., Lynbrook, Long Island, N. Y. Scarf. 119,536; Mar. 19.
Adirondack Sportswear, Inc. (See Breier, Benjamin, assignor.)
Adlake Company, The. (See Alm, Henry G., assignor.)
Adlake Company, The. (See Stewart, Lemuel L., assignor.)
Adler, Louis, W. Wegeman, and S. Tesher, New York, N. Y. Combination slacks and riding breeches. 120,307; Apr. 30.
Addressograph-Multigraph Corporation. (See Sand, Charles H., Jr., assignor.)
Advertising Corporation of West Virginia. (See Strauss, Charles J., assignor.)
Advertising Displays Inc. (See Austin, Charles D., assignor.)
Advertising Scale Corporation. (See Wilson, George, assignor.)
Aeolian American Corporation. (See Kavanagh, Gardner C., assignor.)
Agnello, Anthony, Roseville, Mich. Combined brush and comb. 124,377; Dec. 31.
Aguas, Cayetano, Long Beach, Calif. Table center piece. 121,939; Aug. 13.
Ahrens, George, New York, N. Y. Fur collar. 121,345; July 2.
Aibel, Samuel H., New York, N. Y. Veiling. 121,940; Aug. 13.
Aibel, Samuel H., New York, N. Y. Veiling. 121,941; Aug. 13.
Aimes, Francis M., Yonkers, N. Y. Cigarette dispenser or similar article. 122,706; Sept. 24.
Ainsworth, George, New York, N. Y. Electric lighting fixture. 121,291; July 2.
Air Control Products, Inc. (See Lundgren, Carl S., assignor.)
Aircraft Radio Corporation. (See Drake, F. H., and Johanson, assignors.)
Air-Way Electric Appliance Corporation. (See Dow, D. M., Burmeister, and Lindberg, assignors.)
Aitcheson, Thomas G. (See Osterberg, H., and Aitcheson.)
Alameda County Chapter of the National Foundation for Infantile Paralysis, Inc. (See Marovich, Daniel, assignor.)
Alaska Freezer Co., The, et al. (See Townsend, James W., assignor.)
Alazet, Jean, Perpignan, France. Radio cabinet or similar article. 120,392; May 7.
Albers, John R., Sioux City, Iowa. Supporting tower for wind charging units. 121,663; July 30.
Albert Specialty Company. (See Moore, Francis K., assignor.)
Albright, William A. (See Laursen, Viggo, assignor.)
Alenikoff, Philip, New York, N. Y. Coat. 122,190; Aug. 27.
Alex, Anastasius G. (See Sargent, E. H., and Alex.)
Alexander, John R., Paris, Tex. Bicycle frame. 118,611; Jan. 23.
Alexander, John R., Paris, Tex. Bicycle frame. 122,812; Oct. 1.
Alexander, Joseph, New York, N. Y. Textile fabric. 119,777; Apr. 2.
Alger, Don L., Avalon, Calif. Game board. 119,032; Feb. 20.
Alkon, Jacob H., New York, N. Y. Dress ensemble. 120,944; June 4.
Allen-Bradley Company. (See Reinecke, Jean O., assignor.)
Allen, Everett W., Birmingham, assignor to Yellow Truck & Coach Manufacturing Company, Pontiac, Mich. Motor coach body. 119,315; Mar. 5.
Allen, Grosvenor N., Oneida, N. Y., and M. P. Fleming, Snyder, assignors to Oneida Ltd., Oneida, N. Y. Spoon or similar article. 122,108; Aug. 27.
Allen, Jack G., assignor to F. H. Noble & Co., Chicago, Ill. Display box for jewelry or the like. 121,463; July 16.
Allen, Jack G., assignor to F. H. Noble & Co., Chicago, Ill. Display box for jewelry or the like. 122,152; Aug. 27.
Allen, John E., Chicopee Falls, Mass., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Tire. 122,250; Sept. 3.
Allen, Raymond W. (See Hoke, Henry L., and Allen.)
Allen, Raymond W. (See Reeves, R. L., and Allen.)
Allgor, Robert F., Bergenfield, N. J. Textile fabric. 124,281; Dec. 24.
Allgor, Robert F., Bergenfield, N. J. Textile fabric. 124,352; Dec. 31.
Alliance Porcelain Products Company, The. (See Chesney, Robert M., assignor.)
Allis-Chalmers Manufacturing Company. (See Scranton, Charles J., assignor.)
Allison, William L., Phoenix, Ariz. Lamp standard. 118,358; Jan. 2.
Allman, Henry H., Philadelphia, Pa. Wall paper. 123,332; Oct. 29.
Alm, Henry G., Elkhart, Ind., assignor to The Adlake Company. Lighting fixture globe or similar article. 118,717; Jan. 30.
Alm, Henry G., Elkhart, Ind., assignor to The Adlake Company. Lighting fixture globe or similar article. 118,718; Jan. 30.
Alper, Abraham, New York, N. Y. Suit. 119,339; Mar. 5.
Alper, Abraham, New York, N. Y. Coat. 119,340; Mar. 5.
Alsfelder, Perry F., assignor to The Brunhoff Manufacturing Company, Cincinnati, Ohio. Cabinet top panel. 123,196; Oct. 22.
Alsfelder, Perry F., assignor to The Brunhoff Manufacturing Company, Cincinnati, Ohio. Cabinet top panel. 123,197; Oct. 22.
Alsfelder, Perry F., assignor to The Brunhoff Manufacturing Company, Cincinnati, Ohio. Cabinet top panel. 123,198; Oct. 22.
Altmark, Hilda, New York, N. Y. Dress. 124,053; Dec. 17.
Altmark, Hilda, New York, N. Y. Dress. 124,433; Dec. 31.
Aluminum Cooking Utensil Company, The. (See Cooner, Charles C., Jr., assignor.)
Aluminum Cooking Utensil Company, The. (See Keith, Wilfred D., assignor.)
Aluminum Cooking Utensil Company, The. (See Towne, Carlton G., assignor.)
Ambrose, John P., Bronx, assignor to Phinney-Walker Co. Inc., New York, N. Y. Pull wind panel clock. 118,466; Jan. 9.
Ambrose, Charles A., Memphis, Tenn. Toy bank. 118,809; Feb. 6.
Amco, Incorporated. (See Spencer, Howard F., assignor.)
Amen, Vivian, New York, N. Y. Dress. 121,442; July 9.
Amen, Vivian, New York, N. Y. Dress. 121,971; Aug. 13.
Amen, Vivian, New York, N. Y. Dress. 122,832; Oct. 1.
Amen, Vivian, New York, N. Y. Dress. 122,833; Oct. 1.
Amen, Vivian, New York, N. Y. Dress. 123,143; Oct. 15.
Amen, Vivian, New York, N. Y. Dress ensemble. 123,333; Oct. 29.
Amen, Vivian, New York, N. Y. Dress. 123,609; Nov. 19.
Amen, Vivian, New York, N. Y. Dress. 124,465; Dec. 31.
Amend, Ottilie, assignor to herself and F. Gilpin-Brown, New York, N. Y. Votive light holder. 121,582; July 23.
Amend, Ottilie, assignor to herself and F. Gilpin-Brown, New York, N. Y. Holy water font. 121,664; July 30.
Amend, Ottilie, assignor to herself and F. Gilpin-Brown, New York, N. Y. Shrine. 121,665; July 30.
Amend, Ottilie, assignor to herself and Frances Gilpin-Brown, New York, N. Y. Match holder. 121,861; Aug. 13.
American Anode Inc. (See Hansen, Merrill E., assignor.)
American Cabinet Hardware Corp. (See Borchers, Earl, assignor.)
American Can Company. (See Trevisan, Louis A., assignor.)

American Can Company. (See Worthington, Everett, assignor.)
American Electrical Heater Company. (See Kuhn, F., and Thomas, assignors.)
American Export Airlines, Inc. (See Dreyfuss, Henry, assignor.)
American Fabrics Company, The. (See Wackerman, Charles S., assignor.)
American Floor Surfacing Machine Company, The. (See Kneisley, Richard F., assignor.)
American Fork & Hoe Company, The. (See Lutman, F. B., assignors.)
American Fork & Hoe Company. (See Rector, Walter W., assignor.)
American Fork & Hoe Company, The. (See Tengel, Louis, assignor.)
American Fork & Hoe Company. (See Withington, Winthrop, assignor.)
American Hard Rubber Company. (See Carson, Oswald B., assignor.)
American Insulator Corporation. (See Johns, George A., assignor.)
American Ironing Machine Co. (See Peters, Arthur H., assignor.)
American-La France-Foamite Corporation. (See Grybos, John J., assignor.)
American Lead Pencil Company. (See Juelss, David, assignor.)
American Locomotive Company. (See Kuhler, Otto, assignor.)
American Machine & Foundry Company. (See Jensen, T., and Rosengren, assignors.)
American Manufacturing Company. (See Robinson, H. C., and Challis, assignors.)
American Optical Company. (See Cozzens, Charles O., assignor.)
American Optical Company. (See Halikman, Harris K., assignor.)
American Optical Company. (See Lehmberg, William H., assignor.)
American Seating Company. (See Bond, Willard H., Jr., assignor.)
American Supercraft Corporation. (See Schoenbrod, Robert D., assignor.)
American Tool Works Company. (See Hoelscher, William G., assignor.)
American Type Founders, Inc. (See Riley, Frank H., assignor.)
American Type Founders, Inc. (See Tammen, Glenn W., assignor.)
Amster, Gershon. (See Schnitt, Jacob, assignor.)
Amyot, Louis J. A., Quebec, Canada. Brassière or similar article. 119,684; Mar. 26.
Ancell, Samuel, New York, N. Y. Dress. 119,909; Apr. 9.
Ancell, Samuel, New York, N. Y. Dress. 120,164; Apr. 23.
Ancell, Samuel, New York, N. Y. Dress. 120,320; Apr. 30.
Ancell, Samuel, New York, N. Y. Dress. 121,053; June 11.
Ancell, Samuel, New York, N. Y. Dress. 121,241; June 25.
Ancell, Samuel, New York, N. Y. Dress. 121,454; July 9.
Ancell, Samuel, New York, N. Y. Dress. 122,352; Sept. 3.
Ancell, Samuel, New York, N. Y. Dress. 122,950; Oct. 8.
Ancell, Samuel, New York, N. Y. Dress. 122,951; Oct. 8.
Anchor Cap & Closure Corporation. (See Nash, Benjamin S., assignor.)
Andersen, Otto, Racine, Wis. Baseball game device. 121,758; Aug. 6.
Anderson, Bert J., Warsaw, Ind. Child's vehicle. 123,238; Oct. 22.
Anderson, Bert J., Warsaw, Ind. Velocipede frame. 123,377; Nov. 5.
Anderson, Charna J. L., New York, N. Y., assignor to The Worcester Knitting Company, Worcester, Mass. Bathing suit. 124,162; Dec. 17.
Anderson, Edmund E., Pleasant Ridge, assignor to General Motors Corporation, Detroit, Mich. Radiator grille for an automobile. 121,628; July 23.
Anderson, Eugene R., Chicago, Ill. Juvenile car. 120,981; June 11.
Anderson, George W., Akron, Ohio. Tire. 121,176; June 25.
Anderson, George W., assignor to The General Tire & Rubber Company, Akron, Ohio. Tire. 121,886; Aug. 13.
Anderson, George W., assignor to The General Tire & Rubber Company, Akron, Ohio. Tire. 123,255; Oct. 29.
Anderson, George W., assignor to The General Tire & Rubber Company, Akron, Ohio. Tire. 123,827; Dec. 3.
Anderson, John W., Gary, Ind., assignor to Productive Inventions, Inc. Instrument dial. 122,911; Oct. 8.
Anderson, John W., Gary, Ind., assignor to Productive Inventions, Inc. Instrument dial. 122,912; Oct. 8.
Anderson, Lester F., East Orange, N. J., assignor to Wabash Appliance Corporation, Brooklyn, N. Y. Electric flash bulb. 122,429; Sept. 10.
Anderson, Margaret L., Springfield, Ill. Window guard. 121,464; July 16.
Anderson, Maurice, Edgewood, R. I. Bracelet end member. 120,292; Apr. 30.
Anderson, Maurice, Edgewood, R. I. Chain. 121,086; June 18.
Anderson, Thomas M., Roscoe, assignor to Ugoa Game Company, Los Angeles, Calif. Game board for playing with cards. 119,369; Mar. 12.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Computing machine. 119,446; Mar. 12.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Computing machine. 119,484; Mar. 19.
Anderson, William C., Bromley, Ky., and F. Harvey, Cincinnati, Ohio. Electric switch cabinet handle. 119,418; Mar. 12.
Andis, Mathew, Racine, Wis. Massaging device. 123,584; Nov. 19.
Andrée, Gilberte, New York, N. Y. Dress. 122,282; Sept. 3.
Andrée, Gilberte, New York, N. Y. Dress. 122,332; Sept. 3.
Andrée, Gilberte, New York, N. Y. Dress ensemble. 122,975; Oct. 8.
Andrée, Gilberte, New York, N. Y. Dress. 122,990; Oct. 8.
Andrée, Gilberte, New York, N. Y. Dress. 123,634; Nov. 19.
Andres, Lloyd J., Chicago, Ill. Phonograph cabinet. 119,989; Apr. 16.
Andres, Lloyd J., Chicago, Ill. Phonograph cabinet. 119,990; Apr. 16.
Andres, Lloyd J., Chicago, Ill. Phonograph cabinet. 119,991; Apr. 16.
Andres, Lloyd J., Chicago, Ill. Phonograph cabinet. 119,992; Apr. 16.
Andres, Lloyd J., Chicago, Ill. Combined remote controller and loudspeaker casing. 121,177; June 25.
Andres, Lloyd J., Chicago, Ill. Combined remote controller and loud-speaker casing. 121,178; June 25.
Andres, Lloyd J., Chicago, Ill. Combined remote controller and loud-speaker casing. 121,179; June 25.
Andres, Lloyd J., Chicago, Ill. Combined remote controller and loud-speaker casing. 121,180; June 25.
Andres, Lloyd J., Chicago, Ill. Combined microphone and display casing. 121,712; July 30.
Andres, Lloyd J., Chicago, Ill. Communication switchboard. 122,935; Oct. 8.
Andres, Lloyd J., Chicago, Ill., assignor to Automatic Instrument Company, Grand Rapids, Mich. Remote control reproducer casing or similar article. 119,574; Mar. 19.
Andrews, Anatol N., Los Angeles, Calif. Fountain pen or similar article. 121,087; June 18.
Andrews, Willard E., Sycamore, Ill. Game board. 119,370; Mar. 12.
Anemostat Corporation of America. (See Kurth, F. J., and Fischer, assignors.)
Anemostat Corporation of America. (See Serre, Maurice, Hewett, and Schaefer.)
Angelica Jacket Company. (See Donahue, Mary E., assignor.)
Annenberg, Sylva, New York, N. Y. Vase or similar article. 121,555; July 16.
Ansell, Frank E., Brooklyn, N. Y. Combined bottle and stopper therefor. 124,054; Dec. 17.
Ansonia Electrical Company, The. (See Davis, Malcolm I., assignor.)
Anstice, Josiah, & Company. (See Anstice, Mortimer R., assignor.)
Anstice, Josiah, & Company. (See Anstice, M. R., and Clague, assignors.)
Anstice, Mortimer R., assignor to Josiah Anstice & Company, Inc., Rochester, N. Y. Peeling machine. 118,467; Jan. 9.
Anstice, Mortimer R., assignor to Josiah Anstice & Company, Inc., Rochester, N. Y. Beater for mixing machines. 119,841; Apr. 9.
Anstice, Mortimer R., assignor to Josiah Anstice & Company, Inc., Rochester, N. Y. Beater for mixing machines. 119,842; Apr. 9.
Anstice, Mortimer R., assignor to Josiah Anstice & Company, Inc., Rochester, N. Y. Dough hook. 119,843; Apr. 9.
Anstice, Mortimer R., Rochester, and J. D. Clague, Livonia, assignors to Josiah Anstice & Company, Inc., Rochester, N. Y. Food mixer. 119,953; Apr. 16.
Antiseptol Company. (See Brooks, Robert M., assignor.)
Anunziata, John, New York, N. Y. Dress. 122,813; Oct. 1.
Apex Electrical Manufacturing Company, The. (See Chapman, David, assignor.)
Apex Electrical Manufacturing Company, The. (See Dreyfuss, Henry, assignor.)
Appel, Robert. (See Kuhlman, Florence, assignor.)
Appel, Roslyn I., New York, N. Y. Negligee or similar article. 123,720; Nov. 26.
Appelbaum, Lola, New York, N. Y. Dress. 120,428; May 7.
Appleby, Robert R., Pelham, assignor of one-half to The British War Relief Society, Inc., and one-half to Bundles for Britain, New York, N. Y. Badge. 123,071; Oct. 15.
Arakelian, Charles B., Watertown, Mass. Hanging lighting fixture. 122,581; Sept. 17.
Araldi, Umberto, Sewickley, Pa. Lamp. 123,256; Oct. 29.

Arbogast, Alfred C., assignor to Northern Indiana Brass Company, Elkhart, Ind. Ball cock. 119,583; Mar. 26.
Archer, Joseph, Chicago, Ill. Portable combined seat and back rest. 121,266; July 2.
Arcularius, Charles Du B., New Canaan, Conn. Cuff link. 120,722; May 28.
Arcularius, Charles D., New Canaan, Conn. Tie clip. 122,886; Oct. 8.
Arden Farms, Inc. (See Lewis, Troy D., assignor.)
Arenberg, Albert L., Highland Park, assignor to Patent License Corporation, Chicago, Ill. Combined globe and panel for a lighting fixture. 118,359; Jan. 2.
Arenberg, Albert L., Highland Park, assignor to Patent License Corporation, Chicago, Ill. Combined light transmitting panel and globes for a lighting fixture. 120,658; May 21.
Arenberg, Albert L., Highland Park, assignor to Patent License Corporation, Chicago, Ill. Combined globe and panel for lighting fixtures. 120,772; May 28.
Arenberg, Albert L., Highland Park, assignor to Patent License Corporation, Chicago, Ill. Combined globe and panel for lighting fixtures. 120,773; May 28.
Arenberg, Albert L., Highland Park, assignor to Patent License Corporation, Chicago, Ill. Light transmitting globe. 120,903; June 4.
Arenberg, Albert L., Highland Park, assignor to Patent License Corporation, Chicago, Ill. Lighting fixture. 124,167; Dec. 24.
Arens, Egmont H. (See Geiger, R. C., Meeker, and Arens.)
Arkin, Mabel, New York, N. Y. Dress ensemble. 123,967; Dec. 10.
Arkin, Mabel, New York, N. Y. Dress ensemble. 123,968; Dec. 10.
Armao, Mary, New York, N. Y. Dress. 123,334; Oct. 29.
Armor Bronze, Inc. (See Bristol, Byron E., assignor.)
Armour and Company. (See Post, Joseph W., assignor.)
Armstrong Cork Company. (See Ireys, Meredith S., assignor.)
Armstrong Cork Company. (See McDonald, Harry R., assignor.)
Armstrong Cork Company. (See Roberts, Earla M., assignor.)
Armstrong Cork Co. (See Scattergood, George M., assignor.)
Armstrong Cork Company. (See Smith, Mary M., assignor.)
Armstrong Cork Company. (See Smith, M. M., and Roberts, assignors.)
Arnold, Charles B., Chicago, Ill., assignor to The Greif Bros. Cooperage Corporation, Cleveland, Ohio. Portable container, for food products or the like. 122,762; Oct. 1.
Arnsbarger, Ervin B., Lakewood, Ohio. Combination fireman's ax and wrecking tool. 120,609; May 21.
Arone, Ralph, Minneapolis, Minn. Croquette mold. 124,055; Dec. 17.
Aronoff, Shirley, New York, N. Y. Dress ensemble. 118,587; Jan. 16.
Aronoff, Shirley, New York, N. Y. Dress ensemble. 119,799; Apr. 2.
Aronoff, Shirley, New York, N. Y. Dress. 120,038; Apr. 16.
Aronson, Irving, New York, N. Y. Dress. 123,219; Oct. 22.
Arras, George, Chicago, Ill. Reflector. 118,490; Jan. 9.
Arrousez, Frank P., Los Angeles, Calif. Incandescent lighting unit. 121,061; June 18.
Arrow Manufacturing Company. (See Guttman, John, assignor.)
Arrow Manufacturing Company Incorporated. (See Weill, Milton, assignor.)
Artistic Lamp Manufacturing Company. (See Perlmutter, Henry A., assignor.)
Arvidson, Bengt. (See Heckman, J. A., and Arvidson.)
Arzt, Lawrence E. (See Roth, William S., assignor.)
Ascencio, Frank, Chicago, Ill. Iron rack. 122,676; Sept. 24.
Ascheim, Joseph J., Boston, Mass. Jodhpur. 122,454; Sept. 10.
Ash, George T., Washington, D. C. Pipe. 120,536; May 14.
Ash, James W., Windsor, Ontario, Canada. Punch board display cabinet. 121,666; July 30.
Ashton, Pearl F., assignor to E. E. Weller, Providence, R. I. Shoe ornament. 121,152; June 25.
Associated Electric Laboratories, Inc. (See Giannini, Gabriel M., assignor.)
Atkins, Allen L. (See Kinsella, Frank E., assignor.)
Atkins, E. C., and Company. (See Atkins, Keyes W., assignor.)
Atkins, E. C., & Company. (See Weaver, Frank R., assignor.)
Atkins, Keyes W., assignor to E. C. Atkins and Company, Indianapolis, Ind. Saw handle. 118,876; Feb. 6.
Atkins, Thomas R., New York, N. Y. Shoe. 123,158; Oct. 22.
Atkins, Thomas R., New York, N. Y. Shoe. 123,159; Oct. 22.
Atlanta Stove Works, Inc., The. (See White, R. H., Hodgson, Jones, and White, assignors.)
Atwood, George D., assignor to Decorated Metal Manufacturing Company, Inc., Brooklyn, N. Y. Box. 123,095; Oct. 15.
Atwood, Laurence F., Los Angeles County, Calif. Power saw. 122,913; Oct. 8.
Atwood, Laurence F., Los Angeles County, Calif. Power saw. 122,914; Oct. 8.
Auburn Automobile Company. (See Johnson, Richard C., assignor.)
Audio Devices, Inc. (See Fulton, Robert E., Jr., assignor.)
Auerbach, Beatrice F., assignor to G. Fox & Co. Inc., Hartford, Conn. Plate or similar article. 118,360; Jan. 2.
Aurex Corporation. (See Cubert, Joseph R., assignor.)
Austin, Charles D., Cincinnati, Ohio, assignor to Advertising Displays Inc., Covington, Ky. Stereoscope. 120,634; May 21.
Austin, Joseph, Hartsdale, assignor to The F. & M. Schaefer Brewing Company, Brooklyn, N. Y. Display sign. 124,424; Dec. 31.
Automatic Instrument Company. (See Andres, Lloyd J., assignor.)
Automotive Maintenance Machinery Co. (See Zimmerman, Herman W., assignor.)
Autoyre Company, The. (See Sanford, Roy S., assignor.)
Avers, Franklin H. (See Behrman, A. H., Eckhardt, and Avers.)
Avery, Park, Oakland, Calif. Massage device. 123,662; Nov. 26.
Aviation Manufacturing Corporation. (See Fontaine, Athanas P., assignor.)
Aviation Manufacturing Corporation. (See Reisner, Lewis E., assignor.)
Ayer, Harriet Hubbard, Inc. (See Leonard, Juanita H., assignor.)
Ayers, Harris W., Hollywood, Calif. Incinerator. 122,455; Sept. 10.
B–L Electric Co. (See Peters, Carl E., assignor.)
Babcock, Alfred R., Chicago, Ill. Shoe dressing applicator. 124,056; Dec. 17.
Babo, Albert G. (See Cruze, C., and Babo.)
Babs Creations, Inc. (See Ogden, Bertha H., assignor.)
Bach, Alfons, New York, N. Y. Cabinet or similar article. 120,370; May 7.
Bach, Alfons, New York, N. Y. Table or similar article. 121,062; June 18.
Bach, Rita, New York, N. Y. Combination wallet and cosmetic container. 118,491; Jan. 9.
Bach, Sylvia, New York, N. Y. Dress ensemble. 122,153; Aug. 27.
Bach, Sylvia, New York, N. Y. Dress. 122,154; Aug. 27.
Bach, Sylvia, New York, N. Y. Dress. 122,508; Sept. 10.
Bach, Sylvia, New York, N. Y. Dress. 122,858; Oct. 1.
Back, Robert, Chicago, Ill., assignor to Eversharp, Inc. Receptacle for fountain pen or the like. 121,383; July 9.
Backus, Marcia, New York, N. Y. Dress ensemble. 119,220; Feb. 27.
Backus, Marcia, New York, N. Y. Dress ensemble. 119,419; Mar. 12.
Backus, Marcia, New York, N. Y. Dress ensemble. 119,537; Mar. 19.
Backus, Marcia, New York, N. Y. Dress ensemble. 119,910; Apr. 9.
Backus, Marcia, New York, N. Y. Dress ensemble. 120,293; Apr. 30.
Backus, Marcia, New York, N. Y. Dress. 120,294; Apr. 30.
Backus, Marcia, New York, N. Y. Dress ensemble. 124,168; Dec. 24.
Baechli, George, assignor to Joy Manufacturing Company, Franklin, Pa. Mine shuttle car. 118,612; Jan. 23.
Baer, August, New York, N. Y. Transparent cigar container. 122,041; Aug. 20.
Baer, Herbert J. (See Thomas Charles D., assignor.)
Baer, Lawrence E., Attleboro, Mass., assignor to Swank Products, Inc. Combined tie clip and pencil. 124,227; Dec. 24.
Bagedonow, Max, New York, N. Y. Coat. 118,991; Feb. 13.
Bagedonow, Max, New York, N. Y. Coat. 119,874; Apr. 9.
Bagshaw, Thomas F., San Francisco, Calif. Sachet basket. 118,636; Jan. 23.
Bahr, Gustave F., assignor to Casco Products Corporation, Bridgeport, Conn. Horn ring button. 120,210; Apr. 30.
Bahr, Gustave F., assignor to Casco Products Corporation, Bridgeport, Conn. Grille guard. 120,521; May 14.
Bahr, Gustave F., assignor to Casco Products Corporation, Bridgeport, Conn. Lamp. 121,503; July 16.
Bailey, Stanley J., Snyder, and R. S. Estey, assignors to Spencer Lens Company, Buffalo, N. Y. Colorimeter. 120,877; June 4.
Bailey-Walker China Co., The. (See Bar, Otto, assignor.)
Bain, Rufus G., Sulphur, Okla. Reminder chart. 121,153; June 25.
Baird, Ralph F., Cincinnati, assignor to The Globe-Wernicke Company, Norwood, Ohio. Stacking unit or the like. 122,109; Aug. 27.
Baird, William M., Chicago, Ill. Combined display and dispensing cabinet, for frozen food or the like. 119,151; Feb. 27.

Baird, William M., Chicago, Ill. Combined display and dispensing cabinet for frozen food or the like. 120,476; May 14.
Baker, Clarence H., Indianapolis, Ind., assignor to Oxweld Acetylene Company. Combined carbide hopper and feed control unit for an acetylene generator. 120,477; May 14.
Baker, David B., Riverside, W. C. Rosenthal, Chicago, Ill., and T. H. Koeber, Fort Wayne, Ind., assignors to International Harvester Company. Tractor. 119,824; Apr. 2.
Baker, Edward J., Stockton, Calif. Set of game pieces. 121,358; July 9.
Baker Extract Company. (See Lorenzen, Arnold I., assignor.)
Baker Perkins, Inc. (See Van Doren, Harold, assignor.)
Baldanza, Nicholas T., Passaic, N. J. Goggles. 121,292; July 2.
Baldwin Company, The. (See Day, Wilbur M., assignor.)
Bales, James E., Aurora, Ill., assignor to The Showerway Company, Minneapolis, Minn. Lavatory. 119,297; Mar. 5.
Bales, James E., Aurora, Ill., assignor to The Showerway Company, Minneapolis, Minn. Lavatory unit. 119,298; Mar. 5.
Bales, James E., Aurora, Ill., assignor to The Showerway Company, Minneapolis, Minn. Lavatory. 119,299; Mar. 5.
Bales, James E., Aurora, Ill., assignor to The Showerway Company, Minneapolis, Minn. Lavatory unit. 119,300; Mar. 5.
Bales, James E., Aurora, Ill., assignor to The Showerway Company, Minneapolis, Minn. Lavatory unit. 119,301; Mar. 5.
Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Chair. 124,217; Dec. 24.
Ball Brothers Company. (See Briner, Darrell E., assignor.)
Ball, Charles F., Wauwatosa, Wis., assignor to Chain Belt Company, Milwaukee, Wis. Concrete mixer. 122,379; Sept. 10.
Balleydier, John N., Englewood, Colo. Combination desk and seat. 119,253; Mar. 5.
Ballou, B. A., & Co. (See Morehouse, Eugene, assignor.)
Balsiger, Harold E. (See Hollengreen, M. A., and Balsiger.)
Balsiger, Harold E. (See Hollengreen, M. A., Balsiger, and Boller.)
Balsiger, Harold E. (See Hollengreen, M. A., Balsiger, Boller, and Elberty.)
Balsiger, Harold E. (See Hollengreen, M. A., Balsiger, and Price.)
Balton, James, assignor to Maryland Baking Company, Inc., Baltimore, Md. Ice cream cone. 121,359; July 9.
Balton, James, assignor to Maryland Baking Company, Inc., Baltimore, Md. Ice cream cone. 121,360; July 9.
Balton, James, assignor to Maryland Baking Company, Inc., Baltimore, Md. Ice cream cone. 121,361; July 9.
Balton, James, assignor to Maryland Baking Company, Inc., Baltimore, Md. Cup dispenser. 122,110; Aug. 27.
Balton, James, assignor to Maryland Baking Company, Inc., Baltimore, Md. Ice cream cone. 122,716; Sept. 24.
Bancroft, Edward E., West Warwick, R. I. Lace. 123,795; Dec. 3.
Bancroft, Edward E., West Warwick, R. I. Lace. 123,796; Dec. 3.
Bancroft, Joseph C., White Plains, N. Y. Casement window ventilator. 121,556; July 23.
Bandell, Benjamin H., New York, N. Y. Curtain hook. 119,058; Feb. 20.
Bankoff, Ivan. (See Jossenberger, V. E., and Bankoff.)
Bar, Otto, Trenton, N. J., assignor to The Bailey-Walker China Co., Bedford, Ohio. Plate or similar article. 121,862; Aug. 13.
Bar, Otto, Trenton, N. J., assignor to The Bailey-Walker China Co., Bedford, Ohio. Plate or similar article. 121,863; Aug. 13.
Bar, Otto, Trenton, N. J., assignor to The Bailey-Walker China Co., Bedford, Ohio. Plate or similar article. 121,864; Aug. 13.
Barasch, Norman, New York, N. Y. Coat. 120,945; June 4.
Barasch, Norman, New York, N. Y. Coat. 120,946; June 4.
Barber-Colman Company. (See Page, Raymond M., assignor.)
Barbier, Harry, San Rafael, Calif. Paring knife. 119,059; Feb. 20.
Barbizon Corporation, The. (See Di Gangi, Gladys B., assignor.)
Barbour, Raleigh W., assignor to Outdoor Bulletins, Helena, Mont. Billboard. 121,629; July 23.
Barcelo, Marques & Co., S. en C. (See Munzer, Alfred, assignor.)
Barclay, McClelland, New York, N. Y. Ski suit. 122,620; Sept. 17.
Barcons, Zelma, New York, N. Y. Hat. 122,509; Sept. 10.
Bargen, William J., Waukegan, Ill. Offset pedestal for school desks. 121,630; July 23.
Bargen, William J., Waukegan, Ill. Stationery art box. 123,610; Nov. 19.
Bargen, William J., Waukegan, Ill. Lifting top book box. 124,010; Dec. 17.
Barkin, Aaron, New York, N. Y. Steam atomizer. 120,371; May 7.
Barmon Brothers Company. (See Levey, Sheldon B., assignor.)
Barnes, James F. (See Reinecke, J. O., and Barnes.)
Barnhart, A Baker. (See Loewy, R., and Barnhart.)
Barnhart, George E., Pasadena, Calif. Golf club shaft or the like. 120,332; May 7.
Barnhart, George E., Pasadena, Calif. Golf club shaft or the like. 120,333; May 7.
Barnsteiner, Alfons, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Combined top, back splasher and accessory units for ranges. 122,814; Oct. 1.
Barolo, Joseph M., Detroit, Mich. Olive oil decanter. 120,334; May 7.
Baron, Julius, Brookline, Mass. Dress. 121,652; July 23.
Barone, Palma, New York, N. Y. Dress ensemble. 123,727; Nov. 26.
Barrott, William E., Aurora, Ind. Textile fabric or similar article. 120,496; May 14.
Barry-Wehmiller Machinery Company. (See Herold, James L., assignor.)
Barry-Wehmiller Machinery Company. (See Herold, J. L., and Wehmiller, assignors.)
Bars, Jacques M., and R. C. Skulnick, New York, N. Y. Combined handle and holder for safety razors and the like. 123,072; Oct. 15.
Bartlett, C. O., & Snow Company, The. (See Smith, Benjamin A., assignor.)
Bartsch, Ernst A., assignor of one-half to A. J. Kuhn, Chicago, Ill. Stretcher for doilies, scarfs, sweaters or like articles. 121,667; July 30.
Bass, David, New York, N. Y. Dress. 119,211; Feb. 27.
Bassick Company, The. (See Herold, Walter F., assignor.)
Bastian Brothers Company. (See Wegman, Jules G., assignor.)
Bastress, Ernest K., assignor to The Toledo Porcelain Enamel Products Company, Toledo, Ohio. Food tray. 122,589; Sept. 17.
Bates, Gertrude, New York, N. Y. Dress ensemble. 124,434; Dec. 31.
Bates Shoe Company. (See Ochs, Frederick W., assignor.)
Battellini, Earnest, Landisville, N. J. Single delivery container for matches and other articles. 121,226; June 25.
Bauer, Eddie, Seattle, Wash. Jacket. 119,122; Feb. 20.
Bauer, Martin O., Bergenfield, N. J. Combination slacks and suspenders. 118,799; Jan. 30.
Bauer Type Foundry, Inc., The. (See Reiner, Imre, assignor.)
Baum, Betty, Chicago, Ill. Dress or similar article. 123,543; Nov. 12.
Baum, Betty, Chicago, Ill. Dress. 123,828; Dec. 3.
Baum, Betty, Chicago, Ill. Dress. 124,451; Dec. 31.
Baum, Betty, Chicago, Ill. Dress. 124,452; Dec. 31.
Bauman, Moe, New York, N. Y. Coat. 119,016; Feb. 13.
Bauman, Moe, New York, N. Y. Coat. 119,017; Feb. 13.
Baumer, Norbert J., assignor to A. Gross Candle Co., Inc., Baltimore, Md. Candle lamp. 118,492; Jan. 9.
Baumgarth, Rudolph, Traverse City, Mich. Cemetery memorial. 119,520; Mar. 19.
Baumker, William H., assignor to Bauroth Manufacturing Company, Toledo, Ohio. Pastry cutter. 123,564; Nov. 19.
Bauroth Manufacturing Company. (See Baumker, William H., assignor.)
Bausch & Lomb Optical Company. (See Flint, Edward F., assignor.)
Bayor, Helen, New York, N. Y. Dress. 119,468; Mar. 12.
Bayor, Helen, New York, N. Y. Dress. 123,611; Nov. 19.
Bayor, Joan, New York, N. Y. Dress ensemble. 119,693; Mar. 26.
Bay State Optical Company. (See Nerney, George E., assignor.)
Bazelon, Jacob L., Chicago, Ill. Clock. 122,763; Oct. 1.
Beach, John M., and F. C. Ruppel, Grand Rapids, Mich. Sewing machine. 119,469; Mar. 12.
Beals, Gillson W., assignor to The Miller Company, Meriden, Conn. Lighting fixture. 122,887; Oct. 8.
Beam, Durand, Inglewood, Calif. Cupola smelter. 123,378; Nov. 5.
Bear Manufacturing Company. (See Wochner, Henry, assignor.)
Beard, Norman H. (See Decker, S. M., and Beard.)
Beatty, David E. (See Uecker, R. A., Beatty, and Oertle.)
Beaver, Hartsell W., Statesville, N. C. Illuminable whatnot. 120,904; June 4.
Beaver Pipe Tools, Inc. (See Pealer, Robert B., assignor.)
Beaver Pipe Tools, Inc. (See Phillis, William A., assignor.)
Beavers, Olen C., San Antonio, Tex. Bow-tie advertising novelty. 121,607; July 23.
Bebar, Frank, Naperville, Ill. Building block. 119,606; Mar. 26.
Bechtel, William J., Akron, Ohio. Combination can opener and sealer. 122,367; Sept. 3.
Beck, August, assignor to Waite Carpet Company, Oshkosh, Wis. Rug fabric. 120,282; Apr. 30.

Beck, Leo L., Morristown, N. J., and W. R. Price, New York, assignors to Lustron Lights, Inc., New York, N. Y. Support for an inductively excited gaseous conductor tube. 118,408; Jan. 2.

Beck, William A., assignor to The Edward Katzinger Company, Chicago, Ill. Handle for kitchen utensils or similar articles. 123,829; Dec. 3.

Becker, Earl B., Elkader, Iowa. Merchandise display stock fixture or similar article. 118,361; Jan. 2.

Beckett, Reginald W., Elyria, Ohio. Air tube for oil burners or the like. 120,478; May 14.

Beckett, Thomas G., Dallas, Tex. Pump. 120,537; May 14.

Bedol, Harry A., Cleveland, Ohio. Combined register shield and filter. 122,133; Aug. 27.

Bedol, Harry A., Cleveland, Ohio. Combined register shield and filter. 122,677; Sept. 24.

Bedur, George K., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Hose coupling. 121,608; July 23.

Beech-Nut Packing Company. (See Galton, Landon C., assignor.)

Beech-Nut Packing Company. (See West, William B., assignor.)

Beecher, Eugene L., Cleveland Heights, assignor to The Gabriel Company, Cleveland, Ohio. Shock absorber. 123,687; Nov. 26.

Behlen, George D., Chicago, Ill. Portable electric sander or the like. 123,257; Oct. 29.

Behlen, George D., Chicago, Ill. Portable power driven tool unit. 124,057; Dec. 17.

Behr, Siegfried, Flushing, N. Y. Comb. 121,827; Aug. 6.

Behr, Siegfried, Flushing, N. Y. Comb. 121,828; Aug. 6.

Behr, Siegfried, Flushing, N. Y. Barrette. 122,380; Sept. 10.

Behr, Siegfried, Flushing, N. Y. End piece for ropes or the like. 122,621; Sept. 17.

Behr, Siegfried, Flushing, N. Y. Combined comb and hair ornament. 123,096; Oct. 15.

Behrman, Alfred H., L. H. Eckhardt, Baraboo, and F. H. Avers, Portage, Wis. Indicator game device. 123,046; Oct. 15.

Beidler, Herbert B., assignor to The Interstate Co., Chicago, Ill. Building. 118,551; Jan. 16.

Beike, Hans. (See Suter, Eugene F. and M. J., and Beike.)

Beilinson, Leo, New York, N. Y. Dress ensemble. 119,694; Mar. 26.

Beilinson, Leo, New York, N. Y. Dress. 120,597; May 14.

Belden, Albert G., Terre Haute, Ind. Scooter. 123,379; Nov. 5.

Belding-Heminway Co. (See Proteau, Andre, assignor.)

Belding-Heminway Co. (See Reiman, Paul.)

Bell Aircraft Corporation. (See Woods, Robert J., assignor.)

Bell, Harry D. (See Forrest, B. N., and Bell.)

Bell & Howell Company. (See Bernzott, Hugo, assignor.)

Bell & Howell Company, The. (See Knutson, Norman T., assignor.)

Bell & Howell Company, The. (See Mack, William, assignor.)

Bell & Howell Company, The. (See McNabb, Joseph H., assignor.)

Bell & Howell Company, The. (See Reinecke, Jean O., assignor.)

Bell & Howell Company, The. (See Stechbart, Bruno, assignor.)

Bell & Howell Company, The. (See Townsley, Malcolm G., assignor.)

Bell, Hubert S. (See Clay, W. J., and Bell.)

Belle Knitting Corp. (See Kaye, Sanford Z., assignor.)

Belmont Radio Corporation. (See Dunn, William L., assignor.)

Beman, Ward W. (See Johnson, C. L., and Beman.)

Bemis, Kenneth E., Oakland, Calif. Store front. 122,430; Sept. 10.

Ben-Burk, Inc. (See Berkowitz, Hyman C., assignor.)

Bender, David, New York, N. Y. Applique for coat lining or the like. 122,936; Oct. 8.

Bendel, Henri, Inc. (See Debusschere, Emile, assignor.)

Bender, Sydney E., Brooklyn, N. Y. Sample fabric display card. 119,152; Feb. 27.

Bendix Home Appliances, Inc. (See Oliver, Wallace F., assignor.)

Bendorf, Ernest, Conrad, Mont. Switch plate. 119,371; Mar. 12.

Benedict, T. N., Manufacturing Company. (See Saunders, Albert F., assignor.)

Benioff, Fred, San Francisco, Calif. Font of type. 120,774; May 28.

Benjamin, Benjamin, New York, N. Y. Shoe. 121,887; Aug. 13.

Benjamin, Harry S., Poughkeepsie, N. Y. Vending machine. 121,181; June 25.

Benjamin, Samuel P., Jr., West Haven, Conn., assignor to Cosmetics Research Corporation, New Haven, Conn. Bottle. 121,802; Aug. 6.

Bennett, Arthur J., Cambridge, Ohio. Hurricane lamp or similar article. 121,759; Aug. 6.

Bennett, George, New York, assignor to R. L. Roston, Queens County, N. Y. Applicator. 123,585; Nov. 19.

Bennett, Herbert L., Pittsfield, Mass., assignor to General Electric Company. Match folder case. 121,989; Aug. 20.

Bennett, J., Inc. (See Meyer, Louis, assignor.)

Benninghofen, Paul, et al., trustees. (See Waechter, Harry J., assignor.)

Benrus Watch Company. (See Lazrus, Benjamin, assignor.)

Bensi, Jean, Bronx, N. Y. Dress or similar article. 123,494; Nov. 12.

Benson, Bernhart A., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Mixer. 121,136; June 18.

Benson, Bernhart A., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric iron. 123,772; Dec. 3.

Berbus, Edward C., Baltimore, Md. Vase or similar article. 118,362; Jan. 2.

Berenzweig, Jerome, Chicago, Ill. Brooch or similar article. 123,710; Nov. 26.

Berg-Williams Corporation. (See Williams, Clifford A., assignor.)

Bergaud, Félicie E. A. W., Paris, France. Transparent support for a container or similar article. 121,918; Aug. 13.

Bergaud, Félicie E. A. W., Paris, France. Combined case and holder for a bottle of perfume or the like. 122,251; Sept. 3.

Bergaud, Félicie E. A. W., Paris, France. Combined case and holder for a bottle of perfume or the like. 123,495; Nov. 12.

Berge, Jenning T., Minneapolis, Minn. Sink scoop. 120,610; May 21.

Berger, Arthur M., New York, N. Y. Uniform. 119,236; Feb. 27.

Berger, Arthur M., New York, N. Y. Uniform. 119,237; Feb. 27.

Berger, Arthur M., New York, N. Y. Uniform. 119,901; Apr. 9.

Berger, Arthur M., New York, N. Y. Uniform. 119,911; Apr. 9.

Berger, Arthur M., New York, N. Y. Uniform. 122,952; Oct. 8.

Berger, George, New York, N. Y. Puffed fabric. 122,078; Aug. 20.

Berger, Harry, New York, N. Y. Pajama. 119,538; Mar. 19.

Berger, Harry, New York, N. Y. Pajama. 119,539; Mar. 19.

Berger, Julius, Irvington, N. J. Combined shawl and hood. 124,163; Dec. 17.

Berger, Max, New York, N. Y. Muff. 123,010; Oct. 8, 1940.

Berk, Harry S., Brooklyn, assignor to National Silver Company, New York, N. Y. Container for cigarettes or the like. 121,182; June 25.

Berkman, Boris, Chicago, Ill. Combined hood and jacket or similar article. 121,044; June 11.

Berkman, Meyer, Mount Vernon, assignor to The Service Boot & Legging Co., Inc., New York, N. Y. Shoe. 120,796; May 28.

Berkman, Morton, New York, N. Y. Brooch clip or similar article. 119,018; Feb. 13.

Berkman, Morton, New York, N. Y. Brooch clip or similar article. 119,019; Feb. 13.

Berkman, Morton, New York, N. Y. Brooch clip or similar article. 119,020; Feb. 13.

Berkman, Morton, New York, N. Y. Brooch clip or similar article. 119,021; Feb. 13.

Berkman, Morton, New York, N. Y. Brooch clip or similar article. 119,022; Feb. 13.

Berkman, Morton, New York, N. Y. Brooch clip or similar article. 119,023; Feb. 13.

Berkman, Morton, New York, N. Y. Brooch clip or similar article. 119,024; Feb. 13.

Berkman, Morton, New York, N. Y. Button or similar article. 121,803; Aug. 6.

Berkow, Samuel B., New York, N. Y. Shoe or similar article. 123,830; Dec. 3.

Berkowitz, Hyman C., assignor to Ben-Burk, Inc., Boston, Mass. Bottle. 120,538; May 14.

Berkowitz, Max, Lawrence, N. Y. Handbag. 118,992; Feb. 13.

Berkshire Upholstered Furniture Co. (See Popkin, Jacob, assignor.)

Berkson, Morris, Chicago, Ill. Dress. 123,721; Nov. 26.

Berland, Jacob B., St. Louis, Mo. Sandal. 118,719; Jan. 30.

Berlinger, Joseph, Co. (See Ullman, Furth, assignor.)

Berlinger, Joseph F., New York, N. Y. Textile fabric. 119,778; Apr. 2.

Berman, Harry, New York, N. Y. Evening gown. 118,993; Feb. 13.

Berman, Harry, New York, N. Y. Evening gown. 119,715; Mar. 26.

Berman, Harry, New York, N. Y. Evening gown. 119,720; Mar. 26.

Berman, Harry, New York, N. Y. Evening gown. 120,561; May 14.

Berman, Harry, New York, N. Y. Evening gown. 120,562; May 14.

Berman, Harry, Brooklyn, N. Y. Dress. 122,177; Aug. 27.

Berman, Harry, Brooklyn, N. Y. Dress. 122,178; Aug. 27.

Berman, Harry, Brooklyn, N. Y. Dress ensemble. 122,991; Oct. 8.

Berman, Harry, Brooklyn, N. Y. Dress ensemble. 122,992; Oct. 8.

Berman, Harry, Brooklyn, N. Y. Dress. 123,011; Oct. 8.
Berman, Harry, Brooklyn, N. Y. Dress. 123,023; Oct. 8.
Berman, Harry, Brooklyn, N. Y. Dress ensemble. 123,024; Oct. 8.
Berman, Harry, Brooklyn, N. Y. Dress. 123,773; Dec. 3.
Berman, Harry, Brooklyn, N. Y. Dress. 123,774; Dec. 3.
Berman, Harry, Brooklyn, N. Y. Dress. 123,797; Dec. 3.
Berman, Harry, Brooklyn, N. Y. Dress. 123,798; Dec. 3.
Berman, Israel, New York, N. Y. Shoe or similar article. 118,493; Jan. 9.
Berman, Israel, New York, N. Y. Slipper. 123,105; Oct. 15.
Bernhardt, Rudolph, Chicago, Ill. Container server top or similar article. 121,154; June 25.
Bernhardt, Rudolph, Chicago, Ill. Combined culinary beater and mixer, or similar article. 122,155; Aug. 27.
Bernhardt, Rudolph, Chicago, Ill. Sprayer or similar article. 124,058; Dec. 17.
Bernheimer, Gustave A., New York, N. Y. Pipe rack. 121,433; July 9.
Bernikow, David, Brooklyn, N. Y. Soap dish. 120,982; June 11.
Bernstein, Allan E., Woodmere, assignor to S. Stein & Co., New York, N. Y. Textile fabric or similar article. 123,282; Oct. 29.
Bernstein, Allan E., Woodmere, assignor to S. Stein & Co., New York, N. Y. Textile fabric or similar article. 123,283; Oct. 29.
Bernstein, Allan E., Woodmere, assignor to S. Stein & Co., New York, N. Y. Textile fabric or similar article. 123,284; Oct. 29.
Bernstein, Allan E., Woodmere, assignor to S. Stein & Co., New York, N. Y. Textile fabric or similar article. 123,285; Oct. 29.
Bernstein, Allan E., Woodmere, assignor to S. Stein & Co., New York, N. Y. Textile fabric or similar article. 123,286; Oct. 29.
Bernstein, Allan E., Woodmere, assignor to S. Stein & Co., New York, N. Y. Textile fabric or similar article. 123,287; Oct. 29.
Bernstein, Allan E., Woodmere, assignor to S. Stein & Co., New York, N. Y. Textile fabric or similar article. 123,288; Oct. 29.
Bernstein, Irving A., New York, N. Y. Shoe or similar article. 119,324; Mar. 5.
Bernzott, Hugo, assignor to The Bell & Howell Company, Chicago, Ill. Picture viewer case. 119,648; Mar. 26.
Berry, Ethel Y., South Pasadena, Calif. Finger-grip comb. 118,810; Feb. 6.
Berry, Helen, New York, N. Y. Dress. 121,972; Aug. 13.
Bescherer, Palmer, assignor to York Safe and Lock Company, York, Pa. Safe or similar article. 120,335; May 7.
Bescherer, Palmer, assignor to York Safe and Lock Company, York, Pa. Safe or similar article. 120,336; May 7.
Bescherer, Palmer, assignor to York Safe and Lock Company, York, Pa. Safe or similar article. 120,337; May 7.
Besler Systems. (See Knauss, Edward, assignor.)
Bessling, Edward N., Washington, D. C. Deck of playing cards. 119,584; Mar. 26.
Best & Co. (See Selverstone, Agnes S., assignor.)
Betz, Frank L., Los Angeles, Calif. Vase or similar article. 118,363; Jan. 2.
Bibula, Jacob L., New York, N. Y. Belt buckle. 118,926; Feb. 13.
Bieber, Samuel, New York, N. Y. Dress. 122,859; Oct. 1.
Bienen-Davis, Inc. (See Bienen, Herbert H., assignor.)
Bienen, Herbert, New York, N. Y. Handbag. 122,915; Oct. 8.
Bienen, Herbert H., assignor to Bienen-Davis, Inc., New York, N. Y. Handbag. 122,731; Sept. 24.
Bienenfeld, Morris, New York, N. Y. Brassière or similar article. 120,308; Apr. 30.
Bifano, Michael. (See Johnston, G., and Bifano.)
Bigelow-Sanford Carpet Co. Inc. (See Boland, Francis X., assignor.)
Bigelow-Sanford Carpet Co. Inc. (See Murphy, Francis, assignor.)
Bigelow-Sanford Carpet Co. Inc. (See Sauer, Harold R., assignor.)
Bigelow-Sanford Carpet Co. Inc. (See Smidlein, Anthony E., assignor.)
Biggs, Orrick H., Beverly, and C. F. MacCarthy, assignors to Hygrade Sylvania Corporation, Salem, Mass. Fluorescent lamp fixture. 120,563; May 14.
Biller, David J., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Fluorescent lighting fixture. 122,156; Aug. 27.
Biller, David J., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Fluorescent lighting fixture. 122,582; Sept. 17.
Binks Manufacturing Company. (See Tammen, Glenn W., assignor.)
Binks, Melvin J., River Forest, assignor to J. H. Keeney & Co., Inc., Chicago, Ill. Skill testing game device. 120,659; May 21.
Binks, Melvin J., River Forest, assignor to J. H. Keeney & Co., Inc., Chicago, Ill. Wall box. 121,362; July 9.
Bird & Son, Inc. (See Chevers, Melvin V., assignor.)
Bird, William C., assignor to Pro-phy-lac-tic Brush Company, Northampton, Mass. Hair brush. 121,946; Aug. 13.

Birnbaum, Morris, New York, N. Y. Dress. 120,279; Apr. 30.
Birnbaum, Morris, New York, N. Y. Dress. 120,598; May 14.
Birnbaum, Morris, New York, N. Y. Dress. 120,599; May 14.
Birnbaum, Morris, New York, N. Y. Dress. 120,699; May 21.
Birnbaum, Morris, New York, N. Y. Dress. 120,700; May 21.
Birnbaum, Morris, New York, N. Y. Dress. 120,822; May 28.
Birnbaum, Morris, New York, N. Y. Dress. 120,823; May 28.
Birnbaum, Morris, New York, N. Y. Dress. 120,947; June 4.
Birnbaum, Sol, New York, N. Y. Jewelry component. 120,683; May 21.
Birnbaum, Sol, New York, N. Y. Cap member for a detachable fastener or the like. 120,723; May 28.
Bishop, Welles L., Meriden, Conn. Bird feeding rack. 120,852; June 4.
Bissell Carpet Sweeper Company. (See Williams, Findley, assignor.)
Bittar, Eva S., Biloxi, Miss. Game board. 123,852; Dec. 10.
Bitter, Aaron, Long Island City, N. Y. Combination disk record display and sales counter. 120,905; June 4.
Biva, Lucien, Long Island City, N. Y., assignor to W. E. Roschen, Spring Lake, N. J., A. A. Levy, New York, N. Y., and J. Hastedt, Teaneck, N. J., coexecutors of estate of Otto Timme, deceased, doing business under name and style of E. F. Timme & Son, New York, N. Y. Rug. 119,110; Feb. 20.
Biva, Lucien, Long Island City, assignor to W. E. Roschen, A. A. Levy, and J. Hastedt, New York, N. Y. Rug. 121,973; Aug. 13.
Biva, Lucien, Long Island City, assignor to W. E. Roschen, A. A. Levy, and J. Hastedt, New York, N. Y. Rug. 121,974; Aug. 13.
Biva, Lucien, Long Island City, assignor to W. E. Roschen, A. A. Levy, and J. Hastedt, as co-executors of the estate of O. Timme, deceased, doing business as E. F. Timme & Son, New York, N. Y. Rug. 122,678; Sept. 24.
Bixer, Edmond P., New York, N. Y. Textile fabric or similar article. 118,690; Jan. 23.
Bixer, Edmond P., New York, N. Y. Netted textile fabric or similar article. 119,976; Apr. 16.
Bixer, Edmond P., New York, N. Y. Textile fabric or similar article. 121,267; July 2.
Bixer, Edmond P., New York, N. Y. Textile fabric or similar article. 121,268; July 2.
Bixer, Edmond P., New York, N. Y. Textile fabric or similar article. 121,269; July 2.
Bixer, Edmond P., New York, N. Y. Textile fabric or similar article. 121,031; June 11.
Bixer, Edmond P., New York, N. Y. Textile fabric or similar article. 121,032; June 11.
Bixer, Edmond P., New York, N. Y. Textile fabric or similar article. 121,033; June 11.
Bixer, Edmond P., New York, N. Y. Textile fabric or similar article. 121,034; June 11.
Bixer, Edmond P., New York, N. Y. Textile fabric or similar article. 121,035; June 11.
Bixer, Edmond P., New York, N. Y. Textile fabric or similar article. 122,622; Sept. 17.
Bixer, Edmond P., New York, N. Y. Textile fabric or similar article. 122,623; Sept. 17.
Bixer, Edmond P., New York, N. Y. Textile fabric or similar article. 122,657; Sept. 24.
Black and Decker Manufacturing Company, The. (See Middleman, David, assignor.)
Black, Julia, New York, N. Y. Textile fabric. 119,485; Mar. 19.
Black, Julia, New York, N. Y. Textile fabric. 120,253; Apr. 30.
Blackburn, Jasper, Webster Groves, Mo. Electrical wire connector. 118,588; Jan. 16.
Blackhawk Mfg. Co. (See Pfauser, Edward M., assignor.)
Blackstone Manufacturing Company. (See Conterman, Fred A., assignor.)
Blanc, Marinette, New York, N. Y. Hat. 119,540; Mar. 19.
Blanco, Lidio F., Hillsdale, N. J., and J. M. De Aragon, New York, N. Y. Playing card. 123,380; Nov. 5.
Blazek, John Y., assignor to Lempco Products, Inc., Bedford, Ohio. Combined frame and support for grinding machines or the like. 122,624; Sept. 17.
Blazek, John Y., Bedford, and V. R. Roy, Cleveland, assignors to Lempsco Products, Inc., Bedford, Ohio. Splash guard for brake drum lathe or the like. 121,504; July 16.
Blazey, Lawrence, Cleveland, Ohio., assignor to Hussmann-Ligonier Company, St. Louis, Mo. Refrigerated display case. 121,782; Aug. 6.
Blazey, Lawrence A., Cleveland, Ohio, assignor to B. F. W. Heyer, Tenafly, N. J. Meter face. 118,613; Jan. 23.
Blazey, Lawrence A., Cleveland, Ohio, assignor to Benjamin F. W. Heyer, Tenafly, N. J. Battery charger and tester. 120,522; May 14.
Blazey, Lawrence A., Cleveland, Ohio, assignor to Benjamin F. W. Heyer, Tenafly, N. J. Battery tester. 120,523; May 14.

Blazey, Lawrence A., Cleveland, Ohio, assignor to Benjamin F. W. Heyer, Tenafly, N. J. Battery tester. 120,524; May 14.
Blechman, Irving, Bronx, N. Y. Paperboard. 122,353; Sept. 3.
Blinks Manufacturing Company. (See Tammen, Glenn W., assignor.)
Bliss, E. W., Company. (See Rode, F. J., and Hatch, assignors.)
Block, Richard G., Los Angeles, Calif. Flower container. 120,983; June 11.
Block, Walter W., Kenosha, Wis. Curtain stretcher. 123,199; Oct. 22.
Block, William O., Detroit, Mich. Radiator grille for a truck. 121,942; Aug. 13.
Blodgett Art Novelties, Inc. (See Blodgett, Marion, assignor.)
Blodgett, Marion, assignor to Blodgett Art Novelties, Inc., New York, N. Y. Thermometer support or similar article. 120,102; Apr. 23.
Blomgren, Helge G., Rockford, Ill. Combined wall bracket and mirror. 122,679; Sept. 24.
Bloom, Philip S., Co. (See Katz, Seymour, assignor.)
Bloom, Samuel, Boston, Mass. Dress. 119,902; Apr. 9.
Bloom, Sarah, New York, N. Y. Washboard. 122,834; Oct. 1.
Blow, George W., assignor to General Time Instruments Corporation, New York, N. Y. Watch. 122,111; Aug. 27.
Blumbaum, Hyman, Brooklyn, N. Y. Textile fabric. 120,660; May 21.
Boardman, Richard, Swansea, Mass. Textile fabric. 121,713; July 30.
Boe, Carsten F., Wilmington, Del. Apparatus for spraying atomized liquids. 120,797; May 28.
Boepple, Hans, Valley Cottage, N. Y. Sweater or similar article. 120,416; May 7.
Boepple, Hans, Valley Cottage, N. Y. Knitted blouse or similar article. 120,417; May 7.
Boes, Walter W., Dayton, Ohio. Film winder. 121,888; Aug. 13.
Boes, Walter W., Dayton, Ohio. Film winder. 121,889; Aug. 13.
Bohn, Walter J., assignor to The Acme Specialty Manufacturing Company, Toledo, Ohio. Toilet mirror. 124,126; Dec. 17.
Boileau, Arthur H., Cedar Rapids, Iowa, assignor to Cherry-Burrell Corporation, Wilmington, Del. Liquid pasteurizer. 123,469; Nov. 12.
Boisselier, Blanche F. (See Boisselier, Earl D., assignor.)
Boisselier, Earl D., assignor to B. F. Boisselier, Glen Ellyn, Ill. Electric wire burning set. 121,316; July 2.
Bojesen, Kay, Copenhagen, Denmark, assignor to Frederik Lunning, Inc., New York, N. Y. Wooden toy train. 118,364; Jan. 2.
Bojesen, Kay, Copenhagen, Denmark, assignor to Frederick Lunning, Inc., New York, N. Y. Drawing desk. 121,622; July 23.
Boland, Francis X., assignor to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. Floor covering or the like. 121,465; July 16.
Boland, John R., Los Angeles, Calif. Cribbage board. 123,799; Dec. 3.
Bollak, Andrew, New York, N. Y. Toy. 120,479; May 14.
Boller, John A. (See Hollengreen, M. A., Balsiger, and Boller.)
Boller, John A. (See Hollengreen, M. A., Balsiger, Boller, and Elberty.)
Bolling, Stewart, Cleveland, Ohio. Press frame. 120,235; Apr. 30.
Bolling, Stewart, Cleveland, Ohio. Press frame. 122,252; Sept. 3.
Bolser, Clark M., Cedar Falls, Iowa. Fusee dispenser. 119,033; Feb. 20.
Bolton, Grant E., Cleveland, Ohio. Illuminated table vase. 119,201; Feb. 27.
Bond, Willard H., Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair. 123,901; Dec. 10.
Bondy, Louis, Baltimore, Md. Textile fabric. 118,589; Jan. 16.
Bondy, Louis, Baltimore, Md. Textile fabric. 118,590; Jan. 16.
Boor, Vladimir J., Scotch Plains, N. J., and A. J. Bradford, Grosse Pointe Farms, Mich. Portable combined sound and picture reproducing apparatus. 120,103; Apr. 23.
Boor, Vladimir J., Scotch Plains, N. J., and A. J. Bradford, Grosse Pointe Farms, Mich. Portable combined sound and picture reproducing apparatus. 120,497; May 14.
Booth, Earl C., Columbus, Ind. Chair. 121,760; Aug. 6.
Boothby, Walter M., A. H. Bulbulian, and W. R. Lovelace, Rochester, Minn. Nasal mask. 120,372; May 7.
Boothby, Walter M., A. H. Bulbulian, and W. R. Lovelace. Oronasal mask. 120,373; May 7.
Borchers, Earl, assignor to American Cabinet Hardware Corp., Rockford, Ill. Hinge or similar article. 121,557; July 23.
Borchers, Earl, assignor to American Cabinet Hardware Corp., Rockford, Ill. Knob or similar article. 121,558; July 23.
Borchers, Earl, assignor to American Cabinet Hardware Corp., Rockford, Ill. Hinge or similar article. 121,559; July 23.
Borchers, Earl, assignor to American Cabinet Hardware Corp., Rockford, Ill. Drawer pull or similar article. 121,560; July 23.
Borchers, Earl, assignor to American Cabinet Hardware Corp., Rockford, Ill. Knob or similar article. 121,561; July 23.
Borchers, Earl, assignor to American Cabinet Hardware Corp., Rockford, Ill. Drawer pull or similar article. 121,562; July 23.
Borchers, Earl, assignor to American Cabinet Hardware Corp., Rockford, Ill. Combined drawer pull and escutcheons. 123,853; Dec. 10.
Borchers, Earl, assignor to American Cabinet Hardware Corp., Rockford, Ill. Combined cabinet pull and escutcheon. 123,854; Dec. 10.
Borel, Stanley R., Cheshire, assignor to The Patent Button Company, Waterbury, Conn. Button. 122,764; Oct. 1.
Borg, Elmer B., Los Angeles, Calif. Waffle iron. 118,811; Feb. 6.
Borg-Warner Corporation. (See Harris, Cleo, assignor.)
Born, Julius M., assignor to Vulcan Manufacturing Co., Inc., St. Paul, Minn. Air filter cleaning unit. 119,254; Mar. 5.
Boston Wire Stitcher Company. (See Maynard, Arthur H., assignor.)
Bosworth, Lawrence P., Westport, Conn. Lapel pin. 123,073; Oct. 15.
Bosworth, Thomas E., Cranston, R. I., assignor to Universal Optical Company, Inc. Combination temple and end piece. 121,242; June 25.
Botham, Arthur R., New York, N. Y., assignor to Coty, Inc., Wilmington, Del. Combination vanity and lipstick case. 122,007; Aug. 20.
Botham, Arthur R., New York, N. Y., assignor to Coty, Inc., Wilmington, Del. Combined bottle and pedestal therefor. 124,378; Dec. 31.
Boucher, Marcel, New York, N. Y. Brooch or the like. 119,649; Mar. 26.
Boucher, Marcel, New York, N. Y. Clip or similar article. 120,027; Apr. 16.
Boucher, Marcel, New York, N. Y. Clip or similar article. 120,028; Apr. 16.
Boucher, Marcel, New York, N. Y. Pin or similar article. 120,539; May 14.
Boucher, Marcel, New York, N. Y. Pin or similar article. 120,540; May 14.
Boucher, Marcel, New York, N. Y. Pin or similar article. 120,611; May 21.
Boucher, Marcel, New York, N. Y. Pin or similar article. 120,612; May 21.
Bowder, David H., Attleboro, Mass., assignor to Swank Products, Inc. Trouser clip. 119,153; Feb. 27.
Bowder, David H., Attleboro, Mass., assignor to Swank Products, Inc. Collar holder. 124,242; Dec. 24.
Bowes, Robert M., Waterbury, Conn. Thermostatic fire alarm. 118,365; Jan. 2.
Bowes, Robert M., Waterbury, Conn. Thermostatic fire alarm. 120,156; Apr. 23.
Bowie, Robert M., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Cathode ray tube bulb or similar article. 122,613; Sept. 17.
Bowser, Percy L. (See Flammang, J., P. L. Bowser, Venner, and P. L. Bowser, Jr.)
Boyd, James K., Wilkinsburg, Pa. Ashtray. 120,541; May 14.
Boylan, Louis A., assignor to Walgreen Co., Chicago, Ill. Tablet dispenser. 122,381; Sept. 10.
Boyle, John D., Greenwich, Conn. Puzzle. 121,006; June 11.
Boyle, John D., Greenwich, Conn. Puzzle. 121,007; June 11.
Boysen, George M., Philadelphia, Pa. Lace. 118,656; Jan. 23.
Brach, E. J., & Sons. (See Waddell, Dean T., assignor.)
Bradford, Arthur J. (See Boor, V. J., and Bradford.)
Bradford, William, Taunton, Mass. Casing for electrical heating pads. 122,456; Sept. 10.
Bradley, Ralph A., Kansas City, Mo., assignor of one-third to C. W. Jackson, Minneapolis, Minn., and one-third to L. Brown, Kansas City, Mo. Game board. 122,253; Sept. 3.
Bradley, Robert I. (See Thal, Bernard, assignor.)
Bradley, William H., assignor to Horton Manufacturing Company, Fort Wayne, Ind. Ironing machine. 124,267; Dec. 24.
Brainard, George C., assignor to The General Fireproofing Company, Youngstown, Ohio. Chair. 122,226; Aug. 27.
Brainard, George C., assignor to The General Fireproofing Company, Youngstown, Ohio. Chair base. 123,496; Nov. 12.
Brainard, George C., assignor to The General Fireproofing Company, Youngstown, Ohio. Chair. 123,565; Nov. 19.
Brainard, George C., assignor to The General Fireproofing Company, Youngstown, Ohio. Chair. 123,831; Dec. 3.
Brand, Albert S., Boston, Mass., assignor to The Carter's Ink Company, Cambridge, Mass. Inkwell base support. 122,888; Oct. 8.

Brand, Albert S., Boston, Mass., assignor to The Carter's Ink Company, Cambridge, Mass. Inkwell base support. 122,889; Oct. 8.
Brand, Horace L., Chicago, Ill. Back bar. 123,470; Nov. 12.
Brandes, Arthur, Arcadia, R. A. Quirk, Los Angeles, and R. J. Burke, Beverly Hills, Calif. Combined can carrier and display rack. 120,374; May 7.
Brandon, Joseph I., Los Angeles, Calif. Work holding device for holding carburetors, distributors, fuel pumps, and the like. 123,097; Oct. 15.
Brandrup, Clifford, Webster City, Iowa. Airplane. 123,427; Nov. 5.
Brandt, Albert. (See Brandt, Herbert A., and M.)
Brandt, Herbert A., and M., Philadelphia, Pa. Cross. 119,993; Apr. 16.
Brandt, Martin. (See Brandt, Herbert, A., and M.)
Brann, Esther, New York, N. Y. Savings bank. 120,635; May 21.
Brannon, Herbert E., Detroit, Mich. Electric broiler or the like. 119,607; Mar. 26.
Brasted, Robert P., London, England. Piano case. 118,812; Feb. 6.
Braun, Arthur C., Maplewood, N. J. Combination tie clasp and pen knife or similar article. 123,855; Dec. 10.
Braun, Gustav F., Elizabeth, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Dictating machine cabinet. 121,583; July 23.
Braun, Walter, assignor to Cobblers, Inc., Los Angeles, Calif. Shoe or similar article. 123,800; Dec. 3.
Braverman, Lew E., New York, N. Y. Knitted fabric. 120,165; Apr. 23.
Brecher, Irving, Brooklyn, N. Y. Textile fabric. 120,775; May 28.
Breer, Edna, New York, N. Y. Dress. 119,420; Mar. 12.
Breer, Edna, New York, N. Y. Dress. 119,541; Mar. 19.
Breer, Edna, New York, N. Y. Dress. 119,912; Apr. 9.
Breer, Edna, New York, N. Y. Dress ensemble. 120,701; May 21.
Breer, Edna, New York, N. Y. Dress. 122,048; Aug. 20.
Breer, Edna, New York, N. Y. Dress. 122,049; Aug. 20.
Breer, Edna, New York, N. Y. Dress. 122,050; Aug. 20.
Breer, Edna, New York, N. Y. Dress. 122,227; Aug. 27.
Breer, Edna, New York, N. Y. Dress. 122,529; Sept. 10.
Breer, Edna, New York, N. Y. Dress. 122,530; Sept. 10.
Breer, Edna, New York, N. Y. Dress. 122,835; Oct. 1.
Breer, Edna, New York, N. Y. Dress or similar article. 123,711; Nov. 26.
Breer, Edna, New York, N. Y. Dress ensemble. 123,712; Nov. 26.
Breer, Edna, New York, N. Y. Dress. 123,991; Dec. 10.
Breer, Edna, New York, N. Y. Dress ensemble or similar article. 124,169; Dec. 24.
Breier, Benjamin, assignor to Adirondack Sportswear, Inc., Amsterdam, N. Y. Sports jacket. 120,636; May 21.
Brennan, William T., Dunmore, and W. P. Kennedy, Scranton, assignors to Scranton Electric Toothbrush Corporation, Scranton, Pa. Rotary toothbrush extension. 122,382; Sept. 10.
Brenner, Joseph, New York, N. Y. Dress. 120,039; Apr. 16.
Breslauer, Margaret K., New York, N. Y. Blouse. 118,896; Feb. 6.
Bressler, Albert M., New York, N. Y. Hat or similar article. 121,538; July 16.
Bressler, Albert M., New York, N. Y. Sunglasses or similar article. 121,563; July 23.
Bressler, Max, Chicago, Ill. Camera. 122,008; Aug. 20.
Bressler, Max, Chicago, Ill. Tobacco pipe. 122,042; Aug. 20.
Breuss, Walter F., Leonia, N. J. Lace collar or similar article. 118,800; Jan. 30.
Breuss, Walter F., Leonia, N. J. Lace collar or similar article. 118,801; Jan. 30.
Breuss, Walter F., Leonia, N. J. Lace collar or similar article. 118,802; Jan. 30.
Breuss, Walter F., Leonia, N. J. Lace collar or similar article. 122,510; Sept. 10.
Breuss, Walter F., Leonia, N. J. Lace collar or similar article. 122,511; Sept. 10.
Breuss, Walter F., Leonia, N. J. Lace collar or similar article. 122,512; Sept. 10.
Breuss, Walter F., Leonia, N. J. Lace collar or similar article. 124,136; Dec. 17.
Breuss, Walter F., Leonia, N. J. Lace collar or similar article. 124,137; Dec. 17.
Breuss, Walter F., Leonia, N. J. Embroidered textile fabric or similar article. 124,243; Dec. 24.
Breuss, Walter F., Leonia, N. J. Lace collar or similar article. 124,425; Dec. 31.
Breuss, Walter F., Leonia, N. J. Lace collar or similar article. 124,435; Dec. 31.
Breuss, Walter F., Leonia, N. J. Lace collar or similar article. 124,436; Dec. 31.
Breuss, Walter F., Leonia, N. J. Lace collar or similar article. 124,437; Dec. 31.
Breuss, Walter F., Leonia, N. J. Lace collar or similar article. 124,438; Dec. 31.
Breuss, Walter F., Leonia, N. J. Lace collar or similar article. 124,439; Dec. 31.
Brewer-Titchener Corporation, The. (See Main, Amos L., assignor.)
Briarwood Corporation. (See Rothman, Charles, assignor.)
Brickley, Samuel C., Arnold, assignor to Kensington, Incorporated, New Kensington, Pa. Candle holder or similar article. 118,552; Jan. 16.
Brilhart, Arnold. (See Schwartz, Edward, assignor.)
Brin, Moses A., Chicago, Ill. Bread tube for receiving a sausage or the like. 118,614; Jan. 23.
Briner, Darrell E., Winchester, assignor to Ball Brothers Company, Muncie, Ind. Whiskey flask. 119,202; Feb. 27.
Brinnon, Max D. (See Brinnon, Richard B., and M. D.)
Brinnon, Richard B., and M. D. Brinnon, Wichita, Kans. Tobacco pouch. 122,179; Aug. 27.
Bristol, George W., New York, N. Y. Label blank. 123,663; Nov. 26.
Bristol, Byron E., Roxborough, assignor to Armor Bronze, Inc., Taunton, Mass. Book end or similar article. 119,608; Mar. 26.
British War Relief Society, Inc., The, et al. (See Appleby, Robert R., assignor.)
Brod, Melvin D., New York, N. Y. Combined chenille jacket and hood. 121,036; June 11.
Brod, Melvin D., New York, N. Y. Chenille slacks. 121,111; June 18.
Broderson, Neil O., assignor to Rochester Button Company, Rochester, N. Y. Button. 120,211; Apr. 30.
Brodie, Samuel R., Bronx, N. Y. Textile fabric. 124,289; Dec. 24.
Brodsky, Samuel, Brooklyn, N. Y. Combined memorandum pad, pencil, and receptacle therefor. 120,724; May 28.
Brody, Benjamin R., New York, N. Y., assignor to Harry Rosenfeld, Inc. Lady's handbag or similar article. 120,853; June 4.
Brody, Benjamin R., New York, N. Y., assignor to Harry Rosenfeld, Inc. Lady's shoulder handbag or similar article. 120,854; June 4.
Brody, Benjamin R., New York, N. Y., assignor to Harry Rosenfeld, Inc. Handbag. 122,632; Sept. 17.
Broemmelsiek, Edgar W., Ladue Village, Mo. Combination box and tray for holding suppositories or the like. 121,947; Aug. 13.
Broffman, Abraham, Brooklyn, N. Y. Combined letter opener and telephone dialer. 120,969; June 11.
Brooks, Alexander M., New York, N. Y. Textile fabric. 122,633; Sept. 17.
Brooks, Frances A., New York, N. Y. Textile fabric. 124,282; Dec. 24.
Brooks, Frances A., New York, N. Y. Textile fabric. 124,353; Dec. 31.
Brooks, Herman L., New York, N. Y., assignor to Coty, Inc., Wilmington, Del. Jug. 121,948; Aug. 13.
Brooks, Robert M., Long Island City, N. Y., assignor to Antiseptol Company, Inc., Chicago, Ill. Combined service tray and containers for hair and scalp treatment or the like. 123,047; Oct. 15.
Brossman, Walter W. (See Guild, L., and Brossman.)
Broughton, Douglas J., assignor to Buxton, Incorporated, Springfield, Mass. Flexible pocket receptacle. 123,183; Oct. 22.
Brouillard, Lucien G., Minneapolis, Minn. Folding seat. 123,381; Nov. 5.
Brown, Alice V., Philadelphia, Pa. Food platter or the like. 119,736; Apr. 2.
Brown & Bigelow. (See Trollen, Martin E., assignor.)
Brown Company. (See Houghton, Harry E., assignor.)
Brown, H. Brainard, assignor to Taylor Instrument Companies, Rochester, N. Y. Indicating instrument. 123,471; Nov. 12.
Brown Instrument Company, The. (See Dreyfuss, Henry, assignor.)
Brown, Louis, et al. (See Bradley, Ralph A., assignor.)
Brown, Milton E., New York, N. Y. Brooch or similar article. 122,333; Sept. 3.
Brown, Percy M., New York, N. Y. Spray head or similar article. 121,293; July 2.
Brown, Sam, Chicago, Ill. Dress. 123,652; Nov. 19.
Brown, Samuel J., Chicago, Ill. Dress. 122,228; Aug. 27.
Brown, Samuel J., Chicago, Ill. Dress. 122,229; Aug. 27.
Brown and Sharpe Manufacturing Company. (See Kerr, Roger B., assignor.)
Brown, Simon P., New York, N. Y. Display rack for piece goods bolts. 118,442; Jan. 9.
Brown, Simon P., New York, N. Y. Display rack for piece goods bolts. 119,154; Feb. 27.
Brownscombe, Philip J., East Orange, N. J., and C. Kertesz, Long Island City, assignors to Universal Camera Corporation, New York, N. Y. Photographic exposure meter or similar article. 121,155; June 25.
Brucato, Marie, New York, N. Y. Dress ensemble. 122,847; Oct. 1.
Brucato, Marie, New York, N. Y. Dress ensemble. 122,860; Oct. 1, 1940.
Bruce, Leo I., Framingham, Mass., assignor to General Electric Company. Clock case. 119,372; Mar. 12.
Bruce, Leo I., Framingham, Mass., assignor to Warren Telechron Company. Clock case. 122,307; Sept. 3.
Bruce, Leo I., Framingham, Mass., assignor to General Electric Company. Clock case. 122,308; Sept. 3.

Bruce, Leo I., Framingham, Mass., assignor to Warren Telechron Company. Clock case. 122,309; Sept. 3.
Bruderick, George W., Detroit, Mich. Automobile signal lamp. 121,063; June 18.
Brunetti, Joseph, Carlstadt, N. J. Goggle. 118,732; Jan. 30.
Brunhoff Manufacturing Company, The. (See Alsfelder, Perry F., assignor.)
Bruning, Charles, Company. (See Misuraca, Louis J., assignor.)
Bruns, Richard E., Wilmette, Ill. Fly trap. 123,497; Nov. 12.
Brunswick-Balke-Collender Company, The. (See Perrin, Paul C., assignor.)
Brunswick-Balke-Collender Company, The. (See Henkel, A. L., and Ewing, assignors.)
Brunswick-Balke-Collender Company, The. (See Shangle, Clarence W., assignor.)
Brush Development Company, The. (See Williams, Alfred L. W., assignor.)
Bry, Edwin, Elberon, N. J., assignor to Edwin & Louis Bry, Inc., New York, N. Y. Textile fabric. 121,064; June 18.
Bry, Edwin, Elberon, N. J., assignor to Edwin & Louis Bry, Inc., New York, N. Y. Two-loop boucle yarn. 121,459; July 9.
Bry, Edwin, Elberon, N. J., assignor to Edwin & Louis Bry, Inc., New York, N. Y. Textile fabric. 121,668; July 30.
Bry, Edwin & Louis, Inc. (See Bry, Edwin, assignor.)
Bry, Louis, New York, N. Y. Textile fabric. 118,536; Jan. 9.
Bryant, Thomas H., Sr., assignor to Frankfort Distilleries, Incorporated, Louisville, Ky. Knife. 121,363; July 9.
Bryce Brothers Company. (See Morrison, William P., assignor.)
Buchanan, Thomas H., Steubenville, Ohio. Wringer finger guard. 122,732; Sept. 24.
Buck, Frederick W., Washington, D. C. Playing card. 120,830; May 28.
Buckingham, John D., assignor to Lucien Lelong, Inc., Chicago, Ill. Perfume bottle display unit or similar articles. 123,428; Nov. 5.
Buckley, Raymond F., East Cleveland, Ohio, assignor to The Mercury Electric Company, Cleveland, Ohio. Scalp massaging device. 122,254; Sept. 3.
Budd, Edward G., Mfg. Co. (See Cret, Paul P., assignor.)
Budd, Edward G., Manufacturing Co. (See Mungen, Theodore, assignor.)
Budd Wheel Company. (See Davenport, Talmon A., assignor.)
Budlong, Robert D., Chicago, Ill., assignor to United Autographic Register Co. Autographic register casing. 121,669; July 30.
Buegeleisen, Joseph, Detroit, Mich. Pocketed belt. 121,443; July 9.
Buegeleisen, Joseph, Detroit, Mich. Saddle bag for motorcycles or the like. 122,733; Sept. 24.
Buffalo Foundry & Machine Co. (See Kermer, Martin J., assignor.)
Buffum, Russell C., assignor to Graef & Schmidt, Inc., New York, N. Y. Combined finger nail file and powder scoop. 120,525; May 14.
Bulbulian, Arthur H. (See Boothby, W. M., Bulbulian, and Lovelace.)
Bundles for Britain, et al. (See Appleby, Robert R., assignor.)
Burke, Ralph J. (See Brandes, A., Quirk, and Burke.)
Burkitt, Blanche B., Alhambra, Calif. Mechanical figure. 122,916; Oct. 8.
Burmeister, Frederick H. (See Dow, D. M., Burmeister, and Lindberg.)
Burns, Esther L., Colorado Springs, Colo. Toe cap for skates. 123,258; Oct. 29.
Burns, Frederick M., New York, N. Y. Dress. 124,485; Dec. 31.
Burnside, Lewis N., Philadelphia, Pa., assignor to The Delaware, Lackawanna & Western Coal Company, New York, N. Y. Hot water heater. 120,104; Apr. 23.
Burt, Allen, Brownsville, Tex. Footstool. 122,479; Sept. 10.
Bushwick, Anna, New York, N. Y. Hat. 124,138; Dec. 17.
Butler Manufacturing Company. (See Gabler, Raymond J., assignor.)
Button Corporation of America. (See Newman, Harry, assignor.)
Button, George W., Corporation. (See Sierad, Albert E., assignor.)
Butts, Dannie J., Alhambra, Calif. Squaring device for knock-down clothes drying frames. 121,364; July 9.
Buxton, Incorporated. (See Broughton, Douglas J., assignor.)
Buxton, Frederic J. (See Parsons, Frederick E., assignor.)
Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 118,409; Jan. 2.
Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 119,928; Apr. 16.
Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 120,855; June 4.
Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 120,856; June 4.
Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 124,354; Dec. 31.
Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 124,355; Dec. 31.
Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 124,379; Dec. 31.
Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 124,380; Dec. 31.
Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 124,381; Dec. 31.
Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 124,382; Dec. 31.
Buzzini, Robert, Rye, N. Y. Textile fabric. 123,728; Nov. 26.
Buzzini, Robert, Rye, N. Y. Textile fabric. 123,729; Nov. 26.
Byrnes, Phyllis, New York, N. Y. Dress ensemble. 119,341; Mar. 5.
Byrnes, Phyllis, New York, N. Y. Dress ensemble. 119,447; Mar. 12.
Byrnes, Phyllis, New York, N. Y. Dress. 119,779; Apr. 2.
Byrnes, Phyllis, New York, N. Y. Dress. 121,243; June 25.
C. & W. Manufacturing Co. (See Cearn, Milton H., assignor.)
Cabral, Jorge K., Oslo, Norway. Game board. 122,566; Sept. 17.
Cadous, Esther, New York, N. Y. Slip. 118,803; Jan. 30.
Cadous, Esther, New York, N. Y. Slip. 118,804; Jan. 30.
Cadous, Esther, New York, N. Y. Coat or similar article. 119,354; Mar. 5.
Cadous, Esther, New York, N. Y. Coat or similar article. 119,355; Mar. 5.
Cadous, Esther, New York, N. Y. Slip. 123,949; Dec. 10.
Cadous, Esther, New York, N. Y. Slacks or similar article. 123,950; Dec. 10.
Cadous, Esther, New York, N. Y. Slip. 124,164; Dec. 17.
Cadwallader, Robert, Detroit, Mich. Automobile radiator shell. 119,373; Mar. 12.
Cadwallader, Robert, Detroit, Mich. Automobile hood side panel. 119,374; Mar. 12.
Cadwallader, Robert, Detroit, Mich. Automobile radiator shell. 119,375; Mar. 12.
Cadwallader, Robert, Detroit, Mich. Automobile radiator shell. 119,376; Mar. 12.
Cadwallader, Robert, Detroit, Mich. Automobile hood side panel. 119,377; Mar. 12.
Cadwallader, Robert, Detroit, Mich. Automobile hood side panel. 119,378; Mar. 12.
Cadwallader, Robert, Detroit, Mich. Automobile grille unit. 119,379; Mar. 12.
Cadwallader, Robert, Detroit, Mich. Automobile grille unit. 119,380; Mar. 12.
Cadwallader, Robert, Detroit, Mich. Automobile hood side panel. 119,448; Mar. 12.
Cadwallader, Robert, Detroit, Mich. Automobile grille unit. 122,917; Oct. 8.
Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile grille unit. 120,153; Apr. 23.
Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile grille unit. 120,747; May 28.
Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile grille. 120,927; June 4.
Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile fender. 122,383; Sept. 10.
Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile fender. 122,384; Sept. 10.
Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile fender. 122,385; Sept. 10.
Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile. 122,504; Sept. 10.
Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile fender. 122,505; Sept. 10.
Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile fender. 122,506; Sept. 10.
Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile fender. 122,625; Sept. 17.
Cady, John E., Indianapolis, Ind., assignor to United States Rubber Company, New York, N. Y. Pneumatic tire. 119,155; Feb. 27.
Cady, John E., D. A. Macdonald, and R. G. Null, Indianapolis, Ind., assignors to United States Rubber Company, New York, N. Y. Pneumatic tire. 119,156; Feb. 27.
Caestecker, Charles E., Chicago, Ill. Rebound device for a pin-ball game apparatus. 121,088; June 18.
Caestecker, Charles E., Chicago, Ill. Rebound device for a pin-ball game apparatus. 121,089; June 18.
Cafiero, Michael J., Brooklyn, N. Y. Conduit expansion fitting. 122,386; Sept. 10.
Calderazzo, Dominick J., New York, N. Y. Slipper or similar article. 119,157; Feb. 27.

Calderazzo, Dominick J., New York, N. Y. Slipper or similar article. 119,158; Feb. 27.
Calderazzo, Dominick J., New York, N. Y. Slipper or similar article. 119,159; Feb. 27.
Calderazzo, Dominick J., New York, N. Y. Slipper or similar article. 119,160; Feb. 27.
Calderazzo, Dominick J., New York, N. Y. Slipper or similar article. 119,161; Feb. 27.
Calderazzo, Dominick J., New York, N. Y. Slipper or similar article. 119,162; Feb. 27.
Calderazzo, Dominick J., New York, N. Y. Slipper or similar article. 119,163; Feb. 27.
Calderazzo, Dominick J., New York, N. Y. Slipper or similar article. 119,164; Feb. 27.
Calderazzo, Dominick J., New York, N. Y. Combined sole and heel. 119,381; Mar. 12.
Calderazzo, Dominick J., New York, N. Y. Slipper or similar article. 119,650; Mar. 26.
Calderazzo, Dominick J., New York, N. Y. Slipper or similar article. 119,651; Mar. 26.
Calderazzo, Dominick J., New York, N. Y. Slipper or similar article. 119,652; Mar. 26.
Calderazzo, Dominick J., New York, N. Y. Slipper or similar article. 119,653; Mar. 26.
Calderazzo, Dominick J., New York, N. Y. Shoe or similar article. 119,875; Apr. 9.
Calderazzo, Dominick J., New York, N. Y. Slipper or similar article. 121,466; July 16.
Calderazzo, Dominick J., New York, N. Y. Slipper or similar article. 121,467; July 16.
Calderazzo, Dominick J., New York, N. Y. Slipper. 121,890; Aug. 13.
Calderazzo, Dominick J., New York, N. Y. Slipper. 121,891; Aug. 13.
Calderazzo, Dominick J., New York, N. Y. Slipper. 123,289; Oct. 29.
Caldwell, Charles H., Brockton, assignor to Geo. E. Keith Company, Campello, Mass. Shoe. 119,542; Mar. 19.
Caldwell, James R., assignor to The Wooster Rubber Company, Wooster, Ohio. Protector mat for kitchen tables, stoves, and the like. 123,472; Nov. 12.
Caldwell James R., assignor to The Wooster Rubber Company, Wooster, Ohio. Toilet tray. 123,902; Dec. 10.
Caldwell, Kenneth R., Buffalo, N. Y. Game board for public amusement places. 122,937; Oct. 8.
Calem, Bernard, New York, N. Y. Combined handbag and vanity case. 124,356; Dec. 31.
Calhoun, James, Oakland, Calif. Safety danger signal for automobiles. 118,733; Jan. 30.
Calhoun, Sarah C., Frink, Fla. Bottle or similar article. 121,270; July 2.
Calick, Bernard, New York, N. Y. Dress. 122,734; Sept. 24.
Calick, Paul, New York, N. Y. Dress. 119,716; Mar. 26.
Calick, Paul, New York, N. Y. Dress ensemble. 119,717; Mar. 26.
Calick, Paul, New York, N. Y. Dress ensemble. 120,295; Apr. 30.
Calick, Paul. New York, N. Y. Dress. 120,600; May 14.
California Curtain Mfg. Co. (See Kaplan, David, assignor.)
California Perfume Company. (See Higgins, Frank E., assignor.)
California Wine Company. (See Markus, Henry A., assignor.)
Callaway, William C., Pasadena, Calif. Vacation house. 120,776; May 28.
Calumet Manufacturing Corporation. (See Rideout, John G., assignor.)
Cameo Vineyards Company. (See Parker, Ovid S., assignor.)
Camerota, Louis A., Burlington, assignor to Florence Pipe Foundry & Machine Company, Florence, N. J. Press or the like. 123,688; Nov. 26.
Campbell, Dorothy B., Washington, D. C. Infant's jacket or similar article. 121,646; July 23.
Campbell, Loudon L., Jr., Pittsburgh, Pa. Target or similar article. 119,176· Feb. 27.
Campbell, Willard S., Hampshire, Ill. Casing for a combined milk can washer, sterilizer, and drier. 120,542; May 14.
Camper, Alice E. (See Carr, M. E., Camper, and Stevens.)
Canal National Bank of Portland, The, as trustee. (See Shepard, Ernest L., assignor.)
Canelstein, Gotel, New York, N. Y. Embroidered textile fabric or similar article. 123,335; Oct. 29.
Cannon Shoe Company. (See Carfagno, Thomas F., assignor.)
Cantor, Simon, assignor to La Belle Silver Co., Inc., Brooklyn, N. Y. Serving tray. 120,212; Apr. 30.
Cantwell, Robert W., assignor to E. P. Halliburton, Inc., Los Angeles, Calif. Metallic suit case. 123,075; Oct. 15.
Capehart, Homer E. (See Collison, Edward E., assignor.)
Capellazzi, Gildo, and V. Germana, Brooklyn, N. Y. Plaque or similar article. 119,255; Mar. 5.
Capewell, George J., Jr., assignor to The Capewell Manufacturing Company, Hartford, Conn. Olive and pickle fork. 123,664; Nov. 26.
Capewell, George J., Jr., assignor to The Capewell Manufacturing Company, Hartford, Conn. Olive and pickle fork. 123,665; Nov. 26.
Capewell Manufacturing Company, The. (See Capewell, George J., Jr., assignor.)
Caplan, Moses, Boston, Mass. Wrap cover for cylindrical containers. 119,356; Mar. 5.
Carafa, Rose, New York, N .Y. Stocking. 120,543; May 14.
Carafa, Rose, Yonkers, N. Y. Stocking. 122,590; Sept. 17.
Carey, Leonard, Covington, Ky. Bottle. 123,204; Oct. 22.
Carfagno, Thomas F., Hanover, Pa., assignor to Cannon Shoe Company, Baltimore, Md. Shoe. 118,692; Jan. 30.
Carlile & Doughty, Inc. (See Doughty, Leon A., assignor.)
Carlson, Charles W., assignor to United States Glass Company, Pittsburgh, Pa. Vase or similar article. 122,765; Oct. 1.
Carlson, Charles W., Pittsburgh, Pa. Goblet or similar article. 122,766; Oct. 1.
Carlson, Charles W., Pittsburgh, Pa. Goblet or similar article. 122,767; Oct. 1.
Carlson, Charles W., Pittsburgh, Pa. Goblet or similar article. 122,768; Oct. 1.
Carlson, Charles W., Pittsburgh, Pa. Goblet or similar article. 122,769; Oct. 1.
Carlson, Clarence G., Oakland, Calif. High chair. 119,177; Feb. 27.
Carlson, Elof L., assignor to The E. Ingraham Company, Bristol, Conn. Clock. 122,112; Aug. 27.
Carlson, Ernest O., Rockford, Ill. Desk or the like. 124,426; Dec. 31.
Carlson, Gustave W., Superior, Wis. Lapel button. 119,737; Apr. 2.
Carman, Owsley E., Vale, Oreg. Agitator. 124,192; Dec. 24.
Carney, Clifford R., Detroit, Mich. Ice tray. 120,480; May 14.
Carr, James G., New York, assignor to Pepsi-Cola Company, Long Island City, N. Y. Cooler cabinet. 122,079; Aug. 20.
Carr-Lowrey Glass Company. (See Leach, Walter R., assignor.)
Carr-Lowrey Glass Co. (See Lloyd, Philip G., assignor.)
Carr, Mary E., A. E. Camper, and E. L. Stevens, Bartlett, Ill. Bedside servitor. 123,319; Oct. 29.
Carragher, Hugh J., and T. B. Wilson, Brooklyn, assignors to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 120,254; Apr. 30.
Carragher, Hugh J., and T. B. Wilson, Brooklyn, assignors to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 120,748; May 28.
Carragher, Hugh J., and T. B. Wilson, Brooklyn, assignors to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 120,798; May 28.
Carragher, Hugh J., and T. B. Wilson, Brooklyn, assignors to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 120,799; May 28.
Carragher, Hugh J., and T. B. Wilson, Brooklyn, assignors to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 120,800; May 28.
Carragher, Hugh J., and T. B. Wilson, Brooklyn, assignors to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 120,801; May 28.
Carragher, Hugh J., and T. B. Wilson, Brooklyn, assignors to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 120,802; May 28.
Carragher, Hugh J., and T. B. Wilson, Brooklyn, assignors to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 123,643; Nov. 19.
Carragher, Hugh J., and T. B. Wilson, Brooklyn, assignors to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 123,644; Nov. 19.
Carrington, Ida, New York, N. Y. Dresser or similar article. 118,468; Jan. 9.
Carrom Industries, Inc. (See Stearns, Freeman R., assignor.)
Carson, George M., Providence, R. I. Brooch. 120,906; June 4.
Carson, Oswald B., Bronxville, assignor to American Hard Rubber Company, New York, N. Y. Storage battery vent plug. 120,154; Apr. 23.
Carson, Oswald B., Bronxville, assignor to American Hard Rubber Company, New York, N. Y. Storage battery vent plug. 120,155; Apr. 23.
Carson, Oswald B., Bronxville, assignor to American Hard Rubber Company, New York, N. Y. Foot bath. 120,213; Apr. 30.
Carson, Oswald B., Bronxville, assignor to American Hard Rubber Company, New York, N. Y. Foot bath. 120,214; Apr. 30.
Carson, Oswald B., Bronxville, assignor to American Hard Rubber Company, New York, N. Y. Receptacle for batteries and similar articles. 120,526; May 14.
Carson, Oswald B., Bronxville, assignor to American Hard Rubber Company, New York, N. Y. Storage battery vent plug. 121,949; Aug. 13.
Carson, Oswald B., Bronxville, assignor to American Hard Rubber Company, New York, N. Y. Handle for a knife, kitchen utensil or similar article. 123,645; Nov. 19.
Carson Pirie Scott & Co. (See Kluesing, Herman, assignor.)
Carson Pirie Scott & Co. (See Oakley, Alfred, assignor.)
Carstens, Fred W. (See Marks, G. M., and Carstens.)
Carter, Robert H., Huntington Park, Calif. Hoop-rolling stick. 124,011; Dec. 17.

Carter, Theodore L., assignor to Orchard Paper Company, St. Louis, Mo. Wrapping paper or similar article. 120,951; June 4.
Carter, Theodore L., assignor to Orchard Paper Company, St. Louis, Mo. Wrapping paper or similar article. 120,952; June 4.
Carter, Theodore L., assignor to Orchard Paper Company, St. Louis, Mo. Wrapping paper or similar article. 120,953; June 4.
Carter, Theodore L., assignor to Orchard Paper Company, St. Louis, Mo. Wrapping paper or similar article. 121,365; July 9.
Carter, Thomas A., Jr., assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Lighting fixture. 119,800; Apr. 2.
Carter, Thomas A., Jr., assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Lighting fixture. 120,544; May 14.
Carter, Thomas A., Jr., assignor to Grand Rapids Store Equipment Co., Grand Rapids, Mich. Lighting fixture. 122,861; Oct. 1.
Carter's Ink Company, The. (See Brand, Albert S., assignor.)
Cartier, Inc. (See Foret, Edmond, assignor.)
Cartwright, Brian E., Marfa, Tex. Combined ashtray and cigarette dispenser. 123,750; Dec. 3.
Casco Products Corporation. (See Bahr, Gustave F., assignor.)
Casco Products Corporation. (See Lehmann, Herbert G., assignor.)
Casco Products Corporation. (See Cohen, Joseph H., assignor.)
Case, Harold W., Dayton, Ohio. Airplane. 121,584; July 23.
Case, Willard T., New Brunswick, N. J. Rug. 119,672; Mar. 26.
Casella, John, Long Beach, N. Y. Dress. 124,453; Dec. 31.
Casella, John, Long Beach, N. Y. Dress. 124,454; Dec. 31.
Casella, John, Long Beach, N. Y. Dress. 124,455; Dec. 31.
Casella, John, Long Beach, N. Y. Dress. 124,456; Dec. 31.
Casella, John, Long Beach, N. Y. Dress. 124,466; Dec. 31.
Casey, Jack, Grove, Okla. Propeller shaft strut or the like. 121,623; July 23.
Cashin, Bonnie, New York, N. Y. Dress. 122,051; Aug. 20.
Cashin, Bonnie, New York, N. Y. Dress. 122,052; Aug. 20.
Cashin, Bonnie, New York, N. Y. Dress. 122,053; Aug. 20.
Cashin, Bonnie, New York, N. Y. Dress. 122,054; Aug. 20.
Cashin, Bonnie, New York, N. Y. Dress ensemble. 122,180; Aug. 27.
Cashin, Bonnie, New York, N. Y. Dress. 122,181; Aug. 27.
Cashin, Bonnie, New York, N. Y. Coat. 123,775; Dec. 3.
Cashin, Bonnie, New York, N. Y. Coat. 123,801; Dec. 3.
Cashin, Bonnie, New York, N. Y. Dress ensemble. 123,992; Dec. 10.
Cashin, Bonnie, New York, N. Y. Dress ensemble. 123,993; Dec. 10.
Cashin, Bonnie, New York, N. Y. Dress. 123,994; Dec. 10.
Cashin, Bonnie, New York, N. Y. Dress ensemble. 123,995; Dec. 10.
Cashin, Bonnie, New York, N. Y. Dress. 123,996; Dec. 10.
Cashin, Bonnie, New York, N. Y. Dress. 123,997; Dec. 10.
Cashin, Bonnie, New York, N. Y. Dress. 124,139; Dec. 17.
Cashin, Bonnie, New York, N. Y. Hat. 124,140; Dec. 17.
Cashin, Bonnie, New York, N. Y. Dress. 124,141; Dec. 17.
Cashin, Bonnie, New York, N. Y. Dress. 124,142; Dec. 17.
Cashin, Bonnie, New York, N. Y. Dress ensemble. 124,143; Dec. 17.
Cashin, Bonnie, New York, N. Y. Dress ensemble. 124,144; Dec. 17.
Cashin, Bonnie, New York, N. Y. Coat. 124,170; Dec. 24.
Cashin, Bonnie, New York, N. Y. Coat. 124,171; Dec. 24.
Cashin, Bonnie, New York, N. Y. Dress. 124,244; Dec. 24.
Cashin, Bonnie, New York, N. Y. Dress. 124,245; Dec. 24.
Cashin, Bonnie, New York, N. Y. Dress. 124,268; Dec. 24.
Cashin, Bonnie, New York, N. Y. Dress. 124,457; Dec. 31.
Cashin, Bonnie, New York, N. Y. Dress. 124,467; Dec. 31.
Castelli, Frank C., Carrol Park, Pa. Swing frame. 122,073; Aug. 20.
Castelli, Frank C., Carroll Park, and H. Kesler, Philadelphia, Pa. Shoe stand. 121,783; Aug. 6.
Castelli, Frank C., Carroll Park, and H. Kesler, Philadelphia, Pa. General utility stand. 121,804; Aug. 6.
Catskill Metal Works, Inc. (See Seaman, Gilbert M., assignor.)
Cavagnaro, Milton D., assignor to San Francisco Bay Exposition, San Francisco, Calif. Commemorative emblem or similar article. 121,008; June 11.
Cavanagh, John, assignor to Hat Corporation of America, Norwalk, Conn. Hat. 121,714; July 30.
Cave, Henry, assignor to The Fuller Brush Company, Hartford, Conn. Brush handle. 123,689; Nov. 26.
Cazin, Otto K., Hoboken, N. J., assignor to Universal Camera Corporation, New York, N. Y. Camera. 120,583; May 14.
Cearn, Milton H., assignor to C. & W. Manufacturing Co., Inc., Chicago, Ill. Hair drying apparatus. 122,583; Sept. 17.
Celt, Bernard, New York, N. Y. Dress. 122,134; Aug. 27.
Celt, Bernard, New York, N. Y. Dress. 122,157; Aug. 27.
Cembalest, Michael, New York, N. Y. Textile fabric. 120,684; May 21.
Cembalest, Michael, New York, N. Y. Textile fabric. 122,658; Sept. 24.
Century Lighting, Inc. (See Mielziner, Jo, assignor.)
Chain Belt Company. (See Ball, Charles F., assignor.)
Challis, Thomas F. (See Robinson, H. C., and Challis.)
Chamberlain, Frances L. Sinclairville, N. Y. Combined can punch and dispenser. 119,780; Apr. 2.
Chamberlain, Inc. (See Parman, Howard R., assignor.)
Chamberlain, William R., Mount Vernon, N. Y. Stove. 121,865; Aug. 13.
Chamberlain, William R., Mount Vernon, N. Y. Stove. 124,302; Dec. 31.
Chambers, David B., Ridgewood, N. J., assignor to The Spool Cotton Company, New York, N. Y. Display tray. 124,012; Dec. 17.
Chaplin, Charles J., assignor to Chaplin Corporation, South Portland, Maine. Molded fiber service plate. 124,290; Dec. 24.
Chaplin, Charles J., assignor to Chaplin Corporation, South Portland, Maine. Molded fiber luncheon plate. 124,291; Dec. 24.
Chaplin Corporation. (See Chaplin, Charles J.)
Champlin Refining Company. (See Holland, A. Houston, assignor.)
Chapman, Bert E., Sanford, Fla. House number sign. 118,615; Jan. 23.
Chapman, David, Chicago, Ill., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Combined washing machine and wringer. 119,876; Apr. 9.
Chapoton, Louis F., Detroit, Mich. Reading glass. 120,498; May 14.
Char, Kwai Sin. (See Singer, Henry, assignor.)
Charles, Camille, New York, N. Y. Dress. 118,750; Jan. 30.
Charles, Camille, New York, N. Y. Dress ensemble. 118,994; Feb. 13.
Charles, Camille, New York, N. Y. Dress. 118,995; Feb. 13.
Charles, Camille, New York, N. Y. Dress. 119,060; Feb. 20.
Charles, Camille, New York, N. Y. Dress. 119,061; Feb. 20.
Charles, Camille, New York, N. Y. Dress. 119,139; Feb. 20.
Charles, Camille, New York, N. Y. Dress. 119,221; Feb. 27.
Charles, Camille, New York, N. Y. Dress. 120,069; Apr. 16.
Charles, Camille, New York, N. Y. Dress. 120,070; Apr. 16.
Charles, Camille, New York, N. Y. Dress. 120,071; Apr. 16.
Charles, Camille, New York, N. Y. Dress. 120,072; Apr. 16.
Charles, Camille, New York, N. Y. Dress. 122,283; Sept. 3.
Charles, Camille, New York, N. Y. Dress. 122,284; Sept. 3.
Charles, Camille, New York, N. Y. Dress. 122,646; Sept. 17.
Charles, Camille, New York, N. Y. Dress. 122,848; Oct. 1.
Charles, Camille, New York, N. Y. Dress. 123,038; Oct. 8.
Charles, Camille, New York, N. Y. Dress. 123,118; Oct. 15.
Charles, Camille, New York, N. Y. Dress. 123,119; Oct. 15.
Charles, Camille, New York, N. Y. Dress. 123,120; Oct. 15.
Charles, Camille, New York, N. Y. Dress. 123,144; Oct. 15.
Charles, Camille, New York, N. Y. Dress. 123,359; Oct. 29.
Charles, Camille, New York, N. Y. Dress. 123,528; Nov. 12.
Charles, Camille, New York, N. Y. Dress. 123,832; Dec. 3.
Charles, Camille, New York, N. Y. Dress. 123,969; Dec. 10.
Charles, Camille, New York, N. Y. Dress. 123,970; Dec. 10.
Charles, Camille, New York, N. Y. Dress. 124,458; Dec. 31.

Charles, Camille, New York, N. Y. Dress. 124,468; Dec. 31.
Charles, Camille, New York, N. Y. Dress. 124,486; Dec. 31.
Charles, Camille, New York, N. Y. Dress. 124,487; Dec. 31.
Charles of the Ritz, Inc. (See Colwell, Laurence J., assignor.)
Chase, Alma, Oakland, and G. C. Montgomery, Concord, Calif. Hood-mask. 123,382; Nov. 5.
Chase Brass & Copper Co. Incorporated. (See Murnane, John A., assignor.)
Chase Brass & Copper Co. Incorporated . (See Reichenbach, Howard F., assignor.)
Chase, Harold V., Evanston, Ill. Chessmen. 120,499; May 14.
Chasset, Louis, Paris, France, assignor to Nancy McClelland Inc., New York, N. Y. Wallpaper. 120,661; May 21.
Chatfield, Blanche L., Washington, D. C. Ripping device. 119,178; Feb. 27.
Cheatham, Myrtle I. R., Lockhart, Tex. Flower rack or the like. 124,303; Dec. 31.
Chedekel, Samuel H., Lowell, Mass. Moccasin. 119,654; Mar. 26.
Chernow, Michael, New York, N. Y. Alphabet for forming monograms or similar articles. 121,183; June 25.
Cherry-Burrell Corporation. (See Boileau, Arthur H., assignor.)
Cherry-Burrell Corporation. (See Deletzke, Norman E. H., assignor.)
Chesney, Robert M., assignor to The Alliance Porcelain Products Company, Alliance, Ohio. Washing machine tub or similar article. 123,666; Nov. 26.
Chevers, Melvin V., North Attleboro, assignor to Bird & Son, Inc., East Walpole, Mass. Rug. 120,831; May 28.
Chicago Coin Machine Mfg. Co. (See Koci, Jerry C., assignor.)
Chicago Die Casting Manufacturing Company. (See Koch, William P., assignor.)
Chicago Electric Manufacturing Company. (See Benson, Bernhart A., assignor.)
Chicago Electric Manufacturing Company. (See Gough, James J., assignor.)
Chicago Electric Manufacturing Company. (See Preston, Edward S., assignor.)
Chicago Flexible Shaft Company. (See Scharfenberg, George T., assignor.)
Chicago Flexible Shaft Company. (See Weirich, Fred O., assignor.)
Chindlund, Elmer A., Los Angeles, Calif. Stove. 119,062; Feb. 20.
Christen, Marcel, New York, N. Y. Textile fabric. 119,702; Mar. 26.
Christen, Marcel, New York, N. Y. Textile fabric. 122,647; Sept. 17.
Christen, Marcel, New York, N. Y. Textile Fabric. 122,735; Sept. 24.
Christen, Marcel, New York, N. Y. Textile fabric. 124,089; Dec. 17.
Christensen, John W., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Dentist's cabinet or the like. 122,717; Sept. 24.
Christenson, Trace, Jr., and W. W. Hoople, assignors to National Stamping & Electric Works, Chicago, Ill. Waffle iron. 123,566; Nov. 19.
Christenson, Trace, Jr., and W. W. Hoople, assignors to National Stamping & Electric Works, Chicago, Ill. Toaster. 124,059; Dec. 17.
Christenson, Trace, Jr., and W. W. Hoople, assignors to National Stamping & Electric Works, Chicago, Ill. Double waffle iron. 124,304; Dec. 31.
Christenson, Trace, Jr., and W. W. Hoople, assignors to National Stamping & Electric Works, Chicago, Ill. Sandwich toaster. 124,305; Dec. 31.
Christy, Robert T., New York, N. Y. Lipstick container. 120,662; May 21.
Christy, Robert T., New York, N. Y., assignor to W. E. Vogelback, Chicago, Ill. Lipstick container. 121,950; Aug. 13.
Chrysler Corporation. (See Cadwallader, Robert, assignor.)
Chryst, Theodore L., Birmingham, Mich. Advertising sign. 120,338; May 7.
Chrystal Manufacturing Co. (See Trojan, José, assignor.)
Churchill, Owen P., Los Angeles, Calif. Swim fin. 124,013; Dec. 17.
Ciccarelli, Ostilio, assignor to The E. Ingraham Company, Bristol, Conn. Clock case. 122,591; Sept. 17.
Ciccone, Elizabeth M., New York, N. Y. Dress ensemble. 120,053; Apr. 16.
Cincinnati Advertising Products Company, The. (See Frankel, Howard, assignor.)
Circelli, Michael M., Pittsburgh, Pa. Combined cigarette extinguisher and ash receiver. 123,304; Oct. 29.
Clackett, Charles W., and A. M. Werner, New York, N. Y. Textile fabric. 123,205; Oct. 22.
Clague, James D. (See Anstice, M. R., and Clague.)
Clairol, Inc. (See Schlicker, Herman C., assignor.)
Claremont Embroidery Co. (See Goldstein, Louis, assignor.)
Clark, Clem, Fairfield, Ala. Combined splash guard and signal device for bicycles. 123,856; Dec. 10.
Clark, James E., St. Petersburg, Fla. Fish lure. 122,890; Oct. 8.
Clark, John B., Old Westbury, N. Y., assignor to Crown Fastener Corporation, Warren, R. I. Pull for a slide fastener. 118,693; Jan. 30.
Clark, Joseph V., Ann Arbor, Mich. Geographical globe. 119,695; Mar. 26.
Clawson, Claire, New York, N. Y. Ascot scarf or similar article. 120,418; May 7.
Clay, Walter J., and H. S. Bell, Houston, Tex. Ash tray. 122,043; Aug. 20.
Cleaver-Brooks Company. (See Stevens, Clifford B., assignor.)
Clemente, Andrew, Union City, N. J. Textile fabric. 122,718; Sept. 24.
Clerc, Leonard F. Chicago, Ill. Refrigerating cabinet. 121,761; Aug. 6
Cleveland Tractor Company, The. (See Heaslet, James G., assignor.)
Cleveland Welding Company, The. (See Kranz, Harry W., assignor.)
Cleveland Welding Company, The. (See Teague, Walter D., assignor.)
Cleverly, William L., Cliffside, N. J. Textile fabric or similar article. 124,090; Dec. 17.
Clifford, Helen, New York, N. Y. Dress. 123,971; Dec. 10.
Cloutier, Paul N., assignor to Faries Manufacturing Company, Decatur, Ill. Sun lamp. 122,862; Oct. 1.
Cloyes, Gladys K., Houston, Tex. Dress. 118,494; Jan. 9.
Club Aluminum Products Company. (See Hoople, Warner W., assignor.)
Cluett, Peabody & Co. (See Palmer, Robert L., assignor.)
Coalport China Company (John Rose & Co.) Limited. (See Langford, Alfred, assignor.)
Cobb, Boughton, Lawrence, N. Y., assignor to The Esmond Mills, Esmond, R. I. Baby blanket. 122,387; Sept. 10.
Cobblers, Inc. (See Braun, Walter, assignor.)
Cobbs-Hamilton Co. (See Hopkins, Horner H., assignor.)
Coblentz, Louis J., New York, N. Y. Handbag. 121,736; July 30.
Coblentz, Louis J., New York, N. Y. Handbag. 121,737; July 30.
Coblentz, Louis J., New York, N. Y. Handbag. 121,738; July 30.
Coblentz, Louis J., New York, N. Y. Handbag or similar article. 121,951; Aug. 13.
Coblentz, Louis J., New York, N. Y. Handbag. 122,849; Oct. 1.
Coburn, Abbott, Chicago, Ill. Building siding panel. 124,014; Dec. 17.
Coca-Cola Company. (See Kruck, Ralph E., assignor.)
Coca-Cola Company, The. (See Loewy, R., and Barnhart, assignors.)
Cocozella, Anthony, Lynn, Mass., assignor to United Shoe Machinery Corp., Flemington, N. J. Wedge heel. 121,670; July 30.
Cocozella, Anthony, Lynn, Mass., assignor to United Shoe Machinery Corp., Flemington, N. J. Wedge heel. 121,671; July 30.
Cocozella, Anthony, Lynn, Mass., assignor to United Shoe Machinery Corp., Flemington, N. J. Wedge heel. 121,672; July 30.
Coen, Mannie, New York, N. Y. Heel. 119,486; Mar. 19.
Coen, Mannie, New York, N. Y. Heel. 119,487; Mar. 19.
Cohen, Berry, Atlanta, Ga. Bicycle stand. 120,857; June 4.
Cohen, David C., et al. (See Trojan, José, assignor.)
Cohen, Jack, New York, N. Y. Coat. 118,751; Jan. 30.
Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Motor casing. 122,788; Oct. 1.
Cohen, Max L., New York, N. Y. Textile fabric 119,929; Apr. 16.
Cohen, Max L., New York, N. Y. Textile fabric or similiar article. 120,584; May 14.
Cohen, Maximilian, New York, N. Y. Combination toothbrush and dental mirror. 122,388; Sept. 10.
Cohn-Goldwater Manufacturing Co. (See Seymour, William R., assignor.)
Cohn, H. C., & Co. (See Muhlhauser, Frederick P., assignor.)
Cohn, Harry H., New York, N. Y. Dress ensemble. 119,913; Apr. 9.
Cohn, Herman, New York, N. Y. Hat. 121,857; Aug. 6.
Cohn, Irwin E., New York, N. Y. Pinwheel toy. 121,366; July 9.
Cohn, Nathan A., Los Angeles, Calif. Engagement ring. 118,591; Jan. 16.
Cohn, Nathan A., Los Angeles, Calif. Wedding ring. 118,592; Jan. 16.
Cohn & Rosenberger, Inc. (See Katz, Adolph, assignor.)
Cohn & Rosenberger Inc. (See McDonald, Carol, assignor.)
Cohn & Rosenberger, Inc. (See Pauzat, Charles E., assignor.)
Cohn & Rosenberger Inc. (See Placco, Oscar, assignor.)
Cohn & Rosenberger, Inc. (See Verrecchio, Gene, assignor.)
Cohn & Rosenberger, Inc. (See Weeber, Marion, assignor.)

Coldwell, John S., Milwaukee, Wis., and W. F. Nessen, Oak Park, Ill., assignors to Globe-Union Inc., Milwaukee, Wis. Roller skate. 121,184; June 25.
Cole-Hersee Company. (See Mayer, Leo, assignor.)
Coleman Lamp and Stove Company, The. (See Tullis, Boyd W., assignor.)
Coleman, Lu Della, Kansas City, Kans. Diaper. 121,647; July 23.
Colgate-Palmolive-Peet Company. (See Hendrickson, Jack L., assignor.)
Colgate-Palmolive-Peet Company. (See Smith, Fulton W., assignor.)
Collester, Maude P., Bronxville, N. Y., assignor to I. B. Kleinert Rubber Company. Vanity bag. 123,667; Nov. 26.
Collier, Winthrop F., assignor to Geo. D. Roper Corporation, Rockford, Ill. Pump. 123,121; Oct. 15.
Colling, Joseph J., Pittsburgh, Pa. Commercial vacuum cleaner. 123,290; Oct. 29.
Collins, Edward J., Los Angeles, Calif., assignor to R. W. Hood, Chicago, Ill. Bowling alley. 120,117; Apr. 23.
Collison, Edward E., Indianapolis, assignor to H. E. Capehart, Washington, Ind. Cabinet for phonograph remote control unit. 124,440; Dec. 31.
Colnes, Thomas H., New York, N. Y. Buckle. 123,025; Oct. 8.
Colonial Knife Company. (See Paolantonio, Antonio, assignor.)
Colorado Fuel and Iron Corporation, The. (See Robinson, R. R., Sr., and G. Lannon, assignors.)
Colstad, Charles N., Attleboro, Mass. Twine holder. 121,866; Aug. 13.
Colt, Martha C., Harrisburg, Pa. Electric light shield. 123,932; Dec. 10.
Colt's Patent Fire Arms Manufacturing Company. (See Dimick, Stephen W., assignor.)
Columbia Narrow Fabric Company. (See Randall, Norman E., assignor.)
Columbia Protektosite Co. (See Ernst, Frank R., assignor.)
Colwell, Laurence J., assignor to Charles of the Ritz, Inc., New York, N. Y. Decorated paper for boxes or the like. 123,730; Nov. 26.
Colwell, Laurence J., assignor to Charles of the Ritz, Inc., New York, N. Y. Jar. 124,015; Dec. 17.
Colwell, Laurence J., assignor to Charles of the Ritz, Inc., New York, N. Y. Bottle. 124,016; Dec. 17.
Colwell, Laurence J., assignor to Charles of the Ritz, Inc., New York, N. Y. Bottle. 124,017; Dec. 17.
Combi Cart Corporation. (See Hicks, William D., assignor.)
Comfy Manufacturing Co., The. (See Katzner, Fred E., assignor.)
Comfy Manufacturing Co., The. (See Sheplan, Herman B., assignor.)
Comolli, Sylvia, New York, N. Y. Dress. 122,158; Aug. 27.
Compton, Horace N., New York, N. Y. Shoe. 122,457; Sept. 10.
Concord Silversmiths, Ltd. (See Walker, Ernest W., assignor.)
Conlon, Michael J., Jr., New York, N. Y. Support for a French-type telephone. 121,715; July 30.
Connecticut Paper Products Incorporated. (See Emerson, William J., assignor.)
Connor, William D., Jr., Laona, Wis. Umbrella table. 122,789; Oct. 1.
Conrad Shoe Company, The. (See Mosher, George J., assignor.)
Conroy, Edward J., assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 120,166; Apr. 23.
Conroy, Edward J., assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 122,113; Aug. 27.
Conroy, Edward J., assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 123,383; Nov. 5.
Constantine, George, New York, N. Y. Dress. 118,765; Jan. 30.
Constantine, George, New York, N. Y. Dress. 123,444; Nov. 5.
Constantine, George, New York, N. Y. Dress ensemble. 124,091; Dec. 17.
Constantine George, New York, N. Y. Dress. 124,092; Dec. 17.
Conterman, Fred A., assignor to Blackstone Manufacturing Company, Inc., Jamestown, N. Y. Combined gear housing and spindle support for a laundry device. 121,505; July 16.
Continental Elastic Corporation. (See Ruhroth, Frederic, assignor.)
Continental Machines, Inc. (See Ringsrud, Arthur E., assignor.)
Continental Motors Corporation. (See Jackson, Thomas, assignor.)
Continental Scale Corporation. (See Reinecke, Jean O., assignor.)
Cook Electric Company. (See Schultz, Roy M., assignor.)
Cooke, Giles B., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Drinking cup. 121,805; Aug. 6.
Cooner, Charles C., Jr., assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Feeding cup or similar article. 119,738; Apr. 2.
Cooper, Alfred J., Cleveland, Ohio. Combined advertising device, cigar lighter, radio and clock. 122,182; Aug. 27.
Cooper, Charles, New York, N. Y. Dress. 124,093; Dec. 17.
Cooper, Charles, New York, N. Y. Dress. 124,094; Dec. 17.
Cooper, David, Brooklyn, N. Y. Linked chain or similar article. 120,878; June 4.
Cooper, David, Brooklyn, N. Y. Clip or similar article. 120,970; June 11.
Cooper, David, Brooklyn, N. Y. Clip or similar article. 120,971; June 11.
Cooper, David, Brooklyn, N. Y. Linked chain or similar article. 120,984; June 11.
Cooper, David, Brooklyn, N. Y. Linked chain or similar article. 120,985; June 11.
Cooper, David, Brooklyn, N. Y. Linked chain or similar article. 120,986; June 11.
Cooper, David, Brooklyn, N. Y. Clip or similar article. 121,739; July 30.
Cooper, David, Brooklyn, N. Y. Clip or similar article. 121,740; July 30.
Cooper, David, Brooklyn, N. Y. Clip or similar article. 121,741; July 30.
Cooper, David, Brooklyn, N. Y. Clip or similar article. 121,742; July 30.
Cooper, David, Brooklyn, N. Y. Pin or similar article. 122,255; Sept. 3.
Cooper, David, Brooklyn, N. Y. Pin or similar article. 122,256; Sept. 3.
Cooper, David, Brooklyn, N. Y. Pin or similar article. 122,257; Sept. 3.
Cooper, David, Brooklyn, N. Y. Pin or similar article. 122,258; Sept. 3.
Cooper, David, Brooklyn, N. Y. Pin or similar article. 122,259; Sept. 3.
Cooper, David, Brooklyn, N. Y. Chain or similar article. 122,431; Sept. 10.
Cooper, David, Brooklyn, N. Y. Linked chain or similar article. 122,707; Sept. 24.
Cooper, David, Brooklyn, N. Y. Clip or similar article. 123,076; Oct. 15.
Cooper, Harry G. (See Downer, C. P., and Cooper.)
Cooper, Leo M., Yonkers, N. Y. Uniform dress or the like. 123,145; Oct. 15.
Cooper, Leo M., Yonkers, N. Y. Uniform dress or the like. 123,146; Oct. 15.
Cooper, Leo M., Yonkers, N. Y. Uniform dress or the like. 123,147; Oct. 15.
Cooper, Leo M., Yonkers, N. Y. Uniform dress or the like. 123,148; Oct. 15.
Cooper, Leo M., Yonkers, N. Y. Uniform dress or the like. 123,149; Oct. 15.
Cooper, Leo M., Yonkers, N. Y. Uniform dress or the like. 123,150; Oct. 15.
Cooper Oven Thermometer Company, The. (See Whittier, Elmer S., assignor.)
Cooper Oven Thermometer Company. (See Whittier, Horace R., assignor.)
Cope, Raymond M., Chicago, Ill. Combined refrigerating and dispensing cabinet. 121,673; July 30.
Corbett, William J., assignor to The Sparks-Withington Company, Jackson, Mich. Signaling device. 120,749; May 28.
Corday, Paulette, New York, N. Y. Dress. 122,850; Oct. 1.
Cornelius, Richard T., Minneapolis, Minn. Faucet. 124,228; Dec. 24.
Cornelius, Victor W., Eastland, Tex. Combined napkin dispenser and display holder. 118,813; Feb. 6.
Corning Glass Works. (See Gardner, Paul V., assignor.)
Corning Glass Works. (See Guild, Lurelle, assignor.)
Corning Glass Works. (See Lissfelt, Harry L., assignor.)
Cornwall, Hamilton O., Pelham Manor, N. Y. Shaker for salt or pepper. 120,236; Apr. 30.
Cornwall, Hamilton O., Pelham Manor, N. Y. Dinner bell. 120,255; Apr. 30.
Coro-Gram, Inc. (See Verrecchio, Gene, assignor.)
Corry-Jamestown Manufacturing Corporation. (See Nelson, M., Hultberg, and Dahl, assignors.)
Cosman, Edgar, New Bedford, Mass. Elastic fabric. 121,648; July 23.
Cosmetics Research Corporation. (See Benjamin, Samuel P., Jr., assignor.)
Coty, George, assignor to Florida Frostee Machine Company, Miami, Fla. Counter freezer. 122,159; Aug. 27.
Coty, Inc. (See Botham, Arthur R., assignor.)
Coty, Inc. (See Brooks, Herman L., assignor.)
Covert, Thomas D., Meridian, Miss. Combined calendar and appointment indicator. 121,892; Aug. 13.
Cowen, Rawson R., Waban, assignor to New Jersey Rubber Company, Taunton, Mass. Rubber shoe sole. 123,586; Nov. 19.
Cowen, Rawson R., Waban, assignor to New Jersey Rubber Company, Taunton, Mass. Rubber shoe sole. 124,229; Dec. 24.
Cox, Marshall W., Stow, Mass. Toy figure. 122,659; Sept. 24.
Cozzens, Charles O., assignor to American Optical Company, Southbridge, Mass. Spectacle front. 121,564; July 23.
Crabbe, Lindsay T., assignor to Phoenix Metal Cap Co., Inc., Chicago, Ill. Cap for containers. 121,065; June 18.

Craighead, John R., Denver, Colo. Belting for personal wear or similar article. 121,455; July 5.
Craighead, John R., Denver, Colo. Scarf holder. 123,077; Oct. 15.
Cramer, Jesse F. (See Cramer, Roy A. and J. F.)
Cramer, Ludwig F., Minneapolis, Minn., and V. R. Lawson, Wollaston, Mass.; said Lawson assignor to Maurice H. Glassman, Inc., Boston, Mass. Fur beater. 119,977; Apr. 16.
Cramer, Roy A., Kansas City, Mo. Chair. 123,259; Oct. 29.
Cramer, Roy A. and J. F., Kansas City, Mo. Posture chair. 120,215; Apr. 30.
Cramer, Roy A. and J. F., Kansas City, Mo. Posture chair. 120,375; May 7.
Cramer, Roy A. and J. F., Kansas City, Mo. High model foot platform chair. 123,106; Oct. 15.
Cranberry Canners, Inc. (See Urann, Marcus L., assignor.)
Crane Co. (See Enthof, Edward W., assignor.)
Crane Co. (See Vanderberg, P. W., and Enthof, assignors.)
Crane Co. (See Van Sciver, Hugh R., assignor.)
Crate, Virginia H., Syracuse, assignor to Regal Paper Company, Inc., Pulaski, N. Y. Display carton or similar article. 123,635; Nov. 19.
Craven, Inez, Chicago, Ill. Flower box. 120,216; Apr. 30.
Cresca Company. (See Fontaine, A., and Haggander, assignors.)
Cret, Paul P., assignor to Edward G. Budd Mfg. Co., Philadelphia, Pa. Table or similar article. 119,609; Mar. 26.
Crimmins, William C., assignor to Delta Electric Company, Marion, Ind. Lamp. 118,553; Jan. 16.
Critoph, David I., assignor to Spencer Lens Company, Buffalo, N. Y. Illuminating device for instruments. 121,294; July 2.
Critoph, David I., assignor to Spencer Lens Company, Buffalo, N. Y. Illuminating device for instruments. 121,585; July 23.
Croizat, Madeleine, New York, N. Y. Dress. 118,766; Jan. 30.
Croizat, Madeleine, New York, N. Y. Dress or similar article. 124,060; Dec. 17.
Croizat, Madeleine, New York, N. Y. Dress. 124,095; Dec. 17.
Croizat, Madeleine, New York, N. Y. Dress or similar article. 124,145; Dec. 17.
Crompton, Abraham A., Uttoxeter, England. Nail file. 123,291; Oct. 29.
Crone, Pliney M., Kansas City, Mo. Directional signal lamp. 121,058; June 11.
Cronwell, Bert G., San Francisco, Calif. Desk unit. 120,725; May 28.
Crosby, John J., assignor to Treo Products Corporation, Seattle, Wash. Combined toothbrush and tongue cleaner. 122,815; Oct. 1.
Crosman, Loring P., Maplewood, assignor to Monroe Calculating Machine Company, Orange, N. J. Operating handle for listing machines. 118,469; Jan. 9.
Crossley, Frank, Philadelphia, Pa. Holder for garbage cans. 120,858; June 4.
Crowell, Alan W., Longmeadow, F. L. Merritt, West Springfield, and K. H. Pond, Longmeadow, Mass. Calculator or similar article. 123,305; Oct. 29.
Crowley, Daniel J. (See Punke, John J., assignor.)
Crowley, Daniel J., Grosse Pointe, Mich. Combined lamp and radio receiving set. 120,907; June 4.
Crowley, Daniel J., Grosse Pointe, Mich. Combined lamp and radio receiving set. 120,908; June 4.
Crowley, Daniel J., Grosse Pointe, Mich. Combined lamp and radio receiving set. 121,271; July 2.
Crowley, Daniel J., Grosse Pointe, Mich. Combined lamp and radio receiving set. 122,836; Oct. 1.
Crowley, Daniel J., Grosse Pointe, Mich. Combined lamp, table, and radio receiving set. 123,098; Oct. 15.
Crowley, Edward F., New York, N. Y. Chair or the like. 119,610; Mar. 26.
Crown Cork & Seal Company, Inc. (See Cooke, Giles B., assignor.)
Crown Fastener Corporation. (See Clark, John B., assignor.)
Crown Stove Works. (See Rogers, John C., assignor.)
Cruze, Charles, Los Angeles, and A. G. Babo, South Pasadena, Calif. Combined game chip rack and ash tray or the like. 123,690; Nov. 26.
Cubert, Joseph R., assignor to Aurex Corporation, Chicago, Ill. Portable electric sound transmitter. 121,272; July 2.
Cummings, Israel, New York, N. Y. Textile fabric. 119,954; Apr. 16.
Cummings, Israel, New York, N. Y. Textile fabric. 119,994; Apr. 16.
Cummings, Israel, New York, N. Y. Textile fabric. 119,995; Apr. 16.
Cummings, Israel, New York, N. Y. Textile fabric. 120,183; Apr. 23.
Cummings, Israel, New York, N. Y. Textile fabric. 120,777; May 28.
Cummings, Israel, New York, N. Y. Textile fabric. 120,778; May 28.
Cummings, Israel, New York, N. Y. Textile fabric. 120,954; June 4.
Cummings, Israel, New York, N. Y. Textile fabric. 120,987; June 11.
Cummings, Israel, New York, N. Y. Textile fabric. 121,090; June 18.
Cummings, Israel, New York, N. Y. Textile fabric. 121,346; July 2.
Cummings, Israel, New York, N. Y. Textile fabric. 121,347; July 2.
Cummings, Israel, New York, N. Y. Textile fabric. 122,191; Aug. 27.
Cummings, Israel, New York, N. Y. Textile fabric. 123,360; Oct. 29.
Cummings, Israel, New York, N. Y. Textile fabric. 124,441; Dec. 31.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 121,867; Aug. 13.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 122,389; Sept. 10.
Cunningham, Vincent. (See Nielsen, E., Mross, and Cunningham.)
Curry, Claude D. (See Morse, B. W., and Curry.)
Curtis, Alfred A., assignor to The Lima Cord Sole and Heel Company, Lima, Ohio. Shoe sole. 120,118; Apr. 23.
Curtis, George H., Melrose, assignor to Heinze Electric Corporation, Lowell, Mass. Signal horn unit or similar article. 122,160; Aug. 27.
Curtis, Kenneth, Chicago, Ill. Bait pennant. 123,498; Nov. 12.
Curtis, Kenneth, Winnetka, Ill., assignor to Eger Bait Manufacturing Company, Bartow, Fla. Fish bait. 120,988; June 11.
Curtis & Marble Machine Company. (See Remington, Leland F., assignor.)
Curtiss, George E., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. 122,770; Oct. 1.
Cusumano, Frank, New York, N. Y. Bracelet or similar article. 118,403; Jan. 2.
Cusumano, Frank, New York, N. Y. Necklace or similar article. 118,404; Jan. 2.
Cutler, Benjamin, Brooklyn, assignor to Irving Stempel & Co., Inc., New York, N. Y. Dress or similar article. 120,400; May 7.
Cutler, David R., Braintree, Mass. Shoe sole. 123,653; Nov. 19.
Cutler, Elizabeth, New York, N. Y. Dress. 119,718; Mar. 26.
Cutler, Elizabeth, New York, N. Y. Dress. 119,719; Mar. 26.
Cutler, Elizabeth, New York, N. Y. Dress and slip ensemble. 120,040; Apr. 16.
Cutler, Elizabeth, New York, N. Y. Dress ensemble. 121,227; June 25.
Cutler, Elizabeth, New York, N. Y. Dress. 121,528; July 16.
Cutler, Elizabeth, New York, N. Y. Dress. 123,234; Oct. 22.
Cutler-Hammer, Inc. (See Meuer, George J., assignor.)
Cutler-Hammer, Inc. (See Stevens, Clifford B., assignor.)
Cutler, Herman Z., Camden, N. J. Automotive vehicle. 121,185; June 25.
Czapski, Felix (also known as Felix C. Bonnet), Chicago, Ill. Portable service bar. 122,432; Sept. 10.
Daché, Lilly, New York, N. Y. Hat. 120,803; May 28.
D'Addario, Thomas, Astoria, assignor to Starman Syphon Manufacturing Co., Inc., Brooklyn, N. Y. Dispenser for liquids, or similar article. 119,739; Apr. 2.
D'Addario, Thomas, New York, N. Y., assignor to Tahiti Corporation, Richmond, Va. Bottle or similar article. 120,663; May 21.
Dahl, Herbert. (See Nelson, M., Hultberg, and Dahl.)
Dahlberg, Carl, Duluth, Minn. Garment cleaning unit. 120,481; May 14.
Dahlstrom, John A., Bay Village, assignor to Perfection Stove Company, Cleveland, Ohio. Cooking stove. 121,384; July 9.
Dailey, Donald. (See Van Doren, H., Dailey, and Geiger.)
Dailey, Donald E. (See Van Doren, H. L., and Dailey.)
Dailey, Donald E., and H. Van Doren, Toledo, Ohio, assignors to Philco Refrigerator Company, Philadelphia, Pa. Refrigerator cabinet. 118,814; Feb. 6.
Daily, John L., Johnstown, Pa. Scaffold jack or the like. 123,160; Oct. 22.
Daily, William J. (See Schillace, A., and Daily.)
Dallas, Ronald H., Southgate, Calif. Bottle. 119,801; Apr. 2.
Daly, John J., assignor to Dalynip Pourer Corporation, New York, N. Y. Bottle pourer. 119,302; Mar. 5.
Dalynip Pourer Corporation. (See Daly, John J., assignor.)
D'Amato, Sadye R., Jackson Heights, N. Y. Slip or similar article. 123,951; Dec. 10.
D'Amato, Sadye R., Jackson Heights, N. Y. Slip or similar article. 123,952; Dec. 10.
D'Andrea, Luigi, Corona, N. Y. Musical case or similar article. 119,025; Feb. 13.
Daneke, William, Linden, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Pencil. 123,078; Oct. 15.
Daniels, Ernest M., assignor to The U. S. Shoe Corporation, Cincinnati, Ohio. Shoe sole. 120,217; Apr. 30.
Daniels, Evelyn, San Francisco, Calif. Coat hanger. 122,390; Sept. 10.

Dannecker, Rudolph, Beacon, N. Y. Lace. 121,186; June 25.
Dannecker, Rudolph, Beacon, N. Y. Lace. 123,384; Nov. 5.
D'Arcy, James, Oakland, Calif. Serving basket. 119,955; Apr. 16.
Dardess, Richard, Chatham, N. Y. Table radio. 118,495; Jan. 9.
Dardess, Richard, Chatham, N. Y. Table radio. 122,480; Sept. 10.
Darling, Harry R., Rochester, N. Y. Shutter casing for cameras. 119,256; Mar. 5.
Darnell, Charles, New York, N. Y. Dress ensemble. 123,731; Nov. 26.
Darrin, Howard A., Brentwood, Calif. Automobile. 120,482; May 14.
Darrow, Isobel, assignor to Pacific Clay Products, Los Angeles, Calif. Cup or similar article. 121,156; June 25.
Dart, Margaret E., Sarasota, Fla. Hair ornament or the like. 122,938; Oct. 8.
Davart Incorporated. (See Scheidacker, Hans T., assignor.)
Davenport, Lloyd J., Kearny, N. J., assignor to Paul E. Flato, New York, N. Y. Lipstick container or similar article. 120,664; May 21.
Davenport, Talmon A., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Vehicle wheel. 118,850; Feb. 6.
Davies, Harry, Chicago, Ill. Ash tray. 120,256; Apr. 30.
Davis, Caroline G., New York, N. Y. Slacks. 124,246; Dec. 24.
Davis, Charles R., Rochester, N. Y. Theft, fire, and water proof safe or similar article. 118,366; Jan. 2.
Davis, Endell D., Silver City, N. Mex. Building. 119,740; Apr. 2.
Davis, G. W., Corporation. (See Davis, George W., assignor.)
Davis, George W., assignor to G. W. Davis Corporation, Richmond, Ind. Lawn mower handle. 121,868; Aug. 13.
Davis, Gifford D. (See Rockwood, Earl L., assignor.)
Davis, Harry S., Minneapolis, Minn. Lighting fixture. 124,018; Dec. 17.
Davis, Horace W., assignor to Eaton Paper Corporation, Pittsfield, Mass. Envelope. 119,449; Mar. 12.
Davis, Joseph. (See Stampleman, J., and J. Davis.)
Davis, Julius M., Sylacauga, Ala. Tooth brush. 121,506; July 16.
Davis, Louis, New York, N. Y. Dress. 120,321; Apr. 30.
Davis, Malcolm I., New Haven, assignor to The Ansonia Electrical Company, Ansonia, Conn. Combined electric push button and escutcheon plate. 121,273; July 2.
Davis, McKinney G. (See Holden, Lillian and De Hibbs, assignors.)
Davis, Percy W., assignor to Simplex Electric Company, Limited, Broadwell, Oldbury, England. Handle for an electric laundering iron. 121,631; July 23.
Davis, Percy W., assignor to Simplex Electric Company Limited, Broadwell, Oldbury, England. Sadiron cover. 122,285; Sept. 3.
Dawer, Sigmund, New York, N. Y. Handbag. 120,237; Apr. 30.
Dawson, Curtis W., Kansas City, Mo., assignor to Universal Button Fastening & Button Company, Detroit, Mich. Button. 124,247; Dec. 24.
Day, Wilbur M., Norwood, assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 122,816; Oct. 1.
Day, Wilbur M., Norwood, assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 122,918; Oct. 8.
Day, Wilbur M., Norwood, assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 122,919; Oct. 8.
Day, Wilbur M., Norwood, assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 122,920; Oct. 8.
Day-Brite Lighting, Inc. (See Biller, David J., assignor.)
Dazey Churn & Manufacturing Company. (See Reinecke, Jean, O., assignor.)
Dazian's Incorporated. (See Green, Frank C., assignor.)
Deaderick, Robert H., Jacksonville, Fla. Game board. 118,694; Jan. 30.
Dean, Arthur F., Winnetka, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricant dispensing apparatus. 121,187; June 25.
De Aragon, Joseph M. (See Blanco, L. F., and De Aragon.)
Debusschere, Emile, Ardoye, Belgium, assignor to Henri Bendel, Inc., New York, N. Y. Slipper. 119,741; Apr. 2.
Debusschere, Emile, Ardoye, Belgium, assignor to Henri Bendel, Inc., New York, N. Y. Slipper. 119,742; Apr. 2.
De Cesare, Anthony L., Astoria, Long Island, N. Y. Combination automobile body and fender tool. 123,184; Oct. 22.
Decker, Louise, New York, N. Y. Dress. 118,767; Jan. 30.
Decker, Louise, New York, N. Y. Dress. 120,041; Apr. 16.
Decker, Stiles M., and N. H. Beard, Houston, Tex. Badge, or similar article. 121,385; July 9.
Decorated Metal Manufacturing Company. (See Atwood, George D., assignor.)
Deerf, Ada, Brooklyn, N. Y. Combination kitchen tool. 120,613; May 21.
Deering-Milliken & Co. (See Musson, Stephen B., assignor.)
De'Giovanni, Frank, San Francisco, Calif. Toy. 119,611; Mar. 26.
De Haven, Thomas V., Rochester, N. Y. Film projector. 119,488; Mar. 19.
De Hibbs, Cassell. (See Holden, Lillian and De Hibbs.)
De Hoffmann, Alexander C., New York, N. Y. Motor vehicle bumper guard. 118,496; Jan. 9.
Deja, Bruno, Brooklyn, N. Y. Shoe rack. 121,112; June 18.
Dekarski, August, Minneapolis, Minn. Holder for condiments or the like. 119,084; Feb. 20.
Delaware, Lackawanna & Western Coal Company, The. (See Burnside, Lewis N., assignor.)
Deletzke, Norman E. H., Chicago, Ill., assignor to Cherry-Burrell Corporation, Wilmington, Del. Milk bottle. 119,303; Mar. 5.
Delman, Herman B., New York, N. Y. Sandal. 118,616; Jan. 23.
Delman, Herman B., New York, N. Y. Sandal. 118,617; Jan. 23.
Delman, Herman B., New York, N. Y. Shoe. 120,500; May 14.
Delphos Bending Company, The. (See Peltier, Leslie, assignor.)
Del Re, Angelo, Brooklyn, N. Y. Coat. 123,953; Dec. 10.
Del Re, Angelo, Brooklyn, N. Y. Coat. 123,954; Dec. 10.
Delta Electric Company. (See Crimmins, William C., assignor.)
Delzell, Harold W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire. 122,391; Sept. 10.
De Moreau, Jack M., New York, N. Y. Rug or similar article. 122,192; Aug. 27.
Dempster Mill Manufacturing Company. (See Loeber, Herman M., assignor.)
Demuth, Charles, Jamaica, N. Y. Air conditioning register or similar article. 118,851; Feb. 6.
De Pasquale, Sabina, New York, N. Y. Dress. 119,238; Feb. 27.
De Pasquale, Sabina, New York, N. Y. Dress ensemble. 119,357; Mar. 5.
De Pasquale, Sabina, New York, N. Y. Dress ensemble. 119,663; Mar. 26.
De Pasquale, Sabina, New York, N. Y. Dress. 119,903; Apr. 9.
De Pasquale, Sabina, New York, N. Y. Dress. 119,904; Apr. 9.
De Pasquale, Sabina, New York, N. Y. Dress. 120,029; Apr. 16.
De Pasquale, Sabina, New York, N. Y. Dress. 120,086; Apr. 16.
De Pasquale, Sabina, New York, N. Y. Coat. 120,779; May 28.
De Pasquale, Sabina, Flushing, N. Y. Dress. 123,612; Nov. 19.
De Pasquale, Sabina, Flushing, N. Y. Dress or similar article. 123,713; Nov. 26.
De Pasquale, Sabina, Flushing, Long Island, N. Y. Dress. 123,732; Nov. 26.
De Pasquale, Sabina, Flushing, N. Y. Dress. 123,955; Dec. 10.
De Pasquale, Sabina, Flushing, N. Y. Dress ensemble. 124,172; Dec. 24.
De Pasquale, Sabina, Flushing, N. Y. Dress or similar article. 124,292; Dec. 24.
De Pasquale, Sabina, Flushing, N. Y. Dress ensemble. 124,442; Dec. 31.
De Postels, Gertrude, assignor to Benjamin Wolf Co., Inc., New York, N. Y. Scarf. 123,544; Nov. 12.
De Puy, Charles T., assignor to Trimble Nurseryland Furniture, Inc., Rochester, N. Y. Baby walker. 119,382; Mar. 12.
De Requesens, Joseph A. N., assignor of one-half to F. Lozano, New York, N. Y. Hair-cutting scissors. 123,079; Oct. 15.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 124,019; Dec. 17.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 124,020; Dec. 17.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 124,061; Dec. 17.
Dermetics, Inc. (See Korda, Eugene J., assignor.)
De Roo, William C., assignor to Hart & Cooley Manufacturing Company, Holland, Mich. Draft regulator for furnaces. 123,185; Oct. 22.
De Roos, Andrew, San Leandro, Calif. Garment hook. 121,488; July 16.
Deskey, Donald, assignor to Northam Warren Corporation, New York, N. Y. Jar. 120,167; Apr. 23.
Deskey, Donald, New York, N. Y., assignor to Northam Warren Corporation, Stamford, Conn. Bottle. 123,903; Dec. 10.
Desser, Michael S., assignor to Kimble Glass Company, Vineland, N. J. Towel bar bracket. 120,972; June 11.
De Vilbiss Company, The. (See Ditch, Franklin D., assignor.)

De Vilbiss Company, The. (See Eastman, Ivan L., assignor.)
De Vilbiss Company, The. (See Potter, Russell L., assignor.
De Vilbiss Company, The. (See Roselund, Harold A., assignor.)
De Vilbiss Company, The. (See Schmitt, Joy B., assignor.)
De Vilbiss Company, The. (See Vuillemenot, Frederic A., assignor.)
Devine, Harry C., Jr. (See Summerour, M. A., and Devine.)
Devitz, William, New York, N. Y. Coat. 123,722; Nov. 26.
Devitz, William, New York, N. Y. Coat. 123,723; Nov. 26.
Devor, Don S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Automobile bumper or similar article. 121,066; June 18.
De Vries, Andrew. (See Winkler, F. C., and De Vries.)
De Ware, Charles A., College Station, Tex. Hip protector. 123,956; Dec. 10.
Dewsbury, William O., Freehold, N. J., assignor to A. & M. Karagheusian, Inc., New York, N. Y. Textile floor covering or similar article. 120,665; May 21.
Dewsbury, William O., Freehold, N. J., assignor to A. & M. Karagheusian, Inc., New York, N. Y. Textile floor covering or similar article. 120,702; May 21.
Dewsbury, William O., Freehold, N. J., assignor to A. & M. Karagheusian, Inc., New York, N. Y. Carpet or similar article. 120,832; May 28.
Dewsbury, William O., Freehold, N. J., assignor to A. & M. Karagheusian, Inc., New York, N. Y. Textile floor covering or similar article. 124,306; Dec. 31.
Dieselair Corporation. (See Dressler, Adolph C., assignor.)
Dick, Samuel H., New York, N. Y. Coat. 121,649; July 23.
Dick, Talbert M., as trustee. (See Fletcher, Maurice J., assignor.)
Dickey, Roy N., Seattle, Wash. Combined pancake and waffle iron. 122,260; Sept. 3.
Dickman, Leonard L., Los Angeles, Calif. Deck of cards. 123,429; Nov. 5.
Dictaphone Corporation. (See Feyrer, William F., assignor.)
Dictograph Products Company. (See Stolzenberger, Adam, Jr., assignor.)
Diesbach, Fritz G., et al., trustees. (See Waechter, Harry J., assignor.)
Di Gangi, Gladys B., Elmhurst, assignor to The Barbizon Corporation, New York, N. Y. Textile fabric. 119,930; Apr. 16.
Diller, Alvin L. (See L'Hollier, L. H., and Diller.)
Dimick, Stephen W., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Pistol. 121,317; July 2.
Di Montelera, Theo R., Turin, Italy. Beverage tumbler or the like. 119,257; Mar. 5.
Diodati, Amedeo, assignor to Marine Optical Mfg. Co., Roslindale, Mass. Pair of sunglasses or the like. 122,080; Aug. 20.
Dioguardi, Frances, New York, N. Y. Dress. 121,113; June 18.
Dion, Edward, New Bedford, Mass. Drill point sharpener. 119,179; Feb. 27.
Distilled Liquors Corporation. (See Wilmet, Georges, assignor.)
Ditch, Franklin D., assignor to The De Vilbiss Company, Toledo, Ohio. Air compressing unit. 118,852; Feb. 6.
Di Verdura, Fulco, assignor to P. E. Flato, New York, N. Y. Cuff link or similar article. 120,429; May 7.
Di Verdura, Falco, assignor to Parfums Schiaparelli Inc., New York, N. Y. Combined perfume container and pendant. 123,646; Nov. 19.
Dixon, Joseph, Crucible Company. (See Daneke, William, assignor.)
Doane, Leroy C., assignor to The Doane Products Corporation, Meriden, Conn. Ceiling lighting fixture. 123,048; Oct. 15.
Doane, Leroy C., assignor to The Doane Products Corporation, Meriden, Conn. Pendent lighting fixture. 123,049; Oct. 15.
Doane Products Corporation, The. (See Doane, Leroy C., assignor.)
Dobben, John F., assignor to J. B. Judkins Company, Merrimac, Mass. Restaurant building or similar article. 123,220; Oct. 22.
Doctor Dress Co. (See Geller, Mary, assignor.)
Doctor, Isidor, Chicago, Ill. Dress. 122,736; Sept. 24.
Doctor, Isidor, Chicago, Ill. Dress. 122,976; Oct. 8.
Doctor, Isidor, Chicago, Ill. Dress. 123,026; Oct. 8.
Doebrich, Albert F., Buffalo, N. Y. Spectacles. 121,893; Aug. 13.
Doesburg, Marguerite, Chicago, Ill. Child's sleeping garment. 122,863; Oct. 1.
Doft, Max, Lawrence, N. Y., assignor to Princeton Knitting Mills, Incorporated. Knitted textile fabric or similar article. 120,376; May 7.
Doi, Bert T., South Pasadena, Calif. Dirigible plane. 121,784; Aug. 6.
Dolgorukov, Gregory S., Detroit, Mich. Combined book end and pencil holder or similar article. 118,410; Jan. 2.
Dolgorukov, Gregory S., Detroit, Mich. Desk receptacle unit, for pencils, envelope openers, rulers, or the like. 118,411; Jan. 2.
Dolgorukov, Gregory S., Detroit, Mich. Envelope opener or similar article. 121,806; Aug. 6.
Dominion Electrical Manufacturing, Inc. (See Elsner, Virgil F., assignor.)
Dominion Electrical Manufacturing, Inc. (See Waltman, Chauncey E., assignor.)
Donaghy, Mary, New York, N. Y. Dress. 121,829; Aug. 6.
Donaghy, Mary, New York, N. Y. Dress ensemble. 121,830; Aug. 6.
Donahey, Robert F., Shaker Heights, Ohio. Burial vault. 121,137; June 18.
Donahue, Mary E., assignor to Angelica Jacket Company, St. Louis, Mo. Uniform. 122,974; Oct. 8.
Doner, Halbert C., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Mirror. 122,771; Oct. 1.
Doner, Halbert C., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Desk or the like. 123,933; Dec. 10.
Doner, Halbert C., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Hutch or the like. 123,934; Dec. 10.
Donnelly, Charles T., Culver City, Calif. Gas range cabinet. 118,768; Jan. 30.
Donner, Bela, New York, N. Y. Transparently topped rubber boot. 123,668; Nov. 26.
Doob, Oscar A., New York, N. Y. Badge or similar article. 122,009; Aug. 20.
Dopyera, Rudolph, Los Angeles, Calif. Perfume containing brooch. 121,609; July 23.
Dorée, Silvia, New York, N. Y. Bag or similar article. 118,430; Jan. 2.
Dorée, Silvia, New York, N. Y. Slipper or similar article. 118,695; Jan. 30.
Dorfman, Albert, New York, N. Y. Muff. 121,610; July 23.
Dorfman, Albert, New York, N. Y. Muff. 121,611; July 23.
Dorfman, Jerome J., New York, N. Y. Game device. 120,637; May 21.
Dorfman, Louise K., New York, N. Y. Game board. 121,919; Aug. 13.
Dormeyer, A. F., Mfg. Co. (See Feltman, E. G. and Harbaugh, assignors.)
Dorn, Marion, New York, N. Y. Scarf or similar article. 123,385; Nov. 5.
Dorn, Marion, New York, N. Y. Scarf or similar article. 123,386; Nov. 5.
Dorn, Marion, New York, N. Y. Scarf or similar article. 123,387; Nov. 5.
Dorn, Marion, New York, N. Y. Scarf or similar article. 123,545; Nov. 12.
Dornfest, Louis, New York, N. Y. Coat. 119,489; Mar. 19.
Dornier, Claude, assignor to Dornier-Werke G. m. b. H., Friedrichshafen-on-the-Bodensee, Germany. Flying boat hull. 123,161; Oct. 22.
Dornier-Werke G. m. b. H. (See Dornier, Claude, assignor.)
Dorsa Dresses, Inc. (See Recht, Bessie, assignor.)
Doty, Vern W., Buffalo, N. Y. Optician's fitting table. 123,751; Dec. 3.
Dotzler, Mark J., St. Louis, Mo. Golf-putting game device. 123,857; Dec. 10.
Doughty, Leon A., Glenside, Pa., assignor to Carlile & Doughty, Inc. Curb service battery truck. 120,393; May 7.
Douglas, Emma O., assignor to Harders Company, Ltd., Honolulu, Hawaii. Perfume bottle holder. 122,392; Sept. 10.
Douglas, Emma O., assignor to Harders Company, Limited, Honolulu, Hawaii. Combined perfume bottle and stopper therefor. 122,584; Sept. 17.
Dover, Samuel M., Chicago, Ill. Electric lamp unit. 119,085; Feb. 20.
Dow, Dewey M., F. H. Burmeister, and C. A. Lindberg, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 123,669; Nov. 26.
Dow, Dewey M., F. H. Burmeister, and C. A. Lindberg, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 123,670; Nov. 26.
Dow, Dewey M., F. H. Burmeister, and C. A. Lindberg, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Combined vacuum cleaner support and hose carrier. 123,671; Nov. 26.
Dow, Dewey M., F. H. Burmeister, and C. A. Lindberg, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Combined vacuum cleaner support and hose carrier. 123,672; Nov. 26.
Dow, Dewey M., F. H. Burmeister, and C. A. Lindberg, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 123,673; Nov. 26.
Dow, Dewey M., F. H. Burmeister, and C. A. Lindberg, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner base. 123,691; Nov. 26.
Downer, Charles P., Winchester, and H. G. Cooper, Medford, Mass., assignors to The Prosperity Company, Inc., Syracuse, N. Y. Combined buck and collar holder for a shoulder and yoke ironing press. 119,212; Feb. 27.
Downs, Marwood A., assignor to Ontario Manufacturing Company, Muncie, Ind. Spoon or other article of flatware. 120,459; May 7.

Downs, Marwood A., assignor to Ontario Manufacturing Company, Muncie, Ind. Spoon or other article of flatware. 121,990; Aug. 20.
Drachenberg, Richard, Grosse Pointe, Mich. Combined juice extractor and macerator. 118,470; Jan. 9.
Drake, Claud E., Brentwood, Mo. Merchandising display bracket. 120,879; June 4.
Drake, Frederick H., and J. E. Johanson, assignors to Aircraft Radio Corporation, Boonton, N. J. Rack for supporting an interchangeable radio transmitter unit. 123,587; Nov. 19.
Drake, Frederick H., and J. E. Johanson, assignors to Aircraft Radio Corporation, Boonton, N. J. Rack for supporting an interchangeable radio receiver unit. 123,588; Nov. 19.
Drake, Frederick H., and J. E. Johanson, assignors to Aircraft Radio Corporation, Boonton, N. J. Radio receiver. 124,269; Dec. 24.
Drake, Nancy V., Unionville, Mo. Salad mold. 121,507; July 16.
Dreitzer, Albert J., New York, N. Y., assignor to The Federal Glass Company, Columbus, Ohio. Glass jug or article of similar nature. 120,614; May 21.
Dreitzer, Albert J., assignor to Pitman-Dreitzer & Company, Inc., New York, N. Y. Glass tumbler or article of similar nature. 122,393; Sept. 10.
Dreitzer, Albert J., assignor to Pitman-Dreitzer & Company, Inc., New York, N. Y. Glass tumbler or article of similar nature. 123,858; Dec. 10.
Dressler, Adolph C., assignor to Dieselair Corporation, Miami, Okla. Head for internal combustion engine breather system. 119,194; Feb. 27.
Dreyfus, Adolphe, Mount Vernon, assignor to Ellen Lace & Embroidery Co. Inc., New York, N. Y. Lace. 121,037; Jan. 11.
Dreyfus, Adolphe, Mount Vernon, assignor to Ellen Lace & Embroidery Co. Inc., New York, N. Y. Lace. 121,038; June 11.
Dreyfus, Adolphe, Mount Vernon, assignor to Ellen Lace & Embroidery Co. Inc., New York, N. Y. Lace. 121,039; June 11.
Dreyfus, Adolphe, Mount Vernon, assignor to Ellen Lace & Embroidery Co. Inc., New York, N. Y. Lace. 121,040; June 11.
Dreyfuss, Henry. (See Payne, W. B., and Dreyfuss.)
Dreyfuss, Henry, New York, N. Y., assignor to The Hoover Company, North Canton, Ohio. Casing for a suction cleaner or similar article. 118,618; Jan. 23.
Dreyfuss, Henry, New York, N. Y., assignor to The Hoover Company, North Canton, Ohio. Casing for suction cleaners or similar articles. 119,383; Mar. 12.
Dreyfuss, Henry, New York, N. Y., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Washing machine. 119,490; Mar. 19.
Dreyfuss, Henry, New York, N. Y., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Washing machine. 119,543; Mar. 9.
Dreyfuss, Henry, New York, N. Y., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Wringer. 119,544; Mar. 19.
Dreyfuss, Henry, New York, N. Y., assignor to The Brown Instrument Company, Philadelphia, Pa. Casing for measuring instruments. 119,743; Apr. 2.
Dreyfuss, Henry, New York, N. Y., assignor to The Hoover Company, North Canton, Ohio. Casing for a suction cleaner or similar article. 120,726; May 28.
Dreyfuss, Henry, New York, assignor to General Aniline & Film Corporation, Binghamton, N. Y. Camera. 121,408; July 9.
Dreyfuss, Henry, assignor to American Export Airlines, Inc., New York, N. Y. Appliqué or similar article. 121,586; July 23.
Dreyfuss, Henry, assignor to American Export Airlines, Inc., New York, N. Y. Appliqué or similar article. 121,612; July 23.
Dreyfuss, Henry, New York N. Y., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Washing machine support. 122,261; Sept. 3.
Dreyfuss, Henry, New York, N. Y., assignor to Hygrade Sylvania Corporation, Salem, Mass. Fluorescent lamp fixture. 122,864; Oct. 1.
Dreyfuss, Henry, New York, N. Y., assignor to Hygrade Sylvania Corporation, Salem, Mass. Fluorescent lamp fixture. 123,757; Dec. 3.
Dreyfuss, Henry, New York, N. Y., assignor to Eversharp, Inc., Chicago, Ill. Mechanical pencil or similar article. 124,230; Dec. 24.
Dreyfuss, Henry, New York, N. Y., assignor to Eversharp, Inc., Chicago, Ill. Mechanical pencil or similar article. 124,248; Dec. 24.
Driver, Wilbur B., East Orange, N. J. Mail box. 118,696; Jan. 30.
Drotning, Henry O., assignor to Eastman Kodak Company, Rochester, N. Y. Camera. 119,931; Apr. 16.
Druckenmiller, Joseph E., Ardsley, Pa. Door frame. 119,744; Apr. 2.
Druding, Bertha. (See Rothenbush, Ray E., assignor.)
Du Barry Novelty Co. (See Rappaport, Jerry, assignor.)
Dudley Lock Corporation. (See Ressinger, Paul, assignor.)
Dudley, P. R. (See Utter, Harold O., assignor.)
Dudley, Roy A., and H. M. Jones, Huntington, W. Va., assignors to Empire Ironer, Inc., Cincinnati, Ohio. Ironer. 124,307; Dec. 31.
Duey, Harold P., Los Angeles, Calif. Tooth brush. 122,135; Aug. 27.
Duey, Harold P., Los Angeles, Calif. Toothbrush. 123,388; Nov. 5.
Dufault, Homer D., Easthampton, assignor to Holyoke Heater Company, Holyoke, Mass. Casing for a water heater or the like. 119,844; Apr. 9.
Du Mais, Leo J., Chicago, Ill. Combined coaster and ash tray. 121,114; June 18.
Dunberg, David W., New York, N. Y. Combined bar service stand, tray and bottles. 120,430; May 7.
Dunberg, David W., New York, N. Y. Knitting kit. 122,010; Aug. 20.
Dunberg, David W., New York, N. Y. Novelty miniature bar. 122,262; Sept. 3.
Dunberg, David W., New York, N. Y. Combined lighter and cigarette and cigar container. 123,050; Oct. 15.
Duncan, Irene N. and R. C., Whittier, Calif. Beauty parlor chair. 121,587; July 23.
Duncan & Miller Glass Company. (See May, Robert A., assignor.)
Duncan, Robert, assignor to Federal Electric Company, Inc., Chicago, Ill. Combined siren and lamp. 119,491; Mar. 19.
Duncan, Roswell C. (See Duncan, Irene N. and R. C.)
Dunkelsberg, Samuel, New York, N. Y. Spectacle front. 123,859; Dec. 10.
Dunlap, Margaret B., Lubbock, Tex. Clothes hanger. 123,389; Nov. 5.
Dunlap, Margaret B., Lubbock, Tex. Clothes hanger. 123,390; Nov. 5.
Dunlap, Margaret B., Lubbock, Tex. Clothes hanger. 123,391; Nov. 5.
Dunlap, Margaret B., Lubbock, Tex. Clothes hanger. 123,392; Nov. 5.
Dunlap, Margaret B., Lubbock, Tex. Clothes hanger. 123,393; Nov. 5.
Dunlap, Margaret B., Lubbock, Tex. Clothes hanger. 123,394; Nov. 5.
Dunlap, Margaret B., Lubbock, Tex. Clothes hanger. 123,395; Nov. 5.
Dunlap, Margaret B., Lubbock, Tex. Clothes hanger. 123,396; Nov. 5.
Dunlap, Margaret B., Lubbock, Tex. Clothes hanger. 123,397; Nov. 5.
Dunlap, Margaret B., Lubbock, Tex. Clothes hanger. 123,398; Nov. 5.
Dunn, William G., Clarinda, Iowa. Combined golf course sign and rack. 122,660; Sept. 24.
Dunn, William L., assignor to Belmont Radio Corporation, Chicago, Ill. Finger operated member for control apparatus. 119,316; Mar. 5.
Dunnock, John L., assignor to Swindell Brothers, Incorporated, Baltimore, Md. Bottle. 120,804; May 28.
Du Pont, E. I., de Nemours & Company. (See Hastings, Frederick E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Kahn, Julius, assignor.)
Du Pont, E. I., de Nemours & Company. (See Kahn, Lester, assignor.)
Du Pree, Ernest L., Douglaston, Long Island, assignor to Schenley Distillers Corporation, New York, N. Y. Bottle. 118,593; Jan. 16.
Du Pree, Ernest L., Douglaston, Long Island, assignor to Schenley Distillers Corporation, New York, N. Y. Bottle. 121,367; July 9.
Du Pree, Ernest L., Douglaston, Long Island, assignor to Schenley Distillers Corporation, New York, N. Y. Bottle. 121,368; July 9.
Du Pree, Ernest L., Douglaston, Long Island, assignor to Schenley Distillers Corporation, New York, N. Y. Bottle. 121,369; July 9.
Durant, Lyndon A. (See Williams, H. E., and Durant.)
Durin, John, Beverly Hills., Calif. Combined dental tube squeezer and brush holder. 122,263; Sept. 3.
Durning, James P. (See Wheeler, H. H., and Durning.)
Duro Metal Products Company. (See Sandy, William A., assignor.)
Dyches, Kenneth C., Buffalo Ridge, Va. Desk or the like. 118,637; Jan. 23.
Dyer, Katherine E. (See Fisk, H. E., and Dyer.)
Dyke, Herbert G., New York, N. Y. Ash tray or similar article. 120,168; Apr. 23.
Dykema, Clarence H., Manchester, Vt. Cracker or similar food product. 124,308; Dec. 31.
Eachus, Iredell, Wayne, assignor to Macbeth Arc Lamp Company, Philadelphia, Pa. Photographic arc lamp or similar article. 118,853; Feb. 6.
Eagle Pencil Company. (See Hanle, Benjamin W., assignor.)
Eagle Pencil Company. (See Ponath, William O., assignor.)
Eagle Pencil Company. (See Saulsbury, Lawrence W., assignor.)
Earl, Paul D., New York, N. Y. Shoe or similar article. 118,471; Jan. 9.
Earl, Paul D., New York, N. Y. Slipper or similar article. 121,157; June 25.
Earl, Paul D., New York, N. Y. Slipper or similar article. 121,158; June 25.
Earnshaw, Walter L., Hollywood, Calif. Seed envelope. 118,497; Jan. 9.
East, James V., Longmeadow, Mass., assignor to A. G. Spalding & Bros. Inc., New York, N. Y. Golf club head. 121,434; July 9.

Eastman, Ivan L., assignor to The De Vilbiss Company, Toledo, Ohio. Air compressing unit. 122,458; Sept. 10.
Eastman, Ivan L., assignor to The De Vilbiss Company, Toledo, Ohio. Air compressing unit. 122,459; Sept. 10.
Eastman Kodak Company. (See Drotning, Henry O., assignor.)
Eastman Kodak Company. (See Gillon, John W., assignor.)
Eastman Kodak Company. (See Hopkins, Roy S., assignor.)
Eastman Kodak Company. (See McCarthy, George L., assignor.)
Eastman Kodak Company. (See Merriman, W. E., and Wellman, assignors.)
Eastman Kodak Company. (See Mihalyi, Joseph, assignor.)
Eastman Kodak Company. (See Schubert, Alvin E., assignor.)
Eastman Kodak Company. (See Tucker, Stephen M., assignor.)
Eastman Kodak Company. (See Wellman, Howard C., assignor.)
Easy Washing Machine Corporation. (See Litle, Thomas J., Jr., assignor.)
Eaton Manufacturing Company. (See Lippitt, George R., assignor.)
Eaton Paper Corporation. (See Davis, Horace W., assignor.)
Ebel, William K., Kingsville, assignor to The Glenn L. Martin Company, Baltimore, Md. Airplane. 120,909; June 4.
Eberhard Faber Pencil Co. (See Zoll, Henry, assignor.)
Ebling, Walter, New York, N. Y. Skating shoe with skate attached thereto. 122,837; Oct. 1.
Eckhardt, Levi H. (See Behrman, A. H., Eckhardt, and Avers.)
Eckart, Charles G. (See Wood, Chas. F., assignor.)
Eckland, Everett B., Oak Park, Ill., assignor to Mills Novelty Company, Chicago, Ill. Cabinet for sound picture machine or the like. 123,473; Nov. 12.
Eclipse Lawn Mower Company, The. (See Roth, Lester B., assignor.)
Edelstein, David, Brooklyn, N. Y. Lace trimming or similar article. 123,080; Oct. 15.
Edelstein, David, Brooklyn, N. Y. Lace trimming or similar article. 123,081; Oct. 15.
Edelstein, David, Brooklyn, N. Y. Lace or similar article. 123,613; Nov. 19.
Edelstein, Hyman M., Jersey City, N. J. Slipper. 118,489; Jan. 9.
Edelstein, Hyman M., Jersey City, N. J. Slipper. 118,720; Jan. 30.
Eden, Harold W., assignor to Triple-A-Specialty Company, Chicago, Ill. Battery cable terminal. 123,589; Nov. 19.
Edens, Henry N., assignor to Stover Manufacturing & Engine Co., Freeport, Ill. Windmill. 122,433; Sept. 10.
Ederle, Gertrude, Flushing, N. Y. Doll. 123,306; Oct. 29.
Edison, Thomas A., Incorporated. (See Braun, Gustav F., assignor.)
Edison, Thomas A., Incorporated. (See La Forest, Louis Z., assignor.)
Edison, Thomas A., Incorporated. (See Thompson, Edward C., assignor.)
Edson, Bert, Pawtucket, R. I. Lace. 118,367; Jan. 2.
Edson, Bert, Pawtucket, R. I. Lace. 118,657; Jan. 23.
Edson, Bert, Pawtucket, R. I. Lace. 123,474; Nov. 12.
Edson, Bert, Pawtucket, R. I. Lace. 123,475; Nov. 12.
Edson, Bert, Pawtucket, R. I. Lace. 123,476; Nov. 12.
Edson, Bert, Pawtucket, R. I. Lace. 124,293; Dec. 24.
Edson, Bert, Pawtucket, R. I. Lace. 124,383; Dec. 31.
Edson, Bert, Pawtucket, R. I., assignor to New England Lace Mills Inc., New York, N. Y. Lace. 118,368; Jan. 2.
Edson, Enid, assignor to Shulton, Inc., New York, N. Y. Toilet accessories container. 123,674; Nov. 26.
Edwards and Company. (See Guild, Lurelle V. A., assignor.)
Edwards Iron Works, Incorporated. (See Edwards, William H., assignor.)
Edwards, William H., assignor to Edwards Iron Works, Incorporated, South Bend, Ind. Light delivery truck body. 120,666; May 21.
Eger Bait Manufacturing Company. (See Curtis, Kenneth, assignor.)
Egerer, Egmont A., Great Neck, N. Y. Convertible handbag. 121,159; June 25.
Ehret, Clement, White Plains, N. Y. Stove. 124,062; Dec. 17.
Ehret, Clement, White Plains, N. Y. Stove. 124,063; Dec. 17.
Ehrlich, Rose, assignor to Lapin Products, Inc., New York, N. Y. Sunglasses. 124,270; Dec. 24.
Ehrlich, Rose, assignor to Lapin Products, Inc., New York, N. Y. Sunglasses. 124,271; Dec. 24.
Ehrlich, Rose, assignor to Lapin Products, Inc., New York, N. Y. Sunglasses. 124,272; Dec. 24.
Ehrlich, John C., Brooklyn, N. Y. Bottle cap. 124,384; Dec. 31.
Eidco, Incorporated. (See Hokanson, Martin, assignor.)
Einzig, Alfred A., Brooklyn, N. Y. Dental accessories container. 122,737; Sept. 24.
Ekstedt, Henry V., assignor to E. F. Pohl, St. Louis, Mo. Electric steaming iron. 122,634; Sept. 17.
Ekstrand, Ernest W., Los Angeles, Calif. Ashtray or similar article. 118,369; Jan. 2.
Elberty, Robert S., Jr. (See Hollengreen, M. A., Balsiger, Boller, and Elberty.)
Elder, Harry A., Chicago, Ill. Combined duck and rabbit toy. 120,339; May 7.
Electric Household Utilities Corporation. (See Gerhardt, Andrew H., assignor.)
Electric Neon Clock Company, The. (See Lewis, M. W., Johanson, and Pennell, assignors.)
Electric Service Supplies Company. (See Mankki, Onnie, assignor.)
Electrical Research Laboratories, Inc. (See Schnell, William J., assignor.)
Elgin, William W., Eugene, Oreg. Hosiery protector. 120,419; May 7.
Elite Glass Co. Inc. (See Levin, Irving, assignor.)
Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 118,927; Feb. 13.
Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 118,928; Feb. 13.
Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 119,492; Mar. 19.
Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 119,655; Mar. 26.
Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 123,590; Nov. 19.
Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 123,591; Nov. 19.
Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 123,592; Nov. 19.
Ellen Lace & Embroidery Co. Inc. (See Dreyfus, Adolphe, assignor.)
Ellenbogen, Margaret, New York, N. Y. Dress. 123,529; Nov. 12.
Ellerman, Harry F. (See Iwan, Arthur, assignor.)
Elliott, Harvey F., assignor to L. S. Wertz, Inc., Cleveland, Ohio. Guard for highway markings. 121,508; July 16.
Elliott, Harvey F., assignor to Louis S. Wertz, Inc., Cleveland, Ohio. Guard for highway markings. 122,055; Aug. 20.
Elliott, Harvey F., assignor to Louis S. Wertz., Inc., Cleveland, Ohio. Guard for highway markings. 122,056; Aug. 20.
Elmo, Sadie, New York, N. Y. Dress. 122,513; Sept. 10.
Elmo, Sadie, New York, N. Y. Dress. 122,514; Sept. 10.
Elmo, Sadie, New York, N. Y. Dress. 122,515; Sept. 10.
Elmo, Sadie, New York, N. Y. Dress. 122,531; Sept. 10.
Elser, William, Toledo, Ohio, assignor to Owens-Illinois Can Company, Wilmington, Del. Metal closure. 121,952; Aug. 13.
Elsner, Virgil F., Elmhurst, Ill., assignor to Dominion Electrical Manufacturing, Inc. Waffle iron or similar article. 121,386; July 9.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 118,658; Jan. 23.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 118,734; Jan. 30.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 118,966; Feb. 13.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 118,967; Feb. 13.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 118,968; Feb. 13.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 119,996; Apr. 16.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 119,997; Apr. 16.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 119,998; Apr. 16.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 119,999; Apr. 16.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 120,258; Apr. 30.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 120,259; Apr. 30.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 120,260; Apr. 30.
Elting, August O., Chicago, Ill. Lamp base. 120,401; May 7.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 120,402; May 7.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 120,545; May 14.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 120,546; May 14.
Elting, August O., Chicago, Ill. Lamp head. 120,727; May 28.
Elting, August O., Chicago, Ill. Lamp head. 120,728; May 28.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 123,860; Dec. 10.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 123,861; Dec. 10.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 123,862; Dec. 10.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 123,863; Dec. 10.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 123,864; Dec. 10.

Elting, August O., Chicago, Ill. Arm for lamp fixtures. 123,865; Dec. 10.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 123,866; Dec. 10.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 123,867; Dec. 10.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 123,868; Dec. 10.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 123,869; Dec. 10.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 123,870; Dec. 10.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 123,871; Dec. 10.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 123,872; Dec. 10.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 123,873; Dec. 10.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 123,874; Dec. 10.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 123,875; Dec. 10.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 123,876; Dec. 10.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 123,877; Dec. 10.
Ely, George L., New York, N. Y. Portable food dispenser stand. 118,638; Jan. 23.
Embury, Frederick B., assignor to Embury Manufacturing Company, Warsaw, N. Y. Lantern. 118,659; Jan. 23.
Embury Manufacturing Company. (See Embury, Frederick B., assignor.)
Emby Photographic Products of California, Inc. (See Kossman, H. R., and Hubbard, assignors.)
Emerson Drug Company of Baltimore City, The. (See McKenna, William C., assignor.)
Emerson, Frank P. (See Francis, John S., assignor.)
Emerson, William J., assignor to Connecticut Paper Products Incorporated, Kensington, Conn. Paper cup dispenser. 118,578; Jan. 16.
Empire Ironer, Inc. (See Dudley, R. A., and Jones, assignors.)
Emsheimer, Eugene S., New York, N. Y. Textile fabric. 122,661; Sept. 24.
Endicott Johnson Corporation. (See Johnson, Francis A., assignor.)
Engel, Alice, New York, N. Y. Dress ensemble. 118,897; Feb. 6.
Engel, Alice, New York, N. Y. Dress. 118,898; Feb. 6.
Engel, Alice, New York, N. Y. Dress. 119,342; Mar. 5.
Engel, Alice, New York, N. Y. Dress. 119,343; Mar. 5.
Engel, Alice, New York, N. Y. Dress. 119,358; Mar. 5.
Engel, Alice, New York, N. Y. Dress and slip ensemble. 120,042; Apr. 16.
Engel, Alice, New York, N. Y. Dress ensemble. 120,043; Apr. 16.
Engel, Alice, New York, N. Y. Dress and slip ensemble. 120,444; May 7.
Engel, Alice, New York, N. Y. Dress. 121,115; June 18.
Engel, Alice, New York, N. Y. Dress ensemble. 122,136; Aug. 27.
Engel, Alice, New York, N. Y. Dress ensemble. 122,161; Aug. 27.
Engel, Alice, New York, N. Y. Dress. 122,193; Aug. 27.
Engel, Alice, New York, N. Y. Dress ensemble. 122,394; Sept. 10.
Engel, Alice, New York, N. Y. Dress. 122,738; Sept. 24.
Engel, Alice, New York, N. Y. Dress. 122,790; Oct. 1.
Engel, Alice, New York, N. Y. Dress. 123,320; Oct. 29.
Engel, William, Clayton, Mo. Box. 122,074; Aug. 20.
Enterprise Aluminum Company, The. (See Mankki, Onnie, assignor.)
Enthof, Edward W. (See Vandenberg, P. W., and Enthof.)
Enthof, Edward W., assignor to Crane Co., Chicago, Ill. Handle for fire doors or the like. 119,493; Mar. 19.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 120,054; Apr. 16.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 120,055; Apr. 16.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 120,056; Apr. 16.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 120,057; Apr. 16.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 120,058; Apr. 16.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 120,059; Apr. 16.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 120,060; Apr. 16.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 120,061; Apr. 16.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 120,062; Apr. 16.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 120,063; Apr. 16.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 120,064; Apr. 16.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 120,065; Apr. 16.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 120,087; Apr. 16.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 120,088; Apr. 16.
Erickson, C. E., Company. (See Erickson, Ernest R., assignor.)
Erickson, Charles, and E. Spellman, New York, N. Y. Refrigerating unit, for receiving and storing frozen custard or the like. 123,904; Dec. 10.
Erickson, Ernest R., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Push bar. 118,619; Jan. 23.
Erickson, Ernest R., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Display rack or the like. 119,258; Mar. 5.
Erickson, Ernest R., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Display rack. 120,729; May 28.
Erickson, Ernest R., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Display rack. 122,011; Aug. 20.
Erickson, Ernest R., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Display rack or similar article. 122,680; Sept. 24.
Erickson, Ernest R., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Display rack or similar article. 123,878; Dec. 10.
Ericson, Emile, New York, N. Y. Wall paper. 123,012; Oct. 8.
Ericson, Emile, New York, N. Y. Wall paper. 123,027; Oct. 8.
Ericson, Emile, New York, N. Y. Wallpaper. 124,021; Dec. 17.
Ericson, Emile, New York, N. Y. Wallpaper. 124,064; Dec. 17.
Ericson, Emile, New York, N. Y. Wallpaper. 124,231; Dec. 24.
Erie Manufacturing Co. (See Poncher, Louis S., assignor.)
Erie Plastics Company. (See Pingen, Pierre H., assignor.)
Erlinder, Atwood E., Chicago, Ill. Toy armored car. 122,481; Sept. 10.
Ernst, Frank R., Woodbridge, assignor to Columbia Protektosite Co., Incorporated, Carlstadt Township, Bergen County, N. J. Pair of goggles. 124,309; Dec. 31.
Ernst, George, Livingston Township, N. J. Valve body. 121,785; Aug. 6.
Ernst, Walter and J. A. Muller, Mount Gilead, Ohio, assignors to The Hydraulic Development Corporation, Wilmington, Del. Injection machine. 119,612; Mar. 26.
Erskine, Gladys S., New York, N. Y. Brooch or similar article of jewelry. 119,978; Apr. 16.
Esh, Barnett, assignor to Kaspar & Esh, Inc., New York, N. Y. Finger ring. 120,615; May 21.
Esh, Barnett, assignor to Kaspar & Esh, Inc., New York, N. Y. Finger ring. 120,616; May 21.
Eshbach, Clara V., York, Pa. Hanger for umbrellas, purses, or the like. 119,384; Mar. 12.
Eskowski, Walter, Milwaukee, Wis. Multiple yarn spool holder. 123,239; Oct. 22.
Esmond Mills, The. (See Cobb, Boughton, assignor.)
Estate Stove Company, The. (See Kahn, Bertrand B., assignor.)
Esterbrook Steel Pen Manufacturing Co., The. (See Lapteff, Alexis V., assignor.)
Estey, Roger S. (See Bailey, S. J., and Estey.)
Estey, Roger S. (See Peck, W. F., and Estey.)
Etkin, Simon, New York, N. Y. Dress ensemble. 119,140; Feb. 20.
Etkin, Simon, New York, N. Y. Dress. 119,470; Mar. 12.
Etkin, Simon, New York, N. Y. Dress ensemble. 119,532; Mar. 19.
Etkin, Simon, New York, N. Y. Dress ensemble. 121,653; July 23.
Etkin, Simon, New York, N. Y. Fur collor. 121,743; July 30.
Etkin, Simon, New York, N. Y. Coat. 122,349; Sept. 3.
Etkin, Simon, New York, N. Y. Coat. 122,791; Oct. 1.
Etlinger, Mac, New York, N. Y. Textile fabric. 120,089; Apr. 16.
Etlinger, Mac, New York, N. Y. Textile fabric. 120,257; Apr. 30.
Etman, Israel K., New York, N. Y. Hat. 120,309; Apr. 30.
Etten, Nicholas L., Waterloo, Iowa. Drainboard. 119,613; Mar. 26.
Etten, Nicholas L., Waterloo, Iowa. Wringer. 120,238; Apr. 30.
Eugene, Ltd. (See Suter, Eugene F. and M. J., and Beike, assignors.)
Euger-Kress Company. (See Hoople, Warner W., assignor.)
Evans Case Company. (See Lawrence, Cecil H., assignor.)
Evans Case Company. (See Regan, Quinlan T., assignor.)
Evans Case Company. (See Reilly, Alfred F., assignor.)
Evans Case Company. (See Reilly, William J., assignor.)
Evans, Edward C., Alexandria, Va. Book end. 124,065; Dec. 17.
Evans, Etta, New York, N. Y. Dress. 118,769; Jan. 30.
Evans, Etta, New York, N. Y. Dress or similar article. 120,177; Apr. 23.
Evans, Oscar R., assignor of one-third to M. H. Hickok, and one-third to T. F. W. Haskins, Tulsa, Okla. Combined surgical adjuster and dilator. 122,635; Sept. 17.

Evans Products Company. (See Evans, R. B., Farrell, and Schueder, assignors.)
Evans Products Company. (See Miller, Peter J., assignor.)
Evans, Robert B., Grosse Pointe, and E. F. Farrell, and G. M. Schueder, assignors to Evans Products Company, Detroit, Mich. Air circulating space heater or the like. 121,565; July 23.
Evans, Robert B., Grosse Pointe, and E. F. Farrell and G. M. Schueder, assignors to Evans Products Company, Detroit, Mich. Air circulating space heater or the like. 121,566; July 23.
Ever Ready Calendar Manufacturing Co. (See Kemp, William H., assignor.)
Eversharp, Inc. (See Back, Robert, assignor.)
Eversharp, Inc. (See Dreyfuss, Henry, assignor.)
Everson, Franklin E., Scarsdale, N. Y. Combined mirror and lamp. 120,780; May 28.
Ewart, Elliott S., St. Clair Shores, Mich., assignor to United States Rubber Company, New York, N. Y. Pneumatic tire. 123,530; Nov. 12.
Ewertz, Clement G., Scotch Plains, N. J., and T. E. King, Hartsdale, N. Y. Window greenhouse. 120,030; Apr. 16.
Ewing, Burke M. (See Henkel, A. L., and Ewing.)
Excelsior Hardware Company, The. (See Komenak, Albert J., assignor.)
Exhibit Supply Company, The. (See Meyer, John F., assignor.)
F. & N. Lawn Mower Company, The. (See Kluter, Marlowe H., assignor.)
Faber, Eberhard, Pencil Co. (See Zoll, Henry, assignor.)
Faden, Sylvia, New York, N. Y. Dress. 118,770; Jan. 30.
Faden, Sylvia, New York, N. Y. Dress. 119,123; Feb. 20.
Faden, Sylvia, New York, N. Y. Dress ensemble. 119,124; Feb. 20.
Faden, Sylvia, New York, N. Y. Dress ensemble. 120,073; Apr. 16.
Faden, Sylvia, New York, N. Y. Dress ensemble. 120,178; Apr. 23.
Faden, Sylvia, New York, N. Y. Dress. 121,654; July 23.
Faden, Sylvia, New York, N. Y. Dress. 121,655; July 23.
Faden, Sylvia, New York, N. Y. Dress. 122,652; Sept. 17.
Fairbairn, John J., Roosevelt, N. Y., assignor to Robins Conveying Belt Company, Passaic, N. J. Idler bracket for conveyers or the like. 120,667; May 21.
Fairbanks, Morse & Co. (See Guthrie, Bernard M., assignor.)
Fairbanks, Morse & Co. (See Vogel, Edward A., assignor.)
Fairchild, E. E., Corporation. (See Friedrich, Charles F., assignor.)
Fairfacts Company, The. (See Klauber, Chester D., assignor.)
Falkenstein, Walter, Miami, Fla. Slacks. 120,310; Apr. 30.
Farber, S. W., Inc. (See Foster, Hoyt K., assignor.)
Farber, S. W., Inc. (See Kowalsky, Abraham, assignor.)
Farber, Simon W., Brooklyn, N. Y. Hot water plate. 121,468; July 16.
Farber, Simon W., Brooklyn, N. Y. Ferrule for use on utensils or similar articles. 122,772; Oct. 1.
Faries Manufacturing Company. (See Cloutier, Paul N., assignor.)
Farinacci, Faust, St. Albans, N. Y. Lamp shade. 121,188; June 25.
Farkas, Paul, Avenel, N. J. Game board. 122,662; Sept. 24.
Farkas, Paul, Avenel, N. J. Game board. 122,663; Sept. 24.
Farkas, Paul, Avenel, N. J. Game board. 122,664; Sept. 24.
Farley, Francis S., Westfield, assignor to The Watson-Stillman Co., Roselle, N. J. Molding press. 121,009; June 11.
Farmer, Alfred S., New York, N. Y. Slip. 120,031; Apr. 16.
Farmer, Blaine, Repton, Ky. Grubbing hoe. 123,051; Oct. 15.
Farrell, Eugene F. (See Evans, R. B., Farrell, and Schueder.)
Farrington, Samuel P., and J. B. Trevor, Pasadena, Calif. Trellis. 122,114; Aug. 27.
Fasold, Herbert, New York, N. Y. Wallpaper. 123,445; Nov. 5.
Fasold, Herbert, New York, N. Y. Wallpaper. 124,066; Dec. 17.
Fasold, Herbert, New York, N. Y. Wallpaper. 124,067; Dec. 17.
Fasold, Herbert, New York, N. Y. Wallpaper. 124,068; Dec. 17.
Fasold, Herbert, New York, N. Y. Wallpaper. 124,069; Dec. 17.
Fasold, Herbert, New York, N. Y. Wallpaper. 124,070; Dec. 17.
Fasold, Herbert, New York, N. Y. Wallpaper. 124,071; Dec. 17.
Fasold, Herbert, New York, N. Y. Wallpaper. 124,072; Dec. 17.
Fassnacht, Karl, Cranston, assignor to Speidel Corporation, Providence, R. I. Key ring. 122,665; Sept. 24.
Faulstich, Henry W., Chicago, and W. C. Lueneburg, Evanston, assignors to Tropic-Aire, Incorporated, Chicago, Ill. Heater. 122,708; Sept. 24.
Faust, David, New York, N. Y. Dress. 123,802; Dec. 3.
Faust, David, New York, N. Y. Dress. 123,803; Dec. 3.
Fay, Kenneth C., New York, N. Y. Bottle or similar article. 120,668; May 21.
Federal Electric Company. (See Duncan, Robert, assignor.)
Federal Glass Company, The. (See Dreitzer, Albert J., assignor.)
Federal Glass Company, The. (See Kogan, Belle, assignor.)
Federal Glass Company, The. (See Nicholson, Albert H., assignor.)
Federico, Joseph B., Niagara Falls, N. Y., assignor to Helios Lighter Corporation, Bradford, Pa. Case for a cigarette lighter. 121,991; Aug. 20.
Feifer, Harry, Passaic, N. J. Slipper. 120,859; June 4.
Feigel, David G., Cleveland, Ohio. Cigarette holder. 118,735; Jan. 30.
Feilchenfeld, Arthur, Jr. (See Utley, R. C. and Feilchenfeld.)
Fein, Jacob, and F. Ullman, New York, N. Y. Shoe or similar article. 119,325; Mar. 5.
Fein, Jacob, and F. Ullman, New York, N. Y. Shoe or similar article. 119,326; Mar. 5.
Fein, William, New York, N. Y. Vertical panel hamper. 120,261; Apr. 30.
Fein, William, New York, N. Y. Twin panel hamper. 121,409; July 9.
Feintuck, Rose, New York, N. Y. Dress. 121,509; July 16.
Feintuck, Rose, New York, N. Y. Dress. 121,674; July 30.
Feintuck, Rose, New York, N. Y. Dress. 121,831; Aug. 6.
Feintuck, Rose, New York, N. Y. Dress. 121,832; Aug. 6.
Feintuck, Rose, New York, N. Y. Dress. 121,833; Aug. 6.
Feintuck, Rose, New York, N. Y. Dress. 122,162; Aug. 27.
Feintuck, Rose, New York, N. Y. Dress. 122,230; Aug. 27.
Feld, David, New York, N. Y. Fur collar. 122,194; Aug. 27.
Feldman, Abraham G., Chicago, Ill. Side of a crib or bassinette. 124,427; Dec. 31.
Feldman, Harry, Brooklyn, N. Y. Textile fabric or similar article. 118,899; Feb. 6.
Feldman, Jacob C., Boston, assignor to New England Bedding Company, Medford, Mass. Glider or similar article. 119,877; Apr. 9.
Feldman, Jacob C., Boston, assignor to New England Bedding Company, Medford, Mass. Glider or similar article. 119,878; Apr. 9.
Feldman, Manuel, New York, N. Y., assignor to J. Gottlieb, Jersey City, N. J. Electrical heating unit for cooking stoves. 120,340; May 7.
Feldman, Manuel, New York, N. Y. Rug. 121,641; July 23.
Feldman, Philip, New York, N. Y. Coat lining. 121,054; June 11.
Feldman, Philip, New York, N. Y. Coat lining. 121,116; June 18.
Fellegi, Margit, Los Angeles, Calif. Bolero jacket. 120,182; Apr. 23.
Feltman, Eric G., and W. D. Harbaugh, assignors to A. F. Dormeyer Mfg. Co., Chicago, Ill. Electric food mixer. 123,477; Nov. 12.
Fender, Ferdinand E., Evanston, Ill., assignor to Vaughan Novelty Manufacturing Company, Chicago, Ill. Removable bottle stopper. 121,807; Aug. 6.
Fensch, Richard G., assignor to The Humphryes Manufacturing Company, Mansfield, Ohio. Kitchen cabinet. 122,792; Oct. 1.
Fensch, Richard G., assignor to The Humphryes Manufacturing Company, Mansfield, Ohio. Kitchen cabinet. 123,052; Oct. 15.
Fenton, Paul E., Thomaston, assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener prong ring. 120,000; Apr. 16.
Fenton, Paul E., Thomaston, assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener prong ring. 120,001; Apr. 16.
Fenton, Paul E., Thomaston, assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener prong ring. 120,002; Apr. 16.
Fenton, Paul E., Thomaston, assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener prong ring. 120,003; Apr. 16.
Ferguson, Charles A., San Antonio, Tex. Base protector for golf bags. 118,815; Feb. 6.
Fern, Jules and O., and H. Sobel, Los Angeles, Calif. Combined shoe sole and heel. 121,469; July 16.
Fern, Oscar. (See Fern, Jules and O., and Sobel.)
Ferrer, Armando, Habana, Cuba. Toy. 119,036; Feb. 20.
Feyrer, William F., Norwalk, Conn., assignor to Dictaphone Corporation, New York, N. Y. Commercial phonograph. 120,501; May 14.
Fieger, Henry J., Union City, N. J. Embroidered trimming. 122,012; Aug. 20.
Fieger, Henry J., Union City, N. J. Embroidered trimming. 122,013; Aug. 20.
Fields, Pauline E., New York, N. Y. Dress. 123,972; Dec. 10.
Fieldseth, Malvina, assignor to Maiden Form Brassiere Company, Inc., New York, N. Y. Brassière, or the like. 121,726; July 30.

Figatner, Max, New York, N. Y. Tombstone. 118,554; Jan. 16.
Finch, William G. H., Spuyten Duyvil, N. Y. Facsimile machine. 123,053; Oct. 15.
Fink, Arthur C., Rock Township, Jefferson County, Mo. Fore end for guns. 118,498; Jan. 9.
Fink, Henry W., assignor to Tropic-Aire, Incorporated, Chicago, Ill. Heater. 122,592; Sept. 17.
Fink, Karl, assignor to Topps Chewing Gum, Inc., Brooklyn, N. Y. Display easel for chewing gum or the like. 123,567; Nov. 19.
Fink, Samuel, New York, N. Y. Compact. 121,510; July 16.
Fink, Samuel, New York, N. Y. Powder box. 122,921; Oct. 8.
Finkel, Samuel, New York, N. Y. Coat. 119,222; Feb. 27.
Finkelstein, Robert, Woonsocket, R. I. Textile fabric or similar article. 120,955; June 4.
Fink-Roselieve Co. Inc. (See Naylor, William E., assignor.)
Finnegan, George J., New York, N. Y. Textile fabric. 120,377; May 7.
Finnegan, George J., New York, N. Y. Textile fabric. 120,431; May 7.
Finnegan, George J., New York, N. Y. Textile fabric. 120,432; May 7.
Finnegan, George J., New York, N. Y. Textile fabric. 120,433; May 7.
Finnegan, George J., New York, N. Y. Textile fabric. 120,502; May 14.
Finnegan, George J., New York, N. Y. Textile fabric. 120,503; May 14.
Finnegan, George J., New York, N. Y. Textile fabric. 120,617; May 21.
Finnegan, George J., New York, N. Y. Textile fabric. 120,781; May 28.
Firestone Tire & Rubber Company, The. (See Reeves, Robert L., assignor.)
Firestone Tire & Rubber Company, The. (See Reeves, R. L., and Allen, assignors.)
Fiscella, Lucille, New York, N. Y. Dress. 123,221; Oct. 22.
Fischer, Benjamin, New York, N. Y. Child's coat. 120,703; May 21.
Fischer, Benjamin, New York, N. Y. Child's coat. 120,704; May 21.
Fischer, Benjamin, New York, N. Y. Child's coat. 120,705; May 21.
Fischer, Joseph, New York, N. Y. Combined mirror and thermometer. 119,239; Feb. 27.
Fischer, Joseph, New York, N. Y. Taxi-cab lamp. 121,762; Aug. 6.
Fischer, Joseph, New York, N. Y. Taxi-cab lamp. 121,763; Aug. 6.
Fischer, Joseph, New York, N. Y. Automobile thermometer. 123,593; Nov. 19.
Fischer, Ladislav. (See Kurth, F. J., and Fischer.)
Fischer, Max, Great Neck, N. Y. Body attached propulsion unit. 121,067; June 18.
Fischer, Max, Great Neck, N. Y. Propeller. 121,201; June 25.
Fishel, Robert G., Evanston, Ill. Dish. 122,939; Oct. 8.
Fishel, Robert G., Evanston, Ill. Dish. 122,940; Oct. 8.
Fisher, Gorman L., Binghamton, N. Y. Table top or similar article. 122,286; Sept. 3.
Fisher, Joseph S., New York, assignor to Triangle Conduit & Cable Co., Inc., Elmhurst, N. Y. Pipe. 123,935; Dec. 10.
Fisher, Samuel L., Butler, Pa. Ashtray. 119,086; Feb. 20.
Fishman, Jack C., New York, N. Y. Shoe. 119,879; Apr. 9.
Fisk, Herbert E., and K. E. Dyer, Chicago, Ill. Easel or similar article. 118,443; Jan. 9.
Fitzgerald, Lucille B., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Overshoe. 119,195; Feb. 27.
Flacks, William L., Chicago, Ill. Game board. 122,014; Aug. 20.
Flammang, John, University City, P. L. Bowser, St. Louis, W. M. Venner, Richmond Heights, and P. L. Bowser, Jr., University City, assignors to The Sterling Corporation, St. Louis, Mo. Piston. 122,922; Oct. 8.
Flannery, Bernard M., Galion, Ohio. Apparel rack or the like. 121,045; June 11.
Flato, Paul E. (See Davenport, Lloyd J., assignor.)
Flato, Paul E. (See Di Verdura, Fulco, assignor.)
Flato, Paul. (See Forrestal, Josephine, assignor.)
Flato, Paul E., New York, N. Y. Clip or similar article. 122,719; Sept. 24.
Flato, Paul E., New York, N. Y. Cigarette tray or similar article. 122,923; Oct. 8.
Flato, Paul E., New York, N. Y. Brooch pin or similar article. 123,162; Oct. 22.
Flato, Paul E., New York, N. Y. Bracelet or similar article. 123,206; Oct. 22.
Flato, Paul E., New York, N. Y. Bracelet or similar article. 123,222; Oct. 22.
Flato, Paul E., New York, N. Y. Clip or similar article. 124,402; Dec. 31.
Flato, Paul E., New York, N. Y. Combined powder compact, cigarette case, lighter, watch and holder therefor, and lipstick case. 124,449; Dec. 31.
Fleming, Mary P. (See Allen, G. N., and Fleming.)
Fleming, William. (See Knowles, H. K., and Fleming.)
Fletcher, Albert C., Oklahoma City, Okla. Battery charger. 122,482; Sept. 10.
Fletcher, John, assignor to H D Electric Co., Chicago, Ill. Electric broiler. 123,531; Nov. 12.
Fletcher, Maurice J., Des Moines, Iowa. Ash receptacle. 120,105; Apr. 23.
Fletcher, Maurice J., assignor to T. M. Dick, as trustee for Cadet Smokestands Company, Des Moines, Iowa. Ash receptacle. 121,920; Aug. 13.
Flint, Edward F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Colorimeter. 120,378; May 7.
Florek, Ann, Chicago, Ill. Dress ensemble or similar article. 123,957; Dec. 10.
Florence Pipe Foundry & Machine Company. (See Camerota, Louis A., assignor.)
Florence Stove Co. (See Kruck, Ralph E., assignor.)
Florence Stove Company. (See Reeves, Herbert M., assignor.)
Floresque, Costica, Chicago, Ill. Acrobat's headstand apparatus. 118,816; Feb. 6.
Florida Frostee Machine Company. (See Coty, George, assignor.)
Florman, Irving, New York, N. Y. Shaving brush. 119,914; Apr. 9.
Florman, Irving, New York, N. Y. Display stand for perfume, cosmetics, or the like. 120,119; Apr. 23.
Florman, Irving, New York, N. Y. Display stand for perfume, cosmetics, or the like. 122,681; Sept. 24.
Florman, Irving, New York, N. Y. Lighter or the like. 123,879; Dec. 10.
Florsheim Shoe Company, The. (See Pick, Oswald M., assignor.)
Flower City Specialty Company. (See Nagle, R. A., assignor.)
Flowers, James H., Port Arthur, Tex. Golf club head. 123,880; Dec. 10.
Floyd-Wells Company, The. (See Teague, W. D., and Myers, assignors.)
Flynn, Edward D., assignor to Oliver United Filters Incorporated, Oakland, Calif. Continuous rotary drum filter. 121,786; Aug. 6.
Flynn, Edward D., assignor to Oliver United Filters Incorporated, Oakland, Calif. Continuous rotary drum filter. 121,787; Aug. 6.
Flynn, Martin J., assignor to A. G. Spalding & Bros. Inc., Chicopee, Mass. Golf club head. 123,260; Oct. 29.
Fogel, Joseph. (See Most A., and Fogel.)
Fogelstad, Andrew B., Chicago, Ill. Lamp. 123,054; Oct. 15.
Folke, Bengt E., Mamaroneck, assignor to Nathan Manufacturing Company, New York, N. Y. Lubricator sight feed. 120,860; June 4.
Fontaine, Annette, and S. Haggander, assignors to Cresca Company, Incorporated, New York, N. Y. Wrapping paper or similar article. 121,274; July 2.
Fontaine, Athanas P., Nashville, Tenn., assignor to Aviation Manufacturing Corporation, New York, N. Y. Airplane. 123,307; Oct. 29.
Food Machinery Corporation. (See Paxton, Gerald C., assignor.)
Forbes, Ermina R., Washington, D. C. Steering wheel. 122,793; Oct. 1.
Ford, Curry E., Lakewood, Ohio, assignor to National Carbon Company, Inc. Fluid diffuser element. 122,817; Oct. 1.
Ford, George E., assignor to Rochester Manufacturing Co., Inc., Rochester, N. Y. Thermometer casing or similar article. 119,748; Apr. 2.
Ford, George E., assignor to Rochester Manufacturing Company, Rochester, N. Y. Thermometer. 120,638; May 21.
Ford, George E., assignor to Rochester Manufacturing Co., Inc., Rochester, N. Y. Indicator dial casing or similar article. 121,189; June 25.
Ford, J. B., Sales Company. (See Soderberg, Paul W., assignor.)
Foret, Edmond, New York, N. Y. Pin or similar article of jewelry. 123,568; Nov. 19.
Foret, Edmond, assignor to Cartier, Inc., New York, N. Y. Brooch or similar article of jewelry. 122,015; Aug. 20.
Formis, Frederick K., Chattanooga, Tenn. Toy rotary unit. 119,585; Mar. 26.
Formis, Frederick K., Chattanooga, Tenn. Display carton. 121,046; June 11.
Forrest, Bereniece N., and H. D. Bell, assignors to Mysterious Chemical Co. Inc., New York, N. Y. Combined insecticide container and ejector. 119,332; Mar. 5.
Forrest, Bereniece N., and H. D. Bell, assignors to Mysterious Chemical Co. Inc., New York, N. Y. Combined insecticide ejector bulb and carton therefor. 119,333; Mar. 5.
Forrestal, Josephine, assignor to P. Flato, New York, N. Y. Compact or similar article. 121,567; July 23.
Forrestal, Josephine, assignor to P. Flato, New York, N. Y. Combination watch and case therefor. 121,632; July 23.
Forrestal, Josephine, assignor to P. Flato, New York, N. Y. Combination watch and case therefor. 121,633; July 23.
Forrestal, Josephine, assignor to P. Flato, New York, N. Y. Compact or similar article. 121,953; Aug. 13.

Forss, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Portable power driven hand tool unit. 118,854; Feb. 6.
Forster, Percy M., Berkeley, Calif. Lead pot heater. 120,120; Apr. 23.
Forster Textile Mills, Inc. (See Stead, Kenneth G., assignor.)
Forstmann, Curt E., Montclair, N. J. Textile fabric. 119,803; Apr. 2.
Forstmann, Curt E., Montclair, N. J. Textile fabric. 120,262; Apr. 30.
Forstmann, Curt E., Montclair, N. J. Textile fabric. 120,379; May 7.
Forsyth, James F., South Orange, N. J., assignor to Hecker Products Corporation, New York, N. Y. Jar. 118,855; Feb. 6.
Fosgood Corporation. (See Foster, Joseph C., assignor.)
Fosgood Corporation. (See Gagnon, Leo J., assignor.)
Fosgood Corporation. (See Girouard, Albert, assignor.)
Foster-Forbes Glass Company. (See Foster, John M., assignor.)
Foster, Hoyt K., Hollis, assignor to S. W. Farber, Inc., Brooklyn, N. Y. Combined electric heating element and terminal plug unit. 122,137; Aug. 27.
Foster, Hoyt K., Hollis, assignor to S. W. Farber, Inc., Brooklyn, N. Y. Lifting handle. 123,261; Oct. 29.
Foster, Hoyt K., Hollis, assignor to S. W. Farber, Inc., Brooklyn, N. Y. Knob. 123,262; Oct. 29.
Foster, John M., assignor to Foster-Forbes Glass Company, Marion, Ind. Bottle. 120,750; May 28.
Foster, Joseph C., assignor to Fosgood Corporation, Leominster, Mass. Goggle frame. 120,504; May 14.
Foster, Joseph C., assignor to Fosgood Corporation, Leominster, Mass. Pair of sun glasses. 123,107; Oct. 15.
Foster, Ralph E., Detroit, Mich., assignor to Tank Car Stations, Inc., Buffalo, N. Y. Building. 120,928; June 4.
Foster, Robert B., assignor to J. B. Smiley, Los Angeles, Calif. Type cleaning brush. 121,539; July 16.
Fox, Alexander P., University City, and A. D. Reisert, assignors to Lincoln Engineering Company, St. Louis, Mo. Automotive merchandising service cabinet. 119,063; Feb. 20.
Fox, Alexander P., University City, and A. D. Reisert, assignors to Lincoln Engineering Company, St. Louis, Mo. Combined work bench and cabinet or similar article. 123,399; Nov. 5.
Fox, Alexander P., University City, and A. D. Reisert, assignors to Lincoln Engineering Company, St. Louis, Mo. Automotive parts cabinet. 123,752; Dec. 3.
Fox, Alexander P., University City, and A. D. Reisert, assignors to Lincoln Engineering Company, St. Louis, Mo. Wall cabinet for lubricating equipment. 123,776; Dec. 3.
Fox, Alexander P., University City, and A. D. Reisert, assignors to Lincoln Engineering Company, St. Louis, Mo. Cabinet for hose reel units. 124,022; Dec. 17.
Fox, Edw., Baking Co. (See Fox, Roy S., assignor.)
Fox, G., & Co. Inc. (See Auerbach, Beatrice F., assignor.)
Fox, Lew, Chicago, Ill. Dress ensemble. 119,696; Mar. 26.
Fox, Lew, Chicago, Ill. Dress ensemble. 119,697; Mar. 26.
Fox, Lew, Chicago, Ill. Dress ensemble. 120,192; Apr. 23.
Fox, Lew, Chicago, Ill. Dress ensemble. 120,193; Apr 23.
Fox, Roy S., assignor to Edw. Fox Baking Co., Inc., York, Pa. Doughnut. 121,470; July 16.
Fracchia, Pauline, New York, N. Y. Dress ensemble. 118,660; Jan. 23.
Fracchia, Pauline, New York, N. Y. Dress ensemble. 118,661; Jan. 23.
Fracchia, Pauline, New York, N. Y. Dress. 118,662; Jan. 23.
Fracchia, Pauline, New York, N. Y. Dress. 118,663; Jan. 23.
Fracchia, Pauline, New York, N. Y. Dress ensemble. 118,664; Jan. 23.
Fracchia, Pauline, New York, N. Y. Dress. 118,771; Jan. 30.
Fracchia, Pauline, New York, N. Y. Dress. 118,772; Jan. 30.
Fracchia, Pauline, New York, N. Y. Dress. 119,240; Feb. 27.
Fracchia, Pauline, New York, N. Y. Dress. 119,241; Feb. 27.
Fracchia, Pauline, New York, N. Y. Dress. 119,242; Feb. 27.
Fracchia, Pauline, New York, N. Y. Dress. 119,243; Feb. 27.
Fracchia, Pauline, New York, N. Y. Dress. 119,244; Feb. 27.
Fracchia, Pauline, New York, N. Y. Dress. 119,245; Feb. 27.
Fracchia, Pauline, New York, N. Y. Dress. 119,317; Mar. 5.
Fracchia, Pauline, New York, N. Y. Dress ensemble. 119,421; Mar. 12.
Fracchia, Pauline, New York, N. Y. Dress. 119,422; Mar. 12.
Fracchia, Pauline, New York, N. Y. Dress. 119,423; Mar. 12.
Fracchia, Pauline, New York, N. Y. Dress. 119,424; Mar. 12.
Fracchia, Pauline, New York, N. Y. Dress ensemble. 119,425; Mar. 12.
Fracchia, Pauline, New York, N. Y. Dress. 119,426; Mar. 12.
Fracchia, Pauline, New York, N. Y. Dress. 119,427; Mar. 12.
Fracchia, Pauline, New York, N. Y. Dress. 119,428; Mar. 12.
Fracchia, Pauline, New York, N. Y. Dress. 119,545; Mar. 19.
Fracchia, Pauline, New York, N. Y. Dress. 119,546; Mar. 19.
Fracchia, Pauline, New York, N. Y. Dress. 119,905; Apr. 9.
Fracchia, Pauline, New York, N. Y. Dress ensemble. 119,915; Apr. 9.
Fracchia, Pauline, New York, N. Y. Dress. 120,074; Apr. 16.
Fracchia, Pauline, New York, N. Y. Dress. 120,075; Apr. 16.
Fracchia, Pauline, New York, N. Y. Dress. 120,076; Apr. 16.
Fracchia, Pauline, New York, N. Y. Dress. 120,077; Apr. 16.
Fracchia, Pauline, New York, N. Y. Dress. 120,706; May 21.
Fracchia, Pauline, New York, N. Y. Dress. 120,707; May 21.
Fracchia, Pauline, New York, N. Y. Dress. 120,708; May 21.
Fracchia, Pauline, New York, N. Y. Dress. 120,709; May 21.
Fracchia, Pauline, New York, N. Y. Dress. 120,710; May 21.
Fracchia, Pauline, New York, N. Y. Dress. 120,711; May 21.
Fracchia, Pauline, New York, N. Y. Dress. 120,805; May 28.
Fracchia, Pauline, New York, N. Y. Dress. 120,824; May 28.
Fracchia, Pauline, New York, N. Y. Dress. 120,825; May 28.
Fracchia, Pauline, New York, N. Y. Dress. 120,826; May 28.
Fracchia, Pauline, New York, N. Y. Dress. 120,827; May 28.
Fracchia, Pauline, New York, N. Y. Dress. 120,828; May 28.
Fracchia, Pauline, New York, N. Y. Dress. 120,844; May 28.
Fracchia, Pauline, New York, N. Y. Dress. 120,845; May 28.
Fracchia, Pauline, New York, N. Y. Dress. 120,880; June 4.
Fracchia, Pauline, New York, N. Y. Dress. 121,529; July 16.
Fracchia, Pauline, New York, N. Y. Dress. 122,310; Sept. 3.
Fracchia, Pauline, New York, N. Y. Dress. 122,311; Sept. 3.
Fracchia, Pauline, New York, N. Y. Dress. 122,312; Sept. 3.
Fracchia, Pauline, New York, N. Y. Dress. 122,313; Sept. 3.
Fracchia, Pauline, New York, N. Y. Dress. 122,314; Sept. 3.
Fracchia, Pauline, New York, N. Y. Dress. 122,334; Sept. 3.
Fracchia, Pauline, New York, N. Y. Dress. 122,543; Sept. 10.
Fracchia, Pauline, New York, N. Y. Dress. 122,544; Sept. 10.
Fracchia, Pauline, New York, N. Y. Dress. 122,593; Sept. 17.
Fracchia, Pauline, New York, N. Y. Dress. 122,794; Oct. 1.
Fracchia, Pauline, New York, N. Y. Dress. 122,977; Oct. 8.
Fracchia, Pauline, New York, N. Y. Dress. 122,993; Oct. 8.
Fracchia, Pauline, New York, N. Y. Dress. 122,994; Oct. 8.
Fracchia, Pauline, New York, N. Y. Dress. 123,028; Oct. 8.
Fracchia, Pauline, New York, N. Y. Dress. 123,029; Oct. 8.
Fracchia, Pauline, New York, N. Y. Dress. 123,039; Oct. 8.
Fracchia, Pauline, New York, N. Y. Dress. 123,040; Oct. 8.
Fracchia, Pauline, New York, N. Y. Dress. 123,518; Nov. 12.
Fracchia, Pauline, New York, N. Y. Dress. 123,519; Nov. 12.
Fracchia, Pauline, New York, N. Y. Dress. 123,520; Nov. 12.
Fracchia, Pauline, New York, N. Y. Dress. 123,521; Nov. 12.
Fracchia, Pauline, New York, N. Y. Dress. 123,532; Nov. 12.
Fracchia, Pauline, New York, N. Y. Dress. 123,533; Nov. 12.

Fracchia, Pauline, New York, N. Y. Dress. 123,534; Nov. 12.
Fracchia, Pauline, New York, N. Y. Dress. 123,535; Nov. 12.
Fracchia, Pauline, New York, N. Y. Dress. 123,536; Nov. 12.
Fracchia, Pauline, New York, N. Y. Dress. 123,614; Nov. 19.
Fracchia, Pauline, New York, N. Y. Dress. 124,459; Dec. 31.
Fracchia, Pauline, New York, N. Y. Dress. 124,460; Dec. 31.
Fracchia, Pauline, New York, N. Y. Dress. 124,461; Dec. 31.
Fracchia, Pauline, New York, N. Y. Dress. 124,469; Dec. 31.
Fracchia, Pauline, New York, N. Y. Dress. 124,488; Dec. 31.
Fracchia, Pauline, New York, N. Y. Dress. 124,489; Dec. 31.
Fracchia, Pauline, New York, N. Y. Dress. 124,490; Dec. 31.
Francek, James, Chicago, Ill. Wall paper. 123,336; Oct. 29.
Francine, Horace H., Ambler, Pa. Bird feeding station. 122,264; Sept. 3.
Francis, John S., assignor to F. P. Emerson, Los Angeles, Calif. Dispenser for popcorn or the like. 121,489; July 16.
Franco, Lewis C., New York, N. Y. Building. 121,387; July 9.
Frank, Samuel K., Wheeling, W. Va. Ash tray. 122,585; Sept. 17.
Frankel, Cele, New York, N. Y. Dress. 119,141; Feb. 20.
Frankel, Cele, New York, N. Y. Dress. 120,090; Apr. 16.
Frankel, Cele, New York, N. Y. Dress. 121,546; July 16.
Frankel, Cele, New York, N. Y. Dress. 121,547; July 16.
Frankel, Cele, New York, N. Y. Dress. 121,548; July 16.
Frankel, Howard, Wyoming, assignor to The Cincinnati Advertising Products Company, Cincinnati, Ohio. Advertising device. 118,444; Jan. 9.
Franken, Esther L., New York, N. Y. Dress. 120,091; Apr. 16.
Frankfort Distilleries, Incorporated. (See Bryant, Thomas H., Sr., assignor.)
Franklin, Sylvia, New York, N. Y. Dress. 123,833; Dec. 3.
Franklin, Sylvia, New York, N. Y. Dress. 123,834; Dec. 3.
Frascino, Mario, New York, N. Y. Coat. 121,744; July 30.
Fraterrigo, James, Tampa, Fla. Carton. 121,068; June 18.
Frederick, Henry E., Chicago, Ill. Cigarette server. 122,773; Oct. 1.
Frederick, Henry E., Chicago, Ill. Tray for smokers' articles, dishes, coasters or the like. 122,774; Oct. 1.
Frederick, Robert E., New York, N. Y. Shoe. 119,656; Mar. 26.
Frederick, Robert E., New York, N. Y. Slipper. 121,894; Aug. 13.
Fredericksburg Art Pottery Company, The. (See Heisler, George, assignor.)
Frederics, John, Inc. (See Robsjohn-Gibbings, Terance H., assignor.)
Freed, Jesse, New York, N. Y. Coat. 121,295; July 2.
Freedman, Sol, Los Angeles, Calif. Combination sound and motion picture cabinet. 123,753; Dec. 3.
Freeman, Lawrence W., Plainfield, N. J., assignor to Pathe Laboratories, Inc., New York, N. Y. Film viewer. 120,973; June 11.
Freeman, Martin, New York, N. Y. Combined cigarette holder and ash tray. 121,921; Aug. 13.
Freemark, Michael J., Breckenridge, Minn. Lantern. 118,969; Feb. 13.
Freemark, Michael J., Breckenridge, Minn. Lantern. 118,970; Feb. 13.
Freemark, Michael J., Breckenridge, Minn. Lantern. 118,971; Feb. 13.
Freemark, Michael J., Breckenridge, Minn. Combination container for signal flag, fuse, and torpedo. 119,087; Feb. 20.
Freidman, Leo, assignor to Gold Seal Importers, Inc., New York, N. Y. Handbag frame. 121,745; July 30.
Freidman, Leo, assignor to Gold Seal Importers, Inc., New York, N. Y. Handbag. 121,746; July 30.
Freidman, Leo, assignor to Gold Seal Importers, Inc., New York, N. Y. Handbag. 121,747; July 30.
Freidman, Leo, assignor to Gold Seal Importers, Inc., New York, N. Y. Handbag. 121,748; July 30.
Freidman, Leo, assignor to Gold Seal Importers, Inc., New York, N. Y. Handbag. 122,138; Aug. 27.
French Oil Mill Machinery Company, The. (See Stacy, Thomas F., assignor.)
French, Shriner & Urner Manufacturing Co. (See Thompson, William H., assignor.)
Freudenberg, Ernest W., Larchmont, N. Y. Embroidered textile fabric or similar article. 118,805; Jan. 30.
Freudenberg, Ernest W., Larchmont, N. Y. Embroidered textile fabric or similar article. 119,698; Mar. 26.
Freudenberg, Ernest W., Larchmont, N. Y. Lace trimming or similar article. 120,881; June 4.
Freudenberg, Ernest W., Larchmont, N. Y. Lace trimming or similar article. 120,882; June 4.
Freudenberg, Ernest W., Larchmont, N. Y. Lace trimming or similar article. 120,883; June 4.
Freudenberg, Ernest W., Larchmont, N. Y. Lace trimming or similar article. 120,884; June 4.
Freudenberg, Ernest W., Larchmont, N. Y. Lace trimming or similar article. 122,075; Aug. 20.
Freudenberg, Ernest W., Larchmont, N. Y. Lace trimming or similar article. 122,076; Aug. 20.
Frey, John N., Union Township, Union County, N. J., assignor, by mesne assignments, to S. Gorad, New York, N. Y. Motor driven shaver. 119,429; Mar. 12.
Freysinger, John B., assignor to North & Judd Manufacturing Company, New Britain, Conn. Buckle. 120,218; Apr. 30.
Frick, Jack E., Muncie, Ind. Toy figure. 119,037; Feb. 20.
Fried, Harry, Chicago, Ill. Dress. 122,739; Sept. 24.
Fried, Harry N., Chicago, Ill. Dress. 122,966; Oct. 8.
Friedman, Bertha B., New York, N. Y. Carriage robe. 118,956; Feb. 13.
Friedman, Bertha B., New York, N. Y. Combined nightgown and crib cover. 118,972; Feb. 13.
Friedman, Bertha B., New York, N. Y. Child's sleeping garment. 120,718; May 21.
Friedman, John E., New York, N. Y. Suspender. 123,108; Oct. 15.
Friedman, Louis E., Brooklyn, N. Y. Slipper. 118,472; Jan. 9.
Friedman, Louis E., Brooklyn, N. Y. Slipper. 118,473; Jan. 9.
Friedman, Louis E., Brooklyn, N. Y. Slipper. 118,606; Jan. 16.
Friedman, Louis E., Brooklyn, N. Y. Slipper. 118,607; Jan. 16.
Friedman, Louis E., Brooklyn, N. Y. Slipper. 118,736; Jan. 30.
Friedman, Martin C., et al. (See Tichenor, Don, assignor.)
Friedman, Nathan, New York, N. Y. Dress. 123,122; Oct. 15.
Friedman, Nathan, New York, N. Y. Dress. 123,123; Oct. 15.
Friedman, Theodore, New York, N. Y. Mounting for a reading glass or similar article. 118,929; Feb. 13.
Friedrich, Charles F., assignor to E. E. Fairchild Corporation, Rochester, N. Y. Box or similar container. 120,460; May 7.
Friend, Lee, and E. S. Wieder, New York, N. Y. Dress. 118,900; Feb. 6.
Frisbie, Marshall H., Hamden, Conn., and H. S. Preble, Jr., Jackson Heights, N. Y., assignors to The A. C. Gilbert Company, New Haven, Conn. Hair drier or the like. 123,594; Nov. 19.
Frischer, Joseph, Long Beach, N. Y. Embossed leather fabric or the like. 119,547; Mar. 19.
Frischer, Joseph, Long Beach, N. Y. Pleated fabric. 122,740; Sept. 24.
Frisk, Ernest T., Hibbing, Minn. Bag or similar container. 122,865; Oct. 1.
Frissell, Thomas I., Rock Creek, Ohio. Spoon holder. 122,545; Sept. 10.
Fritz, Theresa M., New York, N. Y. Dress. 119,125; Feb. 20.
Fritz, Theresa M., New York, N. Y. Dress. 120,194; Apr. 23.
Frommer, William C., Yonkers, N. Y. Perfume containing pendant or the like. 119,196; Feb. 27.
Frontman, Samuel, Philadelphia, Pa. Dress. 123,308; Oct. 29.
Frontman, Samuel, Philadelphia, Pa. Dress. 123,309; Oct. 29.
Frontman, Samuel, New York, N. Y. Dress ensemble. 123,615; Nov. 19.
Frontman, Samuel E., Melrose Park, Pa. Dress ensemble. 118,901; Feb. 6.
Frontman, Samuel E., New York, N. Y. Redingote. 120,712; May 21.
Frost, Hyman, New York, N. Y. Coat. 122,081; Aug. 20.
Frostbrand Furniture Mfg. Co. (See Tabb, Carroll C., assignor.)
Fruitman, Harold L., San Francisco, Calif. Petri dish or similar article. 122,567; Sept. 17.
Fruits, Richard M., Oxford, Kans. Aeroplane. 123,595; Nov. 19.
Frumkin, Max, New York, N. Y. Dress. 120,092; Apr. 16.
Frushour, Russel E., assignor to South Bend Lathe Works, South Bend, Ind. Lathe or similar article. 118,930; Feb. 13.
Fryda, Paul A., Milwaukee, Wis. Carpet. 124,310; Dec. 31.
Fuchs, Kay, New York, N. Y. Glove. 120,403; May 7.
Fuerst, Brooks D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 120,806; May 28.
Fuerst, Brooks D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 123,499; Nov. 12.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Comport. 119,586; Mar. 26.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Bowl. 119,587; Mar. 26.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Bowl. 119,614; Mar. 26.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Vase. 119,615; Mar. 26.

Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Vase. 119,616; Mar. 26.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Vase. 119,617; Mar. 26.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Vase. 119,618; Mar. 26.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Vase. 119,619; Mar. 26.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Vase. 119,620; Mar. 26.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Vase. 119,621; Mar. 26.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Vase. 119,703; Mar. 26.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Comport. 119,745; Apr. 2.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Bowl or similar article. 119,746; Apr. 2.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Comport. 119,747; Apr. 2.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Jar. 120,341; May 7.
Fuerst, Edwin W., assignor to Libby Glass Company, Toledo, Ohio. Bowl. 121,588; July 23.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Vase. 121,895; Aug. 13.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Vase. 121,896; Aug. 13.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Goblet or similar article. 122,924; Oct. 8.
Fuerst, Edwin W., Toledo, Ohio, and W. D. Teague, New York, N. Y., assignors to Libbey Glass Company, Toledo, Ohio. Glass. 118,620; Jan. 23.
Fuld, Horace A., New York, N. Y. Combined flower block and display stand therefor. 119,430; Mar. 12.
Fuld, Horace A., New York, N. Y. Ash tray. 122,460; Sept. 10.
Fuller Brush Company, The. (See Cave, Henry, assignor.)
Fuller Brush Company, The. (See Le Febvre, Alfred L., assignor.)
Fuller, Daniel B., New York, N. Y. Textile fabric. 118,412; Jan. 2.
Fuller, James H., University City, assignor to M. D. Gibson, Webster Groves, Mo. Cigarette roller. 120,751; May 28.
Fuller, Winston, Portland, and K. A. Walsh, Brockton, N. Y. Ash receptacle or similar article. 119,802; Apr. 2.
Fulton Company, The. (See Thorp, Joel R., assignor.)
Fulton Manufacturing Company, The. (See Williams, Robert G., assignor.)
Fulton, Jr., Robert E., New York, N. Y., assignor to Audio Devices, Inc., New York, N. Y. Base for recording thread brush or the like. 122,287; Sept. 3.
Funderburk, Otis C., Weston, Mass., assignor to F. A. Kane, Derby, Conn. Combined cover and air cleaner unit for internal combustion engine. 120,004; Apr. 16.
Furedy, Frank, assignor to Sun-Kraft, Inc., Chicago, Ill. Therapeutic lamp. 122,288; Sept. 3.
Furedy, Frank, assignor to Sun-Kraft, Inc., Chicago, Ill. Combined therapeutic lamp and support. 122,289; Sept. 3.
G. G. Patent Company, The. (See Grunberg, George, assignor.)
G-H Specialty Co. (See Schmidt, E. L., and Schwabe, assignors.)
Gabel, John, Manufacturing Company, The. (See Stevens, Clifford B., assignor.)
Gabler, Raymond J., assignor to Butler Manufacturing Company, Kansas City, Mo. Sleeve steamer. 120,239; Apr. 30.
Gabriel Company, The. (See Beecher, Eugene L., assignor.)
Gabrielsen, Christian, Belleville, N. J., assignor to Rowe Manufacturing Co., Inc., New York, N. Y. Vending machine cabinet. 118,681; Jan. 23.
Gabrielsen, Christian, Belleville, N. J., assignor to Rowe Manufacturing Co., Inc., New York, N. Y. Vending machine cabinet. 122,016; Aug. 20.
Gaede, George H., Shafter, Calif. Combination tool. 124,023; Dec. 17.
Gaffield, Eli W., Washington, D. C. Pin. 122,720; Sept. 24.
Gagnon, Leo J., assignor to Fosgood Corporation, Leominster, Mass. Barrette. 119,979; Apr. 16.
Gaines, Eugene F., deceased, Bala, by J. S. Gaines, Narberth, Pa., administratrix. Elastic fabric. 119,548; Mar. 19.
Gaines, Jean S., administratrix. (See Gaines, Eugene F.)
Gallagher, Clarence C., Detroit, Mich. Rope clamp. 118,697; Jan. 30.
Gallinger, Hiram B., Superior, Wis. Door closer. 120,752; May 28.
Galowitz, Morris, New York, N. Y. Dress. 119,685; Mar. 26.
Galowitz, Morris, New York, N. Y. Dress. 123,030; Oct. 8.
Galowitz, Morris, New York, N. Y. Dress. 123,973; Dec. 10.
Galowitz, Morris, New York, N. Y. Dress. 123,974; Dec. 10.
Galper, Samuel, New York, N. Y. Leather or similar article. 124,127; Dec. 17.
Galter, Jack, Chicago, Ill. Scales model ornament. 118,737; Jan. 30.
Galter, Jack, Chicago, Ill. Electrically heated steam iron. 118,996; Feb. 13.
Galter, Jack, Chicago, Ill. Flashlight. 119,852; Apr. 9.
Galter, Jack, Chicago, Ill. Combined vehicle lamp and supporting bracket. 120,639; May 21.
Galter, Jack, Chicago, Ill. Sunglasses. 120,885; June 4.
Galter, Jack, Chicago, Ill. Pipe. 123,754; Dec. 3.
Galtieri, Louis, Garfield, N. J. Stair tread. 124,173; Dec. 24.
Galton, Landon C., assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Display stand or similar article. 123,055; Oct. 15.
Gamble Brothers, Incorporated. (See Levi, Daniel, assignor.)
Gans, Gussie, New York, N. Y. Dress or similar article. 123,714; Nov. 26.
Ganz, Harry, New York, N. Y. Buckle. 120,730; May 28.
Ganz, Harry, New York, N. Y. Buckle. 121,808; Aug. 6.
Ganz, Harry, New York, N. Y. Buckle or similar article. 121,471; July 16.
Ganz, Harry, New York, N. Y. Buckle or similar article. 121,472; July 16.
Ganz, Harry, New York, N. Y. Buckle. 123,031; Oct. 8.
Garblik, Samuel, New York, N. Y. Dress. 122,368; Sept. 3.
Gardner, Edgar J., Kansas City, Mo. Display counter. 119,853; Apr. 9.
Gardner, Paul V., assignor to Corning Glass Works, Corning, N. Y. Saucepan. 118,445; Jan. 9.
Garfinkel, Louis, Providence, R. I. Bracelet or similar article. 123,082; Oct. 15.
Garfinkel, Louis, Providence, R. I. Bracelet or similar article. 123,109; Oct. 15.
Garfinkl, Nathaniel, New York, N. Y. Textile fabric. 124,470; Dec. 31.
Garner, Mack E., Newport News, Va. Corner secretary or the like. 120,861; June 4.
Garry, Otto S., New York, N. Y. Sachet bag or similar article. 119,897; Apr. 9.
Garry, Otto S., New York, N. Y. Sachet bag or similar article. 119,898; Apr. 9.
Garry, Otto S., New York, N. Y. Sachet bag or similar article. 119,899; Apr. 9.
Garry, Otto S., New York, N. Y. Sachet bag or similar article. 119,900; Apr. 9.
Garry, Otto S., New York, N. Y. Sachet bag or similar article. 121,228; June 25.
Garten, William, Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Canister or similar container. 118,931; Feb. 13.
Garten, William, Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Canister or similar container. 118,932; Feb. 13.
Garten, William, Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Bread box. 118,933; Feb. 13.
Garvis, Gus G., Des Moines, Iowa. Bun toaster. 123,569; Nov. 19.
Gates Rubber Company, The. (See Heckman, Ralph, assignor.)
Gaudiosi, Margaret, New York, N. Y. Dress or similar article. 123,715; Nov. 26.
Gaudiosi, Margaret, New York, N. Y. Dress or similar article. 123,733; Nov. 26.
Gaudiosi, Margaret, New York, N. Y. Dress or similar article. 123,734; Nov. 26.
Gaudiosi, Margaret, New York, N. Y. Dress. 124,146; Dec. 17.
Gaudiosi, Margaret, New York, N. Y. Dress. 124,147; Dec. 17.
Gaudiosi, Margaret, New York, N. Y. Dress. 124,148; Dec. 17.
Gaudiosi, Margaret, New York, N. Y. Dress. 124,149; Dec. 17.
Gaudiosi, Margaret, New York, N. Y. Dress. 124,150; Dec. 17.
Gaudiosi, Margaret, New York, N. Y. Dress. 124,151; Dec. 17.
Gaudiosi, Margaret, New York, N. Y. Dress. 124,152; Dec. 17.
Gaudiosi, Margaret, New York, N. Y. Dress or similar article. 124,418; Dec. 31.
Gaudreau, Joseph E., South Ashburnham, Mass. Dispensing cap. 122,461; Sept. 10.
Gautschi, Charles E., Port Washington, N. Y. Bird bath. 120,005; Apr .16.
Gay, Frederick J. S., Lahaina, Hawaii. Floor lamp. 123,758; Dec. 3.
Gay, Frederick J. S., Lahaina, Hawaii. Lamp shade. 123,759; Dec. 3.
Gebhart, Lee. (See Rigby, Thomas S., assignor.)
Geddes, Norman B., New York, N. Y. Automobile. 123,616; Nov. 19.
Geerlings, Gerald K., New Canaan, Conn., assignor to A. G. Spalding & Bros. Inc., New York, N. Y. Golf club head. 122,795; Oct. 1.
Geffen, Bertha, New York, N. Y. Dress. 122,369; Sept. 3.
Geffen, Bertha, New York, N. Y. Dress. 122,370; Sept. 3.
Gehn, Oscar, New York, N. Y. Hat. 118,902; Feb. 6.
Gehring, Harry, New York, N. Y. Lace. 119,494; Mar. 19.

Geibig, Frank C., Westfield, N. J., assignor to Oxweld Acetylene Company. Carriage for supporting and propelling a tool, such as a blowpipe. 121,091; June 18.
Geiger, George M. (See Van Doren, H., Dailey, and Geiger.)
Geiger, Russell C., D. A. Meeker, Troy, Ohio, and E. H. Arens, New York, N. Y., assignors to The Hobart Manufacturing Company, Troy, Ohio. Food mixing apparatus. 120,342; May 7.
Geist, Irving, New York, N. Y. Pair of pajamas. 119,575; Mar. 19.
Gelberg, Dora M., New York, N. Y. Vanity case. 122,721; Sept. 24.
Geller, Abraham, New York, N. Y. Dress ensemble. 121,444; July 9.
Geller, Mary, Chicago, Ill. Dress ensemble. 124,249; Dec. 24.
Geller, Mary, assignor to Doctor Dress Co., Inc., Chicago, Ill. Composite tucked fabric or the like. 122,953; Oct. 8.
Gemex Company. (See Sand, John, assignor.)
General Aniline & Film Corporation. (See Dreyfuss, Henry, assignor.)
General Aniline & Film Corporation. (See Lessler, Lew W., assignor.)
General Devices Corporation. (See Grabfield, John J., assignor.)
General Electric Company. (See Bennett, Herbert L., assignor.)
General Electric Company. (See Bruce, Leo I., assignor.)
General Electric Company. (See Ketcham, Howard, assignor.)
General Electric Company. (See Levine, Samuel J., assignor.)
General Electric Company. (See Martial, Jacques, assignor.)
General Electric Company. (See Petzold, William B., assignor.)
General Electric Company. (See Rainbault, John P., assignor.)
General Electric Company. (See Taubert, George G.)
General Electric Company. (See Warner, F. W., Jr., and Treece, assignors.)
General Electric Company. (See Zelt, Elmer J., assignor.)
Gibson Electric Refrigerator Corporation. (See Janes, Richard B., assignor.)
General Fireproofing Company, The. (See Brainard, George C., assignor.)
General Industries Company, The. (See Green, Lee B., assignor.)
General Mills, Inc. (See Thro, Lyle, assignor.)
General Motors Corporation. (See Anderson, Edmund E., assignor.)
General Motors Corporation. (See Kaptur, Vincent D., assignor.)
General Motors Corporation. (See Oswald, John, assignor.)
General Motors Corporation. (See Phelps, A. G., and Stickel, assignors.)
General Motors Corporation. (See Taylor, Rollin P., assignor.)
General Motors Corporation. (See Waterbury, Ronald J., assignor.)
General Time Instruments Corporation. (See Blow, George W., assignor.)
General Tire & Rubber Company. (See Anderson, George W., assignor.)
General Transformer Corporation. (See Pollak, James, assignor.)
Gensburg, David. (See Myers, Louis, assignor.)
Genter, Paul H., Denver, Colo., assignor to The Red Wing Potteries, Inc. Pitcher or similar article. 119,749; Apr. 2.
Gentile, Robert S., New York, N. Y. Textile fabric. 119,704; Mar. 26.
Gentile, Robert S., New York, N. Y. Textile fabric. 119,705; Mar. 26.
Gentile, Robert S., New York, N. Y. Textile fabric. 119,706; Mar. 26.
Gentile, Robert S., New York, N. Y. Textile fabric. 119,707; Mar. 26.
Gentile, Robert S., New York, N. Y. Textile fabric. 120,753; May 28.
Gentile, Robert S., New York, N. Y. Textile fabric. 120,807; May 28.
Gentile, Robert S., New York, N. Y. Textile fabric. 121,010; June 11.
Gentile, Robert S., New York, N. Y. Textile fabric 122,139; Aug. 27.
Gentile, Robert S., New York, N. Y. Textile fabric 123,478; Nov. 12.
Gentile, Robert S., New York, N. Y. Textile fabric 124,357; Dec. 31.
Gentile, Robert S., New York, N. Y., assignor to Tabin-Picker & Company, Chicago, Ill. Textile fabric. 120,956; June 4.
Gentile, Robert S., New York, N. Y., assignor to Tabin-Picker & Company, Chicago, Ill. Textile fabric. 120,957; June 4.
Gentile, Robert S., New York, N. Y., assignor to Tabin-Picker & Company, Chicago, Ill. Textile fabric. 121,047; June 11.
Gentile, Robert S., New York, N. Y., assignor to Tabin-Picker & Company, Chicago, Ill. Textile fabric. 121,229; June 25.
Gentile, Robert S., assignor to Tabin-Picker & Company, Chicago, Ill. Textile fabric. 121,540; July 16.
Geppert, Clark H., Des Moines, Iowa. Folding folio for photographic prints. 122,818; Oct. 1.
Gerhardt, Andrew H., Niles Center, Ill., assignor to Electric Household Utilities Corporation, Chicago, Ill. Ironing machine. 123,617; Nov. 19.
Gerhardt, Andrew H., Niles Center, assignor to Electric Household Utilities Corporation, Chicago, Ill. Ironer. 123,636; Nov. 19.
Gerling, Arthur A., assignor to Knickerbocker Toy Co., Inc., New York, N. Y. Stuffed doll or similar article. 124,311; Dec. 31.
Germana, Vincent. (See Capellazzi, G., and Germana.)
Gessler, Harry C., Brooklyn, N. Y. Salcellar or similar container. 120,547; May 14.
Gest, Max. (See Habig, Harry R., assignor.)
Giannini, Gabriel M., Great Neck, N. Y., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Sound translating device. 120,157; Apr. 23.
Gibson Electric Refrigerator Corporation. (See Janes, R. B., and Norberg, assignors.)
Gibson Electric Refrigerator Corporation. (See Rutenber, Edwin A., assignor.)
Gibson, John, Columbus, Ohio. Locomotive body. 118,370; Jan. 2.
Gibson, Marshall D. (See Fuller, James H., assignor.)
Giebel, Henry, New York, N. Y. Lace. 119,117; Feb. 20.
Gilbert, A. C., Company, The. (See Frisbie, M. H., and Preble, assignors.)
Gilbert, Alfred O., Chicago, Ill. Dress ensemble. 121,138; June 18.
Gilbert, Alfred O., Chicago, Ill. Dress. 122,290; Sept. 3.
Gilbert, Alfred O., Chicago, Ill. Dress. 122,291; Sept. 3.
Gilbert, Alfred O., Chicago, Ill. Dress. 122,292; Sept. 3.
Gilbert, Alfred O., Chicago, Ill. Dress. 122,978; Oct. 8.
Gilbert, Alfred O., Chicago, Ill. Dress. 123,041; Oct. 8.
Gilbert, Felix, New York, N. Y. Camera. 120,731; May 28.
Gill, Clarence D., Trenton, N. J. Vehicle. 123,321; Oct. 29.
Gill, Gaylord C., assignor to Wolverine Spice Company, Grand Rapids, Mich. Checking counter. 118,817; Feb. 6.
Gill, Gaylord C., assignor to Wolverine Spice Company, Grand Rapids, Mich. Display rack. 119,034; Feb. 20.
Gillette, Leslie W., Chicago, Ill. Electric remote controller casing. 123,692; Nov. 26.
Gilligan, Lucy E., Olean, N. Y. Automobile. 118,973; Feb. 13.
Gillon, John W., assignor to Eastman Kodak Company, Rochester, N. Y. Transparency viewer. 118,698; Jan. 30.
Gillon, John W., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic enlarger head. 119,259; Mar. 5.
Gilman, Martin J., Gilman, Conn. Protective armor. 120,311; Apr. 30.
Gilman, Martin J., Gilman, Conn. Protective armor. 124,250; Dec. 24.
Gilman, Martin J., Gilman, Conn. Protective armor. 124,251; Dec. 24.
Gilmore, John L., Kansas City, Mo. Trailer hitch. 120,263; Apr. 30.
Gilpin-Brown, Frances. (See Amend, Ottilie, assignor.)
Ginnel, Henry, Scarsdale, N. Y. Bedpan. 122,636; Sept. 17.
Ginsberg, Louis, New York, N. Y. Dress. 123,446; Nov. 5.
Girouard, Albert, assignor to Fosgood Corporation, Leominster, Mass. Pair of sunglasses. 119,880; Apr. 9.
Girouard, Albert, assignor to Fosgood Corporation, Leominster, Mass. Pair of sunglasses. 119,881; Apr. 9.
Girouard, Albert, assignor to Fosgood Corporation, Leominster, Mass. Pair of sunglasses. 119,882; Apr. 9.
Gits, Jules P., assignor to Gits Molding Corporation, Chicago, Ill. Flashlight. 120,669; May 21.
Gits, Jules P., assignor to Gits Molding Corporation, Chicago, Ill. Flashlight. 120,670; May 21.
Gits Molding Corporation. (See Gits, Jules P., assignor.)
Gjeruldsen, Emma, Brooklyn, N. Y. Door buffer. 121,568; July 23.
Glad, Jack, New York, N. Y. Dress ensemble. 119,721; Mar. 26.
Gladding, McBean & Co. (See Grant, Mary K., assignor.)
Gladstone, Abraham I. (See Mehrer, Ted., assignor.)
Glaser, Leon M. (See Veneman, Carl C., assignor.)
Glaser, Samuel. New York, N. Y. Necktie, or similar article. 122,866; Oct. 1.
Glaser, Theodore C., Newark, N. J. Medal. 120,886; June 4.
Glass, Abe, New York, N. Y. Dress. 123,447; Nov. 5.
Glass, Anne, New York, N. Y. Clip or similar article. 122,231; Aug. 27.
Glass, Faye, New York, N. Y. Dress. 123,537; Nov. 12.
Glass, Faye L., New York, N. Y. Dress ensemble. 120,808; May 28.
Glassman, Maurice H., Inc. (See Cramer, L. F., and (Lawson, assignor).)
Glatman, Moe, New York, N. Y. Dress ensemble. 122,741; Sept. 24.
Glatman, Moe, New York, N. Y. Dress ensemble. 122,742; Sept. 24.

Glauber Brass Manufacturing Company. (See Smith, Horace S., assignor.)
Gleason, John M., Marblehead, assignor to W. F. Schrafft & Sons Corporation, Boston, Mass. Box. 120,158; Apr. 23.
Gleitsman, Harold. (See Rahner, George, assignor.)
Gleitsman, Harold, New York, N. Y. Hamper or similar article. 120,264; Apr. 30.
Glesser, Albert. (See Grubs, F. V., Glesser, and Schindelman.)
Globe American Corporation. (See Sherman, Alvin G., assignor.)
Globe-Union Inc. (See Coldwell, J. S., and Nessen, assignors.)
Globe-Union Inc. (See Goetsch, Roland H., assignor.)
Globe-Wernicke Company, The. (See Baird, Ralph F., assignor.)
Gluckstern, Louis J., Brooklyn, N. Y. Smoker's pipe. 123,099; Oct. 15.
Godefroy, Charles W., University City, Mo. Game board. 124,024; Dec. 17.
Goeltz, Louis H., Milwaukee, Wis. Bathtub. 119,371; Jan. 2.
Goeltz, Louis H., Milwaukee, Wis. Bath tub. 122,594; Sept. 17.
Goetsch, Roland H., assignor to Globe-Union Inc., Milwaukee, Wis. Foot plate for roller skates. 121,370; July 9.
Go-Gay Products Corp. (See Wise, Lawrence, assignor.)
Gold, Ray, New York, N. Y. Textile fabric. 120,434; May 7.
Gold Seal Importers, Inc. (See Freidman, Leo, assignor.)
Goldberg, Jacob M., Denver, Colo. Moving picture reel. 122,017; Aug. 20.
Goldberg, Maurice H., Chicago, Ill., assignor to I. J. London, L. London, and B. W. London, Detroit, Mich. Projector. 118,474; Jan. 9.
Goldberger, Leo J., New York, N. Y. Child's dress. 123,042; Oct. 8.
Golden, Hugh P., Brentwood Heights, Calif. Advertising display device. 121,922; Aug. 13.
Golden, Zelma, Larchmont, N. Y. Dress ensemble. 124,462; Dec. 31.
Golden, Zelma, Larchmont, N. Y. Dress ensemble. 124,491; Dec. 31.
Goldenheim, Alexander, New York, N. Y. Textile fabric. 119,111; Feb. 20.
Goldenheim, Alexander, New York, N. Y. Textile fabric. 119,112; Feb. 20.
Goldfarb, Samuel J., New York, N. Y. Dress. 120,032; Apr. 16.
Goldin, William W., New York, N. Y. Artificial flower. 121,569; July 23.
Goldin, William W., New York, N. Y. Artificial flower. 121,675; July 30.
Goldin, Shepard J., New York, N. Y. Eyeglass case or similar article. 118,934; Feb. 13.
Goldin, Shepard J., New York, N. Y. Chess pieces. 123,570; Nov. 19.
Goldin, Shepard J., Washington, D. C. Chess pieces. 123,647; Nov. 19.
Golding, Alfred, New York, N. Y. Textile fabric. 124,297; Dec. 24.
Goldish, Bella C., New York, N. Y. Dress. 118,997; Feb. 13.
Goldman, Abraham J., Brooklyn, N. Y. Comfortable. 118,903; Feb. 6.
Goldman, Isadore, New York, N. Y. Dress. 123,538; Nov. 12.
Goldman, Isadore, New York, N. Y. Dress. 123,998; Dec. 10.
Goldman, Isadore, New York, N. Y. Dress. 124,096; Dec. 17.
Goldman, M., & Company. (See Goldman, Morris, assignor.)
Goldman, Morris, assignor to M. Goldman & Company, Inc., Bridgeport, Conn. Christmas tree ornament or the like. 122,666; Sept. 24.
Goldsmith, Aaron, et al. (See Wheeler, Edwin F., assignor.)
Goldsmith, John J., New York, N. Y. Textile fabric. 122,867; Oct. 1.
Goldsmith, Leon, Brooklyn, N. Y. Sweater. 118,957; Feb. 13.
Goldsmith, Leon, Brooklyn, N. Y. Sweater. 118,958; Feb. 13.
Goldsmith, Michael D. (See Worth, H., and Goldsmith.)
Goldsmith, Samuel R., New York, N. Y. Handbag. 118,605; Jan. 16.
Goldsmith, Samuel R., New York, N. Y. Handbag. 121,435; July 9.
Goldstein, Aaron A., Buffalo, N. Y. Bloodless circumcision clamp. 119,180; Feb. 27.
Goldstein, Charles, New York, N. Y. Coat. 121,650; July 23.
Goldstein, Charles, New York, N. Y. Coat. 121,834; Aug. 6.
Goldstein, Charles, New York, N. Y. Coat. 121,835; Aug. 6.
Goldstein, Louis, Brooklyn, N. Y., assignor to Claremont Embroidery Co., Union City, N. J. Textile fabric or the like. 122,483; Sept. 10.
Goldstein, Tillie, New York, N. Y. Diaper pantee or similar article. 123,546; Nov. 12.
Golovin, Willard B., assignor to Willard B. Golovin, Inc., New York, N. Y. Box or similar article. 124,097; Dec. 17.
Golovin, Willard B., Inc. (See Golovin, Willard B., assignor.)
Gomez, Daniel J., Sacramento, Calif. Display stand. 119,956; Apr. 16.
Goodale, Paul L., University City, Mo. Comic figure. 118,699; Jan. 30.
Goodell Company. (See Hurlin, W. H., and Rosenthal, assignors.)
Goodman, Jesse J., Bronx, N. Y. Scarf or similar article. 120,078; Apr. 16.
Goodman, Jesse J., Bronx, N. Y. Scarf or similar article. 120,079; Apr. 16.
Goodman, Morton, New York, N. Y. Dress. 123,804; Dec. 3.
Goodman, William V., Brooklyn, assignor to Publix Metal Goods Corp., New York, N. Y. Flower clasp. 123,835; Dec. 3.
Goodrich, B. F., Company, The. (See Bedur, George K., assignor.)
Goodrich, B. F., Company, The. (See Delzell, Harold W., assignor.)
Goodrich, B. F., Company, The. (See L'Hollier, Leslie H., assignor.)
Goodrich, B. F., Company, The. (See L'Hollier, L. H., and Diller, assignors.)
Goodrich, B. F., Company, The. (See Rideout, John G., assignor.)
Goodrich, B. F., Company, The. (See Tousley, Nelson E., assignor.)
Goodrich Electric Company. (See Saaf, Dirk G., assignor.)
Goodstein, Lawrence, New York, N. Y. Comfortable. 120,435; May 7.
Goodstein, Lawrence, New York, N. Y. Comfortable. 120,809; May 28.
Goodstein, Lawrence, New York, N. Y. Comfortable. 121,230; June 25.
Goodstein, Lawrence, New York, N. Y. Comfortable. 121,231; June 25.
Goodwin, John E. (See Skellern, V., and Goodwin.)
Gorad, Samuel. (See Frey, John N., assignor.)
Gordon, Harry, Chicago, Ill. Clock. 120,380; May 7.
Gorham Manufacturing Company. (See Price, James R., assignor.)
Gorska, Leja, assignor to Bernhard Ulmann Co. Inc., New York, N. Y. Knitted afghan or similar article of manufacture. 121,954; Aug. 13.
Goshen Manufacturing Company, The. (See Rink, Robert M., assignor.)
Gosnell, Herbert M., Rochester, N. Y., assignor to Union Steel Products Company, Albion, Mich. Seed rack. 121,869; Aug. 13.
Gotsch, Walter M. Company. (See Hauck, Marie F., assignor.)
Gottlieb, David E., New York, N. Y. Dog leash. 124,073; Dec. 17.
Gottlieb, Joseph. (See Feldman, Manuel, assignor.)
Gottreich, Joseph, New York, N. Y. Dress. 118,998; Feb. 13.
Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric heater. 119,064; Feb. 20.
Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Wringer. 119,065; Feb. 20.
Gougler, Marcelline, Chicago Ill., assignor to Mayer China Company, Beaver Falls, Pa. Plate or similar article. 121,809; Aug. 6.
Gougler, Marcelline, Chicago Ill., assignor to Mayer China Company, Beaver Falls, Pa. Plate or similar article. 121,810; Aug. 6.
Gould, Harold P. (See Mash, H. L., and Gould.)
Gould, Jacob E., Detroit, Mich. Game board. 119,260; Mar. 5.
Government of the United States of America, as represented by the Secretary of War. (See Raylor, J. G., Wilson, and Swanson, assignors.)
Grabfield, John J., Cincinnati, Ohio, assignor to General Devices Corporation, Fort Thomas, Ky. Photographic print drier. 120,732; May 28.
Graef & Schmidt, Inc. (See Buffum, Russell C., assignor.)
Graesser, Carl H., and F. H. Hopkins, Bridgeport, Conn., assignors to Manning Maxwell & Moore, Incorporated, New York, N. Y. Gauge case or similar article. 120,640; May 21.
Graff, Henry S., New York, N. Y. Holder or similar article for a perfume bottle. 123,223; Oct. 22.
Graham, George M., Detroit, assignor to Hinckley-Myers Company, Jackson, Ill. Combined workbench and cabinet or similar article. 118,856; Feb. 6.
Graham, George M., Detroit, assignor to Hinckley-Myers Company, Jackson, Mich. Cylinder compression gauge. 122,667; Sept. 24.
Gralnick Bros., Incorporated. (See Gralnick, Morris, assignor.)
Gralnick, Morris, assignor to Gralnick Bros., Inc., Philadelphia, Pa. Suitcase. 121,436; July 9.
Grand Rapids Store Equipment Company. (See Carter, Thomas A., Jr., assignor.)
Grand Rapids Store Equipment Co. (See Vaughn, Henry P., assignor.)

Grand Rapids Store Equipment Company. (See Williams, P. G., and Welch, assignors.)
Grant, Aaron G., Oakland, Calif. Game board, or similar article. 122,819; Oct. 1.
Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Fire extinguisher or similar article. 121,011; June 11.
Grant, Mary K., assignor to Gladding, McBean & Co., Los Angeles, Calif. Flower holder or similar article. 118,752; Jan. 30.
Grapek, Samuel, New York, N. Y. Hat. 122,868; Oct. 1.
Grauer, Seymour, New York, N. Y. Textile fabric. 124,403; Dec. 31.
Grauer, Seymour, New York, N. Y. Textile fabric. 124.404; Dec. 31.
Graves, Edward B., South Euclid, assignor to Picker X-Ray Corporation, Waite Manufacturing Division, Inc., Cleveland, Ohio. Control panel board for medical X-ray machines. 122,838; Oct. 1.
Gray, Clarence F., Syracuse, N. Y. Candle holder. 123,263; Oct. 29.
Gray, Edgar V., Brightwaters, N. Y. Flashlight for theaters. 121,012; June 11.
Grean, Alexandre M., Mount Vernon, N. Y. Snood-scarf. 120,585; May 14.
Grean, Alexandre M., Mount Vernon, N. Y. Snood-hat. 121,676; July 30.
Greaves, Betty, Chicago, Ill. Dress ensemble. 120,195; Apr. 23.
Greaves, Betty, Chicago, Ill. Dress ensemble. 120,196; Apr. 23.
Greaves, Betty, Chicago, Ill. Dress ensemble. 120,197; Apr. 23.
Greaves, Betty, Chicago, Ill. Dress ensemble. 120,198; Apr. 23.
Greco, Ralph A., New York, N. Y., assignor to La Vivante Foundations Inc. Girdle. 123,777; Dec. 3.
Green Brothers, Incorporated. (See Green, Samuel, assignor.)
Green, Frank C., Great Neck, assignor to Dazian's Incorporated, New York, N. Y. Textile fabric. 123,240; Oct. 22.
Green, Lee B., Lakewood, assignor to The General Industries Company, Elyria, Ohio. Phonograph record changer standard. 120,910; June 4.
Green, Morris, Brooklyn, N. Y. Dress. 119,213; Feb. 27.
Green, Robert O., New York, N. Y. Bolero. 122,082; Aug. 20.
Green, Samuel, assignor to Green Brothers, Incorporated, Norfolk, Va. Service station. 118,935; Feb. 13.
Greenbaum, David, Brooklyn, N. Y. Buckle or similar article. 122,115; Aug. 27.
Greenberg, Abraham, New York, N. Y. Dress. 123,151; Oct. 15.
Greenberg, Louis, assignor to Lewis Steel Products Corporation, Brooklyn, N. Y. Utility cabinet. 119,845; Apr. 9.
Greenberg, Morris, Brooklyn, N. Y. Slipper. 118,475; Jan. 9.
Greenberg, Morris, Brooklyn, N. Y. Slipper. 118,476; Jan. 9.
Greenberg, Morris, and J. Wax, Chicago, Ill. Boy's cap. 124,074; Dec. 17.
Greenberg, Nathan, New York, N. Y. Dress. 123,448; Nov. 5.
Greenberg, Nathan, New York, N. Y. Dress. 123,449; Nov. 5.
Greenberg, Nathan, New York, N. Y. Dress. 123,450; Nov. 5.
Greenblatt, Henry, University City, Mo. Shoe. 119,664; Mar. 26.
Greenblatt, Morris, New York, N. Y. Child's coat. 122,232; Aug. 27.
Greenblatt, Morris, New York, N. Y. Coat. 123,724; Nov. 26.
Greenblau, Abe J., Chicago, Ill. Photocopying apparatus. 119,883; Apr. 9.
Greene, Beatrice, New York, N. Y. Dress or similar article. 124,174; Dec. 24.
Greene, Edward, New York, N. Y. Brassière or similar article. 122,743; Sept. 24.
Greene, Frank R., Ocala, Fla. Boat. 124,128; Dec. 17.
Greene, Frederick E., Westport, assignor to The Sessions Clock Company, Forestville, Conn. Case for clocks or similar articles. 119,385; Mar. 12.
Greene, Frederick E., Westport, assignor to The Sessions Clock Company, Forestville, Conn. Case for clocks or similar articles. 123,749; Nov. 12.
Greenlee Bros. & Co. (See Abramson, John H., assignor.)
Greenstein, Ben, New York, N. Y. Dress. 123,805; Dec. 3.
Greenstein, Joseph N., Chicago, Ill. Dress. 119,246; Feb. 27.
Greenstein, Joseph N., Chicago, Ill. Dress ensemble. 119,247; Feb. 27.
Greif Bros. Cooperage Corporation, The. (See Arnold, Charles B., assignor.)
Greig, Martha, New York, N. Y. Holding clip for photographic negatives and prints. 118,477; Jan. 9.
Greth, August S., Santa Cruz, Calif. Combined portable tub and shower cabinet. 122,018; Aug. 20.
Greth, August S., Santa Cruz, Calif. Combined portable bath and shower cabinet. 122,682; Sept. 24.
Grezlak, Josephine M., Omaha, Nebr. Leg garment protector. 120,887; June 4.
Gribben, Patrick, Woodside, N. Y. Display stand for spectacles or the like. 123,350; Oct. 29.
Griffin, Francis D., Syracuse, N. Y., assignor to United Steel and Wire Company, Battle Creek, Mich. Display rack. 122,462; Sept. 10.
Griffith, Charles F., Merion, Pa. Lather's tool head. 118,700; Jan. 30.
Griffith, Earl G., and H. L. Johnson, Jamestown, N. Y. Lantern reflector. 121,992; Aug. 20.
Griffith, Lester G. (See Villasenor, David V., assignor.)
Grilli, Florence, New York, N. Y. Dress ensemble. 118,773; Jan. 30.
Grise, George G., Lakewood, Ohio. Desk. 123,806; Dec. 3.
Grivin, Adolphe, New York, N. Y. Textile fabric. 119,495; Mar. 19.
Grobstein, Irving, New York, N. Y. Dress ensemble. 122,546; Sept. 10.
Grodnick, Newman, North Bergen, N. J. Textile fabric. 118,999; Feb. 13.
Grodnick, Newman, North Bergen, N. J. Textile fabric. 119,000; Feb. 13.
Groene, William F., assignor to The R. K. LeBlond Machine Tool Company, Cincinnati, Ohio. Cutting speed indicating dial. 120,121; Apr. 23.
Gro-Lux, Incorporated. (See Paskewitz, Frank F., assignor.)
Groner, Samuel, Chicago, Ill. Dress. 123,547; Nov. 12.
Groner, Samuel, Chicago, Ill. Dress. 123,836; Dec. 3.
Gross, A., Candle Co. (See Baumer, Norbert J., assignor.)
Gross, Alexander S., New York, N. Y. Dress. 119,916; Apr. 9.
Gross, Alexander S., New York, N. Y. Dress. 119,917; Apr. 9.
Gross, Fred G., Chicago, Ill. Light fixture. 119,854; Apr. 9.
Gross, Harry B., Brooklyn, N. Y. Combination lamp and mirror or similar article. 120,527; May 14.
Grossman, Alex, Jersey City, N. J. Embroidered fabric. 122,140; Aug. 27.
Grossman, Alex, Jersey City, N. J. Embroidered fabric. 122,141; Aug. 27.
Grossman, Alex, Jersey City, N. J. Embroidered fabric. 122,142; Aug. 27.
Grossman, Alex, Jersey City, N. J. Embroidered fabric. 122,143; Aug. 27.
Grossman, Alex, Jersey City, N. J. Embroidered fabric. 122,144; Aug. 27.
Grossman, Samuel, Chicago, Ill. Dress. 120,564; May 14.
Grossman, Samuel, Chicago, Ill. Dress. 121,139; June 18.
Grossman, Samuel, Chicago, Ill. Dress ensemble. 122,995; Oct. 8.
Grossman, Samuel, Chicago, Ill. Dress. 123,013; Oct. 8.
Grover, Frederic S., Rochester, assignor to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Signal device. 118,857; Feb. 6.
Grover, Frederic S., assignor to The Stromberg-Carlson Telephone Manufacturing Co., Rochester, N. Y. Telephone switchboard. 122,796; Oct. 1.
Grover, Lyndon V., Los Angeles, Calif. Horn housing or similar article. 120,911; June 4.
Groves, Florence E., Bechenham, England. Scrub bucket. 119,327; Mar. 5.
Gruber, Abraham, New York, N. Y. Suit ensemble. 121,749; July 30.
Gruber, Abraham, New York, N. Y. Coat. 122,516; Sept. 10.
Grubs, Frank V., New Rochelle, A. Glesser, and M. Schindelman, Brooklyn, N. Y. Shoe. 120,641; May 21.
Grunberg, George, New York, N. Y. Atomizer. 118,555; Jan. 16.
Grunberg, George, New York, N. Y. Perfume bottle. 119,386; Mar. 12.
Grunberg, George, New York, N. Y. Perfume bottle. 119,781; Apr. 2.
Grunberg, George, New York, N. Y. Perfume bottle. 124,025; Dec. 17.
Grunberg, George, New York, N. Y., assignor to The G. G. Patent Company, Cincinnati, Ohio. Bottle stopper. 122,941; Oct. 8.
Grunberg, George, New York, N. Y., assignor to The G. G. Patent Company, Cincinnati, Ohio. Bottle stopper. 122,942; Oct. 8.
Grybos, John J., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Aerial fire truck. 122,507; Sept. 10.
Guay, Leopold J., Bronx, N. Y. Thumb stall. 118,372; Jan. 2.
Gubbins, George P., Oak Park, Ill. Organ casing. 120,754; May 28.
Gubbins, George P., Oak Park, Ill. Organ casing. 122,595; Sept. 17.
Guerlain Perfumery Corporation of Delaware. (See Guerlain, Raymond, assignor.)
Guerlain, Raymond, Paris, France, assignor to Guerlain Perfumery Corporation of Delaware, Wilmington, Del. Powder box. 119,665; Mar. 26.
Guhl, Maclyn, New York, N. Y. Textile fabric. 121,355; July 2.
Guhl, Maclyn, New York, N. Y. Textile fabric. 121,356; July 2.

Guhl, Maclyn, New York, N. Y. Textile fabric. 121,727; July 30.
Guhl, Maclyn, assignor to Rovet Inc., New York, N. Y. Textile fabric. 118,373; Jan. 2.
Guhl, Maclyn L., Forest Hills, N. Y. Textile fabric. 120,833; May 28.
Guhl, Maclyn L., Forest Hills, N. Y. Textile fabric. 120,958; June 4.
Guild, Lurelle. (See Huber, P. P., and Guild.)
Guild, Lurelle, Darien, Conn. Fan casing or similar article. 122,943; Oct. 8.
Guild, Lurelle, Darien, assignor to The Acme Shear Company, Bridgeport, Conn. Shears. 119,038; Feb. 20.
Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Platter or similar article. 118,556; Jan. 16.
Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Dish or similar article. 118,557; Jan. 16.
Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Cigarette box or similar article. 118,558; Jan. 16.
Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Paper roll holder or similar article. 118,936; Feb. 13.
Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Salt shaker or similar article. 118,937; Feb. 13.
Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Note pad holder or similar article. 119,165; Feb. 27.
Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Bowl or similar article. 119,166; Feb. 27.
Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Tray or similar article. 119,855; Apr. 9.
Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Covered dish or similar article. 119,957; Apr. 16.
Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Covered dish or similar article. 119,958; Apr. 16.
Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Bowl or similar article. 120,219; Apr. 30.
Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Dish or similar article. 120,220; Apr. 30.
Guild, Lurelle, Noroton, Conn., assignor to Corning Glass Works, Corning, N. Y. Tile. 121,836; Aug. 6.
Guild Lurelle, Noroton, Conn., and W. W. Brossman, Pittsburgh, assignor to Kensington, Incorporated, New Kensington, Pa. Cigarette box or similar article. 120,404; May 7.
Guild, Lurelle V., Darien, assignor to The Kron Company, Bridgeport, Conn. Casing for chain hoist mechanism or the like. 123,083; Oct. 15.
Guild, Lurelle V., Darien, assignor to The Kron Company, Bridgeport, Conn. Pulley for chain hoists or the like. 123,084; Oct. 15.
Guild, Lurelle V. A., Noroton, Conn., assignor to Edwards and Company, Inc., Norwalk, Conn. Push button switch. 122,293; Sept. 3.
Guild, Lurelle V. A., Noroton, assignor to Edwards and Company, Inc., Norwalk, Conn. Push button switch. 122,954; Oct. 8.
Guinzburg, George K., Chappaqua, assignor to I. B. Kleinert Rubber Company, New York, N. Y. Drinking glass cover or similar article. 119,959; Apr. 16.
Guinzburg, George K., Chappaqua, assignor to I. B. Kleinert Rubber Company, New York, N. Y. Drinking glass cover or similar article. 119,960; Apr. 16.
Gunter, Edward R., Dubuque, Iowa. Ridge ventilator. 121,410; July 9.
Gurrieri, Louis, New York, N. Y. Fishing rod handle or analogous article. 119,261; Mar. 5.
Gurrieri, Louis, New York, N. Y. Fishing rod handle or analogous article. 119,262; Mar. 5.
Gussack, Henry W., New York, N. Y. Carpet sweeper. 123,292; Oct. 29.
Gustafson, Lewis H., assignor to Pro-phy-lac-tic Brush Company, Northampton, Mass. Hair brush. 121,092; June 18.
Guth, Edwin F., St. Louis, Mo. Fluorescent lighting fixture. 120,548; May 14.
Guth, Edwin F., Company. (See Koegel, Ervin C., assignor.)
Guthrie, Bernard M., assignor to Fairbanks, Morse & Co., Chicago, Ill. Stoker. 123,310; Oct. 29.
Gutlon, Sidney S., Newton, assignor to Modern Curtain Co., Inc., Boston, Mass. Curtain. 122,596; Sept. 17.
Gutlon, Sidney S., Newton, assignor to Modern Curtain Co. Inc., Boston, Mass. Curtain. 123,124; Oct. 15.
Guttman, John, Elmhurst, N. Y., assignor to Arrow Manufacturing Company, Incorporated, Hoboken, N. J. Display case. 120,221; Apr. 30.
Guyot Brothers Company. (See Weiss, Edward A., assignor.)
H D Electric Co. (See Fletcher, John, assignor.)
Haan, Edward H., Chicago, Ill. Shoe. 119,496; Mar. 19.
Haas, Frank A., New York, N. Y. Carpet or similar article. 122,354; Sept. 3.
Haas, Frank A., New York, N. Y. Carpet or similar article. 122,820; Oct. 1.
Haas, Frank A., New York, N. Y. Carpet or similar article. 122,821. Oct. 1.
Haas, Frank A., New York, N. Y. Rug or similar article. 123,548; Nov. 12.
Haas, Harry, Jr., New Orleans, La., assignor to The Jennings Brothers Manufacturing Company, Bridgeport, Conn. Ash tray. 120,671; May 21.
Haas, Paul, assignor to Hygrade Sylvania Corporation, Emporium, Pa. Electron tube base or similar article. 124,193; Dec. 24.
Haas, William, New York, N. Y. Button or similar article. 123,881; Dec. 10.
Haase, Lawrence H., Hinsdale, assignor to Sears, Roebuck and Co., Chicago, Ill. Electric toaster. 123,941; Dec. 10.
Haasl, Frank L., and C. F. Kiser, Chicago, Ill. Wheel balancing machine. 119,181; Feb. 27.
Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Sink. 122,722; Sept. 24.
Habig, Harry R., assignor of one-half to M. Gest, Cincinnati, Ohio. Enlarger. 120,505; May 14.
Hacker, Mathilda, New York, N. Y. Glove. 121,140; June 18.
Hacklander, Hans. (See Park, M. S., and Hacklander.)
Hadad, Mitchel E., Port Chester, N. Y. Knitted textile fabric. 119,722; Mar. 26.
Hadden, Gilbert E., Chicago, Ill. Tooth brush handle. 121,437; July 9.
Hadley, Donald L., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Laundry machine. 119,497; Mar. 19.
Haegele, Albert J., St. Louis, Mo. Ring. 120,618; May 21.
Haertel, Walter, Products Co. (See Trask, Allen, assignor.)
Hager, David R., Portola, Calif. Combined hook and clevis. 121,897; Aug. 13.
Haggander, Sylvia. (See Fontaine, A., and Haggander.)
Haggart, John C., Jr., Westfield, N. J., assignor to Signal Service Corporation. Reflector signal device or the like. 120,549; May 14.
Haggart, John C., Jr., Westfield, N. J., assignor to Signal Service Corporation. Reflector signal device or the like. 120,550; May 14.
Haggart, John C., Jr., Westfield, N. J., assignor to Signal Service Corporation. Reflector signal device or the like. 120,551; May 14.
Haggstrom, Arthur C., Rockford, assignor to J. H. Keeney & Co., Inc., Chicago, Ill. Cabinet for a loudspeaker. 122,683; Sept. 24.
Hagstrom, Jerome E., assignor to C. E. Hovey, trustee, Kansas City, Mo. Coin changing machine. 123,264; Oct. 29.
Hahn, Norbert R., New York, N. Y. Mascara applicator or similar article. 122,019; Aug. 20.
Haines, John R., Medford, N. J. Combined signal switch and support therefor. 122,517; Sept. 10.
Haines, John R., Medford, N. J. Combined automobile grille guard and lamps. 122,967; Oct. 8.
Hait, Howard H. (See Sandin, H. J., and Hait.)
Halikman, Harris K., Lynn, assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 122,891; Oct. 8.
Hall, Mercedes, New York, N. Y. Convertible purse. 120,586; May 14.
Hall, Robert A., Bronx, N. Y. Automobile emblem plate. 122,294; Sept. 3.
Halladay, Stuart C., Franklin, Mass. Rug. 119,126; Feb. 20.
Hallbauer, Otto. (See Tobler, H., and Hallbauer, assignors.)
Halliburton, Erle P., Inc. (See Cantwell, Robert W., assignor.)
Hallward, Michael, Marblehead, assignor to Hygrade Sylvania Corporation, Salem, Mass. Fluorescent lamp. 124,177; Dec. 24.
Halper, Samuel, New York, N. Y. Ring. 124,312; Dec. 31.
Halpern, Raymond, New York, N. Y. Negligee. 122,822; Oct. 1.
Halpern, Raymond, New York, N. Y. Negligee. 122,869; Oct. 1.
Hamacher, Eva E. (See Martin, B., and Hamacher.)
Hamilton Corporation, The. (See Tyler, Theodore R., assignor.)
Hamilton, J. T. & A., Company. (See Kihn, Lawrence J., assignor.)
Hamilton, J. T., & A., Company. (See Lindsey, Ralph D., assignor.)
Hamilton, J. T. & A., Company. (See Meier, John H., Jr., assignor.)
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Doily or similar article. 123,351; Oct. 29.
Hamilton Manufacturing Company. (See Christensen, John W., assignor.)
Hamilton Metal Products Company, The. (See Piker, Herbert M., assignor.)
Hamilton, William J., Jr., Westfield, N. J. Knitting or sewing bowl. 120,296; Apr. 30.

Hammell, Kemper M., Toledo, Ohio, and C. W. Sundberg, Detroit, Mich., assignors to The Swartzbaugh Manufacturing Company, Toledo, Ohio. Electric heater. 118,774; Jan. 30.
Hammell, Kemper M., Toledo, Ohio, and C. W. Sundberg, Detroit, Mich., assignors to The Swartzbaugh Manufacturing Company, Toledo, Ohio. Electric heater. 118,775; Jan. 30.
Hammer, Ernest, Irvington, N. J. Finger ring. 121,473; July 16.
Hammerschmidt, Leo, St. Louis, Mo. Flashlight for ladies' purses. 123,837; Dec. 3.
Hammond, Ethel M., New York, N. Y. Combined container and soap display. 121,371; July 9.
Hammond, Ethel M., New York, N. Y. Combined container and soap and cosmetic display. 123,500; Nov. 12.
Hammond Instrument Company. (See Stephens, George H., assignor.)
Hammond, Laurens, Chicago, Ill. Tone cabinet. 124,405; Dec. 31.
Hampden Specialty Products, Inc. (See Schaffer, Edward A., assignor.)
Hanisch, Arthur O., Altadena, Calif. Stocking or similar article. 121,570; July 23.
Hanisch, Arthur O., Altadena, Calif., assignor to Infants Socks, Inc., Reading, Pa. Stocking or similar article. 124,406; Dec. 31.
Hanle, Benjamin W., Elizabeth, N. J., assignor to Eagle Pencil Company, New York, N. Y. Combination desk unit. 122,265; Sept. 3.
Hannah, Fritzie, New York, N. Y. Dress or similar article. 124,175; Dec. 24.
Hannah, Fritzie, New York, N. Y. Dress or similar article. 124,176; Dec. 24.
Hannan, Douglas, New York, N. Y. Combined dial and hands for a clock or similar article. 122,266; Sept. 3.
Hansen, Merrill E., assignor to American Anode Inc., Akron, Ohio. Aviator's oxygen mask or similar article. 121,069; June 18.
Haon, Dorothy, New York, N. Y. Dress. 124,098; Dec. 17.
Haon, Marion, New York, N. Y. Dress. 119,248; Feb. 27.
Haon, Marion, New York, N. Y. Dress. 119,918; Apr. 9.
Haon, Marion, New York, N. Y. Dress. 120,280; Apr. 30.
Haon, Marion, New York, N. Y. Dress. 120,322; Apr. 30.
Haon, Marion, New York, N. Y. Dress. 120,323; Apr. 30.
Haon, Marion, New York, N. Y. Dress ensemble. 120,405; May 7.
Haon, Marion, New York, N. Y. Dress ensemble. 120,406; May 7.
Haon, Marion, New York, N. Y. Dress. 120,483; May 14.
Harbaugh, Watson D. (See Feltman, E. G., and Harbaugh.)
Harbeson, Frank C., Georgetown, Ind. Display stand. 118,904; Feb. 6.
Harders Company. (See Douglas, Emma O., assignor.)
Hardwick & Magee Company. (See Oakley, Alfred, assignor.)
Hardy, Edwin R., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Battery display rack. 122,163; Aug. 27.
Harer, Otto H., Painesville, Ohio. Memorial grave marker. 120,755; May 28.
Harman, Leslie, Oakland, Calif. Chair. 120,222; Apr. 30.
Harmer, Joseph J., Newburgh, N. Y. Game board. 122,395; Sept. 10.
Harper, Sylvester Q., Miami, Fla. Green pea sheller. 123,186; Oct. 22.
Harriman, Charles E., West Bridgewater, assignor to Jones & Vining, Inc., Brockton, Mass. Shoe tree. 122,956; Oct. 8.
Harris, Carl C., Orange, Mass. Lead propelling pencil. 119,263; Mar. 5.
Harris, Clarence D., Nampa, Idaho. Fence. 118,446; Jan. 9.
Harris, Cleo, Kalamazoo, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Drawn furnace radiator. 122,968; Oct. 8.
Harris, Clinton H., assignor to International Industries, Inc., Ann Arbor, Mich. Photographic camera. 122,020; Aug. 20.
Harris, Dorothy, Chicago, Ill. Dress. 122,532; Sept. 10.
Harris, Dorothy, Chicago, Ill. Dress. 122,744; Sept. 24.
Harris, Dorothy, Chicago, Ill. Dress. 122,745; Sept. 24.
Harris, Herbert H., New York, N. Y. Perfumery bottle or similar article. 120,672; May 21.
Harris, Herbert H., New York, N. Y. Container for toilet articles. 121,190; June 25.
Harris, Herbert M., New York, N. Y. Dress. 120,312; Apr. 30.
Harris, Herbert M., New York, N. Y. Dress. 120,324; Apr. 30.
Harris, Herbert M., New York, N. Y. Dress. 120,325; Apr. 30.
Harris, Herbert M., New York, N. Y. Dress. 120,420; May 7.
Harris, Herbert M., New York, N. Y. Dress. 120,713; May 21.
Harris, Herbert M., New York, N. Y. Dress. 120,714; May 21.
Harris, Herbert M., New York, N. Y. Dress. 120,959; June 4.
Harris, Herbert M., New York, N. Y. Dress ensemble. 122,746; Sept. 24.
Harris, Herbert M., New York, N. Y. Dress. 122,747; Sept. 24.
Harris, Herbert M., New York, N. Y. Dress. 122,748; Sept. 24.
Harris, Herbert M., New York, N. Y. Dress. 122,955; Oct. 8.
Harris, Herbert M., New York, N. Y. Dress. 124,492; Dec. 31.
Harris, Leonard O. D., Forest City, N. C. Coin receptacle. 121,589; July 23.
Harrison, Joseph S., Atlanta, Ga. Advertising display stand. 124,153; Dec. 17.
Harrison, William H., Los Angeles, Calif. Display cabinet. 122,463; Sept. 10.
Hart & Cooley Manufacturing Company. (See De Roo, William C., assignor.)
Hart & Cooley Manufacturing Co. (See Heasley, Loyd E., assignor.)
Hart & Cooley Manufacturing Company. (See Tammen, Glenn W., assignor.)
Harter, Howard F., Brooklyn, N. Y. Sheet of decorative paper or similar article. 121,764; Aug. 6.
Harter, Howard F., Brooklyn, N. Y. Decorative paper or similar article. 121,837; Aug. 6.
Hartman, Aaron M., New York, N. Y. Hat. 119,471; Mar. 12.
Hartmann, Joseph, Garfield, N. J. Embroidered fabric or similar article. 122,355; Sept. 3.
Hartmann, Joseph, Garfield, N. J. Embroidered fabric or similar article. 122,356; Sept. 3.
Harttmann, Lina, New York, N. Y. Textile fabric or similar article. 118,413; Jan. 2.
Harvey, Frank. (See Anderson, W. C., and Harvey.)
Harvey, James A., Roanoke, Va. Hub tool. 120,974; June 11.
Haskins, Thomas F. W., et al. (See Evans, Oscar R., assignor.)
Haslup, Dodson, Grafton, W. Va. Pitcher or similar article. 118,721; Jan. 30.
Hastedt, John, et al. (See Biva, Lucien, assignor.)
Hastedt, John, et al., co-executors. (See Biva, Lucien.)
Hastings, Frederick E., Leominster, Mass., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Comb or similar article. 122,568; Sept. 17.
Hastings, Frederick E., Leominster, Mass., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Comb or similar article. 122,569; Sept. 17.
Hat Corporation of America. (See Cavanagh, John, assignor.)
Hatch, Meredith R. (See Rode, F. J., and Hatch.)
Hatfield, Paul L., Wichita, Kans. Backbar. 123,352; Oct. 29.
Hathaway, Lewis M., New York, N. Y. Display stand for perfume or the like. 119,750; Apr. 2.
Haub, Edwin, Zanesville, Ohio, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Pitcher. 120,484; May 14.
Hauck, Marie F., assignor to Walter M. Gotsch Company, Chicago, Ill. House coat or similar article. 120,888; June 4.
Haug, Emil, Hackensack, N. J. Slipper. 118,818; Feb. 6.
Hauptman, Wesley R., assignor to Nassour Bros., Inc., Ltd., Los Angeles, Calif. Perfume bottle. 121,070; June 18.
Havey, Philip F., Washington, D. C. Protective mat for bottles, glasses or the like. 121,765; Aug. 6.
Havey, Philip F., Washington, D. C. Protective mat for bottles, glasses or the like. 121,766; Aug. 6.
Havlis, Adolph J., Oak Park, assignor to Keystone Metal Products Co., Chicago, Ill. Tumbler rack. 118,621; Jan. 23.
Havlis, Adolph J., Oak Park, Ill., assignor to Keystone Metal Products Co., Chicago, Ill. Tumbler rack. 124,218; Dec. 24.
Havlis, Adolph J., Oak Park, Ill., assignor to Keystone Metal Products Co., Chicago, Ill. Tumbler rack. 124,219; Dec. 24.
Hawkins, Irving J., and R. L. Nadeau, St. Paul, Minn. Bull's-eye target game device. 118,938; Feb. 13.
Hawkins, Irving J. and R. L. Nadeau, St. Paul, Minn. Bull's-eye target game device. 118,939; Feb. 13.
Hawkinson, Paul E., Company. (See Hawkinson, Paul E., assignor.)
Hawkinson, Paul E., assignor to P. E. Hawkinson Company, Minneapolis, Minn. Tire. 122,570; Sept. 17.
Haydel, Hubert J., New Orleans, La. Pocketknife. 118,622; Jan. 23.
Hayes, Marion C. (See Keller, Victor D., assignor.)
Hayes, Stacy M., Gold Beach, Oreg. Game board. 122,797; Oct. 1.
Hays Corporation, The. (See Ziebolz, Herbert, assignor.)
Hazel-Atlas Glass Company. (See Haub, Edwin, assignor.)
Hazel-Atlas Glass Company. (See Herpel, Kathryn S., assignor.)
Hazel-Atlas Glass Company. (See Smith, Frasier, assignor.)
Hazel-Atlas Glass Company. (See Spence, James E., assignor.)

Heaslet, James G., Hudson, assignor to The Cleveland Tractor Company, Cleveland, Ohio. Fender for automotive vehicles. 121,093; June 18.
Heasley, Loyd E., assignor to Hart & Cooley Manufacturing Co., Holland, Mich. Register. 121,811; Aug. 6.
Heath, Perry W. (See Prentice, Frederick C., assignor.)
Heath, Wilfrid P., Richmond Beach, Wash. Lighting fixture. 121,094; June 18.
Heath, Wilfrid P., Richmond Beach, Wash. Lighting fixture. 121.296; July 2.
Heath, Wilfrid P., Richmond Beach, Wash. Lighting fixture. 121,590; July 23.
Heath, Wilfred P., Richmond Beach, Wash. Lighting fixture. 121.591; July 23.
Heath, Wilfrid P., Richmond Beach, Wash. Lighting fixture. 123,760; Dec. 3.
Hebel, Helen M., Decatur, Ill. Combination toothpick holder and diet chart. 120,733; May 28.
Hecker Products Corporation. (See Forsyth, James F., assignor.)
Heckman, John A., and B. Arvidson, Elmhurst, Ill. Combined illuminating lamp shade and supporting bracket. 120,912; June 4.
Heckman, Ralph, assignor to The Gates Rubber Company, Denver, Colo. Tire display rack. 123,807; Dec. 3.
Heddon, John, assignor to James Heddon's Sons, Dowagiac, Mich. Golf club shaft or the like. 118,594; Jan. 16.
Heddon's. James, Sons. (See Heddon, John, assignor.)
Hedger, John R., Lansing, Mich. Game board. 123,882; Dec. 10.
Heeschen, Carl F., Davenport, assignor to R. C. Neff, Iowa City, Iowa. Candle. 119,498; Mar. 19.
Hefiin, Le Roy, and K. M. Skuderna, Rocky Ford, Colo. Game board. 119,751; Apr. 2.
Heidbreder, Herman H., Quincy, Ill., assignor to Portland Stove Foundry Co., Portland, Maine. Combination gas and coal range. 119,328; Mar. 5.
Heinke, Alfred J., Paterson, N. J., and A. Kahn, New York, N. Y., assignors to Oshkosh Trunks, Incorporated, Oshkosh, Wis. Textile fabric. 121,788; Aug. 6.
Heinze Electric Corporation. (See Curtis, George H., assignor.)
Heinze, Levant M., Prospect Park, Pa. Dart board. 118,447; Jan. 9.
Heisey, A. H., & Company. (See Heisey, T. Clarence, assignor.)
Heisey, T. Clarence, assignor to A. H. Heisey & Company, Newark, Ohio. Soda glass or article of similar nature. 119,856; Apr. 9.
Heisinger, Antonio C., Santiago, Cuba. Electric safety switch. 123,716; Nov. 26.
Heisler, George, Wooster, assignor to The Fredericksburg Art Pottery Company, Fredericksburg, Ohio. Combined shelf and support therefor. 120,862; June 4.
Heit, Philip, New York, N. Y. Dress. 118,776; Jan. 30.
Heit, Philip,, New York, N. Y. Dress. 118,777; Jan. 30,
Heit, Philip, New York, N. Y. Dress ensemble. 119,142; Feb. 20.
Heit, Philip, New York, N. Y. Dress. 119,318; Mar. 5.
Heit, Philip, New York, N. Y. Dress ensemble. 119,359; Mar. 5.
Heit, Philip, New York, N. Y. Dress. 119,549; Mar. 19.
Heit, Philip, New York, N. Y. Dress ensemble. 119,550; Mar. 19.
Heit, Philip, New York, N. Y. Dress. 119,686; Mar. 26.
Heit, Philip, New York, N. Y. Dress ensemble. 120,066; Apr. 16.
Heit, Philip, New York, N. Y. Dress ensemble. 120,297; Apr. 30.
Heit, Philip, New York, N. Y. Dress. 121,656; July 23.
Heit, Philip, New York, N. Y. Dress. 122,357; Sept. 3.
Heit, Philip, New York, N. Y. Dress. 122,358; Sept. 3.
Heit, Philip, New York, N. Y. Dress. 124,493; Dec. 31.
Heit, Philip, New York, N. Y. Dress. 124,494; Dec. 31.
Helander, Lillian V. M., assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 121.160; June 25.
Helander. Lillian V. M., assignor to International Silver Company, Meriden, Conn. Spoon or other article of flat-ware. 122,021; Aug. 20.
Helander, Lillian V. M., assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 122,798; Oct. 1.
Helios Lighter Corporation. (See Federico, Joseph B., assignor.)
Heller, Preston B., Chicago, Ill. Container for powdered solids. 122,315; Sept. 3.
Heller, Robert, New York, assignor to The Jacobs Bros. Co. Inc., Brooklyn, N. Y. Scale casing. 118,701; Jan. 30.
Helms, Elliott H., Los Angeles, Calif. Ice cream dispensing cabinet or similar article. 118,448; Jan. 9.
Hem, Halvor W., Toledo, Ohio. Weighing scale. 121,767; Aug. 6.
Hemphill, Edward C. and E. M., San Francisco, Calif. Head warmer. 121,232; June 25.
Hemphill, Elsie M. (See Hemphill, Edward C. and E. M.)
Henderson, Robert M., Fernandina, Fla. Radio cabinet. 121,858; Aug. 6.
Henderson, Russel S., Morristown, assignor to Weldon Robert Rubber Co., Newark, N. J. Combined dispensing container and eraser display, or the like. 123,248; Oct. 22.
Hendrickson, Jack L., Wheeling, W. Va., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Jar. 119,521; Mar. 19.
Hendrix, Joseph W., Shreveport, La. Drag line bucket. 121,812; Aug. 6.
Henesberg, Murray, New York, N. Y. Dress. 123,778; Dec. 3.
Henkel, Andrew L., and B. M. Ewing, assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Table and seat unit. 121,244; June 25.
Henkel, Andrew L., and B. M. Ewing, assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Ash tray. 121,275; July 2.
Henkel, Andrew L., and B. M. Ewing, assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Bowling alley service unit or similar article. 121,276; July 2.
Henkel, Andrew L., and B. M. Ewing, assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Terminal post for bowling ball racks or the like. 121,318; July 2.
Henkel, Andrew L., and B. M. Ewing, assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Newel post for bowling ball racks or the like. 121,319; July 2.
Henkel, Andrew L., and B. M. Ewing, assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Rack for glasses or the like. 121,388; July 9.
Henkel, Andrew L., and B. M. Ewing, assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Combined seat, score table, and bowling alley service unit or similar article. 121,411; July 9.
Henkel, Andrew L., and B. M. Ewing, assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Settee end panel. 121,870; Aug. 13.
Henkel, Andrew L., and B. M. Ewing, assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Service shelf for bowlers. 122,335; Sept. 3.
Henkel, Andrew L., and B. M. Ewing, assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Settee. 122,598; Sept. 17.
Hennessy, John F., assignor to Geo. D. Roper Corporation, Rockford, Ill. Utensil support for a domestic range. 119,039; Feb. 20.
Henry Aline, New York, N. Y. Dress ensemble. 120,565; May 14.
Henry, Aline, New York, N. Y. Dress. 120,834; May 28.
Henry, Aline, New York, N. Y. A dress. 124,252; Dec. 24.
Herbert, Sidney. (See Meadow, Noel, assignor.)
Herdegen, Ilsa, New York, N. Y. Robe. 122,749; Sept. 24.
Herdegen, Ilsa, New York, N. Y. Robe. 123,522; Nov. 12.
Herlihy, Anne F., New York, N. Y. Toy or similar article. 122,396; Sept. 10.
Herlihy, Anne F., New York, N. Y. Toy or similar article. 122,397; Sept. 10.
Herlihy, Anne F., New York, N. Y. Toy or similar article. 122,398; Sept. 10.
Herlihy, Anne F., New York, N. Y. Toy or similar article. 122,399; Sept. 10.
Herlihy, Anne F., New York, N. Y. Toy or similar article. 122,400; Sept. 10.
Herlihy, Anne F., New York, N. Y. Toy or similar article. 122,401; Sept. 10.
Herlihy, Anne F., New York, N. Y. Toy or similar article. 122,402; Sept. 10.
Herlihy, Anne F., New York, N. Y. Toy or similar article. 122,403; Sept. 10.
Herlihy, Anne F., New York, N. Y. Toy or similar article. 122,404; Sept. 10.
Herlihy, Anne F., New York, N. Y. Toy or similar article. 122,405; Sept. 10.
Herlihy, Anne F., New York, N. Y. Toy or similar article. 122,406; Sept. 10.
Herold, James L., St. Louis, Mo., assignor to Barry-Wehmiller Machinery Company. Bottle washer. 119,622; Mar. 26.
Herold, James L., St. Louis, and F. W. Wehmiller, Ladue, assignors to Barry-Wehmiller Machinery Company, St. Louis, Mo. Pasteurizer or similar article. 123,618; Nov. 19.
Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Bicycle hub. 121,716; July 30.
Herold, Walter F., Easton, assignor to The Bassick Company, Bridgeport, Conn. Guard member for bicycle wheel hubs. 121,717; July 30.
Herpel, Kathryn S., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Dish. 118,819; Feb. 6.
Herr, Frank E., Lancaster, Pa. Oil burner. 121,071; June 18.
Herr, Frank E., Lancaster, Pa. Oil burner. 122,295; Sept. 3.
Herr, Frank E., Lancaster, Pa. Light-sensitive oil burner control unit. 123,693; Nov. 26.
Herring, Jesse B., Birmingham, Ala. Combined porch lamp and sign. 118,738; Jan. 30.
Herschensohn, Arthur M., New York, N. Y. Curtain hook. 118,478; Jan. 9.
Hertzberg, Dorothy, Detroit, Mich. Combined brush and comb. 123,430; Nov. 5.

Herzberg, Sidney J., et al. (See Portnoy, Sam J.)
Hess, Clarence R. T., Prairie View, Ill., assignor to Perfex Corporation, Milwaukee, Wis. Clock. 118,559; Jan. 16.
Hess, Lester, assignor to Nat Levy-Urie Mandle Corporation, New York, N. Y. Clip pin or similar article. 119,857; Apr. 9.
Hess, Lester, assignor to Nat Levy-Urie Mandle Corporation, New York, N. Y. Clip pin or similar article. 119,858; Apr. 9.
Hesse, Curt O., New York, N. Y. Wall paper. 123,337; Oct. 29.
Hesse, Curt O., New York, N. Y. Wallpaper. 123,451; Nov. 5.
Hesse, Curt O., New York, N. Y. Wallpaper. 123,452; Nov. 5.
Hesse, Curt O., New York, N. Y. Wall paper. 123,549; Nov. 12.
Hesse, Curt O., New York, N. Y. Wall paper. 123,550; Nov. 12.
Hesse, Curt O., New York, N. Y. Wall paper. 123,551; Nov. 12.
Hesse, Curt O., New York, N. Y. Wallpaper. 124,026; Dec. 17.
Hesse, Curt O., New York, N. Y. Wallpaper. 124,027; Dec. 17.
Hettinger, Edwin L., assignor to Willson Products, Inc., Reading, Pa. Lens testing device. 122,599; Sept. 17.
Hettrick Manufacturing Company, The. (See Smith, William I., assignor.)
Hewett, John B. (See Serre, M., Hewett, and Schaefer.)
Hewitt Soap Company, The. (See Stoner, Harold B., assignor.)
Heyer, Benjamin F. W. (See Blazey, Lawrence A., assignor.)
Heywood-Wakefield Company. (See Larsen, Lewis, assignor.)
Hibbard, Hall L., North Hollywood, and C. L. Johnson, Burbank, Calif., assignors to Lockheed Aircraft Corporation. Airplane. 119,714; Mar. 26.
Hickok Manufacturing Company. (See Mix, E. S., and Vaisey, assignors.)
Hickok Manufacturing Company. (See Rawlings, James T., assignor.)
Hickok Manufacturing Company. (See Shields, Lowell W., assignor.)
Hickok Manufacturing Company. (See Vaisey, Harold C., assignor.)
Hickok, Mary H., et al. (See Evans, Oscar R., assignor.)
Hicks, William D., Inglewood, Calif., assignor to Combi Cart Corporation, Carson City, Nev. Infant's chair. 122,597; Sept. 17.
Hicks, William W., assignor to Wesix Electric Heater Company, San Francisco, Calif. Electric air heater. 120,122; Apr. 23.
Higgins, Frank E., assignor to California Perfume Company, Inc., New York, N. Y. Combined bottle and stopper therefor. 119,304; Mar. 5.
Higgins, Frank E., assignor to California Perfume Company, Inc., New York, N. Y. Bottle. 119,387; Mar. 12.
Higgins, Frank E., assignor to California Perfume Company, Inc., New York, N. Y. Bottle. 120,265; Apr. 30.
Higgins, Frank E., assignor to California Perfume Company, Inc., New York, N. Y. Bottle. 120,756; May 28.
Higgins, Frank E., assignor to California Perfume Company, Inc., New York, N. Y. Bottle. 123,100; Oct. 15.
Higgins, Joan A., Northfield, Ohio. Electrical treatment apparatus cabinet. 121,955; Aug. 13.
Higgins, Tracy, Brooklyn, N. Y. Combined bottle stopper and top. 120,106; Apr. 23.
Higginson, George J., Mount Vernon, assignor to Johnson Bros. (Hanley) Ltd., New York, N. Y. Plate or similar article. 118,579; Jan. 16.
Higginson, George J., Mount Vernon, assignor to Johnson Bros. (Hanley) Ltd., New York, N. Y. Plate or similar article. 118,580; Jan. 16.
High, Dorothy, New York, N. Y. Dress. 123,539; Nov. 12.
High, Dorothy, New York, N. Y. Dress. 123,808; Dec. 3.
High, Dorothy, New York, N. Y. Dress. 123,975; Dec. 10.
Hilby, George R., San Francisco, Calif. Child's sleeping garment. 121,838; Aug. 6.
Hildebrand, John, Detroit, Mich. Jar opener. 119,264; Mar. 5.
Hiller, Stanley V. W., Jr., Berkeley, Calif. Toy automobile or similar article. 122,571; Sept. 17.
Hinckley-Myers Company. (See Graham, George M., assignor.)
Hinckley-Myers Company. (See Kent, William A., assignor.)
Hinde and Dauch Paper Company, The. (See Stone, Thomas L., assignor.)
Hindu Incense Manufacturing Co. (See Rebechini, Guido, assignor.)
Hingeco Vanities, Inc. (See Migliaccio, Christopher L., assignor.)
Hinkel, William, assignor to Jos. Schlitz Brewing Company, Milwaukee, Wis. Combined advertising display stand and bottles. 121,871; Aug. 13.
Hinkins, Ernest A., assignor to Tygart Valley Glass Company, Washington, Pa. Jar. 120,587; May 14.
Hinkins, Ernest A., assignor to Tygart Valley Glass Company, Washington, Pa. Jar. 120,619; May 21.
Hinkle, James C., Huntington Park, Calif. Ash receptacle or similar article. 119,657; Mar. 26.
Hinson, James N., assignor to The Hinson Manufacturing Company, Waterloo, Iowa. Luggage bag. 123,400; Nov. 5.
Hinson Manufacturing Company, The. (See Hinson, James N., assignor.)
Hirsch, Jules, New York, N. Y. Brooch or similar article. 123,163; Oct. 22.
Hirsh, George, New York, N. Y. Dress. 118,531; Jan. 9.
Hirsh, Leonard F., Philadelphia, Pa. Fluorescent lighting fixture. 120,913; June 4.
Hi-Speed Tire and Accessory Company. (See Schnebelen, Paul A., assignor.)
Hobart Manufacturing Company, The. (See Geiger, R. C., Meeker, and Arens.)
Hobé, William W., New York, N. Y. Brooch pin or similar article. 123,164; Oct. 22.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 123,200; Oct. 22.
Hobé, William W., New York, N. Y. Bracelet or similar article. 123,207; Oct. 22.
Hobé, William W., New York, N. Y. Bracelet or similar article. 123,208; Oct. 22.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 123,265; Oct. 29.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 123,266; Oct. 29.
Hobgood, Margaret, New York, N. Y. Dress ensemble. 121,145; June 18.
Hobgood, Margaret, New York, N. Y. Dress ensemble. 121,146; June 18.
Hobgood, Margaret, New York, N. Y. Dress ensemble. 121,445; July 9.
Hobgood, Margaret, New York, N. Y. Dress ensemble. 121,446; July 9.
Hobson, Ota O., Chariton, Iowa. Clothes hamper. 119,752; Apr. 2.
Hobson, Ota O., Chariton, Iowa. Table mat. 120,240; Apr. 30.
Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Broiler grill. 120,757; May 28.
Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Combined broiler grill and pan. 120,782; May 28.
Hoch, Frederick R., Norton, Mass. Atomizer. 118,778; Jan. 30.
Hochfelder, Jack, New York, N. Y. Coat. 119,249; Feb. 27.
Hodgson, Reginald H. (See White, R. H., Hodgson, Jones, and White.)
Hoelscher, William G., assignor to The American Tool Works Company, Cincinnati, Ohio. Lathe. 120,863; June 4.
Hoenig, Franz, New York, N. Y. Embroidered trimming. 120,960; June 4.
Hoenig, Franz, New York, N. Y. Embroidered trimming. 120,961; June 4.
Hoenig, Franz, New York, N. Y. Embroidered trimming. 120,962; June 4.
Hoffman, Allan C., Milldale, assignor to Scovill Manufacturing Company, Waterbury, Conn. Lawn sprinkler. 119,250; Feb. 27.
Hoffman, Bernard J., Jr., Forest Hills, Long Island, N. Y. Bathing suit or similar article. 120,810; May 28.
Hoffman, Daniel A., assignor of one-half to F. Ogle, Woodbury, N. J. Edible container. 119,040; Feb. 20.
Hoffman, Joseph B., New York, N. Y. Textile fabric. 124,028; Dec. 17.
Hoffmann, Edward C., University City, assignor to Triple "E" Products Co., St. Louis, Mo. Pencil sharpener. 119,782; Apr. 2.
Hofmann, Victor E., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Poker chip. 118,623; Jan. 23.
Hogreff, William E., Chicago, Ill. Passenger boat. 123,501; Nov. 12.
Hohn, Walter J., Detroit, Mich. Game board. 121,277; July 2.
Hohn, Walter J., Detroit, Mich. Game board. 121,278; July 2.
Hohn, Walter J., Detroit, Mich. Game board. 121,279; July 2.
Hohn, Walter J., Detroit, Mich. Game board. 121,297; July 2.
Hohn, Walter J., Detroit, Mich. Game board. 121,320; July 2.
Hohn, Walter J., Detroit, Mich. Game board. 121,321; July 2.
Hohn, Walter J., Detroit, Mich. Game board. 121,768; Aug. 6.
Hokanson, Martin, assignor to Eidco, Incorporated, Duluth, Minn. Drill bit. 118,877; Feb. 6.
Hokanson, Martin, assignor to Eidco, Incorporated, Duluth, Minn. Drill bit. 121,474; July 16.
Hoke, Henry L., and R. W. Allen, Akron, Ohio. Spark plug tester. 120,929; June 4.
Hoke, Henry L., and R. W. Allen, Akron, Ohio. Spark plug cleaner. 120,930; June 4.
Holden, Lillian and C. De Hibbs, assignors of one-third to McKinney G. Davis, Ft. Worth, Tex. Airplane. 120,931; June 4.
Holden, Winfield L., and T. G. Linderme, Detroit, Mich. Stand. 122,925; Oct. 8.

Holdren, Earl R., assignor of one-half to V. E. Wettlaufer, Williamsport, Pa. Jar cap. 123,648; Nov. 19.
Holish, Stephen P., Chicago, Ill. Electric light fixture. 121,161; June 25.
Holland, A. Houston, assignor to Champlin Refining Company, Enid, Okla. Pneumatic tire casing. 120,932; June 4.
Hollengreen, Milburn A., and R. E. Price, assignors to Landis Tool Company, Waynesboro, Pa. Grinding machine. 121,245; June 25.
Hollengreen, Milburn A., and R. E. Price, assignors to Landis Tool Company, Waynesboro, Pa. Footstock for machine tools. 121,246; June 25.
Hollengreen, Milburn A., and R. E. Price, assignors to Landis Tool Company, Waynesboro, Pa. Steady rest for machine tools. 121,412; July 9.
Hollengreen, Milburn A., and R. E. Price, assignors to Landis Tool Company, Waynesboro, Pa. Headstock for machine tools. 121,447; July 9.
Hollengreen, Milburn A., and R. E. Price, assignors to Landis Tool Company, Waynesboro, Pa. Spray guard for machine tools. 121,613; July 23.
Hollengreen, Milburn A., and R. E. Price, assignors to Landis Tool Company, Waynesboro, Pa. Grinding wheel unit. 121,789; Aug. 6.
Hollengreen, Milburn A., and H. E. Balsiger, assignors to Landis Tool Company, Waynesboro, Pa. Grinding machine. 121,872; Aug. 13.
Hollengreen, Milburn A., H. E. Balsiger, and D. F. Price, assignors to Landis Tool Company, Waynesboro, Pa. Grinding machine. 121,873; Aug. 13.
Hollengreen, Milburn A., H. E. Balsiger, and J. A. Boller, assignors to Landis Tool Company, Waynesboro, Pa. Grinding machine. 121,874; Aug. 13.
Hollengreen, Milburn A., H. E. Balsiger, J. A. Boller, and R. S. Elberty, Jr., assignors to Landis Tool Company, Waynesboro, Pa. Grinding machine. 121,875; Aug. 13.
Hollindale, Wilfred H., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. 122,668; Sept. 24.
Hollingsworth, Jesse N., Los Angeles, Calif. Display rack. 120,485; May 14.
Hollingworth, Henry O., Littleton, Mass. Woven fabric. 120,184; Apr. 23.
Hollman, Marie E., Edgewater, Colo. Toy vessel. 119,265; Mar. 5.
Holophane Company. (See Rolph, Thomas W., assignor.)
Holstein, Moise S., and T. T. Morrow, assignors to Oppenheimer Casing Co., Chicago, Ill. Display container. 123,125; Oct. 15.
Holstein, Sol, New York, N. Y. Button. 118,608; Jan. 16.
Holstein, Sol. New York, N. Y. Combined clasp and button closure therefor. 118,739; Jan. 30.
Holstein, Sol, New York, N. Y. Button. 120,506; May 14.
Holstein, Sol, New York, N. Y. Button. 120,507; May 14.
Holstein, Sol, New York, N. Y. Lapel pin. 121,117; June 18.
Holstein, Sol, New York, N. Y. Belt or similar article. 121,956; Aug. 13.
Holstein, Sol, New York, N. Y. Lapel pin. 121,957; Aug. 13.
Holstein, Sol, New York, N. Y. Button. 122,267 Sept. 3.
Holstein, Sol, New York, N. Y. Lapel pin. 122,434; Sept. 10.
Holt, William E., Livingston, N. J. Floor surfacing machine. 118,581; Jan. 16.
Holt, William E., Livingston, N. J. Combined housing and bag for a portable surfacing tool. 118,582; Jan. 16.
Holt, William E., Oakland, Calif. Housing for a floor maintenance machine. 123,401; Nov. 5.
Holyoke Heater Company. (See Dufault, Homer D., assignor.)
Homestead Valve Manufacturing Company. (See Ofeldt, Frank W., assignor.)
Hommer, Julius, Union, N. J. Combined salt shaker, pepper shaker, and tray therefor. 124,029; Dec. 17.
Hommer, Julius, Union, N. J. Condiment shaker or the like. 124,030; Dec. 17.
Hood, R. W. (See Collins, Edward J., assignor.)
Hoople, Warner W. (See Christenson, T., Jr., and Hoople.)
Hoople, Warner W., Evanston, assignor to Club Aluminum Products Company, Chicago, Ill. Casserole. 122,775; Oct. 1.
Hoople, Warner W., Evanston, assignor to Club Aluminum Products Company, Chicago, Ill. Coffee server. 122,776; Oct. 1.
Hoople, Warner W., Evanston, Ill., assignor to Henry Weis Manufacturing Company, Inc., Elkhart, Ind. Shower cabinet. 124,031; Dec. 17.
Hoople, Warner W., Evanston, Ill., assignor to Euger-Kress Company, West Bend, Wis. Billfold. 124,194; Dec. 24.
Hoover Company, The. (See Dreyfuss, Henry, assignor.)
Hope, Samuel N., Wauwatosa, Wis., assignor to Lily-Tulip Cup Corporation, New York, N. Y. Cup dispenser. 122,669; Sept. 24.
Hope, Samuel N., Wauwatosa, Wis., assignor to Lily-Tulip Cup Corporation, New York, N. Y. Cup dispensing cabinet. 123,402; Nov. 5.
Hopkins, Frank H. (See Graesser, C. H., and Hopkins.)
Hopkins, Horner H., Des Moines, Iowa. Knife holder. 121,048; June 11.
Hopkins, Horner H., assignor to Cobbs-Hamilton Co., Des Moines, Iowa. Rack for kitchen utensils or the like. 120,343; May 7.
Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic projection apparatus. 118,940; Feb. 13.
Horblit, Etta M., Roxbury, Mass. Dress. 122,839; Oct. 1.
Horblit, Etta M., Roxbury, Mass. Dress. 123,976; Dec. 10.
Horckitz, Inglish, St. Louis, Mo. Filter unit. 121,162; June 25.
Horn, Abraham L., Brooklyn, N. Y. Hamper. 120,006; Apr. 16.
Hornbostel, Caleb. (See Pahlmann, W. C., and Hornbostel.)
Hornung, Emil E., Jacksonville, Fla. Base for a table centerpiece. 123,596; Nov. 19.
Horsley, James H., assignor to Shanklin Manufacturing Company, Chicago, Ill. Game chest. 120,223; Apr. 30.
Horsley, James H., assignor to Shanklin Manufacturing Company, Chicago, Ill. Combined desk clock and calendar. 122,892; Oct. 8.
Horther, George J., Flushing, N. Y. Ash tray. 120,914; June 4.
Horton, George T., Chicago, Ill. Elevated tank. 121,202; June 25.
Horton, George T., Chicago, Ill. Elevated tank. 121,203; June 25.
Horton, George T., Chicago, Ill. Elevated tank. 121,204; June 25.
Horton, George T., Chicago, Ill. Elevated tank. 121,205; June 25.
Horton, George T., Chicago, Ill. Elevated tank. 122,600; Sept. 17.
Horton Manufacturing Company. (See Bradley, William H., assignor.)
Horwig, Albert, New York, N. Y. Brooch pin or similar article. 119,666; Mar. 26.
Hoshafian, Lucy, New York, N. Y. Dress. 123,453; Nov. 5.
Hostetter, Lenus J., Oakland, Calif. Handkerchief slide. 121,206; June 25.
Houdaille-Hershey Corporation. (See Devor, Don S., assignor.)
Houdaille-Hershey Corp. (See Jandus, Herbert S.)
Houdaille-Hershey Corporation. (See Sandberg, Ray A., assignor.)
Houde Engineering Corporation. (See Peo, R. F., and Riner, assignors.)
Houghton, Edwin J., assignor to Ypsilanti Reed Furniture Company, Ionia, Mich. Chair. 122,957; Oct. 8.
Houghton, Edwin J., assignor to Ypsilanti Reed Furniture Company, Ionia, Mich. Chair. 124,032; Dec. 17.
Houghton, Harry E., Bronxville, N. Y., assignor to Brown Company, Berlin, N. H. Paper-towel dispenser. 120,783; May 28.
Houlahen, Neal W., Etna, Pa. Plant stand. 124,033; Dec. 17.
Houser, Clara D., Mount Jewett, Pa. Combined grater and slicer. 123,779; Dec. 3.
Housholder, Owen, et al. (See Trojan, José, assignor.)
Houston, William A., Bayonne, N. J. Ice cream cone. 118,624; Jan. 23.
Houston, Willard G., Wadsworth, Ohio. Clock. 122,116; Aug. 27.
Hoverder, Wallace P., Kansas City, Mo. Contour tracer. 119,388; Mar. 12.
Hovey, C. Earl, trustee. (See Hagstrom, Jerome E., assignor.)
Howard, Charles S., Des Moines, Iowa. Bird-feeding tray. 119,499; Mar. 19.
Howard, Frederick R., San Francisco, Calif. Camera tripod head. 120,642; May 21.
Howell, Bernard C., and F. F. Melvin, Elwood, Ind., assignors to Loose-Wiles Biscuit Company, Long Island City, N. Y. Display stand. 121,389; July 9.
Howell, Bernard C., and F. F. Melvin, Elwood, Ind., assignors to Loose-Wiles Biscuit Company, Long Island City, N. Y. Display rack. 123,126; Oct. 15.
Howell, Charles A., Winnetka, Ill., assignor to Pharma-Craft Corporation, Louisville, Ky. Jar. 120,421; May 7.
Hoy, Frank H., Milwaukee, Wis. Food processing mold or similar article. 119,783; Apr. 2.
Hubbard, Alfred W., Stillwater, assignor of one-third to J. C. N. Rowell, and one-third to T. H. Rowell, both of Baudette, Minn. Photometer. 122,117; Aug. 27.
Hubbard, Don C., Auburn, Maine. Tennis shoe. 123,480; Nov. 12.
Hubbard, Roscoe C. (See Kossman, H. R., and Hubbard.)
Hubbard, William J., Jr., Dolgeville, N. Y. Shoe heel. 120,313; Apr. 30.
Hubenet, Will W., Detroit, Mich. Cap for dispensing whipped cream or the like. 118,449; Jan. 9.
Huber, Matthew W., assignor to Tuthill Pump Company, Chicago, Ill. Combined ice cream freezer and dispenser. 122,118; Aug. 27.

Huber, Otto E., Reading, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 119,859; Apr. 9.
Huber, Paul P., Hillside, N. J., and L. Guild, Darien, Conn., assignors to Weston Electrical Instrument Corporation, Newark, N. J. Clamp-ammeter. 118,820; Feb. 6.
Huebinger, Henning, Springfield, Ill. Combined ash container and tray. 123,694; Nov. 26.
Huelster, Otto J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener prong ring. 120,007; Apr. 16.
Huelster, Otto J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener prong ring. 123,695; Nov. 26.
Huelster, Otto J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener prong ring. 123,696; Nov. 26.
Huelster, Otto J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener prong ring. 123,697; Nov. 26.
Huelster, Otto J., and J. G. Wolff, assignors to Scovill Manufacturing Company, Waterbury, Conn. Fastener prong ring. 120,008; Apr. 16.
Huelster, Otto J., and J. G. Wolff, assignors to Scovill Manufacturing Company, Waterbury, Conn. Fastener prong ring. 120,009; Apr. 16.
Huenefeld, Walter E., Cincinnati, Ohio. Oil cook stove. 118,821; Feb. 6.
Huffman, Horace M., Jr., assignor to The Huffman Manufacturing Company, Dayton, Ohio. Chain guard for bicycles. 122,670; Sept. 24.
Huffman Manufacturing Company, The. (See Huffman, Horace M., Jr., assignor.)
Hughes Loose-Leaf Metals Company. (See Ostrander, Joel W., assignor.)
Huizeng, John D., New York, N. Y. Ribbon. 118,414; Jan. 2.
Huizeng, John D., New York, N. Y. Ribbon. 119,723; Mar. 26.
Hull, Thelma L. (See Hull, Willard P. and T. L.)
Hull, Willard P. and T. L., Portland, Oreg. Condiment dispenser. 122,407; Sept. 10.
Hull, Willard P. and T. L., Portland, Oreg. Condiment dispenser. 123,454; Nov. 5.
Hultberg, Walter R. (See Nelson, M., Hultberg, and Dahl.)
Humphryes Manufacturing Company, The. (See Fensch, Richard G., assignor.)
Hunt, George L., Chicago, Ill. Clothesline reeling unit. 119,753; Apr. 2.
Hupp, Jessie F., Hollydale, Calif. Serving dish. 118,639; Jan. 23.
Hurley, Georgia A., Findlay, Ohio. Combined cigarette holder and protector. 122,893; Oct. 8.
Hurlin, William H., Antrim, N. H., and W. H. Rosenthal, New York, N. Y., assignors to Goodell Company, Antrim, N. H. Combination blade for a kitchen knife or the like. 124,313; Dec. 31.
Hurwitz, Bernard, New York, N. Y. A dress. 124,253; Dec. 24.
Hurwitz, Bernard, New York, N. Y. Dress. 124,283; Dec. 24.
Hussmann-Ligonier Company. (See Blazey, Lawrence, assignor.)
Hutaff, George H., Jr. (See O'Neal, George R., assignor.)
Hutchison, James A., Wheeling, W. Va. Tumbler or similar article. 119,754; Apr. 2.
Huxel, Walter C., Cincinnati, Ohio. Utility bar. 122,435; Sept. 10.
Hyde, Donald B., Newton, Mass. Bird feeder. 119,588; Mar. 26.
Hyde, Oliver E., New York, N. Y. Rail vehicle. 123,224; Oct. 22.
Hyde, Oliver E., New York, N. Y. Railway train. 123,225; Oct. 22.
Hyde, Oliver E., New York, N. Y. Front car of a railway train. 123,226; Oct. 22.
Hyde, Oliver E., New York, N. Y. Rear car of a railway train. 123,227; Oct. 22.
Hydraulic Development Corporation, The. (See Ernst, W., and Muller, assignors.)
Hydraulic Development Corporation. (See Muller, Johan A., assignor.)
Hydraulic Development Corporation. (See Sebring, Frank E., assignor.)
Hydraulic Development Corporation, The. (See Van Doren, H., Dailey, and Geiger, assignors.)
Hygrade Sylvania Corporation. (See Biggs, O. H., and MacCarthy, assignors.)
Hygrade Sylvania Corporation. (See Bowie, Robert M., assignor.)
Hygrade Sylvania Corporation. (See Dreyfuss, Henry, assignor.)
Hygrade Sylvania Corporation. (See Haas, Paul, assignor.)
Hygrade Sylvania Corporation. (See Hallward, Michael, assignor.)
Hygrade Sylvania Corporation. (See MacCarthy, Charles F., assignor.)
Hygrade Sylvania Corporation. (See McCarthy, Henry J., assignor.)
Hygrade Sylvania Corporation. (See Scribner, Kenneth, assignor.)
Hyman, Charles H., Bronx, N. Y. Christmas tree ornament. 121,095; June 18.
Hyman, Louis, Chicago, Ill. Dress. 123,043; Oct. 8.
Hyman, Sam B., Los Angeles, Calif. Textile fabric. 124,220; Dec. 24.
Hymanson, James, New York, N. Y. Coat. 124,178; Dec. 24.
Hymen, Louis, Chicago, Ill. Dress. 119,251; Feb. 27.
Hynek, Thomas E., Glendale, Ariz. Cigarette receptacle. 119,305; Mar. 5.
Iannicelli, Linda, New York, N. Y. Dress. 120,044; Apr. 16.
Iannicelli, Linda, New York, N. Y. Dress. 124,099; Dec. 17.
Iliff, George S., assignor to Joyce, Inc., Pasadena, Calif. Shoe or similar article. 118,858; Feb. 6.
Illsche, Arthur, Rye, New York. Hose supporter. 122,022; Aug. 20.
Illsche, Arthur, Rye, N. Y. Screw plug. 123,101; Oct. 15.
Immermann, Milton, New York, N. Y. Desk. 122,164; Aug. 27.
Imperial Glass Corporation. (See Mankki, Onnie, assignor.)
Imre, Edith L., New York, N. Y. Jar for cosmetics. 118,560; Jan. 16.
Industrial Lamp Corporation. (See Williams, Oliver H., assignor.)
Independent Pneumatic Tool Co. (See Forss, Frithiof P., assignor.)
Independent Pneumatic Tool Co. (See Larson, Gilbert B., assignor.)
Infants Socks, Inc. (See Hanisch, Arthur O., assignor.)
Ingersoll-Rand Company. (See Jimerson, Francis A.)
Ingersoll, Roy C., Winnetka, Ill. Hot water tank. 121,677; July 30.
Ingraham, E., Company, The. (See Carlson, Elof L., assignor.)
Ingraham, E., Company, The. (See Ciccarelli, Ostilio, assignor.)
Ingwer, Carl H., Elyria, Ohio. Vise stand. 121,898; Aug. 13.
Ingwer, Max, Forest Hills, N. Y. Base for a skirt marker or the like. 124,100; Dec. 17.
Inquisitore, John, New York, N. Y. Medal. 121,216; June 25.
Insel Company, The. (See Stampleman, J., and J. Davis, assignors.)
International Business Machines Corporation. (See Winans, John M., assignor.)
International Cigar Machinery Company. (See Wheeler, H. H., and Durning, assignors.)
International Corset Company. (See Schopbach, C. H., and Olds, assignors.)
International Harvester Company. (See Baker, D. B., Rosenthal, and Koeber, assignors.)
International Harvester Company. (See Loewy, R., and Koeber, assignors.)
International Harvester Company. (See Scarratt, A. W., Loewy, and Harstick, assignors.)
International Industries, Inc. (See Harris, Clinton H., assignor.)
International Industries, Inc. (See Miles, John R., assignor.)
International Silver Company. (See Conroy, Edward J., assignor.)
International Silver Company. (See Helander, Lillian V. M., assignor.)
International Silver Company. (See Kintz, Alfred G., assignor.)
International Silver Company. (See Mackewicz, Alexandra, assignor.)
International Silver Company. (See Theobald, Jean G., assignor.)
International Silver Company. (See Zawisza, Edward P., assignor.)
Interstate Co., The. (See Beidler, Herbert B., assignor.)
Ireys, Meredith S., assignor to Armstrong Cork Company, Lancaster, Pa. Bottle or similar article. 120,846; May 28.
Ireys, Meredith S., assignor to Armstrong Cork Company, Lancaster, Pa. Bottle or similar article. 120,847; May 28.
Ireys, Meredith S., assignor to Armstrong Cork Company, Lancaster, Pa. Jar or similar article. 124,034; Dec. 17.
Irmischer, Paul H., Chicago, Ill. Swivel joint. 121,718; July 30.
Irmscher, Hans O., New York, N. Y., assignor to Millie Patent Holding Co., Inc. Bag package or similar article. 118,424; Jan. 2.
Iron Fireman Manufacturing Company. (See Richardson, Max C., assignor.)
Iron Fireman Manufacturing Company. (See Rideout, John G., assignor.)
Irwin, Adrienne, New York, N. Y. Dress. 123,977; Dec. 10.
Isenberg, Stanley, Chicago, Ill. Soap dish. 121,813; Aug. 6.
Isle, Ola W., Decatur, Ill. Rural mail box support. 122,119; Aug. 27.
Israel, Philip, New York, N. Y. Dress. 120,848; May 28.
Israel, Philip, New York, N. Y. Dress. 120,963; June 4.
Israel, Philip, and T. C. Steinman, New York, N. Y. Brooch or similar article. 123,654; Nov. 19.
Itton, William M., Chicago, Ill. Ring or similar article. 120,010; Apr. 16.
Ivers-Lee Company. (See Salfisberg, Leroy L., assignor.)

Iwan, Arthur, assignor of one-half to H. F. Ellerman, Chicago, Ill. Slipper or similar article. 121,899; Aug. 13.
Izquierdo, Orlando E., Habana, Cuba. Hair curler. 123,597; Nov. 19.
Jaccarino, Concetta, New York, N. Y. Dress. 119,472; Mar. 12.
Jaccarino, Concetta, New York, N. Y. Dress. 119,687; Mar. 26.
Jaccarino, Concetta, New York, N. Y. Dress. 119,699; Mar. 26.
Jaccarino, Concetta, New York, N. Y. Dress. 119,700; Mar. 26.
Jacknow, Harry, New York, N. Y. Dress. 123,361; Oct. 29.
Jackson, Carl W., et al. (See Bradley, Ralph A., assignor.)
Jackson, Thomas, assignor to Continental Motors Corporation, Detroit, Mich. Portable light plant. 123,201; Oct. 22.
Jacob, Herman, assignor to Stuart Products Company, St. Paul, Minn. Combined support and container for perfume. 124,075; Dec. 17.
Jacob, Joseph G., New York, N. Y. Textile fabric or similar article. 121,322; July 2.
Jacobi, John M., New York, N. Y. Combined pocket coin holder and attaching means therefor. 123,675; Nov. 26.
Jacobs Bros. Co. Inc., The. (See Heller, Robert, assignor.)
Jacobs, F. L., Company. (See Visser, John, assignor.)
Jacobs, Sanford, New York, N. Y. Textile fabric. 119,500; Mar. 19.
Jacobs, Vera E., New York, N. Y. Dress. 124,471; Dec. 31.
Jacobs, Viding O., Bensenville, Ill. Game board. 119,804; Apr. 2.
Jacobson, Mark, New York, N. Y. Dress. 119,127; Feb. 20.
Jacobson, Mark, New York, N. Y. Dress. 123,978; Dec. 10.
Jacobson, Norman, New York, N. Y. Coat. 121,147; June 18.
Jacobson, Norman, New York, N. Y. Dress. 122,653; Sept. 17.
Jacobson, Seymour, New York, N. Y. Dress. 119,919; Apr. 9.
Jacobson, Seymour, New York, N. Y. Dress ensemble. 120,169; Apr. 23.
Jacobson, Seymour, New York, N. Y. Dress. 120,445; May 7.
Jacobson, Seymour, New York, N. Y. Dress. 122,840; Oct. 1.
Jacobson, Seymour, New York, N. Y. Dress. 122,870; Oct. 1.
Jacobson, Seymour, New York, N. Y. Dress ensemble. 123,338; Oct. 29.
Jacobson, Seymour, New York, N. Y. Dress. 124,495; Dec. 31.
Jaffe, Leon, Brooklyn, N. Y. Bag. 121,413; July 9.
James, Eric A., assignor to J. C. Sommers, Chicago, Ill. Lamp. 123,403; Nov. 5.
James', Inc. (See James, Lee G., assignor.)
James, Lee G., assignor to James', Inc., Atlantic City, N. J. Container for candy. 122,336; Sept. 3.
Jandus, Herbert S., assignor to Houdaille-Hershey Corp., Detroit, Mich. Hand brake lever or similar article. 121,592; July 23.
Janes, Richard B., Detroit, assignor to Gibson Electric Refrigerator Corporation, Greenville, Mich. Refrigerator cabinet. 123,883; Dec. 10.
Janes, Richard B., Detroit, assignor to Gibson Electric Refrigerator Corporation. Refrigerator cabinet. 123,884; Dec. 10.
Janes, Richard B., Detroit, and O. E. Norberg, assignors to Gibson Electric Refrigerator Corporation, Greenville, Mich. Vegetable crisper pan or the like. 119,805; Apr. 2.
Janssen, Abe P., Nashua, Iowa. Game pin. 124,035; Dec. 17.
Jay, Ollie M., San Antonio, Tex. Doll. 118,959; Feb. 13.
Jay, Ollie M., San Antonio, Tex. Doll. 118,974; Feb. 13.
Jay, Ollie M., San Antonio, Tex. Doll. 118,975; Feb. 13.
Jay, Ollie M., San Antonio, Tex. Doll. 118,976; Feb. 13.
Jay, Ollie M., San Antonio, Tex. Doll. 119,167; Feb. 27.
Jay, Ollie M., San Antonio, Tex. Doll. 119,182; Feb. 27.
Jay, Ollie M., San Antonio, Tex. Doll. 119,183; Feb. 27.
Jembrzycki, William J., Chicago, Ill. Combined holder and bracket for a container or the like. 120,628; May 21.
Jennings Brothers Manufacturing Company, The. (See Haas, Harry, Jr., assignor.)
Jensen, Thormod, Laurelton, Long Island, N. Y., and H. Rosengren, Woodcliff Lake, N. J., assignors to American Machine & Foundry Company. Slicing machine or the like. 121,490; July 16.
Jerro, Richard, Brooklyn, N. Y. Lady's shoe or similar article. 118,722; Jan. 30.
Jimerson, Francis, Athens, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Portable grinder. 121,769; Aug. 6.
Jocell, Esther H., New York, N. Y. Dress. 122,359; Sept. 3.
Jocell, Esther H., New York, N. Y. Dress ensemble. 122,360; Sept. 3.
Joel, Louis, New York, N. Y. Dress. 122,979; Oct. 8.
Joel, Louis, New York, N. Y. Dress. 123,958; Dec. 10.
Johanson, Fred. (See Lewis, M. W., Johanson, and Pennell.)
Johanson, John E. (See Drake, F. H., and Johanson.)
John, B. P., Furniture Corporation. (See Krick, George, assignor.)
Johns, George A., assignor to American Insulator Corporation, New Freedom, Pa. Drawer pull or similar article. 122,120; Aug. 27.
Johns, Milton E., Shreveport, La. Game board. 122,121; Aug. 27.
Johnsen, William H., Dallas, Tex. Automobile headlight shield. 124,407; Dec. 31.
Johnson, Albert H., San Francisco, Calif. Knife. 122,057; Aug. 20.
Johnson, Alfred J., assignor to York Band Instrument Company, Grand Rapids, Mich. Trumpet or similar article. 119,755; Apr. 2.
Johnson, Bernays, Little Falls, N. J. Golf exerciser. 123,540; Nov. 12.
Johnson, Beverly, Dallas, Tex. Glider. 118,405; Jan. 2.
Johnson Bros. (Hanley) Ltd. (See Higginson, George J., assignor.)
Johnson, Carl W., assignor to Sewell Manufacturing Company, Detroit, Mich. Bath attachment for bird cages. 120,620; May 21.
Johnson Chair Company. (See Johnson, Walter J., assignor.)
Johnson, Charles A., Erving, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe heel. 123,241; Oct. 22.
Johnson, Clarence L. (See Hibbard, H. L., and Johnson, assignors.)
Johnson, Clarence L., and W. W. Beman, Burbank, Calif., assignors to Lockheed Aircraft Corporation. Airplane. 119,334; Mar. 5.
Johnson, Elsie, Dallas, Tex. Toy. 121,923; Aug. 13.
Johnson, Francis A., assignor to Endicott Johnson Corporation, Endicott, N. Y. Rubber sole. 119,266; Mar. 5.
Johnson, Harry H., Brookline, assignor of one-half to C. Poulos, Boston, Mass. Combined lamp and liquid dispenser. 121,511; July 16.
Johnson, Howard L. (See Griffith, E. G., and Johnson.)
Johnson, Lyndell F., and L. H. Wilson, Edwardsville, Ill. Game board. 119,589; Mar. 26.
Johnson, Richard C., Connersville, assignor to Auburn Automobile Company, Auburn, Ind. Automobile. 122,547; Sept. 10.
Johnson, Stanley W. (See Steventon, J. I., and Johnson.)
Johnson, Walter J., assignor to Johnson Chair Company, Chicago, Ill. Chair. 121,072; June 18.
Johnson, William, Hazel Park, Mich., and E. H. Trump, Barberton, Ohio, assignors to Ward Plastic and Rubber Company, Detroit, Mich. Condiment container. 120,719; May 21.
Johnstone, Gordon, and M. Bifano, Detroit, Mich. Airplane. 119,319; Mar. 5.
Johnstone, Louise B., Grosse Pointe, Mich. Coin bank. 124,314; Dec. 31.
Jolles, Ida, New York, N. Y. Handbag frame. 121,348; July 2.
Jolles, Ida, New York, N. Y. Combination handbag. 122,684; Sept. 24.
Jolles, Ida, New York, N. Y. Combined handbag and compact. 123,455; Nov. 5.
Jones, Bolling, Jr. (See White, R. H., Hodgson, Jones, and White.)
Jones, Burza S., Des Moines, Iowa. Doll. 120,344; May 7.
Jones, Edward L., Richmond, Va. Game board. 120,643; May 21.
Jones, Edward L., Evanston, Ill. Scraper. 122,685; Sept. 24.
Jones, Everett P., Elizabeth, N. J., assignor to Oxweld Acetylene Company. Blowpipe tip. 119,473; Mar. 12.
Jones, Howard M. (See Dudley, R. A., and Jones, assignors.)
Jones, John E., Long Beach, Calif. Parking meter casing. 119,389; Mar. 12.
Jones & Vining, Inc. (See Harriman, Charles E., assignor.)
Jorgenson, Arthur P., Racine, Wis. Electric fence charger. 122,484; Sept. 10.
Joseph, Peter, Brooklyn, N. Y. Comfortable. 120,811; May 28.
Joseph, Peter, Brooklyn, N. Y. Comfortable. 120,812; May 28.
Joseph, Peter, Brooklyn, N. Y. Comfortable. 121,414; July 9.
Joseph, Peter, Brooklyn, N. Y. Comfortable. 121,415; July 9.
Joseph, Peter, Brooklyn, N. Y. Comfortable. 121,512; July 16.
Joseph, Theodore H., Mamaroneck, N. Y. Service station. 118,702; Jan. 30.
Josephson, Harry, New York, N. Y. Drapery fabric. 120,508; May 14.

Jossenberger, Victor E., Long Beach, Calif., and I. Baankoff, Revere, Mass. Vehicle signal. 119,551; Mar. 19.
Jowett, James R., Philadelphia, Pa. Textile fabric. 119,026; Feb. 13.
Joy Manufacturing Company. (See Baechli, George, assignor.)
Joy Manufacturing Company. (See Merck, John, assignor.)
Joyce, Inc. (See Iliff, George S., assignor.)
Joyce, Isabelle Z., assignor to Spaulding-Gorham, Inc., Chicago, Ill. Brooch or similar article of jewelry. 120,621; May 21.
Joyce, Isabelle Z., assignor to Spaulding-Gorham, Inc., Chicago, Ill. Clip or similar article of jewelry. 121,118; June 18.
Joyce, Isabelle Z., assignor to Spaulding-Gorham, Inc., Chicago, Ill. Clip or similar article of jewelry. 121,207; June 25.
Jubilee Manufacturing Company. (See Watson, Max, assignor.)
Judis, Ruth G., Chicago, Ill. Dress. 122,750; Sept. 24.
Judkins, J. B., Company. (See Dobben, John F., assignor.)
Juelss, David, Brooklyn, N. Y., assignor to American Lead Pencil Company, Hoboken, N. J. Combined eraser and pencil tip. 124,232; Dec. 24.
Jung, Albert H., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 120,461; May 7.
Jung, Albert H., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 120,673; May 21.
Jung, Albert H., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 121,217; June 25.
Jung, Albert H., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 121,218; June 25.
Jung, Albert H., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 121,678; July 30.
Jung, Albert H., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 123,502; Nov. 12.
Jung, Albert H., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 124,385; Dec. 31.
Jung, Albert H., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 124,386; Dec. 31.
Jungjohann, Henry, Davenport, Iowa. Stopper. 119,784; Apr. 2.
Junior Toy Corporation. (See Rideout, John G., assignor.)
Junkunc, Stephen, Sr. (See Junkunc, Stephen, Jr., assignor.)
Junkunc, Stephen, Jr., assignor to Stephen Junkunc, Sr., Oak Park, Ill. Corner piece for burial caskets. 120,241; Apr. 30.
Justin, William E., Fort Worth, Tex. Boot. 121,790; Aug. 6.
Kaback, Nathan, New York, N. Y. Dress. 118,537; Jan. 9.
Kaback, Nathan, New York, N. Y. Dress. 118,779; Jan. 30.
Kaback, Nathan, New York, N. Y. Dress. 119,431; Mar. 12.
Kaback, Nathan, New York, N. Y. Dress. 122,980; Oct. 8.
Kaback, Nathan, New York, N. Y. Dress. 123,127; Oct. 15.
Kaback, Nathan, New York, N. Y. Dress. 123,242; Oct. 22.
Kaback, Nathan, New York, N. Y. Dress. 123,619; Nov. 19.
Kafka, Elsa M., New York, N. Y. Brooch or similar article. 122,548; Sept. 10.
Kahn, Arthur. (See Heinke, A. J., and Kahn.)
Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Cooking stove. 122,686; Sept. 24.
Kahn, David, Woodcliff, assignor to David Kahn, Inc., North Bergen Township, N. J. Pencil lead container or the like. 120,734; May 28.
Kahn, David, Englewood Cliffs, assignor to David Kahn, Inc., North Bergen, N. J. Fountain pen and pencil clip, or similar article. 121,335; July 2.
Kahn, David, Englewood Cliffs, assignor to David Kahn, Inc., North Bergen, N. J. Fountain pen and pencil clip, or similar article. 121,336; July 2.
Kahn, David, Englewood Cliffs, assignor to David Kahn, Inc., North Bergen Township, Hudson County, N. J. Fountain pen and pencil clip. 123,293; Oct. 29.
Kahn, David, Englewood Cliffs, assignor to David Kahn, Inc., North Bergen Township, Hudson County, N. J. Pen desk stand. 123,404; Nov. 5.
Kahn, David, Inc. (See Kahn, David, assignor.)
Kahn, Julius, Jersey City, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Combined comb and brush or similar article. 120,345; May 7.
Kahn, Julius, Jersey City, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Comb or similar article. 122,408; Sept. 10.
Kahn, Lester, Upper Montclair, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Comb or similar article. 118,941; Feb. 13.
Kalashian, Aram R., assignor to Towle Manufacturing Company, Newburyport, Mass. Spoon or analogous article. 121,491; July 16.
Kalil, Theodore A., New York, N. Y. Textile fabric. 120,199; Apr. 23.
Kalil, Theodore A., New York, N. Y. Textile fabric. 120,200; Apr. 23.
Kalil, Theodore A., New York, N. Y. Knitted fabric. 121,679; July 30.
Kalil, Theodore A., New York, N. Y. Knitted fabric. 121,839; Aug. 6.
Kalil, Theodore A., New York, N. Y. Knitted fabric. 121,900; Aug. 13.
Kalil, Theodore A., New York, N. Y. Knitted fabric. 122,023; Aug. 20.
Kallusch, Kamillo, Prerov, Czechoslovakia. Photographic enlarger. 122,823; Oct. 1.
Kalman, Louis, New York, N. Y. Textile fabric. 120,509; May 14.
Kaltenbach, Irene B., Los Angeles, Calif. Cosmetic applicator. 121,614; July 23.
Kalter, Harold E., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Cycle saddle. 122,409; Sept. 10.
Kalter, Harold E., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Cycle saddle. 122,410; Sept. 10.
Kame, Kameniro, Los Angeles, Calif. Tom and jerry bowl. 119,884; Apr. 9.
Kame, Kameniro, Los Angeles, Calif. Statuette. 120,298; Apr. 30.
Kamenstein, Meyer, New York, N. Y. Garbage receptacle. 118,374; Jan. 2.
Kaminsky, Rubin, New York, N. Y. Slipper. 120,242; Apr. 30.
Kane, Frank A. (See Funderburk, Otis C., assignor.)
Kaplaan, Michael B., New York, N. Y. Puffed and embroidered fabric. 118,878; Feb. 6.
Kaplan, David, assignor to California Curtain Mfg. Co., Ltd., Los Angeles, Calif. Combined draped curtain and valance. 120,281; Apr. 30.
Kaplan, Michael B., New York, N. Y. Elastic gathered fabric. 119,223; Feb. 27.
Kaplan, Michael B., New York, N. Y. Tucked fabric. 119,224; Feb. 27.
Kaplan, Michael B., New York, N. Y. Tucked fabric. 121,513; July 16.
Kaptur, Vincent D., assignor to General Motors Corporation, Detroit, Mich. Radiator grille for a vehicle. 122,077; Aug. 20.
Karagheusian, A. & M., Inc. (See Dewsbury, William O., assignor.)
Karcher, Dr. W. L. (See Whitehouse, L. A., assignor.)
Karlan, Martin M., New York, N. Y. Container. 118,561; Jan. 16.
Karoff, Robert B., New York, N. Y., assignor to Stuart Products Co., Inc., St. Paul., Minn. Combined perfume container and stand therefor. 123,637; Nov. 19.
Karr, Bernard, assignor to Sager & Karr, Inc., New York, N. Y. Finger ring. 119,860; Apr. 9.
Karron, Charles, Brooklyn, N. Y. Handbag frame. 121,013; June 11.
Karsh, Alexander, New York, N. Y. Combination refreshment dish and tray. 121,438; July 9.
Karst, Clarence E., Cincinnati, assignor to The Wooster Brush Company, Wooster, Ohio. Paint brush rack. 121,298; July 2.
Karstadt, Clarence, Glen Ellyn, assignor to Sears, Roebuck and Co., Chicago, Ill. Photographic tank. 119,785; Apr. 2.
Karstadt, Clarence, Glen Ellyn, assignor to Sears, Roebuck and Co., Chicago, Ill. Instrument casing. 119,806; Apr. 2.
Karstadt, Clarence, Glen Ellyn, assignor to Sears, Roebuck and Co., Chicago, Ill. Thermostat casing or similar article. 120,123; Apr. 23.
Karstadt, Clarence, Glen Ellyn, assignor to Sears, Roebuck and Co., Chicago, Ill. Door suitable for ovens or the like. 121,337; July 2.
Karstadt, Clarence, Glen Ellyn, assignor to Sears, Roebuck and Co., Chicago, Ill. Cycle lamp. 121,958; Aug. 13.
Karstadt, Clarence, Glen Ellyn, assignor to Sears, Roebuck and Co., Chicago, Ill. Heater. 123,481; Nov. 12.
Kartiganer, Charles, New York, N. Y. Hat. 124,154; Dec. 17.
Kartz, Alex. (See Kornbluh, Igho, assignor.)
Kashine, Louis L., New York, N. Y. Dress ensemble. 118,538; Jan. 9.
Kashine, Louis L., New York, N. Y. Dress ensemble. 119,552; Mar. 19.
Kashine, Louis L., New York, N. Y. Dress. 119,825; Apr. 2.
Kashine, Louis L., New York, N. Y. Dress ensemble. 122,518; Sept. 10.
Kashine, Louis L., New York, N. Y. Dress. 122,533; Sept. 10.
Kashine, Louis L., New York, N. Y. Dress. 122,549; Sept. 10.
Kashine, Louis L., New York, N. Y. Dress. 122,841; Oct. 1.
Kashine, Louis L., New York, N. Y. Dress. 122,842; Oct. 1.

Kashine, Louis L., New York, N. Y. Dress. 123,311; Oct. 29.
Kashine, Louis L., New York, N. Y. Dress. 123,523; Nov. 12.
Kaspar & Esh, Inc. (See Esh, Barnett, assignor.)
Kasper, Moe J., New York, N. Y. Sweater. 121,233; June 25.
Katcher, Morris, New York, N. Y. Umbrella stand. 119,320; Mar. 5.
Katcher, Morris, New York, N. Y. Holder, for magazines, newspapers or the like. 122,268; Sept. 3.
Kates, George M., Larchmont, N. Y. Textile fabric. 122,871; Oct. 1.
Kates, George M., New York, N. Y. Textile fabric. 124,387; Dec. 31.
Katz, Abraham, New York, N. Y. Textile fabric. 121,416; July 9.
Katz, Abraham, New York, N. Y. Textile fabric. 121,571; July 23.
Katz, Abraham, New York, N. Y. Textile fabric. 121,642; July 23.
Katz, Abraham, New York, N. Y. Textile fabric. 121,682; July 30.
Katz, Abraham, New York, N. Y. Textile fabric. 121,683; July 30.
Katz, Abraham, New York, N. Y. Textile fabric. 121,684; July 30.
Katz, Adolph, New York, N. Y. Pin clip. 121,840; Aug. 6.
Katz, Adolph, New York, N. Y. Pin clip. 122,614; Sept. 17.
Katz, Adolph, New York, N. Y. Brooch or similar article. 123,165; Oct. 22.
Katz, Adolph, New York, N. Y. Brooch or similar article. 123,166; Oct .22.
Katz, Adolph, New York, N. Y. Bracelet. 123,209; Oct. 22.
Katz, Adolph, New York, N. Y. Necklace. 123,210; Oct. 22.
Katz, Adolph, New York, N. Y. Pin clip. 123,655; Nov. 19.
Katz, Adolph, assignor to Cohn & Rosenberger, Inc., New York, N. Y. Clip or similar article. 119,306; Mar. 5.
Katz, Adolph, assignor to Cohn & Rosenberger, Inc., New York, N. Y. Clip or similar article. 119,307; Mar. 5.
Katz, Adolph, assignor to Cohn & Rosenberger, Inc., New York, N. Y. Brooch or similar article. 119,308; Mar. 5.
Katz, Adolph, assignor to Cohn & Rosenberger Inc., New York, N. Y. Brooch or similar article. 119,309; Mar. 5.
Katz, Adolph, assignor to Cohn & Rosenberger, Inc., New York, N. Y. Pin or similar article. 119,756; Apr. 2.
Katz, Adolph, assignor to Cohn & Rosenberger, Inc., New York, N. Y. Brooch or similar article. 120,124; Apr. 23.
Katz, Adolph, assignor to Cohn & Rosenberger, Inc., New York, N. Y. Brooch or similar article. 120,381; May 7.
Katz, Adolph, assignor to Cohn & Rosenberger, Inc., New York, N. Y. Bracelet or similar article. 121,208; June 25.
Katz, Adolph, assignor to Cohn & Rosenberger, Inc., New York, N. Y. Brooch or similar article. 121,209; June 25.
Katz, Adolph, assignor to Cohn & Rosenberger Inc., New York, N. Y. Brooch or similar article. 121,349; July 2.
Katz, Adolph, assignor to Cohn & Rosenberger Inc., New York, N. Y. Brooch pin or similar article. 122,195; Aug. 27.
Katz, Adolph, assignor to Cohn & Rosenberger Inc., New York, N. Y. Brooch pin or similar article. 122,196; Aug. 27.
Katz, Adolph, assignor to Cohn & Rosenberger Inc., New York, N. Y. Brooch pin or similar article. 122,197; Aug. 27.
Katz, Adolph, assignor to Cohn & Rosenberger Inc., New York, N. Y. Brooch pin or similar article. 122,198; Aug. 27.
Katz, Adolph, assignor to Cohn & Rosenberger Inc., New York, N. Y. Brooch pin or similar article. 122,199; Aug. 27.
Katz, Adolph, assignor to Cohn & Rosenberger Inc., New York, N. Y. Brooch or similar article. 122,436; Sept. 10.
Katz, Adolph, assignor to Cohn & Rosenberger Inc., New York, N. Y. Pin clip. 122,437; Sept. 10.
Katz, Adolph, assignor to Cohn & Rosenberger Inc., New York, N. Y. Brooch or similar article. 122,438; Sept. 10.
Katz, Adolph, assignor to Cohn & Rosenberger Inc., New York, N. Y. Pin clip. 122,439; Sept. 10.
Katz, Adolph, assignor to Cohn & Rosenberger Inc., New York, N. Y. Brooch or similar article. 122,440; Sept. 10.
Katz, Adolph, assignor to Cohn & Rosenberger Inc., New York, N. Y. Brooch or similar article. 122,441; Sept. 10.
Katz, Adolph, assignor to Cohn & Rosenberger Inc., New York, N. Y. Brooch or similar article. 122,442; Sept. 10.
Katz, Adolph, assignor to Cohn & Rosenberger Inc., New York, N. Y. Brooch or similar article. 122,443; Sept. 10.
Katz, Adolph, assignor to Cohn & Rosenberger Inc., New York, N. Y. Separable brooch. 122,485; Sept. 10.
Katz, Adolph, assignor to Cohn & Rosenberger Inc., New York, N. Y. Brooch or similar article. 122,550; Sept. 10.
Katz, Adolph, assignor to Cohn & Rosenberger Inc., New York, N. Y. Bracelet. 122,601; Sept. 17.
Katz, Adolph, assignor to Cohn & Rosenberger Inc., New York, N. Y. Pin clip. 122,602; Sept. 17.
Katz, Adolph, assignor to Cohn & Rosenberger Inc., New York, N. Y. Pin clip. 122,603; Sept. 17.
Katz, Adolph, assignor to Cohn & Rosenberger Inc., New York, N. Y. Pin clip. 122,604; Sept. 17.
Katz, Adolph, assignor to Cohn & Rosenberger Inc., New York, N. Y. Pin clip. 122,605; Sept. 17.
Katz, Louis, New York, N. Y. Dress. 118,595; Jan. 16.
Katz, Louis, New York, N. Y. Dress ensemble. 119,344; Mar. 5.
Katz, Louis, New York, N. Y. Dress. 119,360; Mar. 5.
Katz, Louis, New York, N. Y. Dress. 119,361; Mar. 5.
Katz, Seymour, assignor to Philip S. Bloom Co., Chicago, Ill. Brassière or similar article. 121,680; July 30.
Katz, Seymour, assignor to Philip S. Bloom Co., Chicago, Ill. Brassière or similar article. 121,681; July 30.
Katzinger, Edward, Company, The. (See Beck, William A., assignor.)
Katzinger, Edward, Company, The. (See Kollman, Jack, assignor.)
Katzinger, Edward, Company, The. (See Paysee, Robert B., assignor.)
Katzinger, Edward, Company, The. (See Zimmer Myron J., assignor.)
Katzky, Fritz, Chicago, Ill. Fruit squeezer. 124,195; Dec. 24.
Katzner, Fred E., Forest Hills, Long Island, N. Y., assignor to The Comfy Manufacturing Co., Baltimore, Md. Knitted fabric or similar article of manufacture. 123,780; Dec. 3.
Kaufman, Arthur, New York, N. Y. Dress. 118,596; Jan. 16.
Kaufman, Arthur, New York, N. Y. Dress. 122,519; Sept. 10.
Kaufman, Arthur, New York, N. Y. Dress. 122,872; Oct. 1.
Kaufman, Arthur, New York, N. Y. Dress ensemble. 122,873; Oct. 1.
Kaufman, Benjamin M., New York, N. Y. Textile fabric. 118,431; Jan. 2.
Kaufman, Herman, Laurelton, Long Island, N. Y. Curtain ring. 118,822; Feb. 6.
Kaufman, James G., Stockton, Calif. Book end. 122,165; Aug. 27.
Kaufman, Solomon, New York, N. Y. Finger ring. 119,980; Apr. 16.
Kaufman, Stella, New York, N. Y. Dress. 124,443; Dec. 31.
Kaul, Richard D., Fairfield, assignor to The Sealand Corporation, Bridgeport, Conn. Portable fire pump unit. 120,552; May 14.
Kavanagh, Gardner C., Rochester, assignor to Aeolian American Corporation, East Rochester, N. Y. Piano. 121,417; July 9.
Kavanagh, Helen E., Berkeley, Calif. Skillet cover. 123,503; Nov. 12.
Kavenagh, William E., Windsor, Vt., and H. L. Post, Akron, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Shoe heel. 119,817; Apr. 2.
Kay, Elsye, New York, N. Y. Dress ensemble. 119,128; Feb. 20.
Kay, Elsye, New York, N. Y. Dress ensemble. 119,129; Feb. 20.
Kay, Elsye, New York, N. Y. Dress ensemble. 119,130; Feb. 20.
Kay, Elsye, New York, N. Y. Dress ensemble. 119,450; Mar. 12.
Kay, Elsye, New York, N. Y. Dress ensemble. 119,667; Mar. 26.
Kay, Elsye, New York, N. Y. Dress ensemble. 120,201; Apr. 23.
Kay, Elsye, New York, N. Y. Dress ensemble. 120,202; Apr. 23.
Kay, Elsye, New York, N. Y. Dress. 120,282; Apr. 30.
Kay, Elsye, New York, N. Y. Dress ensemble. 120,299; Apr. 30.
Kay, Elsye, New York, N. Y. Dress. 121,975; Aug. 13.
Kay, Elsye, New York, N. Y. Dress. 121,976; Aug. 13.
Kay, Elsye, New York, N. Y. Dress. 122,361; Sept. 3.
Kay, Elsye, New York, N. Y. Dress. 122,362; Sept. 3.
Kay, Elsye, New York, N. Y. Dress. 122,654; Sept. 17.
Kay, Elsye, New York, N. Y. Dress. 122,969; Oct. 8.
Kay, Elsye, New York, N. Y. Dress. 123,014; Oct. 8.
Kay, Lillian, New York, N. Y. Decorative nail. 118,375; Jan. 2.
Kaye, Sanford Z., Manhasset, N. Y., assignor to Belle Knitting Corp. Textile fabric. 123,735; Nov. 26.
Kaye, Sanford Z., Manhasset, N. Y., assignor to Belle Knitting Corp. Textile fabric. 123,736; Nov. 26.
Kaye, Sanford Z., Manhasset, N. Y., assignor to Belle Knitting Corp. Textile fabric. 123,737; Nov. 26.
Kaye, Sanford Z., Manhasset, N. Y., assignor to Belle Knitting Corp. Textile fabric. 123,738; Nov. 26.
Kayn, Stephen F., New York, N. Y., assignor to R. McFadden, Hollywood, Calif. Hair clasp. 119,757; Apr. 2.
Kayn, Stephen F., New York, N. Y., assignor to R. McFadden, Hollywood, Calif. Hair clasp. 119,758; Apr. 2.

Kayn, Stephen F., New York, N. Y., assignor to R. McFadden, Hollywood, Calif. Hair clasp. 119,846; Apr. 9.
Kearney & Trecker Corporation. (See Tammen, Glenn W., assignor.)
Keehnel, Roy B., Independence, Mo. Watch cleaning machine. 121,390; July 9.
Keeler Brass Company. (See Rettich, Kurt, assignor.)
Keeney, J. H., & Co. (See Binks, Melvin J., assignor.)
Keeney, J. H., & Co. (See Haggstrom, Arthur C., assignor.)
Keith, Clark, Incorporated. (See Lippincott, Joshua G., assignor.)
Keith, Geo. E., Company. (See Caldwell, Charles H., assignor.)
Keith, Geo. E., Company. (See Lutz, Albert W., assignor.)
Keith, Wilfred D., Oakmont, assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Cooker pail or the like. 118,823; Feb. 6.
Kelcey, Frances, and C. Rich, New York, N. Y. Clown doll. 123,885; Dec. 10.
Keller, L. A. (See Keller, Norman B. and L. A.)
Keller, Leonard, Ferndale, assignor to The Murray Corporation of America, Detroit, Mich. Vehicle. 119,001; Feb. 13.
Keller, Leonard, Ferndale, assignor to The Murray Corporation of America, Detroit, Mich. Vehicle. 119,002; Feb. 13.
Keller, Leonard, Ferndale, assignor to The Murray Corporation of America, Detroit, Mich. Faucet. 121,280; July 2.
Keller, Leonard, Ferndale, assignor to The Murray Corporation of America, Detroit, Mich. Faucet. 121,281; July 2.
Keller, Leonard, Ferndale, assignor to The Murray Corporation of America, Detroit, Mich. Faucet. 121,282; July 2.
Keller, Leonard, Ferndale, assignor to The Murray Corporation of America, Detroit, Mich. Combination lavatory and cabinet. 121,814; Aug. 6.
Keller, Leonard, Ferndale, assignor to The Murray Corporation of America, Detroit, Mich. Combination lavatory and cabinet. 121,815; Aug. 6.
Keller Manufacturing Corporation. (See Keller, Norman B. and L. A., assignors.)
Keller, Norman B., Altadena, and L. A. Keller, assignors to Keller Manufacturing Corporation, Los Angeles, Calif. Duplicating machine. 121,593; July 23.
Keller, Victor D., Coffeyville, assignor of one-half to M. C. Hayes, Caney, Kans. Game board. 118,682; Jan. 23.
Kelley, Loyd C., Weston, West Va. Goblet or similar article. 123,598; Nov. 19.
Kelly, John J., New York, N. Y. Balloon cart. 119,759; Apr. 2.
Kemp, William H., Westfield, assignor to Ever Ready Calendar Manufacturing Co., Jersey City, N. J. Combination calendar-desk unit. 119,267; Mar. 5.
Kemp, William H., Westfield, assignor to Ever Ready Calendar Manufacturing Co., Jersey City, N. J. Combination desk calendar unit. 123,294; Oct. 29.
Kendall, Roy C., Toledo, Ohio, assignor to Owens-Illinois Glass Company, Toledo, Ohio. Hollow glass building block. 122,269; Sept. 3.
Kende, George, assignor to Universal Camera Corporation, New York, N. Y. Camera casing. 120,735; May 28.
Kende, George, New York, N. Y., and R. Salvatore, Lyndhurst, N. J., assignors to Universal Camera Corporation, New York, N. Y. Motion picture projector. 121,816; Aug. 6.
Kennedy, William P. (See Brennan, W. T., and Kennedy.)
Kenny, Charles, New York, N. Y. Napkin. 119,362; Mar. 5.
Kensington, Incorporated. (See Brickley, Samuel C., assignor.)
Kensington, Incorporated. (See Guild, Lurelle, assignor.)
Kensington, Incorporated. (See Guild, L., and Brossman, assignors.)
Kent, Everett E., et al. (See Neal, John B., assignor.)
Kent, William A., Detroit, Mich., assignor to Hinckley-Myers Company, Jackson, Mich. Combined work bench and cabinet or similar article. 122,296; Sept. 3.
Kerezi, Joseph, Detroit, Mich. Aerial toy. 121,924; Aug. 13.
Kermer, Martin J., assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Evaporating apparatus. 124,428; Dec. 31.
Kermode, Stanley, Christchurch, Hampshire, England. Deck of playing cards. 118,977; Feb. 13.
Kernes, James, Chicago, Ill. Lamp base. 120,553; May 14.
Kerr, Charles G., San Anselmo, Calif. Toothbrush. 120,382; May 7.
Kerr, Roger B., assignor to Brown and Sharpe Manufacturing Company, Providence, R. I. Surface grinding machine. 121,418; July 9.
Kertesz, Carl. (See Brownscombe, P. J., and Kertesz.)
Kesler, Herman. (See Castelli, F. C., and Kesler.)
Kessler, Abraham, New York, N. Y. Memorial device. 12,886; Dec. 10.
Kessler, Betty, New York, N. Y. Dress. 124,129; Dec. 17.
Kessler, Betty, New York, N. Y. Dress ensemble. 124,472; Dec. 31.
Kestenman Bros. Mfg. Co. (See Kestenman, Charles H., assignor.)
Kestenman, Charles H., assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Watch bracelet or the like. 123,431; Nov. 5.
Ketcham, Howard, New York, N. Y., assignor to General Electric Company. Electric flatiron. 122,270; Sept. 3.
Ketcham, Howard, New York, N. Y., assignor to General Electric Company. Flatiron handle. 122,271; Sept. 3.
Kewaskum Aluminum Company. (See Rosenheimer, Adolph L., Jr., assignor.)
Keystone Metal Products Co. (See Havlis, Adolph J., assignor.)
Khoury, Albert S., New York, N. Y. Slip. 123,552; Nov. 12.
Kick, John A., Chicago, Ill. Can perforator. 123,599; Nov. 19.
Kiebzak, Michael, Buffalo, N. Y. Towel hanger or similar article. 123,482; Nov. 12.
Kienbaum, Walter F., Merrill, Wis. Combined scoreboard and display device. 119,961; Apr. 16.
Kihn, Lawrence J., Pittsburgh, Pa., assignor to J. T. & A. Hamilton Company. Glass bottle. 120,422; May 7.
Kihn, Lawrence J., Pittsburgh, Pa., assignor to J. T. & A. Hamilton Company. Glass bottle. 120,813; May 28.
Kihn, Lawrence J., Pittsburgh, Pa., assignor to J. T. & A. Hamilton Company. Glass bottle. 120,989; June 11.
Kimble Glass Company. (See Desser, Michael S., assignor.)
Kimble Glass Company. (See Moran, James J., assignor.)
Kimble Glass Company. (See Nagle, March E., assignor.)
Kimler, Courtney W., Sr., Ames, Iowa. Shovel bucket. 118,942; Feb. 13.
Kimler, Courtney W., Sr., Ames, Iowa. Shovel bucket. 120,685; May 21.
King, Henry G., Lorain, Ohio. Photographer's film magazine loading tool or similar article. 118,376; Jan. 2.
King, Inez O., Russellville, Ark. Negro mammy doll. 120,224; Apr. 30.
King, Minnie B., Washington, D. C. Bottle. 121,419; July 9
King, Samuel, Boston, Mass. Dress ensemble. 120,566; May 14.
King, Samuel, Boston, Mass. Dress ensemble. 120,567; May 14.
King, Thomas E. (See Ewertz, C. G., and King.)
Kingson, Justin I., Mount Vernon, N. Y. Christmas stocking or similar article. 122,183; Aug. 27.
Kingston, Jerimiah D., Lawrence, Mass. Tobacco pipe. 123,085; Oct. 15.
Kinsella, Frank E., assignor to A. L. Atkins, Chicago, Ill. Toy vacuum cleaner. 123,295; Oct. 29.
Kinsley, Felix P., St. Louis, Mo. Finger ring. 118,978; Feb. 13.
Kinsley, Felix P., St. Louis, Mo. Finger ring. 120,975; June 11.
Kinsley, Felix P., St. Louis, Mo. Finger ring. 120,976; June 11.
Kinsley, Felix P., St. Louis, Mo. Finger ring. 120,977; June 11.
Kintz, Alfred G., Wallingford, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 118,562; Jan. 16.
Kirby, James B., West Richfield, Ohio. Suction cleaner casing. 120,736; May 28.
Kirby, John F., Lakewood, assignor to National Plastics, Inc., Cleveland, Ohio. Lamp. 120,990; June 11.
Kirchhan, Robert O., assignor to Milwaukee Brass Specialty Company, Milwaukee, Wis. Combination sign frame. 121,572; July 23.
Kirchner, Colette A., New York, N. Y. Dress. 123,809; Dec. 3.
Kirk, Samuel, & Son, Incorporated. (See Millspaugh, Martin L., assignor.)
Kirsch Company. (See Kirsch, Guy W., assignor.)
Kirsch, Guy W., assignor to Kirsch Company, Sturgis, Mich. Curtain rod. 119,576; Mar. 19.
Kirst, Wilford J., Yonkers, N. Y. Frame for ladies' handbags. 122,843; Oct. 1.
Kiser, Charles F. (See Haasl, F. L., and Kiser.)
Kisling, William L., St. Louis, Mo. Air circulator. 120,033; Apr. 16.
Kisling, William L., St. Louis, Mo. Finger nail drying device. 123,781; Dec. 3.
Klapper, Arthur, New York, N. Y. Dress. 123,456; Nov. 5.
Klauber, Chester D., assignor to The Fairfacts Company, Inc., New York, N. Y. Combination recessed wall fixture holder for smokers' articles. 119,335; Mar. 5.
Klauber, Chester D., assignor to The Fairfacts Company, Inc., New York, N. Y. Combination recessed wall fixture holder for smokers' articles. 119,336; Mar. 5.
Klauer, Walter E., Dubuque, Iowa. Snow remover. 123,905; Dec. 10.
Klauer, Walter E., Dubuque, Iowa. Combined tractor and snow remover. 123,959; Dec. 10.
Klecka, John J., Mt. Vernon, N. Y., assignor to J. R. Wood & Sons, Incorporated, New York, N. Y. Finger ring or similar article. 122,297; Sept. 3.
Klein, Mathias, & Sons. (See Wilson, Harry B., assignor.)

Kleinert, I. B., Rubber Company. (See Collester, Maude P., assignor.)
Kleinert, I. B., Rubber Company. (See Guinzburg, George K., assignor.)
Kleinert, I. B., Rubber Company. (See Selverstone, Agnes S., assignor.)
Kleinman, Benjamin, New York, N. Y. Dress. 119,066; Feb. 20.
Kleinman, Benjamin, New York, N. Y. Dress. 119,067; Feb. 20.
Kleinman, Benjamin, New York, N. Y. Textile fabric. 119,118; Feb. 20.
Kleinwachter, Paul M., Chicago, Ill. Display device ensemble. 119,962; Apr. 16.
Kliban, Louis, South Norwalk, Conn. Blouse or similar article. 118,806; Jan. 30.
Kline, Edward A., Jr., Great Barrington, Mass. Pipe rest or similar article. 122,464; Sept. 10.
Kloiber, Frank O., et al. (See Portnoy, Sam J., assignor.)
Kluesing, Herman, assignor to Carson Pirie Scott & Co., Chicago, Ill. Carpet or similar article. 119,920; Apr. 9.
Kluter, Marlowe H., assignor to The F. & N. Lawn Mower Company, Richmond, Ind. Lawn mower handle. 121,014; June 11.
Knape & Vogt Manufacturing Company. (See Vogt, Frederick J., assignor.)
Knapp-Monarch Company. (See Ward, Lawrence T., assignor.)
Knauss, Edward, Berkeley, Calif., assignor to Besler Systems. Power chamber. 118,597; Jan. 16.
Kneebone, John R., Western Springs, assignor to Tested Papers of America, Inc., Chicago, Ill. Display rack 123,432; Nov. 5.
Kneisley, Richard F., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Surfacing machine. 122,958; Oct. 8.
Kneisley, Richard F., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Surfacing machine. 122,970; Oct. 8.
Knickerbocker Toy Co. (See Gerling, Arthur A., assignor.)
Knight, Stanley H., Chicago, Ill. Soda fountain. 119,623; Mar. 26.
Knight, Stanley H., Chicago, Ill. Combination steam table and food service counter. 121,719; July 30.
Knight, William R., Spartanburg, S. C. Identification tag. 120,011; Apr. 16.
Knoche, Lucille M., assignor to Marshall Field & Company, Chicago, Ill. Wrapping paper. 121,993; Aug. 20.
Knowles, Hal K., and W. Fleming, New Orleans, La. Merchandising sack or similar container. 118,665; Jan. 23.
Knudstrup, Aksel J. C. (See Robinson, H. R. and Knudstrup.)
Knutson, Norman T., assignor to The Bell & Howell Company, Chicago, Ill. Picture projector housing. 122,894; Oct. 8.
Koch, Louis A., Louisville, Ky. Automobile exhaust shroud. 119,268; Mar. 5.
Koch, Roderic M., Evansville, Ind. Base for a floral basket or similar article. 120,991; June 11.
Koch, Roderic M., Evansville, Ind. Stand for beverages, food products, or the like. 123,086; Oct. 15.
Koch, Roderic M., Evansville, Ind. Stemmed ash-tray. 123,087; Oct. 15.
Koch, Roderic M., Evansville, Ind. Cemetery vase or similar article. 123,110; Oct. 15.
Koch, William P., Chicago, Ill., assignor to Chicago Die Casting Manufacturing Company. Ice crusher. 119,590; Mar. 26.
Koch, William P., Chicago, Ill., assignor to Chicago Die Casting Manufacturing Company. Fruit juice extractor. 121,876; Aug. 13.
Koci, Jerry C., assignor to Chicago Coin Machine Mfg. Co., Chicago, Ill. Game apparatus. 119,591; Mar. 26.
Koeber, Theodore H. (See Baker, D. B., Rosenthal, and Koeber.)
Koeber, Theodore H. (See Loewy, R., and Koeber.)
Koegel, Ervin C., assignor to Edwin F. Guth Company, St. Louis, Mo. Tubular light fixture. 122,586; Sept. 17.
Koehler, Charles H., Chicago, Ill. Diffuser-projector for lighting fixtures. 123,887; Dec. 10.
Koehne, John L., New York, N. Y. Textile fabric. 120,159; Apr. 23.
Koehring Company. (See Osman, Ralph T., assignor.)
Kogan, Belle, New York, N. Y., assignor to The Federal Glass Company, Columbus, Ohio. Glass pineapple dish or article of similar nature. 123,056; Oct. 15.
Kohl, William E., Cleveland, Ohio. Golf practice device. 120,784; May 28.
Kohn, Julius, New York, N. Y. Reamer for smoking pipes. 119,522; Mar. 19.
Kolbrener, Harry, New York, N. Y. Dress. 118,532; Jan. 9.
Kollman, Jack, assignor to The Edward Katzinger Company, Chicago, Ill. Bake pan. 123,504; Nov. 12.
Kollmann, Karl J., Erie, Pa. Sewer cleaning machine. 118,740; Jan. 30.
Kolmer, Max, New York, N. Y. Lady's coat. 118,879; Feb. 6.
Kolmetz, Frederick A., assignor to Liberty Music Shops, Inc., New York, N. Y. Combined radio and phonograph cabinet. 118,960; Feb. 13.
Kolmetz, Frederick A., assignor to Liberty Music Shops, Inc., New York, N. Y. Combined radio and phonograph cabinet. 118,961; Feb. 13.
Komenak, Albert J., assignor to The Excelsior Hardware Company, Stamford, Conn. Post loop anchorage for luggage handle. 119,533; Mar. 19.
Komenak, Albert J., assignor to The Excelsior Hardware Company, Stanford, Conn. Keeper for a draw bolt or the like. 121,662; July 30.
Komorous, Joseph, Riverside, Ill. Combined blotter and holder therefor. 121,475; July 16.
Koonz, Frederick W., Bernardston, assignor to Rogers, Lunt & Bowlen Company, Greenfield, Mass. Spoon or similar article. 119,168; Feb. 27.
Kopp, Reinhold A., Chicago, Ill. Utensil rack or similar article. 119,760; Apr. 2.
Kops Brothers, Inc. (See Kops, Waldemar, assignor.)
Kops, Waldemar, assignor to Kops Brothers, Inc., New York, N. Y. Girdle. 118,425; Jan. 2.
Korda, Eugene J., New York, N. Y. Shoe or similar article. 122,122; Aug. 27.
Korda, Eugene J., New York, N. Y. Shoe or similar article. 122,123; Aug. 27.
Korda, Eugene J., New York, N. Y. Shoe or similar article. 122,124; Aug. 27.
Korda, Eugene J., New York, N. Y. Shoe or similar article. 122,166; Aug. 27.
Korda, Eugene J., assignor to Dermetics, Inc., New York, N. Y. Combined bottle display and holder therefor. 120,125; Apr. 23.
Korengold, John A., Chicago, Ill. Lighting fixture. 122,709; Sept. 24.
Korengold, John A., Chicago, Ill. Surgical illuminating unit or similar article. 122,723; Sept. 24.
Kornbluh, Igho, Brooklyn, assignor to A. Katz, New York, N. Y. Combination support and snuffer for cigarettes. 122,895; Oct. 8.
Kornfeld, Samuel, New York, N. Y. Textile fabric. 119,673; Mar. 26.
Korzinek, Charles, Jr., Midland, Park, N. J. Textile fabric or similar article. 120,093; Apr. 16.
Koss, Joseph, Ocean Park, Calif. Airplane. 121,685; July 30.
Kossman, Hans R., West Los Angeles, and R. C. Hubbard, Culver City, assignors to Emby Photographic Products of California, Inc., West Hollywood, Calif. Photographic enlarger. 118,563; Jan. 16.
Kostellow, Rowena R., assignor to United States Glass Company, Pittsburgh, Pa. Centerpiece bowl or similar article. 121,119; June 18.
Kotler and Kopit, Inc. (See Kotler, Max, assignor.)
Kotler, Max, assignor to Kotler and Kopit, Inc., Providence, R. I. Vanity case or similar article. 122,272; Sept. 3.
Koven, Marc I., Brooklyn, N. Y. Combined bracelet and watch. 123,888; Dec. 10.
Kowalewska, Czeslawa, Chicago, Ill. Lace doily or similar article. 119,674; Mar. 26.
Kowalsky, Abraham, assignor to S. W. Farber, Inc., Brooklyn, N. Y. Combination branch or arm for candelabra. 120,835; May 28.
Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Juvenile vehicle wheel. 118,499; Jan. 9.
Kramer, Herman, New York, N. Y. Dress. 120,439; May 7.
Kranz, Harry W., Lakewood, assignor to The Cleveland Welding Company, Cleveland, Ohio. Reflector for bicycles. 120,737; May 28.
Kranz, Harry W., Lakewood, assignor to The Cleveland Welding Company, Cleveland, Ohio. Chair. 121,073; June 18.
Kranz, Herman, Los Angeles, Calif. Portable serving cabinet. 122,687; Sept. 24.
Kranz, Philip, and A. P. Schmid, assignors to B. Wilmsen, Philadelphia, Pa. Christmas tree ornament. 118,683; Jan. 23.
Kranz, Philip, and A. P. Schmid, assignors to B. Wilmsen, Philadelphia, Pa. Artificial miniature Christmas tree. 124,036; Dec. 17.
Kranz, Philip, and A. P. Schmid, assignors to Bernard Wilmsen, Philadelphia, Pa. Christmas tree ornament. 124,315; Dec. 31.
Krasnikov, Semjon, Chicago, Ill. Combined flat iron handle and support. 122,874; Oct. 1.
Krastel, Oscar, Columbus, Ohio. Motion picture projection head casing. 118,625; Jan. 23.
Kraunz, Irving, New York, N. Y. Blouse. 123,128; Oct. 15.
Krebs, Walter, Jamaica, N. Y. Cocktail mixer. 121,299; July 2.
Krick, George, assignor to B. P. John Furniture Corporation, Portland, Oreg. Vanity dresser or similar article. 118,943; Feb. 13.
Krick, George, assignor to B. P. John Furniture Corporation, Portland, Oreg. Chest of drawers or similar article. 118,944; Feb. 13.
Kroll, Nathan J. (See Kroll, Samuel and N. J.)
Kroll, Samuel and N. J., Chicago, Ill. Carriage hood. 123,906; Dec. 10.

Kroll, Samuel and N. J., Chicago, Ill. Carriage hood. 123,907; Dec. 10.
Kroll, Samuel and N. J., Chicago, Ill. Carriage hood. 123,908; Dec. 10.
Kroll, Samuel and N. J., Chicago, Ill. Carriage hood. 124,429; Dec. 31.
Kron Company, The. (See Guild, Lurelle V., assignor.)
Kronenfeld, Samuel, New York, N. Y. Dress. 119,068; Feb. 20.
Kronstadt, Max, New York, N. Y. Cruciform pendant. 118,859; Feb. 6.
Kropp, Willis A., assignor to Victor Adding Machine Company, Chicago, Ill. Adding machine. 119,624; Mar. 26.
Kropp, Willis A., Oak Park, assignor to Victor Adding Machine Company, Chicago, Ill. Duplicating machine. 119,625; Mar. 26.
Kruck, Ralph E., Springfield, Mass., assignor, by mesne assignments, to Coca-Cola Company. Cooler cabinet. 119,592; Mar. 26.
Kruck, Ralph E., Springfield, Mass., assignor, by mesne assignments, to Coca-Cola Company. Cooler cabinet. 119,593; Mar. 26.
Kruck, Ralph E., Springfield, Mass., assignor, by mesne assignments, to Coca-Cola Company. Cooler cabinet. 119,594; Mar. 26.
Kruck, Ralph E., Springfield, assignor to Florence Stove Co., Gardner, Mass. Combined backguard panel and timer for stoves, including a support for a condiment set. 119,761; Apr. 2.
Kruck, Ralph E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Refrigerator cabinet or similar article. 121,323; July 2.
Kruck, Ralph E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Food storage receptacle for a refrigerator or the like. 122,760; Sept. 24.
Krueger, Arthur W., Chicago, assignor to S. Zidek, Riverside, Ill. Light reflecting unit. 119,203; Feb. 27.
Kuchin, Laurence, Jr., Seattle, Wash. Game board. 120,486; May 14.
Kuehn, Frederick A., Portland, Oreg. Game board. 122,125; Aug. 27.
Kuehn, Frederick A., Portland, Oreg. Game board. 122,126; Aug 27.
Kuehn, Frederick A., Portland, Oreg. Game board. 122,127; Aug. 27.
Kuhler, Otto, Orangeburg, assignor to American Locomotive Company, New York, N. Y. Locomotive body. 121,219; June 25.
Kuhlman, Florence, assignor to Robert Appel, New York, N. Y. Handbag or similar article. 120,758; May 28.
Kuhlman, Florence, assignor to R. Appel, New York, N. Y. Handbag or similar article. 121,439; July 9.
Kuhn, Arthur J. (See Bartsch, Ernst A., assignor.)
Kuhn, Frank, Grosse Pointe Farms, and L. H. Thomas, Birmingham, assignors to American Electrical Heater Company, Detroit, Mich. Laundry iron. 121,163; June 25.
Kuhn, Frank, Grosse Pointe Farms, and L. H. Thomas, Birmingham, assignors to American Electrical Heater Company, Detroit, Mich. Handle for laundry iron or the like. 121,164; June 25.
Kuhn, Frank, Grosse Pointe Farms, and L. H. Thomas, Birmingham, assignors to American Electrical Heater Company, Detroit, Mich. Print mounter. 122,799; Oct. 1.
Kulick, Abraham, New York, N. Y. Handbag or similar article. 123,296; Oct. 29.
Kunz, William, assignor to Perkins Products Company, Chicago, Ill. Bottle. 121,514; July 16.
Kunze, Albert J., Cleveland, Ohio. Combination camera and illuminating device. 120,510; May 14.
Kupfrian, Wilbur J., Hasbrouck Heights, N. J. Jacket. 121,120; June 18.
Kurdistan Rug Corporation. (See Sudell, Frank, assignor.)
Kurkjian, Mihran H., Glen Rock, N. J. Building. 123,457; Nov. 5.
Kurkjian, Mihran H., Glen Rock, N. J. Building 123,458; Nov. 5.
Kurlash Company, The. (See Tuttle, W. R., and Stickel, assignors.)
Kurth, Franz J., and L. Fischer, New York, N. Y., assignors to Anemostat Corporation of America. Combined air distributing and illuminating device. 120,266; Apr. 30.
Kurth, Louise, Scarsdale, N. Y. Dress. 122,371; Sept. 3.
Kurth, Louise, Scarsdale, N. Y. Dress. 122,372; Sept. 3.
Kushiner, Phillip S., Detroit, Mich. Ash tray. 120,992; June 11.
Kushner, Jacob J., New York, N. Y. Dress. 120,326; Apr. 30.
Kushner, Jacob J., New York, N. Y. Dress. 120,601; May 14.
Kushner, Jacob J., New York, N. Y. Dress. 120,602; May 14.
Kuznetz, Samuel, New York, N. Y. Dress ensemble. 118,780; Jan. 30.
Kuznetz, Samuel, New York, N. Y. Dress ensemble. 119,069; Feb. 20.
Kuznetz, Samuel, New York, N. Y. Dress. 121,657; July 23.
Kuznetz, Samuel, New York, N. Y. Dress. 121,658; July 23.
Kuznetz, Samuel, New York, N. Y. Dress. 122,214; Aug. 27.
Kuznetz, Samuel, New York, N. Y. Dress ensemble. 122,215; Aug. 27.
Kuznetz, Samuel, New York, N. Y. Dress ensemble. 122,216; Aug. 27.
Kuznetz, Samuel, New York, N. Y. Dress ensemble. 122,217; Aug 27.
Kuznetz, Samuel, New York, N. Y. Dress ensemble. 122,648; Sept. 17.
Kuznetz, Samuel, New York, N. Y. Dress. 123,129; Oct. 15.
Kwui Sin Char. (See Singer, Henry, assignor.)
La Belle Silver Co. (See Cantor, Simon, assignor.)
Labich, Fred O., Chicago, Ill. Bottle opener. 123,405; Nov. 5.
Labich, Fred O., Chicago, Ill. Bottle opener. 123,406; Nov. 5.
Lacey, Roscoe B. (See Webber, Joseph T., assignor.)
Lacey, Roscoe B., Kalamazoo, Mich. Thermohydrometer base. 121,925; Aug. 13.
Lackow, Emil, and M. Prozan, Brooklyn, N. Y. Rotary display stand. 119,269; Mar. 5.
La Due, John B., and J. A. Saffir, Chicago, Ill. Artificial tooth. 119,269; Mar. 26.
La Due, John B., and J. A. Saffir, Chicago, Ill. Artificial tooth. 119,626; Mar. 26.
La Due, John B., and J. A. Saffir, Chicago, Ill. Artificial tooth. 119,627; Mar. 26.
La Due, John B., and J. A. Saffir, Chicago, Ill. Artificial tooth. 119,628; Mar. 26.
La Due, John B., and J. A. Saffir, Chicago, Ill. Artificial tooth. 119,630; Mar. 26.
La Due, John B., and J. A. Saffir, Chicago, Ill. Artificial tooth. 119,631; Mar. 26.
La Forest, Louis Z., East Orange, N. J., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Dictating machine cabinet. 124,273; Dec. 24.
La France Industries. (See Sudell, Frank, assignor.)
Lai, John Y. G., Honolulu, Hawaii. Ukulele or similar string instrument. 123,698; Nov. 26.
Lakopolanska, Mary H., New York, N. Y. Doll head. 122,896; Oct. 8.
Lamar, Harry H., Wilkinsburg, Pa. Valve. 121,615; July 23.
Lambdin, Winfred, assignor to Universal Dental Company, Philadelphia, Pa. Color guide unit for artificial teeth. 121,210; June 25.
Lampl, Walter, New York, N. Y. Pin or the like. 120,436; May 7.
Lampl, Walter, New York, N. Y. Pin or the like. 120,446; May 7.
Lampl, Walter, New York, N. Y. Pin or the like. 120,462; May 7.
Lampl, Walter, New York, N. Y. Pin or the like. 123,088; Oct. 15.
Lampl, Walter, New York, N. Y. Calendar notebook. 124,233; Dec. 24.
Landau, Argo E., Ladue, and W. F. Schaefer, assignors to Royal Bond, Inc., St. Louis, Mo. Anatomical injector. 118,979; Feb. 13.
Landau, Ralph, New York, N. Y. Combined clock and advertising sign. 118,450; Jan. 9.
Landberg, George, Bronx, N. Y. Key case. 121,515; July 16.
Landers, Frary & Clark. (See Smith, Charles F., assignor.)
Landis Tool Company. (See Hollengreen, M. A., and Balsiger, assignors.)
Landis Tool Company. (See Hollengreen, M. A., and Price, assignors.)
Landis Tool Company. (See Hollengreen, M. A., Balsiger, and Boller, assignors.)
Landis Tool Company. (See Hollengreen, M. A., Balsiger, Boller, and Elberty, assignors.)
Landis Tool Company. (See Hollengreen, M. A., Balsiger, and Price.)
Landon, William G., South Lancaster, Mass. Combined sun dial and bird bath or other receptacle. 121,686; July 30.
Landon, William G., South Lancaster, Mass. Combined sun dial and bird bath or similar receptacle. 123,111; Oct. 15.
Landorf, Sam, New York, N. Y. Panty dress. 121,234; June 25.
Landorf, Sam, New York, N. Y. Panty dress. 121,235; June 25.
Landorf, Sam, New York, N. Y. Panty dress. 121,247; June 25.
Landry, William A., White Plains, N. Y. Textile fabric. 121,324; July 2.
Landwehr, Richard F., Laurelton, assignor to Sagamor Metal Goods Corporation, New York, N. Y. Vanity case or similar article. 118,781; Jan. 30.
Lane, Joseph, New York, N. Y. Dress ensemble. 118,666; Jan. 23.
Lane, Joseph, New York, N. Y. Dress. 118,667; Jan. 23.
Lane, Joseph, New York, N. Y. Dress. 118,668; Jan. 23.
Langbert, Harry, New York, N. Y. Dress. 121,977; Aug. 13.
Langbert, Harry, New York, N. Y. Dress. 122,751; Sept. 24.
Langenbacher, Carl D., Noank, Conn. Sewing basket. 120,034; Apr. 16.

Langer, Harry, New York, N. Y. Dress or similar article. 124,179; Dec. 24.
Langford, Alfred, assignor to The Coalport China Company (John Rose & Co.) Limited, Stoke-on-Trent, England. Cup or similar article. 121,720; July 30.
Langius, Manuel, assignor to Michigan Artcraft Company, Sparta, Mich. Combined cabinet and table. 123,322; Oct. 29.
Lanz, Josef S., New York, N. Y. Coat. 122,200; Aug. 27.
Lanz, Josef S., New York, N. Y. Coat. 122,201; Aug. 27.
Lanz, Josef S., New York, N. Y. Dress. 122,534; Sept. 10.
Lanz, Josef S., New York, N. Y. Dress. 122,535; Sept. 10.
Lanz, Josef S., New York, N. Y. Dress. 123,739; Nov. 26.
Lanz, Josef S., New York, N. Y. Dress. 123,740; Nov. 26.
Lanz, Wallace, New York, N. Y. Wall paper. 122,875; Oct. 1.
Lapin Products, Inc. (See Ehrlich, Rose.)
Laursen, Viggo, Adams County, assignor to W. A. Albright, Denver, Colo. Garbage can stand. 123,196; Dec. 24.
Lapointe Machine Tool Company, The. (See Monroe, Kenneth C., assignor.)
Lapteff, Alexis V., New York, N. Y., assignor to The Esterbrook Steel Pen Manufacturing Co., Camden, N. J. Pencil clip or similar article. 119,932; Apr. 16.
La Rosa, Lee, Oakland, Calif. Applique. 122,106; Aug. 20.
Larsen, Andrew C., assignor of one-half to A. W. Sandstrom, Minneapolis, Minn. Bird house. 120,738; May 28.
Larsen, Lewis, Menominee, Mich., assignor to Heywood-Wakefield Company, Gardner, Mass. Chair or similar article. 121,141; June 18.
Larson, Gilbert B., Geneva, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Portable power driven hand tool unit. 118,980; Feb. 13.
La Ruea, Cassandra K., New York, N. Y. Dress. 119,345; Mar. 5.
La Ruea, Cassandra K., New York, N. Y. Dress. 119,346; Mar. 5.
La Ruea, Cassandra K., New York, N. Y. Dress. 119,708; Mar. 26.
La Ruea, Cassandra K., New York, N. Y. Dress. 119,724; Mar. 26.
La Ruea, Cassandra K., New York, N. Y. Dress. 119,725; Mar. 26.
La Ruea, Cassandra K., New York, N. Y. Dress. 119,726; Mar. 26.
La Ruea, Cassandra K., New York, N. Y. Dress. 119,921; Apr. 9.
La Ruea, Cassandra K., New York, N. Y. Dress. 120,094; Apr. 16.
Lathrop, Harvey, Forest Hills, N. Y. Pipe rack. 120,785; May 28.
Laufer, Helen A., New Kensington, Pa. Lady's undergarment. 118,807; Jan. 30.
La Vigne, Jerome R., assignor to The Waterbury Buckle Company, Waterbury, Conn. Clasp. 120,993; June 11.
La Vivante Foundations Inc. (See Greco, Ralph A., assignor.)
Lawrence, Benjamin E., Chicago, Ill. Base for a drink mixer. 120,225; Apr. 30.
Lawrence, Cecil H., Attleboro, assignor to Evans Case Company, North Attleboro, Mass. Hand-mirror frame or the like. 122,615; Sept. 17.
Lawrence, Cecil H., Attleboro, assignor to Evans Case Company, North Attleboro, Mass. Hand-mirror frame or the like. 122,626; Sept. 17.
Lawrence, Cecil H., Attleboro, assignor to Evans Case Company, North Attleboro, Mass. Hand-mirror frame or the like. 122,627; Sept. 17.
Lawrence, Cecil H., Attleboro, Mass., assignor to Evans Case Company. Receptacle for cosmetics. 124,221; Dec. 24.
Lawrence, Cecil H., Attleboro, Mass., assignor to Evans Case Company. Receptacle for cosmetics. 124,222; Dec. 24.
Lawson, F. H., Company, The. (See Lumley, Maurice, assignor.)
Lawson, Victor R. (See Cramer, L. F., and Lawson.)
Laybolt, Harry, Brockton, Mass. Shoe sole. 122,777; Oct. 1.
Lazrus, Benjamin, Lawrence, L. I., assignor to Benrus Watch Company, New York, N. Y. Display case for a wrist watch. 119,861; Apr. 9.
Leach, Walter R., Baltimore, Md. Bottle. 119,088; Feb. 20.
Leach, Walter R., Baltimore, Md. Bottle. 119,089; Feb. 20.
Leach, Walter R., assignor to Carr-Lowrey Glass Company, Baltimore, Md. Bottle. 121,959; Aug. 13.
Lear Avia, Inc. (See Lear, William P., assignor.)
Lear, William P., assignor to Lear Avia, Inc., Dayton, Ohio. Loop antenna housing or similar article. 122,616; Sept. 17.
Lear, William P., assignor to Lear Avia, Inc., Dayton, Ohio. Loop antenna. 122,926; Oct. 8.
Leben, Jack, St. Louis, Mo. Dress. 123,741; Nov. 26.
Leben, Jack, St. Louis, Mo. Dress. 123,742; Nov. 26.
LeBlond, R. K., Machine Tool Company, The. (See Groene, William F., assignor.)
Le Brun, Max, Woodmere, N. Y. Brooch or similar article. 122,617; Sept. 17.
Le Clercq, Raymond, Los Angeles, Calif. Battery box. 119,595; Mar. 26.
Lederman, Max, New York, N. Y. Coat. 121,926; Aug. 13.
Lederman, Sidney K. (See van der Does, J. A., and Lederman.)
Lee, Robert S., Eau Claire, Wis., assignor to National Co-Operatives, Inc., Chicago, Ill. Tire. 119,169; Feb. 27.
Lee, Robert S., Eau Claire, Wis., assignor to National Co-Operatives, Inc., Chicago, Ill. Tire. 119,170; Feb. 27.
Lee, Robert S., Eau Claire, Wis., assignor to National Co-Operatives, Inc., Chicago, Ill. Tire. 119,171; Feb. 27.
Lee, Robert S., Eau Claire, Wis., assignor to National Co-Operatives, Inc., Chicago, Ill. Tire. 119,184; Feb. 27.
Lee, Robert S., Eau Claire, Wis., assignor to National Co-Operatives, Inc., Chicago, Ill. Tire. 119,185; Feb. 27.
Lee, Robert S., Eau Claire, Wis., assignor to National Co-Operatives, Inc., Chicago, Ill. Tire. 119,390; Mar. 12.
Lee, Robert S., Eau Claire, Wis., assignor to National Co-Operatives, Inc., Chicago, Ill. Tire. 122,572; Sept. 17.
Leeb, Martin, Chicago, Ill. Hassock. 123,553; Nov. 12.
Leef, John H., Minneapolis, Minn. Garment pocket ironing device. 121,687; July 30.
Le Febvre, Alfred L., assignor to The Fuller Brush Company, Hartford, Conn. Brush handle. 123,699; Nov. 26.
Le Febvre, Alfred L., assignor to The Fuller Brush Company, Hartford, Conn. Brush handle. 123,700; Nov. 26.
Le Febvre, Alfred L., assignor to The Fuller Brush Company, Hartford, Conn. Brush handle. 123,701; Nov. 26.
Leff, Jacques H., New York, N. Y. Jeweled alphabet. 122,337; Sept. 3.
Leff, Jacques H., New York, N. Y. Brooch or similar article. 123,211; Oct. 22.
Leff, Morris, Brooklyn, N. Y. Embroidered fabric. 119,675; Mar. 26.
Leff, Morris, Brooklyn, N. Y. Embroidered fabric. 119,709; Mar. 26.
Leff, Victor, New York, N. Y. Combined display stand and bottles of perfume. 121,688; July 30.
Leff, Victor, New York, N. Y. Combined display stand and bottles of perfume. 121,689; July 30.
Le Guillou, Yves C., New York, N. Y. Serving tray or the like. 121,516; July 16.
Lehman, Carl E., Chicago, Ill. Faucet attachment. 121,391; July 9.
Lehmann, Herbert G., Wood-Ridge, N. J., assignor to Casco Products Corporation, Bridgeport, Conn. Coffee maker. 120,933; June 4.
Lehmann, Herbert G., Wood-Ridge, N. J., assignor to Casco Products Corporation, Bridgeport, Conn. Coffee maker. 120,934; June 4.
Lehmberg, William H., Dudley, assignor to American Optical Company, Southbridge, Mass. Eye shield. 121,121; June 18.
Leick, Ernst C., San Jose, Calif. Granulated soap pitcher. 120,107; Apr. 23.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 118,703; Jan. 30.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 118,704; Jan. 30.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 118,705; Jan. 30.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 118,706; Jan. 30.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 118,707; Jan. 30.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 118,708; Jan. 30.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 119,270; Mar. 5.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 119,271; Mar. 5.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 119,272; Mar. 5.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 119,273; Mar. 5.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 119,274; Mar. 5.

Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 121,049; June 11.
Leitch, Frank E., assignor to Stamford Wall Paper Company, Incorporated, Stamford, Conn. Wall paper or the like. 119,432; Mar. 12.
Leitch, Frank E., assignor to Stamford Wall Paper Company, Incorporated, Stamford, Conn. Wall paper or the like. 119,676; Mar. 26.
Leitch, Frank E., assignor to Stamford Wall Paper Company, Incorporated, Stamford, Conn. Wall paper or the like. 120,283; Apr. 30.
Lelong, Lucien, Inc. (See Buckingham, John D., assignor.)
Lempco Products, Inc. (See Blazek, John Y., assignor.)
Lempco Products, Inc. (See Blazek, J. Y., and Roy, assignors.)
Lentheric Incorporated. (See McIntosh, Frank, assignor.)
Lentuch, Israel M., Brooklyn, N. Y. Game board. 123,057; Oct. 15.
Leonard, Juanita H., assignor to Harriet Hubbard Ayer, Inc., New York, N. Y. Soap cake or similar article. 123,058; Oct. 15.
Leonard, Juanita H., assignor to Harriet Hubbard Ayer, Inc., New York, N. Y. Soap cake or similar article. 123,407; Nov. 5.
Leonard, Juanita H., assignor to Harriet Hubbard Ayer, Inc., New York, N. Y. Soap cake or similar article. 123,408; Nov. 5.
Leopold, George O., assignor to North Bro's M'f'g Co., Philadelphia Pa. Tool handle. 123,433; Nov. 5.
Lerman, Kate, Chicago, Ill. Clock or similar article. 119,391; Mar. 12.
Lerman, Kate, Chicago, Ill. Clock or similar article. 120,864; June 4.
Lerman, Kate, Chicago, Ill. Clock or similar article. 120,865; June 4.
Leslie, Frank M., Oakland, Calif. Shingle. 120,622; May 21.
Leslie, Freeland H., Chicago, Ill. Roof ventilator. 124,294; Dec. 24.
Lessler, Lew W., Johnson City, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Camera casing. 119,392; Mar. 12.
Lester, Bertram M., New York, N. Y. Tie rack. 122,688; Sept. 24.
Le Tourneau, R. G., Inc. (See Le Tourneau, Robert G., assignor.)
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Yoke for earth working implements. 119,190; Feb. 27.
Lett, Robert L., La Crosse, Wis. Game board. 120,994; June 11.
Lettino, Fred, Astoria, Long Island, N. Y. Draftsman's stencil. 118,824; Feb. 6.
Leventhal, Edward, New York, N. Y. Coat. 121,960; Aug. 13.
Le Veque, Jack R., and C. J. Maguire, Venice, Calif. Game board. 122,024; Aug. 20.
Levering, Stanley H., Clarks Summit, Pa. Toy trailer. 123,810; Dec. 3.
Levey, Sheldon B., Eggertsville, assignor to Barmon Brothers Company, Inc., Buffalo, N. Y. Dress. 120,407; May 7.
Levi, Daniel, Chicago, Ill., assignor to Gamble Brothers, Incorporated, Louisville, Ky. Desk and seat unit. 123,202; Oct. 22.
Levin, Abraham M., assignor to Wheary Trunk Company, Racine, Wis. Luggage case. 123,483; Nov. 12.
Levin, David, New York, N. Y. Shoe. 118,479; Jan. 9.
Levin, David, New York, N. Y. Shoe heel. 120,314; Apr. 30.
Levin, David, New York, N. Y. Shoe. 121,165; June 25.
Levin, David, New York, N. Y. Shoe. 121,166; June 25.
Levin, David, New York, N. Y. Shoe. 121,167; June 25.
Levin, David, New York, N. Y. Shoe. 121,283; July 2.
Levin, David, New York, N. Y. Shoe sole or similar article. 123,620; Nov. 19.
Levin, David, and J. W. McGee, New York, N. Y. Shoe or similar article. 120,394; May 7.
Levin, Irving, assignor to Elite Glass Co. Inc., New York, N. Y. Prismatic pendant. 118,626; Jan. 23.
Levin, Irving, assignor to Elite Glass Co. Inc., New York, N. Y. Prismatic pendant. 121,211; June 25.
Levine, Abraham, Elizabeth, N. J. Hanger supporting head for garment carrying fixtures or the like. 119,632; Mar. 26.
Levine, Arthur, New York, N. Y. Dress. 122,520; Sept. 10.
Levine, Arthur, New York, N. Y. Dress. 122,649; Sept. 17.
Levine, Maurice H., Chicago, Ill. Supporting leg for a table or similar article. 120,487; May 14.
Levine, Michael M., New York, N. Y. Dress. 122,373; Sept. 3.
Levine, Michael M., New York, N. Y. Dress. 122,374; Sept. 3.
Levine, Michael M., New York, N. Y. Dress. 122,375; Sept. 3.
Levine, Michael M., New York, N. Y. Dress. 122,376; Sept. 3.
Levine, Michael M., New York, N. Y. Dress. 123,243; Oct. 22.
Levine, Michael M., New York, N. Y. Dress. 123,362; Oct. 29.
Levine, Michael M., New York, N. Y. Dress. 123,363; Oct. 29.
Levine, Michael M., New York, N. Y. Dress. 123,811; Dec. 3.
Levine, Samuel J., East Orange, N. J., assignor to General Electric Company. Cabinet for an air conditioning unit or similar article. 121,880; Aug. 13.
Levy, Abraham, and J. F. Punzak, Brooklyn, N. Y. Liquid dispenser. 121,300; July 2.
Levy, Abraham, and J. F. Punzak, assignors to United Metal Goods Manufacturing Co. Inc., Brooklyn, N. Y. Ship clock. 121,634; July 23.
Levy, Abraham, Brooklyn, and J. F. Punzak, assignors to United Metal Goods Manufacturing Co. Inc., Brooklyn, N. Y. Clock. 122,083; Aug. 20.
Levy, Albert A., et al. (See Biva, Lucien, assignor.)
Levy, Albert A., et al., co-executors. (See Biva, Lucien, assignor.)
Levy, Benjamin, New York, N. Y. Game board. 123,267; Oct. 29.
Levy, Henry, Merrick, N. Y. Doll. 123,812; Dec. 3.
Levy, Herbert B. (See Rosenthal, M. G., and Levy.)
Levy, Joseph, Brooklyn, N. Y. Cosmetic bag. 122,167; Aug. 27.
Levy, Milton C., Chicago, Ill. Lamp head for fluorescent lamps. 124,076; Dec. 17.
Levy, Nat, New York, N. Y. Necklace or the like. 121,059; June 11.
Levy-Urie, Nat, Mandle Corporation. (See Hess, Lester, assignor.)
Lewel Mfg. Co. Inc. (See Lewis, Benn, assignor.)
Lewenthal, Roland R., New York, N. Y. Double vanity handbag. 123,409; Nov. 5.
Lewis, Benn, Maplewood, N. J., assignor to Lewel Mfg. Co. Inc., New York, N. Y. Brassière or similar article. 121,645; July 23.
Lewis, Elmer, Kansas City, Mo. Electric cooker. 119,633; Mar. 26.
Lewis, Elmer, Kansas City, Mo. Electric cooker. 119,847; Apr. 9.
Lewis, Elmer, Kansas City, Mo. Vegetable slicer.. 122,273; Sept. 3.
Lewis, Florence N., New York, N. Y. Handbag. 119,848; Apr. 9.
Lewis, Florence N., New York, N. Y. Handbag. 120,126; Apr. 23.
Lewis, Florence N., New York, N. Y. Handbag. 120,346; May 7.
Lewis, Florence N., New York, N. Y. Handbag. 122,628; Sept. 17.
Lewis, Howard B., Venice, Calif. Safety hat. 118,432; Jan. 2.
Lewis, Myron W., F. Johanson, and D. R. Pennell, Alliance, assignors to The Electric Neon Clock Company, Cleveland, Ohio. Clock sign. 120,488; May 14.
Lewis Steel Products Corporation. (See Greenberg, Louis, assignor.)
Lewis. Troy D., Glendale, assignor to Arden Farms, Inc., Los Angeles, Calif. Milk bottle. 118,500; Jan. 9.
Leyne, Helen, New York, N. Y. Eyelid protector-turner-holder. 119,329; Mar. 5.
L'Hollier, Leslie H., Waltham, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Overshoe. 120,644; May 21.
L'Hollier, Leslie H., Waltham, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Overshoe or the like. 124,255; Dec. 24.
L'Hollier, Leslie H., Waltham, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Overshoe or the like. 124,256; Dec. 24.
L'Hollier, Leslie H., Waltham, and A. L. Diller, Belmont, Mass., assignors to The B. F. Goodrich Company, New York, N. Y. An overshoe or the like. 124,254; Dec. 24.
Libbey Glass Company. (See Fuerst, Edwin W., assignor.)
Libbey Glass Company. (See Fuerst, E. W., and Teague, assignors.)
Libbey Glass Company. (See Sawyer, Charles, assignor.)
Libbey-Owens-Ford Glass Company. (See Doner, Halbert C., assignor.)
Libbey-Owens-Ford Glass Company. (See Lowry, Clyde D., assignor.)
Liberty Music Shops, Inc. (See Kolmetz, Frederick A., assignor.)
Lichtenauer, Joseph M., Westport, Conn. Combined cigarette holder and ashtray. 123,755; Dec. 3.
Lichtentag, Moise, New York, N. Y. Shoe. 122,025; Aug. 20.
Lieber, Herman, Bronx, N. Y. Match book. 118,741; Jan. 30.
Lieberman, Harry L., Chicago, Ill. Studio couch arm. 121,635; July 23.
Lieberman, Samuel, Roxbury, Mass. Water-faucet filter. 120,915; June 4.
Liebes, Nelson, New York, N. Y. Handbag frame. 124,388; Dec. 31.
Liebhardt, Harry G. (See Walton, Elbert J., assignor.)
Ligh, David R., Staten Island, N. Y. Apparatus for threading sewing needles. 121,721; July 30.
Lily-Tulip Cup Corporation. (See Hope, Samuel N., assignor.)
Lim, Manuel. (See Sandejas, Jose P., assignor.)
Lima Cord Sole and Heel Company, The. (See Curtis, Alfred A., assignor.)
Lincoln Engineering Company. (See Fox, A. P., and Reisert, assignors.)

Lindberg, Carl A. (See Dow, D. M., Burmeister, and Lindberg.)
Lindemann, A. J., & Hoverson Company. (See Lindemann, W. C., and Meiners, assignors.)
Lindemann, A. J., & Hoverson Company. (See Stanchfield, Charles, assignor.)
Lindemann, Walter C., and R. Meiners, Milwaukee, Wis., assignors to A. J. Lindemann & Hoverson Company. Range or analogous article. 121,722; July 30.
Lindenbaum, Herbert, New York, N. Y. Dress. 120,849; May 28.
Lindenthaler, Charles J., New York, N. Y. Wall paper. 123,339; Oct. 29.
Linderman, Victor, New Bedford, Mass., assignor to Strand Leather Goods Co., Inc., New York, N. Y. Flexible receptacle. 120,814; May 28.
Linderme, Theodore G. (See Holden, W. L., and Linderme.)
Lindey, Louis A., Brooklyn, N. Y. Combined bracket and vase. 120,623; May 21.
Lindfelt, Edward C., Des Moines, Iowa. Hood. 123,364; Oct. 29.
Lindgren, Benjamin L., Renton, Wash. Foot roller. 119,035; Feb. 20.
Lindner, Rose K., New York, N. Y. Lady's spat. 123,676; Nov. 26.
Lindsay, John W., North Adams, Mass. Textile fabric. 120,964; June 4.
Lindsay, John W., North Adams, Mass. Textile fabric. 120,995; June 11.
Lindsay, John W., North Adams, Mass. Textile fabric. 121,015; June 11.
Lindsay, John W., North Adams, Mass. Textile fabric. 121,530; July 16.
Lindsay, John W., North Adams, Mass. Textile fabric. 122,044; Aug. 20.
Lindsey, Ralph D., Glenshaw, Pa., assignor to J. T. & A. Hamilton Company. Glass bottle. 124,389; Dec. 31.
Lindwall, Arthur W., Hollis, N. Y. Toy or similar article. 123,112; Oct. 15.
Linn, Henry W., Newark, N. J. Clothespin. 119,933; Apr. 16.
Lion, Oscar, New York, N. Y. Ribbon. 121,791; Aug. 6.
Lion, Oscar, New York, N. Y. Ribbon. 121,792; Aug. 6.
Lion, Oscar, New York, N. Y. Ribbon roller. 122,897; Oct. 8.
Lion, Oscar, New York, N. Y. Ribbon. 124,473; Dec. 31.
Lipic, Joseph G., Jr., assignor to Jos. Lipic Pen Co., St. Louis, Mo. Combined key chain and driver's license receptacle. 121,541; July 16.
Lipic, Jos., Pen Co. (See Lipic, Joseph G., Jr.)
Lipic, Sylvester G., St. Louis, Mo. Pocket pencil or similar article. 120,108; Apr. 23.
Lipic, Sylvester G., St. Louis, Mo. Pocket pencil or similar article. 120,127; Apr. 23.
Lipic, Sylvester G., St. Louis, Mo. Key holder. 120,568; May 14.
Lipic, Sylvester G., St. Louis, Mo. Pencil or similar article. 123,297; Oct. 29.
Lipof, Joseph, Mattapan, Mass. Dress ensemble. 119,003; Feb. 13.
Lippert, Morris, Brooklyn, N. Y. Sandal. 119,885; Apr. 9.
Lipphard, Edward E., St. Petersburg, Fla. Traffic safety sign. 120,267; Apr. 30.
Lippincott, Joshua G., Scarsdale, assignor to Keith Clark, Incorporated, New York, N. Y. Desk calendar support or the like. 121,284; July 2.
Lippincott, Joshua G., Scarsdale, N. Y. Bar tray or the like. 122,168; Aug. 27.
Lippincott, Joshua G., Scarsdale, N. Y., assignor to George Rutledge Company. Display stand or the like. 123,434; Nov. 5.
Lippitt, George R., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Vehicle heater. 120,866; June 4.
Lippitt, George R., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Vehicle heater. 120,916; June 4.
Lippitt, George R., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Vehicle heater. 120,935; June 4.
Lippitt, George R., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Vehicle heater. 120,936; June 4.
Lippitt, George R., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Vehicle heater. 120,937; June 4.
Lippitt, George R., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Vehicle heater. 120,938; June 4.
Lippitt, George R., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Vehicle heater. 120,939; June 4.
Lippitt, George R., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Vehicle heater. 121,236; June 25.
Lippitt, George R., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Vehicle heater. 121,624; July 23.
Lippitt, George R., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Vehicle heater. 122,551; Sept. 10.
Lippman, Jeannette, East Orange, N. J. Dress. 118,426; Jan. 2.
Lipschitz, Albert, New York, N. Y. Dress. 123,979; Dec. 10.
Lipschultz, Morris A., Chicago, Ill. Signal device. 120,645; May 21.
Lipschultz, Morris A., Chicago, Ill. Signal device. 123,268; Oct. 29.
Lish, Samuel, Woodmere, N. Y. Lady's hat. 121,770; Aug. 6.
Lissfelt, Harry L., New York, assignor to Corning Glass Works, Corning, N. Y. Tumbler. 118,825; Feb. 6.
Lister, James R., Philadelphia, Pa. Woven textile fabric. 118,539; Jan. 9.
Lister, James R., Philadelphia, Pa. Woven textile fabric. 118,583; Jan. 16.
Litho Equipment & Supply Company. (See Sussin, Victor J., assignor.)
Litle, Thomas J., Jr., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Ironing machine. 121,074; June 18.
Litt, Samuel, New York, N. Y. Dress. 122,981; Oct. 8.
Litt, Samuel, New York, N. Y. Dress. 123,032; Oct. 8.
Little, John M., Toledo, Ohio. Combination kitchen unit. 123,571; Nov. 19.
Little, John M., Toledo, Ohio. Combination kitchen unit. 123,572; Nov. 19.
Llorens, Louis M., New Haven, Conn., assignor to Swift Business Machines Corporation, New York, N. Y. Computing and listing machine. 118,962; Feb. 13.
Lloyd, Philip G., Jackson Heights, N. Y., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle 123,621; Nov. 19.
Lobdell, Benjamin N., assignor to The Lobdell-Emery Manufacturing Company, Alma, Mich. Bicycle saddle. 121,168; June 25.
Lobdell-Emery Manufacturing Company, The. (See Lobdell, Benjamin N., assignor.)
Lobel, Rudolph, Brooklyn, N. Y. Handbag. 120,940; June 4.
Lobel, Rudolph, New York, N. Y. Combined hand and utility bag. 121,651; July 23.
Lockheed Aircraft Corporation. (See Hibbard, H. L., and Johnson, assignors.)
Lockheed Aircraft Corporation. (See Johnson, C. L., and Beman, assignors.)
Lockwood, Charles N., Chicago, Ill. Heat retaining nursing bottle holder. 122,959; Oct. 8.
Lockwood, George M. (See Schoenberger, Otto.)
Lockwood, Norman F., Providence, R. I., assignor to Warren Telechron Company. Clock case. 122,316; Sept. 3.
Loeber, Herman M., Beatrice, Nebr., assignor to Dempster Mill Manufacturing Company. Pump. 118,981; Feb. 13.
Loeber, Herman M., Beatrice, Nebr., assignor to Dempster Mill Manufacturing Company. Pump. 119,214; Feb. 27.
Loewy, Raymond, New York, N. Y. Air cooling and dehumidifying unit. 120,383; May 7.
Loewy, Raymond, assignor to Parfums Schiaparelli, Inc., New York, N. Y. Bottle. 121,191; June 25.
Loewy, Raymond, assignor to Parfums Schiaparelli, Inc., New York, N. Y. Shaving stick container or similar article. 121,877; Aug. 13.
Loewy, Raymond, New York, N. Y., and T. H. Koeber, Fort Wayne, Ind., assignors to International Harvester Company. Combined tractor radiator cover and hood. 119,826; Apr. 2.
Loewy, Raymond, and A B Barnhart, New York, N. Y., assignors to The Coca-Cola Company, Wilmington, Del. Cooler cabinet. 121,392; July 9.
Loewy, Raymond F., New York, N. Y., assignor to Schick Dry Shaver, Inc., Stamford, Conn. Electric shaver. 121,476; July 16.
Loewy, Raymond F., New York, N. Y., assignor to Schick Dry Shaver, Inc., Stamford, Conn. Electric shaver. 121,477; July 16.
Loewy, Raymond F., New York, N. Y., assignor to Schick Dry Shaver, Inc., Stamford, Conn. Electric shaver. 121,478; July 16.
Loewy, Raymond F., New York, N. Y., assignor to Schick Dry Shaver, Inc., Stamford, Conn. Electric shaver. 121,479; July 16.
Loewy, Raymond G. F., assignor to New York Lunchmaster Corp., New York, N. Y. Food vending machine. 119,818; Apr. 2.
Logan Co. Inc. (See Logan, Zack S., assignor.)
Logan Gear Company, The. (See McCarthy, Charles S., assignor.)
Logan, Zack S., assignor to Logan Co. Inc., Louisville, Ky. Glider or the like. 118,860; Feb. 6.
Lohr, Raymond J., Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Toy piano. 123,435; Nov. 5.
Lohse, Frederick W., Attleboro, Mass. Atomizer. 118,782; Jan. 30.
Lombard, Ben, New York, N. Y. Robe or similar article. 119,807; Apr. 2.
London, Burton W., et al. (See Goldberg, Maurice H., assignor.)
London, Isreal J., et al. (See Goldberg, Maurice H., assignor.)
London, Israel J., Detroit, Mich. Casing for a projector. 123,298; Oct. 29.

London, Laura, et al. (See Goldberg, Maurice H., assignor.)
Lonergan Manufacturing Company. (See Walker, George W., assignor.)
Long, Barney, Minneapolis, Minn. Tool post for lathes. 122,274; Sept. 3.
Longdin, Harry W., Atlanta, assignor, by mesne assignments, of one-third to James V. Malcolm, Jr., Decatur, and one-third to J. C. Stanley, Fulton County, Ga. Combined filler and suction pipe casing for underground storage tanks. 124,316; Dec. 31.
Longley, Herman V., Elkton, Va., assignor of one-half to L. C. Reeves, Haddonfield, N. J. Illuminating device. 122,169; Aug. 27.
Longstreet, William, Cleveland, Ohio. Toy barrow. 123,269; Oct. 29.
Lonn, Julius M., Aurora, Ill. Fishing rod tip. 122,898; Oct. 8.
Lordi, Alfonso A., New York, N. Y. Ski suit. 119,553; Mar. 19.
Lorenzen, Arnold I., Toledo, Ohio, assignor to Schenley Distillers Corporation, New York, N. Y. Bottle. 119,658; Mar. 26.
Lormor, Henry W., Cleveland Heights, Ohio. Combined relish bowl and tray. 118,905; Feb. 6.
Loose-Wiles Biscuit Company. (See Howell, B. C., and Melvin, assignors.)
Lo Prete, Salvatore, New York, N. Y. Coat. 123,717; Nov. 26.
Lo Prete, Salvatore, New York, N. Y. Coat. 123,718; Nov. 26.
Lo Prete, Salvatore, New York, N. Y. Suit. 124,180; Dec. 24.
Lo Prete, Salvatore, New York, N. Y. Coat. 124,181; Dec. 24.
Lorber, Henry, New York, N. Y. Button. 121,393; July 9.
Lord, Kenneth M., Canandaigua, assignor to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Housing for signal device. 121,301; July 2.
Lorenz, Ernest, Hoboken, N. J. Embroidered medallion. 122,486; Sept. 10.
Lorenz, Ernest, Hoboken, N. J. Embroidered medallion. 122,487; Sept. 10.
Lorenzen, Arnold I., Toledo, Ohio, assignor to Baker Extract Company, Springfield, Mass. Bottle. 122,899; Oct. 8.
Lormor, Henry W., Cleveland Heights, Ohio. Photo enlarging mask. 121,394; July 9.
Los Angeles Spring Bed Company. (See Moeller, William A., assignor.)
Loud, Stanley D., and W. E. Sullivan, assignors to Worcester Mower Company, Worcester, Mass. Lawn mower handle. 123,113; Oct. 15.
Louisville Electric Manufacturing Co. (See McFerran, John B., Jr., assignor.)
Lovelace, William R. (See Boothby, W. M., Bulbulian, and Lovelace.)
Loveland, Clyde B., Buffalo, N. Y. Serving tray. 118,377; Jan. 2.
Lowe, Joe, Corporation. (See Thomas, Norman M., assignor.)
Lowenstein, Alfred, New York, N. Y. Confectionery product. 119,275; Mar. 5.
Lowenstein, Malcolm W., Baltimore, Md. Bottle or similar article. 120,624; May 21.
Lowenstein, Malcolm W., Baltimore, Md. Bottle or similar article. 120,625; May 21.
Lowin, Anna W., Chicago, Ill. Toy animal. 120,646; May 21.
Lowrey, Alva, et al. (See Wilhite, Hollis S., assignor.)
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal molding strip. 124,037; Dec. 17.
Lozano, Frank. (See De Requesens, Joseph A. N., assignor.)
Lubarsky, Reuben, New York, N. Y., and F. Smizaski, Jersey City, assignors to Ace Novelty Products Corporation, Newark, N. J. Knitted curtain fabric. 119,451; Mar. 12.
Lubarsky, Reuben, Brooklyn, N. Y., and F. Smizaski, Jersey City, assignors to Ace Novelty Products Corporation, Newark, N. J. Knitted curtain fabric. 121,357; July 2.
Lubben, Henry. (See Wood, Grant, assignor.)
Lubin, Henry G. (See Vivaudou, J. E., and Lubin.)
Luby, Charles H., Philadelphia, Pa. Plastic packaging reinforcing sheet. 123,909; Dec. 10.
Lucksted, Leon D., Van Dyke, assignor of one-half to A. Missinne, Detroit, Mich. Fishing plug. 121,492; July 16.
Ludwig, Louis, Brooklyn, N. Y. Combined illuminated name plate and push button. 119,963; Apr. 16.
Ludwig, Louis, Brooklyn, N. Y. Electrical connecting cap. 120,463; May 7.
Ludwig, Louis, Brooklyn, N. Y. Combined desk unit and lamp base. 122,465; Sept. 10.
Luebbe, Frank A., Cincinnati, Ohio, assignor to Pittsburgh Steel Company, Pittsburgh, Pa. Wire fence. 121,817; Aug. 6.
Lueneburg, Walter C. (See Faulstich, H. W., and Lueneburg.)
Lufkin Rule Company, The. (See Witchger, Eugene J., assignor.)
Lull, Dorathy, New York, N. Y. Uniform. 119,225; Feb. 27.
Lum, Quon C., Honolulu, Hawaii. Guitar. 119,634; Mar. 26.
Lumley, Maurice, assignor to The F. H. Lawson Company, Cincinnati, Ohio. Trash receptacle. 123,212; Oct. 22.
Lundgren, Carl S., assignor to Air Control Products, Inc., Muskegon, Mich. Base board register. 119,786; Apr. 2.
Lundgren, Carl S., assignor to Air Control Products, Inc., Muskegon, Mich. Base board register. 119,787; Apr. 2.
Lundgren, Carl S., assignor to Air Control Products, Inc., Muskegon, Mich. Base board register. 119,788; Apr. 2.
Lundy, William, assignor to Olean Glass Company, Olean, N. Y. Tumbler or the like. 118,963; Feb. 13.
Lundy, William J., assignor to Olean Glass Company, Olean, N. Y. Jelly tumbler. 119,393; Mar. 12.
Lundy, William J., assignor to Olean Glass Company, Olean, N. Y. Jelly tumbler. 119,862; Apr. 9.
Lundy, William J., assignor to Olean Glass Company, Olean, N. Y. Jelly tumbler. 119,863; Apr. 9.
Lundy, William J., assignor to Olean Glass Company, Olean, N. Y. Tumbler or the like. 120,226; Apr. 30.
Lundy, William J., assignor to Olean Glass Company, Olean, N. Y. Glass jar. 120,815; May 28.
Lundy, William J., assignor to Olean Glass Company, Olean, N. Y. Jelly tumbler. 121,573; July 23.
Lundy, William J., assignor to Olean Glass Company, Olean, N. Y. Glass jug. 123,505; Nov. 12.
Lundy, William J., assignor to Olean Glass Company, Olean, N. Y. Jelly tumbler. 124,317; Dec. 31.
Lunning, Frederik, Inc. (See Bojesen, Kay, assignor.)
Luntz, Dorothy, New York, N. Y. Play dress. 120,686; May 21.
Lustron Lights, Inc. (See Beck, L. L., and Price, assignors.)
Lutman, Frank B., Willoughby, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Hedge shears. 123,622; Nov. 19.
Lutz, Albert W., Brockton, assignor to Geo. E. Keith Company, Campello, Mass. Shoe. 119,276; Mar. 5.
Lux Clock Manufacturing Company, The. (See Lux, Frederick, assignor.)
Lux Clock Manufacturing Company, The. (See Lux, Paul, assignor.)
Lux, Frederick, assignor to The Lux Clock Manufacturing Company, Inc., Waterbury, Conn. Clock. 119,886; Apr. 9.
Lux, Frederick, assignor to The Lux Clock Manufacturing Company, Inc., Waterbury, Conn. Clock. 119,887; Apr. 9.
Lux, Frederick, assignor to The Lux Clock Manufacturing Company, Inc., Waterbury, Conn. Clock. 119,888; Apr. 9.
Lux, Frederick, assignor to The Lux Clock Manufacturing Company, Inc., Waterbury, Conn. Clock. 119,889; Apr. 2.
Lux, Frederick, assignor to The Lux Clock Manufacturing Company, Waterbury, Conn. Wall clock. 120,511; May 14.
Lux, Paul, assignor to The Lux Clock Manufacturing Company, Waterbury, Conn. Flower pendulum clock. 123,782; Dec. 3.
Lyman, Roy E., Kansas City, Mo. Game device. 123,677; Nov. 26.
Lynch, Edward S., New York, N. Y. Lamp. 120,554; May 14.
Lynch, Edward S., New York, N. Y. Combination cigarette dispenser and lighter. 124,038; Dec. 17.
Lynch, George C., Los Angeles, Calif. Roast rack. 124,197; Dec. 24.
Lyness, Horatio S., Lynn, Mass., assignor to United Shoe Machinery Corporation. Winged insole. 119,668; Mar. 26.
Lynn, Max., New York, N. Y. Dress ensemble. 123,623; Nov. 19.
Lyon, Harold J., Los Angeles, Calif. Combination money and ticket holder. 120,867; June 4.
Lyon Metal Products, Incorporated. (See Bales, James E., assignor.)
Macbeth Arc Lamp Company. (See Eachus, Iredell, assignor.)
MacCarthy, Charles F. (See Biggs, O. H., and MacCarthy.)
MacCarthy, Charles F., assignor to Hygrade Sylvania Corporation, Salem, Mass. Fluorescent lamp fixture. 121,420; July 9.
MacCarthy, Charles F., assignor to Hygrade Sylvania Corporation, Salem, Mass. Fluorescent lamp fixture. 122,145; Aug. 27.
Macdonald, Charles H., and L. Rackham, San Francisco, assignors to Pacific Brewing & Malting Co., San Jose, Calif. Sign. 119,041; Feb. 20.
Macdonald, D. A. (See Cady, J. E., Macdonald, and Null.)
MacDonald, Joseph T., New York, N. Y. Textile fabric. 119,831; Apr. 2.
MacDougall, Robert, Rock Falls, Ill., assignor to Prince Castles Manufacturing Division. Beverage mixer. 122,689; Sept. 24.
MacFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric lighting fixture. 119,789; Apr. 2.

MacFadden, Glenn E. and L., assignors to Markel Electric Products, Inc., Buffalo, N. Y. Wall bracket lamp. 118,861; Feb. 6.
MacFadden, Glenn E., and D. L. Ripley, Buffalo, N. Y. Portable electric heater. 119,197; Feb. 27.
MacFadden, Leland. (See MacFadden, Glenn E. and L.)
Mack, William, assignor to The Bell & Howell Company, Chicago, Ill. Picture projector base. 121,910; Aug. 13.
Mack, William, assignor to The Bell & Howell Company, Chicago, Ill. Picture projector housing. 121,911. Aug. 13.
Mackewicz, Alexandra, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 123,410; Nov. 5.
Mackey, Elmer W., Kirkland, Wash. Radiator ornament or the like. 121,220; June 25.
Macksoud, Alice, New York, N. Y. Robe or similar article. 122,824; Oct. 1.
MacLean, J. Showles, Toledo, Ohio. Cream remover. 118,826; Feb. 6.
MacNeil, Stanley, New York, N. Y. Brooch or similar article. 120,170; Apr. 23.
Macri, Saveria, Brooklyn, N. Y. Shoe. 122,466; Sept. 10.
Madaras, Andrew, Chicago, Ill. Combined bracket and latch for hair driers. 121,142; June 18.
Madsen, John S., New York, N. Y. Textile fabric or similar article. 119,727; Mar. 26.
Madsen, John S., New York, N. Y. Table cloth or similar article. 119,728; Mar. 26.
Madsen, John S., New York, N. Y. Textile fabric or similar article. 119,729; Mar. 26.
Madsen, John S., New York, N. Y. Table cloth or similar article. 119,730; Mar. 26.
Madsen, John S., New York, N. Y. Tablecloth or similar article. 119,731; Mar. 26.
Madsen, John S., New York, N. Y. Textile fabric or similar article. 119,732; Mar. 26.
Madsen, John S., New York, N. Y. Textile fabric. 120,268; Apr. 30.
Madsen, John S., New York, N. Y. Scarf or similar article. 120,269; Apr. 30.
Madsen, John S., New York, N. Y. Tablecloth or similar article. 120,284; Apr. 30.
Madsen, John S., New York, N. Y. Tablecloth or similar article. 120,285; Apr. 30.
Magesis, Abraham, Brooklyn, N. Y. Dress. 121,841; Aug. 6.
Magesis, Abraham, Brooklyn, N. Y. Dress. 122,996; Oct. 8.
Maguire, C. J. (See Le Veque, J. R., and Maguire.)
Mahler, Simon, New York, N. Y. Dress. 118,540; Jan. 9.
Mahn, Holbrook, Denver, Colo. Clamp applying tool. 123,270; Oct. 29.
Maiden Form Brassiere Company. (See Fieldseth, Malvina, assignor.)
Maidman, Ada, New York, N. Y. Dress. 120,300; Apr. 30.
Maidman, Ada, New York, N. Y. Dress ensemble. 120,301; Apr. 30.
Maidman, Ada, New York, N. Y. Dress ensemble. 123,340; Oct. 29.
Maidman, Ada, New York, N. Y. Dress. 123,341; Oct. 29.
Maidman, Ada, New York, N. Y. Dress. 123,365; Oct. 25.
Maidman, Ada, New York, N. Y. Dress. 123,366; Oct. 29.
Maidman, Ada, New York, N. Y. Dress ensemble. 124,101; Dec. 17.
Maidt, William, Haworth, N. J. Game board. 123,089; Oct. 15.
Main, Amos L., assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Clamp keeper for a clip body. 121,075; June 18.
Maison Paquin Ltd. (See Robert, Rene, assignor.)
Maitland, Walter O., San Francisco, Calif. Dentist's anvil. 121,221; June 25.
Majewski, Joseph M., Jr., assignor to F. L. Talge, Kansas City, Mo., doing business as Rival Manufacturing Company. Fruit reamer. 118,640; Jan. 23.
Majewski, Joseph M., Jr., assignor to F. L. Talge, Kansas City, Mo., doing business as Rival Manufacturing Company. Electric broiler. 121,493; July 16.
Majewski, Joseph M., Jr., assignor to F. L. Talge, Kansas City, Mo., doing business as Rival Manufacturing Company. Electric broiler. 122,128; Aug. 27.
Malcolm, James V., Jr., et al. (See Longdin, Harry W., assignor.)
Maldera, Lena, Ozone Park, N. Y. Tombstone. 123,649; Nov. 19.
Maling, Roy, West Roxbury, Mass. Shoe. 121,480; July 16.
Mall, Arthur W., Flossmoor, Ill. Concrete vibrator or the like. 121,248; June 25.
Mallory, P. R., & Co. (See Peck, Gordon V., assignor.)
Maltz, Maxwell, New York, N. Y. Surgical blade. 119,635; Mar. 26.
Mancik, William, New York, N. Y., and G. H. Quennard, Morristown, N. J. Rubber overshoe. 120,384; May 7.
Mancik, William, New York, N. Y., and G. H. Quennard, Morristown, N. J., said Quennard assignor to said Mancik. Overshoe. 122,467; Sept. 10.
Mandler, William, New York, N. Y. Belt buckle. 124,419; Dec. 31.
Mankki, Onnie, Cleveland, assignor to Imperial Glass Corporation, Bellaire, Ohio. Plate or similar article. 119,864; Apr. 9.
Mankki, Onnie, Cleveland, assignor to Imperial Glass Corporation, Bellaire, Ohio. Bowl or similar article. 120,128; Apr. 23.
Mankki, Onnie, Cleveland, assignor to Imperial Glass Corporation, Bellaire, Ohio. Candlestick or similar article. 120,408; May 7.
Mankki, Onnie, Cleveland, assignor to The Enterprise Aluminum Company, Massillon, Ohio. Saucepan handle. 122,690; Sept. 24.
Mankki, Onnie, Cleveland, Ohio, assignor to Electric Service Supplies Company, Philadelphia, Pa. Pull switch. 124,298; Dec. 24.
Mann, Joseph B., Nutley, N. J., assignor to Verdura, Inc., New York, N. Y. Bracelet or similar article. 118,378; Jan. 2.
Mann, Morris, Brooklyn, N. Y. Ring mounting. 120,129; Apr. 23.
Mann, Rufus A., and W. H. Mills, Kingsport, Tenn. Double door stop. 122,800; Oct. 1.
Mann, William B., assignor to Snack Spa Products, Inc., Los Angeles, Calif. Refreshment stand. 121,494; July 16.
Manning Maxwell & Moore, Incorporated. (See Graesser, C. H., and Hopkins, assignors.)
Mansfield, Betty, Chicago, Ill. Dress. 122,997; Oct. 8.
Manzler, Clarence H., Rochester, N. Y. Memorandum pad desk unit. 121,912; Aug. 13.
Marathon Paper Mills Company. (See Stompe, Albert W., assignor.)
Marcell, Carroll K., New York, N. Y. Bottle or similar container. 121,994; Aug. 20.
Marchesa, Jane, Flushing, N. Y. Dress ensemble. 123,980; Dec. 10.
Marcus, Nathan, Union City, N. J. Valve. 121,793; Aug. 6.
Marder, Edward, Brooklyn, N. Y. Head for a hand mirror or similar article. 118,598; Jan. 16.
Marghab, Vera W., New York, N. Y. Mat or similar article. 121,517; July 16.
Marghab, Vera W., New York, N. Y. Mat or similar article. 121,518; July 16.
Marghab, Vera W., New York, N. Y. Tablecloth or similar article. 121,531; July 16.
Marghab, Vera W., New York, N. Y. Tea cozy or similar article. 121,532; July 16.
Marghab, Vera W., New York, N. Y. Mat or similar article. 121,533; July 16.
Marghab, Vera W., New York, N. Y. Tea cozy or similar article. 121,534; July 16.
Marghab, Vera W., New York, N. Y. Mat or similar article. 121,535; July 16.
Marghab, Vera W., New York, N. Y. Mat or similar article. 121,536; July 16.
Marghab, Vera W., New York, N. Y. Tea cozy or similar article. 121,549; July 16.
Marghab, Vera W., New York, N. Y. Tea cozy or similar article. 121,550; July 16.
Marghab, Vera W., New York, N. Y. Towel or similar article. 121,978; Aug. 13.
Marghab, Vera W., New York, N. Y. Tablecloth or similar article. 122,488; Sept. 10.
Marghab, Vera W., New York, N. Y. Mat or similar article. 122,489; Sept. 10.
Marghab, Vera W., New York, N. Y. Mat or similar article. 122,490; Sept. 10.
Marghab, Vera W., New York, N. Y. Pillowcase or similar article. 122,491; Sept. 10.
Marghab, Vera W., New York, N. Y. Tablecloth or similar article. 122,492; Sept. 10.
Marghab, Vera W., New York, N. Y. Mat or similar article. 122,493; Sept. 10.
Marghab, Vera W., New York, N. Y. Towel or similar article. 122,494; Sept. 10.
Marghab, Vera W., New York, N. Y. Mat or similar article. 122,495; Sept. 10.
Marghab, Vera W., New York, N. Y. Mat or similar article. 122,496; Sept. 10.
Marghab, Vera W., New York, N. Y. Towel or similar article. 123,152; Oct. 15.
Marinchak, Stephen, Brooklyn, N. Y. Feather holding hat ornament or similar article. 120,160; Apr. 23.
Marine Optical Mfg. Co. (See Diodati, Amedeo, assignor.)
Marinsky, Davis, assignor to Whitehall Patents Corporation, Bronx, N. Y. Slider for separable fastener stringers. 121,338; July 2.
Mark, Louis C., Cranston, R. I., assignor to Rice-Weiner & Company. Brooch or similar article. 121,913; Aug. 13.
Mark, Louis C., assignor to Rice-Weiner & Company, Providence, R. I. Necklace. 122,084; Aug. 20.
Mark, Louis C., assignor to Rice-Weiner & Company, Providence, R. I. Pin. 122,085; Aug. 20.
Mark, Louis C., assignor to Rice-Weiner & Company, Providence, R. I. Bracelet. 122,086; Aug. 20.
Mark, Louis C., assignor to Rice-Weiner & Company, Providence, R. I. Necklace. 122,087; Aug. 20.
Mark, Louis C., assignor to Rice-Weiner & Company, Providence, R. I. Necklace. 122,088; Aug. 20.
Mark, Louis C., assignor to Rice-Weiner & Company, Providence, R. I. Necklace. 122,089; Aug. 20.

Markel Electric Products, Inc. (See MacFadden, Glenn E., assignor.)
Markel Electric Products, Inc. (See MacFadden, Glenn E. and L., assignors.)
Markel Electric Products, Inc. (See Markel, M., and Ripley, assignors.)
Markel, Morris, and D. L. Ripley, assignors to Markel Electric Products, Inc., Buffalo, N. Y. Electric heater. 121,096; June 18.
Markle, Willard, New York, N. Y. Pin. 122,218; Aug. 27.
Markle, Willard, New York, N. Y. Pin. 124,039; Dec. 17.
Markle, Willard, New York, N. Y. Pin. 124,390; Dec. 31.
Marks, Gus M., and F. W. Carstens, Oakland, Calif. Dust brush for Venetian blinds. 122,411; Sept. 10.
Marks, Murray J., New York, N. Y. Hat. 118,433; Jan. 2.
Markus, Henry A., Chicago, Ill., assignor to California Wine Company. Combined bottle and stopper. 122,900; Oct. 8.
Marovich, Daniel, Oakland, assignor to Alameda County Chapter of the National Foundation for Infantile Paralysis, Inc., Alameda County, Calif. Display stand. 123,411; Nov. 5.
Marple, Alfred C., Philadelphia, Pa. Cigarette holder. 123,624; Nov. 19.
Marra, Anthony, Flower Hill, N. Y. Dispensing device or similar article. 120,868; June 4.
Marrow, Jerome, New York, N. Y. Flower clasp. 121,818; Aug. 6.
Marquette, Milton, Kansas City, Mo. Screen and storm sash bracket. 123,484; Nov. 12.
Marshall, Clinton E., Bronx, New York, N. Y. Pen and pencil clip. 122,971; Oct. 8.
Marshall Field & Company. (See Knoche, Lucille M., assignor.)
Martial, Jacques, Great Neck, N. Y., assignor to General Electric Company. Clock case. 120,012; Apr. 16.
Martin, Bell, and E. E. Hamacher, Wichita, Kans. Dishwashing cloth grip. 119,277; Mar. 5.
Martin, Glenn L., Company, The. (See Ebel, William K., assignor.)
Martin, H. H., Products Corporation. (See Martin, Herman H., assignor.)
Martin, Herman H., assignor to H. H. Martin Products Corporation, Toledo, Ohio. Funnel. 118,723; Jan. 30.
Martin, Herman H., assignor to H. H. Martin Products Corporation, Toledo, Ohio. Adapter for a container closure. 120,464; May 7.
Martin, Herman H., assignor to H. H. Martin Products Corporation, Toledo, Ohio. Container closure. 121,961; Aug. 13.
Martin, Michael A., Erie, Pa. Cooler for bottled beverages or similar article. 122,927; Oct. 8.
Martin, Wendell L., Shaker Heights, Ohio. Electric shaver. 119,186; Feb. 27.
Martin, William G., Jr., St. George, Staten Island, N. Y. Container. 122,184; Aug. 27.
Martindale, Mary C., New York, N. Y. Earring. 121,842; Aug. 6.
Martinez, John A., Carmel, N. Y. Waste container or similar article. 120,270; Apr. 30.
Marve, Murray, New York, N. Y. Dress or similar article. 123,506; Nov. 12.
Marve, Murray, New York, N. Y. Dress ensemble. 123,981; Dec. 10.
Marve, Murray, New York, N. Y. Dress ensemble. 123,982; Dec. 10.
Marve, Murray, New York, N. Y. Dress or similar article. 124,077; Dec. 17.
Marve, Murray, New York, N. Y. Dress or similar article. 124,444; Dec. 31.
Marvin, Melvin, Los Angeles, Calif. Game board. 122,901; Oct. 8.
Marx, Louis, & Company. (See Lohr, Raymond J., assignor.)
Marx, Louis, & Company. (See Schillace, A., and Daily, assignors.)
Maryland Baking Company. (See Balton, James, assignor.)
Mascitelli, Catherine G., New York, N. Y. Dress ensemble. 119,004; Feb. 13.
Mascitelli, Catherine, New York, N. Y. Dress. 119,981; Apr. 16.
Mascitelli, Marie V., New York, N. Y. Dress. 119,452; Mar. 12.
Mascitelli, Marie, New York, N. Y. Dress. 119,790; Apr. 2.
Mascitelli, Marie V., New York, N. Y. Dress. 120,045; Apr. 16.
Mascitelli, Marie V., New York, N. Y. Dress. 120,836; May 28.
Mash, Herman L., and H. P. Gould, Philadelphia, Pa. Combined bureau, bed, and bookcase. 118,982; Feb. 13.
Mason, Ruth W., Passaic, N. J. Vanity case. 120,347; May 7.
Mason, Ruth W., Alpine, N. J. Vanity case. 124,318; Dec. 31.
Mason, Ruth Warner, Alpine, N. J. Vanity case. 124,319; Dec. 31.
Massard, Secondin, New York, N. Y. Safety-razor blade. 122,444; Sept. 10.
Massow, Morris, New York, N. Y. Dress. 119,172; Feb. 27.
Massow, Morris, New York, N. Y. Dress. 119,922; Apr. 9.
Mast, Levi S., Wichita, Kans. Fork. 118,684; Jan. 23.
Masters, Marion F., Brownwood, Tex. Souvenir body belt. 121,456; July 9.
Mastrud, Conrad D., Chicago, Ill. Tooth brush or the like. 121,519; July 16.
Matot, Duffy A., Wilmette, Ill. Cabinet for a beverage cooler. 121,771; Aug. 6.
Mautner, Jesse, New York, N. Y. Jewelry box or similar article. 123,838; Dec. 3.
Maxant Button and Supply Company. (See Maxant, Robert E., assignor.)
Maxant, Robert E., Forest Park, assignor to Maxant Button and Supply Company, Chicago, Ill. Ironing machine. 118,641; Jan. 23.
Maxant, William T., Ayer, Mass. Pinking machine. 120,889; June 4.
May, Ada, New York, N. Y. Drip catcher. 122,778; Oct. 1.
May, Florence, Atlanta, Ga. Combined lamp and cigarette container. 122,710; Sept. 24.
May, Florence, Atlanta, Ga. Adjustable lamp. 122,711; Sept. 24.
May, Helen, New York, N. Y. Dress. 120,046; Apr. 16.
May, Helen, Garden City, N. Y. Dress ensemble or similar article. 123,743; Nov. 26.
May, Helen, Garden City, N. Y. Dress. 123,813; Dec. 3.
May, Helen, Garden City, N. Y. Dress. 124,257; Dec. 24.
May, Robert A., assignor to Duncan & Miller Glass Company, Washington, Pa. Tumbler or similar article. 119,278; Mar. 5.
May, Robert A., assignor to Duncan & Miller Glass Company, Washington, Pa. Bowl or similar article. 119,279; Mar. 5.
May, Robert A., assignor to Duncan & Miller Glass Company, Washington, Pa. Tumbler or similar article. 119,280; Mar. 5.
May, Robert A., assignor to Duncan & Miller Glass Company, Washington, Pa. Plate or similar article. 119,964; Apr. 16.
May, Robert A., assignor to Duncan & Miller Glass Company, Washington, Pa. Bowl or similar article. 120,227; Apr. 30.
May, Robert A., assignor to Duncan & Miller Glass Company, Washington, Pa. Bowl or similar article. 120,348; May 7.
May, Robert A., assignor to Duncan & Miller Glass Company, Washington, Pa. Plate or similar article. 120,349; May 7.
May, Robert A., assignor to Duncan & Miller Glass Company, Washington, Pa. Combined vase and candlestick. 120,647; May 21.
May, Robert A., assignor to Duncan & Miller Glass Company, Washington, Pa. Box or similar article. 121,995; Aug. 20.
Mayer China Company. (See Gougler, Marcelline, assignor.)
Mayer, Leo, Newton, assignor to Cole-Hersee Company, South Boston, Mass. Display stand. 121,421; July 9.
Maynard, Arthur H., assignor to Boston Wire Stitcher Company, Warwick, R. I. Stapling machine. 118,379; Jan. 2.
Maynard, Arthur H., assignor to Boston Wire Stitcher Company, Warwick, R. I. Stapling machine. 118,380; Jan. 2.
Mazer, Louis, New York, N. Y. Brooch or similar article. 123,910; Dec. 10.
Mazer, Louis, New York, N. Y. Brooch or similar article. 123,911; Dec. 10.
Mazola, Christine, New York, N. Y. Dress. 118,427; Jan. 2.
Mazola, Christine, New York, N. Y. Dress. 118,669; Jan. 23.
Mazola, Christine, New York, N. Y. Dress ensemble. 118,670; Jan. 23.
Mazola, Christine, New York, N. Y. Dress ensemble. 119,070; Feb. 20.
Mazola, Christine, New York, N. Y. Dress. 123,459; Nov. 5.
Mazola, Christine, New York, N. Y. Dress. 123,744; Nov. 26.
McAdams, Frederick H., et al. (See Neal, John B., assignor.)
McCandlish, Edward G., Van Wert, Ohio. Toy sandbox. 120,739; May 28.
McCann, Clyde D., Des Moines, Iowa. Desk lamp. 119,523; Mar. 19.
McCann, Clyde D., DesMoines, Iowa. Illuminable display device. 122,170; Aug. 27.
McCann, Clyde D., Des Moines, Iowa. Bracket lighting fixture. 122,902; Oct. 8.
McCann, Clyde D., Des Moines, Iowa. Filing cabinet lamp or similar article. 123,059; Oct. 15.
McCann, Clyde D., Des Moines, Iowa. Lighting fixture. 123,090; Oct. 15.
McCann, Clyde D., Des Moines, Iowa. Lighting fixture. 124,182; Dec. 24.
McCarthy, Charles S., assignor to The Logan Gear Company, Toledo, Ohio. Brake actuator or similar article. 121,122; June 18.

McCarthy, Eugene J., assignor to A. G. Walton & Co. Inc., Chelsea, Mass. Shoe sole or similar article. 121,123; June 18.
McCarthy, George L., Rye, assignor to Eastman Kodak Company, Rochester, N. Y. Cabinet or the like. 119,042; Feb. 20.
McCarthy, Henry J., Danvers, assignor to Hygrade Sylvania Corporation, Salem, Mass. Lighting fixture. 122,903; Oct. 8.
McCarthy, John A., Denver, Colo. Multiple outlet electrical transport unit. 122,497; Sept. 10.
McCarthy, Timothy B., assignor to Protectall Motor Signal, Inc., Syracuse, N. Y. Direction indicator. 119,865; Apr. 9.
McCarthy, Timothy B., assignor to Protectall Motor Signal, Inc., Syracuse, N. Y. Direction indicator. 119,866; Apr. 9.
McClain, Ross. (See Swartz, Wendell H., assignor.)
McClelland, Nancy, Inc. (See Chasset, Louis, assignor.)
McClintock, Margot K., New York, N. Y. Dress. 123,983; Dec. 10.
McClure, Edward, assignor to F. P. Smith Wire & Iron Works, Chicago, Ill. Weather vane or similar article. 121,772; Aug. 6.
McClure, Edward, assignor to F. P. Smith Wire & Iron Works, Chicago, Ill. Weather vane or similar article. 121,773; Aug. 6.
McClure, Orlando J., Chicago, Ill. Combined sound picture machine and case therefor. 121,422; July 9.
McCrory Stores Corporation. (See Steinhilber, Herman L., assignor.)
McCrillis, Rolland F., Norwalk, Ohio. Knife and shears desk set support. 121,690; July 30.
McCrillis, Rolland F., Norwalk, Ohio. Knife and shears desk set support. 121,691; July 30.
McCulloch, Montgomery F., assignor to The Turner, Day & Woolworth Handle Company, Louisville, Ky. Display carton. 121,594; July 23.
McDonald, Carol, assignor to Cohn Rosenberger, Inc., New York, N. Y. Pin clip. 119,830; Apr. 2.
McDonald, Donna, Los Angeles, Calif. Toy golf game device. 122,573; Sept. 17.
McDonald, Edward F., assignor to McDonald Products Corporation, Buffalo, N. Y. Combined ash tray and cigarette rest. 122,317; Sept. 3.
McDonald, Lafayette, Reno, Nev. Hair clipper. 123,271; Oct. 29.
McDonald, Harry R., Millville, N. J., assignor to Armstrong Cork Company, Lancaster, Pa. Bottle or similar article. 119,524; Mar. 19.
McDonald Products Corporation. (See McDonald, Edward F., assignor.)
McDonald Products Corporation. (See Nagel, Arthur H., assignor.)
McDonnell, John B., and R. B. Raynolds, Tuckahoe, N. Y. Washing device. 118,642; Jan. 23.
McDowell, Hugh, Los Angeles, Calif. Switching device. 122,445; Sept. 10.
McFadden, Ross. (See Kayn, Stephen F., assignor.)
McFadden, Ross M. (See Whyte, Daniel D., assignor.)
McFerran, John B., Jr., assignor to Louisville Electric Manufacturing Co., Louisville, Ky. Electric cigarette and cigar lighter. 123,213; Oct. 22.
McFerran, Joe W., Indianapolis, Ind. Game board. 124,320; Dec. 31.
McGee, Joseph W. (See Levin, D., and McGee.)
McGee, Mary C., Hempstead, N. Y. Mat or similar article. 121,643; July 23.
McGee, Mary C. Hempstead, N. Y. Mat or similar article. 122,650; Sept. 17.
McGraw Electric Company. (See Reinecke, J. O., and Barnes, assignors.)
McIntosh, Frank, assignor to Lentheric Incorporated, New York, N. Y. Combined bottle and closure cap. 118,381; Jan. 2.
McIntosh, Frank, assignor to Lentheric Incorporated, New York, N. Y. Combined box and base therefor. 118,501; Jan. 9.
McIntosh, Frank, assignor to Lentheric Incorporated, New York, N. Y. Lipstick case. 119,043; Feb. 20.
McIntosh, Frank, assignor to Lentheric Incorporated, New York, N. Y. Box. 119,669; Mar. 26.
McIntosh, Frank, assignor to Lentheric Incorporated, New York, N. Y. Lipstick case. 121,249; June 25.
McIntosh, Frank, assignor to Lentheric Incorporated, New York, N. Y. Box. 122,318; Sept. 3.
McIntosh, Frank, assignor to Lentheric Incorporated, New York, N. Y. Combined box and base therefor. 124,234; Dec. 24.
McIntosh, Frank, assignor to Lentheric Incorporated, New York, N. Y. Vanity case. 124,321; Dec. 31.
McIntire, James F., assignor to United States Radiator Corporation, Detroit, Mich. Radiator. 118,945; Feb. 13.
McIntire, James F., assignor to United States Radiator Corporation, Detroit, Mich. Radiator. 122,944; Oct. 8.
McKenna, William C., assignor to The Emerson Drug Company of Baltimore City, Baltimore, Md. Display card. 118,643; Jan. 23.
McKiernan, Ray E., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen or similar article. 123,485; Nov. 12.
McKnight, Henry G., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Jug. 121,192; June 25.
McLean, Melvin L., Fairbury, Nebr. Display rack. 120,109; Apr. 23.
McMullen, Carlton L., West Hartford, Conn. Annunciator chime. 120,423; May 7.
McMullen, Carlton L., West Hartford, Conn. Annunciator chime. 120,424; May 7.
McNabb, Joseph H., Winnetka, assignor to The Bell & Howell Company, Chicago, Ill. Photographic camera carrying case. 122,904; Oct. 8.
McPeak, Harold A., Wichita, Kans. Souvenir plaque. 119,636; Mar. 26.
Meadow, Noel, New York, N. Y., assignor of one-half to S. Herbert, Perth Amboy, N. J. Lapel pin or similar article. 120,626; May 21.
Medwed, Pinchos E., Bangor, Maine. Shoe sole. 118,564; Jan. 16.
Meeker, David A. (See Geiger, R. C., Meeker, and Arens.)
Megur, Max, New York, N. Y. Combined watch and bracelet or similar article. 123,814; Dec. 3.
Mehrer, Ted, assignor to Verlys of America, Inc., New York, N. Y. Vase or similar article. 118,382; Jan. 2.
Mehrer, Ted, assignor to Verlys of America, Inc., New York, N. Y. Vase or similar article. 118,383; Jan. 2.
Mehrer, Ted, assignor to Verlys of America, Inc., New York, N. Y. Vase or similar article. 118,384; Jan. 2.
Mehrer, Ted, assignor to A. I. Gladstone, New York, N. Y. Display stand for perfume or the like. 123,412; Nov. 5.
Meier, John H. Jr., Pittsburgh, Pa., assignor to J. T. & A. Hamilton Company. Glass bottle. 120,271; Apr. 30.
Meiners, Richard. (See Lindemann, W. C., and Meiners.)
Meister, Edward W., New York, N. Y. Chimney stocking. 120,161; Apr. 23.
Melvin, Frances F. (See Howell, B. C., and Melvin.)
Menard, Joseph A. (See Mossback, W., and J. A. Menard.)
Menefee, Robert B., et al. (See Weatherwax, Leon J., assignor.)
Menefee, Stella, et al. (See Weatherwax, Leon J., assignor.)
Mengel, Otto H., assignor to Acme Ring Co., Newark, N. J. Finger ring. 120,996; June 11.
Menn, Paul L., Los Angeles, Calif. Vanity case. 121,595; July 23.
Mentz, Emanuel, New York, N. Y. Textile fabric or similar article. 120,272; Apr. 30.
Mercantonio, Corrado, New York, N. Y. Combination desk unit or similar article. 119,890; Apr. 9.
Mercer, George A., Jr., Savannah, Ga. Combined vehicle spring and support therefor. 118,599; Jan. 16.
Mercer, George A., Jr., Savannah, Ga. Combined vehicle spring and support therefor. 118,600; Jan. 16.
Mercer, Nicholas A., New York, N. Y. Combination pocket case. 118,440; Jan. 2.
Merck, John, assignor to Joy Manufacturing Company, Franklin, Pa. Loading machine. 123,600; Nov. 19.
Mercury Electric Company, The. (See Buckley, Raymond F., assignor.)
Merrill, Ernest C., Brodhead, Wis. Combination cigarette snuffer, match and cigarette package holder or similar article. 123,102; Oct. 15.
Merriman, William E., and H. C. Wellman, assignors to Eastman Kodak Company, Rochester, N. Y. A motion picture projector. 124,258; Dec. 24.
Merritt, Emma, Bay City, Mich. Wheat cake grill. 119,808; Apr. 2.
Merritt, Francis L. (See Crowell, A. W., Merritt, and Pond.)
Messersmith, Harry S., Upper Montclair, N. J., assignor to Seneca Textile Corporation, New York, N. Y. Box. 124,040; Dec. 17.
Messina, Josephine, New York, N. Y. Dress. 123,524; Nov. 12.
Messina, Josephine, New York, N. Y. Dress. 124,274; Dec. 24.
Metal Specialties Manufacturing Co. (See Ruskin, Henry, assignor.)
Metlox Manufacturing Company. (See Prouty, Willis O., assignor.)
Metlox Manufacturing Company. (See Romanelli, Carl, assignor.)
Meuer, George J., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Pendant electric switch. 121,962; Aug. 13.
Meurer, Louis G., New York, N. Y. Textile fabric. 118,434; Jan. 2.
Meurer, Louis G., New York, N. Y. Textile fabric. 119,005; Feb. 13.
Meyer, John F., Chicago, Ill. Vibrator. 119,554; Mar. 19.
Meyer, John F., assignor to The Exhibit Supply Company, Chicago, Ill. Cabinet for an amusement apparatus. 120,997; June 11.
Meyer, Joseph J., Joliet, Ill. Cigarette package container. 123,625; Nov. 19.
Meyer, Louis, assignor to J. Bennett Inc., Brooklyn, N. Y. Smoking stand. 120,273; Apr. 30.
Meyer, Louis, Brooklyn, N. Y. Ash receiver or the like. 124,322; Dec. 31.
Meyer, Maxmilian C., Brooklyn, N. Y. Necklace. 122,031; Aug. 20.
Meyer, Walter H., Toledo, Ohio, assignor to National Nu Grape Company, Atlanta, Ga. Bottle. 118,862; Feb. 6.

Meyers, Marjorie, New York, N. Y. Badge. 124,323; Dec. 31.
Michaels, Frank L., Fort Thomas, Ky. Parking meter casing. 121,302; July 2.
Michaels, Marx, Los Angeles, Calif. Doll. 120,998; June 11.
Michel, Julius, New York, N. Y. Handbag. 119,577; Mar. 19.
Michel, Julius, New York, N. Y. Handbag. 119,934; Apr. 16.
Michel, Peter. (See Wykel, C., and Michel.)
Michigan Artcraft Company. (See Langius, Manuel, assignor.)
Middleman, David, assignor to The Black and Decker Manufacturing Company, Towson, Md. Wheel load scale. 118,827; Feb. 6.
Miele, Aniello, New York, N. Y. Coat. 119,113; Feb. 20.
Miele, Aniello, New York, N. Y. Coat. 119,578; Mar. 19.
Mielziner, Jo, New York, assignor to Century Lighting, Inc. Light projecting fixture or similar article. 118,671; Jan. 23.
Migliaccio, Christopher L., assignor to Hingeco Vanities, Inc., Providence, R. I. Combination vanity case and appointment indicator. 123,249; Oct. 22.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Camera view finder. 123,413; Nov. 5.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Range finder. 124,235; Dec. 24.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Camera view finder. 124,236; Dec. 24.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Camera view finder. 124,324; Dec. 31.
Miles, Clarence F., Worcester, Mass. Bottle. 122,338; Sept. 3.
Miles, John R., Ann Arbor, Mich. Retinoscope. 119,555; Mar. 19.
Miles, John R., assignor to International Industries, Inc., Ann Arbor, Mich. Telescope. 123,486; Nov. 12.
Miller, Anna, New York, N. Y. Dress. 123,745; Nov. 26.
Miller, Anna, New York, N. Y. Dress. 123,746; Nov. 26.
Miller, Anna, New York, N. Y. Dress. 124,102; Dec. 17.
Miller, Anna, New York, N. Y. Dress. 124,155; Dec. 17.
Miller, Carl H., Los Angeles, Calif. Airplane. 119,071; Feb. 20.
Miller Company, The. (See Beals, Gillson W., assignor.)
Miller, Graeff, Jr., New York, N. Y. Bottle or similar container. 121,927; Aug. 13.
Miller, Harry W., Akron, Ohio. Pot or other hot metal holder. 123,244; Oct. 22.
Miller, Mildred, New York, N. Y. Display box or similar article. 121,395; July 9.
Miller, Murry, New York, N. Y. Slipper. 122,468; Sept. 10.
Miller, Nels A., assignor to J. P. Seeburg Corporation, Chicago, Ill. Cabinet for phonograph remote control unit. 122,498; Sept. 10.
Miller, Nels A., assignor to J. P. Seeburg Corporation, Chicago, Ill. Combined phonograph remote control and reproducing device. 122,499; Sept. 10.
Miller, Peter J., assignor to Evans Products Company, Detroit, Mich. Bus heater, or similar article. 122,724; Sept. 24.
Miller, Rube L., Seattle, Wash. Smoker's pipe. 120,674; May 21.
Miller, Samuel, New York, N. Y. Lighting fixture. 118,742; Jan. 30.
Miller, Walter C., assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 119,935; Apr. 16.
Miller, Walter C., assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 119,936; Apr. 16.
Millie Patent Holding Co. (See Irmscher, Hans O., assignor.)
Mills, Claud W., Kokomo, Ind. Wheel balancing weight. 119,321; Mar. 5.
Mills Novelty Company. (See Eckland, Everett B., assignor.)
Mills, William H. (See Mann, R. A., and Mills.)
Millspaugh, Martin L., assignor to Samuel Kirk & Son, Incorporated, Baltimore, Md. Spoon or similar article. 122,469; Sept. 10.
Minard, Marguerite F., Seattle, Wash. Chair. 119,394; Mar. 12.
Mindell, Milton S., New York, N. Y. Stretchable braid. 120,890; June 4.
Mine Safety Appliances Company. (See Perrin, Paul C., assignor.)
Mine Safety Appliances Company. (See Yant, William P., assignor.)
Minkel, William N., assignor to Phoenix Hosiery Company, Milwaukee, Wis. Stocking. 119,131; Feb. 20.
Minkoff, Edward, New York, N. Y. Coat. 118,753; Jan. 30.
Minkoff, Edward, New York, N. Y. Coat. 119,027; Feb. 13.
Minkoff, Edward, New York, N. Y. Coat. 119,226; Feb. 27.
Minkoff, Edward, New York, N. Y. Coat. 120,185; Apr. 23.
Minkoff, Edward, New York, N. Y. Coat. 122,202; Aug. 27.
Milwaukee Brass Specialty Company. (See Kirchhan, Robert O., assignor.)
Milwaukee Lace Paper Company. (See Hamilton, Kenneth C., assignor.)
Minnesota Mining & Manufacturing Company. (See Reinecke, Jean O., assignor.)
Minsky, Harry, Chicago, Ill. Dress ensemble. 122,982; Oct. 8.
Minsky, Harry, Chicago, Ill. Dress. 122,998; Oct. 8.
Minsky, Harry, Chicago, Ill. Dress. 122,999; Oct. 8.
Minsky, Harry, Chicago, Ill. Dress. 123,000; Oct. 8.
Minsky, Harry, Chicago, Ill. Dress ensemble. 123,033; Oct. 8.
Minsky, Harry, Chicago, Ill. Dress. 123,044; Oct. 8.
Minsky, Harry, Chicago, Ill. Dress. 123,460; Nov. 5.
Miraglia, Edward L., Dallas, Tex. Table. 122,171; Aug. 27.
Miro, Frank P., Brooklyn, N. Y. Pendant. 124,391; Dec. 31.
Missinne, Andrew. (See Lucksted, Leon D., assignor.)
Misuraca, Louis J., Glendale, Calif., assignor to Charles Bruning Company, Inc., New York, N. Y. Motorized hand tool unit. 118,724; Jan. 30.
Mitchell, Bernard A., Chicago, Ill. Bed lamp. 121,016; June 11.
Mitchell, Bernard A., Chicago, Ill. Combination bed lamp and radio. 121,423; July 9.
Mitchell, Harry O., and L. Oppenheimer, Denver, Colo. Combined rocking blotter and stamp moistener. 123,815; Dec. 3.
Mitchell, Nathan, New York, N. Y. Sandal. 120,130; Apr. 23.
Mitchell, William, New York, N. Y. Fur bolero. 120,047; Apr. 16.
Mitchell, William, New York, N. Y. Fur jacket. 120,095; Apr. 16.
Mitchell, William, New York, N. Y. Fur cape. 120,096; Apr. 16.
Mitchell, William, New York, N. Y. Fur stole. 120,097; Apr. 16.
Mitchell, William, New York, N. Y. Fur stole. 120,098; Apr. 16.
Mitchell, William, New York, N. Y. Fur bolero. 120,099; Apr. 16.
Mix, Edwin S., and H. C. Vaisey, assignors to Hickok Manufacturing Company, Inc., Rochester, N. Y. Initial key chain or the like. 121,212; June 25.
Mizer, Joseph J., Racine, Wis. Jack or the like. 122,574; Sept. 17.
Modern Curtain Co. (See Gutlon, Sidney S., assignor.)
Modern Curtain Co. Inc. (See Gutlon, Sidney S., assignor.)
Modern Plastics Company. (See Westergaard, Odin A., assignor.)
Moeller, William A., assignor to Los Angeles Spring Bed Company, Los Angeles, Calif. Lounge chair. 120,131; Apr. 23.
Moeller, William A., assignor to Los Angeles Spring Bed Company, Los Angeles, Calif. Combination chair and cot. 123,816; Dec. 3.
Mohawk Brush Company. (See Weber, Frank K., assignor.)
Moldowan, Dionis E., Detroit, Mich. Christmas tree holder. 123,889; Dec. 10.
Moloney, Raymond T. (See Nelson. Nels A., assignor.)
Monahan, Thomas G., Cuyahoga Falls, Ohio. Spark plug gauge. 120,351; May 7.
Monarch Marking System Company. (See Turner, Thomas G., assignor.)
Monroe, Benjamin C., Tuscola, Ill. Base for railway crossings. 123,507; Nov. 12.
Monroe Calculating Machine Company. (See Crosman, Loring P., assignor.)
Monroe, Kenneth C., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Casing for horizontal broaching machine. 122,752; Sept. 24.
Montanye, Carlyle N., Baltimore, Md. Calendar stand. 122,712; Sept. 24.
Monteil, Germaine, New York, N. Y. Evening gown ensemble. 123,783; Dec. 3.
Monteil, Germaine, New York, N. Y. Evening gown ensemble. 123,942; Dec. 10.
Monteil, Germaine, New York, N. Y. Dress. 123,943; Dec. 10.
Monteil, Germaine, New York, N. Y. Dinner dress. 124,103; Dec. 17.
Monteil, Germaine, New York, N. Y. Evening gown. 124,104; Dec. 17.
Monteil, Germaine, New York, N. Y. Coat. 124,183; Dec. 24.
Monteil, Germaine, New York, N. Y. A dress. 124,259; Dec. 24.
Monteil, Germaine, New York, N. Y. Dress. 124,275; Dec. 24.
Monteil, Germaine, New York, N. Y. Dress. 124,463; Dec. 31.
Monteil, Germaine, New York, N. Y. Dress. 124,474; Dec. 31.
Monteil, Germaine, New York, N. Y. Dress ensemble. 124,475; Dec. 31.
Monteil, Germaine, New York, N. Y. Dress. 124,496; Dec. 31.
Monteil, Germaine, New York, N. Y. Dress. 124,497; Dec. 31.

Monteil, Germaine, New York, N. Y. Dress. 124,498; Dec. 31.
Montgomery, Georgia C. (See Chase, A., and Montgomery.)
Montgomery Ward and Company. (See Teague, Walter D., assignor.)
Moonan, Lawrence G., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Pneumatic tire. 120,687; May 21.
Mooney, Hugh N., Chicago, Ill. Inflatable toy boat. 120,675; May 21.
Moore, Andy H., Flint, Mich. Game board. 123,508; Nov. 12.
Moore, Fayette, Cedar Rapids, Iowa. Bird feeder. 120,350; May 7.
Moore, Francis K., assignor to Albert Specialty Company, Chicago, Ill. Photographic printer. 123,245; Oct. 22.
Moore, Harlan, Mortons Gap, Ky. Hand bag. 122,146; Aug. 27.
Mora, Francis L., New York, N. Y. Doll or similar article. 119,596; Mar. 26.
Mora, Francis L., New York, N. Y. Doll or similar article. 123,678; Nov. 26.
Moran, James J., assignor to Kimble Glass Company, Vineland, N. J. Pipette. 121,520; July 16.
Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co., Inc. Pin stem finding. 122,446; Sept. 10.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Bathtub. 118,644; Jan. 23.
Morgan, John R., Oak Park, Ill., assignor to Sunbeam Electric Manufacturing Co., Evansville, Ind. Refrigerator cabinet or similar article. 118,645; Jan. 23.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Combined front fork and fender for velocipedes. 118,828; Feb. 6.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Steering post shroud for a bicycle. 120,132; Apr. 23.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Combined fender and skirt guard. 120,133; Apr. 23.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Battery tank or similar article. 120,395; May 7.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Water closet. 122,447; Sept. 10.
Morgan, John R., Oak Park, Ill., assignor to Sunbeam Electric Manufacturing Co., Evansville, Ind. Refrigerator cabinet. 122,779; Oct. 1.
Morgan, John R., Mount Prospect, assignor to Sears, Roebuck and Co., Chicago, Ill. Radio receiver cabinet. 123,839; Dec. 3.
Morgan, Mitchel, Brooklyn, N. Y. Combination winding and drying rack. 118,646; Jan. 23.
Morgan, Thomas J., assignor to Universal Stamping & Mfg. Co., Chicago, Ill. Motion picture projector. 120,243; Apr. 30.
Morimura Bros., Inc. (See Leigh, Cyril W., assignor.)
Morin, Louis H., assignor to Whitehall Patents Corporation, Bronx, N. Y. Slider body for slide fasteners. 123,187; Oct. 22.
Morin, Louis H., assignor to Whitehall Patents Corporation, Bronx, N. Y. Pull tab for slide fasteners. 123,188; Oct. 22.
Moring, Frank, Milwaukee, Wis. Game board. 123,817; Dec. 3.
Morris, Abraham H., New York, N. Y. Evening gown or similar article. 123,947; Dec. 10.
Morris, Abraham H., New York, N. Y. Evening gown or similar article. 123,960; Dec. 10.
Morris, Harry, Chicago, Ill. Purse. 123,840; Dec. 3.
Morris, Nathan K., Asbury Park, N. J. Cake and fruit knife. 124,300; Dec. 24.
Morrison, Willard L., Lake Forest, Ill. Automobile body. 120,013; Apr. 16.
Morrison, William P., assignor to Bryce Brothers Company, Mount Pleasant, Pa. Tumbler. 120,134; Apr 23.
Morrison, William P., assignor to Bryce Brothers Company, Mount Pleasant, Pa. Tumbler. 120,135; Apr 23.
Morrison, William P., assignor to Bryce Brothers Company, Mount Pleasant, Pa. Stemmed goblet or similar article. 120,136; Apr. 23.
Morrow, Frank, Johnston, R. I. Finding for pins or similar articles of jewelry. 122,753; Sept. 24.
Morrow, Frank, Johnston, R. I. Finding for pins or similar articles of jewelry. 122,754; Sept. 24.
Morrow, Timothy T. (See Holstein, M. S., and Morrow.)
Morse, Benjamin W., Ossining, N. Y., and C. D. Curry, Newark, N. Y. Combined ash tray and cigarette rest. 122,905; Oct. 8.
Morse, Herman E., Akron, Ohio, and C. L. White, Windsor, Vt., assignors to Wingfoot Corporation, Wilmington, Del. Shoe heel. 119,819; Apr. 2.
Morse, Robert A., Penfield, Pa. Unitary sole and heel for footwear. 122,906; Oct. 8.
Morse, Robert V., Ithaca, New York. Automobile grille guard. 121,979; Aug. 13.
Mosell, Frederic, New York, N. Y. Brooch or similar article. 123,912; Dec. 10.
Moses, Charles, New York, N. Y. Knitted fabric. 122,780; Oct. 1.
Mosheim, Albert, New York, N. Y. Combined perfume holder and base therefor. 121,692; July 30.
Mosher, George J., Brockton, assignor to The Conrad Shoe Company, North Abington, Mass. Shoe. 120,588; May 14.
Moss, Everett D., assignor to Stop-Drip Co., Inc., Los Angeles, Calif. Combined pouring and closing cap for receptacles. 119,501; Mar. 19.
Mossback, William, and J. A. Menard, assignors to Timesaver Products Company, Seattle, Wash. Tire groover. 124,325; Dec. 31.
Mossback, William, and J. A. Menard, assignors to Timesaver Products Company, Seattle, Wash. Tire groover. 124,326; Dec. 31.
Mossberg, Harold F., assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn. Combined gun barrel and tubular cartridge magazine. 118,863; Feb. 6.
Mossberg, O. F., & Sons, Inc. (See Mossberg, Harold F., assignor.)
Most, August, and J. Fogel, Brooklyn, N. Y. Case for cigarettes, jewelry, powder and the like. 119,659; Mar. 26.
Most, Lucifer J., Arlington, N. J. Mechanical pencil. 120,137; Apr. 23.
Mowrey, Cressy A., Elmira, N. Y. Field glass or similar article. 123,679; Nov. 26.
Moyer, John D., Milwaukee, Wis. Stocking. 118,754; Jan. 30.
Mross, Edward. (See Nielsen, E., Mross, and Cunningham.)
Mueller, Erwin F., San Francisco, Calif. Window ventilator. 118,864; Feb. 6.
Mueller, John, Licorice Company, The. (See Schoettle, Edward L., assignor.)
Muhlhauser, Frederick P., assignor to H. C. Cohn & Co., Rochester, N. Y. Display tray. 122,781; Oct. 1.
Muller, Gustave, San Francisco, Calif. Bowl or analogous article. 122,782; Oct. 1.
Muller, Johan A. (See Ernst, W., and Muller.)
Muller, Johan A., assignor to Hydraulic Development Corporation, Inc., Mount Gilead, Ohio. Press. 124,327; Dec. 31.
Muller, John J. H., Jr., Woodmont, Conn. Signaling device. 122,298; Sept. 3.
Muller-Munk, Peter, Pittsburgh, Pa., assignor to Pennwood Company. Clock. 120,740; May 28.
Mulligan, N. J. (See Vogel, Ralph A. and F. H., and Mulligan.)
Mundheim, Marshall, New York, N. Y. Cake of soap. 123,130; Oct. 15.
Mungen, Theodore, assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Display board. 122,801; Oct. 1.
Munn, Luella M., et al. (See Van Valin, William B., assignor.)
Munz, John, Jamaica, N. Y. Plant bowl. 119,982; Apr. 16.
Munzer, Alfred, New York, N. Y., assignor to Barcelo, Marques & Co., S. en C., Arecibo, P. R. Bottle. 122,713; Sept. 24.
Munzer, Ida, Chicago, Ill. Combined lighter and ash tray. 120,676; May 21.
Murdock, James A., Chicago, Ill. Paring and coring tool. 119,867; Apr. 9.
Murdock, James A., Chicago, Ill. Removable bottle closure. 120,999; June 11.
Murdock, James A., Chicago, Ill. Vegetable cutter. 122,629; Sept. 17.
Murnane, John A., assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Pump body. 120,385; May 7.
Murphy, Francis, New York, N. Y., assignor to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. Floor covering or the like. 121,481; July 16.
Murphy, Grace, Chicago, Ill. Game board. 119,762; Apr. 2.
Murray Corporation of America, The. (See Haberstump, Alfred H., assignor.)
Murray Corporation of America, The. (See Keller, Leonard, assignor.)
Murray, Edward J., Willoughby, Ohio. Bottle. 123,103; Oct. 15.
Murray-Ohio Manufacturing Company, The. (See Kraeft, Herman L., assignor.)
Murray-Ohio Manufacturing Company, The. (See Schreckengost, Viktor, assignor.)
Musselman, Alvin J., Cleveland Heights, Ohio. Wrench. 120,489; May 14.
Musson, Stephen B., West Englewood, N. J., assignor to Deering-Milliken & Co., Inc., New York, N. Y. Textile fabric. 118,906; Feb. 6.
Musson, Stephen B., West Englewood, N. J., assignor to Deering Milliken & Co., Inc., New York, N. Y. Textile fabric. 119,132; Feb. 20.
Musson, Stephen B., West Englewood, N. J. Textile fabric. 119,227; Feb. 27.
Musson, Stephen B., West Englewood, N. J., assignor to Deering Milliken & Co., Inc., New York, N. Y. Textile fabric. 119,868; Apr. 9.
Musson, Stephen B., West Engelwood, N. J. Textile fabric. 121,750; July 30.
Myers, Charles S. (See Teague, W. D., and Myers.)
Myers, Edgar T., Livingston, Tenn. Paper box opener or the like. 118,709; Jan. 30.

Myers, Eugene V., East Orange, N. J. Ashtray. 120,409; May 7.
Myers, Louis, Galesburg, assignor to D. Gensburg, Chicago, Ill. Drink mixing cup. 118,725; Jan. 30.
Myers, Orville L., Los Angeles, Calif. Game device. 123,601; Nov. 19.
Myron, Joseph H., New York, N. Y. Coat. 122,350; Sept. 3.
Mysterious Chemical Co. Inc. (See Forrest, B. N., and Bell, assignors.)
Naciopoulos, Arthur N., San Francisco, Calif. Garden tool head. 119,044; Feb. 20.
Nadeau, Roy L. (See Hawkins, I. J., and Nadeau.)
Nadel, Ottilie C., New York, N. Y. Dress. 124,420; Dec. 31.
Naftal, Adrian, New York, N. Y. Redingote. 120,948; June 4.
Naftal, Adrian, New York, N. Y. Dress. 123,461; Nov. 5.
Naftal, Adrian, New York, N. Y. Dress. 123,525; Nov. 12.
Nagel, Arthur H., assignor to McDonald Products Corporation. Combined ashtray, pipe knocker, and pipe rack. 119,791; Apr. 2.
Nagel-Chase Mfg. Co. (See Schultz, Edward, assignor.)
Nager, Albert, New York, N. Y. Dress. 119,228; Feb. 27.
Nager, Albert, New York, N. Y. Dress. 121,148; June 18.
Nagle, March E., Chicago Heights, Ill., assignor to Kimble Glass Company, Vineland, N. J. Bird seed cup. 121,303; July 2.
Nagle, March E., Chicago Heights, Ill., assignor to Kimble Glass Company, Vineland, N. J. Bird seed cup. 121,304; July 2.
Nagle, March E., Chicago Heights, Ill., assignor to Kimble Glass Company. Vineland, N. J. Bottle. 124,328; Dec. 31.
Nagle, Reginald A., assignor to Flower City Specialty Company, Rochester, N. Y. Display box. 119,173; Feb. 27.
Naiman, Harry. (See Trombley, August C., assignor.)
Narrow Fabric Company, The. (See Huber, Otto E., assignor.)
Nash, Benjamin S., Short Hills, N. J., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Closure or similar article. 124,041; Dec. 17.
Nashe, Leif, Concord, and O. Overgaard, West Concord, Mass. Clamp for a ski binding. 119,174; Feb. 27
Nassour Bros., Inc., Ltd. (See Hauptman, Wesley R., assignor.)
Nassour, William, Los Angeles, Calif. Combined bottle and closure therefor. 120,917; June 4.
Nathan Manufacturing Company. (See Folke, Bengt E., assignor.)
Nathan, R. C., & Co. (See Schwartz, Harry, assignor.)
Nathan, Robert C., Chicago, Ill., assignor to Rona, Inc. Perfume container. 120,171; Apr. 23.
National Carbon Company. (See Ford, Curry E., assignor.)
National Co-Operatives, Inc. (See Lee, Robert S., assignor.)
National Nu Grape Company. (See Meyer, Walter H., assignor.)
National Plastics, Inc. (See Kirby, John F., assignor.)
National Pressure Cooker Company. (See Wittenberg, Edward H., assignor.)
National Silver Company. (See Berk, Harry S., assignor.)
National Silver Company. (See Schulgasser, Milton, assignor.)
National Stamping & Electric Works. (See Christenson, T., Jr., and Hoople, assignors.)
Nattenheimer, Martin L., Chicago, Ill. Handbag or similar article. 119,906; Apr. 9.
Naubert, Anna, Chicago, Ill. Dress ensemble. 124,184; Dec. 24.
Naylor, Lester O., New York, N. Y. Signal chime. 121,285; July 2.
Naylor, William E., assignor to Fink-Roselieve Co. Inc., New York, N. Y. Spotlight or similar article. 120,741; May 28.
Neal, Edward S., Sebring, Ohio. Wall lamp. 120,110; Apr. 23.
Neal, John B., Allston, assignor of thirty-seven and one-half per cent to F. H. McAdams, Revere, and twenty-five per cent to E. E. Kent, Newton, Mass. Milk bottle. 120,425; May 7.
Neal, Marshall S., South Pasadena, Calif. Bottle opener. 124,223; Dec. 24.
Nebel, Ernest A., Clifton, N. J. Lace stocking. 123,001; Oct. 8.
Neff, Ruth C. (See Heeschen, Carl F., assignor.)
Negbaur, Harry, New York, N. Y. Table lighter. 119,395; Mar. 12.
Neher, Leroy P., St. Louis, Mo. Bottle collar or the like. 120,941; June 4.
Nehls, Charles H., Detroit, Mich. Locking cover. 121,076; June 18.
Nelson, Averd. (See Sabins, R. C., and Nelson.)
Nelson, Arvid B., Pontiac, Mich. Clothes stick. 119,763; Apr. 2.
Nelson, John E., Seattle, Wash. Fishing plug. 121,928; Aug. 13.
Nelson, Melvin, W. R. Hultberg, and H. Dahl, assignors to Corry-Jamestown Manufacturing Corporation, Corry, Pa. Desk. 121,693; July 30.
Nelson, Nels A., assignor to R. T. Moloney, Chicago, Ill. Vibrator. 118,829; Feb. 6.
Nelson, Serene G., Frankfort, Mich. Floor lamp. 118,983; Feb. 13.
Neon Products, Inc. (See Smith, Kenneth F., assignor.)
Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Pair of spectacles. 121,396; July 9.
Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Saddle for an ophthalmic mounting. 121,397; July 9.
Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Spectacle front. 122,129; Aug. 27.
Nessen, Walter F. (See Coldwell, J. S., and Nessen.)
Nessen, Walter F., assignor to Sears, Roebuck and Co., Chicago, Ill. Saw. 118,415; Jan. 2.
Nestler, Paul R., Green Lane, Pa. Stocking. 120,228; Apr. 30.
Neuhardt, Charlotte M., New York, N. Y. Dress ensemble. 119,688; Mar. 26.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,035; Apr. 16.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,172; Apr. 23.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,286; Apr. 30.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,315; Apr. 30.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,327; Apr. 30.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,437; May 7.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,438; May 7.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,440; May 7.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,441; May 7.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,442; May 7.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,447; May 7.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,465; May 7.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,466; May 7.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,467; May 7.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,468; May 7.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,469; May 7.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,470; May 7.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,603; May 14.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,688; May 21.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,689; May 21.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,690; May 21.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,720; May 21.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,850; May 28.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,851; May 28.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,869; June 4.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,891; June 4.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,892; June 4.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,893; June 4.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,894; June 4.
Neuhardt, Charlotte M., New York, N. Y. Dress. 120,949; June 4.
Neuhardt, Charlotte M., New York, N. Y. Dress. 121,055; June 11.
Neuhardt, Charlotte M., New York, N. Y. Dress. 121,149; June 18.
Neuhardt, Charlotte M., New York, N. Y. Dress. 122,851; Oct. 1.
Neuhardt, Charlotte M., New York, N. Y. Dress. 122,852; Oct. 1.
Neuhardt, Charlotte M., New York, N. Y. Dress. 123,002; Oct. 8.
Neuhardt, Charlotte M., New York, N. Y. Dress. 123,367; Oct. 29.
Neuhardt, Charlotte M., New York. Dress. 123,526; Nov. 12.
Neuhardt, Charlotte M., New York, N. Y. Dress. 123,626; Nov. 19.
Neuhardt, Charlotte M., New York, N. Y. Dress. 123,999; Dec. 10.
Neuhardt, Charlotte M., New York, N. Y. Dress. 124,000; Dec. 10.
Neuhardt, Charlotte M., New York, N. Y. Dress. 124,499; Dec. 31.
Neuschaefer, Franz, Rye, N. Y. Bottle. 123,235; Oct. 22.

Newark Milk & Cream Co. (See Scheerer, Paul R., assignor.)
New England Bedding Company. (See Feldman, Jacob C., assignor.)
New England Lace Mills Inc. (See Edson, Bert, assignor.)
New Jersey Rubber Company. (See Cowen, Rawson R., assignor.)
Newland, William C., New York, N. Y. Glass dish. 123,913; Dec. 10.
Newman, Alexander I., assignor to Precision Scientific Company, Chicago, Ill. Distillation testing apparatus. 121,017; June 11.
Newman, Alexander I., assignor to Precision Scientific Company, Chicago, Ill. Titration apparatus illuminator. 122,876; Oct. 1.
Newman, Forrest L., Denver, Colo. Hot oil finger bath. 118,830; Feb. 6.
Newman, Harry, assignor to Button Corporation of America, Newark, N. J. Button or similar article. 118,628; Jan. 23.
Newman, Jack E., New York, N. Y. Hat. 119,923; Apr. 9.
Newman, Jack E., New York, N. Y. Hat. 120,816; May 28.
New Martinsville Glass Manufacturing Company. (See Ackerman, A. Jay, assignor.)
New Monarch Machine & Stamping Co. (See Shelton, Lee A., assignor.)
New Monarch Machine & Stamping Co. (See Shelton, L. A., and Smith, assignors.)
New Monarch Machine & Stamping Co. (See Smith, Russel W., assignor.)
Newton, Herbert B., & Co. (See Sumerfield, Horace S., assignor.)
New York Lunchmaster Corp. (See Loewy, Raymond G. F., assignor.)
Nicholas, Stephen D., Arcadia, Calif. Combined radio, clock, and book rack. 121,596; July 23.
Nichols, Fred E., Corpus Christi, Tex. Fish bait. 121,694; July 30.
Nicholson, Albert H., assignor to The Federal Glass Company, Columbus, Ohio. Glass relish dish or article of similar nature. 118,385; Jan. 2.
Nicholson, Albert H., assignor to The Federal Glass Company, Columbus, Ohio. Combination glass dessert bowl and dish or article of similar nature. 120,244; Apr. 30.
Nicholson, Albert H., assignor to The Federal Glass Company, Columbus, Ohio. Glass tumbler or article of similar nature. 122,691; Sept. 24.
Nicholson, Albert H., assignor to The Federal Glass Company, Columbus, Ohio. Glass hurricane lamp or article of similar nature. 122,877; Oct. 1.
Nicholson, Albert H., assignor to The Federal Glass Company, Columbus, Ohio. Glass grape dish or article of similar nature. 123,060; Oct. 15.
Nicholson, H. R., Company, The. (See Steelman, James S., assignor.)
Nicholson, Ralph C., Manhassett Village, Mo. Window curtain. 123,003; Oct. 8.
Nicolini, Candido, Solvay, N. Y. Insect trap or the like. 118,743; Jan. 30.
Nicoud, Cornelius S., Chicago, Ill. Smoker's pipe. 121,521; July 16.
Nicoud, Cornelius S., Chicago, Ill. Tobacco pipe. 122,319; Sept. 3.
Nielsen, Clayton P., Chicago, Ill. Carbon holder for electric arc welding devices. 118,502; Jan. 9.
Nielsen, Clayton P., Chicago, Ill. Carbon holder for electric arc welding device. 118,710; Jan. 30.
Nielsen, Emanuel, and E. R. Mross, Racine, Wis., and V. W. Cunningham, Chicago, Ill.; said Nielson and said Mross assignors to said Cunningham. Portable glass washer. 119,849; Apr. 9.
Niver, Raymond W., assignor to Thatcher Manufacturing Company, Elmira, N. Y. Milk bottle. 122,058; Aug. 20.
Nixon, James M., Asheville, N. C. Combined paste dispenser and brush holder. 119,764; Apr. 2.
Nixon, James M., Asheville, N. C. Paste dispenser. 119,765; Apr. 2.
Nixon, James M., Asheville, N. C. Combination paste dispenser and tooth brush holder. 120,648; May 21.
Nixon, James M., Asheville, N. C. Brush cabinet. 120,870; June 4.
Noble, F. H., & Co. (See Allen, Jack G., assignor.)
Noble, Olbert C., assignor to Tygart Valley Glass Company, Washington, Pa. Jar. 118,601; Jan. 16.
Nolan, Edward J., Jr., Detroit, Mich. Cord rack or similar article. 119,502; Mar. 19.
Noll, Norman S., Los Angeles, Calif. Paper fastening machine. 121,339; July 2.
Norberg, Oscar E. (See Janes, R. B., and Norberg.)
Nordstrom, Ivar E., Falconer, N. Y. Mechanical figure toy or similar article. 124,224; Dec. 24.
Norman, Murray G., New York, N. Y., Dress ensemble. 122,536; Sept. 10.
Norman, Murray G., New York, N. Y. Dress. 122,537; Sept. 10.
Norman, Murray G., New York, N. Y., Dress ensemble. 122,552; Sept. 10.
Norris, Frank B., Shelby, Ind. Combination ice chipper and bottle breaker or similar article. 118,831; Feb. 6.
North Bro's M'f'g Co. (See Leopold, George O., assignor.)
North, Jack, Cincinnati, Ohio. Maternity dress. 120,410; May 7.
North & Judd Manufacturing Company. (See Freysinger, John B., assignor.)
Northam Warren Corporation. (See Deskey, Donald, assignor.)
Northern Indiana Brass Company. (See Arbogast, Alfred C., assignor.)
Norton, Chester H., Bronxville, N. Y. Window shade or similar article. 120,691; May 21.
Norton, Edward G., Springfield, Mass. Toothbrush. 122,500; Sept. 10.
Norton, M. Rudulph, Birmingham, Ala. Hat. 120,048; Apr. 16.
Novak, Edward J., Chicago, Ill. Combined display and dispensing carton. 120,649; May 21.
Novak, Syd, Chicago, Ill. Dress. 118,505; Jan. 9.
Novak, Syd, Chicago, Ill. Dress. 119,133; Feb. 20.
Novak, Syd, Chicago, Ill. Dress ensemble. 119,134; Feb. 20.
Novak, Syd, Chicago, Ill. Dress ensemble. 119,135; Feb. 20.
Novak, Syd, Chicago, Ill. Dress ensemble. 119,136; Feb. 20.
Novak, Syd, Chicago, Ill. Dress ensemble. 119,137; Feb. 20.
Novak, Syd, Chicago, Ill. Dress ensemble. 119,453; Mar. 12.
Novak, Syd, Chicago, Ill. Dress. 119,474; Mar. 12.
Novak, Syd, Chicago, Ill. Dress ensemble. 120,067; Apr. 16.
Novak, Syd, Chicago, Ill. Dress ensemble. 120,068; Apr. 16.
Novak, Syd, Chicago, Ill. Dress. 120,080; Apr. 16.
Novak, Syd, Chicago, Ill. Dress ensemble. 120,081; Apr. 16.
Novak, Syd, Chicago, Ill. Dress ensemble. 120,179; Apr. 23.
Novak, Syd, Chicago, Ill. Dress. 120,203; Apr. 23.
Novak, Syd, Chicago, Ill. Dress. 120,204; Apr. 23.
Novak, Syd, Chicago, Ill. Dress ensemble. 120,302; Apr. 30.
Novak, Syd, Chicago, Ill. Dress ensemble. 120,328; Apr. 30.
Novak, Syd, Chicago, Ill. Dress. 120,329; Apr. 30.
Novak, Syd, Chicago, Ill. Dress ensemble. 120,330; Apr. 30.
Novak, Syd, Chicago, Ill. Dress ensemble. 120,331; Apr. 30.
Novak, Syd, Chicago, Ill. Dress ensemble. 120,604; May 14.
Novak, Syd, Chicago, Ill. Dress. 120,605; May 14.
Novak, Syd, Chicago, Ill. Dress. 120,606; May 14.
Novak, Syd, Chicago, Ill. Dress. 120,692; May 21.
Novak, Syd, Chicago, Ill. Redingote. 120,837; May 28.
Novak, Syd, Chicago, Ill. Dress ensemble. 121,448; July 9.
Novak, Syd, Chicago, Ill. Dress ensemble. 121,449; July 9.
Novak, Syd, Chicago, Ill. Dress. 121,450; July 9.
Novak, Syd, Chicago, Ill. Dress. 121,451; July 9.
Novak, Syd, Chicago, Ill. Dress ensemble. 121,452; July 9.
Novak, Syd, Chicago, Ill. Dress ensemble. 121,542; July 16.
Novak, Syd, Chicago, Ill. Dress ensemble. 121,551; July 16.
Novak, Syd, Chicago, Ill. Dress. 121,552; July 16.
Novak, Syd, Chicago, Ill. Dress ensemble. 121,553; July 16.
Novak, Syd, Chicago, Ill. Dress ensemble. 121,554; July 16.
Novak, Syd, Chicago, Ill. Dress ensemble. 121,659; July 23.
Novak, Syd, Chicago, Ill. Dress ensemble. 121,660; July 23.
Novak, Syd, Chicago, Ill. Dress ensemble. 121,661; July 23.
Novak, Syd, Chicago, Ill. Dress ensemble. 121,980; Aug. 13.
Novak, Syd, Chicago, Ill. Dress. 121,981; Aug. 13.
Novak, Syd, Chicago, Ill. Dress. 121,982; Aug. 13.
Novak, Syd, Chicago, Ill. Dress ensemble. 121,983; Aug. 13.
Novak, Syd, Chicago, Ill. Dress. 121,984; Aug. 13.
Novak, Syd, Chicago, Ill. Dress. 122,637; Sept. 17.
Novak, Syd, Chicago, Ill. Dress. 122,960; Oct. 8.
Novak, Syd, Chicago, Ill. Dress. 122,961; Oct. 8.
Novak, Syd, Chicago, Ill. Dress. 122,962; Oct. 8.
Novak, Syd, Chicago, Ill. Dress ensemble. 122,983; Oct. 8.
Novak, Syd, Chicago, Ill. Dress. 122,984; Oct. 8.
Novak, Syd, Chicago, Ill. Dress ensemble. 122,985; Oct. 8.
Novak, Syd, Chicago, Ill. Dress. 123,034; Oct. 8.
Novak, Syd, Chicago, Ill. Dress ensemble. 123,035; Oct. 8.
Novak, Syd, Chicago, Ill. Dress ensemble. 123,045; Oct. 8.
Novak, Syd, Chicago, Ill. Dress. 123,627; Nov. 19.
Novak, Syd, Chicago, Ill. Dress ensemble. 124,001; Dec. 16.

Novak, Syd, Chicago, Ill. Dress ensemble. 124,002; Dec. 10.
Novak, Syd, Chicago, Ill. Dress ensemble. 124,003; Dec. 10.
Novak, Syd, Chicago, Ill. Dress ensemble. 124,004; Dec. 10.
Novak, Syd, Chicago, Ill. Dress ensemble. 124,005; Dec. 10.
Novak, Syd, Chicago, Ill. Dress ensemble. 124,006; Dec. 10.
Novak, Syd, Chicago, Ill. Dress ensemble. 124,007; Dec. 10.
Novak, Syd, Chicago, Ill. Dress ensemble. 124,105; Dec. 17.
Nu-Dell, Arthur A., assignor to Nu-Dell Manufacturing Co., Inc., Chicago, Ill. Tie rack. 119,045; Feb. 20.
Nu Dell, Arthur A., assignor to Nu-Dell Manufacturing Co., Inc., Chicago, Ill. Sport bonnet. 121,457; July 9.
Nu Dell, Arthur A., assignor to Nu-Dell Manufacturing Co., Inc., Chicago, Ill. Tie rack. 123,487; Nov. 12.
Nu-Dell Manufacturing Co. (See Nu-Dell, Arthur A., assignor.)
Null, Ralph G. (See Cady, J. E., Macdonald, and Null.)
Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe heel. 121,193; June 25.
Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe heel. 121,194; June 25.
Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe heel. 121,195; June 25.
Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Wedge heel. 122,606; Sept. 17.
Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Wedge heel. 122,607; Sept. 17.
Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe heel. 123,167; Oct. 22.
Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe heel. 123,214; Oct. 22.
Oakley, Alfred, Elkins Park, Pa., assignor to Carson Pirie Scott & Co., Chicago, Ill. Carpet or similar article. 119,832; Apr. 2.
Oakley, Alfred, Elkins Park, Pa., assignor to Carson Pirie Scott & Co., Chicago, Ill. Carpet or similar article. 119,833; Apr. 2.
Oakley, Alfred, Elkins Park, Pa., assignor to Carson Pirie Scott & Co., Chicago, Ill. Carpet or similar article. 119,834; Apr. 2.
Oakley, Alfred, Elkins Park, assignor to Hardwick & Magee Company, Philadelphia, Pa. Carpet or similar article. 124,450; Dec. 31.
Oberdick, Ervin O., Cleveland, Ohio. Ring or similar article. 120,352; May 7.
O'Bryon, Estelle L., San Leandro, Calif. Measuring spoon. 120,759; May 28.
Obstfeld, Abraham I. (See Obstfeld, Lou, assignor.)
Obstfeld, Lou, Brooklyn, assignor to himself and A. I. Obstfeld, New York, N. Y. Stapling device. 121,996; Aug. 20.
Ochs, Frederick W., Jamaica Plain, assignor to Bates Shoe Company, Webster, Mass. Shoe. 123,299; Oct. 29.
O'Connell, John S., assignor to Towle Manufacturing Company, Newburyport, Mass. Buffet holder for silverware or analogous article. 121,077; June 18.
Odzer, Harry, New York, N. Y. Textile fabric. 118,880; Feb. 6.
Odzer, Harry, New York, N. Y. Textile fabric. 118,881; Feb. 6.
Odzer, Harry, New York, N. Y. Textile fabric. 118,882; Feb. 6.
Odzer, Harry, New York, N. Y. Textile fabric. 118,883; Feb. 6.
Odzer, Harry, New York, N. Y. Textile fabric. 118,884; Feb. 6.
Odzer, Harry, New York, N. Y. Textile fabric. 118,885; Feb. 6.
Odzer, Harry, New York, N. Y. Textile fabric. 118,889; Feb. 6.
Odzer, Harry, New York, N. Y. Textile fabric. 118,890; Feb. 6.
Odzer, Harry, New York, N. Y. Textile fabric. 118,891; Feb. 6.
Oermann, Carl H., York, Pa. Glider. 120,528; May 14.
Oertle, Lawrence C. (See Uecker, R. A., Beatty, and Oertle.)
Oetinger, Elmer F., Buffalo, N. Y. Combination signal and mirror. 118,744; Jan. 30.
Ofeldt, Frank W., assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa. Spraying apparatus casing. 122,147; Aug. 27.
Ofshe, Adele, New York, N. Y. Dress. 119,143; Feb. 20.
Ogden, Bertha H., assignor to Babs Creations, Inc., New York, N. Y. Perfume bottle or the like. 120,426; May 7.
Ogden, Bertha H., assignor to Babs Creations, Inc., New York, N. Y. Container for perfume or the like. 120,471; May 7.
Ogden, Bertha H., assignor to Babs Creations, Inc., New York, N. Y. Perfume container or the like. 120,786; May 28.
Ogden, Bertha H., assignor to Babs Creations, Inc., New York, N. Y. Container for perfume or the like. 122,714; Sept. 24.
Ogle, Frank. (See Hoffman, Daniel A., assignor.)
Ohio Injector Company, The. (See Tinker, Walter H., assignor.)
Ohio Thermometer Company, The. (See Wappner, Ralph C., assignor.)
Olach, Antony K., Chicago, Ill. Leg for an article of furniture. 122,608; Sept. 17.
Olds, Elvin J. (See Schopbach, C. H., and Olds.)
Olean Glass Company. (See Lundy, William J., assignor.)
Oliver United Filters Incorporated. (See Flynn, Edward D., assignor.)
Oliver, Wallace F., assignor to Bendix Home Appliances, Inc., South Bend, Ind. Washing machine. 118,647; Jan. 23.
Olsson, Ernst, Brooklyn, N. Y. Automobile radiator cap. 120,396; May 7.
Oltarsh, Abraham L., New York, N. Y. Textile fabric. 124,106; Dec. 17.
Oltarsh, Abraham L., New York, N. Y. Textile fabric. 124,237; Dec. 24.
Oltarsh, Abraham L., New York, N. Y. Textile fabric. 124,284; Dec. 24.
Oltarsh, Abraham L., New York, N. Y. Textile fabric. 124,358; Dec. 31.
O'Neal, George, Near Damascus, Md., assignor to G. H. Hutaff, Jr., Wilmington, N. C. Toy. 119,597; Mar. 26.
Oneida Ltd. (See Allen, G. N., and Fleming, assignors.)
Onondaga Pottery Company. (See Otis, Edward M., assignor.)
Onondaga Pottery Company. (See Wigley, John T., assignor.)
Ontario Manufacturing Company. (See Downs, Marwood A., assignor.)
Opotow, Nathan, New York, N. Y. Calipers. 118,832; Feb. 6.
Oppenheimer Casing Co. (See Holstein, M. S., and Morrow, assignors.)
Oppenheimer, Ludwig. (See Mitchell, H. O., and Oppenheimer.)
Opper, Morris, New York, N. Y. Necktie. 121,458; July 9.
Orchard Paper Company. (See Carter, Theodore L., assignor.)
Orian, John W., New York, N. Y. Textile fabric or similar article. 121,041; June 11.
Orian, John W., New York, N. Y. Wallpaper or similar article. 124,238; Dec. 24.
Orloff, Arthur E., New York, N. Y. Display form for haberdashery. 119,046; Feb. 20.
Ornstein, David, New York, N. Y. Bracelet watch. 119,637; Mar. 26.
Ornstein, David, New York, N. Y. Bracelet watch. 119,638; Mar. 26.
Ornstein, David, New York, N. Y. Pendant watch. 121,914; Aug. 13.
Ornstein, David, New York, N. Y. Pendant watch. 121,915; Aug. 13.
Ornstein, David, New York, N. Y. Transparent watch. 121,916; Aug. 13.
Osborne, Beverly, Oklahoma City, Okla. Griddle scraper. 120,245; Apr. 30.
Oshkosh Trunks, Incorporated. (See Heinke, A. J., and Kahn, assignors.)
Oshkosh Trunks, Incorporated. (See Plotkin, Joseph H., assignor.)
Osman, Ralph T., assignor to Koehring Company, Milwaukee, Wis. Dirt moving scraper. 120,014; Apr. 16.
Osterberg, Harold, Buffalo, and T. G. Aitcheson, Tonawanda, assignors to Spencer Lens Company, Buffalo, N. Y. Projector. 121,097; June 18.
Osterberg, Harold, Buffalo, and C. M. Sperazz, Kenmore, assignors to Spencer Lens Company, Buffalo, N. Y. Projector. 121,098; June 18.
Osterhoudt, Rodney B., Kingston, N. Y. Cap for a collapsible tube. 120,353; May 7.
Ostrander, Joel W., Chicago, Ill., assignor to Hughes Loose-Leaf Metals Company. Magazine holder. 121,305; July 2.
Ostrander, Robert K., South Orange, N. J., assignor to United States Rubber Company, New York, N. Y. Puppet doll. 123,414; Nov. 5.
Ostrander, Robert K., South Orange, N. J., assignor to United States Rubber Company, New York, N. Y. Puppet doll. 123,415; Nov. 5.
Ostrander, Robert K., South Orange, N. J., assignor to United States Rubber Company, New York, N. Y. Puppet animal figure. 123,436; Nov. 5.
Oswald, John, Lansing, assignor to General Motors Corporation, Detroit, Mich. Bumper. 119,809; Apr. 2.
Oswald, John, East Lansing, assignor to General Motors Corporation, Detroit, Mich. Automobile radiator grille. 121,636; July 23.
Oswell, Benjamin M., Los Angeles, Calif. Combined napkin and menu holder and straw dispenser. 120,742; May 28.
Otis, Edward M., assignor to Onondaga Pottery Company, Syracuse, N. Y. Plate or similar article. 124,107; Dec. 17.

Otis, Edward M., assignor to Onondaga Pottery Company, Syracuse, N. Y. Plate or similar article. 124,165; Dec. 17.
Otte, Otho M., Tarentum, Pa. Spoon or other article of flatware. 120,895; June 4.
Otto, Ferdinand P., assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 119,937; Apr. 16.
Otto, Ferdinand P., assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 119,938; Apr. 16.
Otto, Ferdinand P., assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 119,939; Apr. 16.
Outdoor Bulletins. (See Barbour, Raleigh W., assignor.)
Overgaard, Odd. (See Nashe, L., and Overgaard.)
Owen, Frederick E., East Palestine, Ohio. Vaporizer. 120,871; June 4.
Owen, Sidney, Lincoln, Nebr. Belt racks. 122,692; Sept. 24.
Owens-Illinois Can Company. (See Elser, William, assignor.)
Owens-Illinois Glass Company. (See Fuerst, Brooks D., assignor.)
Owens-Illinois Can Company. (See Garten, William, assignor.)
Owens-Illinois Glass Company. (See Hofmann, Victor E., assignor.)
Owens-Illinois Glass Company. (See Kendall, Roy C., assignor.)
Owens-Illinois Glass Company. (See McKnight, Henry G., assignor.)
Owens-Illinois Pacific Coast Company. (See Steuer, Norman F., assignor.)
Owens, Theodore T., Elyria, Ohio. Key holder. 123,841; Dec. 3.
Ox Fibre Brush Company. (See Partridge, Melvin H., assignor.)
Oxweld Acetylene Company. (See Baker, Clarence H., assignor.)
Oxweld Acetylene Company. (See Geibig, Frank C., assignor.)
Oxweld Acetylene Company. (See Jones, Everett P., assignor.)
Pacenzia, Antonino, Buffalo, N. Y. Frame for pictures and the like. 120,627; May 21.
Pacific Brewing & Malting Co. (See Macdonald, C. H., and Rackham, assignors.)
Pacific Clay Products. (See Darrow, Isobel, assignor.)
Packard, Elmer D., Norway, Maine. Shoe or similar article. 120,512; May 14.
Pagán, Oceania, Maplewood, Mo. Score board. 123,416; Nov. 5.
Page, John H., assignor to The Shaw-Walker Company, Muskegon, Mich. Chair. 119,047; Feb. 20.
Page, John H., assignor to The Shaw Walker Company, Muskegon, Mich. Chair. 119,048; Feb. 20.
Page, Raymond M., assignor to Barber-Colman Company, Rockford, Ill. Air distribution outlet. 120,015; Apr. 16.
Pahlmann, William C., New York, N. Y. Textile fabric. 118,892; Feb. 6.
Pahlmann, William C., and C. Hornbostel, New York, N. Y. Building. 123,680; Nov. 26.
Painton, Ralph T. (See Swearingen, A. L., and Painton.)
Paisner, Paul P., Chicago, Ill. Combined tissue dispenser and vanity chest. 119,281; Mar. 5.
Paisner, Paul P., Chicago, Ill. Combined make-up box and time clock. 120,082; Apr. 16.
Pajzs, Tibor M., Shorewood, Wis. Finger ring. 118,386; Jan. 2.
Pallotta, Vito, Brooklyn, N. Y. Pleated leather trimming or similar article. 120,715; May 21.
Palmer, Carl M., Silverton, Ohio. Flag holder. 118,865; Feb. 6.
Palmer, Richard W., Whittier, assignor to Vultee Aircraft, Inc., Downey, Calif. Airplane. 121,963; Aug. 13.
Palmer, Robert L., New York, assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Handkerchief or similar article. 121,695; July 30.
Palmer, Robert L., New York, assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Handkerchief or similar article. 121,696; July 30.
Palmer, Robert L., New York, assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Handkerchief or similar article. 121,697; July 30.
Panzer, William C., assignor to Russakov Can Company, Chicago, Ill. Metal chair. 121,543; July 16.
Paolantonio, Antonio, Providence, R. I., assignor to Colonial Knife Company, Inc. Bottle opener. 119,965; Apr. 16.
Pappert, Emanuel, Flushing, N. Y. Spectacle frame. 121,698; July 30.
Paramount Fashion Co. Incorporated. (See Stein, Leo, assignor.)
Pardey, William A., Portland, and L. Stipp, Oregon City, Oreg. Electric ozonizer. 120,386; May 7.
Pardey, William A., Portland, Oreg. Ozone producing machine. 121,099; June 18.
Pardey, William A., Portland, Oreg. Ozonizer. 122,026; Aug. 20.
Parfumerie De Raymond. (See Snyder, Gilbert D., assignor.)
Parfums Schiaparelli Inc. (See di Verdura, Falco, assignor.)
Parfums Schiaparelli, Inc. (See Loewy, Raymond, assignor.)
Park, Malcolm S., Mount Kisco, N. Y., and H. Hacklander, Linden, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine or the like. 122,963; Oct. 8.
Parke, Davis & Company. (See Schutz, Thomas A., assignor.)
Parker Brothers, Incorporated. (See Vandenborre, Rene, assignor.)
Parker, Harry, New York, N. Y. Boot or similar article. 119,396; Mar. 12.
Parker, Ovid S., South Gate, assignor to Cameo Vineyards Company, Fresno, Calif. Bottle. 120,677; May 21.
Parker, Reah J., Detroit, Mich. Ironing table. 124,329; Dec. 31.
Parker, Samuel E., Dunkirk, Ind. Combination buffing and scraping tool for tires or the like. 120,678; May 21.
Parman, Howard R., assignor to Chamberlain, Inc., Chicago, Ill. Christmas tree stand. 122,412; Sept. 10.
Parnis, Mollie, New York, N. Y. Dress. 123,842; Dec. 3.
Parriott, Raymond W., Moundsville, W. Va. Steering wheel. 118,503; Jan. 9.
Parry, Winnifred, Beverly Hills, Calif. Doll. 120,760; May 28.
Parsons, Dale, Verdon, Nebr. Tool for removing corn from the cob. 122,413; Sept. 10.
Parsons, Frederick E., assignor of fifty one-hundredths to F. J. Buxton, Philadelphia, Pa. Bottle. 122,185; Aug. 27.
Partridge, Melvin H., New Rochelle, assignor to Ox Fibre Brush Company, Inc., New York, N. Y. Scouring brush. 119,028; Feb. 13.
Paskewitz, Frank F., St. Paul, assignor to Gro-Lux, Incorporated, Minneapolis, Minn. Combined fertilizer distributor and container. 119,475; Mar. 12.
Pass, Arthur R., assignor to The Toledo Automotive Products Co., Toledo, Ohio. Parking lamp or similar article. 120,918; June 4.
Passoff, Jack, Brooklyn, N. Y. Handbag or similar article. 124,330; Dec. 31.
Pataky, Louis, Florissant, Mo. Mill dispenser. 121,018; June 11.
Patent Button Company, The. (See Borel, Stanley R., assignor.)
Patent License Corporation. (See Arenberg, Albert L., assignor.)
Patent License Corporation. (See Zimmerman, Edward C., assignor.)
Paterson, Edward M., assignor to Plastic-Fibre Corporation, Whittier, Calif. Coat hanger or similar article. 118,984; Feb. 13.
Pathe Laboratories, Inc. (See Freemen, Lawrence W., assignor.)
Patterson, Edmund M., New York, N. Y. Textile fabric. 122,853; Oct. 1.
Patterson, George B., Garden City, N. Y. Necktie box or similar article. 121,878; Aug. 13.
Pauzat, Charles E., assignor to Cohn & Rosenberger, Inc., New York, N. Y. Brooch or similar article. 120,942; June 4.
Pavenick, Abraham, New York, N. Y. Combined mirror, brush, containers and support thereof. 123,189; Oct. 22.
Pavlicek, Joseph, Montevideo, Minn. Toy. 119,049; Feb. 20.
Paw Paw Bait Company. (See Phelps, Floyd A., assignor.)
Pawsat, Ewald F. (See Pawsat, Ruben L., assignor.)
Pawsat, Ruben L., assignor to E. F. Pawsat, Maysville, Ky. Bicycle handle bar extension stem. 120,650; May 21.
Paxton, Gerald C., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Chain. 124,198; Dec. 24.
Payne, Clyde S., Jr., North Hollywood, Calif. Toy. 121,495; July 16.
Payne, Clyde S., Jr., North Hollywood, Calif. Toy. 121,496; July 16.
Payne, Clyde S., Jr., North Hollywood, Calif. Toy. 121,497; July 16.
Payne, Clyde S., Jr., North Hollywood, Calif. Toy. 121,498; July 16.
Payne, John N., Pembroke, Ky. Broom holder or similar article. 121,250; June 25.
Payne, Ruth, New York, N. Y. Dress or similar article. 124,445; Dec. 31.
Payne, Ruth, New York, N. Y. Dress. 124,476; Dec. 31.
Payne, Ruth, New York, N. Y. Dress. 124,477; Dec. 31.
Payne, Ruth, New York, N. Y. Dress. 124,478; Dec. 31.
Payne, Ruth, New York, N. Y. Dress. 124,479; Dec. 31.
Payne, Ruth, New York, N. Y. Dress. 124,500; Dec. 31.
Payne, Walter B., Rochester, and H. Dreyfuss, New York, N. Y. Casing for a check writing machine or similar article. 120,529; May 14.
Paysee, Robert B., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Knife. 121,597; July 23.
Pealer, Robert B., Parkman, assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Pipe working machine. 118,416; Jan. 2.
Pearson, Greta. (See Rinaldi, A., and Pearson.)

Pearson, Willie T., Jackson, Miss. Order device. 121,819; Aug. 6.
Peck, Gordon V., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric capacitor. 122,825; Oct. 1.
Peck, Margaret C., Winnetka, Ill. Doll. 118,387; Jan. 2.
Peck, William F., Snyder, and R. S. Estey, assignors to Spencer Lens Company, Buffalo, N. Y. Polarimeter or the like. 124,239; Dec. 24.
Pellegrin, Elmer D., Woodstock, assignor to Geo. D. Roper Corporation, Rockford, Ill. Handle for stoves or the like. 122,725; Sept. 24.
Pellegrin, Elmer D., Woodstock, assignor to Geo. D. Roper Corporation, Rockford, Ill. Knob for stoves or the like. 122,726; Sept. 24.
Pellegrin, Elmer D., Woodstock, assignor to Geo D. Roper Corporation, Rockford, Ill. Knob for stoves or the like. 122,755; Sept. 24.
Pellegrin, Elmer D., Woodstock, assignor to Geo. D. Roper Corporation, Rockford, Ill. Escutcheon plate for stoves or the like. 123,417; Nov. 5.
Pellegrin, Elmer D., Woodstock, assignor to Geo. D. Roper Corporation, Rockford, Ill. Escutcheon plate for stoves or the like. 123,418; Nov. 5.
Pellegrin, Elmer D., Woodstock, assignor to Geo. D. Roper Corporation, Rockford, Ill. Range or similar article. 123,784; Dec. 3.
Pellegrin, Elmer D., Woodstock, assignor to Geo. D. Roper Corporation, Rockford, Ill. Range or similar article. 123,818; Dec. 3.
Pellegrin, Elmer D., Woodstock, assignor to Geo. D. Roper Corporation, Rockford, Ill. Handle for stoves or the like. 123,890; Dec. 10.
Pellegrin, Elmer D., Woodstock, assignor to Geo. D Roper Corporation, Rockford, Ill. Handle for stoves or the like. 123,891; Dec. 10.
Pellegrin, Elmer D., Woodstock, assignor to Geo. D. Roper Corporation, Rockford, Ill. Knob for stoves or the like. 123,892; Dec. 10.
Pellegrin, Elmer D., Woodstock, assignor to Geo. D. Roper Corporation, Rockford, Ill. Gas range. 123,893; Dec. 10.
Pellegrin, Elmer D., Woodstock, assignor to Geo. D. Roper Corporation, Rockford, Ill. Gas range. 123,894; Dec. 10.
Pellegrin, Elmer D., Woodstock, assignor to Geo. D. Roper Corporation, Rockford, Ill. Gas range. 123,914; Dec. 10.
Pellegrin, Elmer D., Woodstock, assignor to Geo. D. Roper Corporation, Rockford, Ill. Range or similar article. 123,915; Dec. 10.
Pellegrin, Elmer D., Woodstock, assignor to Geo. D. Roper Corporation, Rockford, Ill. Range or similar article. 123,916; Dec. 10.
Peltier, Leslie, assignor to The Delphos Bending Company, Delphos, Ohio. Baby's walker or similar article. 120,569; May 14.
Peltier, Leslie, assignor to The Delphos Bending Company, Delphos, Ohio. Baby's walker or similar article. 120,570; May 14.
Peltier, Leslie, assignor to The Delphos Bending Company, Delphos, Ohio. Combination child's walker and stroller or similar article. 120,571; May 14.
Peltier, Leslie, assignor to The Delphos Bending Company, Delphos, Ohio. Combination child's walker and stroller or similar article. 120,787; May 28.
Peltier, Leslie, assignor to The Delphos Bending Company, Delphos, Ohio. Base frame for child's rocking toy or similar article. 121,000; June 11.
Penick & Ford, Ltd. (See Smith, Frasier, assignor.)
Penn Electric Switch Co. (See Shaw, Burton E., assignor.)
Pennell, David R. (See Lewis, M. W., Johanson, and Pennell.)
Pennino, Oreste, New York, N. Y. Pin clip. 119,091; Feb. 20.
Pennwood Company. (See Muller-Munk, Peter, assignor.)
Peo, Ralph F., and E. P. Riner, assignors to Houde Engineering Corporation, Buffalo, N. Y. Dispensing tube or similar article. 123,312; Oct. 29.
Pepper, Dr., Company. (See Sheeran, Creed S., assignor.)
Pepsi-Cola Company. (See Carr, James G., assignor.)
Pepsi-Cola Company. (See Steelman, James S., assignor.)
Perfect Circle Company, The. (See Teetor, Lothair, assignor.)
Perfection Stove Company. (See Dahlstrom, John A., assignor.)
Perfex Corporation. (See Hess, Clarence R. T., assignor.)
Perkins Products Co. (See Kunz, William, assignor.)
Perl, Harry N., Burbank, Calif. Electric master plug. 121,820; Aug. 6.
Perlberg, Fred, New York, N. Y. Dress. 121,843; Aug. 6.
Perlberg, Fred, New York, N. Y. Dress. 121,844; Aug. 6.
Perlberg, Fred, New York, N. Y. Dress. 123,228; Oct. 22.
Perlmutter, Henry A., assignor to Artistic Lamp Manufacturing Company, Inc., New York, N. Y. Lamp base. 118,985; Feb. 13.
Perlmutter, Henry A., assignor to Artistic Lamp Manufacturing Company, Inc., New York, N. Y. Combined lamp pedestal and base. 119,670; Mar. 26.
Perlmutter, Isidor, New York, N. Y. Jar. 123,236; Oct. 22.
Perrin, Paul C., Pittsburgh, Pa., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Billiard table. 120,354; May 7.
Perrin, Paul C., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Helmet. 123,638; Nov. 19.
Perryman, George H., Teaneck, N. J. Combined container and display for golf tees or the like. 123,819; Dec. 3.
Perugia, Andre, Paris, France. Shoe or similar article. 119,397; Mar. 12.
Perugia, André, Paris, France. Shoe. 124,331; Dec. 31.
Pesce, William M., Waterbury, Conn. Ashtray. 119,310; Mar. 5.
Peters, Arthur H., Glencoe, assignor to American Ironing Machine Co., Algonquin, Ill. Ironing machine. 120,016; Apr. 16.
Peters, Carl E., assignor to B-L Electric Company, St. Louis, Mo. Battery-charging cabinet. 121,625; July 23.
Peters and Russell, Inc. (See Russell, Linus E., assignor.)
Petry, John, Long Island City, N. Y. Decorative electric lamp body or similar article. 121,522; July 16.
Petzold, William B., Pittsfield, Mass., assignor to General Electric Company. Trophy base. 118,388; Jan. 2.
Petzold, William B., Pittsfield, Mass., assignor to General Electric Company. Stenotype machine. 119,204; Feb. 27.
Petzold, William B., Pittsfield, Mass., assignor to General Electric Company. Paper dispenser unit. 120,743; May 28.
Petzold, William B., Pittsfield, Mass., assignor to General Electric Company. Desk pad unit. 120,744; May 28.
Petzold, William B., Pittsfield, Mass., assignor to General Electric Company. Calendar desk pad unit. 121,424; July 9.
Petzold, William B., Pittsfield, Mass., assignor to General Electric Company. Calendar letter knife. 121,425; July 9.
Petzold, William B., Pittsfield, Mass., assignor to General Electric Company. Combination calendar desk pad unit. 121,460; July 9.
Petzold, William B., Pittsfield, Mass., assignor to General Electric Company. Globe for lighting fixtures. 121,523; July 16.
Petzold, William B., Pittsfield, Mass., assignor to General Electric Company. Ring box. 121,879; Aug. 13.
Petzold, William B., Pittsfield, Mass., assignor to General Electric Company. Diffusing light reflector. 122,878; Oct. 1.
Petzold, William B., Pittsfield, Mass., assignor to General Electric Company. Colorimeter housing. 123,190; Oct. 22.
Petzold, William B., Pittsfield, Mass., assignor to General Electric Company. Soap dispenser. 124,199; Dec. 24.
Pfauser, Edward M., Elm Grove, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Illuminable jack. 121,616; July 23.
Pharma-Craft Corporation. (See Howell, Charles A., assignor.)
Phelan, Francis X., Medford, Mass. Badge. 119,187; Feb. 27.
Phelps, Arthur G., Anderson, Ind., and F. G. Stickel, assignors to General Motors Corporation, Detroit, Mich. Storage battery box. 118,389; Jan. 2.
Phelps, Arthur G., Anderson, Ind., and F. G. Stickel, assignors to General Motors Corporation, Detroit, Mich. Storage battery box. 118,755; Jan. 30.
Phelps. Floyd A., Paw Paw, Mich., assignor to Paw Paw Bait Company, Paw Paw, Mich. Body for an artificial bait. 122,027; Aug. 20.
Phelps, Floyd A., assignor to Paw Paw Bait Company, Paw Paw, Mich. Artificial bait. 122,028; Aug. 20.
Philco Refrigerator Company. (See Dailey, D. E., and Van Doren, assignors.)
Philippe, Alfred, New York, N. Y. Pin clip. 118,756; Jan. 30.
Philippe, Alfred, New York, N. Y. Pin clip. 118,757; Jan. 30.
Philippe, Alfred, New York, N. Y. Pin clip. 118,758; Jan. 30.
Philippe, Alfred, New York, N. Y. Pin clip. 118,759; Jan. 30.
Philippe, Alfred, New York, N. Y. Pin clip. 119,092; Feb. 20.
Philippe, Alfred, New York, N. Y. Pin clip. 119,093; Feb. 20.
Philippe, Alfred, New York, N. Y. Pin clip. 119,094; Feb. 20.
Philippe, Alfred, New York, N. Y. Pin clip. 119,095; Feb. 20.
Philippe, Alfred, New York, N. Y. Pin clip. 119,096; Feb. 20.
Philippe, Alfred, New York, N. Y. Pin clip. 119,097; Feb. 20.
Philippe, Alfred, New York, N. Y. Pin clip. 119,098; Feb. 20.
Philippe, Alfred, New York, N. Y. Pin clip. 119,099; Feb. 20.
Philippe, Alfred, New York, N. Y. Pin clip. 119,100; Feb. 20.
Philippe, Alfred, New York, N. Y. Pin clip. 119,101; Feb. 20.

Philippe, Alfred, New York, N. Y. Pin clip. 119,102; Feb. 20.
Philippe, Alfred, New York, N. Y. Pin clip. 119,103; Feb. 20.
Philippe, Alfred, New York, N. Y. Pin clip. 119,104; Feb. 20.
Philippe, Alfred, New York, N. Y. Pin clip. 119,105; Feb. 20.
Philippe, Alfred, New York, N. Y. Pin clip. 119,433; Mar. 12.
Philippe, Alfred, New York, N. Y. Pin clip. 119,434; Mar. 12.
Philippe, Alfred, New York, N. Y. Pin clip. 119,435; Mar. 12.
Philippe, Alfred, New York, N. Y. Pin clip. 119,436; Mar. 12.
Philippe, Alfred, New York, N. Y. Pin clip. 119,437; Mar. 12.
Philippe, Alfred, New York, N. Y. Pin clip. 119,438; Mar. 12.
Philippe, Alfred, New York, N. Y. Pin clip. 119,454; Mar. 12.
Philippe, Alfred, New York, N. Y. Pin clip. 119,455; Mar. 12.
Philippe, Alfred, New York, N. Y. Pin clip. 119,456; Mar. 12.
Philippe, Alfred, New York, N. Y. Pin clip. 119,457; Mar. 12.
Philippe, Alfred, New York, N. Y. Pin clip. 119,525; Mar. 19.
Philippe, Alfred, New York, N. Y. Pin clip. 119,766; Apr. 2.
Philippe, Alfred, New York, N. Y. Pin Clip. 120,303; Apr. 30.
Philippe, Alfred, New York, N. Y. Pin clip. 120,448; May 7.
Philippe, Alfred, New York, N. Y. Pin clip. 120,449; May 7.
Philippe, Alfred, New York, N. Y. Pin clip. 120,450; May 7.
Philippe, Alfred, New York, N. Y. Pin clip. 120,572; May 14.
Philippe, Alfred, New York, N. Y. Pin clip. 120,573; May 14.
Philippe, Alfred, New York, N. Y. Pin clip. 120,574; May 14.
Philippe, Alfred, New York, N. Y. Pin clip. 120,575; May 14.
Philippe, Alfred, New York, N. Y. Necklace. 120,589; May 14.
Philippe, Alfred, New York, N. Y. Bracelet. 120,590; May 14.
Philippe, Alfred, New York, N. Y. Necklace. 120,591; May 14.
Philippe, Alfred, New York, N. Y. Necklace. 120,592; May 14.
Philippe, Alfred, New York, N. Y. Bracelet. 120,593; May 14.
Philippe, Alfred, New York, N. Y. Necklace. 120,594; May 14.
Philippe, Alfred, New York, N. Y. Bracelet. 120,896; June 4.
Philippe, Alfred, New York, N. Y. Bracelet. 120,897; June 4.
Philippe, Alfred, New York, N. Y. Pin clip. 121,222; June 25.
Philippe, Alfred, New York, N. Y. Necklace. 121,223; June 25.
Philippe, Alfred, New York, N. Y. Necklace. 121,224; June 25.
Philippe, Alfred, New York, N. Y. Pin clip. 121,251; June 25.
Philippe, Alfred, New York, N. Y. Pin clip. 121,252; June 25.
Philippe, Alfred, New York, N. Y. Pin clip. 121,253; June 25.
Philippe, Alfred, New York, N. Y. Pin clip. 121,254; June 25.
Philippe, Alfred, New York, N. Y. Pin clip. 121,255; June 25.
Philippe, Alfred, New York, N. Y. Pin clip. 121,350; July 2.
Philippe, Alfred, New York, N. Y. Pin clip. 121,728; July 30.
Philippe, Alfred, New York, N. Y. Pin clip. 121,729; July 30.
Philippe, Alfred, New York, N. Y. Pin clip. 121,730; July 30.
Philippe, Alfred, New York, N. Y. Pin clip. 121,731; July 30.
Philippe, Alfred, New York, N. Y. Bracelet. 121,732; July 30.
Philippe, Alfred, New York, N. Y. Pin clip. 121,821; Aug. 6.
Philippe, Alfred, New York, N. Y. Pin clip. 121,845; Aug. 6.
Philippe, Alfred, New York, N. Y. Pin clip. 121,846; Aug. 6.
Philippe, Alfred, New York, N. Y. Pin clip. 121,847; Aug. 6.
Philippe, Alfred, New York, N. Y. Pin clip. 121,848; Aug. 6.
Philippe, Alfred, New York, N. Y. Pin clip. 121,849; Aug. 6.
Philippe, Alfred, New York, N. Y. Pin clip. 121,850; Aug. 6.
Philippe, Alfred, New York, N. Y. Pin clip. 121,851; Aug. 6.
Philippe, Alfred, New York, N. Y. Pin clip. 121,852; Aug. 6.
Philippe, Alfred, New York, N. Y. Bracelet. 121,859; Aug. 6.
Philippe, Alfred, New York, N. Y. Brooch or similar article. 121,943; Aug. 13.
Philippe, Alfred, New York, N. Y. Brooch or similar article. 121,944; Aug. 13.
Philippe, Alfred, New York, N. Y. Brooch or similar article. 121,945; Aug. 13.
Philippe, Alfred, New York, N. Y. Pin clip. 121,964; Aug. 13.
Philippe, Alfred, New York, N. Y. Pin clip. 121,965; Aug. 13.
Philippe, Alfred, New York, N. Y. Earring. 122,090; Aug. 20.
Philippe, Alfred, New York, N. Y. Pin clip. 122,091; Aug. 20.
Philippe, Alfred, New York, N. Y. Pin clip. 122,092; Aug. 20.
Philippe, Alfred, New York, N. Y. Pin clip. 122,093; Aug. 20.
Philippe, Alfred, New York, N. Y. Pin clip. 122,094; Aug. 20.
Philippe, Alfred, New York, N. Y. Pin clip. 122,095; Aug. 20.
Philippe, Alfred, New York, N. Y. Pin clip. 122,096; Aug. 20.
Philippe, Alfred, New York, N. Y. Pin clip. 122,097; Aug. 20.
Philippe, Alfred, New York, N. Y. Pin clip. 122,098; Aug. 20.
Philippe, Alfred, New York, N. Y. Pin clip. 122,099; Aug. 20.
Philippe, Alfred, New York, N. Y. Brooch or similar article. 122,203; Aug. 27.
Philippe, Alfred, New York, N. Y. Pin clip. 122,204; Aug. 27.
Philippe, Alfred, New York, N. Y. Pin clip. 122,205; Aug. 27.
Philippe, Alfred, New York, N. Y. Pin clip. 122,206; Aug. 27.
Philippe, Alfred, New York, N. Y. Bracelet. 122,207; Aug. 27.
Philippe, Alfred, New York, N. Y. Pin clip. 122,219; Aug. 27.
Philippe, Alfred, New York, N. Y. Pin clip. 122,220; Aug. 27.
Philippe, Alfred, New York, N. Y. Brooch pin or similar article. 122,221; Aug. 27.
Philippe, Alfred, New York, N. Y. Brooch or similar article. 122,299; Sept. 3.
Philippe, Alfred, New York, N. Y. Brooch or similar article. 122,300; Sept. 3.
Philippe, Alfred, New York, N. Y. Pin clip. 122,320; Sept. 3.
Philippe, Alfred, New York, N. Y. Brooch or similar article. 122,321; Sept. 3.
Philippe, Alfred, New York, N. Y. Pin clip. 122,339; Sept. 3.
Philippe, Alfred, New York, N. Y. Pin clip. 122,340; Sept. 3.
Philippe, Alfred, New York, N. Y. Brooch or similar article. 122,826; Oct. 1.
Philippe, Alfred, New York, N. Y. Bracelet. 123,168; Oct. 22.
Philippe, Alfred, New York, N. Y. Pin clip. 123,169; Oct. 22.
Phillippe, Alfred, New York, N. Y. Pin clip. 123,170; Oct. 22.
Philippe, Alfred, New York, N. Y. Pin clip. 123,171; Oct. 22.
Philippe, Alfred, New York, N. Y. Pin clip. 123,172; Oct. 22.
Philippe, Alfred, New York, N. Y. Pin clip. 123,173; Oct. 22.
Philippe, Alfred, New York, N. Y. Pin clip. 123,174; Oct. 22.
Philippe, Alfred, New York, N. Y. Pin clip. 123,175; Oct. 22.
Philippe, Alfred, New York, N. Y. Pin clip. 123,176; Oct. 22.
Philippe, Alfred, New York, N. Y. Pin clip. 123,177; Oct. 22.
Philippe, Alfred, New York, N. Y. Pin clip. 123,178; Oct. 22.
Philippe, Alfred, New York, N. Y. Brooch or similar article. 123,179; Oct. 22.
Philippe, Alfred, New York, N. Y. Pin clip. 123,272; Oct. 29.
Philippe, Alfred, New York, N. Y. Brooch or similar article. 123,273; Oct. 29.
Philippe, Alfred, New York, N. Y. Pin clip. 123,300; Oct. 29.
Philippe, Alfred, New York, N. Y. Pin clip. 123,301; Oct. 29.
Phillips, Dorothy B. (See Stephenson, Lou R., assignor.)
Phillips, Fred B., Graford, Tex. Cream extractor or the like. 124,200; Dec. 24.
Phillis, William A., assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Die stock. 122,693; Sept. 24.

Phinney-Walker Co. Inc. (See Ambrose, John P., assignor.)
Phoenix Hosiery Company. (See Minkel, William N., assignor.)
Phoenix Metal Cap Co. (See Crabbe, Lindsay T., assignor.)
Pichel, Inc. (See Pichel, Irving, assignor.)
Pichel, Irving, New York, N. Y. Handbag or similar article. 121,751; July 30.
Pichel, Irving, New York, N. Y. Handbag or similar article. 121,752; July 30.
Pichel, Irving, New York, N. Y. Handbag or similar article. 121,753; July 30.
Pichel, Irving, New York, N. Y. Handbag or similar article. 121,754; July 30.
Pichel, Irving, New York, N. Y. Handbag or similar article. 121,881; Aug. 13.
Pichel, Irving, New York, N. Y. Handbag or similar article. 121,966; Aug. 13.
Pichel, Irving, New York, N. Y. Handbag or similar article. 121,967; Aug. 13.
Pichel, Irving, New York, N. Y. Handbag. 122,759; Sept. 24.
Pichel, Irving, New York, N. Y. Handbag. 122,761; Sept. 24.
Pichel, Irving, New York, N. Y. Handbag. 123,215; Oct. 22.
Pichel, Irving, New York, N. Y. Handbag. 123,342; Oct. 29.
Pichel, Irving, assignor to Pichel, Inc., New York, N. Y. Handbag. 121,256; June 25.
Pichel, Irving, assignor to Pichel Inc., New York, N. Y. Handbag. 123,984; Dec. 10.
Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 118,417; Jan. 2.
Picken, Mary B., New York, N. Y. Apron. 118,418; Jan. 2.
Picker X-ray Corporation, Waite Manufacturing Division, Inc. (See Graves, Edward B., assignor.)
Pieper, Alphonse F., Brighton, N. Y. Lighting unit. 119,792; Apr. 2.
Pieper, Alphonse F., Brighton, N. Y. Electric light fixture. 121,882; Aug. 13.
Pieper, Alphonse F., Brighton, N. Y. Electric light fixture. 121,883; Aug. 13.
Pieper, Alphonse F., Brighton, N. Y. Electric lamp. 122,727; Sept. 24.
Pieper, Alphonse F., Brighton, N. Y. Lighting unit. 123,761; Dec. 3.
Pieper, Alphonse F., Brighton, N. Y. Lighting unit. 123,762; Dec. 3.
Pierce, Gilbert L., assignor to The Todd Company, Inc., Rochester, N. Y. Check imprinting machine or similar article. 120,530; May 14.
Pierce, Percy, Llanerch, Pa. Carton. 121,196; June 25.
Pierson, Frank W., Berkeley, Calif. Razor. 118,833; Feb. 6.
Pierson, Ralph C., and W. G. Schepman, Indianapolis, Ind. Fluid dispensing unit. 122,879; Oct. 1.
Piffath, Peter, Great Neck, N. Y. Magneto housing. 118,648; Jan. 23.
Piker, Herbert M., Hamilton, Ohio, assignor to The Hamilton Metal Products Company, Hamilton, Ohio. Lunch box. 122,029; Aug. 20.
Pileggi, Vincent R., Philadelphia, Pa. Combined comb and thinning razor. 123,180; Oct. 22.
Pillsbury Flour Mills Company. (See Warren, William S., assignor.)
Pingen, Pierre H., assignor to Erie Plastics Company, Erie, Pa. Vanity case. 118,480; Jan. 9.
Pingen, Pierre H., assignor to Erie Plastics Company, Erie, Pa. Vanity case. 118,481; Jan. 9.
Pioneer Parachute Company. (See Smith, Floyd, assignor.)
Pisapia, Catherine M., New York, N. Y. Dress. 122,827; Oct. 1.
Pisapia, Catherine M., New York, N. Y. Dress ensemble. 123,015; Oct. 8.
Pisapia, Katherine M., New York, N. Y. Dress ensemble. 121,453; July 9.
Pitkin, Emily L., New York, N. Y. Button. 120,651; May 21.
Pitman-Dreitzer & Company. (See Dreitzer, Albert J., assignor.)
Pitman & Keeler. (See Pitman, La Roy E., assignor.)
Pitman, La Roy E., assignor to Pitman & Keeler, Attleboro, Mass. Watch bracelet or the like. 121,917; Aug. 13.
Pitts, Arthur W., Tacoma, Wash. Atomizer. 121,884; Aug. 13.
Pittsburgh Steel Company. (See Luebbe, Frank A., assignor.)
Placco, Oscar, Providence, R. I., assignor to Cohn & Rosenberger Inc., New York, N. Y. Pin clip. 118,565; Jan. 16.
Planeta, Anthony W., Rahway, N. J. Combined rack and carrier. 118,672; Jan. 23.
Planeta, Anthony W., Rahway, N. J. Combined rack and carrier. 119,671; Mar. 26.
Plastic-Fibre Corporation. (See Paterson, Edward M., assignor.)
Platz, Elwood T., Detroit, Mich. Electric control panelboard unit. 122,844; Oct. 1.
Plock, Albert A., Eminence, Ky. Premium coupon. 120,838; May 28.
Plotkin, Joseph H., Chicago, Ill., assignor to Oshkosh Trunks, Incorporated, Oshkosh, Wis. Handle post. 121,997; Aug. 20.
Plotkin, Joseph H., Chicago, Ill., assignor to Oshkosh Trunks, Incorporated, Oshkosh, Wis. Luggage handle post. 122,030; Aug. 20.
Podwyszynski, Thadeus K., Brooklyn, N. Y. Souvenir block for carrying advertising matter. 123,274; Oct. 29.
Pogue, William F., Spokane, Wash. Hobbyhorse. 119,598; Mar. 26.
Pohl, Ernest F. (See Ekstedt, Henry V., assignor.)
Polaroid Corporation. (See Wolff, Otto E., assignor.)
Pollak, James, assignor to General Transformer Corporation, Chicago, Ill. Electric shears. 120,817; May 28.
Pollock, A. Edward, New York, N. Y. Sheet material dispenser. 123,462; Nov. 5.
Pollock, Leo, New York, N. Y. Decorative illuminating device or similar article. 121,998–9; Aug. 20.
Ponath, William O., Richmond Hill, assignor to Eagle Pencil Company, New York, N. Y. Mechanical pencil. 119,006; Feb. 13.
Poncher, Louis S., assignor to Erie Manufacturing Co., Inc., Chicago, Ill. Bumper guard. 118,406; Jan. 2.
Poncher, Louis S., assignor to Erie Manufacturing Co., Inc., Chicago, Ill. Bumper guard. 118,407; Jan. 2.
Pond, Kenneth H. (See Crowell, A. W., Merritt, and Pond.)
Poole, Nina L., Riverside, Calif. Combination mail box and house number plate. 118,711; Jan. 30.
Pope, Claude E., Oakland, Calif. Milk bottle. 120,555; May 14.
Popkin, Jacob, assignor to Berkshire Upholstered Furniture Co., Springfield, Mass. Chair. 123,275; Oct. 29.
Poplawski, Stephen J., Racine, Wis. Support for a drink mixer. 120,138; Apr. 23.
Poplawski, Stephen J., Racine, Wis. Drink mixer. 123,509; Nov. 12.
Popper, George, New York, N. Y. Combined lamp and attachment clamp. 121,699; July 30.
Portland Stove Foundry Co. (See Heidbreder, Herman H., assignor.)
Portnoy, Sam J., assignor of one-fourth to F. O. Kloiber and one-fourth to S. J. Herzberg, Milwaukee, Wis. Finger ring. 120,355; May 7.
Posin, Baruch, New York, N. Y. Combination hood and muffler. 120,721; May 21.
Posnack, Emanuel R., New York, N. Y. Combination desk unit. 120,229; Apr. 30.
Posnack, Emanuel R., New York, N. Y. Combination desk unit. 120,652; May 21.
Post, George V., Los Angeles, Calif. Roasting rack. 121,598; July 23.
Post, Harry L. (See Kavenagh, W. E., and Post.)
Post, Joseph W., Riverside, assignor to Armour and Company, Chicago, Ill. Carton for plastic foods. 119,205; Feb. 27.
Poster, Sidney J., New York, N. Y. Dress ensemble. 119,119; Feb. 20.
Poster, Sidney J., New York, N. Y. Dress. 119,144; Feb. 20.
Postman, Louis, New York, N. Y. Mitten. 120,576; May 14.
Potash, Joseph, New York, N. Y. Coat. 119,891; Apr. 9.
Potash, Joseph, New York, N. Y. Coat. 122,640; Sept. 17.
Potash, Joseph, New York, N. Y. Coat. 123,785; Dec. 3.
Potter, Russell L., assignor to The De Vilbiss Company, Toledo, Ohio. Spray gun. 122,045; Aug. 20.
Potter, Russell L., assignor to The De Vilbiss Company, Toledo, Ohio. Air dusting gun. 123,203; Oct. 22.
Poulos, Charles. (See Johnson, Harry H., assignor.)
Poulter, Thomas C., assignor to Research Foundation of Armour Institute of Technology, Chicago, Ill. Vehicle or similar article. 119,827; Apr. 2.
Powdrell & Alexander, Inc. (See Carragher, H. J., and Wilson, assignors.)
Preble, Harry S., Jr. (See Frisbie, M. H., and Preble.)
Precision Products Company. (See Thal, Bernard, assignor.)
Precision Scientific Company. (See Newman, Alexander I., assignor.)
Preller, Morris, New York, N. Y. Dress. 118,533; Jan. 9.
Premium Products Mfg. Co. (See Schober, Ray A., assignor.)
Prentice, Frederick C., assignor of one-half to P. W. Heath, Great Bend, Pa. Dustpan. 123,510; Nov. 12.
Prentiss Wabers Products Company. (See Sabins, R. C., and Nelson, assignors.)
Pressman, Jacob, New York, N. Y. Play table or the like. 120,139; Apr. 23.
Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric iron. 120,140; Apr. 23.
Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Mixer. 121,124; June 18.
Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Bread toaster. 121,169; June 25.
Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Washing machine. 123,917; Dec. 10.

Prezzi, Wilma, New York, N. Y. Dress ensemble. 122,222; Aug. 27.
Price, Blanche, Chicago, Ill. Dress. 124,156; Dec. 17.
Price, Charles, S., Hollis, N. Y. Decorative sheet of metal foil. 118,726; Jan. 30.
Price, David W., New York, N. Y. Dress. 119,924; Apr. 9.
Price, David W., New York, N. Y. Dress. 120,411; May 7.
Price, David W., New York, N. Y. Dress. 122,059; Aug. 20.
Price, David W., New York, N. Y. Dress. 122,060; Aug. 20.
Price, David W., New York, N. Y. Dress. 122,061; Aug. 20.
Price, David W., New York, N. Y. Dress. 122,062; Aug. 20.
Price, David W., New York, N. Y. Dress. 122,063; Aug. 20.
Price, David W., New York, N. Y. Dress. 122,064; Aug. 20.
Price, David W., New York, N. Y. Dress. 122,553; Sept. 10.
Price, David W., New York, N. Y. Dress. 122,554; Sept. 10.
Price, David W., New York, N. Y. Dress. 122,555; Sept. 10.
Price, David W., New York, N. Y. Dress. 123,004; Oct. 8.
Price, Donald F. (See Hollengreen, M. A., Balsiger, and Price.)
Price, James R., Cranston, assignor to Gorham Manufacturing Company, Providence, R. I. Spoon or other article of flatware. 118,946; Feb. 13.
Price, James R., Cranston, assignor to Gorham Manufacturing Company, Providence, R. I. Spoon or other article of flatware. 119,660; Mar. 26.
Price, James R., Cranston, assignor to Gorham Manufacturing Company, Providence, R. I. Spoon or other article of flatware. 120,230; Apr. 30.
Price, James R., Cranston, assignor to Gorham Manufacturing Company, Providence, R. I. Spoon or other article of flatware. 121,170; June 25.
Price, Ralph E. (See Hollengreen, M. A., and Price.)
Price, William R. (See Beck, L. L., and Price.)
Primavera, Victor, Providence, R. I. Brooch pin or similar article. 121,372; July 9.
Primavera, Victor, Providence, R. I. Brooch pin or similar article. 121,373; July 9.
Primavera, Victor, Providence, R. I. Brooch pin or similar article. 121,374; July 9.
Prince Castles Manufacturing Division. (See MacDougall, Robert, assignor.)
Princeton Knitting Mills, Incorporated. (See Doft, Max, assignor.)
Printasign Corporation of America. (See Reynolds, Milton, assignor.)
Productive Inventions, Inc. (See Anderson, John W., assignor.)
Pro-phy-lac-tic Brush Company. (See Bird, William C., assignor.)
Pro-phy-lac-tic Brush Company. (See Gustafson, Lewis H., assignor.)
Propper-McCallum Hosiery Co. Inc. (See Tobin, Clarke W., assignor.)
Prosperity Company, The. (See Downer, C. P., and Cooper, assignors.)
Proteau, André, New York, N. Y. Textile fabric or similar article. 124,108; Dec. 17.
Proteau, Andre, New York, N. Y., assignor to Belding-Heminway Co. Textile fabric. 124,408; Dec. 31.
Protectall Motor Signal, Inc. (See McCarthy, Timothy B., assignor.)
Proto, Frank, New York, N. Y. Evening wrap. 122,641; Sept. 17.
Prouty, Willis O., Hermosa Beach, Calif. Bowl or similar article. 120,513; May 14.
Prouty, Willis O., Hermosa Beach, Calif. Pitcher or similar article. 120,514; May 14.
Prouty, Willis O., Hermosa Beach, Calif. Flower bowl or similar article. 120,872; June 4.
Prouty, Willis O., Los Angeles, assignor to Metlox Manufacturing Company, Manhattan Beach, Calif. Bowl or similar article. 122,414; Sept. 10.
Prouty, Willis O., Hermosa Beach, assignor to Metlox Manufacturing Company, Manhattan Beach, Calif. Flower bowl or similar article. 124,201; Dec. 24.
Prouty, Willis O., Hermosa Beach, assignor to Metlox Manufacturing Company, Manhattan Beach, Calif. Flower bowl or similar article. 124,202; Dec. 24.
Prozan, Moses. (See Lackow, E., and Prozan.)
Prudden, Carol D., Montclair, N. J. Novelty pin or similar article. 123,276; Oct. 29.
Publix Metal Goods Corp. (See Goodman, William V., assignor.)
Pulver, Emil A., Bogota, N. J. Embroidered trimming. 120,818; May 28.
Pulver, Emil A., Bogota, N. J. Embroidered trimming. 120,819; May 28.
Pulver, Emil A., Bogota, N. J. Embroidered trimming. 120,820; May 28.
Punke, John J., Detroit, assignor to D. J. Crowley, Grosse Pointe, Mich. Combined lamp and radio receiving set. 118,504; Jan. 9.
Punke, John J., Detroit, assignor to D. J. Crowley, Grosse Pointe, Mich. Combined lamp and radio receiving set. 119,322; Mar. 5.
Punke, John J., Detroit, assignor to D. J. Crowley, Grosse Pointe, Mich. Combined lamp and radio receiving set. 120,017; Apr. 16.
Punzak, Joseph F. (See Levy, A., and Punzak.)
Quaker City Iron Works. (See Ziegler, Ralph B., assignor.)
Quaker Lace Company Inc. (See Miller, Walter C., assignor.)
Quaker Lace Company Inc. (See Otto, Ferdinand P., assignor.)
Quaker Lace Company Inc. (See Waterfield, James, assignor.)
Quennard, George H. (See Mancik, W., and Quennard.)
Quinn, Ada, Ogden, Utah. Apron. 122,556; Sept. 10.
Quirk Battery Company. (See Quirk, Wellington J., assignor.)
Quirk, Ralph A. (See Brandes, A., Quirk, and Burke.)
Quirk, Wellington J., Deerfield, assignor to Quirk Battery Company, Chicago, Ill. Battery charger. 122,945; Oct. 8.
R. S. V. Company. (See Roth, Stanley.)
Raab, Regina, Atlantic City, N. J. Sweater. 121,617; July 23.
Rackham, Leslie. (See Macdonald, C. H., and Rackham.)
Radford, Bernard, Chicago, Ill. Game board or the like. 118,451; Jan. 9.
Radiart Corporation, The. (See Wildberg, Leslie K., assignor.)
Radio Corporation of America. (See Suomala, John B., assignor.)
Rahner, George, assignor to H. Gleitsman, New York, N. Y. Hamper or similar article. 121,125; June 18.
Rahner, George, assignor to H. Gleitsman, New York, N. Y. Hamper or similar article. 121,126; June 18.
Rainbault, John P., Bridgeport, Conn., assignor to General Electric Company. Clock case. 118,834; Feb. 6.
Rainbault, John P., Bridgeport, Conn., assignor to General Electric Company. Clock case. 118,835; Feb. 6.
Rains, Solomon E., New York, N. Y. Head covering. 118,441; Jan. 2.
Ramey, Victor, Joplin, Mo. Mortise butt hinge. 121,197; June 25.
Ramhorst, William J., assignor to The Western Union Telegraph Company, New York, N. Y. Facsimile telegraph machine. 121,599; July 23.
Ramhorst, William J., New York, N. Y., and G. H. Ridings, Summit, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Facsimile telegraph machine. 121,544; July 16.
Ramney, Francis G. (See Rudman, E. G., and Ranney.)
Ramsey, Maxwell E., Clayton, Mo. Advertising display device. 118,566; Jan. 16.
Ramsey, Maxwell E., Clayton, Mo. Advertising display device. 118,986; Feb. 13.
Randall, Norman E., Shannock, R. I., assignor to Columbia Narrow Fabric Company. Elastic web fabric. 122,000; Aug. 20.
Ranuzzi, Mary, New York, N. Y. Dress. 122,186; Aug. 27.
Raphaels, Edwin, New York, N. Y. Textile fabric. 120,205; Apr. 23.
Raphaels, Edwin, New York, N. Y. Textile fabric. 122,618; Sept. 17.
Raphaels, Edwin, New York, N. Y. Textile fabric. 123,747; Nov. 26.
Rappaport, Jerry, assignor to Du Barry Novelty Co., New York, N. Y. Bracelet or similar article. 119,556; Mar. 19.
Rass, Maria, New York, N. Y. Appliqué monogram. 121,351; July 2.
Rauch, Nathan A., New York, N. Y. Dress. 119,557; Mar. 19.
Rauch, Nathan A., New York, N. Y. Coat. 121,755; July 30.
Rauch, Nathan A., New York, N. Y. Coat. 122,351; Sept. 3.
Rauch, Nathan A., New York, N. Y. Coat. 122,642; Sept. 17.
Rauch, Nathan A., New York, N. Y. Coat. 122,643; Sept. 17.
Rawlings, James W., Jacksonville, Ill. Scooter sled. 121,325; July 2.
Rawlings, James T., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Wire top for key chains or the like. 121,700; July 30.
Rawlings, James T., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Wire top for key chains or the like. 121,701; July 30.
Ray, Don, Beverly Hills, Calif. Protective hood for bottles and the like. 119,526; Mar. 19.
Ray, William A., Glendale, Calif. Wall plate for a remote control device or similar article. 121,702; July 30.
Raynolds, Richard B. (See McDonnell, J. B., and Raynolds.)
Rebechini, Guido, assignor to Hindu Incense Manufacturing Co., Chicago, Ill. Wall bracket. 124,042; Dec. 17.
Rebechini, Guido, assignor to Hindu Incense Manufacturing Co., Chicago, Ill. Wall bracket. 124,043; Dec. 17.
Rebhuhn, Anne, New York, N. Y. Dress. 118,602; Jan. 16.
Rebhuhn, Anne, New York, N. Y. Dress. 118,603; Jan. 16.

Rebhuhn, Anne, New York, N. Y. Dress. 118,907; Feb. 6.
Rebhuhn, Anne, New York, N. Y. Dress. 119,008; Feb. 13.
Rebhuhn, Anne, New York, N. Y. Dress. 119,009; Feb. 13.
Rebhuhn, Anne, New York, N. Y. Dress. 119,347; Mar. 5.
Rebhuhn, Anne, New York, N. Y. Dress. 119,458; Mar. 12.
Rebhuhn, Anne, New York, N. Y. Dress. 119,710; Mar. 26.
Rebhuhn, Anne, New York, N. Y. Dress. 119,711; Mar. 26.
Rebhuhn, Anne, New York, N. Y. Dress. 119,793; Apr. 2.
Rechlin, Gustav A., Chicago, Ill. Container cap. 120,451; May 7.
Recht, Bessie, assignor to Dorsa Dresses, Inc., St. Louis, Mo. Dress. 119,007; Feb. 13.
Recht, Bessie, assignor to Dorsa Dresses, Inc., St. Louis, Mo. Dress. 119,215; Feb. 27.
Reckendorf, Fredricka, New York, N. Y. Textile fabric. 124,109; Dec. 17.
Record Lace & Embroidery Company. (See Seidel, Martin, assignor.)
Rector, Walter W., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Ax or similar hand tool. 118,482; Jan. 9.
Rector, Walter W., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Ax or similar hand tool. 122,100; Aug. 20.
Rector, Walter W., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Hammer. 123,191; Oct. 22.
Redmond, Albert G., Flint, Mich. Casing for a blower for defrosting windshields. 118,964; Feb. 13.
Red Wing Potteries, Inc., The. (See Genter, Paul, H., assignor.)
Reed & Barton. (See Rivard, Charles A., assignor.)
Reed, Daniel E., assignor to Yankee Metal Products Corp., Norwalk, Conn. Combination lamp and mirror. 124,185; Dec. 24.
Reeder, Mary B., Miami, Fla. Doll. 123,066; Oct. 15.
Reedy, Robert E. (See Short, M., and Reedy.)
Reens, Erna, New York, N. Y. Flower trough or similar article. 123,786; Dec. 3.
Reeve, Edward L., Chicago, Ill. Lighting fixture. 124,078; Dec. 17.
Reeves, Herbert M., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Heater cabinet. 118,649; Jan. 23.
Reeves, Herbert M., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Grate for gas stove or the like. 122,275. Sept. 3.
Reeves, Herbert M., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Combined lamp, timer, and condiment holders for ranges. 123,114; Oct. 15.
Reeves, Leslie C. (See Longley, Herman V., assignor.)
Reeves, Ray R., Los Angeles, Calif. Shoe sole. 120,316; Apr. 30.
Reeves, Ray R., Los Angeles, Calif. Shoe sole. 120,317; Apr. 30.
Reeves, Ray R., Los Angeles, Calif. Shoe sole. 123,602; Nov. 19.
Reeves, Robert L., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Battery servicer. 121,019; June 11.
Reeves, Robert L., and R. W. Allen, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Display unit for spark plug testing and cleaning devices. 122,301; Sept. 3.
Regal Paper Company. (See Crate, Virginia H., assignor.)
Regan, Quinlan T., Chartley, assignor to Evans Case Company, North Attleboro, Mass. Lighter or the like. 121,020; June 11.
Regan, Quinlan T., Chartley, assignor to Evans Case Company, North Attleboro, Mass. Lighter or the like. 121,021; June 11.
Rehfeld, Earl R., Chicago, Ill. Metallic sealing strip. 119,661; Mar. 26.
Rehn, Carl F., assignor to The Rehn Company, Toledo, Ohio. Atomizer spray head. 119,503; Mar. 19.
Rehn Company, The. (See Rehn, Carl F., assignor.)
Reich, Harold A., New York, N. Y. Back panel for a fur coat. 119,828; Apr. 2.
Reich, Joseph, New York, N. Y. Christmas tree ornament. 123,843; Dec. 3.
Reichenbach, Howard F., assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Ash receiver. 124,409; Dec. 31.
Reilly, Alfred F., North Attleboro, Mass. Receptacle for cosmetics. 121,079; June 18.
Reilly, Alfred F., North Attleboro, Mass. Receptacle for cosmetics. 121,080; June 18.
Reilly, Alfred F., North Attleboro, Mass. Receptacle for cosmetics. 121,081; June 18.
Reilly, Alfred F., North Attleboro, Mass. Receptacle for cosmetics. 121,085; June 18.
Reilly, Alfred F., North Attleboro, Mass. Receptacle for cigarettes, cosmetics, and other articles. 123,639; Nov. 19.
Reilly, Alfred F., North Attleboro, Mass., assignor to Evans Case Company. Hand mirror frame or the like. 119,940; Apr. 16.
Reilly, Alfred F., North Attleboro, Mass., assignor to Evans Case Company. Hand mirror frame or the like. 120,716; May 21.
Reilly, Alfred F., North Attleboro, Mass., assignor to Evans Case Company. Cigarette case or the like. 121,078; June 18.
Reilly, William J., Attleboro, Mass., assignor to Evans Case Company. Lighter or the like. 119,820; Apr. 2.
Reilly, William J., North Attleboro, Mass., assignor to Evans Case Company. Handbag frame or the like. 120,595; May 14.
Reiman, Paul, New York, N. Y. Textile fabric. 122,854; Oct. 1.
Reiman, Paul, New York, N. Y. Textile fabric. 123,131; Oct. 15.
Reiman, Paul, New York, N. Y. Textile fabric. 123,132; Oct. 15.
Reiman, Paul, New York, N. Y., assignor to Belding-Heminway Co. Textile fabric. 124,359; Dec. 31.
Reiman, Paul, New York, N. Y., assignor to Belding-Heminway Co. Textile fabric. 124,360; Dec. 31.
Reiman, Paul, New York, N. Y., assignor to Belding-Heminway Co. Textile fabric. 124,361; Dec. 31.
Reiman, Paul, New York, N. Y. Textile fabric. 124,362; Dec. 31.
Reiman, Paul, New York, N. Y., assignor to Belding-Heminway Co. Textile fabric. 124,363; Dec. 31.
Reiman, Paul, New York, N. Y., assignor to Belding-Heminway Co. Textile fabric. 124,364; Dec. 31.
Reiman, Paul, New York, N. Y., assignor to Belding-Heminway Co. Textile fabric. 124,365; Dec. 31.
Reiman, Paul, New York, N. Y., assignor to Belding-Heminway Co. Textile fabric. 124,366; Dec. 31.
Reinecke, Jean O., Chicago, Ill., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Tape dispenser. 118,629; Jan. 23.
Reinecke, Jean O., Chicago, Ill., assignor to Dazey Churn & Manufacturing Company, St. Louis, Mo. Can opener. 118,947; Feb. 13.
Reinecke, Jean O., Chicago, Ill., assignor to Allen-Bradley Company, Milwaukee, Wis. Control station enclosure. 118,987; Feb. 13.
Reinecke, Jean O., assignor to The Bell & Howell Company, Chicago, Ill. Photographic camera case. 121,022; June 11.
Reinecke, Jean O., assignor to Continental Scale Corporation, Chicago, Ill. Weighing scale. 120,679; May 21.
Reinecke, Jean O., and J. F. Barnes, Chicago, assignors to McGraw Electric Company, Elgin, Ill. Casing side wall for a toaster or the like. 118,452; Jan. 9.
Reinecke, Jean O., and J. F. Barnes, Chicago, assignors to McGraw Electric Company, Elgin, Ill. Toaster. 118,453; Jan. 9.
Reinecke, Jean O., and J. F. Barnes, Chicago, assignors to McGraw Electric Company, Elgin, Ill. Carrying handle for waffle baker or the like. 118,506; Jan. 9.
Reinecke, Jean O., and J. F. Barnes, Chicago, assignors to McGraw Electric Company, Elgin, Ill. Lifting handle for waffle baker or the like. 118,507; Jan. 9.
Reinecke, Jean O., and J. F. Barnes, Chicago, assignors to McGraw Electric Company, Elgin, Ill. Dish. 118,508; Jan. 9.
Reinecke, Jean O., and J. F. Barnes, Chicago, assignors to McGraw Electric Company, Elgin, Ill. Dish. 118,509; Jan. 9.
Reinecke, Jean O., and J. F. Barnes, Chicago, assignors to McGraw Electric Company, Elgin, Ill. Tray. 118,510; Jan. 9.
Reinecke, Jean O., and J. F. Barnes, Chicago, assignors to McGraw Electric Company, Elgin, Ill. Toaster. 118,511; Jan. 9.
Reinecke, Jean O., and J. F. Barnes, Chicago, assignors to McGraw Electric Company, Elgin, Ill. Waffle baker. 119,282; Mar. 5.
Reinecke, Jean O., and J. F. Barnes, Chicago, assignors to McGraw Electric Company, Elgin, Ill. Waffle baker. 119,398; Mar. 12.
Reiner, Imre, Lagano, Switzerland, assignor to The Bauer Type Foundry, Inc., New York, N. Y. Printing type font. 120,356; May 7.
Reinfeld, Joseph H., Newark, N. J., assignor to Wilson Distilling Co. Inc., Bristol, Pa. Combined bottle pourer and cap therefor. 123,467; Nov. 5.
Reinstein, Harry, Bronx, N. Y. Bracelet. 119,188; Feb. 27.
Reinstein, Harry, New York, N. Y. Brooch or similar article. 120,693; May 21.
Reinstein, Harry, Bronx, N. Y. Necklace. 121,127; June 18.
Reisert, August D. (See Fox, A. P., and Reisert.)
Reisner, Lewis E., Dearborn, Mich., assignor to Aviation Manufacturing Corporation, Chicago, Ill. Cowling for an airplane engine. 119,677; Mar. 26.
Reisner, Lewis E., Dearborn, Mich., assignor to Aviation Manufacturing Corporation, Chicago, Ill. Airplane. 119,678; Mar. 26.
Reiter, Daniel I., New York, N. Y. Slide buckle. 121,618; July 23.
Reiter, Philip, New York, N. Y. Finger ring. 124,332; Dec. 31.
Remington, Leland F., assignor to Curtis & Marble Machine Company, Worcester, Mass. Sewing machine casing. 122,001; Aug. 20.

Remler, Albert B., Savannah, Ga. Counter or similar article. 120,018; Apr. 16.
Remy, William H., Indianapolis, Ind. Combined wall support and cover for an electric razor. 123,488; Nov. 12.
Renner, Anna P., Bethel, Conn. Thermometer case. 123,277; Oct. 29.
Rentner, Estelle, New York, N. Y. Dress. 122,415; Sept. 10.
Rentner, Estelle, New York, N. Y. Dress. 122,416; Sept. 10.
Rentner, Estelle, New York, N. Y. Dress. 122,448; Sept. 10.
Rentner, Estelle, New York, N. Y. Dress. 122,756; Sept. 24.
Rentner, Estelle, New York, N. Y. Dress. 122,802; Oct. 1.
Rentner, Estelle, New York, N. Y. Dress. 122,803; Oct. 1.
Rentner, Estelle, New York, N. Y. Dress. 122,986; Oct. 8.
Rentner, Estelle, New York, N. Y. Dress. 122,987; Oct. 8.
Rentner, Estelle, New York, N. Y. Dress. 123,016; Oct. 8.
Rentner, Estelle, New York, N. Y. Dress. 123,017; Oct. 8.
Rentner, Estelle, New York, N. Y. Dress. 123,018; Oct. 8.
Rentner, Estelle, New York, N. Y. Dress. 123,229; Oct. 22.
Rentner, Estelle, New York, N. Y. Dress. 123,323; Oct. 29.
Rentner, Estelle, New York, N. Y. Dress. 123,324; Oct. 29.
Rentner, Estelle, New York, N. Y. Dress. 123,325; Oct. 29.
Rentner, Estelle, New York, N. Y. Dress. 123,326; Oct. 29.
Rentner, Estelle, New York, N. Y. Dress. 123,787; Dec. 3.
Rentner, Estelle, New York, N. Y. Dress. 123,788; Dec. 3.
Research Foundation of Armour Institute of Technology. (See Poulter, Thomas C., assignor.)
Resnick, Joseph, New York, N. Y. Dress. 120,083; Apr. 16.
Ress, Maurice, Brooklyn, N. Y. Combined radio and lamp. 120,919; June 4.
Ressinger, Paul, assignor to Dudley Lock Corporation, Chicago, Ill. Combined dial and escutcheon for combination locks. 119,892; Apr. 9.
Rettich, Kurt, assignor to Keeler Brass Company, Grand Rapids, Mich. Handle for stoves or the like. 119,283; Mar. 5.
Revitz, Moris, New York, N. Y. Coat. 121,237; June 25.
Reynolds, Edwin, Vineland, N. J. Support for spectacle frames and ophthalmic mountings or similar articles. 118,712; Jan. 30.
Reynolds, Edwin, Vineland, N. J. Support for ophthalmic lenses and spectacle mountings or similar articles. 118,713; Jan. 30.
Reynolds, Edwin, Vineland, N. J. Attachment for ophthalmic spectacle mountings or similar articles. 121,637; July 23.
Reynolds, Edwin, Vineland, N. J. Temple member for spectacles or similar articles. 122,671; Sept. 24.
Reynolds, H. Lee. (See Wommer, Frederic, assignor.)
Reynolds, Milton, assignor to Printasign Corporation of America, Chicago, Ill. Advertising display stand. 118,584; Jan. 16.
Reynolds, Milton, assignor to Printasign Corporation of America, Chicago, Ill. Advertising display stand. 118,585; Jan. 16.
Rhodes, Gilbert J., New York, N. Y. Display card or similar article. 118,836; Feb. 6.
Rice, Henry W., East Boothbay, Maine. Combination can opener and handle. 121,901; Aug. 13.
Rice, John T., Brooklyn, N. Y. A safety hoisting hook. 124,260; Dec. 24.
Rice-Weiner & Company. (See Mark, Louis C., assignor.)
Rich, Cheri. (See Kelcey, F., and Rich.)
Richards, Julia, Brooklyn, N. Y. Dress ensemble. 124,110; Dec. 17.
Richards, Julia, Brooklyn, N. Y. Dress ensemble. 124,111; Dec. 17.
Richards, Julia, Brooklyn, N. Y. Dress ensemble. 124,186; Dec. 24.
Richardson, Max C., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Furnace body. 122,148; Aug 27.
Richman, Ruth, New York, N. Y. Dress. 120,607; May 14.
Richman, Ruth, New York, N. Y. Dress. 120,965; June 4.
Richman, Ruth, New York, N. Y. Dress ensemble. 121,060; June 11.
Richman, Ruth, New York, N. Y. Dress. 122,655; Sept. 17.
Richman, Ruth, New York, N. Y. Dress ensemble. 123,133; Oct. 15.
Richman, Ruth, New York, N. Y. Dress. 123,789; Dec. 3.
Richman, Sol, New York, N. Y. Dress ensemble. 118,541; Jan. 9.
Richman, Sol, New York, N. Y. Dress ensemble. 118,542; Jan. 9.
Riddle, Aubrey, Owensboro, Ky. Game board. 119,869; Apr. 9.
Rideout, John G., Cleveland, Ohio, assignor to Junior Toy Corporation, Hammond, Ind. Velocipede front fork. 118,837; Feb. 6.
Rideout, John G., Cleveland, Ohio, assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Casing for furnaces and stokers. 123,115; Oct. 15.
Rideout, John G., Cleveland, Ohio, assignor to Calumet Manufacturing Corporation, Hammond, Ind. Seat or like article. 123,573; Nov. 19.
Rideout, John G., Cleveland, Ohio, assignor to Calumet Manufacturing Corporation, Hammond, Ind. Arm rest or like article. 123,603; Nov. 19.
Rideout, John G., Cleveland, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire. 123,895; Dec. 10.
Rideout, John G., Cleveland, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire. 124,203; Dec. 24.
Rideout, John G., Cleveland, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire. 124,204; Dec. 24.
Ridings, Garvice H. (See Ramhorst, W. J., and Ridings.)
Rieger, Fred, Jamaica, assignor to W. M. Welling, New York, N. Y. Watch case. 119,558; Mar. 19.
Rieland, Jerome J., Los Angeles, Calif. Combined electric lamp casing and support. 123,763; Dec. 3.
Rifkin, Benjamin, New York, N. Y. Dress ensemble. 119,459; Mar. 12.
Rigaumont, Victor A., Pittsburgh, Pa. Theatre front. 120,788; May 28.
Rigby, Thomas S., Coconut Grove, assignor to L. Gebhart, Coral Gables, Fla. Siphon. 123,419; Nov. 5.
Riley, Frank H., New York, N. Y., assignor to American Type Founders, Inc., Elizabeth, N. J. Font of type. 120,694; May 21.
Rinaldi, Albert, and G. Pearson, New York, N. Y. Dress. 118,685; Jan. 23.
Rinaldi, Albert, and G. Pearson, New York, N. Y. Dress. 118,686; Jan. 23.
Riner, Earl P. (See Peo, R. F., and Riner.)
Ring, Sidney, New York, N. Y. Garment display stand or similar article. 122,046; Aug. 20.
Ringel, Bernard, New York, N. Y. Dress. 119,072; Feb. 20.
Ringel, Bernard, New York, N. Y. Dress. 119,229; Feb. 27.
Ringsrud, Arthur E., assignor to Continental Machines, Inc., Minneapolis, Minn. Combination surface and tool grinder. 119,639; Mar. 26.
Rink, Robert M., assignor to Goshen Manufacturing Company, Goshen, Ind. Gliding settee. 120,680; May 21.
Rink, Robert M., assignor to The Goshen Manufacturing Company, Goshen, Ind. Lawn settee. 123,278; Oct. 29.
Rioux, Joseph F., Attleboro, Mass. Display box. 119,599; Mar. 26.
Ripley, Duane L. (See MacFadden, G. E., and Ripley.)
Ripley, Duane L. (See Markel, M., and Ripley.)
Ritchie, William, Jr., Clifton, N. J. Wall paper. 123,343; Oct. 29.
Ritchie, William, Jr., Clifton, N. J. Wall paper. 123,489; Nov. 12.
Rittenhouse, A. E., Co., The. (See Grover, Frederic S., assignor.)
Rittenhouse, A. E., Co., The. (See Lord, Kenneth M., assignor.)
Rittenhouse, A. E., Co., The. (See Rittenhouse, Lloyd, assignor.)
Rittenhouse, Lloyd, assignor to The E. A. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Housing for signal devices. 118,866; Feb. 6.
Rittenhouse, Lloyd, assignor to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Signal device. 120,472; May 7.
Rittenhouse, Lloyd, assignor to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Chime signal. 123,061; Oct. 15.
Rittenhouse, Lloyd, assignor to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Chime signal. 123,062; Oct. 15.
Rittenhouse, Lloyd, assignor to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Chime signal. 123,063; Oct. 15.
Rittenhouse, Lloyd, assignor to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Chime signal housing. 123,064; Oct. 15.
Rittenhouse, Lloyd, assignor to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Chime signal housing. 123,065; Oct. 15.
Ritter, George, Millington, N. J., assignor to The Ruberoid Co., New York, N. Y. Asbestos-cement roof shingle or the like. 119,439; Mar. 12.
Ritz-Woller, Oliver C., Chicago, Ill. Road lamp for automotive vehicles. 119,527; Mar. 19.
Rival Manufacturing Company. (See Majewski, Joseph M., Jr.)
Rivard, Charles A., Providence, R. I., assignor to Reed & Barton, Taunton, Mass. Coffeepot or similar article. 120,141; Apr. 23.
Rivers, Mark W., Los Angeles, Calif. Coffee brewer stand. 123,019; Oct. 8.

Rizzuto, Charles, Brooklyn, N. Y. Combination stand for smokers. 123,091; Oct. 15.
Robert, Rene, assignor to Maison Paquin Ltd., Paris, France. Bottle. 121,286; July 2.
Roberts, Bernard. (See Turet, D., and Roberts.)
Roberts, Earla M. (See Smith, M. M., and Roberts, assignors.)
Roberts, Earla M., assignor to Armstrong Cork Company, Lancaster, Pa. Syringe bag or similar article. 123,681; Nov. 26.
Roberts, Fred L., Ferndale, Mich. Fuel pump light globe. 118,454; Jan. 9.
Roberts, Henry T., Barrington, assignor to J. P. Seeburg Corporation, Chicago, Ill. Cabinet for a loud speaker. 121,023; June 11.
Roberts, Weldon, Rubber Co. (See Henderson, Russell S., assignor.)
Robertson, Louis J., New York, N. Y. Pipe or similar article. 120,556; May 14.
Robertson, Louis J., New York, N. Y. Cigarette holder or similar article of manufacture. 123,936; Dec. 10.
Robins Conveying Belt Company. (See Fairbairn, John J., assignor.)
Robinson, Archie D., Westfield, Mass. Inkwell or the like. 118,567; Jan. 16.
Robinson, Frank A. Jr., assignor to D. B. Stewart, Providence, R. I. Brooch or similar article. 124,044; Dec. 17.
Robinson, Grace C., New York, N. Y. Wrapping paper. 121,050; June 11.
Robinson, Harry C., and T. F. Challis, assignors to American Manufacturing Company, Chattanooga, Tenn. Display stand. 122,172; Aug. 27.
Robinson, Hilyard R., Washington, D. C., and A. J. C. Knudstrup, Vienna, Va. Ceiling lamp. 119,794; Apr. 2.
Robinson, James, assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 123,005; Oct. 8.
Robinson, Joseph, New York, N. Y. Electric vaporizer. 119,010; Feb. 13.
Robinson, Joseph, New York, N. Y. Electric vaporizer. 120,531; May 14.
Robinson, Joseph, New York, N. Y. Electric vaporizer. 122,276; Sept. 3.
Robinson, Nettie, New York, N. Y. Pillow case or similar article. 124,157; Dec. 17.
Robinson, Richard R. Sr., Pueblo, and G. Lannon, Denver, Colo., assignors to The Colorado Fuel and Iron Corporation. Reflector post. 123,764; Dec. 3.
Robinton, Frank A., Hartford, Conn., assignor to Universal Camera Corporation, New York, N. Y. Camera. 119,941; Apr. 16.
Robsjohn-Gibbings, Terance H., assignor to John Frederics Inc., New York, N. Y. Hat display stand. 119,640; Mar. 26.
Robsjohn-Gibbings, Terance H., assignor to John Frederics Inc., New York, N. Y. Lighting fixture. 120,162; Apr. 23.
Roch, Joseph C., Providence, R. I. Puzzle. 118,838; Feb. 6.
Rochas. Marcel. Paris, France. Sunglasses. 119,073; Feb. 20.
Roché, Jean A., Dayton, Ohio. Airplane. 122,855; Oct. 1.
Rochester Button Company. (See Broderson, Neil O., assignor.)
Rochester Manufacturing Co. (See Ford, George E., assignor.)
Rocklin, Samuel, Duluth, Minn. Vending cabinet. 119,050; Feb. 20.
Rockola, David C., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph cabinet. 120,397; May 7.
Rockola, David C., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph cabinet. 120,398; May 7.
Rockola, David C., Chicago, Ill. Cabinet for remote control apparatus. 122,946; Oct. 8.
Rock-Ola Manufacturing Corporation. (See Rockola, David C., assignor.)
Rockwood, Earl L., Toledo, Ohio, assignor to G. D. Davis. Sprayer. 118,419; Jan. 2.
Rode, Fredrich J., and M. R. Hatch, Toledo, Ohio, assignors to E. W. Bliss Company, Brooklyn, N. Y. Press or the like. 119,983; Apr. 16.
Rodriguez, José, New York, N. Y. Brooch or similar article. 120,452; May 7.
Rodriguez, José, New York, N. Y. Brooch or similar article. 120,453; May 7.
Rodriguez, José, New York, N. Y. Brooch or similar article. 120,454; May 7.
Rodriguez, José, New York, N. Y. Brooch or similar article. 120,839; May 28.
Rodriguez, Joseph M., Brooklyn, N. Y. Scooter. 120,019; Apr. 16.
Rodriguez, Joseph M., Brooklyn, N. Y. Scooter. 123,628; Nov. 19.
Roedelheimer, Edgar, New York, N. Y. Pin clip. 124,392; Dec. 31.
Roedelheimer, Edgar, New York, N. Y. Pin clip. 124,446; Dec. 31.
Rogers, Emmett R., Chattanooga, Tenn. Confectionery booth. 121,794; Aug. 6.
Rogers, Jackson D. (See Rogers, Scott A., assignor.)
Rogers, Jackson D. (See Veit, Roland W., assignor.)
Rogers, John C., Chicago, assignor to Crown Stove Works, Cicero, Ill. Stove. 122,002; Aug. 20.
Rogers, John C., Chicago, assignor to Crown Stove Works, Cicero, Ill. Stove. 122,003; Aug. 20.
Rogers, John C., Chicago, assignor to Crown Stove Works, Cicero, Ill. Stove. 122,032; Aug. 20.
Rogers, Lunt & Bowlen Company. (See Koonz, Frederick W., assignor.)
Rogers, Margaret, Tinicum, Pa. Sweater. 119,907; Apr. 9.
Rogers, Paul M., Orange, Calif. Mop. 122,630; Sept. 17.
Rogers, Scott A., Shaker Heights, Ohio, assignor to Jackson D. Rogers, Bay Village, Ohio. Chair or similar article. 122,341; Sept. 3.
Rogers, Thomas L. C., London, Ontario, Canada. Air conditioning unit. 119,051; Feb. 20.
Rognoni, Jessie, New York, N. Y. Dress. 121,853; Aug. 6.
Rohrbach, John J., Rochester, assignor to Shuron Optical Company, Inc., Geneva, N. Y. Lens strap for spectacles or similar articles. 119,893; Apr. 9.
Rohrbach, John J., Rochester, assignor to Shuron Optical Company, Inc., Geneva, N. Y. Spectacle front. 120,357; May 7.
Rollocurl Corporation. (See Schlicker, Herman C., assignor.)
Rolph, Samuel W., Shaker Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery cover. 121,225; June 25.
Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Bowl for lighting fixtures. 123,765; Dec. 3.
Roman, John, Winchester, assignor to Trimmings, Inc., Lawrence, Mass. Shoe. 120,515; May 14.
Roman, John, Winchester, assignor to Trimmings, Inc., Lawrence, Mass. Shoe. 120,516; May 14.
Romanelli, Carl, Los Angeles, assignor to Metlox Manufacturing Company, Manhattan Beach, Calif. Vase or similar article. 121,902; Aug. 13.
Romanelli, Carl, Los Angeles, assignor to Metlox Manufacturing Company, Manhattan Beach, Calif. Vase or similar article. 122,449; Sept. 10.
Romanelli, Carl, Los Angeles, assignor to Metlox Manufacturing Company, Manhattan Beach, Calif. Vase or similar article. 124,187; Dec. 24.
Romm, Joseph, New York, N. Y. Slipper or similar article. 118,483; Jan. 9.
Rona, Inc. (See Nathan, Robert C., assignor.)
Roper, Geo. D., Corporation. (See Collier, Winthrop F., assignor.)
Roper, Geo. D., Corporation. (See Hennessy, John F., assignor.)
Roper, Geo. D., Corporation. (See Hobson, Stanley H., assignor.)
Roper, Geo. D., Corporation. (See Pellegrin, Elmer D., assignor.)
Roschen, William E., et al. (See Biva, Lucien, assignor.)
Roschen, William E., et al., co-executors. (See Biva, Lucien.)
Rose, Felicia L., New York, N. Y. Dress. 119,216; Feb. 27.
Roselund, Harold A., assignor to The De Vilbiss Company, Toledo, Ohio. Combined air cleaner and regulator. 121,574; July 23.
Roselund, Harold A., assignor to The De Vilbiss Company, Toledo, Ohio. Pan greasing machine. 122,947; Oct. 8.
Rosen, Abraham H., New York, N. Y. Hat. 122,631; Sept. 17.
Rosen, Abraham, New York, N. Y. Hat. 123,725; Nov. 26.
Rosen, Abraham, New York, N. Y. Hat. 123,726; Nov. 26.
Rosen, Arthur, Roxbury, Mass. Dress ensemble. 119,323; Mar. 5.
Rosen, Arthur, Roxbury, Mass. Coat. 120,206; Apr. 23.
Rosen, Arthur, Roxbury, Mass. Dress. 120,304; Apr. 30.
Rosen, Arthur, Roxbury, Mass. Redingote. 120,427; May 7.
Rosen, Arthur, Roxbury, Mass. Dress. 123,344; Oct. 29.
Rosen, Arthur, Roxbury, Mass. Dress ensemble. 123,368; Oct. 29.
Rosen, Arthur, Roxbury, Mass. Dress. 123,369; Oct. 29.
Rosen, Arthur, Roxbury, Mass. Dress. 123,629; Nov. 19.
Rosen, Sydelle, New York, N. Y. Dress ensemble. 118,428; Jan. 2.
Rosen, Sydelle, New York, N. Y. Dress ensemble. 119,074; Feb. 20.
Rosen, Sydelle, New York, N. Y. Dress ensemble. 119,120; Feb. 20.
Rosen, Sydelle, New York, N. Y. Dress ensemble. 119,145; Feb. 20.
Rosen, Sydelle, New York, N. Y. Dress ensemble. 119,534; Mar. 19.
Rosen, Sydelle, New York, N. Y. Coat. 120,100; Apr. 16.
Rosen, Sydelle, New York, N. Y. Dress. 122,233; Aug. 27.
Rosen, Sydelle, New York, N. Y. Dress ensemble. 122,234; Aug. 27.
Rosen, Sydelle, New York, N. Y. Dress ensemble. 122,235; Aug. 27.
Rosen, Sydelle, New York, N. Y. Dress. 122,856; Oct. 1.
Rosenberg, Arthur A., Woodmere, N. Y. Combined compact, memo pad and pencil. 119,284; Mar. 5.

Rosenberg, Eli, New York, N. Y. Handbag. 119,146; Feb. 20.
Rosenblatt, Louis, New York, N. Y. Textile fabric or similar article. 119,460; Mar. 12.
Rosenbloom, Irving, New York, N. Y. Knife. 121,306; July 2.
Rosener, Jane, New York, N. Y. Wedding dress ensemble. 119,535; Mar. 19.
Rosenfeld, Harry, Inc. (See Brody, Benjamin R., assignor.)
Rosengren, Herbert. (See Jensen, T., and Rosengren.)
Rosenheimer, Adolph L., Jr., assignor to Kewaskum Aluminum Company, Kewaskum, Wis. Cooking pan or similar article. 119,504; Mar. 19.
Rosenshein, Philip, New York, N. Y. Coat. 121,929; Aug. 13.
Rosenshein, Philip, New York, N. Y. Coat. 121,930; Aug. 13.
Rosenshein, Philip, New York, N. Y. Coat. 122,644; Sept. 17.
Rosenstein, Aaron, New York, N. Y. Textile fabric or similar article. 121,795; Aug. 6.
Rosenstein, Nettie, New York, N. Y. Dress. 123,944; Dec. 10.
Rosenstein, Nettie, New York, N. Y. Dress. 123,945; Dec. 10.
Rosenstein, Nettie, New York, N. Y. Dress. 123,946; Dec. 10.
Rosenstein, Nettie, New York, N. Y. Dress or similar article. 124,079; Dec. 17.
Rosenstein, Nettie, New York, N. Y. A dress ensemble. 124,261; Dec. 24.
Rosenstein, Nettie, New York, N. Y. Dress or similar article. 124,447; Dec. 31.
Rosenthal, Manuel G., and H. B. Levy, New York, N. Y. Headdress. 123,020; Oct. 8.
Rosenthal, Manuel G., and H. B. Levy, New York, N. Y. Chenille headdress. 123,134; Oct. 15.
Rosenthal, Samuel W., New York, N. Y. Therapeutic lamp. 120,318; Apr. 30.
Rosenthal, William C. (See Baker, D. B., Rosenthal, and Koeber.)
Rosenthal, William H. (See Hurlin, W. H., and Rosenthal.)
Rosenzweig, Arthur, New York, N. Y. Coat. 119,011; Feb. 13.
Ross, Eugene S., New York, N. Y. Textile fabric. 120,274; Apr. 30.
Rosser, Bertram, Buffalo, N. Y. Game piece or the like. 119,189; Feb. 27.
Rost, Katheryn, New York, N. Y. Dress. 118,435; Jan. 2.
Rost, Katheryn, New York, N. Y. Dress. 118,908; Feb. 6.
Rost, Katheryn, New York, N. Y. Dress. 119,075; Feb. 20.
Rost, Katheryn, New York, N. Y. Dress. 119,925; Apr. 9.
Rost, Katheryn, New York, N. Y. Dress. 120,207; Apr. 23.
Rost, Katheryn, New York, N. Y. Dress. 121,257; June 25.
Rost, Katheryn, New York, N. Y. Dress. 121,258; June 25.
Rost, Katheryn, New York, N. Y. Dress. 122,845; Oct. 1.
Rost, Katheryn, New York, N. Y. Dress. 122,880; Oct. 1.
Rost, Katheryn, New York, N. Y. Dress. 122,881; Oct. 1.
Rost, Katheryn, New York, N. Y. Dress. 122,882; Oct. 1.
Rost, Katheryn, New York, N. Y. Dress. 123,371; Oct. 29.
Roston, Raphael L. (See Bennett, George, assignor.)
Roth, Bernard, St. Louis, Mo. Dress. 119,461; Mar. 12.
Roth, Bernard S., St. Louis, Mo. Dress. 123,135; Oct. 15.
Roth, Lester B., assignor to The Eclipse Lawn Mower Company, Prophetstown, Ill. Handle for hand or power mower. 123,313; Oct. 29.
Roth, Stanley, Scarsdale, N. Y., assignor to S. Roth, J. B. Sheftel, and J. E. Van Eenenaam, co-partners, doing business as R. S. V. Company. Game board. 119,505; Mar. 19.
Roth, William S., assignor of one-half to L. E. Arzt, New York, N. Y. Clock or similar article. 123,181; Oct. 22.
Rothchild, Aaron, New York, N. Y. Hat. 123,345; Oct. 29.
Rothenbush, Ray E., Los Angeles, Calif., assignor of one-half to B. Druding, Indianapolis, Ind. Ice cream dipper. 118,604; Jan. 16.
Rothman, Charles, Cleveland Heights, assignor to Briarwood Corporation, Cleveland, Ohio. Pipe. 120,275; Apr. 30.
Rothstein, Dorothy, New York, N. Y. Dress. 118,783; Jan. 30.
Rothwell, Arthur B. R., Lisheen, Danbury, near Chelmsford, England. Combined spout and closure for bottles. 121,326; July 2.
Rous, Arthur, New York, N. Y. Display box. 120,873; June 4.
Rousseau, Raymon E. (See Strauss, L. J., and Rousseau.)
Rovet Inc. (See Guhl, Maclyn, assignor.)
Rowe Manufacturing Co. (See Gabrielsen, Christian, assignor.)
Rowell, Joseph C. N., et al. (See Hubbard, Alfred W., assignor.)
Rowell, Theodore H., et al. (See Hubbard, Alfred W., assignor.)
Roy, Vernon R. (See Blazek, J. Y., and Roy.)
Royal Bond, Inc. (See Landau, A. E., and Schaefer, assignors.)
Rubel, Max J., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control desk. 121,327; July 2.
Ruberoid Co., The. (See Ritter, George, assignor.)
Rubin, Harry, New York, N. Y. Combined cigarette dispenser and clock. 118,568; Jan. 16.
Rubin, Harry, New York, N. Y. Combined cigarette dispenser and clock. 118,569; Jan. 16.
Rubin, Harry, New York, N. Y. Textile fabric. 119,679; Mar. 26.
Rubin, Harry, New York, N. Y. Cigarette dispenser. 120,874; June 4.
Rubin, Harry, New York, N. Y. Cigarette dispenser. 120,920; June 4.
Rubin, Harry, New York, N. Y. Cigarette dispenser. 120,921; June 4.
Rubin, Harry, New York, N. Y. Combined cigarette dispenser and article support. 120,922; June 4.
Rubin, Herbert, Brooklyn, N. Y. Bottle holder. 120,049; Apr. 16.
Rubin, Herbert, Brooklyn, N. Y. Bottle holder. 122,417; Sept. 10.
Rubin, Jack, New York, N. Y. Textile fabric. 118,673; Jan. 23.
Rubin, Jack, New York, N. Y. Textile fabric. 118,674; Jan. 23.
Rubin, Jack, New York, N. Y. Textile fabric. 118,909; Feb. 6.
Rubin, Jack, New York, N. Y. Textile fabric. 118,910; Feb. 6.
Rubin, Jack, New York, N. Y. Textile fabric. 119,029; Feb. 13.
Rubin, Jack, New York, N. Y. Textile fabric. 121,903; Aug. 13.
Rubin, Jack, New York, N. Y. Textile fabric. 121,904; Aug. 13.
Rubin, Jack, New York, N. Y. Textile fabric. 124,112; Dec. 17.
Rubin, Morris, Chicago, Ill. Woman's dress. 120,180; Apr. 23.
Rubin, Morris, Chicago, Ill. Woman's slack suit. 120,319; Apr. 30.
Rubin, Morris, Chicago, Ill. Playsuit ensemble. 123,246; Oct. 22.
Rubin, Nat, New York, N. Y. Dress. 120,173; Apr. 23.
Rubin, Nat, New York, N. Y. Dress. 120,181; Apr. 23.
Rubin, Nat, New York, N. Y. Dress. 120,412; May 7.
Rubin, Nat, New York, N. Y. Dress. 124,421; Dec. 31.
Rubin, Samuel, New York, N. Y. Pin clip. 123,216; Oct. 22.
Rubinstein, Ben, New York, N. Y. Fluorescent lighting fixture. 122,694; Sept. 24.
Rubinstein, Ben, New York, N. Y. Fluorescent lighting fixture. 123,067; Oct. 15.
Ruchman, Albert, New York, N. Y. Dress. 119,579; Mar. 19.
Ruchman, Albert, New York, N. Y. Dress. 119,580; Mar. 19.
Ruchman, Albert, New York, N. Y. Dress ensemble. 120,413; May 7.
Ruchman, Albert, New York, N. Y. Dress. 122,322; Sept. 3.
Ruchman, Albert, New York, N. Y. Dress. 122,521; Sept. 10.
Ruchman, Samuel, New York, N. Y. Dress. 120,608; May 14.
Ruchman, Samuel, New York, N. Y. Dress. 120,966; June 4.
Ruchman, Samuel, New York, N. Y. Dress. 122,557; Sept. 10.
Ruchman, Samuel, New York, N. Y. Dress. 124,480; Dec. 31.
Ruchman, Simon, New York, N. Y. Dress. 119,476; Mar. 12.
Ruchman, Simon, New York, N. Y. Dress. 119,477; Mar. 12.
Ruchman, Simon, New York, N. Y. Dress. 119,478; Mar. 12.
Ruchman, Simon, New York, N. Y. Dress. 119,479; Mar. 12.
Rude, Julian E., Rhinelander, Wis. Kitchen fork. 118,714; Jan. 30.
Rudman, Edward G., Nashua, and F. G. Ranney, Hudson, N. H. Table. 119,462; Mar. 12.
Rudolph, Chester A., Minneapolis, Minn. Air conditioning control. 122,928; Oct. 8.
Rudolph, Maxwell A., Philadelphia, Pa. Dress. 121,259; June 25.
Rudolph, Maxwell A., Philadelphia, Pa. Dress ensemble. 121,638; July 23.
Ruehl, Henrietta A., New York, N. Y. Over-dress ensemble or similar article. 123,314; Oct. 29.
Ruhroth, Frederic, assignor to Continental Elastic Corporation, New Bedford, Mass. Elastic fabric. 122,208; Aug. 27.
Rupe, Guy O., Hillsboro, Ill. Miniature baseball game board. 124,045; Dec. 17.
Ruppel, Frederick. (See Beach, J. M., and Ruppel.)

Ruppel, Frederick C., Grand Rapids, Mich., assignor to Wheary Trunk Company, Racine, Wis. Traveling case. 121,619; July 23.
Rush, Harry A., Los Angeles, Calif. Electric hot water heater. 123,420; Nov. 5.
Ruskin, Henry, assignor to Metal Specialties Manufacturing Co., Chicago, Ill. Stapler. 120,898; June 4.
Russakov Can Company. (See Panzer, William C., assignor.)
Russell, Daniel D., New York, N. Y. Soap buoy or similar article. 122,728; Sept. 24.
Russell, Linus E., Springfield, Ohio. Exhaust pipe extension. 121,545; July 16.
Russell, Linus E., assignor to Peters and Russell, Inc., Springfield, Ohio. Exhaust pipe extension. 124,393; Dec. 31.
Russell, William J., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Electric range. 118,793; Jan. 30.
Russell, William J., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Combined electric washing machine and wringer. 119,440; Mar. 12.
Russell, William J., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Electric range. 119,559; Mar. 19.
Russell, William J., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Electric range. 119,942; Apr. 16.
Russell, William J., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Cover for an electric roaster or the like. 121,575; July 23.
Rutenber, Edwin A., assignor to Gibson Electric Refrigerator Corp., Greenville, Mich. Range. 121,796; Aug. 6.
Ruth, Rita G., Flushing, N. Y. Statuette or similar article. 118,570; Jan. 16.
Ruth, Rodney, assignor to Charles Schwartz & Company, Chicago, Ill. Dish towel or similar article. 119,767; Apr. 2.
Ruth, Rodney, assignor to Charles Schwartz & Company, Chicago, Ill. Dish towel or similar article. 119,768; Apr. 2.
Ruth, Rodney, assignor to Charles Schwartz & Company, Chicago, Ill. Dish towel or similar article. 119,769; Apr. 2.
Ruth, Rodney, assignor to Charles Schwartz & Company, Chicago, Ill. Dish towel or similar article. 119,770; Apr. 2.
Ruth, Rodney, assignor to Charles Schwartz & Company, Chicago, Ill. Dish towel or similar article. 119,771; Apr. 2.
Ruth, Rodney, assignor to Charles Schwartz & Company, Chicago, Ill. Dish towel or similar article. 119,772; Apr. 2.
Ruth, Rodney, assignor to Charles Schwartz & Company, Chicago, Ill. Dish towel or similar article. 119,773; Apr. 2.
Rutledge, George, Company. (See Lippincott, Joshua G., assignor.)
Rutledge, Harry E., Dormont, Pa. Lighting fixture or similar article. 118,988; Feb. 13.
Rutledge, Robert G., Ann Arbor, Mich. Stove. 123,327; Oct. 29.
Ryan, Dennis F., Belmont, Mass. Doll. 118,948; Feb. 13.
Ryker, Harrison C., Oakland, Calif. Pocket stereoscope. 124,046; Dec. 17.
Ryker, Harrison C., Oakland, Calif. Portable mirror-stereoscope assembly. 124,240; Dec. 24.
Saaf, Dirk G., assignor to Goodrich Electric Company, Chicago, Ill. Reflector for lighting fixtures. 120,020; Apr. 16.
Saaf, Dirk G., assignor to Goodrich Electric Company, Chicago, Ill. Reflector. 120,021; Apr. 16.
Sabatino, Lillian, Brooklyn, N. Y. Dress. 124,113; Dec. 17.
Sabins, Rolland C., Wisconsin Rapids, Wis. Grille for stoves or the like. 120,923; June 4.
Sabins, Rolland C., Wisconsin Rapids, Wis. Electric fan unit. 123,656; Nov. 19.
Sabins, Rolland C., and A. Nelson, assignors to Prentiss Wabers Products Company, Wisconsin Rapids, Wis. Camp stove. 123,421; Nov. 5.
Sacheroff, Maurice, Cleveland Heights, Ohio. Combined collapsible baby walker and carriage. 119,641; Mar 26.
Sacksteder, Overton, Jr., Muncie, Ind. Lamp shade. 123,766; Dec. 3.
Sadiker, Adolph H., New York, N. Y. Coat. 118,390; Jan. 2.
Sadinoff, Max, Bronx, N. Y. Textile fabric or similar article. 121,774; Aug. 6.
Sadinoff, Max, Bronx, N. Y. Textile fabric or similar article. 121,775; Aug. 6.
Sadinoff, Max, Bronx, N. Y. Textile fabric or similar article. 121,776; Aug. 6.
Sadinoff, Max, Bronx, N. Y. Textile fabric or similar article. 121,777; Aug. 6.
Sadinoff, Max, Bronx, N. Y. Curtain fabric or similar article. 121,797; Aug. 6.
Sadinoff, Max, Bronx, N. Y. Textile fabric or similar article. 121,854; Aug. 6.
Sadinoff, Max, Bronx, N. Y. Textile fabric or similar article. 121,855; Aug. 6.
Sadinoff, Max, Bronx, N. Y. Curtain or similar article. 121,931; Aug. 13.
Saffell, Harold V., Los Angeles, Calif. Blade sharpener. 123,490; Nov. 12.
Saffell, Harold V., assignor to Tetco Co., Los Angeles, Calif. Fire extinguisher or similar article. 121,620; July 23.
Saffir, Jacob A. (See La Due, J. B., and Saffir.)
Safway Steel Scaffolds Co. of Wisconsin. (See Uecker, R. A., Beatty, and Oertle, assignors.)
Sagamor Metal Goods Corporation. (See Landwehr, Richard F., assignor.)
Sager & Karr, Inc. (See Karr, Bernard, assignor.)
St. Thomas, William H., Gloversville, N. Y. Billfold. 123,328; Oct. 29.
St. Onge, Walter J., assignor to The Torrington Company, Torrington, Conn. Cycle pedal. 121,499; July 16.
Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Package envelope or similar article. 118,989; Feb. 13.
Saliba, Edward M., Lawrence, and M. C. Vincent, Lynn, Mass. Portable saw. 123,230; Oct. 22.
Salomon, Irving, Michigan City, Ind. Stand. 118,484; Jan. 9.
Salomon, Irving, Michigan City, Ind. Stand. 118,485; Jan. 9.
Salomon, Irving, Michigan City, Ind. Chair. 123,353; Oct. 29.
Saltarelli, Dominick, Chicago, Ill. Pin clip or similar article. 120,246; Apr. 30.
Saltarelli, Dominick, Chicago, Ill. Pin clip or similar article. 120,247; Apr. 30.
Salvatore, Roland. (See Kende, G., and Salvatore.)
Salzenstein, Arnold R., Peoria, Ill. Blouse. 122,972; Oct. 8.
Salzman, Joseph, New York, N. Y. Dress ensemble. 122,522; Sept. 10.
Sampsel, Arthur V., assignor to Sampsel Time Control, Inc., Mendota, Ill. Air conditioning control. 121,001; June 11.
Sampsel Time Control, Inc. (See Sampsel, Arthur V., assignor.)
Samson-United Corporation. (See Samuels, Abe O., assignor.)
Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Electric heater. 120,387; May 7.
Samuels, Cecelia, New York, N. Y. Dress. 124,008; Dec. 10.
Samuels, Florence, New York, N. Y. Combined perfume bottle and sachet pads display, and transparent container therefor. 118,839; Feb. 6.
Samuelson, Milton, Brooklyn, N. Y. Plastic sheet or similar article. 120,305; Apr. 30.
Sand, Charles H., Jr., Willoughby, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing machine. 123,918; Dec. 10.
Sand, John, assignor to Gemex Company, Newark, N. J. End link for a watch bracelet or the like. 123,682; Nov. 26.
Sand, John, assignor to Gemex Company, Newark, N. J. End link for watch bracelets or the like. 123,683; Nov. 26.
Sand, John, assignor to Gemex Company, Newark, N. J. Watch bracelet. 123,684; Nov. 26.
Sandberg, Ray A., Waukegan, Ill., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Hand brake lever or similar article. 120,111; Apr. 23.
Sandberg, Ray A., Waukegan, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever. 121,600; July 23.
Sandejas, José P., Manila, P. I. Ashtray. 119,206; Feb. 27.
Sandejas, Jose P., assignor of one-tenth to M. Lim, Manila, P. I. Automobile direction indicator. 118,745; Jan. 30.
Sanders, Altina, New York, N. Y. Spectacle frame. 118,391; Jan. 2.
Sanders, James J., Nashville, Tenn. Game board. 121,375; July 9.
Sandin, Herberg J., and H. H. Hait, McKeesport, Pa. Building. 121,213; June 25.
Sandstrom, Arthur W. (See Larsen, Andrew C., assignor.)
Sandy, William A., assignor to Duro Metal Products Company, Chicago, Ill. Battery pliers. 119,441; Mar. 12.
Sanford, Roy S., Oakville, Conn. Soap dish or similar article. 121,398; July 9.
Sanford, Roy S., Oakville, Conn. Soap dish or similar article. 121,399; July 9.
Sanford, Roy S., Oakville, Conn. Water closet. 123,702; Nov. 26.
Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Detachable towel rack or similar article. 118,630; Jan. 23.
Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Detachable towel rack or similar article. 118,631; Jan. 23.
Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Detachable towel rack or similar article. 118,632; Jan. 23.
Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Detachable towel rack or similar article. 118,633; Jan. 23.

Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Combination tumbler and toothbrush holder. 124,205; Dec. 24.
Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Combination tumbler and toothbrush holder. 124,206; Dec. 24.
Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Combined wall ash tray and support therefor. 124,410; Dec. 31.
San Francisco Bay Exposition. (See Cavagnaro, Milton D., assignor.)
Sannar, Ray E., Elyria, Ohio. Rubber sole. 122,130; Aug. 27.
Sannar, Ray E., Elyria, Ohio. Rubber heel. 122,131; Aug. 27.
Sapienza, Diana A., New York, N. Y. Dress. 118,784; Jan. 30.
Sardu, Anthony, Brooklyn, N. Y. Sewing machine. 123,985; Dec. 10.
Sargent, Charles F., assignor to Sargent & Company, New Haven, Conn. Plaque or similar article. 122,501; Sept. 10.
Sargent & Company. (See Sargent, Charles F., assignor.)
Sargent, Edgar H., and A. G. Alex, Evanston, Ill. Vending machine. 122,672; Sept. 24.
Sauer, Harold R., Hazardville, assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Floor covering or the like. 121,905; Aug. 13.
Saulsbury, Lawrence W., Valley Stream, assignor to Eagle Pencil Company, New York, N. Y. Mechanical pencil or similar article. 120,899; June 4.
Saunders, Albert, Barbourville, Ky. Boat. 121,214; June 25.
Saunders, Albert F., Syracuse, N. Y. Combination adhesive tape holder and dispenser. 121,400; July 9.
Saunders, Albert F., Syracuse, assignor to T. N. Benedict Manufacturing Company, East Syracuse, N. Y. Drink mixer. 123,104; Oct. 15.
Saunders, Will, New York, N. Y. Dress. 123,231; Oct. 22.
Saunders, Will, New York, N. Y. Dress. 123,232; Oct. 22.
Savage, Edward S., Rochester, N. Y. Toy figure. 120,653; May 21.
Savage, Edward S., Rochester, N. Y. Toy figure. 120,654; May 21.
Sawyer, Charles, Toledo, Ohio. Candle holder. 122,587; Sept. 17.
Sawyer, Charles, assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 118,650; Jan. 23.
Sawyer, Charles, assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 118,651; Jan. 23.
Sawyer, Charles, assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 118,652; Jan. 23.
Sawyer, Charles, assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 118,653; Jan. 23.
Sawyer, Charles, assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 118,654; Jan. 23.
Sawyer, Charles, assignor to Libbey Glass Company, Toledo, Ohio. Vase. 119,642; Mar. 26.
Sawyer, Charles, assignor to Libbey Glass Company, Toledo, Ohio. Vase. 119,643; Mar. 26.
Sawyer, Charles, assignor to Libbey Glass Company, Toledo, Ohio. Bowl. 122,173; Aug. 27.
Sawyer, Charles, assignor to Libbey Glass Company, Toledo, Ohio. Cocktail glass or similar article. 124,225; Dec. 24.
Sayre, Mark E., Westlake, Oreg. Shaving cup. 120,978; June 11.
Sbicca, Arthur, New York, N. Y. Shoe. 120,248; Apr. 30.
Scalamandré, Franco, assignor to Scalamandre Silks, Inc., New York, N. Y. Textile fabric. 120,186; Apr. 23.
Scalamandre Silks, Inc. (See Scalamandré, Franco, assignor.)
Scappaticcio, Vincent, New York, N. Y. Combination evening and street dress. 118,392; Jan. 2.
Scarratt, Albert W., Kenilworth, Ill., Raymond Loewy, New York, N. Y., and William H. Harstick, Richmond, Ind., assignors to International Harvester Company. Cream separator. 122,277; Sept. 3.
Scattergood, George M., assignor to Armstrong Cork Co., Lancaster, Pa. Dropper bulb or similar article. 122,638; Sept. 17.
Schachte, John A., Brooklyn, N. Y. Lamp. 118,571; Jan. 16.
Schaefer, Edward A. (See Serre, M., Hewett, and Schaefer.)
Schaefer, F. & M., Brewing Company, The. (See Austin, Joseph, assignor.)
Schaefer, Wilbert F. (See Landau, A. E., and Schaefer.)
Schaeffer, Frances, Los Angeles, Calif. Chenille robe. 121,932; Aug. 13.
Schaeffer, Jacob H., Brooklyn, N. Y. Gem setting for finger ring and the like. 121,128; June 18.
Schaffer, Edward A., Springfield, assignor to Hampden Specialty Products, Inc., Easthampton, Mass. Magazine rack or the like. 119,560; Mar. 19.
Schafhausen, Ludwig, Minneapolis, Minn. Christmas crib. 123,192; Oct. 22.
Schapiro, Cele, New York, N. Y. Hat. 124,158; Dec. 17.
Scharfenberg, George T., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Food mixer. 120,358; May 7.
Scharfenberg, George T., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Control knob for food mixer or the like. 120,359; May 7.
Scharfenberg, George T., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Combined demonstrating and display case unit for an electric razor or the like. 123,820; Dec. 3.
Scharfenberg, George T., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Electric razor demonstrating unit. 123,821; Dec. 3.
Scharlott, Jack, New York, N. Y. Wedding gown. 119,348; Mar. 5.
Scharlott, Jack, New York, N. Y. Wedding gown. 123,790; Dec. 3.
Schatzberg, Moe, New York, N. Y. Coat. 119,230; Feb. 27.
Scheerer, Paul R., West Orange, assignor to Newark Milk & Cream Co., Newark, N. J. Building. 120,629; May 21.
Scheidacker, Hans T., Brooklyn, assignor to Davart Incorporated, New York, N. Y. Electric lamp. 122,588; Sept. 17.
Scheider, Arline M., Los Angeles, Calif. Building. 121,100; June 18.
Scheinhorn, Arthur, New York, N. Y. Coat. 119,349; Mar. 5.
Schenker, Adolph, New York, N. Y. Handbag or the like. 119,147; Feb. 20.
Schenker, Adolph, New York, N. Y. Handbag or the like. 119,148; Feb. 20.
Schenker, Adolph, New York, N. Y. Handbag or the like. 119,198; Feb. 27.
Schenley Distillers Corporation. (See Du Pree, Ernest L., assignor.)
Schenley Distillers Corporation. (See Lorenzen, Arnold I., assignor.)
Schepman, Willis G. (See Pierson, R. C., and Schepman.)
Schepp, William J., Ridgewood, N. J. Cleansing film dispenser or similar article. 121,002; June 11.
Schepp, William J., Ridgewood, N. J. Cleansing-film dispenser or similar article. 121,171; June 25.
Scherer, August I., Elm Grove, Wis. Shoe. 121,340; July 2.
Schiaparelli, Elsa, New York, N. Y. Hat. 123,136; Oct. 15.
Schick Dry Shaver, Inc. (See Loewy, Raymond F., assignor.)
Schiewe, Edward A., Park Ridge, Ill. Bacon slicing machine cover. 119,217; Feb. 27.
Schiewe, Edward A., Park Ridge, Ill. Combined bacon slicing and wrapping table. 119,218; Feb. 27.
Schiff, Henry T., Chicago, Ill. Pipe. 121,524; July 16.
Schiff, Henry T., Chicago, Ill. Dry shaver. 121,906; Aug. 13.
Schiff, Henry T., Chicago, Ill. Pipe. 121,933; Aug. 13.
Schiff, Henry T., Chicago, Ill. Pipe. 121,934; Aug. 13.
Schiff, Henry T., Chicago, Ill. Pipe. 121,935; Aug. 13.
Schiffman, Selma, Brooklyn, N. Y. Textile fabric or similar article. 121,639; July 23.
Schillace, Anthony, and W. J. Daily, Girard, Pa., assignors to Louis Marx & Company, Inc., New York, N. Y. Swinging target toy. 120,490; May 14.
Schindelbeck, Valentine, Boonton, N. J. Condiment dispenser cap. 120,761; May 28.
Schindelbeck, Valentine, Boonton, N. J. Condiment dispenser cap. 120,762; May 28.
Schindelman, Morris. (See Grubs, F. V., Glesser, and Schindelman.)
Schlatter, Albert F., New York, N. Y. Textile fabric. 119,231; Feb. 27.
Schlatter, Albert F., New York, N. Y. Textile fabric. 121,287; July 2.
Schlatter, Albert F., New York, N. Y. Textile fabric. 121,288; July 2.
Schlatter, Albert F., New York, N. Y. Textile fabric. 121,733; July 30.
Schlesinger, Walter N., New York, N. Y. Combined wrench handle and hair winding pin. 120,082; June 18.
Schlessel, Philip, New York, N. Y. Dress. 122,651; Sept. 17.
Schlicker, Herman C., Brooklyn, assignor to Rollocurl Corporation, New York, N. Y. Combined comb and curler. 122,695; Sept. 24.
Schlicker, Herman C., Brooklyn, assignor to Clairol, Inc., New York, N. Y. Cosmetic container or similar article. 123,422; Nov. 5.
Schlitz, Jos., Brewing Company. (See Hinkel, William, assignor.)
Schmid, Albert P. (See Kranz, P., and Schmid.)
Schmidt, Aage, Highland Park, Ill. Cup handle alphabet or similar article. 120,112; Apr. 23.
Schmidt, Erwin L., and J. L. Schwabe, Jr., assignors to G-H Specialty Co., Milwaukee, Wis. Wing nut. 123,423; Nov. 5.
Schmidt, Ruth, Jamaica, N. Y. Textile fabric or similar article. 118,760; Jan. 30.
Schmitt, Joy B., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer. 120,763; May 28.
Schmucker, Lloyd A., deceased, by M. Schmucker, administratrix, Los Angeles, Calif. Combined cosmetic case, applicator and mirror. 123,237; Oct. 22.
Schmucker, Marguerite, administratrix. (See Schmucker, Lloyd A.)
Schnaier, Milton, New York, N. Y. Smoking pipe. 122,187; Aug. 27.

Schnebelen, Paul A., assignor to Hi-Speed Tire and Accessory Company, Toledo, Ohio. Spark-plug-condition chart holder. 119,811; Apr. 2.
Schneiderwind, Howard B., New York, N. Y. Textile fabric. 120,208; Apr. 23.
Schneiderwind, Howard B., New York, N. Y. Textile fabric. 121,129; June 18.
Schneiderwind, Howard B., New York, N. Y. Textile fabric. 121,328; July 2.
Schneiderwind, Howard B., New York, N. Y. Textile fabric. 121,401; July 9.
Schnell, William J., assignor to Electrical Research Laboratories, Inc., Evanston, Ill. Portable radio. 124,301; Dec. 24.
Schnitt, Jacob, New York, assignor to Gershon Amster, Brooklyn, N. Y. Ribbon fabric or similar article. 121,150; June 18.
Schnur, Edward A., New York, N. Y. Muff. 122,065; Aug. 20.
Schober, Ray A., assignor to Premium Products Mfg. Co., Chicago, Ill. Combined lamp and clock. 123,217; Oct. 22.
Schober, Ray A., assignor to Premium Products Mfg. Co., Chicago, Ill. Combined range lamp and support therefor. 123,767; Dec. 3.
Schoenberger, Otto H., and G. M. Lockwood, Los Angeles County, Calif.; said Lockwood assignor to said Schoenberger. Display cabinet. 119,399; Mar. 12.
Schoenberger, Robert E., Shaker Heights, assignor to The W. J. Schoenberger Company, Cleveland, Ohio. Burner head. 122,149; Aug. 27.
Schoenberger, W. J., Company, The. (See Schoenberger, Robert E., assignor.)
Schoenbrod, Robert D., assignor to American Supercraft Corporation, Chicago, Ill. Electric scissors. 123,844; Dec. 3.
Schoettle, Edward L., assignor to The John Mueller Licorice Company, Cincinnati, Ohio. Confectionery product. 120,789; May 28.
Scholl, William M., Chicago, Ill. Corn pad or the like. 121,576; July 23.
Scholle, Charles F., assignor to Joseph W. Woods Company, Inc., New York, N. Y. Textile fabric or similar article. 119,463; Mar. 12.
Schopbach, Charles H., and E. J. Olds, assignors to International Corset Company, Aurora, Ill. Corset. 122,883; Oct. 1.
Schrack, Morgan, Beaverton, Oreg. Venetian blind. 124,082; Dec. 17.
Schrafft, W. F., & Sons Corporation. (See Gleason, John M., assignor.)
Schreckengost, Viktor, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Chair seat. 122,004; Aug. 20.
Schreckengost, Viktor, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Chair back. 122,005; Aug. 20.
Schreckengost, Viktor, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Bicycle. 123,574; Nov. 19.
Schreckengost, Viktor, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Bicycle. 123,575; Nov. 19.
Schreckengost, Viktor, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Bicycle. 123,576; Nov. 19.
Schreckengost, Viktor, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Bicycle. 123,577; Nov. 19.
Schubert, Alvin E., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic viewing apparatus. 118,949; Feb. 13.
Schueder, George M. (See Evans, R. B., Farrell, and Schueder.)
Schuessler, Ruth, Chicago, Ill. Wall paper. 123,346; Oct. 29.
Schuessler, Ruth, Chicago, Ill. Wall paper. 123,347; Oct. 29.
Schuessler, Ruth, Chicago, Ill. Wall paper. 123,554; Nov. 12.
Schuessler, Ruth, Chicago, Ill. Wall paper. 123,555; Nov. 12.
Schuessler, Ruth, Chicago, Ill. Wall paper. 123,556; Nov. 12.
Schuessler, Ruth, Chicago, Ill. Wall Paper. 123,557; Nov. 12.
Schuessler, Ruth, Chicago, Ill. Wall paper. 124,047; Dec. 17.
Schuessler, Ruth, Chicago, Ill. Wallpaper. 124,080; Dec. 17.
Schuessler, Ruth, Chicago, Ill. Wallpaper. 124,081; Dec. 17.
Schuessler, Ruth, Chicago, Ill. Wallpaper. 124,241; Dec. 24.
Schulgasser, Milton, assignor, by mesne assignments, to National Silver Company, New York, N. Y. Spoon or similar article. 122,470; Sept. 10.
Schulich, Edward, New York, N. Y. Coat. 119,232; Feb. 27.
Schulich, Edward, New York, N. Y. Coat. 122,645; Sept. 17.
Schultz, Edward, assignor to The Nagel-Chase Mfg. Co., Chicago, Ill. Ash tray. 124,411; Dec. 31.
Schultz, Karl, Detroit, Mich. Clothing cleaning machine. 118,572; Jan. 16.
Schultz, Roy M., assignor to Cook Electric Company, Chicago, Ill. Thermostat. 119,644; Mar. 26.
Schutz, Thomas A., Chicago, Ill., assignor to Parke, Davis & Company, Detroit, Mich. Counter display case. 121,172; June 25.
Schwabe, Joseph L., Jr. (See Schmidt, E. L., and Schwabe.)
Schwalbaum, Murray M., New York, N. Y. Dress. 123,153; Oct. 15.
Schwalbaum, Murray M., New York, N. Y. Dress. 124,501; Dec. 31.
Schwalbaum, Murray M., New York, N. Y. Dress. 124,502; Dec. 31.
Schwalbe, Jacques, New York, N. Y. Billfold. 122,033; Aug. 20.
Schwalbe, Jacques, New York, N. Y. Tobacco pouch. 124,412; Dec. 31.
Schwartz, Anna, New York, N. Y. Dress ensemble. 118,675; Jan. 23.
Schwartz, Charles, & Company. (See Ruth, Rodney, assignor.)
Schwartz, Edward, New York, assignor to A. Brilhart, Great Neck, Long Island, N. Y. Reed for a wind instrument. 122,783; Oct. 1.
Schwartz, Harry, Long Beach, N. Y., assignor to R. C. Nathan & Co. Perfume rack. 119,600; Mar. 26.
Schwartz, Jacob, Chicago, Ill. Window ventilator or the like. 122,696; Sept. 24.
Schwartz, Josephine, New York, N. Y. Dress. 118,785; Jan. 30.
Schwartz, Josephine, New York, N. Y. Dress ensemble. 118,786; Jan. 30.
Schwartz, Morris, New York, N. Y. Dress ensemble. 119,561; Mar. 19.
Schwartz, Morris, New York, N. Y. Dress ensemble. 119,562; Mar. 19.
Schwartz, Sara, Brooklyn, N. Y. Dress. 120,577; May 14.
Schwartz, Sara, Brooklyn, N. Y. Dress. 120,578; May 14.
Schwartz, Sara, Brooklyn, N. Y. Dress. 120,579; May 14.
Schwartz, Sara, Brooklyn, N. Y. Dress. 120,580; May 14.
Schwartzberg, Leo, New York, N. Y. Textile fabric. 124,367; Dec. 31.
Schwartzman, Daniel B., Jersey City, N. J. Wrapper or similar article. 122,523; Sept. 10.
Schwarz, Arthur A., assignor to Max Schwarz Manufacturer "La Primadora" Havana Cigars Ltd., New York, N. Y. Cigar box. 120,557; May 14.
Schwarz, Max, Manufacturer "La Primadora" Havana Cigars Ltd. (See Schwarz, Arthur A., assignor.)
Schwitzer-Cummins Company. (See Shimer, William B., assignor.)
Schylander, John F., Chicago, Ill. Ashtray. 118,746; Jan. 30.
Scofield, Theodore J., assignor to The Sparks-Withington Company, Jackson, Mich. Warning signal. 118,867; Feb. 6.
Scofield, Theodore J., assignor to The Sparks-Withington Company, Jackson, Mich. Automobile grille guard. 120,532; May 14.
Scolaro, Samuel, Auburn, N. Y. Reversible lamp. 121,173; June 25.
Scovill Manufacturing Company. (See Fenton, Paul E., assignor.)
Scovill Manufacturing Company. (See Hoffman, Allan C., assignor.)
Scovill Manufacturing Company. (See Huelster, Otto J., assignor.)
Scovill Manufacturing Company. (See Huelster, O. J., and Wolff, assignors.)
Scovill Manufacturing Company. (See Slater, Thomas F., assignor.)
Scranton, Charles J., La Porte, Ind., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Housing for threshing and separating mechanism for a harvester-thresher. 123,896; Dec. 10.
Scranton Electric Toothbrush Corporation. (See Brennan, W. T., and Kennedy, assignors.)
Scribner, Kenneth, Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Fluorescent lamp fixtures. 122,236; Aug. 27.
Scribner, Kenneth R., Ipswich, assignor to Hygrade Sylvania Corporation, Salem, Mass. Fluorescent lamp fixture. 123,768; Dec. 3.
Scribner, Kenneth R., Ipswich, assignor to Hygrade Sylvania Corporation, Salem, Mass. Fluorescent lamp fixture. 123,769; Dec. 3.
Sealand Corporation, The. (See Kaul, Richard D., assignor.)
Seaman, Gilbert M., assignor to Catskill Metal Works, Inc., Catskill, N. Y. Stoker hopper housing. 118,512; Jan. 9.
Seaman, Gilbert M., assignor to Catskill Metal Works, Inc., Catskill, N. Y. Hopper mechanism housing for stokers. 121,174; June 25.
Seaman, Mortimer C., Long Island, N. Y. Shoe. 119,330; Mar. 5.
Seamon, Louis, Brooklyn, N. Y. Combined billfold and coin holder. 123,302; Oct. 29.
Sears, Roebuck and Co. (See Haase, Lawrence H., assignor.)

Sears, Roebuck and Co. (See Karstadt, Clarence, assignor.)
Sears, Roebuck and Co. (See Morgan, John R., assignor.)
Sears, Roebuck and Co. (See Nessen, Walter F., assignor.)
Sears, Roebuck and Co., et al. (See Townsend, James W., assignor.)
Sebring, Frank E., assignor to The Hydraulic Development Corporation, Inc., Mount Gilead, Ohio. Press. 124,333; Dec. 31.
Sedlacek, Karl, St. Katherines, Ontario, Canada. Suspenders. 123,897; Dec. 10.
Seeburg, J. P., Corporation. (See Miller, Nels A., assignor.)
Seeburg, J. P., Corporation. (See Roberts, Henry T., assignor.)
Seeley, Hannah M., San Diego, Calif. Combined suspenders and leggings. 120,414; May 7.
Segall, Julius, New York, N. Y. Textile fabric. 122,729; Sept. 24.
Segall, Julius, New York, N. Y. Textile fabric. 122,857; Oct. 1.
Segil, Jay, Chicago, Ill. Lighting fixture. 121,307; July 2.
Segil, Leon J., Chicago, Ill. Lighting fixture. 119,810; Apr. 2.
Seidel, Martin, Bogota, N. J., assignor to Record Lace & Embroidery Company, Inc., New York, N. Y. Embroidered fabric scarf or similar article. 122,697; Sept. 24.
Seidel, Martin, Bogota, N. J., assignor to Record Lace & Embroidery Company, Inc., New York, N. Y. Embroidered fabric scarf or similar article. 122,698; Sept. 24.
Seidler, William, New York, N. Y. Display rack for neckties or the like. 119,076; Feb. 20.
Seigenberg, Leo J., Los Angeles, Calif. Combination card holder and memorandum tray. 122,471; Sept. 10.
Seltzer, Irving, Brooklyn, N. Y. Shoe rack. 122,929; Oct. 8.
Selverstone, Agnes S., Brooklyn, assignor to I. B. Kleinert Rubber Company, New York, N. Y. Textile fabric. 118,513; Jan. 9.
Selverstone, Agnes S., assignor to Best & Co., Inc., New York, N. Y. Textile fabric or similar article. 119,795; Apr. 2.
Semski, Fred, Edgar, Wis. Combination tool. 121,308; July 2.
Seneca Textile Corporation. (See Messersmith, Harry S., assignor.)
Sengbusch, Gustav J., Milwaukee, Wis. Inkstand or the like. 121,101; June 18.
Sengbusch, Gustav J., Milwaukee, Wis. Inkstand or the like. 121,102; June 18.
Sentney, Caroline L., Indianapolis, Ind. Dairy products indicator. 118,950; Feb. 13.
Serre, Maurice, J. B. Hewett, and E. A. Schaefer, New York, N. Y., assignors to Anemostat Corporation of America. Air outlet for ventilators. 123,329; Oct. 29.
Service Boot & Legging Co., The. (See Berkman, Meyer, assignor.)
Service, William S., New York, N. Y. Bottle. 124,394; Dec. 31.
Sessions Clock Company, The. (See Greene, Frederick E., assignor.)
Sessions Clock Company, The. (See Sessions, William K., assignor.)
Sessions, William K., assignor to The Sessions Clock Company, Forestville, Conn. Case for clocks or similar articles. 122,673; Sept. 24.
Setz, Joseph, Hillside, N. J. Circus game board. 124,207; Dec. 24.
Seward, Emory A., Chicago, Ill. Wall switch plate. 121,703; July 30.
Sewell Manufacturing Company. (See Johnson, Carl W., assignor.)
Seymour, William R., Santa Monica, assignor to Cohn-Goldwater Manufacturing Co., Los Angeles, Calif. Shirt. 123,558; Nov. 12.
Shailor, Frank E., Sr., assignor to Tru-Shot Corporation, Detroit, Mich. Shooting range cabinet. 123,948; Dec. 10.
Shander, Benjamin, Philadelphia, Pa. Blouse. 118,965; Feb. 13.
Shander, Benjamin, Philadelphia, Pa. Blouse. 121,056; June 11.
Shangle, Clarence W., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Top unit for back bars or the like. 122,418; Sept. 10.
Shangle, Clarence W., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Top unit for back bars or the like. 122,419; Sept. 10.
Shangle, Clarence W., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Top unit for back bars or the like. 122,420; Sept. 10.
Shangle, Clarence W., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Top unit for back bars or the like. 122,421; Sept. 10.
Shanklin Manufacturing Company. (See Horsley, James H., assignor.)
Shapiro, Benjamin, New York, N. Y. Dress. 118,787; Jan. 30.
Shapiro, Benjamin, New York, N. Y. Dress. 118,911; Feb. 6.
Shapiro, Benjamin, Germantown, Pa. Display box for neckwear, handkerchiefs, boutonnieres, or the like. 122,930; Oct. 8.
Shapiro, Charles, New York, N. Y. Textile fabric. 120,655; May 21.
Shapiro, Charles, New York, N. Y. Chenille robe. 123,021; Oct. 8.
Shapiro, Charles, New York, N. Y. Chenille robe. 123,022; Oct. 8.
Shapiro, Herbert R., New York, N. Y. Textile fabric. 118,794; Jan. 30.
Shapiro, Louis, New York, N. Y. Coat. 119,680; Mar. 26.
Shapiro, Murray J., New York, N. Y. Wedding gown. 119,363; Mar. 5.
Shapiro, Murray J., New York, N. Y. Dress. 119,364; Mar. 5.
Shapiro, Murray J., New York, N. Y. Wedding gown. 119,835; Apr. 2.
Shapiro, Murray J., New York, N. Y. Dress. 122,422; Sept. 10.
Shapiro, Murray J., New York, N. Y. Dress. 122,451; Sept. 10.
Shapiro, Murray J., New York, N. Y. Dress. 122,884; Oct. 1.
Shapiro, Nat, New York, N. Y. Dress. 122,450; Sept. 10.
Shapiro, Nat, New York, N. Y. Dress. 122,757; Sept. 24.
Shapiro, Nat, New York, N. Y. Dress. 123,791; Dec. 3.
Shapiro, Nat, New York, N. Y. Dress. 123,792; Dec. 3.
Shapiro, Samuel S., New York, N. Y. Textile fabric. 119,681; Mar. 26.
Share, Lionel, Hollywood, Calif. Combination sachet, doll, and pin cushion. 120,142; Apr. 23.
Sharer, Wesley E., Chicago, Ill., assignor to S. N. Shure and F. Shure, trustees, doing business as Shure Brothers, a partnership. Phonograph tone arm. 118,747; Jan. 30.
Shaw, Alfred, Chicago, Ill. Stool. 121,525; July 16.
Shaw, Alfred, New York, N. Y. Combined cigarette server and lighter. 122,885; Oct. 1.
Shaw, Benson R., assignor to Washington Institute of Technology, Inc., Washington, D. C. Model airplane. 119,337; Mar. 5.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Combined air volume control and pressure gauge. 119,175; Feb. 27.
Shaw, Milton D., New York, N. Y. Coat. 122,209; Aug. 27.
Shaw, Milton D., New York, N. Y. Coat. 122,210; Aug. 27.
Shaw-Walker Company, The. (See Page, John H., assignor.)
Sheaffer, W. A., Pen Company. (See McKiernan, Ray E., assignor.)
Sheaffer, W. A., Pen Company. (See Stempel, Herman K., assignor.)
Shear, Gertrude, New York, N. Y. Hood. 118,609; Jan. 16.
Sheeran, Creed S., San Bernardino, Calif., assignor to Dr. Pepper Company, Dallas, Tex. Bottle. 122,323; Sept. 3.
Sheerer, Joseph T., Greensburg, assignor to Victory Glass, Inc., Jeannette, Pa. Torchère bowl or similar article. 119,821; Apr. 2.
Sheerer, Joseph T., Greensburg, assignor to Victory Glass, Inc., Jeannette, Pa. Torchère bowl or similar article. 119,822; Apr. 2.
Sheerer, Joseph T., Greensburg, assignor to Victory Glass, Inc., Jeannette, Pa. Torchère bowl or similar article. 120,022; Apr. 16.
Sheftel, Julius B., et al., co-partners. (See Roth, Stanley, assignor.)
Shekter, Abraham J., Jamaica, N. Y. Spring scale. 119,966; Apr. 16.
Shelton, Lee A., assignor to New Monarch Machine & Stamping Co., Des Moines, Iowa. Display rack or similar article. 121,130; June 18.
Shelton, Lee A., and R. W. Smith, assignors to New Monarch Machine & Stamping Co., Des Moines, Iowa. Display rack. 118,455; Jan. 9.
Shenango Pottery Company. (See Smith, James M., Jr., assignor.)
Shepard, Ernest L., Fairfield, assignor, by mesne assignments, to The Canal National Bank of Portland, as trustee, Portland, Maine. Shipping tray for fragile articles. 124,413; Dec. 31.
Shepard, Ernest L., Fairfield, assignor, by mesne assignments, to The Canal National Bank of Portland, as trustee, Portland, Maine. Fragile article support. 124,414; Dec. 31.
Sheplan, Herman B., assignor to The Comfy Manufacturing Co., Baltimore, Md. Knitted fabric or similar article of manufacture. 119,839; Apr. 2.
Sheplan, Herman B., assignor to The Comfy Manufacturing Co., Baltimore, Md. Knitted fabric or similar article of manufacture. 119,840; Apr. 2.
Sheplan, Herman B., assignor to The Comfy Manufacturing Co., Baltimore, Md. Knitted fabric or similar article of manufacture. 120,630; May 21.
Sheplan, Herman B., assignor to The Comfy Manufacturing Co., Baltimore, Md. Knitted fabric or similar article of manufacture. 120,631; May 21.
Sheplan, Herman B., assignor to The Comfy Manufacturing Co., Baltimore, Md. Knitted fabric or similar article of manufacture. 120,632; May 21.

Sheplan, Herman B., assignor to The Comfy Manufacturing Co., Baltimore, Md. Knitted fabric or similar article of manufacture. 121,198; June 25.
Sherman, Alvin G., Grosse Point, Mich., assignor to Globe American Corporation. Cookstove. 123,437; Nov. 5.
Sherman, David, Wichita, Kans. Top lift of a shoe heel. 119,894; Apr. 9.
Sherman, Jacob S., Chicago, Ill. Ash tray. 120,276; Apr. 30.
Sherman, Jacob S., Chicago, Ill. Ash tray. 121,938; Aug. 13.
Sherman, Jacob S., Chicago, Ill. Combined cigarette dispenser and ash tray. 123,937; Dec. 10.
Sherman, Jacob S., Chicago, Ill. Combined cigarette dispenser and clock. 123,938; Dec. 10.
Sherman, Monroe, New York, N. Y. Wedding ring. 119,052; Feb. 20.
Sherman, Monroe, New York, N. Y. Wedding ring. 119,506; Mar. 19.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,334; Dec. 31.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,335; Dec. 31.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,336; Dec. 31.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,337; Dec. 31.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,338; Dec. 31.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,339; Dec. 31.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,340; Dec. 31.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,341; Dec. 31.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,342; Dec. 31.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,343; Dec. 31.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,344; Dec. 31.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,345; Dec. 31.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,346; Dec. 31.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,347; Dec. 31.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,348; Dec. 31.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,349; Dec. 31.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,350; Dec. 31.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,368; Dec. 31.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,369; Dec. 31.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,370; Dec. 31.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,371; Dec. 31.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,372; Dec. 31.
Sherman, Sylvia, New York, N. Y. Textile fabric. 124,464; Dec. 31.
Sherwin-Williams Company, The. (See Adams, Richard C., assignor.)
Shevey, Hy, New York, N. Y. Game board or similar article. 123,630; Nov. 19.
Shields, Francis J., Bombay, N. Y. Slipper. 121,626; July 23.
Shields, Frank S., Jamaica, N. Y. Profiling machine. 121,577; July 23.
Shields, Frank S., Jamaica, N. Y. Combined turret lathe and stock supports. 123,315; Oct. 29.
Shields, Lowell W., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Display cabinet. 120,143; Apr. 23.
Shifman, Milton L., East Orange, N. J. Mattress handle. 123,919; Dec. 10.
Shimer, William B., assignor to Schwitzer-Cummins Company, Indianapolis, Ind. Housing for an air conditioning unit. 123,250; Oct. 22.
Shinn, Charles P., Jr., Freeport, N. Y. Sand glass. 123,822; Dec. 3.
Shipston, Ruth H., New York, N. Y. Textile fabric. 122,034; Aug. 20.
Shocknesse, Carl G. (See Texter, E. C., and Shocknesse.)
Shoenberg, Milton H., San Francisco, Calif. Electric soldering iron. 123,578; Nov. 19.
Sholtz, Leo, New York, N. Y. Shoe or similar article. 118,634; Jan. 23.
Sholtz, Leo, New York, N. Y. Shoe or similar article. 118,635; Jan. 23.
Shore, Joseph, Revere, Mass. Jewelry component. 121,723; July 30.
Short, Mac, and R. E. Reedy, Glendale, assignors to Vega Airplane Company, Burbank, Calif. Aeroplane. 123,251; Oct. 22.
Showerway Company, The. (See Bales, James E., assignor.)
Showerway Company, The. (See Wilkinson, Le Roy A.)
Shulton, Inc. (See Edson, Enid, assignor.)
Shumaker, Jerry, Union City, Mich. Steam bath cabinet. 119,943; Apr. 16.
Shurak, Harry, New York, N. Y. Slipper. 120,249; Apr. 30.
Shure Brothers. (See Sharer, Wesley E.)
Shure, Frances, et al., trustees. (See Sharer, Wesley E., assignor.)
Shure, S. N., et al, trustees. (See Sharer, Wesley E., assignor.)
Shuron Optical Company. (See Rohrbach, John J., assignor.)
Shutman, Celia, New York, N. Y. Dress. 119,701; Mar. 26.
Shutman, Celia, New York, N. Y. Dress. 119,733; Mar. 26.
Shutman, Celia, New York, N. Y. Dress. 120,306; Apr. 30.
Shutman, Celia, New York, N. Y. Dress. 122,066; Aug. 20.
Shutman, Celia, New York, N. Y. Dress. 122,067; Aug. 20.
Shwayder, Maurice B., Denver, Colo. Traveling bag. 119,850; Apr. 9.
Siddall, Leo T., Kansas City, Kans. Advertising device. 120,144; Apr. 23.
Siebenthaler, Thomas L., Kansas City, Mo. Laboratory stand. 123,604; Nov. 19.
Siegel, Jacob, New York, N. Y. Dress. 118,761; Jan. 30.
Siegel, Jacob, New York, N. Y. Dress. 118,762; Jan. 30.
Siegel, Jacob, New York, N. Y. Dress ensemble. 119,077; Feb. 20.
Siegel, Jacob, New York, N. Y. Dress. 123,006; Oct. 8.
Siegel, Jack, New York, N. Y. Dress. 123,252; Oct. 22.
Siegel, Jack, New York, N. Y. Dress. 123,253; Oct. 22.
Siegel, Jack, New York, N. Y. Dress. 123,354; Oct. 29.
Siegel, Jack, New York, N. Y. Dress. 123,355; Oct. 29.
Siegel, Jack, New York, N. Y. Dress. 123,657; Nov. 19.
Siegel, Jack, New York, N. Y. Dress. 124,009; Dec. 10.
Siegel, Jack, New York, N. Y. A dress. 124,262; Dec. 24.
Siegel, Sydney, New York, N. Y. Suit. 119,944; Apr. 16.
Siegel, Sydney, New York, N. Y. Suit. 119,984; Apr. 16.
Siegel, Sidney, New York, N. Y. Dress. 123,541; Nov. 12.
Siegel, Sidney, New York, N. Y. Dress. 123,845; Dec. 3.
Siegel, Sydelle, New York, N. Y. Dress. 121,260; June 25.
Siegfried, Mable H., Los Angeles, Calif. Doll. 122,699; Sept. 24.
Sierad, Albert E., Larchmont, assignor to George W. Button Corporation, New York, N. Y. Toy bank. 119,967; Apr. 16.
Siersma, Albert P., River Forest, Ill. Display case. 119,285; Mar. 5.
Signal Service Corporation. (See Haggart, John C., Jr., assignor.)
Sigoda, Mark, New York, N. Y. Skirt. 122,342; Sept. 3.
Sigoda, Mark, New York, N. Y. Skirt. 122,343; Sept. 3.
Sigoda, Mark, New York, N. Y. Skirt. 122,502; Sept. 10.
Sigoda, Mark, New York, N. Y. Skirt. 122,503; Sept. 10.
Sigoda, Victor J., Brooklyn, N. Y. Ruffling attachment housing for sewing machines. 121,238; June 25.
Silex Company, The. (See Wolcott, Frank E., assignor.)
Silson, Inc. (See Silson, Victor, assignor.)
Silson, Victor, New York, N. Y. Combined brooch and locket. 120,174; Apr. 23.
Silson, Victor, New York, N. Y. Pin clip. 120,967; June 4.
Silson, Victor, New York, N. Y. Pendant or similar article. 121,261; June 25.
Silson, Victor, New York, N. Y. Pendant or similar article. 121,262; June 25.
Silson, Victor, New York, N. Y. Earring or similar article. 121,341; July 2.
Silson, Victor, New York, N. Y. Pin clip. 121,352; July 2.
Silson, Victor, New York, N. Y. Brooch or similar article. 121,402; July 9.
Silson, Victor, New York, N. Y. Brooch or similar article. 121,403; July 9.
Silson, Victor, New York, N. Y. Combined brooch and flower holder. 121,482; July 16.
Silson, Victor, New York, N. Y. Brooch pin. 121,640; July 23.
Silson, Victor, New York, N. Y. Pin clip. 121,734; July 30.
Silson, Victor, New York, N. Y. Pin clip. 122,211; Aug. 27.
Silson, Victor New York, N. Y. Brooch or similar article. 123,658; Nov. 19.
Silson, Victor, New York, N. Y. Brooch or similar article. 123,659; Nov. 19.
Silson, Victor, New York, N. Y. Brooch or similar article. 123,823; Dec. 3.
Silson, Victor, New York, N. Y. Brooch or similar article. 123,824; Dec. 3.
Silson, Victor, New York, N. Y. Brooch or similar article. 123,846; Dec. 3.
Silson, Victor, New York, N. Y. Brooch or similar article. 123,847; Dec. 3.
Silson, Victor, New York, N. Y. Brooch or similar article. 123,848; Dec. 3.
Silson, Victor, New York, N. Y. Brooch or similar article. 123,849; Dec. 3.
Silson, Victor, New York, N. Y. Brooch or similar article. 123,850; Dec. 3.

Silson, Victor, New York, N. Y. Brooch or similar article. 123,920; Dec. 10.
Silson, Victor, New York, N. Y. Brooch or similar article. 123,921; Dec. 10.
Silson, Victor, New York, N. Y. Brooch or similar article. 123,922; Dec. 10.
Silson, Victor, New York, N. Y. Necklace or similar article. 123,923; Dec. 10.
Silson, Victor, New York, N. Y. Bracelet or similar article. 123,924; Dec. 10.
Silson, Victor, New York, N. Y. Brooch or similar article. 124,114; Dec. 17.
Silson, Victor, New York, N. Y. Brooch or similar article. 124,115; Dec. 17.
Silson, Victor, New York, N. Y. Brooch or similar article. 124,116; Dec. 1.
Silson, Victor, New York, N. Y. Brooch or similar article. 124,276; Dec. 24.
Silson, Victor, New York, N. Y. Brooch or similar article. 124,277; Dec. 24.
Silson, Victor, New York, N. Y. Pin clip. 124,395; Dec. 31.
Silson, Victor, New York, N. Y. Bracelet. 124,396; Dec. 31.
Silson, Victor, New York, N. Y. Bracelet. 124,397; Dec. 31.
Silson, Victor, New York, N. Y. Pin clip. 124,398; Dec. 31.
Silson, Victor, New York, N. Y. Pin clip. 124,399; Dec. 31.
Silson, Victor, New York, N. Y. Pin clip. 124,400; Dec. 31.
Silson, Victor, New York, N. Y. Brooch or similar article. 124,401; Dec. 31.
Silson, Victor, New York, N. Y. Brooch or similar article. 124,415; Dec. 31.
Silson, Victor, New York, N. Y. Pin clip. 124,417; Dec. 31.
Silson, Victor, assignor to Silson, Inc., New York, N. Y. Pendant or similar article. 120,113; Apr. 23.
Silverfield, Louis, San Francisco, Calif. Brooch. 123,468; Nov. 5.
Silverfield, Louis, San Francisco, Calif. Brooch. 124,208; Dec. 24.
Silverman, Charles, Providence, R. I. Collar holder or similar article. 120,745; May 28.
Silverman, Charles, Providence, R. I. Brooch or similar article. 122,101; Aug. 20.
Silverman, Charles, Providence, R. I. Initialed necktie fastener or similar article. 122,452; Sept. 10.
Silverman, Elsie, New York, N. Y. Dress. 122,377; Sept. 3.
Silverman, Elsie, New York, N. Y. Dress. 122,378; Sept. 3.
Silverman, I. Irving, Chicago, Ill. Bar or similar article. 118,456; Jan. 9.
Silverman, Stanley, White Plains, N. Y. Textile fabric or similar article. 124,285; Dec. 24.
Silverman, Stanley, White Plains, N. Y. Textile fabric or similar article. 124,299; Dec. 24.
Silverman, William, Providence, R. I. Locket ring. 121,483; July 16.
Silverstein, Henry, Brooklyn, N. Y. Airplane or the like. 120,187; Apr. 23.
Silverstein, Henry, Brooklyn, N. Y. Speedboat or the like. 123,463; Nov. 5.
Simmon, Rudolph, Jackson Heights, N. Y. Photographic enlarger. 120,656; May 21.
Simon, Gerald H., San Francisco, Calif. Ribbon fabric. 118,436; Jan. 2.
Simon, Gerald H., San Francisco, Calif. Ribbon fabric. 118,437; Jan. 2.
Simon, Irwin B., San Francisco, Calif. Hat. 118,912; Feb. 6.
Simon, Irwin B., San Francisco, Calif. Ribbon fabric. 121,057; June 11.
Simon, Joseph J., New York, N. Y. Railing bar ornament. 123,092; Oct. 15.
Simpkins, George, Long Beach, Calif. Game board. 124,373; Dec. 31.
Simplex Electric Company Limited. (See Davis, Percy W., assignor.)
Sims, Yelmer V. (See Starzec, S. S., and Sims.)
Sinclair, Melroy, Maplewood, Mo. Air filter. 118,420; Jan. 2.
Sinclair, Melroy, Maplewood, Mo. Air filter. 122,931; Oct. 8.
Singer, Henry, Honolulu, Hawaii. Game device. 118,573; Jan. 16.
Singer, Henry, assignor of one-half to Kwai Sin Char, Honolulu, Hawaii. Game device. 120,840; May 28.
Singer, Henry, assignor of one-half to Kwui Sin Char, Honolulu, Hawaii. Game device. 122,424; Sept. 10.
Singer Manufacturing Company, The. (See Park, M. S., and Hacklander, assignors.)
Singerman, Max E., New York, N. Y. Textile fabric. 120,231; Apr. 30.
Singerman, Max E., New York, N. Y. Textile fabric. 124,286; Dec. 24.
Siverts, Anna L., New York, N. Y. Dress. 122,068; Aug. 20.
Siverts, Anna L., New York, N. Y. Dress. 122,069; Aug. 20.
Siverts, Anna L., New York, N. Y. Dress. 122,070; Aug. 20.
Siverts, Anna L., New York, N. Y. Dress. 122,071; Aug. 20.
Siverts, Anna L., New York, N. Y. Dress. 122,072; Aug. 20.
Siverts, Anna L., New York, N. Y. Dress. 122,188; Aug. 27.
Siverts, Anna L., New York, N. Y. Dress. 122,212; Aug. 27.
Siverts, Anna L., New York, N. Y. Dress. 122,223; Aug. 27.
Siverts, Anna L., New York, N. Y. Dress. 122,224; Aug. 27.
Siverts, Anna L., New York, N. Y. Dress. 122,225; Aug. 27.
Siverts, Anna L., New York, N. Y. Dress emsemble. 122,237; Aug. 27.
Siverts, Anna L., New York, N. Y. Dress. 122,238; Aug. 27.
Siverts, Anna L., New York, N. Y. Dress. 122,239; Aug. 27.
Siverts, Anna L., New York, N. Y. Dress. 122,240; Aug. 27.
Siverts, Anna L., New York, N. Y. Dress. 122,302; Sept. 3.
Siverts, Anna L., New York, N. Y. Dress. 122,303; Sept. 3.
Siverts, Anna L., New York, N. Y. Dress. 122,524; Sept. 10.
Siverts, Anna L., New York, N. Y. Dress ensemble. 122,525; Sept. 10.
Siverts, Anna L., New York, N. Y. Dress. 122,526; Sept. 10.
Siverts, Anna L., New York, N. Y. Dress. 122,527; Sept. 10.
Siverts, Anna L., New York, N. Y. Dress. 122,538; Sept. 10.
Siverts, Anna L., New York, N. Y. Dress. 122,539; Sept. 10.
Siverts, Anna L., New York, N. Y. Dress. 122,540; Sept. 10.
Siverts, Anna L., New York, N. Y. Dress. 122,541; Sept. 10.
Siverts, Anna L., New York, N. Y. Dress. 122,558; Sept. 10.
Siverts, Anna L., New York, N. Y. Dress. 122,559; Sept. 10.
Siverts, Anna L., New York, N. Y. Dress. 122,609; Sept. 17.
Siverts, Anna L., New York, N. Y. Dress. 123,007; Oct. 8.
Siverts, Anna L., New York, N. Y. Dress. 123,137; Oct. 15.
Siverts, Anna L., New York, N. Y. Dress. 123,138; Oct. 15.
Siverts, Anna L., New York, N. Y. Dress. 123,139; Oct. 15.
Siverts, Anna L., New York, N. Y. Dress. 123,154; Oct. 15.
Siverts, Anna L., New York, N. Y. Dress ensemble. 123,559; Nov. 12.
Siverts, Anna L., New York, N. Y. Dress ensemble. 123,650; Nov. 19.
Skellern, Victor, Fenton, Stoke-on-Trent, England, assignor to Josiah Wedgwood & Sons, Inc., of America, New York, N. Y. Plate or similar article. 121,329; July 2
Skellern, Victor, Fenton, Stoke-on-Trent, England, and J. E. Goodwin, Penrhyn Bay, Llandudno, North Wales, assignors to Josiah Wedgwood & Sons, Inc., of America, New York, N. Y. Plate or similar article. 121,330; July 2.
Skellern, Victor, Fenton, Stoke-on-Trent, England, assignor to Josiah Wedgwood & Sons, Inc., of America, New York, N. Y. Plate or similar article. 121,331; July 2.
Skelton, Owen E., Naperville, Ill. Knife. 119,400; Mar. 12.
Skib, Leonid L., New York, N. Y. Handbags. 121,798; Aug. 6.
Skilsaw, Inc. (See Willmarth, John H., assignor.)
Skoll, Barney H., New York, N. Y. Dress. 123,348; Oct. 29.
Skolnick, William, New York, N. Y. Dress. 118,687; Jan. 23.
Skolnick, William, New York, N. Y. Dress. 118,688; Jan. 23.
Skolnick, William, New York, N. Y. Dress ensemble. 124,117; Dec. 17.
Skuderna, Katherine M. (See Heflin, L., and Skuderna.)
Skulnick, Robert C. (See Bars, J. M., and Skulnick.)
Slater, Amos B., San Francisco, Calif. Game device. 122,425; Sept. 10.
Slater, George W. and R., East Akron, Ohio. Chessmen. 123,093; Oct. 15.
Slater, Reginald. (See Slater, George W. and R.)
Slater, Thomas F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener prong ring. 119,945; Apr. 16.
Slater, Thomas F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener prong ring. 120,023; Apr. 16.
Slater, Thomas F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener prong ring. 120,024; Apr. 16.

Slater, Thomas F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener prong ring. 120,764; May 28.
Slater, Thomas F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener prong ring. 120,765; May 28.
Slater, Thomas F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener prong ring. 120,766; May 28.
Slater, Thomas F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener prong ring. 120,790; May 28.
Slater, Thomas F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener prong ring. 120,791; May 28.
Slavin, Jacob, Roxbury, Mass. Bed slipper. 123,605; Nov. 19.
Slazinik, Joseph, and A. Zavicar, New York, N. Y. Toilet shelf. 120,388; May 7.
Slechta, Cyril A., St. Paul, Minn. Tile unit. 119,442; Mar. 12.
Slepin, William, New York, N. Y. Dress. 122,363; Sept. 3.
Slepin, William, New York, N. Y. Dress. 122,364; Sept. 3.
Slepin, William, New York, N. Y. Dress. 122,365; Sept. 3.
Slote, Evelyn G., New York, N. Y. Dress or similar article. 123,464; Nov. 5.
Slote, Evelyn G., New York, N. Y. Dress. 123,961; Dec. 10.
Slote, Evelyn G., New York, N. Y. Dress. 123,986; Dec. 10.
Sloteman, Donald K., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Tire. 122,035; Aug. 20.
Slott, Isaac, New York, N. Y. Hat. 119,365; Mar. 5.
Small, Evelyn, New York, N. Y. Toilet make-up protector. 119,464; Mar. 12.
Smallman, Samuel, New York, N. Y. Billfold. 118,868; Feb. 6.
Smidlein, Anthony E., Yonkers, N. Y., assignor to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. Floor covering or the like. 121,484; July 16.
Smiley, John B. (See Foster, Robert B., assignor.)
Smiley, John B., New York, N. Y. Combination container cap remover and screw driver. 122,575; Sept. 17.
Smith, Benjamin A., Rocky River, assignor to The C. O. Bartlett & Snow Company, Cleveland, Ohio. Suction hood. 121,704; July 30.
Smith, Brian, Dallas, Tex. Lapel pin. 119,199; Feb. 27.
Smith, Carl E., Jr., Baltimore, Md. Game board. 119,401; Mar. 12.
Smith, Charles F., assignor to Landers, Frary & Clark, New Britain, Conn. Support for culinary appliances. 118,393; Jan. 2.
Smith, Earle S., assignor to The Toledo Porcelain Enamel Products Company, Toledo, Ohio. Newspaper receptacle. 122,006; Aug. 20.
Smith, Edith P., Berkeley, Calif. Boutonniere vase or similar article. 123,094; Oct. 15.
Smith, F. P., Wire & Iron Works. (See McClure, Edward, assignor.)
Smith, Floyd, assignor to Pioneer Parachute Company, Inc., Manchester, Conn. Parachute pack. 123,511; Nov. 12.
Smith, Franklyn J., New York, N. Y. Textile fabric. 124,374; Dec. 31.
Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. 120,473; May 7.
Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. 122,472; Sept. 10.
Smith, Frasier, Wheeling, W. Va., assignor, by mesne assignments, to Penick & Ford, Ltd., Inc., New York, N. Y. Bottle. 123,631; Nov. 19.
Smith, Fulton W., Howard Beach, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Bottle. 121,289; July 2.
Smith, Horace S., assignor to The Glauber Brass Manufacturing Company, Kinsman, Ohio. Housing for bathtub fittings. 123,116; Oct. 15.
Smith, Jack O., Fort Worth, Tex. Practice golf game board or similar article. 121,799; Aug. 6.
Smith, Jack O., Fort Worth, Tex. Practice golf game board or similar article. 122,278; Sept. 3.
Smith, James M., Jr., assignor to Shenango Pottery Company, New Castle, Pa. Plate or similar article. 124,209; Dec. 24.
Smith, Julia, New York, N. Y. Dress. 122,366; Sept. 3.
Smith, Kenneth F., assignor to Neon Products, Inc., Lima, Ohio. Electric sign. 123,925; Dec. 10.
Smith, Mary M., assignor to Armstrong Cork Company, Lancaster, Pa. Syringe bag. 119,601; Mar. 26.
Smith, Mary M., assignor to Armstrong Cork Company, Lancaster, Pa. Water bottle or similar article. 121,601; July 23.
Smith, Mary M., and E. M. Roberts, assignors to Armstrong Cork Company, Lancaster, Pa. Water bottle or similar article. 118,457; Jan. 9.
Smith, Ralph R., Lakewood, Ohio. Electric fence insulator. 121,705; July 30.
Smith, Russel W. (See Shelton, L. A., and Smith, assignors.)
Smith, Russel W., assignor to New Monarch Machine & Stamping Co., Des Moines, Iowa. Display rack for packaged goods. 118,458; Jan. 9.
Smith, Thomas R., San Franisco, Calif. Toy glider-gun. 119,968; Apr. 16.
Smith, William E., Baltimore, Md. Game board. 119,402; Mar. 12.
Smith, William I., Goshen, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Glider. 120,145; Apr. 23.
Smith, William I., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Chaise longue. 122,344; Sept. 3.
Smith, William I., Goshen, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Glider end frame. 122,932; Oct. 8.
Smith, William I., Goshen, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Juvenile swing. 123,491; Nov. 12.
Smith, William I., Goshen, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Glider end frame. 123,703; Nov. 26.
Smith, William I., Goshen, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Glider end frame. 123,704; Nov. 26.
Smithline, Adele, Cos Cob, Conn. Dress. 124,118; Dec. 17.
Smithline, Adele, Cos Cob, Conn. Dress. 124,119; Dec. 17.
Smithline, Adele, Cos Cob, Conn. Dress. 124,120; Dec. 17.
Smithline, Adele, Cos Cob, Conn. Dress. 124,121; Dec. 17.
Smizaski, Frank. (See Lubarsky, R., and Smizaski.)
Smoleroff, Henry J., New York, N. Y. Knife sharpener. 119,645; Mar. 26.
Snack Spa Products, Inc. (See Mann, William B., assignor.)
Snyder, Gilbert D., Belle Harbor, assignor to Parfumerie De Raymond, New York, N. Y. Christmas tree ornament or similar article of manufacture. 122,784; Oct. 1.
Sobel, Harry. (See Fern, Jules and O., and Sobel.)
Sobel, Harry, Los Angeles, Calif. Shoe. 120,399; May 7.
Sobelman, Morris, St. Louis, Mo. Dress. 120,968; June 4.
Sobiloff, Myer N., Fall River, Mass. Curtain. 122,102; Aug. 20.
Sobiloff, Myer N., Fall River, Mass. Drape or similar article. 123,793; Dec. 3.
Sochard, Henry, Brooklyn, N. Y. Combined clock and picture holding case. 121,103; June 18.
Sochurek, Joseph, Milwaukee, Wis. Bottle. 120,558; May 14.
Soderberg, Paul W., assignor to J. B. Ford Sales Company, Wyandotte, Mich. Solution strength indicator case. 124,210; Dec. 24.
Soifer, Abraham, Brooklyn, N. Y. Pleated leather trimming. 123,074; Oct. 15.
Sokoloff, Ivan, Boston, Mass. Toy animal. 123,685; Nov. 26.
Sokoloff, Max, New York, N. Y. Textile fabric. 121,578; July 23.
Sokoloff, Max, New York, N. Y. Textile fabric. 124,278; Dec. 24.
Sokoloff, Ralph, Brooklyn, N. Y. Textile fabric or similar
Solash, Max, Linden, N. J. Hat. 118,808; Jan. 30.
Solomon, Mortimer, Brooklyn, N. Y. Bathing suit. 121,239; June 25.
article. 123,632; Nov. 19.
Solomon, Nathan L., Mount Vernon, N. Y. Curl comb. 119,219; Feb. 27.
Somers, Otto J., New York, N. Y. Jewel mounting. 119,286; Mar. 5.
Sommers, Joseph C. (See James, Eric A., assignor.)
Somogyi, Elizabeth, Webster Groves, Mo. Dress. 123,987; Dec. 10.
Sonntag, Bernhard, Dallas, Tex. Kitchen ventilator. 118,421; Jan. 2.
Soria, Severo E., New York, N. Y. Candelabrum or like article. 122,700; Sept. 24.
Soria, Severo E., New York, N. Y. Candelabrum or like article. 122,973; Oct. 8.
South Bend Lathe Works. (See Frushour, Russel E., assignor.)
Spalding, A. G., & Bros. Inc. (See East, James V., assignor.)
Spalding A. G., & Bros. Inc. (See Geerlings, Gerald K., assignor.)
Spalding, A. G., & Bros. Inc. (See Flynn, Martin J., assignor.)
Spånel, Abraham N., New York, N. Y. Combined advertising and vending device. 120,875; June 4.
Spanel, Abraham N., New York, N. Y. Combined advertising and vending display stand. 121,485; July 16.
Spånel, Abraham N., New York, N. Y. Pantie-girdle. 121,860; Aug. 6.
Sparks-Simplex Machinery Corporation. (See Sparks, Stanley W., assignor.)
Sparks, Stanley W., assignor to Sparks-Simplex Machinery Corporation, Norwalk, Conn. Turning lathe. 124,083; Dec. 17.
Sparks-Withington Company, The. (See Corbett, William J., assignor.)
Sparks-Withington Company, The. (See Scofield, Theodore J., assignor.)
Spaulding Bakeries, Inc. (See Tobey, Albert T., assignor.)

Spaulding-Gorham, Inc. (See Joyce, Isabelle Z., assignor.)
Specialties Development Corporation. (See Grant, Harry C., Jr., assignor.)
Speidel Corporation. (See Fassnacht, Karl, assignor.)
Spellman, Erick. (See Erickson, C., and Spellman.)
Spence, James E., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Pitcher. 118,727; Jan. 30.
Spence, James E., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Dish. 118,951; Feb. 13.
Spence, James E., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Dish. 118,952; Feb. 13.
Spence, James E., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Dish. 119,403; Mar. 12.
Spence, James E., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Dish. 119,870; Apr. 9.
Spence, James E., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Drinking glass. 120,146; Apr. 23.
Spence, James E., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Tumbler. 121,602; July 23.
Spencer, Howard F., assignor to Amco, Incorporated, Pittsburgh, Pa. Control panel booth. 122,150; Aug. 27.
Spencer Lens Company. (See Bailey, S. J., and Estey, assignors.)
Spencer Lens Company. (See Critoph, David I., assignor.)
Spencer Lens Company. (See Osterberg, H., and Aitcheson, assignors.)
Spencer Lens Company. (See Peck, W. F., and Estey, assignors.)
Sperazz, Charles M. (See Osterberg, H., and Sperazz.)
Spiegel, Gabriel B., Chicago, Ill. Pump. 119,404; Mar. 12.
Spilo, Edward J., Chicago, Ill. Game board. 121,778; Aug. 6.
Spindler, Gustav, San Francisco, Calif. Slide projector. 119,946; Apr. 16.
Spitalny, Fred, Elizabeth, N. J. Vanity case or similar article. 119,465; Mar. 12.
Spitalny, Fred, Elizabeth, N. J. Vanity case or similar article. 122,279; Sept. 3.
Spitalny, Fred, Elizabeth, N. J. Vanity case or similar article. 122,828; Oct. 1.
Spool Cotton Company, The. (See Chambers, David B., assignor.)
Sprague, Frank M., Boise, Idaho. Combined connecting clip for match and cigarette packages. 118,748; Jan. 30.
Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Press unit front. 120,360; May 7.
Staehle, Bruno, New York, N. Y. Dress. 123,988; Dec. 10.
Staehle, Bruno, New York, N. Y. Dress. 124,422; Dec. 31.
Stamford Wall Paper Company. (See Leitch, Frank E., assignor.)
Stampleman, Jeffries, New York, N. Y., and J. Davis, South Orange, assignors to The Insel Company, Arlington, N. J. Combined toilet brush back and comb. 122,829; Oct. 1.
Stanchfield, Charles, assignor to A. J. Lindemann & Hoverson Company, Milwaukee, Wis. Top grate for a stove or analogous article. 121,706; July 30.
Stanley, Julian C., et al. (See Longdin, Harry W., assignor.)
Stark, Karen, New York, N. Y. Dress or similar article. 124,188; Dec. 24.
Stark, Karen, New York, N. Y. Evening gown ensemble or similar article. 124,189; Dec. 24.
Stark, Karen, New York, N. Y. Dinner dress ensemble or similar article. 124,448; Dec. 31.
Starman Syphon Manufacturing Co. (See D'Addario, Thomas, assignor.)
Starrels, Joel, Highland Park, Ill. Pipe. 123,756; Dec. 3.
Starzec, Stefan S., Starzec, and Y. V. Sims, Ladysmith, Wis. Milk can. 118,728; Jan. 30.
Stauffer, Bernard H., Los Angeles, Calif. Physiotherapy table. 123,370; Oct. 29.
Stavenhagen, William, Union City, N. J. Cigarette container. 122,715; Sept. 24.
Stavenhagen, William, Union City, N. J. Cigarette container. 123,218; Oct. 22.
Stead, Kenneth G., assignor to Forster Textile Mills, Inc., Chicago Heights, Ill. Curtain or similar article. 123,008; Oct. 8.
Stearns, Freeman R., assignor to Carrom Industries, Inc., Ludington, Mich. Game board. 122,907; Oct. 8.
Steber, Clarence L., Oak Park, Ill. Portable lighting fixture. 120,924; June 4.
Stechbart, Bruno, assignor to The Bell & Howell Company, Chicago, Ill. Film reeling device. 121,907; Aug. 13.
Stechbart, Bruno, assignor to The Bell & Howell Company, Chicago, Ill. Picture projector slide mount. 122,908; Oct. 8.
Steelman, James S., Millville, N. J., assignor to Pepsi-Cola Company, Long Island City, N. Y. Bottle or similar article. 120,277; Apr. 30.
Steelman, James S., Millville, N. J., assignor to The H. R. Nicholson Company, Baltimore, Md. Bottle. 121,426; July 9.
Stefanakis, William, Astoria, Long Island, N. Y. Mirror holder and the like. 121,486; July 16.
Steffen, William, Hackensack, N. J. Textile fabric or similar article. 120,287; Apr. 30.
Steffen, William, Hackensack, N. J. Textile fabric or similar article. 120,288; Apr. 30.
Steffen, William, Hackensack, N. J. Textile fabric or similar article. 120,289; Apr. 30.
Steffen, William, Hackensack, N. J. Textile fabric or similar article. 120,290; Apr. 30.
Steffen, William, Hackensack, N. J. Textile fabric or similar article. 120,389; May 7.
Steffen, William, Hackensack, N. J. Textile fabric or similar article. 120,517; May 14.
Stein, Earl A., San Francisco, Calif. Multiple toothbrush holder. 122,036; Aug. 20.
Stein, Leo, assignor to Paramount Fashion Co. Incorporated, New York, N. Y. Dress. 123,465; Nov. 5.
Stein, S., & Co. (See Bernstein, Allan E., assignor.)
Steindl, August, New York, N. Y. Grave enclosure. 123,279; Oct. 29.
Steiner, Leonard, Stamford, Conn. Supporting frame for automatic vulcanizers. 123,579; Nov. 19.
Steingruber, George, Shelbyville, Tenn. Electric space heater. 119,287; Mar. 5.
Steingruber, George, Shelbyville, Tenn. Electric space heater. 119,288; Mar. 5.
Steinhilber, Herman L., assignor to McCrory Stores Corporation, New York, N. Y. Salad bowl. 122,576; Sept. 17.
Steinman, Theodore C. (See Israel, P., and Steinman.)
Steinman, Theodore C., New York, N. Y. Brooch or similar article. 124,279; Dec. 24.
Stempel, Herman K., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Reservoir desk stand. 123,303; Oct. 29.
Stempel, Irving, & Co. (See Cutler, Benjamin, assignor.)
Stensgaard, W. L., & Associates, Inc. (See Williams, Findley, assignor.)
Stephens, Andrew J., Kansas City, Mo. Dispensing box. 121,936; Aug. 13.
Stephens, George H., Glencoe, assignor to Hammond Instrument Company, Chicago, Ill. Organ console. 120,175; Apr. 23.
Stephens, George H., Glencoe, assignor to Hammond Instrument Company, Chicago, Ill. Keyboard for electrical musical instruments. 123,686; Nov. 26.
Stephenson, Charles E., New York, N. Y. Display stand for material for wall coverings, floorings, rugs, or the like. 120,491; May 14.
Stephenson, Lou R., assignor of one-half to D. B. Phillips, Rochester, N. Y. Mitten. 121,240; June 25.
Sterling Corporation, The. (See Flammang, J., P. L. Bowser, Venner, and P. L. Bowser, Jr., assignors.)
Stern, Abraham, New York, N. Y. Artificial leather fabric or similar article. 120,950; June 4.
Stern, John, Philadelphia, Pa. Lighting fixture. 122,909; Oct. 8.
Sterne, George S., Chicago, Ill. Pipe rack attachment for tobacco can. 119,207; Feb. 27.
Sterngold, Jacob M., New York, N. Y. Dress. 118,543; Jan. 9.
Sterngold, Jacob M., New York, N. Y. Dress. 118,544; Jan. 9.
Sterngold, Jacob M., New York, N. Y. Dress. 118,913; Feb. 6.
Steuer, Norman F., assignor to Owens-Illinois Pacific Coast Company, San Francisco, Calif. Bottle. 120,147; Apr. 23.
Stevens, Clifford B., assignor to Cleaver-Brooks Company, Milwaukee, Wis. Portable heater. 118,514; Jan. 9.
Stevens, Clifford B., Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Operating handle for electric controlling devices. 119,823; Apr. 2.
Stevens, Clifford B., Milwaukee, Wis., assignor to The John Gabel Manufacturing Company, Chicago, Ill. Cabinet for phonographs or the like. 123,316; Oct. 29.
Stevens, Edwin L. (See Carr, M. E., Camper, and Stevens.)
Stevens, Harriet S., Chicago, Ill. Toy bed. 121,003; June 11.
Steventon, John I., Burlingame, and S. W. Johnson, San Francisco, Calif. Radio log device. 123,926; Dec. 10.
Stewart, Arthur C., Pasadena, and K. Weber, assignors to Union Oil Company of California, Los Angeles, Calif. Comfort station. 121,104; June 18.
Stewart, David B. (See Robinson, Frank A., Jr., assignor.)
Stewart, Lemuel L., Elkhart, Ind., assignor to The Adlake Company. Lighting fixture or similar article. 118,729; Jan. 30.
Stewart, Lemuel L., Elkhart, Ind., assignor to The Adlake Company. Lighting fixture or similar article. 119,682; Mar. 26.
Stewart-Warner Corporation. (See Dean, Arthur F., assignor.)
Stickel, Charles W. (See Tuttle, W. R., and Stickel.)
Stickel, Frederick G. (See Phelps, A. G., and Stickel.)
Stimell, Samuel, New York, N. Y. Coat. 119,114; Feb. 20.
Stipp, Livy. (See Pardey, W. A., and Stipp.)
Stix, Frances T., New York, N. Y. Dress. 123,748; Nov. 26.
Stix, Frances T., New York, N. Y. Dress. 123,962; Dec. 10.
Stix, Frances T., New York, N. Y. Dress. 123,963; Dec. 10.
Stoehr, Harold N., Cedar Rapids, Iowa. Basket. 118,676; Jan. 23.

Stoehr, Harold N., Cedar Rapids, Iowa. Basket. 118,677; Jan. 23.
Stoll, Henry C., Bronx, N. Y. Game board. 120,148; Apr. 23.
Stoll, Sam, New York, N. Y. Coat. 119.480; Mar. 12.
Stoller, Phillip, New York, N. Y. Dress. 123,155; Oct. 15.
Stoller, Phillip, New York, N. Y. Dress. 123,372; Oct. 29.
Stoller, Phillip, New York, N. Y. Dress. 123,373; Oct. 29.
Stolzenberger, Adam, Jr., Glendale, N. Y., assignor to Dictograph Products Company, Inc. Inter-communicating telephone station cabinet or similar article. 121,131; June 18.
Stompe, Albert W., Neenah, assignor to Marathon Paper Mills Company, Rothschild, Wis. Combination container package. 118,574; Jan. 16.
Stone, Irwin, M., et al. (See Tichenor, Don, assignor.)
Stone, Jack R., Oklahoma City, Okla. Combined vending container and tray. 122,804; Oct. 1.
Stone, Mollie, New York, N. Y. Dress. 118,914; Feb. 6.
Stone, Mollie, New York, N. Y. Dress. 118,915; Feb. 6.
Stone, Mollie, New York, N. Y. Dress. 118,916; Feb. 6.
Stone, Mollie, New York, N. Y. Dress. 118,917; Feb. 6.
Stone, Mollie, New York, N. Y. Dress. 118,918; Feb. 6.
Stone, Mollie, New York, N. Y. Dress. 118,919; Feb. 6.
Stone, Mollie, New York, N. Y. Dress and slip ensemble. 119,713; Mar. 26.
Stone, Mollie, New York, N. Y. Dress. 119,350; Mar. 5.
Stone, Mollie, New York, N. Y. Dress. 119,712; Mar. 26.
Stone, Mollie, New York, N. Y. Dress. 122,423; Sept. 10.
Stone, Mollie, New York, N. Y. Dress. 123,235; Oct. 22.
Stone, Mollie, New York, N. Y. Dress. 123,560; Nov. 12.
Stone, Mollie, New York, N. Y. Dress. 123,794; Dec. 3.
Stone, Thomas L., Newark, N. J., assignor to The Hinde and Dauch Paper Company, Sandusky, Ohio. Cover paper or similar article. 122,453; Sept. 10.
Stoner, Harold B., assignor to The Hewitt Soap Company, Inc., Dayton, Ohio. Combined container and soap display. 124,159; Dec. 17.
Stoothoff, Stanley, Pontiac, Mich. Game board. 119,405; Mar. 12.
Stop-Drip Co. (See Moss, Everett D., assignor.)
Stover Manufacturing & Engine Co. (See Edens, Henry N., assignor.)
Stover, Paul A., San Francisco, Calif. Fire extinguisher. 121,083; June 18.
Strand, Betsie L., Chicago, Ill. Picture frame. 124,048; Dec. 17.
Strand Leather Goods Co. (See Linderman, Victor, assignor.)
Strasburger, Victor M., New York, N. Y. Pin clip. 122,103; Aug. 20.
Strauss, Arthur, New York, N. Y. Stamp or similar article. 121,132; June 18.
Strauss, Arthur, New York, N. Y. Stamp or similar article. 121,908; Aug. 13.
Strauss, Arthur, New York, N. Y. Stamp or similar article. 122,241; Aug. 27.
Strauss, Charles J., assignor to Advertising Corporation of West Virginia, Wheeling, W. Va. Advertising display unit or similar article. 120,596; May 14.
Strauss, Luke J., and R. E. Rousseau, Buffalo, N. Y. Washing machine. 120,050; Apr. 16.
Stricker, Ethel E., New York, N. Y. Negligee. 119,366; Mar. 5.
Stricker, Samuel, New York, N. Y. Hat. 123,182; Oct. 22.
Stromberg-Carlson Telephone Manufacturing Co., The. (See Grover, Frederic S., assignor.)
Strout, Leeman F., Stamford, Conn. Pole saw head. 122,674; Sept. 24.
Stuart Products Company. (See Jacob, Herman, assignor.)
Stuart Products Co. (See Karoff, Robert B., assignor.)
Styka, Tade, New York, N. Y. Stocking. 121,856; Aug. 6.
Sudell, Frank, Roxborough, assignor to J. H. Warthman, trustee for La France Industries, Philadelphia, Pa. Textile fabric. 119,985; Apr. 16.
Sudell, Frank, Roxborough, assignor to J. H. Warthman, trustee for La France Industries, Philadelphia, Pa. Textile fabric. 119,986; Apr. 16.
Sudell, Frank, Roxborough, assignor to J. H. Warthman, trustee for La France Industries, Philadelphia, Pa. Textile fabric. 119,987; Apr. 16.
Sudell, Frank, Roxborough, assignor to J. H. Warthman, trustee for La France Industries, Philadelphia, Pa. Textile fabric. 119,988; Apr. 16.
Sudell, Frank, Roxborough, assignor to Kurdistan Rug Corporation, Philadelphia, Pa. Bath mat. 120,361; May 7.
Sudell, Frank, Roxborough, assignor to Kurdistan Rug Corporation, Philadelphia, Pa. Bath mat. 120,362; May 7.
Sudell, Frank, Roxborough, assignor to Kurdistan Rug Corporation, Philadelphia, Pa. Bath mat. 120,363; May 7.
Sudell, Frank, Roxborough, assignor to Kurdistan Rug Corporation, Philadelphia, Pa. Bath mat. 120,364; May 7.
Sudell, Frank, Roxborough, assignor to Kurdistan Rug Corporation, Philadelphia, Pa. Bath mat. 120,365; May 7.
Sudell, Frank, Roxborough, assignor to J. Harris Warthman, Trustee for La France Industries, Philadelphia, Pa. Textile fabric. 120,455; May 7.
Sudell, Frank, Roxborough, assignor to Kurdistan Rug Corporation, Philadelphia, Pa. Textile floor covering. 121,332; July 2.
Sudell, Frank, Roxborough, assignor to J. Harris Warthman, trustee for La France Industries, Philadelphia, Pa. Textile fabric. 122,037; Aug. 20.
Sullivan, George D., New York, N. Y. Alphabet for forming monograms or similar article. 120,084; Apr. 16.
Sullivan, William E. (See Loud, S. D., and Sullivan.)
Sumerfield, Horace S., assignor to Herbert B. Newton & Co., Philadelphia, Pa. Textile fabric or similar article. 123,964; Dec. 10.
Summerour & Devine, Inc. (See Summerour, M. A., and Devine, assignors.)
Summerour, Marion A., and H. C. Devine, Jr., assignors to Summerour & Devine, Inc., Kansas City, Mo. Lighting fixture. 118,515; Jan. 9.
Sunbeam Electric Manufacturing Co. (See Morgan, John R., assignor.)
Sundberg, Carl W. (See Hammell, K. M., and Sundberg.)
Sun-Kraft, Inc. (See Furedy, Frank, assignor.)
Suomala, John B., Haddonfield, N. J., assignor to Radio Corporation of America. Phonograph record player 121,427; July 9.
Susi, Michael A., Brooklyn, assignor to Vogue Prints, Inc., New York, N. Y. Textile fabric or similar article. 120,163; Apr. 23.
Sussin, Victor J., assignor to Litho Equipment & Supply Company, Chicago, Ill. Reproduction machine. 121,105; June 18.
Sussman, Fannie, New York, N. Y. Dress. 118,788; Jan. 30.
Sussman, Fannie, New York, N. Y. Dress ensemble. 119,367; Mar. 5.
Sussman, Fannie, New York, N. Y. Dress. 119,563; Mar. 19.
Sussman, Fannie, New York, N. Y. Dress. 120,101; Apr. 16.
Suter, Eugene F., New York, M. J. Suter, Bronxville, and H. Beike, Glendale, assignors to Eugene, Ltd., New York, N. Y. Hair dryer. 124,049; Dec. 17.
Suter, Eugene F., New York, M. J. Suter, Bronxville, and H. Beike, Glendale, assignors to Eugene, Ltd., New York, N. Y. Combined hood and bracket for hair dryers. 124,050; Dec. 17.
Suter, Marcel J. (See Suter, Eugene F. and M. J., and Bieke.)
Sutton, Elie, Brooklyn, N. Y. Pillow case or similar article. 124,375; Dec. 31.
Sutton, Harry G., Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Dry cleaning unit. 120,681; May 21.
Svenson, Ernest J., Rockford, Ill. Power operated valve unit. 120,821; May 28.
Swank Products, Inc. (See Baer, Lawrence E.)
Swank Products, Inc. (See Bowder, David H., assignor.)
Swanson, Oscar A. (See Taylor, J. G., Wilson, and Swanson.)
Swanson, Ziegner, De Kalb, Ill. Musical instrument. 120,232; Apr. 30.
Swartz, Abraham, New York, N. Y. Dress. 118,545; Jan. 9.
Swartz, Wendell H., assignor of one-half to R. McClain, Marion, Ind. Supporting wall bracket. 121,526; July 16.
Swartzbaugh Manufacturing Company, The. (See Hammell, K. M., and Sundberg, assignors.)
Swaybill, Walter, New York, N. Y. Dress. 123,542; Nov. 12.
Swearingen, Alva L., and R. T. Painton, Kansas City, Kans. Keeper placer. 124,211; Dec. 24.
Sweetland, Ernest J., Piedmont, Calif. Combined warming and drying apparatus. 118,730; Jan. 30.
Sweetwine, Jennie, Detroit, Mich. Window seat. 122,805; Oct. 1.
Swenson, Carl O., Chicago, Ill. Knife. 119,443; Mar. 12.
Swibold, Percival D. (See Weyhing, R. L., and Swibold.)
Swift Business Machines Corporation. (See Llorens, Louis M., assignor.)
Swindell Brothers, Incorporated. (See Dunnock, John L., assignor.)
Tabb, Carroll C., assignor to Frostbrand Furniture Mfg. Co., Shreveport, La. Lawn or porch glider. 121,461; July 9.
Tabb, Carroll C., assignor to Frostbrand Furniture Mfg. Co., Shreveport, La. Lawn or porch glider. 121,462; July 9.
Tabb, Carroll C., assignor to Frostbrand Furniture Mfg. Co., Shreveport, La. Combined bench and table. 122,174; Aug. 27.
Tabin, Adrian, Chicago, Ill. Textile fabric. 119,351; Mar. 5.
Tabin-Picker & Company. (See Gentile, Robert S., assignor.)
Tager, Charles I., New York, N. Y. Stapling machine. 119,078; Feb. 20.
Tahiti Corporation. (See D'Addario, Thomas, assignor.)
Talge, Foster L. (See Majewski, Joseph M., Jr., assignor.)

Talge, Foster L., doing business as Rival Manufacturing Company. (See Majewski, J. M., Jr., assignor.)
Talmadge, Sayward O., Richmond Hill, N. Y. Toy lighthouse combination. 121,309; July 2.
Tammen, Glenn W., Chicago, Ill. Plate coating machine. 121,823; Aug. 6.
Tammen, Glenn W., assignor to Binks Manufacturing Company, Chicago, Ill. Combined container closure and spray gun unit for coating materials or the like. 119,053; Feb. 20.
Tammen, Glenn W., assignor to Binks Manufacturing Company, Chicago, Ill. Sprayer unit for preventing offset in printing or the like. 119,289; Mar. 5.
Tammen, Glenn W., assignor to Binks Manufacturing Company, Chicago, Ill. Fluid pump or the like. 120,533; May 14.
Tammen, Glenn W., Chicago, Ill., assignor to American Type Founders, Inc., Elizabeth, N. J. Plate whirler. 120,581; May 14.
Tammen, Glenn W., Chicago, Ill., assignor to American Type Founders, Inc., Elizabeth, N. J. Platemaker's sink. 120,582; May 14.
Tammen, Glenn W., Chicago, assignor to American Type Founders, Inc., Elizabeth, N. J. Printer's saw. 120,792; May 28.
Tammen, Glenn W., Chicago, Ill., assignor to Hart & Cooley Manufacturing Company, Holland, Mich. Register. 121,822; Aug. 6.
Tammen, Glenn W., Chicago, Ill., assignor to Kearney & Trecker Corporation, West Allis, Wis. Milling machine knee. 121,824; Aug. 6.
Tang, Margaret H., New York, N. Y. Bead or similar article. 121,024; June 11.
Tanis, Helen, Chicago, Ill. Multiple envelope or similar paskage. 123,512; Nov. 12.
Tank Car Stations, Inc. (See Foster, Ralph E., assignor.)
Taradash, Murray M., Fall River, Mass. Chenille negligee. 121,428; July 9.
Taradash, Murray M., Fall River, Mass. Chenille negligee. 121,429; July 9.
Tarr, Julius, Brooklyn, N. Y. Sofa or similar article. 121,968; Aug. 13.
Tarr, Julius, Brooklyn, N. Y. Sofa or similar article. 121,969; Aug. 13.
Taubert, George G., Pittsfield, Mass., assignor to General Electric Company. Combination calendar-desk unit. 124,295; Dec. 24.
Tausend, Francis, New York, N. Y. Tablecloth or similar article. 120,188; Apr. 23.
Tausend, Francis, New York, N. Y. Tablecloth or similar article. 120,189; Apr. 23.
Tausend, Francis, New York, N. Y. Tablecloth or similar article. 120,190; Apr. 23.
Tausend, Francis, New York, N. Y. Tablecloth or similar article. 120,191; Apr. 23.
Taylor, Carl C. (See Taylor, James Y. and C. C.)
Taylor Instrument Companies. (See Brown, H. Brainard, assignor.)
Taylor, James G., and R. C. Wilson, Fairfield, and O. A. Swanson, Dayton, Ohio, assignors to the Government of the United States of America, as represented by the Secretary of War. Low wing cantilever monoplane. 121,430; July 9.
Taylor, James G., and R. C. Wilson, Fairfield, and O. A. Swanson, Dayton, Ohio, assignors to the Government of the United States of America, as represented by the Secretary of War. Low wing cantilever monoplane. 121,431; July 9.
Taylor, James Y. and C. C., Brownwood, Tex. Combined nursing bottle holder, time indicator and thermometer. 123,513; Nov. 12.
Taylor, Rollin P., assignor to General Motors Corporation, Detroit, Mich. Radiator grille for an automobile. 122,933; Oct. 8.
Teach, Max K., Columbus, Ohio. Display case or similar article. 119,408; Mar. 12.
Teague, Walter D. (See Fuerst, E. W., and Teague, assignors.)
Teague, Walter D., New York, N. Y., assignor to The Cleveland Welding Company, Cleveland, Ohio. Chair. 118,610; Jan. 16.
Teague, Walter D., New York, N. Y., assignor to Montgomery Ward and Company, Chicago, Ill. Bicycle. 121,106; June 18.
Teague, Walter D., Annandale, N. J., and C. S. Myers, New York, N. Y., assignors to The Floyd-Wells Company, Royersford, Pa. Range. 124,160; Dec. 17.
Tech Equipment Company. (See Williams, Bradlee W. and H. S., assignors.)
Teetor, Lothair, assignor to The Perfect Circle Company, Hagerstown, Ind. Display rack for pistons and connecting rod assemblies. 119,969; Apr. 16.
Teich, Curt, & Company. (See Teich, Curt, assignor.)
Teich, Curt, assignor to Curt Teich & Company, Inc., Chicago, Ill. Display rack for post cards. 118,394; Jan. 2.
Tengel, Louis, Geneva, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Line guide for fishing rods. 118,586; Jan. 16.
Ternstedt Manufacturing Company. (See Curtiss, George E., assignor.)
Ternstedt Manufacturing Company. (See Hollindale, Wilfred H., assignor.)
Terrie, Daniel G., Rockville Centre, N. Y. Building. 121,107; June 18.
Terryberry, Arthur P. (See Terryberry, Herbert R. and A. P.)
Terryberry, Herbert R. and A. P., Grand Rapids, Mich. Finger ring. 120,492; May 14.
Terryberry, Herbert R. and A. P., Grand Rapids, Mich. Finger ring. 120,493; May 14.
Terryberry, Herbert R. and A. P., Grand Rapids, Mich. Finger ring. 122,701; Sept. 24.
Tesher, Saul. (See Adler, L., Wegeman, and Tesher.)
Tested Papers of America, Inc. (See Kneebone, John R., assignor.)
Tetco Co. (See Saffell, Harold V., assignor.)
Teunisz, William C., Grand Rapids, Mich. Milk bottle. 123,965; Dec. 10.
Teunisz, William C., Grand Rapids, Mich. Milk bottle. 124,122; Dec. 17.
Texter, Elmer C., and C. G. Shocknesse, Detroit, Mich. Combined frozen confection, support, and drip catcher. 118,840; Feb. 6.
Thal, Bernard, Boston, assignor to R. I. Bradley, Belmont, doing business as Precision Products Company, Waltham, Mass. Combined ash tray and cigarette snuffer. 123,927; Dec. 10.
Thal, Bernard, Allston, Boston, assignor to R. I. Bradley, Belmont, doing business as Precision Products Company, Waltham, Mass. Combined ash tray and cigarette snuffer. 123,928; Dec. 10.
Thal, Bernard, Allston, Boston, assignor to R. I. Bradley, Belmont, doing business as Precision Products Company, Waltham, Mass. Combined ash tray and cigarette snuffer. 123,929; Dec. 10.
Thal, Bernard, Allston, Boston, assignor to R. I. Bradley, Belmont, doing business as Precision Products Company, Waltham, Mass. Combined ash tray and cigarette snuffer. 123,930; Dec. 10.
Thatcher Manufacturing Company. (See Niver, Raymond W., assignor.)
Thayer Company. (See Troendle, William C., assignor.)
Theobald, Jean G., assignor to International Silver Company, Meriden, Conn. Tray or other article of hollowware. 110,407; Mar. 12.
Theobald, Jean G., assignor to International Silver Company, Meriden, Conn. Dish or other article of hollowware. 118,990; Feb. 13.
Theobald, Jean G., assignor to International Silver Company, Meriden, Conn. Dish or other article of hollowware. 119,406; Mar. 12.
Theobald, Jean G., assignor to International Silver Company, Meriden, Conn. Tray or other article of hollowware. 120,900; June 4.
Theodoropulos, Aristede A., New Haven, Conn. Long range bomber monoplane. 123,705; Nov. 26.
Therrios, Angelo A., Jersey City, N. J. Condiment holding dish or similar article. 123,356; Oct. 29.
Thomas & Betts Co., The. (See Thomas, George C., Jr., assignor.)
Thomas, Charles D., Batavia, assignor of one-half to H. J. Baer, Hamburg, N. Y. Combined vehicle radio antenna, ventilator, and rear vision mirror. 121,603; July 23.
Thomas, Charles D., Batavia, assignor of one-half to H. J. Baer, Hamburg, N. Y. Vehicle. 123,514; Nov. 12.
Thomas, Dimitri, Chicago, Ill. Collapsible serving stand. 120,792; May 28.
Thomas, George C., Jr., assignor to The Thomas & Betts Co., Elizabeth, N. J. Pipe coupler. 118,575; Jan. 16.
Thomas, Laurence H. (See Kuhn, F., and Thomas.)
Thomas, Norman M., Pelham, assignor to Joe Lowe Corporation, New York, N. Y. Confectionery product. 121,133; June 18.
Thomason, Paul E., Charlotte, N. C. Gasoline service station building. 123,640; Nov. 19.
Thompson, Etta, St. Louis, Mo. Pillow. 124,296; Dec. 24.
Thompson, George W., Brooklyn, N. Y. Game board. 121,579; July 23.
Thompson, Luther, Morganton, N. C. Combination coal and Wood stove. 122,702; Sept. 24.
Thompson, Robert L. (See Turner, J. B., II, Thompson, and Waters.)
Thompson, William H., Brookline, assignor to French, Shriner & Urner Manufacturing Co., Boston, Mass. Shoe. 118,576; Jan. 16.
Thorp, Joel R., assignor to The Fulton Company, West Allis, Wis. Safety latch for automobile doors. 120,366; May 7.
Thro, Lyle, Minneapolis, Minn., assignor to General Mills, Inc. Toy airplane. 118,953; Feb. 13.
Tichenor, Don, Battle Creek, Mich., assignor to M. C. Friedman, Hollywood, Fla., and I. M. Stone, Cleveland, Ohio. Lifter for a broiler or the like. 122,910; Oct. 8.
Tillman, Abe, New York, N. Y. Woven textile fabric. 121,042; June 11.
Timesaver Products Company. (See Mossback, W., and Menard, assignors.)
Timme, E. F., & Son. (See Biva, Lucien.)
Timme, Otto, Estate of. (See Biva, Lucien.)
Tinker, Theodore, Norwalk, Conn., and G. von der Lin, Jackson Heights, N. Y. Combined lamp, radio, and clock. 118,550; Jan. 9.
Tinker, Walter H., assignor to The Ohio Injector Company, Wadsworth, Ohio. Injector body. 119,774; Apr. 2.
Tint, Mollie, New York, N. Y. Dress. 118,516; Jan. 9.

Tint, Mollie, New York, N. Y. Dress. 118,517; Jan. 9.
Tint, Mollie, New York, N. Y. Dress. 118,518; Jan. 9.
Tint, Mollie, New York, N. Y. Dress. 118,519; Jan. 9.
Tint, Mollie, New York, N. Y. Dress. 119,149; Feb. 20.
Tint, Mollie, New York, N. Y. Dress. 119,564; Mar. 19.
Tint, Mollie, New York, N. Y. Dress. 119,683; Mar. 26.
Tint, Mollie, New York, N. Y. Dress. 119,734; Mar. 26.
Tips, Carl A., New York, N. Y. Textile fabric. 118,438; Jan. 2.
Tips, Carl A., New York, N. Y. Textile fabric. 118,886; Feb. 6.
Tips, Carl A., New York, N. Y. Textile fabric. 119,138; Feb. 20.
Tips, Carl A., New York, N. Y. Textile fabric. 124,084; Dec. 17.
Tips, Carl A., New York, N. Y. Textile fabric. 124,130; Dec. 17.
Tips, Carl A., New York, N. Y. Textile fabric. 124,131; Dec. 17.
Tips, Carl A., New York, N. Y. Textile fabric. 124,132; Dec. 17.
Tips, Carl A., New York, N. Y. Textile fabric. 124,133; Dec. 17.
Tisch, Frank, New York, N. Y. Dress. 121,025; June 11.
Tishler, Martin M., Roxbury, Mass. Shoe. 120,149; Apr. 23.
Tishler, Martin M., Roxbury, Mass. Shoe. 120,150; Apr. 23.
Tobey, Albert T., Binghamton, N. Y., assignor to Spaulding Bakeries, Inc. Display container. 120,151; Apr. 23.
Tobin, Clarke W., South Orange, N. J., assignor to Propper-McCallum Hosiery Co. Inc., New York, N. Y. Stocking or similar article. 118,439; Jan. 2.
Tobler, Gabriel, Union City, N. J. Lace trimming or similar article. 121,580; July 23.
Tobler, Hans, and O. Hallbauer, Union City, N. J. Embroidered trimming. 118,459; Jan. 9.
Tobler, Hans, and O. Hallbauer, Union City, N. J. Embroidered trimming. 118,460; Jan. 9.
Tobler, Hans, and O. Hallbauer, Union City, N. J. Embroidered trimming. 118,486; Jan. 9.
Tobler, Hans, and O. Hallbauer, Union City, N. J. Embroidered trimming. 118,487; Jan. 9.
Toby Clark Company. (See Wilhite, Hollis, assignor.)
Todd Company, The. (See Pierce, Gilbert L., assignor.)
Toledo Automotive Products Co., The. (See Pass, Arthur R., assignor.)
Toledo Porcelain Enamel Products Company, The. (See Bastress, Ernest K., assignor.)
Toledo Porcelain Enamel Products Company, The. (See Smith, Earle S., assignor.)
Tolmack, Benny B., San Francisco, Calif. Edible food shell. 119,054; Feb. 20.
Tolosi, Mary, New York, N. Y. Dress. 119,079; Feb. 20.
Tolosi, Mary, New York, N. Y. Dress. 119,080; Feb. 20.
Tolosi, Mary, New York, N. Y. Dress ensemble. 119,689; Mar. 26.
Tolosi, Mary, New York, N. Y. Dress. 119,690; Mar. 26.
Tolosi, Mary, New York, N. Y. Dress ensemble. 119,829; Apr. 2.
Tompson, Edward C., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Battery selector. 122,806; Oct. 1.
Toombs, Walter H., Pineville, La. Game board. 122,038; Aug. 20.
Topps Chewing Gum, Inc. (See Fink, Karl, assignor.)
Torrington Company, The. (See St. Onge, Walter J., assignor.)
Tousley, Nelson E., Waban, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Shoe sole. 123,898; Dec. 10.
Tower, Forrest L., Mendota, Ill. Anchor. 118,869; Feb. 6.
Towle Manufacturing Company. (See Kalashian, Aram R., assignor.)
Towle Manufacturing Company. (See O'Connell, John S., assignor.)
Towne, Carlton G., Swissvale, assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Dessert mold or similar article. 118,461; Jan. 9.
Towne, Carlton G., Swissvale, assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Dessert mold or similar article. 118,462; Jan. 9.
Towne, Carlton G., Edgewood, assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Food warmer or similar article. 118,841; Feb. 6.
Townsend, Dorothy B., Washington, D. C. Hat. 120,085; Apr. 16.
Townsend, James W., assignor of one-half to The Alaska Freezer Co., Inc., Winchendon, Mass., and one-half to Sears, Roebuck and Co., Chicago, Ill. Ice cream freezer. 118,954; Feb. 13.
Townsley, Malcolm G., assignor to The Bell & Howell Company, Chicago, Ill. Photographic exposure meter case. 121,026; June 11.
Trabucco, Vincent R., Steger, Ill. Game table, or similar article. 123,515; Nov. 12.
Trask, Allen, St. Paul, assignor to Walter Haertel Products Co., Minneapolis, Minn. Combined motor and blower housing for fur beaters. 122,934; Oct. 8.
Trebitsch, Oscar, New York, N. Y. Pajama. 119,565; Mar. 19.
Trebitsch, Oscar, New York, N. Y. Pajama. 119,566; Mar. 19.
Treece, Arthur C. (See Warner, F. W., Jr., and Treece.)
Treo Products Corporation. (See Crosby, John J., assignor.)
Tresenberg, Paul, Springfield Gardens, N. Y., Paper napkin holder. 120,518; May 14.
Trevisan, Louis A., Bloomfield, N. J., assignor to American Can Company, New York, N. Y. Box or similar container. 118,870; Feb. 6.
Trevisan, Louis A., Bloomfield, N. J., assignor to American Can Company, New York, N. Y. Box or similar container. 118,893; Feb. 6.
Trevisan, Louis A., Bloomfield, N. J., assignor to American Can Company, New York, N. Y. Box or similar container. 118,920; Feb. 6.
Trevisan, Louis A., Bloomfield, N. J., assignor to American Can Company, New York, N. Y. Box or similar container. 120,746; May 28.
Trevor, John B. (See Farrington, S. P., and Trevor.)
Trew, James W., Gettysburg, Pa. Combined fruit display and container therefor. 120,233; Apr. 30.
Triangle Conduit & Cable Co. (See Fisher, Joseph S., assignor.)
Trilling, Raymond, Chicago, Ill. Bird nest. 123,825; Dec. 3.
Trimble Nurseryland Furniture, Inc. (See De Puy, Charles T., assignor.)
Trimmings, Inc. (See Roman, John, assignor.)
Triple-A-Specialty Company. (See Eden, Harold W., assignor.)
Triple "E" Products Co. (See Hoffmann, Edward C., assignor.)
Troendle, William C., assignor to Thayer Company, Gardner, Mass. Stroller. 121,800; Aug. 6.
Trojan, José, assignor to Owen Householder, and David C. Cohen, copartners doing business as Crystal Manufacturing Co., Chicago, Ill. Sign or similar article. 124,212; Dec. 24.
Trollen, Martin E., assignor to Brown & Bigelow, St. Paul, Minn. Ash tray. 121,937; Aug. 13.
Trollen, Martin E., assignor to Brown & Bigelow, St. Paul, Minn. Thermometer. 123,068; Oct. 15.
Trombley, August C., assignor of seven-tenths to H. Naiman, Washington, D. C. Swinging target game device. 122,577; Sept. 17.
Tropic-Aire, Incorporated. (See Faulstich, H. W., and Lueneburg, assignors.)
Tropic Aire, Incorporated. (See Fink, Henry W., assignor.)
Troxel Manufacturing Company, The. (See Kalter, Harold E., assignor.)
Trozzi, Thomas, New York, N. Y. Coat. 118,520; Jan. 9.
Trubl-Fre Automobile Service Co. (See Wells, Samuel R., assignor.)
Trump, Elno H. (See Johnson, W., and Trump.)
Tru-Shot Corporation. (See Shailor, Frank E., Sr., assignor.)
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Book cover, or similar article. 118,678; Jan. 23.
Trussell Manufacturing Company. (See Trussell, Clarence D., assignor.)
Tucker, Stephen M., assignor to Eastman Kodak Company, Rochester, N. Y. Picture frame. 121,353; July 2.
Tuller, Erwin, Beaverton, Oreg. Weeding knife. 120,876; June 4.
Tullis, Boyd W., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Cook stove. 118,731; Jan. 30.
Tullis, Boyd W., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Gasoline flatiron. 119,646; Mar. 26.
Tullis, Boyd W., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Stove. 120,152; Apr. 23.
Tullis, Boyd W., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Liquid hydrocarbon flatiron. 122,948; Oct. 8.
Tuman, Philip, New York, N. Y. Dress ensemble. 119,926; Apr. 9.
Tuman, Philip, New York, N. Y. Dress ensemble. 120,036; Apr. 16.
Tuman, Ruth, New York, N. Y. Dress. 122,560; Sept. 10.
Tuman, Ruth, New York, N. Y. Dress. 122,561; Sept. 10.
Tuman, Ruth, New York, N. Y. Dress. 122,562; Sept. 10.
Tupper, Arthur H., New York, N. Y. Shoe or similar article. 118,521; Jan. 9.
Tupper, John B., Upper Montclair, N. J. Photographic reproduction unit. 123,606; Nov. 19.
Tupper, John B., Upper Montclair, N. J. Photographic reproduction unit. 123,607; Nov. 19.
Turet, David, and B. Roberts, New York, N. Y. Combined tie clasp and pencil. 122,132; Aug. 27.
Turk, Charles E., New York, N. Y. Elastic textile fabric. 118,795; Jan. 30.
Turner Company. (See Turner, J. B., II, Thompson, and Waters, assignors.)
Turner, Day & Woolworth Handle Company, The. (See McCulloch, Montgomery F., assignor.)
Turner, John B., II, R. L. Thompson, and E. W. Waters, assignors to Turner Company, Cedar Rapids, Iowa. Embalming apparatus. 121,333; July 2.
Turner, Ruth, Arlington, Va. Toy dog. 123,641; Nov. 19.

Turner, Thomas G., assignor to Monarch Marking System Company, Dayton, Ohio. Price tag marking machine. 123,939; Dec. 10.
Turnheim, Anna K., New York, N. Y. Watch or the like. 120.657; May 21.
Turoff, William J., New York, N. Y. Dress. 121,985; Aug. 13.
Turoff, William J., New York, N. Y. Dress. 121,986; Aug. 13.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 118,691; Jan. 23.
Turpan, Mark, Englewood, N. J. Textile fabric or similar article. 118,796; Jan. 30.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 118,797; Jan. 30.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 118,798; Jan. 30.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 119,106; Feb. 20.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 119,115; Feb. 20.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 120,519; May 14.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 121,263; June 25.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 121,376; July 9.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 121,377; July 9.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 121,378; July 9.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 121,379; July 9.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 121,380; July 9.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 121,381; July 9.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 121,382; July 9.
Tuthill Pump Company. (See Huber, Matthew W., assignor.)
Tuttle, William R., and C. W. Stickel, assignors to The Kurlash Company, Inc., Rochester, N. Y. Display container. 124,051; Dec. 17.
Tutundgy, Mary, New York, N. Y. Negligee or similar article. 124,161; Dec. 17.
Twaddell, Beatrice, St. Louis, Mo. Dress. 123,898; Dec. 10.
Twaddell, Beatrice, St. Louis, Mo. Dress. 124,166; Dec. 17.
Tygart Valley Glass Company. (See Hinkins, Ernest A., assignor.)
Tygart Valley Glass Company. (See Noble, Olbert C., assignor.)
Tyler, Theodore R., Minneapolis, Minn., assignor to The Hamilton Corporation. Rotary pump body or similar article. 118,842; Feb. 6.
Uecker, Reinhold A., D. E. Beatty, Wauwatosa, and L. C. Oertle, Milwaukee, assignors to Safway Steel Scaffolds Co. of Wisconsin, Wauwatosa, Wis. Portable grandstand frame. 122,610; Sept. 17.
Uecker, Reinhold A., D. E. Beatty, Wauwatosa, and L. C. Oertle, Milwaukee, assignors to Safway Steel Scaffolds Co. of Wisconsin, Wauwatosa, Wis. Portable grandstand frame. 122,611; Sept. 17.
Ugoa Game Company. (See Anderson, Thomas M., assigor.)
Uhlemann, Theodore R., Antioch, Ill. Bridge for an ophthalmic mounting. 122,280; Sept. 3.
Uihlein, George V., Worcester, Mass. Rug or similar article. 118,679; Jan. 23.
Uihlein, George V., Worcester, Mass. Rug or similar article. 119,481; Mar. 12.
Uihlein, George V., Worcester, Mass. Rug or similar article. 119,482; Mar. 12.
Uihlein, George V., Worcester, Mass. Rug or similar article. 119,483. Mar. 12.
Uihlein, George V., Worcester, Mass. Carpet or similar article. 121,342; July 2.
Ullman, Fred. (See Fein, J., and Ullman.)
Ullman, Furth, New York, N. Y. Textile fabric. 120,841; May 28.
Ullman, Furth, assignor to Joseph Berlinger Co., New York, N. Y. Textile fabric. 121,644; July 23.
Ulmann, Bernhard, Co. Inc. (See Gorska, Leja, assignor.)
Underwood Elliott Fisher Company. (See Anderson, Walter A., assignor.)
Ungar, Benjamin, New York, N. Y. Bracelet or similar article. 123,719; Nov. 26.
Union Oil Company of California. (See Stewart, A. C., and Weber, assignors.)
Union, Philip. (See Union, Rubin and P.)
Union, Rubin and P., Baltimore, Md. Chair or similar article. 122,730; Sept. 24.
Union Steel Products Company. (See Gosnell, Herbert M., assignor.)
United Autographic Register Co. (See Budlong, Robert D., assignor.)
United Metal Goods Manufacturing Co. Inc. (See Levy, A., and Punzak, assignors.)
United Shoe Machinery Corporation. (See Cocozella, Anthony, assignor.)
United Shoe Machinery Corporation. (See Johnson, Charles A., assignor.)
United Shoe Machinery Corporation. (See Lyness, Horatio S., assignor.)
United Shoe Machinery Corporation. (See Nutt, William H., assignor.)
United States Glass Company. (See Carlson, Charles W., assignor.)
United States Glass Company. (See Kostellow, Rowena R., assignor.)
United States Hoffman Machinery Corporation. (See Sutton, Harry G., assignor.)
United States Radiator Corporation. (See McIntire, James F., assignor.)
United States Rubber Company. (See Allen, John E., assignor.)
United States Rubber Company. (See Cady, John E., assignor.)
United States Rubber Company. (See Cady, J. E., Macdonald, and Null, assignors.)
United States Rubber Company. (See Ewart, Elliott S., assignor.)
United States Rubber Company. (See Fitzgerald, Lucille B., assignor.)
United States Rubber Company. (See Moonan, Lawrence G., assignor.)
United States Rubber Company. (See Ostrander, Robert K., assignor.)
U. S. Shoe Corporation. (See Daniels, Ernest M., assignor.)
United Steel and Wire Company. (See Griffin, Francis D., assignor.)
Universal Button Fastening & Button Company. (See Dawson, Curtis W., assignor.)
Universal Camera Corporation. (See Brownscombe, P. J., and Kertesz, assignors.)
Universal Camera Corporation. (See Cazin, Otto K., assignor.)
Universal Camera Corporation. (See Kende, George, assignor.)
Universal Camera Corporation. (See Kende, G., and Salvatore, assignors.)
Universal Camera Corporation. (See Robinton, Frank A., assignor.)
Universal Dental Company. (See Lambdin, Winfred, assignor.)
Universal Optical Company. (See Bosworth, Thomas E., assignor.)
Universal Stamping Mfg. Co. (See Morgan, Thomas J., assignor.)
Urann, Marcus L., assignor to Cranberry Canners, Inc., South Hanson, Mass. Bottle stopper. 124,085; Dec. 17.
Uslaner, Esther, Jackson Heights, Long Island, N. Y. Foundation garment. 122,107; Aug. 20.
Utley, Ray C., and A. Feilchenfeld, Jr., Chicago, Ill. Hat steamer. 122,949; Oct. 8.
Utter, Harold O., Richmond, Ind., assignor to P. R. Dudley, Marion, Ohio. Combined burial casket handle and escutcheon. 122,807; Oct. 1.
Utter, Harold O., Richmond, Ind., assignor to P. R. Dudley, Marion, Ohio. Combined burial casket handle and escutcheon. 122,808; Oct. 1.
Utter, Harold O., Richmond, Ind., assignor to P. R. Dudley, Marion, Ohio. Combined burial casket handle and escutcheon. 122,809; Oct. 1.
Utter, Harold O., Richmond, Ind., assignor to P. R. Dudley, Marion, Ohio. Combined burial casket handle and escutcheons. 124,213; Dec. 24.
Utter, Harold O., Richmond, Ind., assignor to P. R. Dudley, Marion, Ohio. Combined burial casket handle and escutcheons. 124,214; Dec. 24.
Uziel, Jack, New York, N. Y. Braid or similar article. 118,395; Jan. 2.
Uziel, Jack, New York, N. Y. Braid or similar article. 118,396; Jan. 2.
Vaisey, Harold C. (See Mix, E. S., and Vaisey.)
Vaisey, Harold C., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Medal or the like. 118,397; Jan. 2.
Vaisey, Harold C., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Medal or the like. 118,871; Feb. 6.
Vandegrift, William B., Dayton, Ohio. Punch board or similar article. 119,055; Feb. 20.
Vandenberg, Paul W., Elmhurst, and E. W. Enthof, assignors to Crane Co., Chicago, Ill. Boiler. 119,567; Mar. 19.
Vandenberg, Paul W., Elmhurst, and E. W. Enthof, assignors to Crane Co., Chicago, Ill. Boiler. 119,568; Mar. 19.
Vandenborre, Rene, New York, N. Y., assignor to Parker Brothers, Incorporated, Salem, Mass. Game device. 121,004; June 11.
Van der Does, Jean A., and S. K. Lederman, New York, N. Y. Textile fabric. 124,481; Dec. 31.
Van Dine, John, Fair Lawn, N. J. Combination pen staff and nib therefor. 123,706; Nov. 26.
Van Doren, Harold. (See Dailey, D. E., and Van Doren.)
Van Doren, Harold, Toledo, Ohio, assignor to Baker Perkins Inc., Saginaw, Mich. Dough rounding machine. 119,775; Apr. 2.
Van Doren, Harold, and D. Dailey, Toledo, and G. M. Geiger, Mount Gilead, Ohio, assignors to The Hydraulic Development Corporation, Inc., Wilmington, Del. Gear pump. 119,311; Mar. 5.

Van Doren, Harold, and D. Dailey, Toledo, and G. M. Geiger, Mount Gilead, Ohio, assignors to The Hydraulic Development Corporation, Wilmington, Del. Gear pump. 119,312; Mar. 5.
Van Doren, Harold L., and D. E. Dailey, assignors to Western Cataphote Corporation, Toledo, Ohio. Reflecting sign. 119,313; Mar. 5.
Van Eenenaam, John E., et al., co-partners. (See Roth, Stanley, assignor.)
Van Gaasbeek, William H., East Orange, N. J. Gauge glass cleaner. 122,039; Aug. 20.
Van Houten, Stephen T., Allendale, N. J. Fire detecting device. 119.200; Feb. 27.
Van Sciver, Hugh R., Trenton, N. J., assignor to Crane Co., Chicago, Ill. Closet bowl. 119,871; Apr. 9.
Van Valin, Forrest D., et al. (See Van Valin, William B., assignor.)
Van Valin, William B., Greenville, Ill., assignor of one-fourth to F. D. Van Valin, Washington, D. C., and one-fourth to L. M. Munn, Hillsdale, Mich. Sport doll. 121,500; July 16.
Van Woert, Kenneth B., Sr., Los Altos, Calif. Combined can holder and dispenser. 123,580; Nov. 19.
Vassos, John, Silver Mine, Conn., assignor to L. E. Waterman Company, Newark, N. J. Fountain-pen 118,872; Feb. 6.
Vassos, John, Silver Mine, Conn., assignor to L. E. Waterman Company, Newark, N. J. Clip for a fountain pen or similar article. 118,873; Feb. 6.
Vaughan Novelty Manufacturing Company. (See Fender, Ferdinand E., assignor.)
Vaughn, Henry P., assignor to Grand Rapids Store Equipment Co., Grand Rapids, Mich. Display case. 119,647; Mar. 26.
Vaughn, Henry P., assignor to Grand Rapids Store Equipment Co., Grand Rapids, Mich. Display case. 122,189; Aug. 27.
Vega Airplane Company. (See Short, M., and Reedy, assignors.)
Veit, Howard, New York, N. Y. Textile fabric. 121,143; June 18.
Veit, Roland W., Cleveland, assignor to J. D. Rogers, Bay Village, Ohio. Chair or similar article. 122,703; Sept. 24.
Velardi, Salvatore, New York, N. Y. Dress. 119,352; Mar. 5.
Velz, Roland J., Colorado Springs, Colo. Game board. 121,108; June 18.
Vendig, Malcolm A., Sands Point, Long Island, N. Y. Cigarette container. 120,559; May 14.
Vendig, Malcolm A., Sands Point, Long Island, N. Y. Cigarette case. 121,825; Aug. 6.
Veneman, Carl C., assignor of one-half to L. M. Glaser, Beverly Hills, Calif. Postal scale. 122,426; Sept. 10.
Venner, William M. (See Flammang, J., P. L. Bowser, Venner, and P. L. Bowser, Jr.)
Verdura, Inc. (See Mann, Joseph B., assignor.)
Verlys of America, Inc. (See Mehrer, Ted, assignor.)
Verrecchio, Gene, Providence, R. I. Brooch pin or similar article. 123,280; Oct. 29.
Verrecchio, Gene, Providence, R. I., assignor to Cohn & Rosenberger, Inc., New York, N. Y. Brooch or similar article. 120,979; June 11.
Verrecchio, Gene, Providence, R. I., assignor to Coro-Gram, Inc., New York, N. Y. Brooch or similar article. 121,109; June 18.
Verrecchio, Gene, Providence, R. I., assignor to Coro-Gram, Inc., New York, N. Y. Brooch or similar article. 121,487; July 16.
Verrecchio, Gene, assignor to Cohn & Rosenberger Inc., Providence, R. I. Brooch or similar article. 121,735; July 30.
Verville, Andrew A., Nanuet, N. Y. Reed for a musical instrument. 119,602; Mar. 26.
Vesce, Frank J., Revere, Mass. Combined bottle breaker and cap remover. 124,430; Dec. 31.
Vickers Incorporated. (See Robinson, James, assignor.)
Vickers Incorporated. (See Zimmermann, Lukas, assignor.)
Victor Adding Machine Company. (See Kropp, Willis A., assignor.)
Victor Metal Products Corporation. (See Derham, Philip A., assignor.)
Victor Metal Products Corporation. (See Jung, Albert H.)
Victory Glass, Inc. (See Sheerer, Joseph T., assignor.)
Vigo, David, Ann Arbor, Mich. Paper holder equipped toilet bowl. 124,215; Dec. 24.
Villasenor, David V., assignor to L. G. Griffith, Los Angeles, Calif. Textile fabric or similar article. 121,043; June 11.
Vincent, Merton C. (See Saliba, E. M., and Vincent.)
Vipond, George W., Grand Rapids, Minn. Figure of a bird. 119,191; Feb. 27.
Virgile, Gabriel, Long Beach, N. Y. Textile fabric. 118,402; Jan. 2.
Virgile, Gabriel, New York, N. Y. Textile fabric. 124,482; Dec. 31.
Visser, John, assignor to F. L. Jacobs Company, Grand Rapids, Mich. Ash receiver or the like. 118,680; Jan. 23.
Vivaudou, Jean E., and H. G. Lubin, New York, N. Y. Combined perfume bottle, sachet balls, and container therefor. 120,415; May 7.
Vivaudou, Jean E., and H. G. Lubin, New York, N. Y. Wrapping paper. 120,520; May 14.
Vivaudou, Jean E., and H. G. Lubin, New York, N. Y. Combined sachet doll and container therefor. 123,438; Nov. 5.
Vivaudou, Jean E., and H. G. Lubin, New York, N. Y. Combined perfume bottle and holder therefor. 123,439; Nov. 5.
Vivaudou, Jean E., and H. G. Lubin, New York, N. Y. Combined sachet ball, perfume bottle, and holders therefor. 123,440; Nov. 5.
Vivaudou, Jean E., and H. G. Lubin, New York, N. Y. Combined perfume box, sachets, and container therefor. 123,516; Nov. 12.
Vogel, Edward A., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Magneto electric generator of flange mounting type. 119,208; Feb. 27.
Vogel, Edward A., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Magneto electric generator of base mounting type. 119,209; Feb. 27.
Vogel, Frank H. (See Vogel, Ralph A. and F. H., and Mulligan.)
Vogel, Ralph A., N. J. Mulligan, and F. H. Vogel, assignors to Wyandotte Mineral Water Inc., Columbus, Ohio. Beverage bottle or similar article. 121,707; July 30.
Vogel, Sol, Brooklyn, N. Y. Coat or similar article. 119,812; Apr. 2.
Vogel, Sol, Brooklyn, N. Y. Coat or similar article. 119,813; Apr. 2.
Vogel, Sol, Brooklyn, N. Y. Coat or similar article. 119,947; Apr. 16.
Vogel, Sol, Brooklyn, N. Y. Coat or similar article. 121,432; July 9.
Vogel, William E., Los Angeles, Calif. Lighting fixture. 120,025; Apr. 16.
Vogel, William E., Los Angeles, Calif. Lighting fixture. 120,026; Apr. 16.
Vogelback, William E. (See Christy, Robert T., assignor.)
Vogt, Frederick J., assignor to Knape & Vogt Manufacturing Company, Grand Rapids, Mich. Hat holder. 124,431; Dec. 31.
Vogue Prints, Inc. (See Susi, Michael A., assignor.)
Von Bilkau, Erna, New York, N. Y. Candle or the like. 119,507; Mar. 19.
Von Bilkau, Erna, New York, N. Y. Candle or the like. 119,776; Apr. 2.
Von der Lin, George. (See Tinker, T., and von der Lin.)
Von Miklos, Josephine, New York, N. Y. Bottle or similar article. 121,604; July 23.
Von Miklos, Josephine, New York, N. Y. Jar or similar article. 121,605; July 23.
Voos, Walter H., Mount Carmel, Conn. Combination key and knife. 118,577; Jan. 16.
Vuillemenot, Frederic A., assignor to The DeVilbiss Company, Toledo, Ohio. Atomizer tray. 118,655; Jan. 23.
Vuillemenot, Frederic A., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer. 118,921; Feb. 6.
Vuillemenot, Frederic A., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer. 118,922; Feb. 6.
Vuillemenot, Frederic A., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer. 121,404; July 9.
Vuillemenot, Frederic A., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer. 121,909; Aug. 13.
Vuillemenot, Frederic A., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer. 124,086; Dec. 17.
Vuillemenot, Frederic A., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer. 124,216; Dec. 24.
Vulcan Manufacturing Co. (See Born, Julius M., assignor.)
Vultee Aircraft, Inc. (See Palmer, Richard W., assignor.)
Wabash Appliance Corporation. (See Anderson, Lester F., assignor.)
Wackerman, Charles S., assignor to The American Fabrics Company, Bridgeport, Conn. Narrow woven fabric. 123,707; Nov. 26.
Waddell, Dean T., Greenfield, Ohio, assignor to E. J. Brach & Sons, Chicago, Ill. Merchandise display case. 119,508; Mar. 19.
Waddell, Dean T., Greenfield, Ohio, assignor to E. J. Brach & Sons, Chicago, Ill. Merchandise display cabinet. 119,509; Mar. 19.
Wade, William T., Los Angeles, Calif. Dish support or the like. 123,708; Nov. 26.
Wadsworth, Lester C., Detroit, Mich. Nut meat extractor. 123,441; Nov. 5.
Waechter, Harry J., Mount Healthy, assignor to P. Benninghofen and F. G. Diesbach, trustees, Hamilton, Ohio. Music stand. 120,114; Apr. 23.
Wagner, Louisa P., New York, N. Y. Egg holder. 122,175; Aug. 27.
Wagner, Mildred, New York, N. Y. Dress. 121,987; Aug. 13.
Wagner, Mildred, New York, N. Y. Dress. 121,988; Aug. 13.
Waite Carpet Company. (See Beck, August, assignor.)
Wald, Estelle, New York, N. Y. Game board. 122,578; Sept. 17.
Waldrop, Ernest, et al. (See Wheeler, Edwin F., assignor.)
Walgreen Co. (See Boylan, Louis A., assignor.)
Waligorski, Stanley A., Reading, Pa. Combined grave marker and flower holder. 120,633; May 21.

Walker, Ernest W., assignor to Concord Silversmiths, Ltd., Concord, N. H. Spoon or other article of flatware. 119,895; Apr. 9.
Walker, George W., Detroit, assignor to Lonergan Manufacturing Company, Albion, Mich. Cabinet for space heaters or the like. 121.027: June 11.
Walker, George W., Detroit, assignor to Lonergan Manufacturing Company, Albion, Mich. Cabinet for space heaters or the like. 121,028; June 11.
Walker, George W., Detroit, assignor to Lonergan Manufacturing Company, Albion, Mich. Cabinet for space heaters or the like. 121,029; June 11.
Walker, George W., Detroit, assignor to Lonergan Manufacturing Company, Albion, Mich. Cabinet for space heaters or the like. 121,030; June 11.
Wallace, R., & Sons Manufacturing Company. (See Warren, William S., assignor.)
Wallar, John A., Beverly Hills, Calif. Culinary cutting blade. 120,390; May 7.
Wallau, Alex L., New York, N. Y. Slipper sock or similar article. 122,324; Sept. 3.
Wallau, Alex L., New York, N. Y. Slipper sock or similar article. 122,325; Sept. 3.
Wallau, Alex L., New York, N. Y. Slipper sock or similar article. 122,326; Sept. 3.
Wallau, Alex L., New York, N. Y. Slipper sock or similar article. 122,345. Sept. 3.
Wals, Louis, New York, N. Y. Dress. 122,846; Oct. 1.
Wals, Louis, New York, N. Y. Dress. 122,964; Oct. 8.
Wals, Louis, New York, N. Y. Dress. 123,140; Oct. 15.
Walsh, Kenneth A. (See Fuller, W., and Walsh.)
Walsh, Thaddeus A. (See Woerner, C. F., and Walsh.)
Walther, John L., New York, N. Y. Textile fabric. 121.051: June 11.
Waltman, Chauncey E., Chicago, Ill., assignor to Dominion Electrical Manufacturing, Inc. Sandwich toaster or similar article. 122,473; Sept. 10.
Waltman, Chauncey E., Chicago, Ill., assignor to Dominion Electrical Manufacturing, Inc. Twin waffle iron or similar article. 122,474; Sept. 10.
Walton, A. G., & Co. Inc. (See McCarthy, Eugene J., assignor.)
Walton, Elbert J., assignor to H. G. Liebhardt, Denver, Colo. Hinge or similar article. 118,715; Jan. 30.
Wappner, Ralph C., assignor to The Ohio Thermometer Company, Springfield, Ohio. Desk thermometer. 121,501; July 16.
Ward, Lawrence T., East Orange, N. J. Siphon. 121,052; June 11.
Ward, Lawrence T., Philadelphia, Pa., assignor to Knapp-Monarch Company, St. Louis, Mo. Syphon or the like. 122,785; Oct. 1.
Ward Plastic and Rubber Company. (See Johnson, W., and Trump, assignors.)
Ware, Robert C., Minneapolis, Minn. Card holder. 119,338; Mar. 5.
Warford, Norman L., Allentown, Pa. Game board. 119,603; Mar. 26.
Warner, Arthur P., Beloit, Wis., assignor to Warner-Patterson Company, Chicago, Ill. Device for analyzing combustion motors. 121,084; June 18.
Warner, Frank W., Jr., Pittsfield, Mass., and A. C. Treece, Chicago, Ill., assignors to General Electric Company. Shoe heel. 119,662; Mar. 26.
Warner, Orson C., Worthington, Ohio. Bumper. 122,427; Sept. 10.
Warner-Patterson Company. (See Warner, Arthur P., assignor.)
Warren, James W., Los Angeles, Calif. Holder for crackers and cheese. 120,391; May 7.
Warren Telechron Company. (See Bruce, Leo I., assignor.)
Warren Telechron Company. (See Lockwood, Norman F., assignor.)
Warren, William S., Meriden, assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or other article of flatware. 121,724; July 30.
Warren, William S., Meriden, Conn., assignor to Pillsbury Flour Mills Company, Minneapolis, Minn. Spoon or other article of flatware. 122,675; Sept. 24.
Warren, William S., Meriden, Conn., assignor to Pillsbury Flour Mills Company, Minneapolis, Minn. Spoon or other article of flatware. 123,899; Dec. 10.
Warth, Dudley S., Longmeadow, Mass. Toilet hinge. 120,842; May 28.
Warthman, J. Harris, trustee. (See Sudell, Frank, assignor.)
Washington Institute of Technology, Inc. (See Shaw, Benson R., assignor.)
Wasserman, Jack, Lawrence, N. Y. Dress. 118,429; Jan. 2.
Wasserman, Jack, Lawrence, N. Y. Dress. 118,534; Jan. 9.
Wasserman, Jack, Lawrence, N. Y. Dress. 118,535; Jan. 9.
Wasserman, Jack, Lawrence, N. Y. Dress. 122,965; Oct. 8.
Watanabe, Chikazo, Los Angeles, Calif. Shoe sole. 119,290; Mar. 5.
Watanabe, Chikazo, Los Angeles, Calif. Shoe sole. 119.291; Mar. 5.
Waterbury Buckle Company, The. (See La Vigne, Jerome R., assignor.)
Waterbury, Ronald J., Birmingham, Ala., assignor to General Motors Corporation, Detroit, Mich. Front fender for a vehicle. 123,330; Oct. 29.
Waterbury, Ronald J., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Automobile front fender. 124,134; Dec. 17.
Waterfield, James, assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 119,948; Apr. 16.
Waterfield, James, assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 119,949; Apr. 16.
Waterfield, James, assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 119,950; Apr. 16.
Waterfield, James, assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 119,951; Apr. 16.
Waterfield, James, assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 119,952; Apr. 16.
Waterfield, James, assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 119,970; Apr. 16.
Waterfield, James, assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 119,971; Apr. 16.
Waterfield, James, assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 119,972; Apr. 16.
Waterfield, James, assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 119,973; Apr. 16.
Waterfield, James, assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 119,974; Apr. 16.
Waterman, L. E., Company. (See Vassos, John, assignor.)
Waters, Everett W. (See Turner, J. B., II, Thompson, and Waters.)
Watkins, Frank W., Cleveland, Ohio. Draftsman's lamp. 121,606; July 23. p
Watling, Albert J., assignor to W. Watling, Chicago, Ill. Scale. 119,292; Mar. 5.
Watling, Burns S., assignor to Watling Scale Company, Chicago, Ill. Combined weighing scale and mirror. 119,056; Feb. 20.
Watling, Burns S., Hinsdale, assignor to Watling Scale Company, Chicago, Ill. Weighing scale. 119,604; Mar. 26.
Watling Scale Company. (See Watling, Burns S., assignor.)
Watling, William. (See Watling, Albert J., assignor.)
Watral, Henry J., Queens Village, N. Y. Rack for cups, saucers, or the like. 120,494; May 14.
Watral, Henry J., Queens Village, N. Y. Combination tumbler carrier and rack. 121,405; July 9.
Watson, Max, assignor to Jubilee Manufacturing Company, Omaha, Neb. Display stand for automobile horns. 122,047; Aug. 20.
Watson, Max, assignor to Jubilee Manufacturing Company, Omaha, Nebr. Display stand for automobile horns. 122,428; Sept. 10.
Watson-Stillman Co., The. (See Farley, Francis S., assignor.)
Wax, George T., Baton Rouge, La. Electric hand saw. 120,534; May 14.
Wax, Jack. (See Greenberg, M., and Wax.)
Waxberg, Augusta, Bronx, N. Y. Dress or similar article. 123,642; Nov. 19.
Waxberg, Augusta, New York, N. Y. Dress. 123,990; Dec. 10.
Waxberg, Augusta, New York, N. Y. Dress. 124,123; Dec. 17.
Waxberg, Augusta, New York, N. Y. Dress. 124,124; Dec. 17.
Waxberg, Augusta, New York, N. Y. Dress. 124,226; Dec. 24.
Weatherwax, Leon J., assignor of fifty per cent to R. B. Menefee and fifty per cent to S. Menefee, Toledo, Wash. Milk bottle. 122,579; Sept. 17.
Weaver, Frank R., assignor to E. C. Atkins & Company, Indianapolis, Ind. Saw handle. 121,502; July 16.
Webber, Joseph T., assignor to R. B. Lacey, Kalamazoo, Mich. Thermohydrometer or similar article. 119,293; Mar. 5.
Weber, Frank K., East Greenbush, assignor to Mohawk Brush Company, Albany, N. Y. Hair brush. 118,422; Jan. 2.
Weber, Frank R., Troy, assignor to Mohawk Brush Company, Albany, N. Y. Brush. 120,843; May 28.
Weber, Kem. (See Stewart, A. C., and Weber.)
Weber, Max, Brooklyn, N. Y. Knitted fabric. 119,252; Feb. 27.
Weber, William W., Mount Vernon, N. Y. Textile fabric. 121,134; June 18.
Wedgwood, Josiah, & Sons, Inc., of America. (See Skellern, Victor, assignor.)
Wedgwood, Josiah, & Sons, Inc., of America. (See Skellern, V., and Goodwin, assignors.)
Weeber, Marion, New York, N. Y. Brooch or similar article. 124,125; Dec. 17.
Weeber, Marion, assignor to Cohn & Rosenberg, Inc., New York, N. Y. Clip or similar article. 120,925; June 4.

Wegeman, William. (See Adler, L., Wegeman, and Tesher.)
Wegman, Jules G., assignor to Bastian Brothers Company, Rochester, N. Y. Lapel button. 122,040; Aug. 20.
Wehmiller, Frederick W. (See Herold, J. L., and Wehmiller.)
Weil, Lewis P., Germantown, Pa. Combination supporting frame and flower holder. 118,488; Jan. 9.
Weil, Lewis P., Germantown, Pa. Nursery lamp. 118,522; Jan. 9.
Weil, Lewis P., Cynwyd, Pa. Combination supporting frame and flower holder. 123,193; Oct. 22.
Weiland, Alberta B., New York, N. Y. Dress. 119,353; Mar. 5.
Weill, Milton, New York, N. Y., assignor to Arrow Manufacturing Company, Incorporated, Hoboken, N. J. Display case. 123,069; Oct. 15.
Weinberg, Albert B., Merrick, N. Y. Dress. 119,444; Mar. 12.
Weinberg, Albert B., Merrick, N. Y. Dress. 123,527; Nov. 12.
Weinberg, Sol, New York, N. Y. Textile fabric. 121,756; July 30.
Weingarten, Harold C., New York, N. Y. Dress ensemble. 120,829; May 28.
Weinreich, Sol E., New York, N. Y. Brooch or similar article. 122,619; Sept. 17.
Weinstein, Bertha, New York, N. Y. Hood. 122,639; Sept. 17.
Weinstein, Maurice, New York, N. Y. Dress ensemble. 119,569; Mar. 19.
Weinstein, Maurice, New York, N. Y. Dress. 119,570; Mar. 19.
Weinstein, Maurice, New York, N. Y. Dress. 119,691; Mar. 26.
Weinstein, Morris, New York, N. Y. Coat. 122,213; Aug. 27.
Weinstein, Morris, New York, N. Y. Coat. 122,346; Sept. 3.
Weirich, Fred O., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Lawn sprinkler. 123,442; Nov. 5.
Weirich, Fred O., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Lawn sprinkler. 123,443; Nov. 5.
Weis, Henry, Manufacturing Company. (See Hoople, Warner W., assignor.)
Weisburg, Henry L., New York, N. Y. Dress. 122,304; Sept. 3.
Weisburg, Henry L., New York, N. Y. Dress. 122,305; Sept. 3.
Weisel, Philip, New York, N. Y. Dress. 119,692; Mar. 26.
Weiss, Arthur, Chicago, Ill. Dress. 123,660; Nov. 19.
Weiss, Edward A., Attleboro, Mass., assignor to Guyot Brothers Company, Incorporated. Jewelry component. 118,763; Jan. 30.
Weiss, Edward A., Attleboro, Mass., assignor to Guyot Brothers Company, Incorporated. Jewelry component. 119,872; Apr. 9.
Weiss, Jacob M., Brooklyn, N. Y. Sandglass timer. 122,475; Sept. 10.
Weiss, Roger, New York, N. Y. Wall paper. 123,009; Oct. 8.
Welch, Kenneth C. (See Williams, P. G., and Welch.)
Weller, Ernest E. (See Ashton, Pearl F., assignor.)
Welling, William M. (See Rieger, Fred, assignor.)
Welling, William M., New York, N. Y. Combined bracelet and watch. 119,192; Feb. 27.
Welling, William M., New York, N. Y. Combined watch and bracelet or similar article. 120,368; May 7.
Wellman, Howard C. (See Merriman, W. E., and Wellman.)
Wellman, Howard C., assignor to Eastman Kodak Company, Rochester, N. Y. Motion picture projector. 124,263; Dec. 24.
Wellman, Howard C., assignor to Eastman Kodak Company, Rochester, N. Y. Motion picture projector. 124,264; Dec. 24.
Wellman, Howard C., assignor to Eastman Kodak Company, Rochester, N. Y. Motion picture projector. 124,280; Dec. 24.
Wells, Samuel R., assignor to Trubl-Fre Automobile Service Co., Kansas City, Mo. Identification emblem. 120,367; May 7.
Wells, William, Firthcliffe, N. Y. Woven pile fabric. 121,310; July 2.
Wells, William, Firthcliffe, N. Y. Woven pile fabric. 121,311; July 2.
Wells, William, Firthcliffe, N. Y. Woven pile fabric. 121,312; July 2.
Wells, William, Firthcliffe, N. Y. Woven pile fabric. 121,313; July 2.
Welsh, James W., Providence, R. I., assignor to Welsh Manufacturing Company. Sun glasses. 118,843; Feb. 6.
Welsh Manufacturing Company. (See Welsh, James W., assignor.)
Wendland, William C., Superior, Wis. Bathtub or similar article. 119,528; Mar. 19.
Wendt, Charles A., Milwaukee, Wis. Pool table. 122,580; Sept. 17.
Wenett, Philip, New York, N. Y. Dress. 120,717; May 21.
Wenger, Louis, Sabetha, Kans. Housing for feed mixer. 123,517; Nov. 12.
Wentling, Margaret E., St. Paul, Minn. Doll. 119,409; Mar. 12.
Wentling, Margaret E., St. Paul, Minn. Doll. 119,410; Mar. 12.
Wentling, Margaret E., St. Paul, Minn. Doll. 119,411; Mar. 12.
Wentling, Margaret E., St. Paul, Minn. Doll. 119,412; Mar. 12.
Wentling, Margaret E., St. Paul, Minn. Doll. 119,413; Mar. 12.
Werman, Jack, Brooklyn, N. Y. Insole for a shoe. 121,708; July 30.
Werner, Alfred M. (See Clackett, C. W., and Werner.)
Werner, Frank C., Grand Rapids, Mich. Cooky. 120,037; Apr. 16.
Wertheim, Adolph, Brooklyn, N. Y. Shoe or similar article. 119,294; Mar. 5.
Wertz, Louis S., Inc. (See Elliott, Harvey F., assignor.)
Wesix Electric Heater Company. (See Hicks, William W., assignor.)
West, James V., Arlington, Va. Automobile license plate ornament. 123,317; Oct. 29.
West, Robert W., Miami, Fla. Table. 118,463; Jan. 9.
West, William B., assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Display merchandiser case or similar article. 121,440; July 9.
West, William B., assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Display stand or similar article. 121,709; July 30.
West, William B., assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Display stand or similar article. 121,710; July 30.
West, William B., assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Display stand or similar article. 121,711; July 30.
West, William B., assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Display stand or similar article. 123,357; Oct. 29.
West, William B., assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Display stand or similar article. 123,358; Oct. 29.
Western Cataphote Corporation. (See Van Doren, H. L., and Dailey, assignors.)
Western Lithograph Company. (See Wood, Arthur F., assignor.)
Western Union Telegraph Company, The. (See Ramhorst, William J., assignor.)
Western Union Telegraph Company, The. (See Ramhorst, W. J., and Ridings, assignors.)
Westgaard, Odin A., assignor to Modern Plastics Company, Los Angeles, Calif. Drawer pull. 118,464; Jan. 9.
Westgaard, Odin A., assignor to Modern Plastics Company, Los Angeles, Calif. Drawer pull. 118,955; Feb. 13.
Westinghouse Electric & Manufacturing Company. (See Barnsteiner, Alfons, assignor.)
Westinghouse Electric & Manufacturing Company. (See Hadley, Donald L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kruck, Ralph E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rubel, Max J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Russell, William J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Winkler, F. C., and De Vries, assignors.)
Westinghouse Electric & Manufacturing Company. (See Young, Douglass A., assignor.)
Weston, Alexander S., New York, N. Y. Combined cigar lighter display and stand. 120,980; June 11.
Weston, Alexander S., New York, N. Y. Lighter. 123,770; Dec. 3.
Weston Electrical Instrument Corporation. (See Huber, P. P., and Guild, assignors.)
Weststrang, Thomas, Chicago, Ill. Cooking utensil for eggs, hamburger, pancacks, sandwiches or the like. 119,081; Feb. 20.
Wettlaufer, Violet E. (See Holdren, Earl R., assignor.)
Weyand, Joseph R., St. Louis, Mo. Shoe. 121,175; June 25.
Weyhing Bros. Mfg. Co. (See Wehying, R. L., and Swibold, assignors.)
Weyhing, Robert L., Detroit, and P. D. Swibold, Highland Park, assignors to Weyhing Bros. Mfg. Co., Detroit, Mich. Radio cabinet. 118,874; Feb. 6.
Whatmore, Delia F., Seattle, Wash. Shoe. 120,901; June 4.
Wheary, George H., assignor to Wheary Trunk Company, Racine, Wis. Luggage case. 119,510; Mar. 19.
Wheary Trunk Company. (See Levin, Abraham M., assignor.)
Wheary Trunk Company. (See Ruppel, Frederick C., assignor.)
Wheary Trunk Company. (See Wheary, George H., assignor.)
Wheary, Warren, Chicago, Ill. Combined sign frame and bicycle rack. 118,398; Jan. 2.
Wheeler, Edwin F., assignor of one-half to A. Goldsmith and E. Waldrop, Baltimore, Md. Amusement machine cabinet. 119,414; Mar. 12.
Wheeler, Frank S., Los Angeles, Calif. Wind deflector. 119,415; Mar. 12.

Wheeler, Henry H., Brooklyn, and J. P. Durning, St. Albans, N. Y., assignors to International Cigar Machinery Company. Cigar machine or similar article. 119,210; Feb. 27.
White, Bernard, New York, N. Y. Handbag. 121,144; June 18.
White, Clarence L. (See Morse, H. E., and White.)
White, Clarence L., Windsor, Vt., assignor to Wingfoot Corporation, Wilmington, Del. Shoe sole. 122,281; Sept. 3.
White, Hollis S., et al. (See Wilhite, Hollis S., assignor.)
White, Lynt. (See White, R. H., Hodgson, Jones, and White.)
White, Murray, Brookline, Mass. Dress. 120,291; Apr. 30.
White, Murray, Brookline, Mass. Dress. 120,695; May 21.
White, Robert H., R. H. Hodgson, B. Jones, Jr., and L. White, assignors to The Atlanta Stove Works, Inc., Atlanta, Ga. Stove. 122,151; Aug. 27.
Whitehall Patents Corporation. (See Marinsky, Davis, assignor.)
Whitehall Patents Corporation. (See Morin, Louis H., assignor.)
Whitehead, Della H., Del Rio, Tex. Ring or similar article. 119,814; Apr. 2.
Whitehead, Della H., Del Rio, Tex. Display rack for dresses or the like. 121,801; Aug. 6.
Whitehouse, John N., Camden, N. J. Fountain pen or similar article. 121,406; July 9.
Whitehouse, Louis A., Proctor, Vt., assignor to Dr. W. L. Karcher, Freeport, Ill. Burial monument. 118,844; Feb. 6.
Whiting Paper Company. (See Whiting, William, assignor.)
Whiting, William, assignor to Whiting Paper Company, Holyoke, Mass. Envelope. 123,247; Oct. 22.
Whitman, Preston Y., Birmingham, Ala. Illuminated sign frame. 119,511; Mar. 19.
Whittier, Elmer S., Bristol, assignor to The Cooper Oven Thermometer Company, Pequabuck, Conn. Thermometer. 123,117; Oct. 15.
Whittier, Horace R., Bristol, assignor to Cooper Oven Thermometer Company, Pequabuck, Conn. Thermometer. 119,512; Mar. 19.
Whittingham, Lorna, West Redding, Conn. Sweater or similar article of wearing apparel. 120,696; May 21.
Whittingham, Lorna, West Redding, Conn. Jersey waist. 120,697; May 21.
Whyte, Daniel D., Brooklyn, N. Y., assignor to R. M. McFadden, Los Angeles, Calif. Barrette. 119,082; Feb. 20.
Wickbergh, Albert G., Venice, Calif. Hack saw or similar article. 122,704; Sept. 24.
Wickbergh, Albert G., Venice, Calif. Hack saw or similar article. 122,705; Sept. 24.
Widess, David, Pasadena, Calif. Finger ring or similar article. 118,887; Feb. 6.
Wieder, Emanuel S. (See Friend, L., and Wieder.)
Wigley, John T., assignor to Onondaga Pottery Company, Syracuse, N. Y. Plate or similar article. 121,314; July 2.
Wildberg, Leslie K., Cleveland Heights, assignor to The Radiart Corporation, Cleveland, Ohio. Aerial. 118,627; Jan. 23.
Wildberg, Leslie K., Cleveland Heights, assignor to The Radiart Corporation, Cleveland, Ohio. Aerial. 121,334; July 2.
Wilde, Hans W., Cliffside Park, N. J. Textile fabric. 118,399; Jan. 2.
Wilde, Hans W., Cliffside Park, N. J. Textile fabric. 118,400; Jan. 2.
Wilhite, Hollis S., assignor to A. Lowrey and H. S. White, partners doing business as Toby Clark Company, Chicago, Ill. Chair. 121,885; Aug. 13.
Wilkie, Leighton A., Prairie View, Ill. Handwheel. 120,115; Apr. 23.
Wilkinson, Le Roy A., Aurora, Ill., assignor to The Showerway Company, Minneapolis, Minn. Lavatory unit. 119,295; Mar. 5.
Wilkinson, Le Roy A., Aurora, Ill., assignor to The Showerway Company, Minneapolis, Minn. Lavatory unit. 119,296; Mar. 5.
Wilkinson, Le Roy A., Aurora, Ill., assignor to The Showerway Company, Minneapolis, Minn. Lavatory with water heater. 124,423; Dec. 31.
Willard Storage Battery Company. (See Rolph, Samuel W., assignor.)
Willcox & Gibbs Sewing Machine Company. (See Wonnacott, Norman, assignor.)
Williams, Alfred L. W., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Electrical connector. 118,894; Feb. 6.
Williams, Alfred L. W., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Combined case and connector for a hearing aid receiver. 118,923; Feb. 6.
Williams, Alfred L. W., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Receptacle base for an electrical connector. 118,924; Feb. 6.
Williams, Arthur F., assignor to Wils Edge Corporation, St. Louis, Mo. Spectacle temple. 118,845; Feb. 6.
Williams, Arthur F., assignor to Wils-edge Corporation, St. Paul, Minn. Pair of partially rimless spectacles. 121,151; June 25.
Williams, Bradlee W. and H. S., Chicago, Ill. Arm rest for cardiometric machine. 123,424; Nov. 5.
Williams, Bradlee W. and H. S., assignors to Tech Equipment Company, Chicago, Ill. Combination pulse count and blood pressure indicating machine. 121,264; June 25.
Williams, Burdell S., Dayton, Ohio. Oil burner. 120,768; May 28.
Williams, Clifford A., New York, N. Y., assignor to Berg-Williams Corporation. Toothbrush. 123,254; Oct. 22.
Williams, Findley, Park Ridge, Ill., assignor to W. L. Stensgaard & Associates, Inc. Display form for swimming trunks or the like. 121,199; June 25.
Williams, Findley, Park Ridge, Ill., assignor to W. L. Stensgaard & Associates, Inc. Display stand for swimming trunks or the like. 121,200; June 25.
Williams, Findley, Park Ridge, Ill., assignor to Bissell Carpet Sweeper Company, Grand Rapids, Mich. Carpet sweeper end plate. 122,476; Sept. 10.
Williams, Findley, Park Ridge, Ill., assignor to Bissell Carpet Sweeper Company, Grand Rapids, Mich. Carpet sweeper. 122,477; Sept. 10.
Williams, Findley, Park Ridge, Ill., assignor to Bissell Carpet Sweeper Company, Grand Rapids, Mich. Carpet sweeper shell. 122,478; Sept. 10.
Williams, Harry E., and L. A. Durant, Chicago, Ill. Bumper-objective for a ball rolling game apparatus. 122,810; Oct. 1.
Williams, Harry E., and L. A. Durant, Chicago, Ill. Cabinet for a game apparatus. 123,900; Dec. 10.
Williams, Harry E., and L. A. Durant, Chicago, Ill. Game device for an amusement machine cabinet. 124,351; Dec. 31.
Williams, Harvey J., White Plains, N. Y. Plaque or similar article. 123,492; Nov. 12.
Williams, Homer S. (See Williams, Bradlee W. and H. S.)
Williams, Oliver H., assignor to Industrial Lamp Corp., Chicago, Ill. Lamp shade. 118,523; Jan. 9.
Williams, Oliver H., Chicago, Ill., assignor to Industrial Lamp Corporation. Lamp shade. 120,767; May 28.
Williams, Oliver H., Chicago, Ill. Louver lamp shade. 120,926; June 4.
Williams, Paul G., and K. C. Welch, assignors to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Shelving cabinet. 119,582; Mar. 19.
Williams, Robert, New York, N. Y. Combined desk and artificial fireplace. 121,110; June 18.
Williams, Robert G., Toledo, assignor to The Fulton Manufacturing Company, Wauseon, Ohio. Flashlight. 119,416; Mar. 12.
Willmarth, John H., Wilmette, assignor to Skilsaw, Inc., Chicago, Ill. Sanding machine. 123,425; Nov. 5.
Willson Products, Inc. (See Hettinger, Edwin L., assignor.)
Wilmet, Georges, Roslyn, assignor to Distilled Liquors Corporation, New York, N. Y. Bottle. 120,769; May 28.
Wilmsen, Bernard. (See Kranz, P., and Schmid, assignors.)
Wils-edge Corporation. (See Williams, Arthur F., assignor.)
Wilsey, Irven H., Chicago, Ill. Bowling game apparatus. 121,779; Aug. 6.
Wilson Distilling Co. Inc. (See Reinfeld, Joseph H., assignor.)
Wilson, Fredrick W., Port Orchard, Wash. Saw setting block. 119,331; Mar. 5.
Wilson, George, Nashville, Tenn., assignor to Advertising Scale Corporation, Washington, D. C. Scale casing. 121,780; Aug. 6.
Wilson, Harry B., Wilmette, assignor to Mathias Klein & Sons, Chicago, Ill. Lineman's climber. 119,896; Apr. 9.
Wilson, Joseph P., Columbia, S. C. Panel for an astrological and mystic robot. 121,343; July 2.
Wilson, Joseph P., Columbia, S. C. Unit for an astrological and mystic robot. 122,830; Oct. 1.
Wilson, Leo H. (See Johnson, L. F., and Wilson.)
Wilson, Raymond W., Glendale, Calif. Jet nozzle. 124,052; Dec. 17.
Wilson, Roscoe C. (See Taylor, J. G., Wilson, and Swanson.)
Wilson, Thurston B. (See Carragher, H. J., and Wilson.)
Wilson, William R., Detroit, Mich. Pipe coupling. 120,495; May 14.
Winans, John M., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Double dial clock. 122,327; Sept. 3.
Wingfoot Corporation. (See Hardy, Edwin R., assignor.)
Wingfoot Corporation. (See Kavenagh, W. E., and Post, assignors.)
Wingfoot Corporation. (See Morse, H. E., and White, assignors.)
Wingfoot Corporation. (See Sloteman, Donald K., assignor.)
Wingfoot Corporation. (See White, Clarence L., assignor.)
Winkler, Frederic C., Lakewood, and A. De Vries, Cleveland, Ohio, assignors to Westinghouse Electric & Manufacturing Company. Lighting fixture. 119,796; Apr. 2

Winkler, Frederic C., Lakewood, and A. De Vries, Cleveland, Ohio, assignors to Westinghouse Electric & Manufacturing Company. Lighting fixture. 119,797; Apr. 2.
Winston, Virginia, Jackson Heights, N. Y. Scarf or similar article. 120,682; May 21.
Wirklich, Abraham, New York, N. Y. Handbag. 121,354; July 2.
Wise, Lawrence, Bronx, assignor to Go-Gay Products Corp., New York, N. Y. Brooch or similar article. 121,215; June 25.
Wise, Solomon, Shaker Heights, Ohio. Locking cap for gasoline tank. 121,970; Aug. 13.
Wishnack, Daniel, Paterson, N. J. Elastic fabric. 118,925; Feb. 6.
Witchger, Eugene J., assignor to The Lufkin Rule Company, Saginaw, Mich. Case for tape measures. 120,369; May 7.
Withington, Winthrop, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Implement blade. 121,725; July 30.
Wittenberg, Edward H., assignor to National Pressure Cooker Company, Eau Claire, Wis. Pressure cooker. 122,786; Oct. 1.
Wittenberg, Edward H., assignor to National Pressure Cooker Company, Eau Claire, Wis. Pressure cooker. 122,787; Oct. 1.
Wittie, William W., Chicago, Ill. Automobile defroster fan bracket. 122,612; Sept. 17.
Wittl, Priscilla, Chicago, Ill. Scarf. 121,135; June 18.
Wlodyga, Stanley A., Bellwood, Ill. Christmas tree stand. 120,234; Apr. 30.
Wochner, Henry, assignor to Bear Manufacturing Company, Rock Island, Ill. Headlight testing machine. 123,070; Oct. 15.
Woerner, Carl F., and T. A. Walsh, Chicago, Ill. Lighting fixture. 121,290; July 2.
Woessner, Raymond A., Chicago, Ill. Wall paper. 123,561; Nov. 12.
Woessner, Raymond A., Chicago, Ill. Wall paper. 123,562; Nov. 12.
Woessner, Raymond A., Chicago, Ill. Wallpaper. 124,087; Dec. 17.
Woessner, Raymond A., Chicago, Ill. Wallpaper. 124,088; Dec. 17.
Wolcott, Frank E., West Hartford, assignor to The Silex Company, Hartford, Conn. Measuring dispenser. 121,781; Aug. 6.
Wolcott, Frank E., West Hartford, assignor to The Silex Company, Hartford, Conn. Combination pressing and steaming iron. 123,426; Nov. 5.
Wolf, Benjamin, Co. (See De Postels, Gertrude, assignor.)
Wolf, Julius, Cheltenham, Pa. Hat band. 122,104; Aug. 20.
Wolf, Semon, New York, N. Y. Slip. 122,563; Sept. 10.
Wolf, Semon, New York, N. Y. Slip. 123,563; Nov. 12.
Wolfelt, Curt, New York, N. Y. Slipper or similar article. 120,943; June 4.
Wolff, Carl R., Chicago, Ill. Cover for a combined washing machine and wringer. 119,513; Mar. 19.
Wolff, Jerome G. (See Huelster, O. J., and Wolff.)
Wolff, Malvina, New York, N. Y. Dress. 123,036; Oct. 8.
Wolff, Malvina, New York, N. Y. Dress. 123,141; Oct. 15.
Wolff, Malvina, New York, N. Y. Dress. 123,156; Oct. 15.
Wolff, Malvina, New York, N. Y. Dress. 123,349; Oct. 29.
Wolff, Malvina, New York, N. Y. Dress. 123,375; Oct. 29.
Wolff, Malvina, New York, N. Y. Dress. 123,376; Oct. 29.
Wolff, Malvina, New York, N. Y. Dress. 124,483; Dec. 31.
Wolff, Malvina, New York, N. Y. Dress. 124,484; Dec. 31.
Wolff, Otto E., West Newton, Mass., assignor to Polaroid Corporation, Dover, Del. Lamp. 123,771; Dec. 3.
Wolfinsohn, Arthur A., Chicago, Ill. Clock or similar article. 123,493; Nov. 12.
Wolk, Horace O., New York, N. Y. Coat. 119,581; Mar. 19.
Wolk, Horace O., New York, N. Y. Coat. 119,735; Mar. 26.
Wolk, Horace O., New York, N. Y. Coat. 120,051; Apr. 16.
Wolk, Horace O., New York, N. Y. Coat. 122,242; Aug. 27.
Wollrauch, Lucienne, Chicago, Ill. Dress. 120,698; May 21.
Wolman, Leonard, Chicago, Ill. Dress. 123,661; Nov. 19.
Wolverine Spice Company. (See Gill, Gaylord C., assignor.)
Wommer, Frederic, Carver, Minn., assignor of one-half to H. L. Reynolds, Pittsburgh, Pa. Casing for a therapeutic lamp. 118,846; Feb. 6.
Wonnacott, Norman, Scarsdale, assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Sewing machine frame. 122,176; Aug. 27.
Wood, Arthur F., West Los Angeles, assignor to Western Lithograph Company, Los Angeles, Calif. Display stand. 119,605; Mar. 26.
Wood, Chas. F., Los Angeles, assignor to C. G. Eckhart, San Marino, Calif. Combination lip rouge holder and applicator. 123,709; Nov. 26.
Wood, Edward L., Detroit, Mich. Coffee maker filter. 119,057; Feb. 20.
Wood, Grant, Iowa City, assignor to H. Lubben, Cedar Rapids, Iowa. Chair. 118,465; Jan. 9.
Wood, J. R., & Sons, Incorporated. (See Klecka, John J., assignor.)
Wood, Schuyler A., Dolgeville, N. Y. Shoe or similar article. 119,514; Mar. 19.
Wood, Schuyler A., Dolgeville, N. Y. Shoe or similar article. 119,515; Mar. 19.
Wood, Schuyler A., Dolgeville, N. Y. Shoe or similar article. 119,516; Mar. 19.
Wood, Schuyler A., Dolgeville, N. Y. Shoe or similar article. 119,517; Mar. 19.
Wood, Schuyler A., Dolgeville, N. Y. Shoe or similar article. 122,105; Aug. 20.
Woodcock, Robert D., Rockville Center, N. Y. Refuse truck. 123,966; Dec. 10.
Woods, Joseph W., Company. (See Scholle, Charles F., assignor.)
Woods, Robert J., Grand Island, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 122,564; Sept. 10.
Woodward, Frank M., Los Angeles, Calif. Frost dispeller. 123,633; Nov. 19.
Wooster Brush Company, The. (See Karst, Clarence E., assignor.)
Wooster Rubber Company, The. (See Caldwell, James R., assignor.)
Worcester Knitting Company, The. (See Anderson, Charna J. L., assignor.)
Worcester Lawn Mower Company. (See Loud, S. D., and Sullivan, assignors.)
Worth, Henry, and M. D. Goldsmith, New York, N. Y. Combined box and scoop. 123,940; Dec. 10.
Worthington, Everett, deceased, Scarsdale, N. Y., by L. Worthington, Berkeley, Calif., administratrix, assignor to American Can Company, New York, N. Y. Luggage catch or similar article. 121,265; June 25.
Worthington, Everett, deceased, Scarsdale, N. Y.; by L. Worthington, administratrix, Berkeley, Calif., assignor to American Can Company, New York, N. Y. Combined luggage handle and attachment plates. 123,466; Nov. 5.
Worthington, Lucile, Administratrix. (See Worthington, Everett.)
Wourseil, Judith, New York, N. Y. Dress ensemble. 123,749; Nov. 26.
Wourseil, Judith, New York, N. Y. Dress. 124,265; Dec. 24.
Wray, Florence M., West Nyack, N. Y. Stool. 121,826; Aug. 6.
Wright, Gwynne A., Columbus, Ohio. Combination mantel and bookcase or article of similar nature. 119,873; Apr. 9.
Wright, James N., Jr., Pasadena, Calif. Ash tray. 123,318; Oct. 29.
Wright, Robert F., Syracuse, N. Y. Exercising apparatus. 118,847; Feb. 6.
Wright, Russel, New York, N. Y. Vending machine. 121,005; June 11.
Wughalter, Abraham, New York, N. Y. Dress. 123,157; Oct. 15.
Wurlitzer, Rudolph, Company, The. (See Zaiser, William, assignor.)
Wusits, Olga. New York, N. Y. Dress. 118,789; Jan. 30.
Wuyts, Joseph, New York, N. Y. Necklace. 118,875; Feb. 6.
Wuyts, Joseph, Staten Island, N. Y. Brooch or similar article. 118,888; Feb. 6.
Wuyts, Joseph, New York, N. Y. Pin clip. 119,107; Feb. 20.
Wuyts, Joseph, New York, N. Y. Pin clip. 119,108; Feb. 20.
Wuyts, Joseph, New York, N. Y. Pin clip. 119,445; Mar. 12.
Wuyts, Joseph, New York, N. Y. Pin clip. 119,466; Mar. 12.
Wuyts, Joseph, New York, N. Y. Pin clip. 119,467; Mar. 12.
Wuyts, Joseph, New York, N. Y. Pin clip. 119,529; Mar. 19.
Wuyts, Joseph, New York, N. Y. Pin clip. 119,530; Mar. 19.
Wuyts, Joseph, New York, N. Y. Pin clip. 119,531; Mar. 19.
Wuyts, Joseph, New York, N. Y. Pin clip. 119,836; Apr. 2.
Wuyts, Joseph, New York, N. Y. Pin clip. 119,837; Apr. 2.
Wuyts, Joseph, New York, N. Y. Pin clip. 119,838; Apr. 2.
Wuyts, Joseph, New York, N. Y. Pin clip. 120,052; Apr. 16.
Wuyts, Joseph, New York, N. Y. Pin clip. 120,456; May 7.
Wuyts, Joseph, New York, N. Y. Pin clip. 120,457; May 7.
Wuyts, Joseph, New York, N. Y. Pin clip. 120,458; May 7
Wuyts, Joseph, New York, N Y. Pin clip. 120,474; May 7.

Wuyts, Joseph, New York, N. Y. Pin clip. 120,475; May 7.
Wuyts, Joseph, New York, N. Y. Pin clip. 120,560; May 14.
Wyandotte Mineral Water Inc. (See Vogel, Ralph A. and F. H., and Mulligan, asignors.)
Wykel, Charles, and P. Michel, Long Island, N. Y. Filing cabinet or similar article. 119,571; Mar. 19.
Wynacht, George A., Billings, Mont. Safety pot hook. 119,851; Apr. 9.
Yankee Metal Products Corp. (See Reed, Daniel E., assignor.)
Yant, William P., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Explosives carrier. 121,621; July 23.
Yellow Truck & Coach Manufacturing Company. (See Allen, Everett W., assignor.)
York Band Instrument Company. (See Johnson, Alfred J., assignor.)
York Safe and Lock Company. (See Bescherer, Palmer, assignor.)
Young, Douglass A., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company. Cover for an instrument casing. 121,581; July 23.
Young, Fred M., assignor to Young Radiator Company, Racine, Wis. Radiator shell. 124,135; Dec. 17.
Young, Leonard P., Chester, Conn. Soldering iron. 120,116; Apr. 23.
Young Radiator Company. (See Young, Fred M., assignor.)
Young, Raymond E., Harvey, Ill. Air conditioner. 118,790; Jan. 30.
Younghusband, James L., Chicago, Ill. Combined nail polish display and stand. 120,770; May 28.
Younghusband, James L., Chicago, Ill. Fountain lip brush. 124,190; Dec. 24.
Yount, Otto, San Angelo, Tex. Stool. 121,537; July 16.
Ypsilanti Reed Furniture Company. (See Houghton, Edwin J., assignor.)
Yuran, George L., Kansas City, Kans. Wind driven amusement device. 122,347; Sept. 3.
Yuni, Max S., New York, N. Y. Dress ensemble. 119,572; Mar. 19.
Zaborowski, Walter, Chicago, Ill. Heater. 119,314; Mar. 5.
Zahn, Leonard, New York, N. Y. Dress. 119,121; Feb. 20.
Zahn, Philip, New York, N. Y. Dress. 122,331; Sept. 3.
Zahn, Samuel, New York, N. Y. Dress. 122,243; Aug. 27.
Zahn, Samuel, New York, N. Y. Dress. 122,244; Aug. 27.
Zahn, Samuel, New York, N. Y. Dress. 122,245; Aug. 27.
Zahn, Samuel, New York, N. Y. Dress ensemble. 122,246; Aug. 27.
Zahn, Samuel, New York, N. Y. Dress ensemble. 122,247; Aug. 27.
Zahn, Samuel, New York, N. Y. Dress. 122,248; Aug. 27.
Zahn, Samuel, New York, N. Y. Dress ensemble. 122,249; Aug. 27.
Zahn, Samuel, New York, N. Y. Dress. 122,328; Sept. 3.
Zahn, Samuel, New York, N. Y. Dress. 122,329; Sept. 3.
Zahn, Samuel, New York, N. Y. Dress. 122,330; Sept. 3.
Zahn, Samuel, New York, N. Y. Dress. 122,348; Sept. 3.
Zahn, Samuel, New York, N. Y. Dress. 122,542; Sept. 10.
Zahn, Samuel, New York, N. Y. Dress. 122,565; Sept. 10.
Zahn, Samuel, New York, N. Y. Dress. 122,831; Oct. 1.
Zahn, Samuel, New York, N. Y. Dress. 123,374; Oct. 29.
Zaiser, William, Rockville Centre, N. Y. Grand piano. 121,441; July 9.
Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Piano. 119,518; Mar. 19.
Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Piano or the like. 121,527; July 16.
Zanghi, Maria F. (See Zanghi, Michael W., assignor.)
Zanghi, Michael W., Philadelphia, Pa., assignor to M. F. Zanghi, Philadelphia, Pa. Combination salt and pepper shaker. 122,306; Sept. 3.
Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 120,251; Apr. 30.
Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 120,278; Apr. 30.
Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 124,287; Dec. 24.
Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 124,288; Dec. 24.
Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 124,376; Dec. 31.
Zavicar, Andrew. (See Slazinik, J., and Zavicar.)
Zawisza, Edward P., assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 120,176; Apr. 23.
Zelinka, David, New York, N. Y. Coat. 118,524; Jan. 9.
Zell, David H., Brooklyn, N. Y. Vanity case or similar article. 119,798; Apr. 2.
Zelt, Elmer J., Fort Wayne, Ind., assignor to General Electric Company. Transformer. 123,931; Dec. 10.
Zerner, Irene, New York, N. Y. Dress. 122,988; Oct. 8.
Zerner, Irene, New York, N. Y. Dress. 122,989; Oct. 8.
Zerner, Irene, New York, N. Y. Dress. 123,331; Oct. 29.
Zidek, Stephen. (See Krueger, Arthur W., assignor.)
Ziebolz, Herbert, Chicago, Ill., assignor, by mesne assignments, to The Hays Corporation, Michigan City, Ind. Ratio meter. 123,194; Oct. 22.
Ziegler, Ralph B., assignor to Quaker City Iron Works, Philadelphia, Pa. Truck tank. 121,627; July 23.
Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Handle for kitchen utensils or similar articles. 118,401; Jan. 2.
Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Support for displaying photographs, cards and similar articles. 118,689; Jan. 23.
Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Can opener. 118,848; Feb. 6.
Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Handle for kitchen utensils or similar articles. 118,849; Feb. 6.
Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Flashlight lens. 119,815; Apr. 2.
Zimmer, Myron J., assignor to The Eward Katzinger Company, Chicago, Ill. Flashlight lens. 119,816; Apr. 2.
Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Beater for eggs, cream, or the like. 120,771; May 28.
Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Flashlight. 121,315; July 2.
Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Strainer. 123,142; Oct. 15.
Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Stirring apparatus. 123,581; Nov. 19.
Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Stirring apparatus. 123,582; Nov. 19.
Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Stirring apparatus. 123,583; Nov. 19.
Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Stirring apparatus. 123,608; Nov. 19.
Zimmerman, Edward C., assignor to Patent License Corporation, Chicago, Ill. Louvered light transmitting panel. 118,749; Jan. 30.
Zimmerman, Harry, New York, N. Y. Play table. 120,535; May 14.
Zimmerman, Herman W., Highland Park, assignor, by mesne assignments, to Automotive Maintenance Machinery Co., North Chicago, Ill. Torque measuring wrench. 119,193; Feb. 27.
Zimmerman, Samuel, New York, N. Y. Suit. 118,525; Jan. 9.
Zimmerman, Samuel, New York, N. Y. Suit. 118,526; Jan. 9.
Zimmerman, Samuel, New York, N. Y. Suit ensemble. 118,527; Jan. 9.
Zimmerman, Samuel, New York, N. Y. Coat. 118,528; Jan. 9.
Zimmerman, Samuel, New York, N. Y. Suit. 118,546; Jan. 9.
Zimmerman, Samuel, New York, N. Y. Coat. 119,030; Feb. 13.
Zimmerman, Samuel, New York, N. Y. Suit. 119,031; Feb. 13.
Zimmerman, Samuel, New York, N. Y. Suit. 122,758; Sept. 24.
Zimmerman, Samuel, New York, N. Y. Coat. 124,191; Dec. 24.
Zimmermann, Lukas, assignor to Vickers Incorporated, Detroit, Mich. Pump. 123,037; Oct. 8.
Ziniti, Evelyn, New York, N. Y. Shoe or similar article. 120,250; Apr. 30.
Ziniti, Evelyn, New York, N. Y. Shoe. 121,344; July 2.
Zinn, Joseph, New York, N. Y. Dress. 118,764; Jan. 30.
Zinn, Joseph, New York, N. Y. Dress. 118,791; Jan. 30.
Zinn, Joseph, New York, N. Y. Dress. 118,792; Jan. 30.
Zinn, Joseph, New York, N. Y. Dress. 119,083; Feb. 20.
Zinn, Joseph, New York, N. Y. Dress. 119,090; Feb. 20.
Zinn, Joseph, New York, N. Y. Dress. 119,150; Feb. 20.
Zinn, Joseph, New York, N. Y. Dress. 119,908; Apr. 9.
Zinn, Joseph, New York, N. Y. Dress. 119,927; Apr. 9.
Ziska, Joseph, Chicago, Ill. Basket or similar container. 120,794; May 28.
Zito, Carol, New York, N. Y. Combination toilet seat cover and bath mat, or similar article. 118,716; Jan. 30.
Zoll, Henry, Elmhurst, assignor to Eberhard Faber Pencil Co., Brooklyn, N. Y. Mechanical pencil or similar article. 119,417; Mar. 12.
Zoll, Henry, Elmhurst, N. Y., assignor to Eberhard Faber Pencil Co., Brooklyn, N. Y. Fountain pen or similar article. 124,266; Dec. 24.
Zuckerman, Harry, New York, N. Y. Coat. 118,529; Jan. 9.
Zuckerman, Harry, New York, N. Y. Coat. 118,530; Jan. 9.
Zuckerman, Harry, New York, N. Y. Coat. 118,547; Jan. 9.
Zuckerman, Harry, New York, N. Y. Coat. 118,548; Jan. 9.
Zuckerman, Harry, New York, N. Y. Coat. 118,549 Jan. 9.
Zuckerman, Harry, New York, N. Y. Coat. 119,012 Feb. 13.

Zuckerman, Harry, New York, N. Y. Coat. 119,013; Feb. 13.
Zuckerman, Harry, New York, N. Y. Coat. 119,014; Feb. 13.
Zuckerman, Harry, New York, N. Y. Coat. 119,015; Feb. 13.
Zuckerman, Harry, New York, N. Y. Coat. 119,109; Feb. 20.
Zuckerman, Harry, New York, N. Y. Suit. 119,233; Feb. 27.
Zuckerman, Harry, New York, N. Y. Coat. 119,234; Feb. 27.
Zuckerman, Harry, New York, N. Y. Coat. 119,235; Feb. 27.
Zuckerman, Harry, New York, N. Y. Suit. 119,368; Mar. 5.
Zuckerman, Harry, Brooklyn, N. Y. Coat. 123,851; Dec. 3.
Zuckerman, Harry, Brooklyn, N. Y. Coat. 124,432; Dec. 31.
Zuckerman, Max, Los Angeles, Calif. Shoe. 119,519; Mar. 19.
Zuckerman, Max, Los Angeles, Calif. Shoe. 119,573; Mar. 19.
Zuest, Frank, San Francisco, Calif. Combination ash tray and sponge cup. 120,795; May 28.
Zurawin, Raymond, New York, N. Y. Combined lamp and attaching clip. 123,281; Oct. 29.

LIST OF DISCLAIMERS

Abrams, Allen, Charley L. Wagner, and George W. Forcey, Wausau, Wis. Disclaimer filed by the assignee, Marathon Paper Mills Company. No. 2,054,115; disclaimer filed Dec. 11, 1939; v. 510; p. 6.

Adler, Benjamin H., Chicago, Ill. Disclaimer filed by the assignee, Ben Adler Signs, Inc. No. 2,038,978; disclaimer filed Aug. 9, 1940; v. 518; p. 12.

Ancrum, Robert William, Stockton-on-Tees, and Assur Gjessing Oppegaard, Billingham, England. Disclaimer filed by the assignee, Titan Company, Inc. No. 2,161,755; disclaimer filed Aug. 23, 1940; v. 518; p. 544.

Anderson, Ralph L., Moline, Ill. Disclaimer filed by the assignee, Deere & Company. No. 2,165,088; disclaimer filed May 31, 1940; v. 515; p. 825.

Arpin, Leonard George, and Andrew J. Bedwell, Fort Lauderdale, Fla. Disclaimer filed by the joint-inventor, Leonard George Arpin. No. 2,137,828; disclaimer filed Feb. 21, 1940; v. 512; p. 528.

Arveson, Maurice H., Flossmoor, Ill. Disclaimer filed by the assignee, Standard Oil Company. No. 2,148,006; disclaimer filed Mar. 4, 1940; v. 513; p. 6.

Ashton, Philip E., Meriden, Conn. Disclaimer filed by the assignee, The Cuno Engineering Corporation. No. 2,060,783; disclaimer filed Sept. 3, 1940; v. 519; p. 228.

Babb, Maynard A., North Bergen, N. J. Disclaimer filed by the inventor; the assignee, Duro Test Corporation, consenting. No. 2,155,816; disclaimer filed Mar. 30, 1940; v. 513; p. 755.

Banta, Clifford, Englewood, N. J. Disclaimer filed by the inventor; the assignee, The Barrett Company, consenting. No. 2,064,455; disclaimer filed Jan. 4, 1940; v. 510; p. 964.

Barkeij, Jean A. H., Altadena, Calif. Disclaimer filed by the inventor. No. 2,191,745; disclaimer filed May 9, 1940; v. 514; p. 1.

Bear, Paul S., Elkhart, Ind. Disclaimer filed by the assignee, Bucklen-Bear Laboratories, Inc. No. 2,132,921; disclaimer filed Apr. 2, 1940; v. 513; p. 1018.

Beggs, James E., Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,156,076; disclaimer filed Sept. 17, 1940; v. 519; p. 795.

Benedict, Edward L., and Robert L. Glose, Pittsburgh, Pa. Disclaimer filed by the assignee, Construction Materials Patents, Inc., Re. No. 18,188; disclaimer filed June 24, 1940; v. 516; p. 537.

Bent, Franklin A., Albert G. Loomis, and Howard C. Lawton, Berkeley, Calif. Disclaimer filed by the assignee, Shell Development Company. No. 2,169,458; disclaimer filed Oct. 1, 1940; v. 519; p. 1052.

Bertelsen, Jr., Leonard W., Brooklyn, N. Y. Disclaimer filed by the assignee, Armstrong Cork Company. No. 1,607,047; disclaimer filed Dec. 15, 1939; v. 510; p. 261.

Bourne, Roland B., Hartford, Conn. Disclaimer filed by the assignee, The Maxim Silencer Company. No. 2,017,744; disclaimer filed May 24, 1940; v. 515; p. 825.

Brown, Seymour, Syracuse, N. Y. Disclaimer filed by the assignee, Carrier Corporation. No. 2,150,487; disclaimer filed July 26, 1940; v. 517; p. 809.

Buc, Hyym E., Roselle, and Reuben Schuler, Elizabeth, N. J. Disclaimer filed by the assignee, Standard Oil Development Company. No. 2,045,749; disclaimer filed Apr. 3, 1940; v. 513; p. 755.

Buc, Hyym E., Roselle, N. J. Disclaimer filed by the assignee, Standard Oil Development Company. No. 2,104,412; disclaimer filed July 13, 1940; v. 517; p. 8.

Buchanan, Leslie B. M., Springfield, Mass. Disclaimers filed by the assignee, Westinghouse Electric & Manufacturing Company. Nos. 2,123,179 and 2,163,744; disclaimers filed Dec. 30, 1939, and Feb. 17, 1940; v. 510; p. 964; and v. 512; p. 239.

Burger, Emmett E., and Albert W. Hull, Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,071,196; disclaimer filed Apr. 18, 1940; v. 514; p. 282.

Caccia, Walter, White Plains, N. Y. Disclaimer filed by the assignee, John H. Unlandherm. No. 2,059,774; disclaimer filed May 7, 1940; v. 514; p. 830.

Cameron, Hugh M., Woodhaven, N. Y. Disclaimer filed by the assignee, The Brearley Company. No. 1,699,686; disclaimer filed Mar. 4, 1940; v. 512; p. 741.

Carter, John D., Lansdowne, Pa. Disclaimer filed by the assignee, Philadelphia Quartz Company. No. 2,015,359; disclaimer filed July 18, 1940; v. 517; p. 292.

Carter, Leslie F., Leonia, N. J. Disclaimer filed by the assignee, Sperry Gyroscope Company, Inc. No. 2,177,094; disclaimer filed Feb. 1, 1940; v. 511; p. 804.

Cartlidge, Frank, Terre Haute, Ind. Disclaimer filed by the assignee, Sullivan Machinery Company. No. 1,536,422; disclaimer filed June 18, 1940; v. 516; p. 277.

Chance, Thomas M., Philadelphia, Pa. (Two cases.) Disclaimers filed by Provident Trust Company and Marcus A. Walker, trustees under the will of Thomas M. Chance, deceased. Nos. 1,559,937 and 1,894,020; disclaimers filed March 25, 1940; v. 513; p. 500.

Christenson, Gust J., Chicago, Ill. Disclaimer filed by the assignee, Locomotive Firebox Company. No. 2,151,009; disclaimer filed Aug. 28, 1940; v. 518; p. 780.

Cilley, Osborn H., Lancaster, Pa. Disclaimer filed by the inventor; the assignee, Raybestos-Manhattan, Inc., assenting. No. 2,096,692; disclaimer filed Mar. 1, 1940; v. 512; p. 741.

Coffey, Irven E., St. Louis, Mo. Disclaimer filed by the assignee, Carter Carburetor Corporation. No. 2,139,355; disclaimer filed Oct. 2, 1940; v. 519; p. 1052.

Cohen, Joseph H., Bridgeport, Conn. Disclaimer filed by the assignee, Automatic Devices Corporation. No. 2,140,311; disclaimer filed Nov. 6, 1940; v. 521; p. 1.

Cover, Harvey S., South Bend, Ind. Disclaimer filed by the inventor. No. 2,106,795; disclaimer filed June 5, 1940; v. 516; p. 1.

Cross, Leonard W., Wheeling, W. Va. Disclaimer filed by the assignee, The Consolidated Expanded Metal Companies. No. 1,950,372; disclaimer filed Apr. 12, 1940; v. 513; p. 1018.

Davis, Robert F., Washington, D. C. Disclaimer filed by the assignee, The Edward Katzinger Company. Re. No. 21,143; disclaimer filed Oct. 26, 1940; v. 520; p. 527.

Dawson, George H., Chicago, Ill. Disclaimer filed by the assignee, Wilson-Jones Company. No. 2,073,049; disclaimer filed May 24, 1940; v. 515; p. 825.

Dawson, John W., Wilminsburg, Pa. Disclaimer filed by the assignee, Westinghouse Elec. & Manufacturing Company. No. 2,106,831; disclaimer filed Feb. 28, 1940; v. 512; p. 741.

Day, Salisbury M., Rochester, N. Y. Disclaimer filed by the assignee, General Railway Signal Company. No. 2,105,905; disclaimer filed May 18, 1940; v. 515; p. 288.

De Groote, Melvin, St. Louis, Mo. Disclaimer filed by the assignee, Petrolite Corporation, Ltd., No. 1,596,596; disclaimer filed Oct. 8, 1940; v. 520; p. 1.

De Orlow, Stephen, Detroit, Mich. Disclaimer filed by the assignee, Hancock Manufacturing Company. No. 2,091,673; disclaimer filed July 11, 1940; v. 521; p. 263.

De Simó, Martin, and Frederick B. Hilmer, Berkeley, Calif. Disclaimer filed by the assignee, Shell Development Company. No. 2,085,525; disclaimer filed Sept. 9, 1940; v. 519; p. 11.

Dicks, Thomas A., Pittsburgh, Pa. Disclaimer filed by the inventor; the assignee, United Aircraft Corporation, consenting. No. 2,124,549; disclaimer filed Jan. 17, 1940; v. 511; p. 276.

Dreyfus, Camille, New York, N. Y. Disclaimer filed by the assignee, Celanese Corporation of America. No. 1,773,967; disclaimer filed May 24, 1940; v. 515; p. 565.

Ellis, Carleton, Montclair, N. J. Disclaimer filed by the assignee, Ellis-Foster Company, the licensee, Plaskon Company, Incorporated, concurring and assenting. No. 1,846,853; disclaimer filed Aug. 17, 1940; v. 518; p. 253.

Else, Harry D., Springfield, Mass. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,053,425; disclaimer filed July 16, 1940; v. 517; p. 8.

Erter, John H., New York, N. Y. Disclaimer filed by the assignee, American Locomotive Company. No. 1,965,225; disclaimer filed Dec. 30, 1939; v. 510; p. 964.

Farnsworth, Philo T., San Francisco, Calif. Disclaimer filed by the assignee, Farnsworth Television & Radio Corporation. No. 2,104,253; disclaimer filed Apr. 1, 1940; v. 513; p. 755.

Feucht, Albert, Garfield Heights, Ohio. Disclaimer filed by the assignee, The Cleveland Rock Drill Company. No. 2,149,592; disclaimer filed Mar. 9, 1940; v. 513; p. 6.

Fillo, Francis B., Webster Groves, Mo. Disclaimer filed Apr. 26, 1940; No. 2,157,329; disclaimer filed Apr. 26, 1940; v. 514; p. 562.

Freedman, Benjamin H., Asbury Park, N. J. Disclaimer filed by the inventor. No. 2,187,685; disclaimer filed Oct. 21, 1940; v. 520; p. 272.

Fried, William B., Pittsburgh, Pa. Disclaimer filed by the assignee, Briktex, Incorporated. No. 2,135,572; disclaimer filed Mar. 23, 1940; v. 513; p. 500.

Frisch, Martin, Cranford, N. J. Disclaimer filed by the assignee, Foster Wheeler Corporation. No. 2,118,600; disclaimer filed Jan. 12, 1940; v. 511; p. 6.

Garner, Fred G., and George A. Auer, Chicago, Ill. Disclaimer filed by the assignee, Wagner Sign Service, Inc. No. 2,119,430; disclaimer filed July 5, 1940; v. 516; p. 1051.

Garrett, Henry, Dallas, Tex. Disclaimer filed by the assignee, National Electric Signal Company. No. 1,743,965; disclaimer filed May 3, 1940; v. 514; p. 830.

Gehrlein, Vincent, Erie, Pa. (Two cases.) Disclaimers filed by the assignee, Lovell Manufacturing Company. No. 1,709,071 and 1,709,125; disclaimers filed June 17, 1940; v. 515; p. 277; and v. 516; p. 277.

Goetz, Maurus T., Chicago, Ill. Disclaimer filed by the inventor; the assignee, Teletypesetter Corporation, consenting. No. 2,104,030; disclaimer filed Feb. 1, 1940; v. 511; p. 804.

Goranflo, Stanley, Philadelphia, Pa. Disclaimer filed by the assignee, New Process Fat Refining Corporation. No. 1,951,241; disclaimer filed Feb. 16, 1940; v. 512; p. 6.

Gottwald, Christian, Cleveland, Ohio. Disclaimer filed by the assignee, The Ric-Wil Company, and the inventor. No. 1,846,550; disclaimer filed Apr. 18, 1940; v. 514; p. 282.

Grosjean, James E., Lima, Ohio. Disclaimer filed by the assignee, The Lima Cord Sole & Heel Company. No. 1,650,511; disclaimer filed Oct. 15, 1940; v. 520; p. 272.

Hailes, William D., and Darrol F. De Long, Rochester, N. Y. Disclaimer filed by the assignee, General Railway Signal Company. No. 2,170,141; disclaimer filed Dec. 14, 1939; v. 510; p. 261.

Hall, Ralph W., and Henry A. Smith, Fort Wayne, Ind. Disclaimer filed by the assignee, General Electric Company. No. 2,169,097; disclaimer filed Apr. 27, 1940; v. 514; p. 562.

Hawkinson, Paul E., Minneapolis, Minn. Disclaimer filed by the assignee, Paul E. Hawkinson Company. No. 2,034,618; disclaimer filed Aug. 15, 1940; v. 518; p. 544.

Helmer, Robert, Douglaston, N. Y. Disclaimer filed by the assignee, Interchemical Corporation. No. 2,127,956; disclaimer filed May 14, 1940; v. 514; p. 1.

Hewitt, Jr., John C. and Vivian Edward Kuster, Long Beach, Calif. (Two cases.) Disclaimers filed by the assignee, Sperry-Sun Well Surveying Company; Nos. 2,144,061 and 2,154,162; disclaimers filed Apr. 18, 1940; v. 514; p. 282.

Hitchcock, Forest B., Greece, N. Y. Disclaimer filed by the assignee, General Railway Signal Company. No. 2,125,240; disclaimer filed May 18, 1940; v. 515; p. 288.

Holmes, Morris P., Claremont, N. H. Disclaimer filed by the assignee, Sullivan Machinery Company. No. 1,769,878; disclaimer filed June 15, 1940; v. 516; p. 277.

Hopkins, Frank H., Somerville, Mass. Disclaimer filed by the assignee, Manning, Maxwell & Moore, Incorporated. No. 1,484,068; disclaimer filed Dec. 20, 1939; v. 510; p. 778.

Hunt, Scott F., South Bend, Ind. Disclaimer filed by the assignee, Bendix Products Corporation. No. 2,124,778; disclaimer filed Aug. 1, 1940; v. 517; p. 809.

Ireland, Murray, Minneapolis, Minn. Disclaimer filed by the assignee, McGraw Electric Company. No. 1,866,808; disclaimer filed Nov. 12, 1940; v. 521; p. 263.

Jackson, John G., Detroit, Mich. Disclaimer filed by the assignee, Square D Company. No. 2,107,246; disclaimer filed Dec. 11, 1939; v. 510; p. 6.

Jackson, John G., and Wallace T. Allen, Detroit, Mich. Disclaimer filed by the assignee, Square D Company. No. 2,132,623; disclaimer filed Dec. 11, 1939; v. 510; p. 6.

Jerabek, Theophil, East Cleveland, Ohio. Disclaimer filed by the assignee, The Lincoln Electric Company. No. 1,956,327; disclaimer filed Jan. 19, 1940; v. 511; p. 275.

Johnson, Manfred J., Naugatuck, Conn. Disclaimer filed by the inventor and the assignee, The Lewis Engineering Company. No. 1,971,313; disclaimer filed Dec. 9, 1939; v. 510 p. 5.

Jones, Jr., George E., and Perry S. McCallen, Knoxville, Tenn. Disclaimer filed by the inventors and the assignee, Sanford Investment Company. No. 1,809,707; disclaimer filed Jan. 2, 1940; v. 510; p. 964.

Kalischer, Milton, Springfield, Mass. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,013,756; disclaimer filed Feb. 7, 1940; v. 511; p. 804.

Kaplan, Robert, Chicago, Ill. Disclaimer filed by the assignee, Filshie Lead Head Nail Company. No. 2,140,749; disclaimer filed June 17, 1940. v. 516; p. 278.

Kauffman, Walter L., II, Erie, Pa. (Two cases.) Disclaimers filed by the assignee, Lovell Manufacturing Company. Nos. 2,065,329 and 2,065,330; disclaimers filed June 17, 1940; v. 516; p. 278.

Kimball, James Lewis, Danvers, Mass. Disclaimer filed by the assignee, Ruggles -Klingemann Mfg. Co. No. 1,975,851; disclaimer filed May 20, 1940; v. 515; p. 565.

Klarmann, Emil., Jersey City, N. J. Disclaimer filed by the assignee, Lehn & Fink Products Corporation. No. 1,969,801; disclaimer filed Feb. 3, 1940; v. 511; p. 804.

Kleber, Jackson O., Long Island City, N. Y. Disclaimer filed by the assignees, Radio Corporation of America and Electrical Products Inc. No. 2,089,484; disclaimer filed Apr. 11, 1940; v. 513; p. 1018.

Klocke, William, Woodhaven, N. Y. Disclaimer filed by the patentee. No. 2,167,845; disclaimer filed Mar. 6, 1940; v. 513; p. 6.

Ladrach, Aaron G., Akron, Ohio. Disclaimer filed by the assignee, Illinois Tool Works. No. 2,122,818; disclaimer filed Apr. 15, 1940; v. 514; p. 6.

Laing, Gordon F., Minneapolis, Minn. Disclaimer filed by the assignee, The Brown Instrument Company; No. 2,136,695; disclaimer filed Feb. 20, 1940; v. 512; p. 239.

Lantz, Jr., William H., Minerva, Ohio. Disclaimer filed by the inventor; the assignee, American Electric Switch Corporation, assenting. No. 2,130,589; disclaimer filed May 2, 1940; v. 514; p. 562.

Lengyel, Carl, Buffalo, N. Y. Disclaimer filed by the patentee. No. 2,170,085; disclaimer filed Feb. 12, 1940; v. 511; p. 804.

Lewis, Harold M., Douglaston, Long Island, and Madison Cawein, Manhasset, N. Y. Disclaimer filed by the inventors; the assignee, Hazeltine Corporation, assenting. No. 2,137,123; disclaimer filed June 17, 1940; v. 516; p. 278.

Lincoln, Bert H., and Waldo L. Steiner, Ponca City, Okla. Disclaimer filed by the assignee, Continental Oil Company. No. 2,186,646; disclaimer filed Oct. 24, 1940; v. 521; p. 1.

Lindeke, Hans Friedrich, Martinez, Calif. Disclaimer filed by the assignee, Shell Development Company. No. 2,115,960; disclaimer filed Mar. 25, 1940; v. 513; p. 500.

Lindenblad, Nils E., Port Jefferson, N. Y. Disclaimer filed by the assignee, Radio Corporation of America. No. 1,927,522; disclaimer filed Sept. 24, 1940; v. 519; p. 795.

Locke, Albert R., Oak Park, Ill. (Two cases.) Disclaimers filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,044,006; disclaimers filed Feb. 28, and Dec. 5, 1940; v. 512; p. 741; and v. 521; p. 1095.

Lomax, Clarence E., Oak Park, and Pier Bakker, Chicago, Ill. Disclaimer filed by the assignee, Associated Electric Laboratories, Inc. No. 2,189,400; disclaimer filed June 5, 1940; v. 516; p. 1.

Lord, Harold W., Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,141,922; disclaimer filed Dec. 20, 1939; v. 510; p. 778.

Lorenz, Charles F., East Orange, N. J. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company, No. 2,082,963; disclaimer filed Nov. 2, 1940; v. 521; p. 806.

Malm, Carl J., and Arne Andersen, Rochester, N. Y. Disclaimer filed by the assignee, Eastman Kodak Company. No. 1,908,524; disclaimer filed Apr. 18, 1940; v. 514; p. 282.

Malmberg, Tore Gunnar, Stockholm, Sweden. No. 2,176,266; disclaimer filed by the assignee, The Dow Chemical Company. No. 2,176,266; disclaimer filed Oct. 17, 1940; v. 520; p. 272.

Martin, Wilfred S., Norwood, Ohio. Disclaimer filed by the assignee, The Procter & Gamble Company. No. 2,156,996; disclaimer filed June 4, 1940; v. 516; p. 1.

Matheson, Howard W., Montreal, Quebec, and George O. Morrison, Shawinigan Falls, Quebec, Canada. Disclaimer filed by the assignee, Shawinigan Chemicals Limited. No. 2,116,635; disclaimer filed July 30, 1940; v. 517; p. 809.

Mathey, Nicholas W., Boston, Mass. Disclaimer filed by the patentee. No. 1,807,996; disclaimer filed May 20, 1940; v. 515; p. 565.

Mathis, John A., and Roland W. Milan, Pinckneyville, Ill. Disclaimer filed by the patentees. No. 2,158,458; disclaimer filed Sept. 30, 1940; v. 520; p. 1.

Maxant, William T., Ayer, Mass. Disclaimer filed by the patentee. No. 1,984,224; disclaimer filed Feb. 13, 1940; v. 512; p. 6.

McBerty, Fred P., Warren, Ohio. Disclaimer filed by the assignee, The Federal Machine & Welder Company. No. 1,832,719; disclaimer filed May 29, 1940; v. 515; p. 825.

McIlvaine, John H., Lake Forest, Ill. Disclaimer filed by the assignee, McIlvaine Burner Corporation. No. 1,897,318; disclaimer filed May 6, 1940; v. 814; p. 830.

McLenegan, David W., Caldwell, N. J. Disclaimer filed by the assignee, General Electric Company. No. 2,112,039; disclaimer filed July 27, 1940; v. 518; p. 12.

McMurray, John C., Winthrop Center, Mass. Disclaimer filed by the patentee. No. 1,948,882; disclaimer filed Dec. 23, 1939; v. 510; p. 778.

Meikle, George Stanley, West La Fayette, Ind. Disclaimer filed by the inventor. No. 1,977,521; disclaimer filed July 2, 1940; v. 516; p. 1051.

Meyer, Joseph E., Westerly, R. I. Disclaimer filed by the assignee, C. B. Cottrell & Sons Company. No. 2,195,823; disclaimer filed June 15, 1940; v. 516; p. 278.

Miescher, Karl, Riehen, and Caesar Scholz, Baden, Switzerland. Disclaimer filed by the assignee, Society of Chemical Industry in Basle. No. 2,156,599; disclaimer filed Feb. 12, 1940; v. 512; p. 239.

Moskovics, Frederick E., Greenwich, Conn., and Victor R. Adams, Maplewood, N. J. Disclaimer filed by the assignee of one-half interest, Eleanor U. Andrews, and the co-inventor, Victor R. Abrams. No. 2,119,021; disclaimer filed May 18, 1940; v. 515; p. 288.

Mueller, Arthur W., Cincinnati, Ohio. Disclaimer filed by the assignee, The Frick-Gallagher Manufacturing Company. No. 2,086,508; disclaimer filed May 28, 1940; v. 515; p. 825.

Myers, Joseph W., Jackson, Mich. Disclaimer filed by the assignee, Proctor & Schwartz, Inc. No. 1,793,954; disclaimer filed May 2, 1940; v. 514; p. 830.

Nelson, Adolph L., Detroit, Mich. (Three cases.) Disclaimers filed by the assignee, Bohn Aluminum & Brass Corporation. Nos. 1,830,172, 2,052,985 and 2,100,719; disclaimers filed Dec. 29, 1938; v. 510; p. 778; and v. 510; p. 964.

Newill, Edward B., Dayton, Ohio. Disclaimer filed by the assignee, General Motors Corporation. No. 2,184,241; disclaimer filed Sept. 20, 1940; v. 519; p. 228.

Nutting, Howard S., Edgar C. Britton, and Donald H. Croope, Midland, Mich. Disclaimer filed by the assignee, The Dow Chemical Company. No. 2,095,612; disclaimer filed Sept. 26, 1940; v. 519; p. 795.

Nutting, Howard S., Peter S. Petrie, and Myron E. Huscher, Midland, Mich. Disclaimer filed by the assignee, The Dow Chemical Company. No. 2,007,144; disclaimer filed May 22, 1940; v. 515; p. 565.

Osgood, Charles F., Claremont, N. H. Disclaimer filed by the assignee, Sullivan Machinery Company. No. 2,007,907; disclaimer filed June 15, 1940; v. 516; p. 277.

Osgood, Dexter T., Jackson Heights, N. Y. Disclaimer filed by the inventor; the assignee, American Telephone and Telegraph Company, consenting. No. 2,092,851; disclaimer filed June 19, 1940; v. 516; p. 278.

Otis, Herbert C., Dallas, Tex. Disclaimer filed by the patentee. No. 2,036,537; disclaimer filed Dec. 30, 1939; v. 510; p. 964.

Pallas, Vernon R., Cortland, N. Y. Disclaimer filed by the patentee. No. 1,999,134; disclaimer filed Jan. 29, 1940; v. 511; p. 804.

Parker, George D., Riverside, Calif. Disclaimer filed by the assignee of one-half interest, Wire Tie Machinery Company. No. 1,875,260; disclaimer filed Dec. 18, 1939; v. 510; p. 546.

Paulson, George M., New York, N. Y. Disclaimer filed by the assignee, The B. G. Corporation. No. 1,930,322; disclaimer filed July 30, 1940; v. 517; p. 809.

Periat, Marcel, San Mateo, and Roscoe E. Burke, San Jose, Calif. Disclaimer filed by the patentees. No. 2,080,227; disclaimer filed Nov. 23, 1940; v. 521; p. 1095.

Peterson, Thomas F., Worcester, Mass. Disclaimer filed by the patentee. No. 2,156,352; disclaimer filed Feb. 10, 1940; v. 512; p. 7.

Pflanze, Charles F., University City, Mo. Disclaimer filed by the patentee. No. 2,151,228; disclaimer filed Oct. 7, 1940; v. 520; p. 1.

Pierce, James H., Bay City, Mich. Disclaimer filed by the assignee, Outboard, Marine and Manufacturing Company. Re. No. 18,118; disclaimer filed Mar. 2, 1940; v. 512; p. 741.

Pittman, Ralph R., Pine Bluff, Ark. Disclaimer filed by the assignee, W. N. Matthews Corporation; the inventor assenting and concurring. No. 2,068,510; disclaimer filed Feb. 15, 1940; v. 512; p. 7.

Poch, Waldemar J., Collingswood, Ciro C. Martinelli, West Collingswood, and Alfred H. Turner, Collingswood, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 2,109,752; disclaimer filed Mar. 23, 1940; v. 513; p. 500.

Potchen, Joseph A., Grand Rapids, Mich. Disclaimer filed by the assignee, Huskelite Manufacturing Corporation. No. 2,161,430; disclaimer filed Oct. 26, 1940; v. 521; p. 540.

Powell, Herbert S., Utica, N. Y. Disclaimer filed by the assignee, Louis A. Koch. No. 2,097,041; disclaimer filed May 13, 1940; v. 514; p. 1.

Preston, Neil D., Rochester, N. Y. Disclaimer filed by the assignee, General Railway Signal Company. No. 2,139,562; disclaimer filed May 18, 1940; v. 515; p. 565.

Prince, David C., Swarthmore, Pa. Disclaimer filed by the assignee, General Electric Company. No. 2,062,104; disclaimer filed Apr. 26, 1940; v. 514; p. 562.

Randel, Bo Folke, San Diego, Calif. Disclaimer filed by the assignee, Servel, Inc. No. 2,052,580; disclaimer filed July 31, 1940; v. 517; p. 561.

Reagan, Leon S., Tulsa, Okla. Disclaimer filed by the assignee, The Brown Instrument Company. No. 2,157,245; disclaimer filed June 7, 1940; v. 516; p. 278.

Reddish, Watten T., Cincinnati, Ohio. (Two cases.) Disclaimers filed by the assignee, Emery Industries, Inc. Nos. 1,911,289 and 2,024,981; disclaimers filed June 14, 1940; v. 516; p. 277.

Reichstein, Tadeus, Zurich, and Emil Schlittler, Basel, Switzerland. Disclaimer filed by the assignee, Roche Organon, Incorporated. No. 2,183,589; disclaimer filed July 9, 1940; v. 516; p. 1051.

Roessel, Louis Otto E., Chappaqua, N. Y. Disclaimer filed by the inventor; the assignee, Universal Development Corp., consenting. No. 2,150,106; disclaimer filed Feb. 29, 1940; v. 512; p. 741.

Rosebrook, Homer E., and Othel I. De Graw, Greenville, Mich. Disclaimer filed by the assignee, Gibson Electric Refrigerator Corporation. No. 2,110,635; disclaimer filed Aug. 31, 1940; v. 518; p. 780.

Rosen, Raphael, Cranford, N. J. Disclaimer filed by the assignee, Standard Oil Development Company. No. 2,150,400; disclaimer filed June 10, 1940; v. 516; p. 1.

Runge, Wilhelm, and Hans Otto Roosenstein, Berlin, Germany. Disclaimer filed by the inventors. No. 2,161,980; disclaimer filed May 24, 1940; v. 515; p. 825.

Salvatori, Henry, Hollywood, Calif. Disclaimer filed by the assignee, Stanolind Oil and Gas Company. No. 2,117,364; disclaimer filed Dec. 27, 1939; v. 510; p. 964.

Salvatori, Henry, and James N. Walstrum, Los Angeles, Calif. Disclaimer filed by the assignee, Stanolind Oil and Gas Company. No. 2,117,365; disclaimer filed Dec. 27, 1939; v. 510; p. 964.

Sambleson, Robert F., Bridgeport, Conn. Disclaimer filed by the assignee, General Electric Company. No. 2,142,153; disclaimer filed Oct. 1, 1940; v. 519; p. 1052.

Samuel, Arthur L., Summit, N. J. Disclaimer filed by the assignee, Bell Telephone Laboratories, Incorporated. No. 2,130,510; disclaimer filed May 31, 1940; v. 515; p. 825.

Schabinger, Arthur A., Chicago, Ill. Disclaimer filed by the patentee. Re. No. 20,898; disclaimer filed May 6, 1940; v. 514; p. 830.

Schick, Jacob, Stamford, Conn. (Two cases.) Disclaimers filed by the assignee, Schick Industries, Limited. Nos. 1,721,530 and 1,757,978; disclaimers filed Sept. 4, 1940; v. 519; p. 11.

Schlicker, Herman C., Brooklyn, N. Y. Disclaimer filed by the assignee, Rollocurl Corporation. No. 2,146,160; disclaimer filed Jan. 4, 1940; v. 510; p. 964.

Schlumberger, Marcel, Paris, France. Disclaimer filed by the assignee, Schlumberger Well Surveying Corporation. No. 2,055,506; disclaimer filed Dec. 12, 1939; v. 510; p. 261.

Schmidt, Maximilian Paul, and Wilhelm Krieger, Biebrich-on-the-Rhine, Germany. Disclaimer filed by the assignee, Kalle & Co. Aktiengesellschaft. No. 1,628,279; disclaimer filed Feb. 3, 1940; v. 511; p. 804.

Schmitter, Walter P., Milwaukee, Wis. Disclaimer filed by the assignee, The Falk Corporation. No. 1,894,927; disclaimer filed May 11, 1940; v. 514; p. 1.

Schoepf, Theodore H., and David M. Ritchie, Cincinnati, Ohio. Disclaimer filed by the assignee, The Westinghouse Air Brake Company. No. 2,120,443; disclaimer filed Mar. 21, 1940; v. 513; p. 249.

Schottenfels, Monroe, West New York, N. J. Disclaimer filed by the inventor. No. 2,040,958; disclaimer filed August 8, 1940; v. 518; p. 12.

Schuchat, Jonas, Chicago, Ill. Disclaimer filed by the inventor. No. 2,005,208; disclaimer filed Mar. 25, 1940; v. 513; p. 500.

Schutt, Hermann C., and John W. Throckmorton, New York, N. Y. Disclaimer filed by the assignee, American Locomotive Company. No. 2,090,504; disclaimer filed Dec. 30, 1939; v. 510; p. 964.

Scott, Floyd L., Houston, Tex. Disclaimer filed by the inventor; the assignee, Hughes Tool Company, concurring. No. 2,011,084; disclaimer filed March 7, 1940; v. 513; p. 6.

Scott, Winfield, Akron, Ohio. Disclaimer filed by the assignee, Wingfoot Corporation. No. 2,189,717; disclaimer filed Nov. 27, 1940; v. 521; p. 806.

Segessemann, Ernest, Newark, N. J. Disclaimer filed by the assignee, National Oil Products Co. No. 2,054,140; disclaimer filed Oct. 15, 1940; v. 520; p. 1.

Smith, Franklin S., New Haven, Conn. Disclaimer filed by the assignee, F. J. Stokes Machine Company. No. 2,127,474; disclaimer filed Apr. 13, 1940; v. 514; p. 282.

Stein, Irving M., and Jacob C. Peters, Jr., Philadelphia, Pa. (Two cases.) Disclaimers filed by the assignee, Leeds & Northrup Company. No. 2,119,061; disclaimers filed Jan. 22 and July 6, 1940; v. 511; p. 276; and v. 516; p. 1051.

Steindorff, Ulrich F. L., and Herbert J. Heller, New York, N. Y. Disclaimer filed by the assignee, The Stanley Works. No. 1,796,812; disclaimer filed Oct. 19, 1940; v. 520; p. 791.

Stilson, Herbert A., Chicago, Ill. Disclaimer filed by the inventor; the exclusive licensee, McGill Metal Products Company, consenting. No. 2,100,926; disclaimer filed July 18, 1940; v. 517; p. 8.

Stout, William B., and Evan H. Wright, Detroit, Mich. Disclaimer filed by the assignee, Pullman-Standard Car Manufacturing Co. No. 2,056,219; disclaimer filed Jan. 16, 1940; v. 511; p. 276.

Taylor, Daniel G., Minneapolis, Minn. Disclaimer filed by the assignee, Minneapolis-Honeywell Regulator Company. No. 2,160,042; disclaimer filed Oct. 7, 1940; v. 520; p. 1.

Tolman, Lucius M., Chicago, Ill. Disclaimer filed by the assignee, New Process Fat Refining Corporation. No. 1,998,997; disclaimer filed Feb. 16, 1940; v. 512; p. 7.

Tompkins, Ermerson H., and Donald L. Spender, Waterbury, Conn. Disclaimer filed by the assignee, Scovill Manufacturing Company. No. 2,097,222; disclaimer filed Oct. 3, 1940; v. 519; p. 1052.

Ungar, Gustave A., Pelham Manor, N. Y. (Two cases.) Disclaimers filed by the assignee, The Stanley Works. Nos. 1,843,655 and 1,848,147; disclaimers filed Feb. 2 and Oct. 19, 1940; v. 511; p. 804; and v. 520; p. 791.

Vacquier, Victor V., Oakmont, Pa. Disclaimer filed by the assignee, Gulf Research & Development Company. No. 2,140,097; disclaimer filed May 17, 1940; v. 515; p. 566.

Velepec, Rudolph J., Rochester, N. Y. Disclaimer filed by the assignee, Upson Brothers Inc. No. 1,791,771; disclaimer filed June 3, 1940; v. 516; p. 1.

Viele, Sylvester M., Swarthmore, Pa. Disclaimer filed by the inventor. No. 2,095,621; disclaimer filed June 22, 1940; v. 516; p. 537.

Vogt, Clarence W., Louisville, Ky. (Two cases.) Disclaimers filed by the assignee, The Girdler Corporation. Nos. 1,972,253 and 1,783,864; disclaimers filed Jan. 25 and Feb. 20, 1940; v. 511; p. 276; and v. 512; p. 528.

Von Hoorn, Fred G., Nichols, Conn. Disclaimer filed by the assignee, General Electric Company. No. 2,184,372; disclaimer filed Oct. 19, 1940; v. 520; p. 272.

Wagner, Herbert M., Newark, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 2,122,269; disclaimer filed Aug. 13, 1940; v. 518; p. 12.

Walker, Warren R., Short Hills, N. J. Disclaimer filed by the assignee, General Electric Company. No. 2,177,759; disclaimer filed Apr. 20, 1940; v. 514; p. 282.

Weiss, Adolph, Brooklyn, N. Y. (Two cases.) Disclaimers filed by the inventor. Re. No. 21,212 and No. 2,055,272; disclaimers filed June 25, 1940; v. 516; p. 537; and v. 516; p. 1051.

Wheeler, Harold A., Great Neck, N. Y. Disclaimer filed by the inventor; the assignee, Hazeltine Corporation, assenting. No. 1,958,027; disclaimer filed Sept. 25, 1940; v. 519; p. 795.

White, Howard D., Springfield, Mass. Disclaimer filed by the inventor; the assignee Westinghouse Electric & Manufacturing Company, consenting. No. 2,166,629; disclaimer filed Jan. 12, 1940; v. 511; p. 6.

Wight, Sedgwick N., Rochester, N. Y. Disclaimer filed by the assignee, General Railway Signal Company. No. 2,150,868; disclaimer filed May 18, 1940; v. 515; p. 288.

Willgoos, Andrew V. D., West Hartford, Conn. Disclaimer filed by the assignee, United Aircraft Corporation, the patentee approving and assenting. No. 2,123,681; disclaimer filed Nov. 30, 1940; v. 521; p. 540.

Williams, Charles B., Shaker Heights, Ohio. Disclaimer filed by the assignee, The Automatic Safety Wringer Company, consenting. No. 2,068,524; disclaimer filed Oct. 7, 1940; v. 520; p. 1.

Wolfson, Sidney L., Meriden, Conn. Disclaimer filed by the assignee, The Cuno Engineering Corporation, No. 2,093,116; disclaimer filed Sept. 3, 1940; v. 518; p. 780.

Woock, Herbert J., Lodi, and Charles J. Peterson and Jacob S. Caufield, Sacramento, Calif. Disclaimer filed by the assignee, Super Mold Corporation of California. No. 1,928,404; disclaimer filed Oct. 26, 1940; v. 520; p. 791.

Woodruff, William N., and Charles A. Toce, Houston, Tex., and William Foy Herschede, Cincinnati, Ohio. Disclaimed filed by the inventors and the assignee, Vehicular Parking, Ltd. No. 2,162,191; disclaimer filed Oct. 4, 1940; v. 519; p. 1052.

Wyler, Joseph A., Allentown, Pa. Disclaimer filed by the assignee, Trojan Powder Company. No. 2,164,440; disclaimer filed Aug. 16, 1940; v. 518; p. 253.

Yohn, Ida D., Los Angeles, Calif. Disclaimer filed by the assignee, A. G. Jordan Manufacturing Company. No. 2,037,104; disclaimer filed May 16, 1940; v. 514; p. 1.

Zaiger, Louis, Lynn, Mass. Disclaimer filed by the inventor. No. 2,107,136; disclaimer filed June 15, 1940; v. 516; p. 278.

LIST OF PLANT INVENTIONS

Apple tree. W. M. McIlvaine. 388; May 7.
Begonia. H. E. Traver. 406; June 25.
Camellia. K. Sawada. 431; Nov. 19.
Carnation. A. F. J. Baur. 434; Dec. 3.
Carnation. R. Engle. 372; Apr. 2.
Carnation, Pink. M. Okada. 398; May 14.
Carnation, Red. M. Okada. 399; May 14.
Chrysanthemum. I. Nakata and D. Nakata. 401; June 4.
Chrysanthemum plant. J. F. Styer. 390–2; May 7.
Chrystanthemum plant, Red. C. C. Mayhew. 352; Jan. 9.
Chrysanthemum plant, Yellow. C. C. Mayhew. 368; Mar. 5.
Delphinium. M. Reuter. 371; Mar. 26.
Gardenia plant. T. H. Wright. 364; Feb. 27.
Geranium. C. A. Brown, II. 355; Jan. 23.
Geranium plant. F. L. Sturm. 424; Sept. 17.
Gladiolus. E. A. Briggs. 404; June 18.
Gladiolus. C. Salbach. 356–60; Jan. 30.
Gypsophila, Double. G. H. Starr. 384; Apr. 30.
Hydrangea. J. H. Kluis. Pl. Pt. 415; Aug. 6.
Ivy plant. S. Hahn. 429–30; Oct. 15.
Juniperus, Silver-blue. R. W. Haygood. 422; Sept. 17.
Lily. C. E. Downing. 436; Dec. 24.
Papaver or poppy. L. M. Rector. 365; Mar. 5.
Pear tree. V. A. Silvera. 380; Apr. 23.
Plum tree. C. Maglio. 413; July 23.
Rhododendron plant. O. Kausen. 432; Nov. 19.
Rose. J. D. Brownell. 420; Sept. 10.
Rose. C. A. Chase. 383; Apr. 30.
Rose. N. Grillo. 367; Mar. 5.
Rose. N. Grillo. 417; Aug. 13.
Rose. C. B. Hansen. 389; May 7.
Rose. M. M. Horvath. 385–7; May 7.
Rose. I. Ringdahl. 353; Jan. 16.
Rose. M. Samtmann. 402; June 18.
Rose. G. C. Thomas, Jr. 393; May 7.
Rose. H. F. Yoder. 354; Jan. 16.
Rose plant. F. B. Abrams. 403; June 18.
Rose plant. J. D. Brownell. 419; Sept. 10.
Rose plant. L. B. Coddington. 405; June 25.
Rose plant. L. B. Coddington. 427; Oct. 8.
Rose plant. A. Couteau. 400; May 14.
Rose plant. G. De Ruiter. 381; Apr. 30.
Rose plant. J. de Vink. 408; July 2.
Rose plant. A. Dickson, Jr. 376; Apr. 16.
Rose plant. P. Dot. 366; Mar. 5.
Rose plant. P. Dot. 378; Apr. 16.
Rose plant. P. Dot. 407; July 2.
Rose plant. J. S. Elliott. 369–70; Mar. 12.
Rose plant. N. Grillo. 382; Apr. 30.
Rose plant. R. M. Hatton. 396; May 14.
Rose plant. W. I. Johnston. 361; Feb. 13.
Rose plant. W. I. Johnston. 410–11; July 9.
Rose plant. W. Kordes. 362–3; Feb. 13.
Rose plant. W. Kordes. 395; May 14.
Rose plant. W. Kordes. 423; Sept. 17.
Rose plant. V. Lens. 428; Oct. 15.
Rose plant. C. Mallerin. 409; July 2.
Rose plant. F. Meilland. 426; Oct. 1.
Rose plant. T. J. Morris. 394; May 7.
Rose plant. J. H. Nicolas. 374; Apr. 16.
Rose plant. J. H. Nicolas. 375; Apr. 16.
Rose plant. J. H. and F. Nicolas. 414; July 23.
Rose plant. L. Pahissa. 379; Apr. 16.
Rose plant. C. H. Perkins. 416; Aug. 13.
Rose plant. B. E. Prior. 377; Apr. 16.
Rose plant. G. A. van Rossem. 425; Sept. 17.
Rose plant. F. H. Witter. 373; Apr. 9.
Tobacco plant. J. Rosenberg. 412; July 16.
Tree, Avocado. J. H. Macpherson. 433; Nov. 26.
Tree, Cherry. H. B. Faber and J. A. C. Ziegler, Jr. 421; Sept. 17.
Tree, Peach. G. P. Sunday. 418; Aug. 27.
Tree, Pear. J. T. Guraly, Jr. 435; Dec. 17.
Violet. J. I. Dearborn. 397; May 14.

LIST OF INVENTIONS

A-frame structure for shovels, cranes, or the like, Collapsible. S. B. Elgh. 2,186,372; Jan. 9.
Abietyl derivatives and producing, Organic sulphonated hydrogenated. A. L. Rummelsburg. 2,190,734; Feb. 20.
Abietyl sulphate and its manufacture. H. M. Parmelee. 2,203,339; June 4.
Abradant. K. Wolf and F. Grom. 2,196,135; Apr. 2.
Abrading. C. H. Kasch. 2,203,530; June 4.
Abrading apparatus. W. L. Keefer. 2,205,414; June 25.
Abrading device. E. M. Pennock and E. E. Price. 2,208,684; July 23.
Abrading device. E. D. Tillyer and H. R. Moulton. 2,224,168; Dec. 10.
Abrading element. H. G. Bartling. 2,197,629; Apr. 16.
Abrading machine. H. S. Indge. 2,206,842; July 2.
Abrading machine. R. J. McQuade. 2,188,720; Jan. 30.
Abrading machine. H. M. Zschau. 2,201,420; May 21.
Abrading machine, Centrifugal. D. C. Turnbull. 2,204,635; June 18.
Abrading or polishing tool. E. W. Hall. 2,198,282; Apr. 23.
Abrading or sanding machine and method. N. Potash. 2,195,340; Mar. 26.
Abrading tool. W. Barton. 2,197,917; Apr. 23.
Abrading tool. C. E. Bierma. 2,189,307; Feb. 6.
Abrading tool. N. H. Knowlton. 2,218,538; Oct. 22.
Abrading tool. F. W. Stachelrodt. 2,189,302; Feb. 6.
Abrading tool, Positive stop. K. W. Connor. 2,188,567; Jan. 30.
Abrading wheel. E. B. Hubbard. 2,206,355; July 2.
Abrasive. A. J. Weinig. 2,224,711; Dec. 10.
Abrasive and making the same, Sheet. F. G. Okie. 2,219,263; Oct. 22.
Abrasive and producing same. J. H. Berger. 2,209,292; July 23.
Abrasive and producing same. W. W. Durant. 2,200,164; May 7.
Abrasive article. C. E. Barnes. 2,218,782; Oct. 22.
Abrasive article. W. P. Fitz-Randolph. 2,223,063; Nov. 26.
Abrasive article. N. P. Robie. 2,205,276; June 18.
Abrasive article and making same. R. L. Smith. 2,223,392; Dec. 3.
Abrasive article and making the same. R. C. Benner and A. L. Ball. 2,216,728; Oct. 8.
Abrasive article and manufacturing the same. J. B. Aust. 2,224,009; Dec. 3.
Abrasive article, Resin bonded. S. S. Kistler and C. E. Barnes. 2,189,733–5; Feb. 6.
Abrasive articles and manufacturing the same. A. L. Ball. 2,213,332; Sept. 3.
Abrasive articles, Making. S. S. Kistler and C. E. Barnes. 2,218,795; Oct. 22.
Abrasive articles, Manufacture of. R. C. Benner and R. L. Melton. 2,193,265; Mar. 12.
Abrasive articles, Manufacture of. E. Elbel and F. Seebach. 2,188,341; Jan. 30.
Abrasive articles, Manufacture of. E. T. Rainier. 2,216,135; Oct. 1.
Abrasive articles, Manufacture of. N. P. Robie. 2,201,321; May 21.
Abrasive blasting machine. E. R. Hughes. 2,204,596; June 18.
Abrasive blasting machine, Centrifugal. J. E. Guendling. 2,204,587; June 18.
Abrasive, Bonded. R. C. Swain and D. W. Light. 2,215,380; Sept. 17.
Abrasive cloth, Manufacture of. C. F. Hill. 2,217,444; Oct. 8.
Abrasive, Coated. N. E. Oglesby. 2,199,752; May 7.
Abrasive coated products, Manufacture of. J. A. Williamson. 2,225,937; Dec. 24.
Abrasive composition. H. P. Nelson. 2,201,700; May 21.
Abrasive detergent composition. R. E. Hall. 2,191,199; Feb. 20.
Abrasive device. A. B. Peterson. 2,197,224; Apr. 16.
Abrasive device, Endless. B. Grob. 2,208,543; July 16.
Abrasive equipment. V. E. Minich and G. N. Grove. 2,204,610–11; June 18.
Abrasive material. F. D. Oesterle and G. Zellar. 2,191,803; Feb. 27.
Abrasive material. L. S. Washburn. 2,196,090; Apr. 2.
Abrasive material, Production of. R. C. Benner, and R. L. Melton. Re. 21,552; Sept. 10.
Abrasive material, Production of. F. J. Tone. 2,219,853; Oct. 29.
Abrasive materials, Production of. G. H. Jackson. 2.194,472; Mar. 26.
Abrasive or blast material, Metallic. J. F. Ervin. 2,215,828; Sept. 24.
Abrasive paper and making same. N. E. Oglesby. 2,217,525; Oct. 8.
Abrasive product. N. P. Robie. 2,227,200; Dec. 31.
Abrasive products, Manufacture of. J. N. Kuzmick. 2,197,552; Apr. 16.
Abrasive projecting machine. C. E. Unger. 2,204,637; June 18.
Abrasive projector, Electric. C. E. Unger. 2,224,505; Dec. 10.
Abrasive, Sheet. F. G. Okie. 2,219,278; Oct. 22.
Abrasive sheet material. H. G. Bartling and E. B. Overshiner. 2,220,140; Nov. 5.
Abrasive sheet material, Cleaning. G. H. Orfald. 2,210,728; Aug. 6.
Abrasive surface and preparing the same. F. F. Gilmore and F. W. Kotler. 2,226,607; Dec. 31.
Abrasive throwing equipment. G. N. Grove. 2,223,366; Dec. 3.
Abrasive throwing machine. J. E. Guendling. 2,224,153; Dec. 10.
Abrasive throwing machine. D. C. Turnbull. 2,204,632; June 18.
Abrasive throwing or impelling apparatus. L. D. Peik. 2,212,451; Aug. 20.
Abrasive-throwing wheel. D. C. Turnbull. 2,204,633–4; June 18.
Abrasive wheel. R. C. Benner and W. G. Soley. 2,225,193; Dec. 17.
Abrasive wheel. M. M. Boucher. 2,197,741; Apr. 16.
Abrasive wheels, Making. O. S. Buckner and D. B. Wilson. 2,187,583; Jan. 16.
Abrasives, Making flexible. F. E. Gallagher. 2,198,766; Apr. 30.
Abrasives, Preserving coated. F. J. Crupi. 2,209,715–16; July 30.
Absorbent and ion exchanging materials, Manufacture of. P. Smit. 2,191,063; Feb. 20.
Absorbent material. C. Dreyfus. 2,214,124; Sept. 10.
Absorbent, Moisture. J. C. McCorkhill. 2,202,742; May 28.
Absorber for refrigerating systems. W. H. Kitto. 2,196,771; Apr. 9.
Absorber for refrigerating systems. R. S. Nelson and C. C. Coons. 2,196,707; Apr. 9.
Absorption cell chest for photometers. C. J. Thompson. 2,186,915; Jan. 9.
Absorption means and method for refrigerating system. J. L. Campbell. 2,210,899; Aug. 13.
Absorption system for nitric acid. A. P. Beardsley and R. H. Park. 2,206,495; July 2.
Accelerating feeder. C. R. Kaddeland and C. W. Harrold. 2,192,916; Mar. 12.
Acceleration or deceleration of moving bodies, Determining the. R. L. Wilson. 2,193,910; Mar. 19.
Acceleration responsive device. H. Baumann. 2,193,707; Mar. 12.
Accelerator. D. E. Cordier. 2,193,621; Mar. 12.
Accelerator. R. P. Cosgrove. 2,223,818; Dec. 8.
Accelerator. G. A. Stephens. 2,212,083; Aug. 20.
Accelerator and brake control, Combination. S. E. Anderson. 2,200,685; May 14.
Accelerator and brake control, Combined. W. J. Smith. 2,222,379; Nov. 19.
Accelerator and brake control for vehicles, Combination. F. E. Detmers. 2,203,777; June 11.
Accelerator, Automatic. R. C. Zastrow. 2,203,559; June 4.
Accelerator, Auxiliary foot. A. Adamic. 2,187,068; Jan. 16.
Accelerator control, Automobile. J. E. Jones. 2,207,435; July 9.
Accelerator control for automotive vehicles, Dual. A. S. Martin. 2,226,569; Dec. 31.
Accelerator, Diesel fuel ignition. P. Miller and G. H. Cloud. 2,223,181; Nov. 26.
Accelerator, Dual. J. M. Tercero. 2,202,126; May 28.
Accelerator, Engine starter. R. P. Lansing and G. J. Hausamann. 2,198,826; Apr. 30.
Accelerator for motor vehicles, Hand. J. E. Giroux. 2,196,553; Apr. 9.
Accelerator for urea-formaldehyde molding compositions. D. E. Cordier. 2,186,821; Jan. 9.
Accelerator of vulcanization. J. G. Lichty. 2,208,326; July 16.
Accelerator of vulcanization. W. L. Semon. 2,193,651–6; Mar. 12.
Accelerator of vulcanization. A. W. Sloan. 2,193,773; Mar. 12.
Accelerator of vulcanization. A. W. Sloan and P. C. Jones. 2,193,774; Mar. 12.
Accessory for wheeled vehicles. J. W. Schafer. 2,212,-327; Aug. 20.
Accessory for wheels, Ornamental. G. A. Lyon. 2,186,550; Jan. 9.
Accordion. E. N. Del Principle. 2,189,531; Feb. 6.
Accordion. W. Gollnick. 2,198,160; Apr. 23.
Accordion. M. B. Luttbeg. 2,208,038; July 16.
Accordion. N. Marushko. 2,219,598; Oct. 29.
Accordion. R. Pancotti. 2,192,857; Mar. 5.
Accordion. I. P. Price. 2,220,276; Nov. 5.
Accordion. S. Rabuazzo. 2,187,809; Jan. 23.
Accordion. S. Rabuazzo. 2,208,228; July 16.

Accordion. U. Razzaboni. 2,220,660; Nov. 5.
Accordion. M. Soprani. 2,188,378; Jan. 30.
Accordion attachment. A. S. Barty. 2,191,747; Feb. 27.
Accordion construction. C. Lindeberg. 2,185,984; Jan. 2.
Accordion construction. C. Lindeberg. 2,188,085; Jan. 23.
Accordion carrying case. M. Meyers. 2,197,275; Apr. 16.
Accordion shift mechanism. C. Lindeberg. 2,208,375; July 16.
Accordion stand. O. P. Richeda. 2,204,028; June 11.
Accordion support. W. R. Becker and A. W. Lorenz. 2,218,142; Oct. 15.
Accordions, Selective shift for. V. E. Morrison. Re. 21,395; Mar. 12.
Accounting and the like machines. E. Breitling. 2,196,382; Apr. 9.
Accounting machine. W. A. Anderson. 2,209,217; July 23.
Accounting machine. W. A. Anderson. 2,226,960; Dec. 31.
Accounting machine. J. W. Bryce. 2,192,003; Feb. 27.
Accounting machine. W. B. Gilson. 2,203,015; June 4.
Accounting machine. E. C. Olney. 2,202,784; May 28.
Accounting machine. J. R. Peirce and T. E. Torkelson. 2,199,548; May 7.
Accounting machine. A. F. Sturm. 2,226,451; Dec. 24.
Accounting machine. O. J. Sundstrand. 2,209,240; July 23.
Accounting machine. P. H. Williams, J. R. Ganger, W. H. Petit, and J. T. Davidson. 2,189,851; Feb. 13.
Accounting machine, Convertible. J. W. Bryce and A. H. Dickinson. 2,217,196; Oct. 8.
Accounting machines, Impulse creating and selecting device for. A. H. Dickinson. 2,201,825; May 21.
Accounting machines, Record controlled. J. W. Bryce. 2,206,219; July 2.
Accounting system, Electrically controlled. H. C. Robinson, L. Johnston, M. L. Nelson, and C. P. Clare. 2,211,165; Aug. 13.
Accumulating mechanism. D. Y. Read. 2,203,306; June 4.
Accumulator plant. P. Gilli. 2,207,035; July 9.
Acetal resin sheets containing the ethyl ether of diethylene glycol succinate, Polyvinyl. H. B. Smith and D. R. Swan. 2,216,461; Oct. 1.
Acetaldehyde by hydration of acetylene, Manufacture of. W. H. Groombridge and T. P. Dee. 2,206,227; July 2.
Acetaldehyde from acetylene, Production of. E. Dittrich. 2,212,593; Aug. 27.
Acetals, Aromaticaliphatic. K. Desamari and R. Hebermehl. 2,206,883; July 9.
Acetals, Polyvinyl. G. Kränzlein and U. Lampert. 2,187,570; Jan. 16.
Acetals, Stabilized polyvinyl. G. B. Bachman. 2,186,598; Jan. 9.
Acetic acid and other lower fatty acids, Dehydration of. D. F. Othmer. 2,204,616; June 18.
Acetylene and lime hydrate, Producing. H. V. Kojola and M. O'Brian. 2,204,184; June 11.
Acetylene, Continuous production of polymerization products of. R. Stadler and A. Auerhahn. 2,191,088; Feb. 20.
Acetylene from gaseous mixtures containing it, Separation of. F. R. Balcar. 2,217,429; Oct. 8.
Acetylene generator. M. P. De Motte. 2,188,278; Jan. 23.
Acetylene generator. M. P. De Motte, C. H. Baker, and R. C. Pierson. 2,188,277; Jan. 23.
Acetylene generator. D. F. Geiger. 2,202,847–8; June 4.
Acetylene generator. R. J. Kehl and R. C. Pierson. 2,214,834; Sept. 17.
Acetylene generator. M. L. Olson. 2,215,071; Sept. 17.
Acetylene generator. E. H. Smith. 2,199,248; Apr. 30.
Acetylene into higher molecular products, Converting. P. Halbig, E. Reiter, and F. Stadler. 2,216,437; Oct. 1.
Acetylene, Polymerizing. A. Perlick and A. Steinmetz. 2,202,919; June 4.
Acetylene, Preparation of addition products of. H. Walter. 2,191,053; Feb. 20.
Acetylene, Production of. H. Sachsse. 2,195,227; Mar. 26.
Acetylene, Recovery of. H. Tramm and H. Kolling. 2,206,490; July 2.
Acetylenes, Preparation of dialkyl. T. H. Vaughn. 2,198,236; Apr. 23.
Acetyl salicylic acid composition, Effervescent. F. J. Zimmermann. 2,211,485; Aug. 13.
Acid amide derivatives, Soluble sulphanilic. F. Meyer. 2,208,641; July 23.
Acid amides, Manufacture of basic substituted carboxylic. E. Schirm. 2,186,769; Jan. 9.
Acid amides of the cyclopentanopolyhydrophenanthrene series, Carboxylic. K. Miescher and A. Wettstein. 2,191,394; Feb. 20.
Acid and its homologues, Preparation of propiolic. A. D. Macallum. 2,194,363; Mar. 19.
Acid and its salts, Hydrogenation of propiolic. A. D. Macallum. 2,194,362; Mar. 19.
Acid and making the same, Derivatives of 2,6-dihydroxypyridine-4-carboxylic. M. Dohrn and H. Nahme. 2,190.444; Feb. 13.
Acid cadmium electroplating bath. H. Brown. 2,222,398; Nov. 19.
Acid chlorides and their production, Fully acetylated sugar. R. T. Major and E. W. Cook. 2,198,628; Apr. 30.
Acid components from hydrocarbon distillates, Removal of. D. L. Yabroff and E. R. White. 2,223,798; Dec. 3.
Acid components from hydrocarbon distillates, Removing. D. L. Yabroff. 2,186,398; Jan. 9.
Acid components from hydrocarbon distillates, Removing. D. L. Yabroff. 2,212,105–7; Aug. 20.
Acid compound, Barbituric. W. G. Bywater. 2,200,538; May 14.
Acid compounds from hydrocarbon oils, Removal of sulphuric. W. P. Gage. 2,193,417; Mar. 12.
Acid, Concentrating sulphuric. A. B. Brown and D. W. Bransky. 2,191,195; Feb. 20.
Acid concentration, Nitric. R. F. Peterson and P. G. Wrightsman. 2,201,631; May 21.
Acid, Concentration of nitric. F. C. Zeisberg. 2,190,304; Feb. 13.
Acid, Continuous process for making adipic. A. M. Aronow. 2,191,786; Feb. 27.
Acid converter, Tray type sulphuric. N. Titlestad. 2,198,795; Apr. 30.
Acid derivatives, Barbituric. A. C. Cope. 2,187,701; Jan. 16.
Acid derivatives, Barbituric. W. H. Hartung and F. S. Crossley. 2,187,705; Jan. 16.
Acid derivatives, Benzoyl benzoic. J. M. Tinker and V. M. Weinmayr. 2,225,088; Dec. 17.
Acid derivatives of fatty acid diesters of glycols, Preparation of sulphuric. G. C. Toone. 2,192,721; Mar. 5.
Acid derivatives, Thiobarbituric. A. C. Cope. 2,219,543; Oct. 29.
Acid derivatives, Thiobarbituric. W. H. Hartung and F. S. Crossley. 2,219,549; Oct. 29.
Acid dinitrile, Synthesis of adipic. W. Schmidt and F. Manchen. 2,222,302; Nov. 19.
Acid distillation, Fatty. R. H. Potts and J. E. McKee. 2,224,984; Dec. 17.
Acid esters, Benzoyl benzoic. L. P. Kyrides. 2,213,783; Sept. 3.
Acid esters, Halogenation of unsaturated carboxylic. R. A. Jacobson. 2,195,712; Apr. 2.
Acid esters, Monocarboxylic. R. McGill. 2,198,172; Apr. 23.
Acid esters of homocyclic alcohols, Vanadic. W. H. Hill. 2,220,041; Oct. 29.
Acid esters, Producing oxy-carboxylic. L. Beer and P. Halbig. 2,208,355; July 16.
Acid for sulphite pulping process, Production of. W. H. Swanson, L. Lang, and D. C. Porter. 2,188,321; Jan. 30.
Acid from gases containing phthalic anhydride, Recovery of phthalic. G. W. Talbert. 2,190,001; Feb. 13.
Acid from sorbose, Production of ascorbic. O. Dalmer and K. Heyns. 2,189,778; Feb. 13.
Acid from sorbose, Production of keto gulonic. O. Dalmer and K. Heyns. 2,190,377; Feb. 13.
Acid glycol resin complex and making same, Unsaturated. C. Ellis. 2,206,171; July 2.
Acid, Halogenating nitroaminobenzene sulphonic. G. Mattaeus. 2,206,510; July 2.
Acid impurities from ammoniacal liquor, Removal of. H. Söllner. 2,200,400; May 14.
Acid inhibitor. K. G. Chesley. 2,223,299; Nov. 26.
Acid liquors, Procedure for treating residual sulphuric. R. L. McCleary. 2,192,687; Mar. 5.
Acid, Making aminosulphonic. M. E. Cupery. 2,191,754; Feb. 27.
Acid, Making levulinic. A. Thompson. 2,206,311; July 2.
Acid, Making sulphuric. J. H. Walthall. 2,188,324; Jan. 30.
Acid, Manufacture of chemically pure hydrochloric. J. W. Brown and D. P. Hill. 2,196,246; Apr. 9.
Acid, Manufacture of chemically pure hydrochloric. J. W. Brown and H. C. Hosford. 2,213,544; Sept. 3.
Acid, Manufacture of hydrochloric. A. A. Corey and H. C. Hosford. 2,206,528; July 2.
Acid, Manufacture of hydrochloric. O. L. Thomas. 2,213,556; Sept. 3.
Acid, Manufacture of sulphuric. A. W. Wahlgren. 2,207,364; July 9.
Acid, Manufacture of sulphuric. W. E. Watson. 2,198,686; Apr. 30.
Acid materials, Fractional distillation of fatty. R. H. Potts and J. E. McKee. 2,224,925; Dec. 17.
Acid mono-esters of monochlorhydrin, Producing fatty. G. Stein. 2,224,026; Dec. 3.
Acid nitriles, Preparation of aliphatic. R. Greenhalgh. 2,206,351; July 2.
Acid, Organic substituted acetic. D. J. Loder and E. P. Bartlett. 2,211,624; Aug. 13.
Acid, Preparation of D-tartaric. R. Pasternack and E. V. Brown. 2,197,021; Apr. 16.
Acid, Preparation of guanyl-urea-N-sulphonic. H. Z. Lecher and A. E. Pierce. 2,202,212; May 28.
Acid, Preparation of levo-ascorbic. R. Pasternack and G. O. Cragwall. 2,185,383; Jan. 2.
Acid, Preparation of 2-nitro-naphthalene-4,8-disulphonic. F. Beretta. 2,191,820; Feb. 27.
Acid produced in the sulphite cellulose cooking process, Recovery of the sulphurous. F.-W. Kahle. 2,221,066; Nov. 12.
Acid, Producing ascorbic, O, Zima, 2,189,830; Feb, 13,

Acid, Production of ascorbic. O. Zima. 2,190,167; Feb. 13.
Acid, Production of formic. W. Speer and H. Weiss. 2,196,156; Apr. 2.
Acid, Production of nitric. H. A. Beekhuis, Jr. 2,185,579–80; Jan. 2.
Acid, Production of nitric. N. Titlestad. 2,212,135; Aug. 20.
Acidproof container. J. H. Sherts. 2,202,675; May 28.
Acid, Purification of phosphoric. A. W. Hixson and R. Miller. 2,202,526; May 28.
Acid, Purifying benzoic. C. Conover. 2,189,726; Feb. 6.
Acid recovery from solutions, Glutamic. G. Braun. 2,186,162; Jan. 9.
Acid recovery, Sulphuric. B. M. Carter. 2,199,691; May 7.
Acid salts of anesthetic bases, Aldonic. D. Curtis. 2,208,790; July 23.
Acid salts of polymeric amino compounds, Sulphamic. M. E. Cupery. 2,201,762; May 21.
Acid sludge, Decomposing. B. Barnes and N. Titlestad. 2,223,934; Dec. 3.
Acid solution. P. F. Felkers. 2,203,649; June 4.
Acid solutions and making same, Hypochlorous. H. O. Kauffmann. 2,199,936; May 7.
Acid, Stabilization of liquid hydrocyanic. M. Walker. 2,194,370; Mar. 19.
Acid treatment, Fatty. R. H. Potts and J. E. McKee. 2,224,986; Dec. 17.
Acids alkylated in the nucleus and preparing them, Benzene carboxylic. G. Balle, H. Wagner, and E. Nold. 2,195,198; Mar. 26.
Acids and anhydrides, Production of polycarboxylic. T. F. Bradley. 2,208,321; July 16.
Acids and intermediate compounds from dihologen butenes, Production of levulinic and homologous. D. D. Coffman and A. M. Collins. 2,192,298; Mar. 5.
Acids and making same, Ascorbic. B. Helferich. 2,207,680; July 9.
Acids and making same, Nuclear alkylated diamino-stilbene disulphonic. F. Straub and H. Schneider. 2,212,-084; Aug. 20.
Acids and making them, Aromatic polynuclear polycarboxylic. R. Schröter, H. Rinke, and H. Eck. 2,197,880; Apr. 23.
Acids and other substances from a tobacco extract, Recovery of organic. L. M. Rader. 2,204,621; June 18.
Acids and preparing same, Amino-phenylhydrazinesulphonic. M. Schmid. 2,195,785; Apr. 2.
Acids and resinous materials from fatty glycerides, Producing fatty. A. Greth and F. Lemmer. 2,217,363; Oct. 8.
Acids and their functional derivatives and producing them, N-substituted aspartic. W. Reppe and H. Ufer. 2,200,220; May 7.
Acids, Aromatic arsonic and stibonic. M. Bockmühl and G. Ehrhart. 2,185,972; Jan. 2.
Acids, Barbituric. W. G. Christiansen. 2,187,728; Jan. 23.
Acids, Barbituric. A. C. Cope. 2,187,702–3; Jan. 16.
Acids, Chlorinating aliphatic. P. Heisel and A. Hendschel. 2,210,834; Aug. 6.
Acids, Derivatives of alpha higher carboxylic. F. J. Cahn. 2,185,541; Jan. 2.
Acids, Distillation of fatty. M. H. Ittner. 2,202,007–8; May 28.
Acids, Extraction of fatty. B. K. Bright. 2,199,983; May 7.
Acids, Fractionating fatty. R. H. Potts and J. E. McKee. 2,212,127; Aug. 20.
Acids from alcohols, Manufacture of organic. W. T. Stephenson and E. L. Pelton. 2,196,581; Apr. 9.
Acids from aldonic acids, Preparation of 2-keto aldonic. R. Pasternack and P. P. Regna. 2,188,777; Jan. 30.
Acids from aqueous solutions, Extracting aliphatic. M. Weimann. 2,211,087; Aug. 13.
Acids from hydrocarbon oils, Removing naphthenic. F. R. Moser. 2,186,425; Jan. 9.
Acids from protein, Separation of amino. L. Gerber. 2,194,302; Mar. 19.
Acids, Making fatty. H. Kaufmann. 2,200,279; May 14.
Acids, Manufacture of aliphatic. H. Dreyfus. 2,201,228; May 21.
Acids, Manufacture of alphatic amino-sulphonic. H. Wesche. 2,207,603; July 9.
Acids, Manufacture of benzophenone polycarboxylic. J. Ogilvie. 2,202,063; May 28.
Acids, Manufacture of polycarboxylic. J. F. Olin and F. P. Fritsch. 2,226,357; Dec. 24.
Acids obtained from oxidized hydrocarbons, Refining organic. A. L. Blount. 2,220,507; Nov. 5.
Acids, Obtaining naphthenic. J. H. Bruun. 2,220,012–13; Oct. 29.
Acids of aromatic compounds, Sulphonic. C. A. Thomas. 2,210,962; Aug. 13.
Acids of aromatic sulphonic acid halides and making the same, Sulphonic. W. Mieg and F. Wieners. 2,215,083; Sept. 17.
Acids of cyclic ketones and producing them, Carboxylic. W. Braun. 2,208,624; July 23.
Acids of the dioxazine series, Dyestuff-sulphonic. H. Greune, M. Thiele, and G. Langbein. 2,187,853; Jan. 23.
Acids of the diphenylene series, Ortho-hydroxycarboxylic. F. Muth. 2,189,367; Feb. 6.
Acids or phenols from tars or tar oils, Recovery of tar. V. Molinari. 2,206,198; July 2.
Acids or their salts, Recovery of high molecular weight carboxylic. W. Leithe. 2,193,321; Mar. 12.
Acids, Ortho-hydroxy carboxylic. F. W. Muth. 2,193,677; Mar. 12.
Acids, Preparation of acetylenic. D. R. Jackson and T. H. Vaughn. 2,205,885; June 25.
Acids, Preparation of acylated 3-hydroxy-bis-norcholenic. J. R. Myles. 2,205,045; June 18.
Acids, Preparation of carboxylic. E. K. Ellingboe and J. E. Kirby. 2,196,357; Apr. 9.
Acids, Preparation of organic. D. J. Loder. 2,217,650; Oct. 8.
Acids, Preparation of secondary alkyl sulphonic. M. W. Farlow. 2,204,210; June 11.
Acids, Preparation of sulphonic. A. Lazar and P. M. Ruedrich. 2,218,174; Oct. 15.
Acids, Preparing α-substituted acrylic. E. F. Meitzner. 2,192,142; Feb. 27.
Acids, Preparing beta-indolyl acetic. K. Bauer and H. Andersag. 2,222,344; Nov. 19.
Acids, Producing new amino-carboxylic. W. Reppe and H. Ufer. 2,195,974; Apr. 2.
Acids, Production of aliphatic dicarboxylic. S. H. McAllister. 2,193,562; Mar. 12.
Acids, Production of organic. W. J. Hale. 2,192,288; Mar. 5.
Acids, Production of sulphonated fatty. W. W. Moyer. 2,195,186; Mar. 26.
Acids, Purification of organic. A. L. Blount. 2,191,449; Feb. 27.
Acids, Purifying naphthenic. R. C. Rich and C. W. Cannon. 2,214,438; Sept. 10.
Acids, Recovering amino. G. Toennies. 2,222,993; Nov. 26.
Acids, Recovering organic. A. Lazar and L. S. Galstaun. 2,186,249; Jan. 9.
Acids, Recovery of fatty. M. Harder. 2,216,238; Oct. 1.
Acids, Recovery of fatty. T. F. McCormick and A. Lazar. 2,196,421; Apr. 9.
Acids, Refining fatty. A. W. Hixson and R. Miller. 2,219,652; Oct. 29.
Acids, Refining naphthenic. H. R. Berry. 2,200,711; May 14.
Acids substituted in the nucleus, Preparing cyclic carboxylic. G. Balle and H. Schild. 2,210,874; Aug. 13.
Acids, Sulphonic. F. Guenther, H. Haussmann, and W. Frank. 2,220,099; Nov. 5.
Acids, Thermal dehydration of lower fatty. H. Dreyfus and L. Fallows. 2,202,046; May 28.
Acids, Treatment of fatty. R. H. Potts and J. E. McKee. 2,224,926; Dec. 17.
Acoustic apparatus. M. E. Karns. 2,217,279; Oct. 8.
Acoustic compensator. S. Ruttenberg. 2,196,342; Apr. 9.
Acoustic construction. E. Schenk. 2,192,653; Mar. 5.
Acoustic device. R. A. Hackley. 2,224,909; Dec. 17.
Acoustic device. W. F. Kannenberg. 2,226,934; Dec. 31.
Acoustic device. W. P. Mason. 2,225,312; Dec. 17.
Acoustic device. L. A. Morrison and E. E. Mott. 2,220,942; Nov. 21.
Acoustic device. T. Yasuda and T. Miyazaki. 2,192,464; Mar. 5.
Acoustical apparatus. A. W. Fisher. 2,193,398–9; Mar. 12.
Acoustical apparatus. C. R. Jacobs. 2,224,651; Dec. 10.
Acoustical apparatus. W. Oelsner. 2,212,181; Aug. 20.
Acoustical equalizer. D. A. Wilbur. 2,214,393; Sept. 10.
Acrolein, Preparation of. A. D. Macallum. 2,197,258; Apr. 16.
Actuating and locking mechanism for gripping devices. H. C. Otis. 2,207,130; July 9.
Actuating mechanism, Automatic. K. Schwartz. 2,219,636; Oct. 29.
Actuating mechanism for a plumbing fixture. L. Andersen, E. A. Fredrickson, and R. H. Zinkil. 2,188,562; Jan. 30.
Actuating mechanism for a plumbing fixture. L. Andersen, E. A. Fredrickson and R. H. Zinkil. 2,198,853; Apr. 30.
Actuating mechanism for mowing machine knives. T. A. Delaney. 2,214,662; Sept. 10.
Actuating mechanism for poppet valves. P. Rime-Bruneau. 2,223,461; Dec. 3.
Actuating mechanism for vehicle parking meters. M. Burley. 2,223,843; Dec. 3.
Actuator for steering mechanisms, etc., Hydraulic. O. W. Timm. 2,199,966; May 7.
Actuator for telemetric systems. T. J. Smulski. 21,527; Aug. 6, 1940.
Actuator, Self-adjusting hydraulic. H. D. Colman. 2,193,190; Mar. 12.
Acyl-acetic arylides having substantive properties. R. Schmitt and H. Albert. 2,186,274; Jan. 9.
Acylamino nitro diphenylsulphones, Preparing. R. O. Roblin, Jr., and J. H. Williams. 2,227,400; Dec. 31.
Acyl derivatives of azo dyestuffs and preparing same. C. Graenacher, F. Ackermann and H. Bruengger. 2,199,048; Apr. 30.
Acyl derivatives of azo dyestuffs and producing same. F. Ackermann. 2,222,733; Nov. 26.

Acylions, Hydrogenation of polymeric. D. D. Coffman and B. F. Faris. 2,212,151; Aug. 20.
Acyl sulphides and products resulting therefrom, Preparation of. C. C. Allen. 2,212,895; Aug. 27.
Acylatable substances from mixtures containing same, Separation of. F. G. Fischer. 2,208,808; July 23.
Adapter. F. C. Lavarack. 2,198,368; Apr. 23.
Adapter and reflector for lamps, Combined. G. B. Benander. 2,221,505; Nov. 12.
Adapter coupling. M. A. Elliott. 2,185,725–6; Jan. 2.
Adapter coupling. M. A. Elliott. 2,207,170; July 9.
Adapter for electric fans. O. G. Hildebrand and E. H. Berger. 2,186,674; Jan. 9.
Adapter for low-frequency amplifiers. P. F. van Eldik. 2,194,534; Mar. 26.
Adapter for lubricating devices, Replaceable needle point. C. W. Ginter. 2,190,357; Feb. 13.
Adapter for metal radio tubes. H. L. Thorson. 2,192,760; Mar. 5.
Adapter for reagent bottles. W. O. Geyer. 2,224,222; Dec. 10.
Adapter for valve bags. A. J. Verwys. 2,189,847; Feb. 13.
Adding and subtracting device. W. Hess. 2,187,496; Jan. 16.
Adding machine. M. Garbell. 2,211,891; Aug. 20.
Adding machine. E. Grundlehner. 2,223,612; Dec. 3.
Addition agent and its use. J. H. Critchett and W. Crafts. 2,221,783; Nov. 19.
Addition agent and its use in the treatment of iron and steel. J. H. Critchett and W. Crafts. 2,221,781; Nov. 19.
Addition agent for storage battery paste. H. B. Birt, W. C. Pritchard, and R. A. Daily. 2,217,787; Oct. 15.
Addition and stabilizer agent for lubricating oils and hydrocarbon liquids (metal-alkoxide-carboxylates.) B. A. Stagner. 2,225,197; Dec. 17.
Addition compounds of cyclohexylamines and monocyclic phenols. G. L. Hockenyos. 2,189,420; Feb. 6.
Addition products of thiophenols and acrylic acid esters. R. A. Jacobson. 2,199,799; May 7.
Addition products of 3,4 dehydrocyclotetramethylene sulphone. D. Delfs. 2,219,006; Oct. 22.
Address-printing machine. J. Krell. 2,212,443; Aug. 20.
Address-printing machine with blank feeding mechanism. J. Krell. 2,211,661; Aug. 13.
Address stabilizing system, Public. L. J. Anderson. 2,189,306; Feb. 6.
Addressing machine. H. P. Elliott. 2,213,341; Sept. 3.
Addressing machine for multisection bills. H. P. Elliott. 2,206,743; July 2.
Addressing machine, Selective. J. Krell. 2,189,115; Feb. 6.
Adhesive. P. B. Davidson and J. R. Adams. 2,202,247; May 28.
Adhesive. T. W. Dike. 2,186,369; Jan. 9.
Adhesive. R. G. Drew. 2,188,099; Jan. 23.
Adhesive. R. G. Drew. 2,203,677; June 11.
Adhesive. E. R. Edson and G. F. Mach. 2,192,585; Mar. 5.
Adhesive. A. Menger. 2,190,239; Feb. 13.
Adhesive. A. Menger. 2,203,501; June 4.
Adhesive. J. Schmucker. 2,214,286; Sept. 10.
Adhesive abrasive composition. H. O. Richter. 2,205,438; June 25.
Adhesive, Amylaceous remoistening. H. F. Bauer. 2,215,849; Sept. 24.
Adhesive and making the same. E. R. Edson and G. F. Mach. 2,210,119; Aug. 6.
Adhesive and preparing the same, Low viscosity starch. K. Ward, Jr. 2,202,678; May 28.
Adhesive composition. J. H. Long. 2,224,035; Dec. 3.
Adhesive compositions. E. C. Pitman. 2,223,575; Dec. 3.
Adhesive-applying apparatus. J. F. Standish. 2,198,638; Apr. 30.
Adhesive applying machine. J. H. Murch. 2,220,943; Nov. 12.
Adhesive applying means. J. A. Johnson. 2,208,636; July 23.
Adhesive applying mechanism for envelope blanks and the like. E. G. Staude. 2,198,066; Apr. 23.
Adhesive composition and preparing same. A. D. Macdonald. 2,212,611; Aug. 27.
Adhesive composition and preparing the same. H. M. Salisbury. 2,204,384; June 11.
Adhesive for an abrasive article such as sandpaper, Bonding. D. O. Guth. 2,202,765; May 28.
Adhesive material, Creped pressure-sensitive. P. F. Ziegler and K. C. Hoeglund. 2,214,007; Sept. 10.
Adhesive of the remoistening type. H. F. and J. V. Bauer and D. M. Hawley. 2,220,988; Nov. 12.
Adhesive paste and producing same, Plastic. E. Hirsch. 2,208,580; July 23.
Adhesive, Remoistening. H. F. and J. V. Bauer and D. M. Hawley. 2,220,987; Nov. 12.
Adhesive tape dispenser. R. G. Drew. 2,213,242; Sept. 3.
Adhesive tape dispenser. G. A. Ellestad. 2,214,763; Sept. 17.
Adhesives, Applying. P. Rentsch. 2,192,453; Mar. 5.
Adhesives, Manufacture of. J. R. Adams. 2,190,372; Feb. 13.
Adhesives, such as wood glue, Manufacture of. E. Abramowitsch. 2,197,168; Apr. 16.
Adiponitrile, Vapor phase catalytic hydrogenation of. W. A. Lazier. 2,200,282; May 14.
Adjustable bearing. J. and F. Porst. 2,226,233; Dec. 24.
Adjustable bracket. A. Peckham. 2,198,088–9; Apr. 23.
Adjustable bracket. A. Peckham. 2,201,787; May 21.
Adjustable body support. J. W. Buttikofer. 2,211,453; Aug. 13.
Adjustable chair. I. C. Decker. 2,191,644; Feb. 27.
Adjustable chair. C. L. Hunsicker. 2,216,348; Oct. 1.
Adjustable clamp. G. A. Ley. 2,194,800; Mar. 26.
Adjustable clip. E. F. Smart. 2,208,860; July 23.
Adjustable coupling. H. O. Rastetter. 2,214,381; Sept. 10.
Adjustable cover. H. S. Shapiro. 2,226,233; Dec. 24.
Adjustable delivery container. H. G. Gillespie. 2,226,105; Dec. 24.
Adjustable depth gauge. F. J. Stephan. 2,192,245; Mar. 5.
Adjustable frame. G. E. Shipway and L. M. Steuber. 2,185,650; Jan. 2.
Adjustable gauge. J. C. Parrish. 2,210,124; Aug. 6.
Adjustable hanger. J. Speranza. 2,210,606; Aug. 6.
Adjustable hanger. J. Speranza. 2,225,281; Dec. 17.
Adjustable joint. M. J. Drachman and K. Stoye. 2,202,195; May 28.
Adjustable multiple drill. A. I. Handling and J. D. MacKnight. 2,186,294; Jan. 9.
Adjustable seat. J. W. Greig. 2,189,396; Feb. 6.
Adjustable seat support. W. S. Saunders and T. A. McGregor. 2,219,456; Oct. 29.
Adjustable separator. J. Crites. 2,195,618; Apr. 2.
Adjustable support. T. A. McGregor. 2,210,727; Aug. 6.
Adjustable supporting means. A. Kindelmann and C. A. Soehl. 2,211,825; Aug. 20.
Adjustable telephone support. P. H. Sherron. 2,215,799; Sept. 24.
Adjuster and manipulator, Mechanical. L. Douglas. 2,221,785; Nov. 19.
Adjuster, Automatic. H. C. Bowen. 2,200,910; May 14.
Adjuster, Automatic. H. C. Bowen. 2,206,628; July 2.
Adjuster, Automatic. H. C. Bowen. 2,211,639; Aug. 13.
Adjuster for brakes, Automatic. H. C. Bowen. 2,220,809; Nov. 5.
Adjuster for brakes, Slack. W. F. Boldt. 2,194,584; Mar. 26.
Adjuster for hydraulic brakes. H. Anderson. 2,193,385; Mar. 12.
Adjusting apparatus. A. A. Norman. 2,197,192; Apr. 16.
Adjusting apparatus in edging machines. K. E. Everell. 2,198,194; Apr. 23.
Adjusting device for adjacent parts of machinery. E. Leitz, Jr., and R. Noack. 2,199,802; May 7.
Adjusting device for punch-retaining blocks. J. H. M. Michon. 2,216,208; Oct. 1.
Adjusting means for air valves. E. A. Davies. 2,197,250; Apr. 16.
Adjusting means for cutting steels and piercing punches. J. H. M. Michon. 2,213,919; Sept. 3.
Adjusting means, Selectively operable automatic. M. W. Kenney and A. A. Gedde. 2,185,407; Jan. 2.
Adjusting mechanism for piercing punches. J. H. M. Michon. 2,217,560; Oct. 8.
Adjustment device. W. F. Helmond. 2,202,053; May 28.
Adjustment mechanism. F. L. Huenergarde. 2,193,098; Mar. 12.
Adjustment, particularly for telegraph apparatus, Means for. E. Orth. 2,213,048; Aug. 27.
Admixture for concrete or cement. A. Marzoli. 2,199,920; May 7.
Adrenaline, Stable derivative of. F. Hoffmann and P. Marquardt. 2,212,831; Aug. 27.
Adsorbate and making the same. G. F. Siemers. 2,188,319; Jan. 30.
Adsorbent material and process. F. A. Bodenheim and C. E. Heath. 2,209,069; July 23.
Adsorbent product and using the same. T. M. Beck and G. I. Klein. 2,214,520; Sept. 10.
Adsorption apparatus and method. W. E. Moore and G. L. Simpson. 2,204,431; June 11.
Adsorptive body and making the same. R. G. Guthrie. 2,214,925; Sept. 17.
Adsorptive unit. R. G. Guthrie. 2,215,323; Sept. 17.
Advertising apparatus, Automatic. C. P. Fasig. 2,192,072; Feb. 27.
Advertising band. J. W. Elder. 2,194,220; Mar. 19.
Advertising change tray. R. Lan. 2,212,944; Aug. 27.
Advertising device. T. Berner. 2,193,958; Mar. 19.
Advertising device. E. A. Boline. 2,226,367; Dec. 24.
Advertising device. L. A. Cabrera. 2,186,665; Jan. 9.
Advertising device. A. H. Christensen. 2,190,114; Feb. 13.
Advertising device. E. Elle. 2,225,442; Dec. 17.
Advertising device. I. I. Kastel. 2,225,699; Dec. 24.
Advertising device. F. Maltese. 2,202,915; June 4.
Advertising device. G. H. Rufle. 2,210,382; Aug. 6.
Advertising device. J. E. Sayre. 2,213,261; Sept. 3.
Advertising device. H. W. Sternberg. 2,223,433; Dec. 3.
Advertising device, Luminous. L. Lion. 2,189,506; Feb. 6.
Advertising device, Mechanical. W. B. Cleland. 2,193,475; Mar. 12.
Advertising device or toy. H. K. Murphy. 2,190,800; Feb. 20.

Advertising display device. L. E. Herberger. 2,223,685; Dec. 3.
Advertising display device. M. Reynolds. 2,208,344; July 16.
Advertising display, Illuminated. M. S. Dunkelberger. 2,222,309; Nov. 19.
Advertising method and magnet motivated object. F. W. Dunmore. 2,220,049; Oct. 29.
Advertising streamer, Aerial. E. G. Wiemer. 2,203,623; June 4.
Advertising, System of. H. H. Beizer. 2,206,998; July 9.
Aerating device for liquids. C. H. Thuma. 2,194,037; Mar. 19.
Aeration apparatus. A. J. Weinig. 2,198,143; Apr. 23.
Aerator, Mechanical. E. B. Mallory. 2,204,093; June 11.
Aerial. J. R. Koss. 2,199,727; May 7.
Aerial and associated feeder system. N. Wells and A. W. Ladner. 2,195,232; Mar. 26.
Aerial and feeder system for use in high frequency signaling systems. E. C. Cork and J. L. Pawsey. 2,210,066; Aug. 6.
Aerial, Automobile body. J. Tjaarda. 2,196,369; Apr. 9.
Aerial, Beacon. K. Franz. 2,189,283; Feb. 6.
Aerial, Controllable radio. J. B. McPherson, IV. 2,207,692; July 9.
Aerial, Extensible. C. W. Martin. 2,211,858; Aug. 20.
Aerial mapping, Method and apparatus for. B. A. Diggins and O. E. Trautmann. 2,200,594; May 14.
Aerial navigation. S. L. Egenas. 2,202,987; June 4.
Aerial navigation control. H. N. R. Carlson. 2,196,139; Apr. 2.
Aerial navigation means. J. B. P. H. Galle. 2,199,819; May 7.
Aerial navigation system. J. W. Greig. 2,226,860; Dec. 31.
Aerial, Ornamental indoor. J. Stevens. 2,204,286; June 11.
Aerial system. O. Böhm. 2,207,504; July 9.
Aerial system. E. C. Cork, M. Bowman-Manifold, and J. L. Pawsey. 2,208,749; July 23.
Aerial system. E. C. Cork and J. L. Pawsey. 2,213,692; Sept. 3.
Aerial system, Directional. E. C. Cork and J. L. Pawsey. 2,187,015; Jan. 16.
Aerial, Variable radio. A. C. Ducati. 2,223,887; Dec. 3.
Aerodynamic control device. E. F. Zap. 2,191,840; Feb. 27.
Aerogel compositions, Inorganic. S. S. Kistler. 2,188,007; Jan. 23.
Aerological instrument. C. P. Yaglou. 2,197,564; Apr. 16.
Aeronautical instrument. L. de Florez. 2,208,666; July 23.
Aerosol wetting agents in blueprint coatings. G. P. Ham and R. B. Barnes. 2,209,917; July 30.
Aerotube apparatus. Fire alarm. W. J. Kleinknecht. 2,203,055; June 4.
Affination apparatus for treating sugar. E. Roberts. 2,206,237; July 2.
Agar-agar flakes, Preparing. T. W. Halliday. 2,200,774; May 14.
Agave plant and recovering the same, Products obtained from the juices of. G. J. Nord. 2,210,463; Aug. 6.
Age resistor. W. C. Calvert. 2,226,803; Dec. 31.
Age resistor. A. M. Clifford. 2,189,725; Feb. 6.
Age resistor. A. M. Clifford. 2,205,084; June 18.
Age resistor. W. M. Lauter. 2,189,736; Feb. 6.
Age resistor. W. Scott. 2,211,629; Aug. 13.
Age resistor. W. L. Semon. 2,218,661; Oct. 22.
Age resistor. W. D. Wolfe. 2,200,526; May 14.
Agent for combating pests. J. Treboux. 2,221,931; Nov. 19.
Agent for foundry cores and manufacture thereof, Binding. P. A. Ray. 2,203,471; June 4.
Agent for improving lubricating oils. J. I. Wasson. 2,218,997; Oct. 22.
Agent for poisonous gases, Warning. R. G. Aitken and C. J. S. Warrington. 2,203,764; June 11.
Agents for aftertreating dyeings of insoluble azo dyestuffs. H. Ellner. 2,222,285; Nov. 19.
Agents of capillary action from alkyl-amino-carboxylic acids with tertiary or quarternary bound nitrogen. K. Daimler, C. Piatz, F. Bücking, and J. Rosenbach. 2,206,249; July 2.
Agents, Producing binding. K. Halbach. 2,210,367; Aug. 6.
Aggregate spreader. W. J. Slavin. 2,186,081; Jan. 9.
Aggregates of carbon black, Making. H. J. Glaxner. Re. 21,379; Mar. 5.
Agitating, aerating, and/or mixing machine. J. J. Bean. 2,191,739; Feb. 27.
Agitating and comminuting mechanism. W. O. Chace. 2,203,404; June 4.
Agitating machine. T. C. Parker, Jr. 2,202,564; May 28.
Agitator, Aerating. J. Moores. 2,193,934; Mar. 19.
Agitator for domestic mixers. R. C. Wolff. 2,208,955; July 23.
Agitator for hoppers, Lading. R. W. Joy. 2,226,723; Dec. 31.
Agitator for washing machines. L. G. Knapp and T. V. Parke. 2,189,862; Feb. 13.
Agitator for washing machines. T. J. Litle, Jr. 2,199,027–8; Apr. 30.
Agitator for washing machines. T. J. Litle. 2,212,373; Aug. 20.
Agitator for washing machines. J. C. Nelson. 2,208,102; July 16.
Agitator or mixer. D. M. Wilhelm and A. E. Kempler. 2,227,331; Dec. 31.
Agricultural device. N. A. Dreikosen. 2,220,398; Nov. 5.
Agricultural implement. O. A. Audilet. 2,225,516; Dec. 17.
Agricultural implement. I. J. Ayo. 2,193,157; Mar. 12.
Agricultural implement. C. W. Kelsey. 2,199,954; May 7.
Agricultural implement. C. G. Swisher. 2,196,129; Apr. 2.
Agricultural implement. J. P. Turner. 2,226,676; Dec. 31.
Agricultural implements, Raising and lowering of. C. E. Goldup. 2,198,196; Apr. 23.
Agricultural machine. H. S. and W. S. Ausherman. 2,214,396; Sept. 10.
Agricultural machine. T. C. Bushong. 2,204,569; June 18.
Agricultural machine. G. Degrelle. 2,198,864; Apr. 30.
Agricultural machine. D. T. Fleming. 2,223,559; Dec. 3.
Agricultural machine. L. E. Morrow. 2,224,795; Dec. 10.
Agriculture implement. A. P. Dahlman. 2,225,258; Dec. 17.
Aid to standing and walking. F. W. Paul. 2,208,195; July 16.
Ailerons of aircraft, Actuating. H. Rebeski. 2,222,915; Nov. 26.
Ailerons, rudders, and elevators of aircraft, Controlling the movements of R. Tampier. 2,192,871; Mar. 5.
Air and moisture distribution for greenhouses. T. H. Wright. 2,193,911; Mar. 19.
Air and other gases, Method and apparatus for conditioning. C. R. Downs and J. W. Spiselman. 2,221,787; Nov. 19.
Air and other gases, Process and apparatus for conditioning. M. M. Jalma. 2,217,204; Oct. 8.
Air and other separator. G. H. Fraser. 2,188,431–2; Jan. 30.
Air and other separator. G. H. Fraser. 2,188,474; Jan. 30.
Air and vacuum appliance for automobile and automobile motors. S. A. Nathan. 2,218,265; Oct. 15.
Air balance for pump. C. M. O'Leary. 2,218,215; Oct. 15.
Air blast circuit breaker. D. C. Prince. 2,222,719; Nov. 26.
Air brake. F. Barta. 2,218,866; Oct. 22.
Air brake. C. A. Campbell. 2,197,092; Apr. 16.
Air brake. C. A. Campbell. 2,198,426; Apr. 23.
Air brake. C. A. Campbell. 2,198,760; Apr. 30.
Air brake. C. A. Campbell. 2,209,258; July 23.
Air brake. W. E. Vergan. 2,211,529; Aug. 13.
Air brake testing apparatus. R. Simpson. 2,189,184; Feb. 6.
Air cell. H. H. Raulerson. 2,211,074; Aug. 13.
Air circulating device. A. E. Guth. 2,190,945; Feb. 20.
Air circulating system for refrigerator cars and the like. W. E. Van Dorn. 2,214,210; Sept. 10.
Air circulator and temperature regulator. F. E. Pilley. 2,200,098; May 7.
Air cleaner. D. B. Baker, W. O. Bechman, R. C. Hartsough, and L. F. Overholt. 2,199,019; Apr. 30.
Air cleaner. F. P. Bingman. 2,191,187; Feb. 20.
Air cleaner. R. C. Darnell. Re. 21,570; Sept. 17.
Air cleaner. H. H. Garner. 2,198,963; Apr. 30.
Air cleaner. T. W. Hallerberg. 2,201,650; May 21.
Air cleaner. H. C. Hill. 2,225,112; Dec. 17.
Air cleaner. H. H. Nicholson. 2,221,717; Nov. 12.
Air cleaner. T. R. Smith. 2,193,116; Mar. 12.
Air cleaner and silencer assembly. A. F. Baillio. 2,217,830; Oct. 15.
Air cleaner and silencer assembly. H. G. Kamrath. 2,214,731; Sept. 17.
Air cleaner, Self sustained electrostatic. R. L. Hildebrand. 2,214,585; Sept. 10.
Air cleaning and filtering device. J. E. Hollebone. 2,203,570; June 4.
Air cleaning device. F. S. Orem. 2,187,546; Jan. 16.
Air compressor. N. A. Christensen. 2,199,482; May 7.
Air compressor. S. Pytlewski. 2,210,431; Aug. 6.
Air compressor controller. B. E. Shaw. 2,221,222; Nov. 12.
Air conditioned vehicle. C. F. Mandery. 2,202,635; May 28.
Air conditioned wall heater. H. R. Boorman. 2,197,679; Apr. 16.
Air conditioner. J. R. Bates. 2,210,354; Aug. 6.
Air conditioner. A. M. Highhouse. 2,213,911; Sept. 3.
Air conditioner. E. F. Limbers. 2,223,492; Dec. 3.
Air conditioner. C. E. Meyerhoefer. 2,218,407; Oct. 15.
Air conditioner. C. H. Neiman. 2,190,242; Feb. 13.
Air conditioner. R. J. Smith. 2,187,954; Jan. 23.
Air conditioner. P. F. Sperry. 2,186,562; Jan. 9.
Air conditioner and ventilator, Combination. E. M. Andersen. 2,207,770; July 16.
Air conditioner, Circulating. C. J. Miller. 2,221,842; Nov. 19.

Air conditioner for automobiles. W. R. Bolan. 2,223,884; Dec. 3.
Air-conditioner for automobiles. C. T. Perkins. 2,213,017–8; Aug. 27.
Air conditioner, Portable. W. B. Harris. 2,218,198; Oct. 15.
Air conditioner, Stovepipe. N. F. Miller. 2,212,301; Aug. 20.
Air conditioner, Vehicle. M. E. Bowdish. 2,189,391; Feb. 6.
Air conditioning. F. R. Bichowsky. 2,199,967; May 7.
Air, Conditioning. C. R. Downs. 2,192,126; Feb. 27.
Air conditioning. W. Goodman. 2,207,728–9; July 16.
Air conditioning. C. F. Henney. 2,211,567; Aug. 13.
Air conditioning. W. M. Killingsworth. 2,187,905; Jan. 23.
Air conditioning. A. B. Newton. 2,195,781; Apr. 2.
Air conditioning. C. E. Ploeger. 2,196,473; Apr. 9.
Air conditioning. N. J. Urquhart. 2,217,190; Oct. 8.
Air conditioning. G. V. Woodling. 2,190,344; Feb. 13.
Air conditioning. G. V. Woodling. 2,191,208; Feb. 20.
Air conditioning G. V. Woodling. 2,194,041; Mar. 19.
Air conditioning apparatus. E. E. Arnold and A. A. Currie. 2,216,427; Oct. 1.
Air conditioning apparatus. C. F. Beeler. 2,206,445; July 2.
Air conditioning apparatus. B. E. Black. 2,219,029; Oct. 22.
Air conditioning apparatus. C. L. Bryant. 2,214,269; Sept. 10.
Air conditioning apparatus. C. L. Bryant. 2,214,322; Sept. 10.
Air conditioning apparatus. C. A. Bulkeley. 2,207,714; July 16.
Air conditioning apparatus. F. Butler. 2,204,401; June 11.
Air conditioning apparatus. C. B. Cook. 2,204,012; June 11.
Air conditioning apparatus. M. Crandall and M. Sanders. 2,195,768; Apr. 2.
Air conditioning apparatus. I. H. Dale. 2,213,082; Aug. 27.
Air conditioning apparatus. A. E. Dempsey, Jr. 2,203,406; June 4.
Air conditioning apparatus. W. Ewald. 2,216,551; Oct. 1.
Air conditioning apparatus. A. A. Feinberg. 2,201,647; May 21.
Air conditioning apparatus. A. A. Feinberg. 2,225,740; Dec. 24.
Air conditioning apparatus. H. Gibson. 2,221,688; Nov. 12.
Air conditioning apparatus. R. M. Girstenbrei. 2,204,732; June 18.
Air conditioning apparatus. J. P. Goggins. 2,187,397; Jan. 16.
Air conditioning apparatus. H. B. Hartman. 2,205,831; June 25.
Air conditioning apparatus. G. E. Hicke. 2,213,733; Sept. 3.
Air conditioning apparatus. W. R. Hildebrand. 2,186,697; Jan. 9.
Air conditioning apparatus. R. E. Holmes. 2,211,930; Aug. 20.
Air conditioning apparatus. L. G. Huggins. 2,185,198; Jan. 2.
Air conditioning apparatus. M. R. Karge. 2,198,822; Apr. 30.
Air conditioning apparatus. P. Komroff, R. D. Lambert, and M. C. Terry. 2,212,239; Aug. 20.
Air conditioning apparatus. R. D. Lambert, P. Komroff, and M. C. Terry. 2,214,467; Sept. 10.
Air conditioning apparatus. H. E. Lindemann. 2,211,335; Aug. 13.
Air conditioning apparatus. G. Metzger, R. R. Gannon, and L. Jensen. 2,227,359; Dec. 31.
Air-conditioning apparatus. E. B. Morgan. 2,206,749; July 2.
Air conditioning apparatus. J. W. Obreiter, Jr. 2,206,115; July 2.
Air conditioning apparatus. D. E. Perham. 2,186,145; Jan. 9.
Air conditioning apparatus. F. E. Pernot and L. J. Rich. 2,225,795; Dec. 24.
Air conditioning apparatus. G. K. Rubel. 2,196,644; Apr. 9.
Air conditioning apparatus. J. Schury. 2,189,021; Feb. 6.
Air conditioning apparatus. H. Seid. 2,213,350; Sept. 3.
Air conditioning apparatus. W. Shurtleff. 2,220,355; Nov. 5.
Air conditioning apparatus. W. S. Somers. 2,190,998; Feb. 20.
Air conditioning apparatus. M. C. Terry. 2,209,800; July 30.
Air conditioning apparatus. R. D. Touton. 2,208,740; July 23.
Air conditioning apparatus. A. Weiland and J. R. Zwickl. 2,185,387; Jan. 2.
Air conditioning apparatus and method. C. M. Ashley. 2,208,443; July 16.
Air conditioning apparatus and method. W. J. Madden. 2,216,690; Oct. 1.
Air conditioning apparatus, Automobile. W. E. Meek. 2,195,010; Mar. 26.
Air conditioning apparatus, Portable. A. A. Feinberg. 2,197,974; Apr. 23.
Air conditioning assembly for vehicles. J. P. Goggins. 2,187,398; Jan. 16.
Air conditioning control system. W. G. Hillen and F. W. Bailey. 2,193,923; Mar. 19.
Air conditioning control system, Railroad. F. B. Conlon. 2,213,337; Sept. 3.
Air conditioning, cooling, and heating apparatus. G. R. Smith and A. K. Grafton. 2,223,429; Dec. 3.
Air conditioning device. I. I. Bock. 2,203,590; June 4.
Air conditioning device. P. Crosley, Jr. 2,194,497; Mar. 26.
Air conditioning device. E. P. Gaines. 2,209,263; July 23.
Air conditioning device. G. A. Helbing, Jr. 2,216,175; Oct. 1.
Air conditioning device. J. Van Vliet. 2,221,010; Nov. 12.
Air conditioning device for passenger vehicles. F. M. Young. 2,221,891; Nov. 19.
Air conditioning for railway cars. F. A. Ecoff. 2,226,753; Dec. 31.
Air conditioning for railway cars, All season. H. D. Euwer. 2,201,765; May 21.
Air conditioning means for automobiles. C. T. Perkins. 2,213,016; Aug. 27.
Air conditioning means for automotive vehicles. R. C. Graef. 2,198,337; Apr. 23.
Air conditioning means for rail cars. R. J. Burrows and A. O. Williams. 2,188,496; Jan. 30.
Air conditioning method. C. M. Ashley. 2,203,560; June 4.
Air conditioning method and apparatus. C. M. Ashley. 2,200,945; May 14.
Air conditioning method and apparatus. C. M. Ashley and S. F. Shawhan. 2,218,597; Oct. 22.
Air conditioning method and apparatus. R. T. Brizzolara. 2,192,221; Mar. 5.
Air conditioning method and apparatus. G. H. Karlsteen. 2,209,775; July 30.
Air conditioning, Method of and apparatus for. L. S. Keilholtz. 2,210,458; Aug. 6.
Air conditioning plant. R. H. Folsom. 2,188,811; Jan. 30.
Air conditioning system. S. M. Anderson. 2,193,153; Mar. 12.
Air conditioning system. S. M. Anderson. 2,218,190; Oct. 15.
Air conditioning system. E. A. Bailey. 2,204,394; June 11.
Air conditioning system. F. W. Borse and C. R. Hiers. 2,224,629; Dec. 10.
Air conditioning system. H. Byland. 2,190,822; Feb. 20.
Air conditioning system. W. H. Carrier. 2,202,946; June 4.
Air conditioning system. F. Conrad. 2,205,744; June 25.
Air conditioning system. C. A. Cummings. 2,206,009; June 25.
Air conditioning system. A. Y. Dodge. 2,197,492; Apr. 16.
Air conditioning system. C. R. Downs. 2,210,656; Aug. 6.
Air conditioning system. J. Frankenberg. 2,187,492; Jan. 16.
Air conditioning system. H. Gibson. 2,196,011; Apr. 2.
Air conditioning system. W. Goodman. 2,212,983; Aug. 27.
Air conditioning system. A. C. Grant. 2,226,510; Dec. 24.
Air conditioning system. J. E. Haines. 2,217,680; Oct. 15.
Air conditioning system. J. E. Haines. 2,218,468; Oct. 15.
Air conditioning system. J. E. Haines. 2,225,955; Dec. 24.
Air conditioning system. H. E. Hartig. 2,200,225; May 7.
Air conditioning system. W. F. R. Karsten. 2,215,327; Sept. 17.
Air conditioning system. G. M. Kingsland. 2,223,287; Nov. 26.
Air conditioning system. J. S. Locke. 2,219,547; Oct. 29.
Air conditioning system. W. L. McGrath. 2,189,382. Feb. 6.
Air conditioning system. R. H. Metcalf. 2,216,475; Oct. 1.
Air conditioning system. F. C. Miller. 2,209,787; July 30.
Air conditioning system. W. R. Miller. 2,200,118; May 7.
Air conditioning system. F. L. Murphy, P. S. Westcott, and M. P. Winther. 2,193,835; Mar. 19.
Air conditioning system. C. W. Nessell. 2,223,295; Nov. 26.
Air conditioning system. A. B. Newton and J. S. Locke. 2,200,243; May 14.
Air conditioning system. L. A. Philipp. 2,191,622; Feb. 27.
Air conditioning system. L. A. Philipp, 2,222,236-42; Nov. 19.

Air conditioning system. S. J. Shure. 2,212,356; Aug. 20.
Air conditioning system. H. L. Steinfeld. 2,196,687; Apr. 9.
Air conditioning system. O. J. St. Pierre. 2,210,960; Aug. 13.
Air conditioning system. D. M. Williamson. 2,220,808; Nov. 5.
Air-conditioning system and apparatus. J. B. Moncrief. 2,187,982; Jan. 23.
Air conditioning system comprising direct drive and ice storage, Railway. C. R. Neeson. 2,185,515; Jan. 2.
Air conditioning system for automobiles. N. E. Wahlberg. 2,185,486; Jan. 2.
Air conditioning system for buildings. F. C. Cowderoy-Dale. 2,188,566; Jan. 30.
Air conditioning system for motor vehicles. C. H. Nickell. 2,212,503; Aug. 27.
Air conditioning system for railway cars. M. P. Winther. 2,193,836; Mar. 19.
Air conditioning system for railway cars. M. P. and A. Winther. 2,193,837; Mar. 19.
Air conditioning system for vehicles. L. C. Anderson. 2,193,839; Mar. 19.
Air conditioning system for vehicles. F. L. Murphy, P. S. Westcott, and M. P. Winther. 2,193,838; Mar. 19.
Air conditioning system, Repass. T. J. Atkins. 2,198,449; Apr. 23.
Air conditioning system utilizing refrigeration. S. M. Anderson. 2,193,152; Mar. 12.
Air conditioning system utilizing refrigeration. S. M. Anderson. 2,204,114; June 11.
Air conditioning unit. H. B. Hall. 2,191,885; Feb. 27.
Air conditioning unit. E. J. Lattner. 2,222,080; Nov. 19.
Air conditioning unit. J. H. Newport. 2,187,889; Jan. 23.
Air conditioning unit. H. B. Parker. 2,212,748; Aug. 27.
Air conditioning unit. F. M. Young and E. H. Stempel. 2,220,594; Nov. 5.
Air conditioning unit, Floor mounted. C. R. Neeson. 2,213,347; Sept. 3.
Air conditioning unit, Summer. H. M. Patch. 2,209,999; Aug. 6.
Air conditioning unit, Window ledge. B. W. Jewell. 2,198,500; Apr. 23.
Air control device. M. W. Hartmann. 2,215,815; Sept. 24.
Air control for carburetor, Auxiliary. H. H. Huber. 2,207,152; July 9.
Air control for stokers and the like. R. W. Suman and E. W. Schmidt. 2,200,660; May 14.
Air control means for oil burners. L. L. Finnigan. 2,214,246; Sept. 10.
Air controlling instrument. C. B. Moore. 2,220,974; Nov. 12.
Air cooler. G. N. Crouch. 2,207,313; July 9.
Air cooler. S. M. Kalin. 2,196,310; Apr. 9.
Air cooler. A. H. Massey. 2,221,003; Nov. 12.
Air cooler and/or humidifier. W. D. Smith. 2,202,235; May 28.
Air cooler, Evaporative. C. W. and L. D. De Mund. 2,187,019; Jan. 16.
Air cooling and circulating device. W. L. Morrison. 2,224,878; Dec. 17.
Air cooling and conditioning apparatus. B. C. Shipman. 2,211,033; Aug. 13.
Air cooling apparatus. J. N. Melcher. 2,224,740; Dec. 10.
Air cooling arrangement for outomobiles. M. Klavík. 2,194,394; Mar. 19.
Air, Cooling, drying and reheating compressed. M. T. Pickstone. 2,209,661; July 30.
Air cooling means. W. T. Burbank. 2,217,002; Oct. 8.
Air cooling of automobiles. M. Klavik. 2,199,316; Apr. 30.
Air cooling system, Compressed. V. Villette. 2,209,097; July 23.
Air cooling system for internal combustion engines. C. T. Doman and F. C. Savage. 2,219,516; Oct. 29.
Air cooling unit and atomizer therefor. H. Goodman and V. S. Dillingham. 2,215,753; Sept. 24.
Aircraft. A. P. de Seversky. 2,219,980; Oct. 29.
Aircraft. J. M. Gwinn, Jr. 2,198,495–6; Apr. 23.
Aircraft. B. B. Smith. Re. 21,478; June 4.
Aircraft. R. J. Thompson. Re. 21,484; June 18.
Aircraft. S. W. Thompson. 2,210,642; Aug. 6.
Aircraft. D. E. van Vactor. 2,194,060; Mar. 19.
Aircraft. T. van Waveren. 2,198,893; Apr. 30.
Aircraft and the operation thereof, Rotary-winged. A. E. Larsen. 2,192,139; Feb. 27.
Aircraft appliance. R. M. Nardone. 2,198,834; Apr. 30.
Aircraft, Automatic control of. H. Langgässer. 2,217,254; Oct. 8.
Aircraft, Braking. O. Mader. 2,216,416; Oct. 1.
Aircraft catapults, Controlling. E. Hollmann, 2,207,806; July 16.
Aircraft construction. H. S. Dale. 2,193,554; Mar. 12.
Aircraft construction. I. H. Driggs. 2,204,404; June 11.
Aircraft construction. J. W. Overbeke. 2,222,683; Nov. 26.
Aircraft construction. O. E. Tormollan, Jr. 2,201,249; May 21.
Aircraft control. J. M. Gwinn, Jr. 2,187,152; Jan. 16.
Aircraft control. J. Thiry. 2,190,391; Feb. 13.
Aircraft control means. F. C. Albright. 2,220,194; Nov. 5.
Aircraft, Control surface on. R. Tampier. 2,207,387; July 9.
Aircraft, Controlling the moving surfaces of. R. Tampier. 2,192,872; Mar. 5.
Aircraft, Device for increasing the internal air pressure of. W. S. Diehl. 2,207,724; July 16.
Aircraft engine. R. A. L. Seligman. 2,196,340; Apr. 9.
Aircraft engine, Air-cooled. A. H. R. Fedden, J. W. Copley, and P. Fortescue. 2,214,669; Sept. 10.
Aircraft flotation gear. H. C. Grant, Jr. 2,194,442; Mar. 19.
Aircraft having freely rotative wings. J. de la Cierva. 2,216,162; Oct. 1.
Aircraft having its wings provided with disturbing bodies. H. Wagner. 2,218,128; Oct. 15.
Aircraft having rotative sustaining wings. P. H. Stanley. 2,193,498; Mar. 12.
Aircraft landing areas, Marking of. D. D. Cooke. 2,203,894; June 11.
Aircraft pilot's seat. A. P. de Seversky. 2,193,449; Mar. 12.
Aircraft, Pneumatically supported miniature. R. J. Burke. 2,198,509; Apr. 23.
Aircraft power plant control. R. E. Palmer. 2,195,036; Mar. 26.
Aircraft propulsion. J. B. Gilbert. 2,208,156; July 16.
Aircraft propulsion. O. Mader. 2,205,625; June 25.
Aircraft, Range-finding and projectile-releasing means for. C. L. Kee. 2,206,777; July 2.
Aircraft, Rotary-wing. G. S. Schairer. 2,216,164; Oct 1.
Aircraft, Rotary winged. H. S. Campbell. 2,201,810; May 21.
Aircraft, Rotary-winged. H. S. Campbell. 2,203,012; June 4.
Aircraft, Rotating wing. H. Focke. 2,209,879; July 30.
Aircraft, Rotating-wing. H. Focke. 2,217,108; Oct. 8.
Aircraft, Rotating wing. O. Jacobs. 2,198,941; Apr. 30.
Aircraft, Rotating-wing. J. G. Ray. 2,216,163; Oct. 1.
Aircraft, Rotative wing. H. T. Avery. 2,219,288; Oct. 29.
Aircraft, Rotative winged. R. G. Anderson. 2,217,883; Oct. 15.
Aircraft, R. L. M. F. Rouanet and F. V. A. J. Rey. 2,186,558; Jan. 9.
Aircraft ski board supporting apparatus. B. S. Seltenreich and W. F. Bunsen. 2,223,834; Dec. 3.
Aircraft structure. A. P. de Seversky. 2,207,242; July 9.
Aircraft structure. A. P. de Seversky. 2,214,722; Sept. 10.
Aircraft supporting wing. W. Blume. 2,207,453; July 9.
Aircraft sustaining rotor. J. A. J. Bennett. 2,217,663; Oct. 15.
Aircraft, System for landing. W. M. Hahnemann. 2,225,475; Dec. 17.
Aircraft tail device. R. Saulnier. 2,220,546; Nov. 5.
Aircraft undercarriage. O. F. Maclaren. 2,222,850; Nov. 26.
Aircraft wing. A. P. de Seversky. 2,191,342; Feb. 20.
Aircraft wing. H. H. Stewart. 2,223,335; Nov. 26.
Aircraft wing construction. S. C. Hart-Still. 2,225,779; Dec. 24.
Aircraft wing system. T. H. Stone. 2,207,951; July 16.
Aircraft with autorotative sustaining rotors. J. de la Cierva. 2,216,768; Oct. 8.
Aircraft with rotating airfoils. H. F. Pitcairn. 2,225,525; Dec. 17.
Air current deflector. H. Holden. 2,224,433; Dec. 10.
Air dehydrating device, Compressed. C. C. Farmer. 2,208,756; July 23.
Air diffusing and illuminating device, Combined. F. J. Kurth. 2,209,887; July 30.
Air diffusing means. A. C. Durdin, Jr. 2,221,346; Nov. 12.
Air directing device for nozzle for use in ventilating systems. S. Hall and A. Myers. 2,197,614; Apr. 16.
Air distributing and illuminating device, Combined. F. J. Kurth. 2,210,589; Aug. 6.
Air distributing device. F. J. Kurth. 2,199,525; May 7.
Air distributing device. F. J. Kurth. 2,207,201; July 9.
Air distributor. S. M. Anderson. 2,205,782; June 25.
Air duct. R. D. Bristol. 2,215,318; Sept. 17.
Air filter. W. A. Baldwin. 2,226,045; Dec. 24.
Air filter. F. L. Myers. 2,214,750; Sept. 17.
Air filter. A. Nutting. 2,211,382; Aug. 13.
Air filter. G. Slayter. 2,220,127; Nov. 5.
Air filter. G. E. Tigner. 2,213,233; Sept. 3.
Air filter, Automatic stack type. A. Nutting. 2,220,347; Nov. 5.
Air filter loader. T. R. Hughes. 2,188,572; Jan. 30.
Air filtering apparatus. N. Danils. 2,203,776; June 11.
Air filtering apparatus. F. L. Myers. 2,197,004; Apr. 16.
Air filtering means. R. T. Mickle. 2,218,453; Oct. 15.
Air float mixer. S. Ish-Shalom. 2,193,001; Mar. 12.
Airfoil, Flap-trailed. E. F. Zap. 2,191,839; Feb. 27.
Airfoil or the like for aircraft. S. Günter. 2,207,402; July 9.
Airfoil, Extendible. E. F. Zap. 2,213,791; Sept. 3.
Air from one portion of the skin layer to another, Transferring. H. Wagner, and B. v. Schlippe. 2,211,871; Aug. 20.

Air furnace. C. Mallory. 2,190,410; Feb. 13.
Air handling and dust collecting mechanism. E. L. Anderson. 2,219,377; Oct. 29.
Air heater. F. O. Hess. 2,196,829; Apr. 9.
Air heater, Indirect. H. L. Grapp. 2,200,549; May 14.
Air heating apparatus. W. S. Somers. 2,190,997; Feb. 20.
Air heating furnace. C. S. Andersen and A. L. Schellhammer. 2,194,733; Mar. 26.
Air humidifying and moistening system. H. C. Hamann. 2,212,418; Aug. 20.
Air, Humidifying of. G. Grubb. 2,225,954; Dec. 24.
Air impeller. A. C. Hilbert and J. Lanz. Re. 21,443; May 7.
Air inlet device for automobile bodies. F. D. Frisby. 2,225,827; Dec. 24.
Air intake and filter. R. G. Nichols. 2,203,503; June 4.
Air intake device for passenger vehicles. C. H. Griffith. 2,209,817; July 30.
Air intake device for vehicles. H. J. Findley. 2,198,156; Apr. 23.
Air intake for air cleaners. T. E. Martin. 2,197,503; Apr. 16.
Air jet for sandblasting apparatus. E. J. Flavin. 2,212,158; Aug. 20.
Air-line lubricator. H. F. M. Rouse. 2,204,950; June 18.
Air-liquid clutch, Planetary. E. Wohlenhaus. 2,205,329; June 18.
Air loaded valve. J. H. Friedman. 2,210,236; Aug. 6.
Air lock for a sifter. E. G. Berry. 2,213,035; Aug. 27.
Air, Method and apparatus for conditioning. C. R. Downs and J. W. Spiselman. 2,221,786; Nov. 19.
Air-method cleaner support. D. B. Replogle. 2,210,951; Aug. 13.
Air, Method of and apparatus for conditioning. W. R. Zuhlke. 2,201,688; May 21.
Air mixer for ventilating systems. E. H. Collicutt. 2,217,944; Oct. 15.
Air moistener. M. Jolivet. 2,202,736; May 28.
Air operated device. R. H. Greegor and W. K. Page. 2,221,216; Nov. 12.
Air operated switch. E. M. Claytor. 2,205,281; June 18.
Air or current separator. G. H. Fraser. 2,188,430; Jan. 30.
Air or other current separator. G. H. Fraser. 2,188,345; Jan. 30.
Air plane. C. Adler, Jr. 2,212,490; Aug. 27.
Airplane. O. Alvistur. 2,187,295; Jan. 16.
Airplane. D. R. Berlin. 2,225,094; Dec. 17.
Airplane. A. Chapons. 2,192,595; Mar. 5.
Airplane. V. M. David. 2,193,448; Mar. 12.
Airplane. J. Hojnowski. 2,218,370; Oct. 15.
Airplane. J. Johnson. 2,216,080; Sept. 24.
Airplane. O. C. Koppen. 2,196,994; Apr. 16.
Airplane. J. F. O'Malley. 2,192,774; Mar. 5.
Airplane. A. G. Papritz. 2,193,375; Mar. 12.
Airplane. M. Renter. 2,194,596; Mar. 26.
Airplane. A. Schut. 2,189,553; Feb. 6.
Airplane. O. W. Timm. 2,199,681; May 7.
Airplane, All-wing. V. J. Burnelli. 2,224,641; Dec. 10.
Airplane and control apparatus therefor. W. E. Back. 2,191,842; Feb. 27.
Airplane and snowplane propulsion means. C. M. Bremner. 2,197,293; Apr. 16.
Airplane brake. H. H. Kerr, Jr. 2,212,920; Aug. 27.
Airplane control. R. B. Beisel and P. S. Baker. 2,201,710; May 21.
Airplane control. J. N. Hess. 2,211,267; Aug. 13.
Airplane control. W. F. Kerlin. 2,213,916; Sept. 3.
Airplane control. I. I. Sikorsky. 2,190,340; Feb. 13.
Airplane control column. H. L. Bowers and R. A. Wolf. 2,206,474; July 2.
Airplane control surfaces. T. N. Joyce. 2,194,796; Mar. 26.
Airplane guiding beacon. J. Goldmann. 2,212,230; Aug. 20.
Airplane launching. R. H. Fleet, W. B. Wheatley, and I. M. Laddon. 2,197,300; Apr. 16.
Airplane, Model. H. B. Daniel. 2,195,695; Apr. 2.
Airplane propeller. L. C. and W. J. Schmidt. 2,222,444; Nov. 19.
Airplane propulsion means. C. Green. 2,192,469; Mar. 5.
Airplane rib. K. Schmidt. 2,194,483; Mar. 26.
Airplane wing. R. Contini and W. L. Dieter. 2,187,729; Jan. 23.
Airplane wing control, Automatic. H. A. Nietfeld. 2,223,698; Dec. 3.
Airplane wing flap. D. E. Evans. 2,226,811; Dec. 31.
Airplane wings, Arrangement for sucking-off the boundary layer on. W. Messerschmitt. 2,219,234; Oct. 22.
Airplane with retractable landing gear. J. O. Rush. 2,222,376; Nov. 19.
Airplanes, Deflection-preventing arrangement in. R. Busselmeier. 2,187,446; Jan. 16.
Airplanes, Landing. W. M. Hahnemann and E. Kramar. 2,196,674; Apr. 9.
Airplanes, Method of landing. W. M. Hahnemann and E. Kramer. 2,226,718; Dec. 31.
Airplanes, System and method for landing. W. M. Hahnemann and E. Kramar. 2,217,404; Oct. 8.
Airplanes, System for landing. W. M. Hahnemann. 2,200,249; May 14.
Airplanes, System for landing. W. M. Hahnemann and E. Kramar. 2,215,786; Sept. 24.
Airplanes, System for the automatic control of. E. Fischel. 2,191,250; Feb. 20.
Airport construction. R. Ducroux. 2,186,450; Jan. 9.
Air preheater apparatus. G. Niemitz. 2,213,324; Sept. 3.
Air pressure control means for tires. V. W. and L. F. Embree. 2,224,042; Dec. 3.
Air pressure indicator switch. O. C. Spurlock. 2,195,155; Mar. 26.
Air purification. G. S. Dauphinee. 2,214,737; Sept. 17.
Air purifying composition and process therefor. H. J. Shames. 2,222,882; Nov. 26.
Air register control. E. H. Peabody. 2,210,428; Aug. 6.
Air register, Hot and cold. J. J. Metcalf. 2,219,747; Oct. 29.
Air regulating means for fire boxes, Combustion. V. F. Clark. 2,200,915; May 14.
Air release for liquid measuring systems. C. S. Hazard. 2,186,069; Jan. 9.
Air release valve. E. S. Cornell, Jr. 2,218,700; Oct. 22.
Airscrew, Variable pitch. P. P. Ratić. 2,187,364; Jan. 16.
Air separator. T. J. Sturtevant. 2,188,634; Jan. 30.
Air separator. T. J. Sturtevant. 2,206,981; July 9.
Airship. L. H. Donnell. 2,197,568; Apr. 16.
Airship, Dirigible. K. P. Hilberth. 2,191,759; Feb. 27.
Air space insulated electric cable. O. Cords and G. Nehmiz. 2,216,386; Oct. 1.
Air-space insulated electric cable. G. Nehmiz and E. Budie. 2,216,419; Oct. 1.
Air-speed indicator and rate-of-climb indicator, Combined. L. Scriba. 2,217,564; Oct. 8.
Air supply device for air-cooled rear-engined automobiles. M. Klavík. 2,194,396; Mar. 19.
Air supply fitting. C. F. Priest. 2,213,287; Sept. 3.
Air to radiators, Apparatus for controlling flow of. G. A. Lyon. 2,187,946; Jan. 23.
Air to the rooms of a building, Supplying heated. H. J. Newlin. 2,185,774; Jan. 2.
Air tool. R. von Scheven. 2,197,626; Apr. 16.
Air treating apparatus. R. C. Jepertinger. 2,220,604; Nov. 5.
Air treating wheel. R. A. Robic. 2,223,227; Nov. 26.
Air treatment. R. M. Buffington. 2,197,203; Apr. 16.
Air, Treatment of. H. B. Beer. 2,203,188; June 4.
Air valve. A. H. Magee. 2,188,441; Jan. 30.
Air valve, Adjustably vented. W. K. Simpson. 2,190,197; Feb. 13.
Air venting apparatus. A. D. Rose and W. A. Yonkers. 2,224,929; Dec. 17.
Air washer. R. E. Keyes. 2,199,632; May 7.
Alarm. T. J. Gauthier. 2,193,452; Mar. 12.
Alarm. C. W. Keegin. 2,197,411–12; Apr. 16.
Alarm and control, Combustible gas. M. G. Jacobson. 2,219,391; Oct. 29.
Alarm and control mechanism. J. Flaws, Jr. 2,227,303; Dec. 31.
Alarm and trap, Burglar. W. G. Barcroft. 2,187,928; Jan. 23.
Alarm, Automatic burglar, fire, or like. E. R. Mountstephen. 2,191,971; Feb. 27.
Alarm, Burglar. C. M. Chapman. 2,187,194; Jan. 16.
Alarm, Burglar. N. Demosthenes. 2,208,721; July 23.
Alarm, Burglar. R. B. Estes. 2,205,945; June 25.
Alarm, Burglar. E. S. Johnson. 2,193,690; Mar. 12.
Alarm, Burglar. J. Lemire. 2,191,926; Feb. 27.
Alarm device. B. F. MacPherson. 2,190,533; Feb. 13.
Alarm device for automobiles. M. Schneider. 2,221,330; Nov. 12.
Alarm device, Over-modulation. O. E. Dow. 2,216,232; Oct. 1.
Alarm, Fire. J. L. Lafleur. 2,198,410; Apr. 23.
Alarm, Fire. A. N. Loudon. 2,211,142; Aug. 13.
Alarm, Fire. J. O. Proulx. 2,215,838; Sept. 24.
Alarm for stokers, Shear pin. A. L. Brice. 2,205,370; June 18.
Alarm, Headrest. O. Stankey. 2,215,985; Sept. 24.
Alarm, Hot box. A. Vigne and I. E. Cox. 2,187,958; Jan. 23.
Alarm, Liquid level. A. F. Sandberg. 2,199,677; May 7.
Alarm lock. G. Maida, Jr. 2,199,671; May 7.
Alarm, Mechanical burglar. H. Epstein. 2,196,961; Apr. 9.
Alarm, Motor vehicle speed. O. Stankey. 2,208,346; July 16.
Alarm, Pressure. G. K. Miller. 2,208,909; July 23.
Alarm sending device. T. A. Terjesen. 2,210,512; Aug. 6.
Alarm, Sleep control. R. G. Torrens. 2,187,761; Jan. 23.
Alarm switch, Automatic bank. G. C. Moutray and R. J. Pendergrast. 2,201,972; May 21.
Alarm switch, Bumper. E. O. Taylor. 2,199,274; Apr. 30.
Alarm switch, Fire. J. H. Derby. 2,209,193; July 23.
Alarm system. L. A. Gardner. 2,193,093; Mar. 12.
Alarm system. R. D. Lightfoot. 2,204,420; June 11.
Alarm system. D. Mitchell. 2,202,060; May 28.
Alarm system. P. N. Smith. 2,198,725; Apr. 30.
Alarm system, Burglar. H. A. R. Romanus. 2,220,427; Nov. 5.
Alarm system, Burglar. E. O. Walker. 2,187,507; Jan. 16.
Alarm system, Fire. F. R. Bridges and F. E. Weld. 2,186,163; Jan. 9.

Alarm system, Photoelectric burglar. M. H. A. Lindsay. 2,227,147; Dec. 31.
Alarm system, Safety. L. Santino. 2,225,464; Dec. 17.
Alarm, Time switch. H. H. Andersen. 2,202,721; May 28.
Alarm, Tire. W. L. Stoddard. 2,199,032; Apr. 30.
Album. A. A. Ainsworth. 2,193,545; Mar. 12.
Album for collection of stamps, etc. J. Pienzak. 2,193,296; Mar. 12.
Alcohols and ketones, Production of cyclic. D. J. Loder. 2,223,494; Dec. 3.
Alcohol and preparing it, Cativyl. N. L. Kalman. 2,194,121; Mar. 19.
Alcohol and producing same, Modified fatty. E. A. Robinson. 2,200,298; May 14.
Alcohol borates, Preparing hexahydric. C. Bremer. 2,223,349; Dec. 3.
Alcohol composition, Denatured. P. Mahler and C. Haner. 2,201,108–9; May 14.
Alcohol composition, Denatured. P. Mahler and C. Haner. 2,223,790; Dec. 3.
Alcohol containing a chloroethylene, Denatured. L. J. Figg, Jr. 2,196,762; Apr. 9.
Alcohol containing a primary amine and chloroform, Denatured. L. J. Figg, Jr. 2,213,760. Sept. 3.
Alcohol containing a salt of a lower alkyl isothiourea,
Alcohol containing aldol, Denatured. L. J. Figg, Jr. 2,202,845; June 4.
Alcohol containing an acetylated hardwood oil, Denatured. L. J. Figg, Jr. 2,200,879; May 14.
Alcohol containing an alkylene dichloride, Denatured. L. J. Figg, Jr. 2,196,761; Apr. 9.
Denatured. H. T. Clarke. 2,216,431; Oct. 1.
Alcohol containing diamylene, Denatured. L. J. Figg, Jr. 2,193,025; Mar. 12.
Alcohol containing dibutyl ether, Denatured. L. J. Figg, Jr., and J. W. Rhea. 2,191,032; Feb. 20.
Alcohol containing dimethallyl ether, Denatured. L. J. Figg, Jr. 2,191,031; Feb. 20.
Alcohol containing monochlorobenzene, Denatured. L. J. Figg, Jr. 2,193,024; Mar. 12.
Alcohol containing 1:4-dioxan, Denatured. L. J. Figg, Jr. 2,196,760; Apr. 9.
Alcohol, Power. L. M. Christensen. 2,194,496; Mar. 26.
Alcohol, Purification of. A. H. Bump. 2,188,274; Jan. 23.
Alcohols, Dehydrogenation of. C. F. Winans. 2,218,457; Oct. 15.
Alcohol, Denatured. L. J. Figg, Jr. 2,218,233; Oct. 15.
Alcohol derivative, Fatty. E. A. Robinson. 2,200,299; May 14.
Alcohol fermentation process, Butyl. E. H. Carnarius. 2,198,104; Apr. 23.
Alcohol in water-alcohol solutions, Determination of percentage of. F. Cassen and H. D. Mulloy. 2,209,764; July 30.
Alcohol, Manufacture of. C. R. Brown. 2,206,024; July 2.
Alcohol oxidation. J. E. Bludworth. 2,204,652; June 18.
Alcohol, Production of ethyl. L. A. Underkofler and W. K. McPherson. 2,219,668; Oct. 29.
Alcohol to ether, Converting. A. Mastrangelo. 2,209,699; July 30.
Alcoholates, Stabilized alkali metal. G. L. Cunningham and R. S. Robinson. 2,185,247; Jan. 2.
Alcoholic and ketonic suspensions of titanium pigments. W. W. Plechner and J. M. Jarmus. 2,215,857; Sept. 24.
Alcohols and obtaining the same, Organic keto. R. E. Marker. 2,226,628; Dec. 31.
Alcohols, Catalytic dehydration of. H. M. Stanley. 2,220,430; Nov. 5.
Alcohols from olefins, Production of. R. E. Burk and H. P. Lankelma. 2,196,177; Apr. 9.
Alcohols, Making higher. H. G. Schneider. 2,221,955; Nov. 19.
Alcohols, Producing aromatic. L. T. Rosenberg. 2,221,882; Nov. 19.
Alcohols, Production of. B. T. Brooks. 2,190,501; Feb. 13.
Alcohols, Production of ammono. A. F. A. Reynhart. 2,186,392; Jan. 9.
Alcohols, Secondary mixed aliphatic-cyclic. J. Kaupp, B. Ritzenthaler, C. Schuster, and H. Hoyer. 2,190,600; Feb. 13.
Alcohols, Sulphating aliphatic. M. Engelmann. 2,199,399; May 7.
Alcohols, Sulphation of higher. E. W. Smith. 2,204,323; June 11.
Alcohols, Vapor phase dehydration of acetylenic. T. H. Vaughn. 2,197,956; Apr. 23.
Alcohols with sulphating agents, Reacting higher. V. Mills and R. C. Wood. 2,214,254; Sept. 10.
Aldehyde-ketone mixtures, Purification of. J. C. Woodhouse. 2,205,184; June 18.
Aldehydes and ketones, Preparation of. J. L. Amos and G. W. Hooker. 2,208,557; July 23.
Aldehydes, Catalytic formation of long-chain. W. A. Lazier. Re. 21,373; Feb. 27.
Aldehydes, Polymerization of unsaturated. C. C. Allen. 2,212,894; Aug. 27.
Aldehydes, Process and product relating to the oxidation of unsaturated. H. P. A. Groll and G. Hearne. 2,212,900; Aug. 27.
Alicyclic phosphite compounds and manufacturing same. R. E. Conary and H. V. Ashburn. 2,226,552; Dec. 31.
Alidade. S. A. Ionides. 2,217,224; Oct. 8.
Aligning and locking means for flooring strips. J. Taylor. 2,203,932; June 11.
Aligning coupling. H. O. Rastetter and G. D. Rausch. 2,214,382; Sept. 10.
Aligning device for X-ray equipment. J. J. Grobe. 2,208,258; July 16.
Alignment device for X-ray machines. C. L. Cox. 2,217,308; Oct. 8.
Aligning means for billing machines. A. W. Metzner. 2,216,042; Sept. 24.
Aliphatic di-oxymethylene quaternary ammonium halides and producing them. L. H. Bock. 2,204,653; June 18.
Aliphatic ketone anils, Producing. G. H. Reddelien. 2,218,587; Oct. 22.
Aliphatic mononitriles, Preparation of long-chain. C. G. Wortz. 2,205,076; June 18.
Alkali activation of black liquor. G. H. Scheffler. 2,216,757; Oct. 8.
Alkali and ammonium chlorosulphonates, Manufacturing. R. K. Iler. 2,219,103; Oct. 22.
Alkali cellulose, Manufacture of. H. H. E. von Kohorn zu Kornegg. 2,218,836; Oct. 22.
Alkali hemicellulose, Preparation of. E. V. White. 2,218,567; Oct. 22.
Alkali metal hydroxides, Purification of. I. E. Muskat. 2,196,596; Apr. 9.
Alkali metal hydroxide solutions, Treating. W. F. Waldeck and R. J. Ketterer. 2,207,566; July 9.
Alkali metal phosphates, Production of. C. R. McCullough. 2,220,790; Nov. 5.
Alkali sulphate, Manufacture of. W. S. Wilson. 2,208,175; July 16.
Alkaline earth metal carbonates, Making fine particle. R. R. McClure and J. P. Seguin. 2,188,663; Jan. 30.
Alkaline lyes, Increasing the wetting power of strong. R. Huttenlocher. 2,213,139; Aug. 27.
Alkaline storage battery. E. Langguth. 2,213,128; Aug. 27.
Alkaloid of species of erythrina and process for production. K. Folkers. 2,226,528; Dec. 24.
Alkaloids from "Tamasaki-tsuzurafuji" (Stephania Cepharantha, Hayata) of the Menispermaceae Family, Preparing. H. Kondo, S. Hasegawa, and M. Tomita. 2,206,407; July 2.
Alkoxy-hydroxy-benzaldehydes, Production of. E. Mather and W. E. Hamer. 2,199,748; May 7.
Alkyl and cycloalkyl derivatives of 1,3-dimethyl-1,3-diphenyl-cyclobutane. F. B. Smith and H. W. Moll. 2,221,271; Nov. 12.
Alkyl aromatic sulphonates, Producing higher. L. H. Flett. 2,223,364; Dec. 3.
Alkyl catechols. E. Miller. 2,212,478; Aug. 20.
Alkyl chlorides and formation of esters, Purification of. G. H. Coleman and G. V. Moore. 2,207,611; July 9.
Alkyl cresols. R. R. Read. 2,198,349; Apr. 23.
Alkyl derivatives of phenol compounds, Nuclear. L. H. Flett. 2,205,947; June 25.
Alkyl derivatives of phenols, Producing nuclear. J. D. Robinson. 2,205,951; June 25.
Alkyl esters of sulphato-carboxylic acids. J. H. Werntz. 2,225,673; Dec. 24.
Alkyl esters of 3-methoxy-coumaric acid and pharmaceutical compositions containing same. L. Poizat and J. Lahousse. 2,213,717; Sept. 3.
Alkyl fluorides, Manufacture of. A. V. Grosse and C. L. Thomas. 2,220,713; Nov. 5.
Alkyl glycolates, Preparation of. D. J. Loder. 2,211,625; Aug. 13.
Alkyl halides, Production of. L. Andrussow and G. Stein. 2,210,563–4; Aug. 6.
(Alkyl-Halo-phenoxy)-halo-dialkyl ethers. G. H. Coleman and C. L. Moyle. 2,205,392; June 25.
Alkyl hydroxy aromatic sulphonates. A. M. Schwartz. 2,205,949; June 25.
Alkyl monosulphonates, Secondary. J. H. Werntz. 2,187,338–9; Jan. 16.
Alkyl peroxides and hydroperoxides, Producing. N. A. Milas. 2,223,807; Dec. 3.
Alkyl phenol sulphonates. L. H. Flett. 2,205,946; June 25.
Alkyl phenol sulphonates, Primary. L. H. Flett. 2,205,948; June 25.
Alkyl phenols and manufacturing the same. L. P. Kyrides. 2,189,805; Feb. 13.
Alkyl phenols from petroleum oils, Recovering. W. J. Hund, S. B. Thomas, and D. B. Luten, Jr. 2,203,217; June 4.
Alkyl sulphates and resulting products, Purification of. K. E. Long. 2,207,989; July 16.
Alkylamines, Production of. B. M. Vanderbilt. 2,219,879; Oct. 29.
Alkylamines, Production of lower. H. F. Oxley and E. B. Thomas. 2,226,635; Dec. 31.
Alkylaminobenzaldehydes and making them, Para-secondary. W. Richter. 2,187,328; Jan. 16.
Alkylation process. E. E. Stahly and E. M. Hattox. 2,204,194; June 11.

Alkylation products of aromatic compounds and preparing them. A. Steindorff, C. Platz, and J. Rosenbach. 2,193,944; Mar. 19.

Alkylene chlorhydrins, Recovery of concentrated. W. Ziese. 2,215,865; Sept. 24.

Alkylene ethers of thioammeline. H. A. Bruson. 2,227,215; Dec. 31.

Alkylene imines, Production of. H. Ulrich. 2,206,273; July 2.

Alkylolamines, Manufacture of. H. Dreyfus. 2,220,147; Nov. 5.

Alkyl-hydroxy-diphenyl sulphonates and producing them. L. H. Flett. 2,223,363; Dec. 3.

Alloy: *See*—

Aluminum alloy.
Aluminum and chromium. and zirconium alloy.
Aluminum base alloy.
Austenitic chromium nickel steel alloy.
Base metal alloy.
Bearing alloy.
Calcium base alloy.
Carbon-free alloy.
Casting zinc alloy.
Cathode alloy.
Copper alloy.
Copper base alloy.
Copper-silicon-iron alloy.
Copper silver alloy.
Copper-titanium alloy.
Copper-zinc alloy.
Corrosion resistant alloy.
Corrosion-resisting ferrous alloy.
Cuprous alloy.
Dental alloy.
Ferrous alloy.
Hard alloy.
Heat erosion resistant alloy.
Heat treated alloy.
Iron alloy.
Lead alloy.
Magnesium alloy.
Magnesium base alloy.
Metal alloy.
Molybdenum alloy.
Nickel base alloy.
Permanent magnet alloy.
Potassium-sodium-lead alloy.
Resistant alloy.
Silver alloy.
Silver copper alloy.
Silver lithium alloy.
Silver solder alloy.
Soldering alloy.
Steel alloy.
Vanadium steel alloy.
Wear resisting alloy.
Welding alloy.
Zinc base alloy.

Alloy. M. Auwärter and K. Ruthardt. 2,200,050; May 7.

Alloy. P. C. Chesterfield. 2,214,810; Sept. 17.

Alloy. E. F. Doom and W. J. Priestley. 2,203,213; June 4.

Alloy. S. P. Hackley. 2,185,809; Jan. 2.

Alloy. F. R. Hensel and K. L. Emmert. 2,187,379; Jan. 16.

Alloy. A. G. de Golyer. 2,220,083–4; Nov. 5.

Alloy. A. G. de Golyer. 2,213,207–8; Sept. 3.

Alloy. M. A. Hunter. 2,224,573; Dec. 10.

Alloy. A. W. Peterson. 2,223,046; Nov. 26.

Alloy. J. Ruzicka. 2,222,157; Nov. 19.

Alloy. C. J. Schafer. 2,187,630; Jan. 16.

Alloy. C. S. Smith and I. T. Hook. 2,220,464; Nov. 5.

Alloy. E. S. Strang, R. O. Farmer, and E. H. Koenig. 2,185,956; Jan. 2.

Alloy and making the same, Permanent magnet. H. W. Russell and L. R. Jackson. 2,207,685; July 9.

Alloy and valve or the like, Low temperature. G. F. Scherer. 2,206,370; July 2.

Alloy cast iron. C. H. Lorig. 2,215,740; Sept. 24.

Alloy compositions and articles made therefrom. J. V. Emmons. 2,198,476; Apr. 23.

Alloy, especially for tools, Hard metal. P. Schwarzkopf. Re. 21,520; July 30.

Alloy ingots, Manufacture of. R. K. Hopkins. 2,191,479; Feb. 27.

Alloy, Making a sintered. G. H. Howe. 2,192,741; Mar. 5.

Alloy, particularly adapted for electrical purposes. H. H. Schwarzkopf and R. Kieffer. 2,218,073; Oct. 15.

Alloy steel. R. P. De Vries. 2,212,495; Aug. 27.

Alloy steel. R. P. De Vries. 2,212,496; Aug. 27.

Alloy steel article. V. N. Krivobok. 2,222,621–2; Nov. 26.

Alloy steel articles. V. N. Krivobok. 2,220,932–4; Nov. 12.

Alloy steel, Low. F. M. Becket and R. Franks. 2,194,178; Mar. 19.

Alloy steel tube. D. E. Krause. 2,186,758; Jan. 9.

Alloy suitable for use as bearing metals. P. Kemp. 2,212,178; Aug. 20.

Alloy with artificial radio activity. O. Yadoff. 2,225,938; Dec. 24.

Alloys. E. F. Kingsbury and H. T. Reeve. 2,213,397; Sept. 3.

Alloys. C. S. Sivil and E. O. Liebeg. 2,189,571; Feb. 6.

Alloys and making such alloys, Hard metal. R. Gillis and C. T. Prendergast. 2,189,064; Feb. 6.

Alloys and making the same. M. L. Samuels. 2,209,935; July 30.

Alloys and making the same, Hard metal. H. N. Padowicz. 2,188,983; Feb. 6.

Alloys and producing the same, Hard. W. Dawihl and K. Schröter. 2,196,009; Apr. 2.

Alloys, Attaching hard. P. Wright. 2,210,314; Aug. 6.

Alloys, Beryllium-copper. W. Hessenbruch. 2,192,495–7; Mar. 5.

Alloys containing iron and chromium, Producing. M. J. Udy. 2,206,711; July 2.

Alloys, Copper-zinc. W. J. Müller and M. Niessner. 2,206,109; July 2.

Alloys, Corrosion resistant. W. M. Kay. 2,190,840; Feb. 20.

Alloys, Ferrous. A. T. Cape and C. V. Foerster. 2,189,131; Feb. 6.

Alloys, Formed piece of silver palladium. J. Spanner and J. Leuser. 2,222,544; Nov. 19.

Alloys, Hardening copper. C. H. Coleman. 2,198,719; Apr. 30.

Alloys, Heat treating magnesium base. R. T. Wood. 2,185,452–3; Jan. 2.

Alloys, in particular steel alloys, Manufacture of. P. Schwarzkopf. 2,225,424; Dec. 17.

Alloys, in particular steel alloys, Manufacturing. P. Schwarzkopf. 2,205,865; June 25.

Alloys, Magnesium. G. Gauthier. 2,224,151; Dec. 10.

Alloys, Magnesium base. F. Jaburek and G. Schichtel. 2,223,852; Dec. 3.

Alloys, Magnetic. H. Masumoto and T. Yamamoto. 2,193,768; Mar. 12.

Alloys, Making. E. F. Doom. 2,203,214; June 4.

Alloys, Making. C. H. Lorig and H. B. Kinnear. 2,207,350; July 9.

Alloys, Making ferrous. F. C. T. Daniels. 2,186,328; Jan. 9.

Alloys, Making iron and nickel. K. M. Simpson. 2,221,061; Nov. 12.

Alloys, Manufacture of complex silicon. J. L. Andrieux. 2,194,965; Mar. 26.

Alloys, Manufacture of ferrotitanium. J. R. Davis, J. Strauss, and H. E. Dunn. 2,222,795; Nov. 26.

Alloys, Manufacture of ferrotitanium. J. Strauss and H. E. Dunn. 2,222,805; Nov. 26.

Alloys, Molybdenum. F. R. Hensel and K. L. Emmert. 2,188,405; Jan. 30.

Alloys of at least quaternary constituency, Stable phosphide. R. B. McCauley. 2,194,982; Mar. 26.

Alloys of beryllium and copper, Production of. A. J. Gahagan. 2,193,482; Mar. 12.

Alloys of calcium with aluminum, Preparing. G. N. Kirsebom. 2,190,290; Feb. 13.

Alloys of manganese, chromium, iron, and boron. C. T. Anderson. 2,221,627; Nov. 12.

Alloys, Producing hard metal carbide. P. Wright. 2,193,413; Mar. 12.

Alloys, Producing heat-treated cast iron. W. J. Sparling. 2,196,084; Apr. 2.

Alloys, Production of. R. R. Jones. 2,222,035; Nov. 19.

Alloys, Protection of magnesium-rich. F. A. Allen, 2,224,245; Dec. 10.

Alloys, Refining of silicon. T. R. Haglund. 2,208,974; July 23.

Alloys resistant to burning and scaling. W. Guertler. 2,190,781; Feb. 20.

Alloys, Treating. J. H. Brennan. 2,207,282; July 9.

Alpha-amino-acrylic acid nitriles, Substituted. O. Nicodemus, H. Lange, and H. Kranz. 2,211,152; Aug. 13.

Alpha-chloroisobutyric esters with zinc and zinc halides, Dehydrohalogenation of. H. J. Barrett. 2,199,774; May 7.

Alpha-tocopherol, Manufacture of synthetic. P. Karrer. 2,215,398; Sept. 17.

Alternating current commutator motor. A. S. Norcross. 2,192,050; Feb. 27.

Alternator mechanism. K. C. Zeh. 2,227,169; Dec. 31.

Altimeter. A. Menzer. 2,208,728; July 23.

Altimeter, Radio. R. C. Sanders, Jr. 2,222,586–7; Nov. 19.

Altitude guiding system for airplanes. G. E. M. Perroux. 2,186,554; Jan. 9.

Alum, Treating. J. H. Walthall. 2,214,214; Sept. 10.

Alumino-thermic mix for making permanent magnets. **H. A. Howell.** 2,185,464; Jan. 2.

Aluminum alloy. E. A. Schmeller. 2,189,834–5; Feb. 13.

Aluminum alloy. P. T. Stroup. 2,226,594; Dec. 31.

Aluminum alloy as bearing metal. E. Vaders. 2,196,236; Apr. 9.

Aluminum alloy as bearing metal. E. Vaders. 2,215,442–5; Sept. 17.

Aluminum alloy containing copper, iron, and columbium. A. J. Murphy and S. A. E. Wells. 2,214,432; Sept. 10.

Aluminum alloy containing copper, silicon, iron, and columbium. A. J. Murphy and S. A. E. Wells. 2,214,433; Sept. 10.

Aluminum alloys, Heat treating. J. M. Sampson. 2,221,526; Nov. 12.

Aluminum and chromium and zirconium alloy. H. L. Coles. 2,211,764; Aug. 20.

Aluminum and fluorine compounds from the worn-out linings of the electric furnaces employed for the production of aluminum, Recovery of. V. Schwemmer. 2,186,433; Jan. 9.

Aluminum base alloy. W. E. Mansfield. 2,185,348; **Jan. 2.**

Aluminum base alloy. W. E. Mansfield. 2,188,203; Jan. 23.

Aluminum chloride, Producing. P. Kühnel. 2,190,913; Feb. 20.

Aluminum compounds, Water-soluble basic. W. Huehn and W. Haufe. 2,196,016; Apr. 2.

Aluminum-copper-nickel-magnesium alloy containing iron and columbium. A. J. Murphy and S. A. E. Wells. 2,214,431; Sept. 10.

Aluminum hydroxide and making same, Compound of. K. F. Stephenson. 2,211,745; Aug. 13.

Aluminum, Manufacture of. H. L. Gentil. 2,206,562; **July 2.**

Aluminum, Manufacture of. H. Loevenstein. 2,198,673; Apr. 30.
Aluminum oxide from aluminerous raw materials, Producing. A. S. Burman. 2,189,376; Feb. 6.
Aluminum parts to one another or to other metal parts, Joining of. P. Melchior, R. Pohl, and K. Cordes. 2,192,751; Mar. 5.
Aluminum sulphate, Making. J. H. Walthall. 2,224,888; Dec. 17.
Aluminum sulphate, Production of. R. S. Hood. 2,216,194; Oct. 1.
Aluminum surfaces, Treating. J. D. Edwards. 2,197,405; Apr. 16.
Aluminum to copper connector. W. Cook. 2,190,824; Feb. 20.
Aluminum to copper connector. W. L. Cook and W. J. Buehring. 2,210,750; Aug. 6.
Aluminum, Treating. J. B. Brennan. 2,209,712; July 30.
Alumina, Manufacture of highly reactive. E. Wiedbrauck and H. Ginsberg. 2,211,681; Aug. 13.
Alumina, Producing pure. A. S. Burman. 2,217,099; Oct. 8.
Amalgam carrier. C. P. Bower. 2,225,900; Dec. 24.
Amalgam press. G. B. Eberenz. 2,212,116; Aug. 20.
Amalgamator. J. F. Carner. 2,201,475; May 21.
Amalgamator. V. E. Clarke. 2,197,923; Apr. 23.
Amalgamator. G. C. Crangle. 2,211,101; Aug. 13.
Amalgamator. G. Opincar. 2,212,698; Aug. 27.
Amalgamator, Centrifugal. F. D. Lewis. 2,217,062; Oct. 8.
Amalgamator, Continuous. H. H. Culmer. 2,190,632; Feb. 13.
Amalgamator, Electrical. G. Malmgren. 2,197,133; Apr. 16.
Ambulance. M. Kreidler. 2,216,243; Oct. 1.
Ambulance vehicle. H. T. Nicou. 2,222,912; Nov. 26.
Amide derivatives of 3,5-dimethyl-isoxazole carboxylic acids. A. Blankart. 2,212,767; Aug. 27.
Amides and imides to amines, Hydrogenating. W. A. Lazier. 2,187,745; JQan. 23.
Amides and their production, High-molecular polycarboxylic acid. G. Balle. 2,191,738; Feb. 27.
Amidine vanadate. W. H. Hill. 2,220,042; Oct. 29.
Amidines and producing them, Cyclic. A. Chwala. 2,194,419; Mar. 19.
Amine hydriodides. F. B. Fisk. Re. 21,528; Aug. 13.
Amine sulphanic acid addition product. P. L. Salzberg. 2,212,171; Aug. 20.
Amine-thiazyl disulphide reactive products. M. W. Harman. 2,226,767; Dec. 31.
Amines, Ammonolysis of secondary and tertiary. J. F. Olin and T. E. Deger. 2,192,523; Mar. 5.
Amines and making them, Alpha-beta-unsaturated aliphatic. D. Kästner. 2,210,837; Aug. 6.
Amines from iron sludge, Separation of aromatic. H. Z. Lecher and R. C. Conn. 2,187,820; Jan. 23.
Amines, Preparing secondary. C. F. Winans. 2,217,630; Oct. 8.
Amines, Production of unsaturated. W. Converse. 2,216,548; Oct. 1.
Amines, Secondary xenoxy-alkyl. F. N. Alquist and H. R. Slagh. 2,217,660; Oct. 15.
Amines with pigments, Use of. C. K. Sloan and G. D. Patterson. 2,192,955; Mar. 12.
Amino alkanoloxy aryl arseno compound. C. S. Hamilton. 2,224,387; Dec. 10.
Amino anthraquinone compounds. R. S. Wilder. 2,211,943; Aug. 20.
Aminoanthraquinone compounds, Production of. J. Ogilvie and R. S. Wilder. 2,185,709; Jan. 2.
Aminoanthraquinone compounds, Production of. R. S. Wilder. 2,207,045; July 9.
Aminoanthraquinones. F. Baumann, and H.-W. Schwechten, A. Krause, and R. Zell. 2,199,813; May 7.
Aminoarsenobenzenes, Symmetrical di-hydroxyalkylated. A. Fehrle and P. Fritzsche. 2,191,740; Feb. 27.
Aminoaryl sulphones and their manufacture. H. Martin and R. Hirt. 2,207,021; July 9.
Amino carboxylic acid nitriles, Production of. H. Ulrich and E. Ploetz. 2,205,995; June 25.
Amino compounds, Preparation of. N. D. Cheronis. 2,225,155; Dec. 17.
Aminohydroxy compounds and derivatives and making the same. T. S. Hodgins and A. G. Hovey. 2,215,038; Sept. 17.
Amino ketones, Manufacturing. H. Martin and R. Hirt. 2,205,728; June 25.
Aminomethylene amino-1,3,5-triazines. L. H. Bock and A. L. Houk. 2,210,831; Aug. 6.
Amino-nitriles and producing them, Aliphatic. G. W. Rigby. 2,208,598; July 23.
Aminophenols and their preparation. R. G. Clarkson. 2,220,065; Nov. 5.
Amino pyrido-pyridines and making the same. A. Binz and O. von Schickh. 2,226,111; Dec. 24.
Amino-triazine, Manufacture of. G. Widmer, W. Fisch, and J. Jakl. 2,191,361; Feb. 20.
Aminotriazines, Production of. G. H. Foster. 2,206,603; July 2.
Aminotriazines, Production of. J. M. Grim. 2,206,005; June 25.
Aminoplast containing aminoester salts. G. F. D'Alelio. 2,214,851; Sept. 17.
Ammeter. C. Oman. 2,210,685; Aug. 6.
Ammeter, High frequency thermocouple. T. A. Rich, H. R. Meahl and P. C. Michel. 2,199,247; Apr. 30.
Ammeter, Thermal. W. D. Hall. 2,211,773; Aug. 20.
Ammonia-air mixtures, Preheating. R. S. Richardson. 2,201,958; May 21.
Ammonia and aldose sugars, Producing reaction products of. E. D. Klug. 2,197,540; Apr. 16.
Ammonia and carbon dioxide in urea synthesis, Recovery and reutilization of. F. Porter. 2,212,847; Aug. 27.
Ammonia oxidation method. R. S. Richardson. 2,185,607; Jan. 2.
Ammonia soda process. C. N. and R. E. Windecker. 2,189,826; Feb. 13.
Ammonium chloride, Electrolysis. V. R. Kokatnur and O. S. Plantinga. 2,209,681; July 30.
Ammonium chloride from its mixture with alkaline salts, Separation by floating of. J. Dessèvre. 2,189,488; Feb. 6.
Ammonium compound, Quaternary. H. A. Piggott and J. D. Rose. 2,203,505; June 4.
Ammonium compounds and making them, Quaternary. D. D. Coffman. 2,191,753; Feb. 27.
Ammonium derivatives of alcohol amine compounds, Quaternary. A. K. Epstein and M. Katzman. 2,190,133; Feb. 13.
Ammonium derivatives of alcohol amine compounds, Quaternary. A. K. Epstein and M. Katzman. 2,213,979; Sept. 10.
Ammonium dithio-carbamate, Manufacture of. R. A. Mathes. 2,207,627; July 9.
Ammonium mandelate, Making. D. L. Tabern, E. E. Moore, H. D. Robinson, R. S. Frye, and J. E. Rundell. 2,220,692; Nov. 5.
Ammonium mandelate, Preparing. J. S. Baker. 2,209,314; July 30.
Ammonium nitrate explosive composition and process, Nonsetting. T. W. Hauff and H. H. Holmes. 2,222,175; Nov. 19.
Ammonium sulphate, Manufacture of. L. F. Marek. 2,218,117; Oct. 15.
Ammonium sulphate, Manufacture of. G. Ogden. 2,226,101; Dec. 24.
Ammunition. J. R. Balder and T. B. Curran. 2,193,664; Mar. 12.
Ammunition. P. H. Buxton. 2,193,245; Mar. 12.
Ammunition. W. H. Woodford, E. M. Walker, and A. A. Schilling. 2,214,359; Sept. 10.
Ammunition lubrication. J. F. Hutchinson and A. A. Schilling. 2,193,631; Mar. 12.
Amphibian vehicle. A. A. Lane and E. W. Jacobson. 2,187,658; Jan. 16.
Amplification and black level control for television receivers, Automatic. J. C. Wilson. 2,214,847; Sept. 17.
Amplification control, Automatic. D. E. Harnett and H. A. Wheeler. 2,217,948; Oct. 15.
Amplification control, Automatic. D. Thierbach. 2,204,975; June 18.
Amplification system, Electron tube. W. Soller. 2,211,914; Aug. 20.
Amplification system for crystal pickups and microphones. J. H. Riggs. 2,220,281; Nov. 5.
Amplifier. W. H. Doherty. 2,210,028; Aug. 6.
Amplifier. R. B. Dome. 2,205,243; June 18.
Amplifier. J. O. Edson and I. G. Wilson. 2,191,167; Feb. 20.
Amplifier. P. T. Farnsworth. 2,221,473; Nov. 12.
Amplifier. W. A. Geohegan. 2,208,254; July 16.
Amplifier. W. A. Geohegan. 2,221,398; Nov. 12.
Amplifier. G. Hepp. 2,212,204–5; Aug. 20.
Amplifier. N. E. Lindenblad. 2,224,915; Dec. 17.
Amplifier. R. Orthuber and E. Steudel. 2,212,948; Aug. 27.
Amplifier. C. L. Richards and F. Kerkhof. 2,226,259; Dec. 24.
Amplifier. C. S. Root. 2,215,439; Sept. 17.
Amplifier. C. S. Root. 2,226,074; Dec. 24.
Amplifier. R. M. Steere. 2,210,387; Aug. 6.
Amplifier. H. M. Wagner. 2,198,323; Apr. 23.
Amplifier, Amplitude-limiting. W. Benz. 2,215,777; Sept. 24.
Amplifier and modulation system, Wide band. H. A. Wheeler. 2,205,738; June 25.
Amplifier arrangement for television purposes. K. Schlesinger. 2,227,026; Dec. 31.
Amplifier, Band pass. G. L. Grundmann. 2,207,796; July 16.
Amplifier circuit. E. B. Ferrell. 2,207,976; July 16.
Amplifier circuit. H. P. J. Verbeek and B. D. H. Tellegen. 2,202,361; May 28.
Amplifier circuit, Degenerative. W. Six. 2,221,116; Nov. 12.
Amplifier circuit, Negative feedback. F. B. Anderson. 2,223,161; Nov. 26.
Amplifier circuit, Push-pull. L. E. Barton. 2,205,335; June 18.
Amplifier circuit, Push-pull. H. Mayer. 2,221,102; Nov. 12.
Amplifier circuit, Push-pull audio. D. E. Foster. 2,217,269; Oct. 8.
Amplifier circuit, Single side band. W. H. Wirkler. 2,211,040; Aug. 13.
Amplifier, Constant efficiency sound. S. Rubinstein. 2,224,931; Dec. 17.

Amplifier control means, Limiting. F. M. Davis. 2,204,726; June 18.
Amplifier, Degenerative feedback. L. W. Meyer. 2,216,516; Oct. 1.
Amplifier, Electric wave. A. C. Dickieson. 2,223,167; Nov. 26.
Amplifier, Electromechanical. H. H. Smith. 2,205,227; June 18.
Amplifier, Electron discharge device. O. E. Keall. 2,194,555; Mar. 26.
Amplifier for pianos, Tone. R. W. E. Sperry. 2,206,650; July 2.
Amplifier for relaxation oscillations, Push-pull. H. Bähring. 2,197,751; Apr. 16.
Amplifier for telephony purposes, Line. G. H. Bast and F. H. Stieltjes. 2,197,029; Apr. 16.
Amplifier, Frequency selective. A. A. Lundstrom. 2,219,189; Oct. 22.
Amplifier, Grid bias modulated. H. Roder. 2,227,157; Dec. 31.
Amplifier, Hearing-aid. D. Babbitt and H. Scheibler. 2,225,597; Dec. 17.
Amplifier, High efficiency. P. T. Farnsworth. 2,223,001; Nov. 26.
Amplifier, High-efficiency. F. E. Terman 2,215,672; Sept. 24.
Amplifier, High frequency. H. C. Allen. 2,185,879; Jan. 2.
Amplifier, High frequency. H. C. Allen and G. L. Grundmann. 2,199,604; May 7.
Amplifier, Intermediate frequency. P. F. G. Holst and L. R. Kirkwood. 2,223,825; Dec. 3.
Amplifier linearized by negative feedback. H. Bendel. 2,203,484; June 4.
Amplifier, Low-frequency. E. Schulze-Herringen. 2,226.746; Dec. 31.
Amplifier, Magnetic motion. F. K. McCune. 2,201,836; May 21.
Amplifier, Microphone. S. G. Sears. 2,212,848; Aug. 27.
Amplifier, Multistage vacuum tube. W. van B. Roberts. 2,198,317; Apr. 23.
Amplifier muting circuit. R. B. Dome. 2,186,825; Jan. 9.
Amplifier, Negative feedback. H. Werrmann. 2,207,962; July 16.
Amplifier, Negative feedback. J. M. West. 2,227,048; Dec. 31.
Amplifier, Neutralized. B. Eichholz. 2,207,788; July 16.
Amplifier, Neutralized power. D. Pollack. 2,226,942; Dec. 31.
Amplifier, Radio frequency multiplier. R. L. Snyder. 2,226,077; Dec. 24.
Amplifier, Secondary electron. E. Schwartz and H. Strübig. 2,216,282; Oct. 1.
Amplifying system. J. O. Edson. 2,224,673; Dec. 10.
Amplifier system. J. Hardwick and E. L. C. White. 2,212,203; Aug. 20.
Amplifier system. H. D. Hineline. 2,189,582; Feb. 6.
Amplifier system. H. A. Wheeler. 2,189,849; Feb. 13.
Amplifier system, Compensation. M. Artzt. 2,199,192; Apr. 30.
Amplifier, Television combining. H. M. Lewis. 2,191.796; Feb. 27.
Amplifier, Testing feedback. I. G. Wilson. 2,195,439; Apr. 2.
Amplifier, Thermionic. A. D. Blumlein. 2,222,933; Nov. 26.
Amplifier, Thermionic. C. E. Hallmark. 2,211,010; Aug. 13.
Amplifier, Thermionic. N. M. Rust. 2,224,699; Dec. 10.
Amplifier, Thermionic. C. E. Strong. 2,213,871; Sept. 3.
Amplifier, Thermionic wave. E. L. C. White and M. G. Harker. 2,221,122; Nov. 12.
Amplifier, Tuned ultra high frequency. G. Mountjoy. 2,207,933; July 16.
Amplifier, Variable band width. H. Rothe and W. Kleen. 2,214,627; Sept. 10.
Amplifier, Variable gain feedback. J. M. West. 2,208,144; July 16.
Amplifier, Wide band. G. L. Grundmann. 2,217,839; Oct. 15.
Amplifier, Wide frequency band. K. Küpfmüller. 2,210,981; Aug. 13.
Amplifiers, Adjustment of the amplification of. B. Roux, M. Sollima, and R. Gamzon. 2,195,152; Mar. 26.
Amplifiers, Stabilization of television. K. Schlesinger. 2,186,933; Jan. 9.
Amplifying apparatus. J. M. West. 2,203,004; June 4.
Amplifying arrangement for a very broad frequency band, High frequency. H. Rinia. 2,195,095; Mar. 26.
Amplifying scheme for photo-cathodes. O. Krenzien. 2,205,207; June 18.
Amplifying system. W. S. Percival. 2,210,497; Aug. 6.
Amplifying system. P. Weathers. 2,210,390; Aug. 6.
Amplitude and frequency modulation receiver. O. Tüxen. 2,208,142; July 16.
Amplitude filter. K. Schlesinger. 2,226,994; Dec. 31.
Ampoules, Manufacture of glass. H. Richter. 2,224,486; Dec. 10.
Ampoules, Method and machine for forming. J. Dichter. 2,199,332; Apr. 30.
Ampoules, Method of and apparatus for opening. R. E. Maxwell. 2,224,354; Dec. 10.
Ampule filling machine. H. E. Chapman. 2,193,059; Mar. 12.
Amusement and exercizing device. L. H. Bibus. 2,198,987; Apr. 30.
Amusement apparatus. N. Bartlett. 2,187,963; Jan. 23.
Amusement apparatus. L. D. Danforth. 2,211,882; Aug. 20.
Amusement apparatus. L. Hendrich. 2,210,079; Aug. 6.
Amusement apparatus. A. M. Henry. 2,187,422; Jan. 16.
Amusement apparatus. G. F. Marvin. 2,192,476; Mar. 5.
Amusement apparatus. B. Radtke. 2,192,622; Mar. 5.
Amusement device. J. A. Baker. 2,195,805; Apr. 2.
Amusement device. E. L. Barrett. 2,204,397; June 11.
Amusement device. B. Borek. 2,198,075; Apr. 23.
Amusement device. J. N. Cayo. 2,210,024; Aug. 6.
Amusement device. J. W. Culp. 2,195,718; Apr. 2.
Amusement device. J. W. Estes. 2,206,172; July 2.
Amusement device. L. U. Eyerly. 2,221,215; Nov. 12.
Amusement device. D. R. Fagerholm. 2,205,471; June 25.
Amusement device. E. T. Frisk. 2,218,333; Oct. 15.
Amusement device. H. C. Hanley and J. A. Rosenberger. 2,212,736; Aug. 27.
Amusement device. S. Hansen. 2,193,282; Mar. 12.
Amusement device. R. E. Keller. 2,202,738; May 28.
Amusement device. J. A. La Bille. 2,212,781; Aug. 27.
Amusement device. J. P. McCarthy. 2,220,455; Nov. 5.
Amusement device. J. L. Prince. 2,186,175; Jan. 9.
Amusement device. S. M. Radzyner. 2,197,483; Apr. 16.
Amusement device. T. H. Ridyard. 2,196,274; Apr. 9.
Amusement device. S. W. Shepherd. 2,203,971; June 11.
Amusement device. E. B. Snyder. 2,214,486; Sept. 10.
Amusement device. F. J. Stone. 2,187,407; Jan. 16.
Amusement device, Passenger carrying. A. Vollbrecht. 2,200,684; May 14.
Amusement ride. S. G. Barnard. 2,211,876; Aug. 20.
Amusement ride. N. Bartlett. 2,196,093; Apr. 2.
Amusement ride. J. R. Dyke. 2,201,993. May 28.
Amusement ride. A. Feltman. 2,225,411; Dec. 17.
Amusement ride. E. A. Zebulske. 2,209,549–50; July 30.
Amusement riding apparatus. R. R. Walker and G. S. Hahne. 2,202,543; May 28.
Amylaceous composition. H. F. Bauer. 2,215,846; Sept. 24.
Amylaceous compositions, Water resistant. J. V. Bauer and D. M. Hawley. 2,212,314; Aug. 20.
Anatomical demonstrating device. T. G. Fleet. 2,197,975; Apr. 23.
Anchor. W. J. Conroy. 2,208,663; July 23.
Anchor. C. W. Filby. 2,204,799; June 18.
Anchor. P. F. Kaut. 2,200,695; May 14.
Anchor. W. A. Richardson. 2,210,635; Aug. 6.
Anchor, Boat. J. F. Hottel. 2,202,856; June 4.
Anchor, Comforter. G. W. Gartz. 2,223,412; Dec. 3.
Anchor device for wells, Internal. I. J. Cox and C. R. Johnson. 2,222,405; Nov. 19.
Anchor device, Tire chain. S. Goldenberg. 2,201,397; May 21.
Anchor, Earth. A. B. Chance. 2,207,049; July 9.
Anchor, Expansible earth. C. E. Handel. 2,217,271; Oct. 8.
Anchor, Floor. G. H. Bugenhagen. 2,201,714; May 21.
Anchor for insert pumps. L. L. Mackowski. 2,224,826; Dec. 10.
Anchor for use in concrete. W. C. Walsh. 2,214,756; Sept. 17.
Anchor for whipstocks, Knuckle. J. D. Hughes. 2,196,528; Apr. 9.
Anchor holder. G. E. Maxwell. 2,203,390; June 4.
Anchor iron. W. H. Bowman, Jr. 2,223,596; Dec. 3.
Anchor, Lading strap. F. G. Love. 2,226,667; Dec. 31.
Anchor member, Adjustable tie-down. W. H. Mussey. 2,190,636; Feb. 13.
Anchor, Rail. H. G. Warr. 2,226,035; Dec. 24.
Anchor, Refractory. G. F. Doyle. 2,225,983; Dec. 24.
Anchor, Sleeper. C. B. Bierbach. 2,191,979; Feb. 27.
Anchor stabilizer, Rail. R. P. Clarkson. 2,212,658; Aug. 27.
Anchor, Umbrella. D. L. Mercer. 2,211,283; Aug. 13.
Anchorage, Bridge cable. R. W. Finke and O. R. Elwell. 2,198,809; Apr. 30.
Anchorage for cargo binders, Car wall. M. L. Rowe. 2,226,020; Dec. 24.
Anchorage for pipe lines and the like. E. A. Wert. 2,215,238; Sept. 17.
Anchoring. J. Chmura. 2,202,336; May 28.
Anchoring device. R. S. Peirce. 2,203,178; June 4.
Anchoring device. A. A. Wuellner. 2,199,533; May 7.
Anchoring means for posts. C. R. Stockdale. 2,209,066; July 23.
Anchoring structure for portable ice boxes. W. F. Kirk. 2,187,270; Jan. 16.
Anchors, Rail. R. A. Blair. 2,217,040; Oct. 8.
Anesthetic. J. G. Blaso. 2,187,597; Jan. 16.
Anesthetic of the pyridine series and producing the same. R. R. Renshaw and P. F. Dreisbach. 2,189,404; Feb. 6.
Anesthetic preparation, Self-spraying. J. G. Blaso. 2,187,598; Jan. 16.
Anesthetizing apparatus. J. A. Heidbrink. 2,208,633; July 23.
Angle conveyer section, Adjustable. E. L. Swanson. 2,214,313; Sept. 10.
Angle determining device. F. H. Hagner. 2,219,990; Oct. 29.

Angle divider. A. S. Raettig. 2,208,137; July 16.
Angle finding apparatus, Dynamic balance. R. J. Exter. 2,210,285; Aug. 6.
Angle gauge. F. W. Billker and H. J. Tapper. 2,195,557; Apr. 2.
Angle gauge. L. G. Pyle. 2,213,148; Aug. 27.
Angle-measuring instrument. H. Wild. 2,221,317; Nov. 12.
Angle shaft coupling. A. T. Smith. 2,218,303; Oct. 15.
Angle trisector. A. G. Neurohr. 2,222,853; Nov. 26.
Angle truing device. R. R. Welch. 2,223,879; Dec. 3.
Angles, Rolling. J. M. Hooper. 2,191,390–1; Feb. 20.
Anhydride, Manufacture of acetic. H. L. Reichart, Jr. 2,225,486; Dec. 17.
Anhydrides, Manufacture of aliphatic. H. Dreyfus. 2,192,259; Mar. 5.
Anhydrides of higher fatty acids, Manufacture of. C. J. Malm and W. E. Fisher. 2,221,026; Nov. 12.
Anhydrides, Separation of maleic and phthalic. A. O. Jaeger. 2,220,044; Oct. 29.
Anhydrite, Making. R. W. Sullivan. 2,197,953; Apr. 23.
Animal exercising and amusement device. C. de Bruler. 2,194,736; Mar. 26.
Animal feeding means. H. F. Hablitzel. 2,187,711; Jan. 16.
Animal feeding method. A. A. Macdonell. 2,189,213; Feb. 6.
Animal fiber, Treatment for. W. B. Pratt. 2,220,805; Nov. 5.
Animal, Mechanical walking. A. M. Bennett. 2,226,893; Dec. 31.
Animal trap. E. E. Andrick. 2,225,251; Dec. 17.
Animal trap. L. T. Blasen. 2,197,121; Apr. 16.
Animal trap. R. Bowen. 2,225,254; Dec. 17.
Animal trap. A. Brzykcy. 2,216,529; Oct. 1.
Animal trap. R. C. Burnley. 2,205,970; June 25.
Animal trap. M. R. Clover. 2,200,617; May 14.
Animal trap. N. Cress. 2,188,652; Jan. 30.
Animal trap. F. E. Culbertson. 2,201,307; May 21.
Animal trap. E. Docken. 2,191,274; Feb. 20.
Animal trap. H. L. Donnell. 2,188,109; Jan. 23.
Animal trap. J. A. Fields. 2,218,746; Oct. 22.
Animal trap. T. W. Garriss. 2,186,864; Jan. 9.
Animal trap. W. A. Gibbs. 2,216,665; Oct. 1.
Animal trap. H. R. Graybill. 2,188,297; Jan. 30.
Animal trap. H. R. Graybill. 2,196,862; Apr. 9.
Animal trap. J. R. Hannold. 2,216,911; Oct. 8.
Animal trap. H. J. Houtsinger and H. A. Stilson. 2,209,522; July 30.
Animal trap. J. U. Lehn. 2,216,919; Oct. 8.
Animal trap. J. U. Lehn and H. Drach. 2,216,918; Oct. 8.
Animal trap. R. C. Lewis. 2,191,570; Feb. 27.
Animal trap. O. Meswarb. 2,218,289; Oct. 15.
Animal trap. W. Paiuk. 2,221,406; Nov. 12.
Animal trap. G. E. Roff. 2,217,136; Oct. 8.
Animal trap. A. D. Sund. 2,190,089; Feb. 13.
Animal trap. A. D. Sund. 2,224,616; Dec. 10.
Animal trap. W. L. Thada. 2,194,838; Mar. 26.
Animal trap. W. A. Uttz, Sr. 2,187,001; Jan. 16.
Animal trap. J. D. Zahm. 2,202,938; June 4.
Animated display. M. C. Welles. 2,202,178; May 28.
Animated display device. G. de Verry. 2,210,315; Aug. 6.
Animated display method and means. G. H. Jentzen. 2,220,719; Nov. 5.
Animated display motor. W. G. Wegenhals. 2,186,744; Jan. 9.
Animated effects, Creating. G. Musaphia. 2,196,424; Apr. 9.
Animating apparatus. S. Gold. 2,197,268; Apr. 16.
Animation, Art of. W. E. Disney. 2,201,689; May 21.
Anion exchange, Effecting. O. M. Urbain and W. R. Stemen. 2,208,173; July 16.
Anionic boric acid ester compounds of amino alcohols, Surface active. J. Katz. 2,216,618; Oct. 1.
Anionic compounds of amino alcohols, Surface active. J. Katz. 2,216,617; Oct. 1.
Anklet, Zipper. J. L. Burn. 2,193,056; Mar. 12.
Annealing apparatus. C. B. Hoak. 2,194,977; Mar. 26.
Annealing cover. A. N. Koch and C. C. Huffman. 2,214,249; Sept. 10.
Annealing furnace. M. C. Bates and B. H. Stenberg. 2,220,797; Nov. 5.
Annealing furnace. C. B. Hoak. 2,219,363; Oct. 29.
Annealing furnace, Tower-type strip. A. G. Hotchkiss. 2,195,310; Mar. 26.
Annealing strip, Method and apparatus for. J. D. Keller. 2,218,354; Oct. 15.
Announcing system. T. W. Varley. 2,200,461; May 14.
Annular thrust bearing. C. H. Scott. 2,220,027; Oct. 29.
Annular valve, Automatic. K. Kehler. 2,186,489; Jan. 9.
Annunciating apparatus. H. A. Thompson. 2,215,892; Sept. 24.
Annunciator. T. A. Keen. 2,203,630; June 4.
Anode, Cleaning. P. S. Toney. 2,220,982; Nov. 12.
Anode for electrolytic cells. R. L. Hardy and R. E. Hulse. 2,194,443; Mar. 19.
Anode for electrolyzers with vertical diaphragms. J. P. Lemaire. 2,222,979; Nov. 26.
Anode for electron guns. J. R. Beers. 2,212,144; Aug. 20.
Anode material for electrithermically modulable radiators, Production of. M. E. Lattmann. 2,200,846; May 14.
Antenna. P. S. Carter. Re. 21,609; Oct. 29.
Antenna. P. S. Carter. 2,188,649; Jan. 30.
Antenna. R. B. Dome. 2,201,857; May 21.
Antenna. C. W. Hansell. 2,205,358; June 18.
Antenna. N. E. Lindenblad. 2,199,375; Apr. 30.
Antenna. E. Richter. 2,212,128; Aug. 20.
Antenna. H. A. Wheeler. 2,190,816; Feb. 20.
Antenna and power cord, Combined. H. R. Rose and A. G. Swartz. 2,218,830; Oct. 22.
Antenna arrangement. E. Kramar. 2,189,910; Feb. 13.
Antenna arrangement, especially for radio beacons. D. Erben. 2,208,413; July 16.
Antenna array. K. Fränz. 2,218,707; Oct. 22.
Antenna array, Directional. A. Alford. 2,195,880; Apr. 2.
Antenna array, Directive. W. R. Blair. 2,196,187; Apr. 9.
Antenna array, Multifrequency directive. A. Alford. 2,207,039; July 9.
Antenna, Automobile. L. Stone, Jr. 2,214,685; Sept. 10.
Antenna, Automobile radio. C. C. Farwell. 2,203,986; June 11.
Antenna, Automobile radio. W. C. Harp. 2,210,289; Aug. 6.
Antenna, Automobile radio. W. Van Benschoten. 2,214,598; Sept. 10.
Antenna, Beam. W. Runge and K. Röhrich. 2,217,321; Oct. 8.
Antenna, Combined radio and television. W. L. Carlson and V. D. Landon. 2,214,830; Sept. 17.
Antenna, Confined or space resonance. H. E. Hollmann. 2,202,380; May 28.
Antenna construction. H. Palmer. 2,186,934; Jan. 16.
Antenna control, Directional. J. C. and V. W. Lotter. 2,219,844; Oct. 29.
Antenna coupling network, Low capacity. G. Mountjoy. 2,216,540; Oct. 1.
Antenna device. J. D. Border. 2,188,143; Jan. 23.
Antenna, Directional. W. S. Eaton. 2,204,406; June 11.
Antenna, Directive. M. Katzin. 2,192,532; Mar. 5.
Antenna, Diversity. W. I. Matthews. 2,186,422; Jan. 9.
Antenna equipment, Automotive. R. M. Daugherty and W. H. Myers. 2,188,427; Jan. 30.
Antenna equipment, Automotive. W. H. Myers. 2,226,522; Dec. 24.
Antenna, Extensible. T. F. Williams. 2,222,588; Nov. 19.
Antenna for broad frequency bands. W. Buschbeck. 2,218,741; Oct. 22.
Antenna for motor vehicles. G. N. Edwards. 2,214,048; Sept. 10.
Antenna for receiving radio transmissions in automobiles. K. Stief. 2,212,253; Aug. 20.
Antenna, High frequency. R. F. Lewis. 2,210,491; Aug. 6.
Antenna, Loop. W. Berndt. 2,202,368; May 28.
Antenna, Loop. G. Monti-Guarnieri. 2,222,752; Nov. 26.
Antenna, Loop. H. K. Morgan. 2,217,989; Oct. 15.
Antenna mast. C. T. Mason. 2,200,338; May 14.
Antenna, Motor vehicle. A. L. Knapp. 2,204,861; June 18.
Antenna mounting arrangement. H. G. Busignies. 2,215,778; Sept. 24.
Antenna network for vehicle guiding systems. G. E. M. Perroux. 2,212,245; Aug. 20.
Antenna, Radio. W. H. Boughter. 2,222,527; Nov. 19.
Antenna, Radio. J. F. Courtney. 2,205,846; June 25.
Antenna, Radio. W. C. De Roo, B. A. Schwartz, and J. Agramonte. 2,203,945; June 11.
Antenna, Radio. K. L. Dorman. 2,203.985; June 11.
Antenna reel mechanism. J. K. De Armond and G. L. Haller. 2,204,579; June 18.
Antenna reel, Radio transmitter. E. C. Moore. 2,209,467; July 30.
Antenna, Retractable. H. L. Bowers. 2,207,084; July 9.
Antenna, Rotating loop. R. L. Bayless. 2,206,870; July 9.
Antenna selector switch. R. R. Talley. 2,224,277; Dec. 10.
Antenna, Short wave broadcast. N. E. Lindenblad 2,197,051; Apr. 16.
Antenna stay arrangement. W. Peters. 2,204,026; June 11.
Antenna supervisory system. K. Fränz. 2,205,881; June 25.
Antenna support. H. L. Jenkins. 2,199,050; Apr. 30.
Antenna switching system. W. D. Hershberger. 2,189,549; Feb. 6.
Antenna system. W. L. Carlson and W. H. Conron. 2,218,083; Oct. 15.
Antenna system. P. S. Carter. 2,204,175; June 11.
Antenna system. L. G. Cumming. 2,214,102; Sept. 10.
Antenna system. J. B. Dow. 2,209,813; July 30.
Antenna system. D. Erben. 2,197,494; Apr. 16.
Antenna system. W. L. Everitt. 2,198,604; Apr. 30.
Antenna system. W. M. Hahnemann. 2,213,859; Sept. 3.
Antenna system. M. Katzin. 2,208,810; July 23.
Antenna system. K. Koschmieder. 2,213,282; Sept. 3.
Antenna system. C. W. Martin. 2,200,396; May 14.
Antenna system. G. L. Mydlil. 2,206,820–1; July 2.
Antenna system. H. O. Peterson. 2,217,623; Oct. 8.
Antenna system, All-wave. W. L. Carlson and V. D. Landon. 2,189,309; Feb. 6.

Antenna system and apparatus for aircraft. W. D. Van Dyke. 2,210,389; Aug. 6.
Antenna system, Directional. E. Gossel. 2,213,276; Sept. 3.
Antenna system, Directional. H. E. Hollmann. 2,227,088; Dec. 31.
Antenna system, Directional. K. Koschmieder. 2,207,061; July 9.
Antenna system, Directional. K. Koschmieder. 2,225,456; Dec. 17.
Antenna system, Directional. K. Posthumus. 2,205,174; June 18.
Antenna system, Directive. M. Katzin. 2,194,554; Mar. 26.
Antenna system, Diversity. W. R. Koch. 2,189,317; Feb. 6.
Antenna system, Multiple unit steerable. D. H. Ring. 2,225,928; Dec. 24.
Antenna system, Unidirectional V-type. A. Alford. 2,226,687; Dec. 31.
Antenna, Television. H. P. Thomas. 2,212,625; Aug. 27.
Antenna transformer. W. Buschbeck and H. J. R. von Baeyer. 2,187,014; Jan. 16.
Antenna, Ultra high frequency. G. H. Brown. 2,207,781; July 16.
Antenna, Ultra high frequency. W. R. Koch. 2,199,635; May 7.
Antenna, Ultra short wave. W. Buschbeck. 2,193,859; Mar. 19.
Antenna unit with universal mounting. A. Fener and J. Alesi. 2,215,810; Sept. 24.
Antenna, Wide band short wave. P. S. Carter. 2,224,898; Dec. 17.
Antenna winch. H. Schröder. 2,188,062; Jan. 23.
Antenna winch for aircraft. H. Schröder. 2,187,575; Jan. 16.
Anthracene, Purification of. J. A. C. Yule. 2,213,755; Sept. 3.
Anthrachrysone-2,6-dialdehyde and preparing the same. G. Kränzlein and F. Roemer. 2,200,957; May 14.
Anthraquinone compound and coloring therewith. J. G. McNally and J. B. Dickey. 2,188,369; Jan. 30.
Anthraquinone compounds and coloring therewith. J. G. McNally and J. B. Dickey. 2,191,029–30; Feb. 20.
Antidazzle device. W. J. Rex. 2,212,793; Aug. 27.
Antidrip device. F. S. Elsaesser. 2,205,687; June 25.
Antifreeze composition. W. L. Morgan. 2,200,184; May 7.
Antifreeze composition, Noncorrosive. I. J. Bash. 2,195,689; Apr. 2.
Antifreeze composition, Noncorrosive. F. R. Whaley. 2,185,238; Jan. 2.
Antifreeze device. S. Vorech. 2,201,936; May 21.
Antifreeze liquid, Noncorrosive. F. R. Whaley. 2,197,775; Apr. 23.
Antifreeze liquid, Noncorrosive. F. R. Whaley and H. Lamprey. 2,197,774; Apr. 23.
Antifreeze solution indicator. W. E. Ericson. 2,212,809; Aug. 27.
Antifriction bearing. J. M. Bryant. 2,227,064; Dec. 31.
Antifriction bearing. F. O. Hickling. 2,185,339; Jan. 2.
Antifriction bearing. A. G. Laughridge. 2,213,400; Sept. 3.
Antifriction bearing. L. H. Stein. 2,224,704; Dec. 10.
Antigen for determination of tuberculosis and making the same. B. Gruskin. 2,204,272; June 11.
Antigen tests, System for conducting stained. R. W. Terry. 2,194,131; Mar. 19.
Antigenic substance. M. J. Boyd and J. T. Tamura. 2,224,591; Dec. 10.
Antiglare device. S. Itzigson. 2,210,762; Aug. 6.
Antiglare device for head lamps. W. Badem. 2,221,040; Nov. 12.
Antiglare device for headlights. C. H. Montague. 2,204,429–30; June 11.
Antihalation and filter layers for photographic film. D. E. R. Ayres, A. Batley, and E. B. Knott. 2,199,978; May 7.
Antikickback device. H. F. Vickers. 2,197,819; Apr. 23.
Antimicrophonic phototube circuit. F. H. Gulliksen. 2,193,590; Mar. 12.
Antimony compounds, Aromatic sulphonamide-substituted. H. Schmidt. 2,215,430; Sept. 17.
Antineuritically active products, Manufacture of. H. Andersag and K. Westphal. 2,209,244; July 23.
Antioxidant. D. Craig. 2,189,417; Feb. 6.
Antioxidant. D. Craig. 2,206,454; July 2.
Antioxidant. L. H. Howland. 2,200,747; May 14.
Antioxidant. W. L. Semon. 2,206,433; July 2.
Antioxidant. S. Shappirio. 2,217,711; Oct. 15.
Antioxidant. C. F. Winans. 2,200,525; May 14.
Antioxidant. R. V. Yohe. 2,189,411; Feb. 6.
Antioxidant composition. H. F. Lewis. 2,214,251; Sept. 10.
Antioxidant for fats and oils. A. Guillaudeu. 2,197,269; Apr. 16.
Antioxidant for rubber. W. D. Wolfe. 2,215,142; Sept. 17.
Antioxidant, Gasoline. J. W. Teter. 2,211,180; Aug. 13.
Antioxidants. D. R. Stevens and W. A. Gruse. 2,202,876; June 4.
Antioxidants and petroleum oils containing the same. D. R. Stevens and W. A. Gruse. 2,202,877; June 4.
Antioxidants, Production of aliphatic ketone-diarylamine. W. F. Tuley, C. S. Dewey, and R. S. Hanslick. 2,202,934; June 4.
Antipick lock. S. Braune. 2,202,329; May 28.
Antipicking device. J. C. Cridlebaugh. 2,217,891; Oct. 15.
Antipulsator. L. E. Arnold. 2,224,130; Dec. 10.
Antirattler for window sashes. C. W. Jorgensen. 2,217,653; Oct. 15.
Antirattling attachment for windows. A. J. Sinchuk. 2,209,041; July 23.
Antirattling device. J. B. Benson. 2,187,412; Jan. 16.
Antirecoil device. S. E. Allen. 2,218,189; Oct. 15.
Antirolling device for ships. J. V. Giliberty. 2,223,562; Dec. 3.
Antirolling device for ships. W. H. C. E. Rösingh. 2,198,295; Apr. 23.
Antiseptic. R. R. Burtner. 2,206,804–5; July 2.
Antiseptic preparation. H. Worne. 2,190,749; Feb. 20.
Antishimmy device. R. C. Stoxen. 2,203,583; June 4.
Anti-side-slipping combination for motor vehicles. H. L. Norton. 2,225,017; Dec. 17.
Antiskid appliance. H. M. Becht. 2,204,921; June 18.
Antiskid chain. J. M. Benjamin. 2,222,393; Nov. 19.
Antiskid device. H. R. Ansel. 2,190,142; Feb. 13.
Antiskid device. G. Conway. 2,198,906; Apr. 30.
Antiskid device. F. J. Daley. 2,195,982–3; Apr. 2.
Antiskid device. C. C. Farmer. 2,198,032; Apr. 23.
Antiskid device. C. B. Larsen. 2,186,759; Jan. 9.
Antiskid device. W. S. Rollings. 2,212,076; Aug. 20.
Antiskid device. W. H. Snyder. 2,222,786; Nov. 26.
Antiskid unit for tires. H. H. Hurst. 2,186,528; Jan. 9.
Antiskidding device for automobiles. L. O. E. Roessel. 2,201,632; May 21.
Antislipping device. B. A. Dow. 2,189,884; Feb. 13.
Anti-soil-erosion apparatus. F. A. Oetting. 2,195,899; Apr. 2.
Antistall device. J. Schweiss. 2,190,738; Feb. 20.
Antistatic receiving system. W. E. Zuccarello. 2,200,613; May 14.
Antitheft device. H. Hokanson. 2,188,714; Jan. 30.
Anti-thumb-sucking device. D. D. Shelton. 2,204,235; June 11.
Antiwheel slide device. C. L. Eksergian. 2,226,557; Dec. 31.
Antiwind construction for lawn mower reels. T. B. Funk. 2,196,149; Apr. 2.
Anvil for fastener setting machines, Multiple. A. R. Havener. 2,187,517; Jan. 16.
Apparatus. C. H. Greenewalt. 2,217,743; Oct. 15.
Apparatus and a process for the recovery of gasoline from cracked petroleum hydrocarbons. D. F. Babcock. 2,222,276; Nov. 19.
Apparatus and method for cementing wells. E. V. Crowell. 2,223,442; Dec. 3.
Apparatus and method for cleaning gases. H. J. White. 2,192,249; Mar. 5.
Apparatus and method for control of flow of air, gases, and the like. H. A. Reece. 2,197,949; Apr. 23.
Apparatus and method for controlling the feeding of glass charges. J. T. Wood. 2,215,417; Sept. 17.
Apparatus and method for dispensing meat products. H. Rumsey, Jr. 2,226,442; Dec. 24.
Apparatus and method for facilitating the navigation of aircraft. R. Gunn. 2,210,932; Aug. 13.
Apparatus and method for heat treating a plurality of hydrocarbon streams. C. L. Ocon. 2,192,238; Mar. 5.
Apparatus and method for making thin rubber articles. I. W. Robertson. 2,221,695; Nov. 12.
Apparatus and method for modification of currents of air, gases, and the like. H. A. Reece. 2,197,948; Apr. 23.
Apparatus and method for nodulating fibers. F. E. Allen and H. V. Smith. 2,219,285; Oct. 29.
Apparatus and method for testing and assorting thin rubber goods. J. R. Gammeter. 2,221,323; Nov. 12.
Apparatus and method for the preparation and handling of plastic material. J. Bailey. 2,207,426; July 9.
Apparatus and method of eliminating signal fading. L. D. Eckard. 2,200,789; May 14.
Apparatus and method of forming and welding tubes. J. L. Anderson. 2,203,855; June 11.
Apparatus and method of graveling wells. L. A. Layne. 2,223,374; Dec. 3.
Apparatus and method of treating bulk material. F. S. Smith. 2,212,575; Aug. 27.
Apparatus and process for irradiating fluids. C. B. Dalzell. 2,193,225; Mar. 12.
Apparatus and process for making decorative films. J. H. Rooney and P. R. Hawtin. 2,207,822; July 16.
Apparatus and process for treating materials. C. W. Vogt. Re. 21,406; Mar. 19.
Apparatus employing high voltage, high frequency impulsive electric current. H. Kikuchi and M. Hirose. 2,215,045; Sept. 17.
Apparatus employing polarized light for the production of stereoscopic images. E. H. Land and J. Mahler. 2,203,687; June 11.
Apparatus for abrasively treating metal articles. R. W. Guite. 2,204,588; June 18.
Apparatus for absorbing the secondary rays in X-ray photography. P. Kamm. 2,195,729; Apr. 2.
Apparatus for adding extracts or the like to shower baths. J. Freng. 2,201,528; May 21.
Apparatus for administering anesthetic. E. E. W. Anderson. 2,225,201; Dec. 17.

Apparatus for administering powdered aluminum. W. B. Stewart. 2,214,032; Sept. 10.
Apparatus for advanced chiropractic process. S. H. Miller. 2,211,214; Aug. 13.
Apparatus for aerating liquids. H. H. Hoyer and P. Wilson. 2,196,632; Apr. 9.
Apparatus for agitating liquids. M. F. Kowalski. 2,206,669; July 2.
Apparatus for aid in teaching piano. C. J. Lamp. 2,193,335; Mar. 12.
Apparatus for allaying dust from rock drills. J. T. McIntyre. 2,201,270; May 21.
Apparatus for amplifying alternating or pulsating electric currents. S. A. Stevens and A. H. B. Walker. 2,222,049; Nov. 19.
Apparatus for amplifying electrical vibrations. C. O. Browne and F. Blythen. 2,190,753; Feb. 20.
Apparatus for and a method of making coils. W. J. Thompson. 2,221,390; Nov. 12.
Apparatus for and method for treating fabrics. F. L. Kernal. 2,227,391; Dec. 31.
Apparatus for and method of air distribution. J. D. Strobell. 2,220,587; Nov. 5.
Apparatus for and method of applying cigar bands. E. H. Jähne. 2,222,890; Nov. 26.
Apparatus for and method of breaking coal. R. J. Meyer. 2,211,243; Aug. 13.
Apparatus for and method of circulating molten glass in a feeding container. K. E. Peiler. 2,217,182; Oct. 8.
base. C. Emmey. 2,217,199; Oct. 8.
Apparatus for and method of controlling distortion. A. W. Davis. 2,208,121; July 16.
Apparatus for and method of duplicating. J. H. Tathwell. 2,220,300; Nov. 5.
Apparatus for and method of gapping spark plugs. E. Mosthaf. 2,215,333; Sept. 17.
Apparatus for and method of inducing pyrexia. C. C. Honsaker. 2,203,263; June 4.
Apparatus for and method of making containers. W. E. Amberg. 2,203,513; June 4.
Apparatus for and method of making fasteners. R. C. Legat. 2,198,345; Apr. 23.
Apparatus for and method of manufacturing lipsticks. S. Ferentzy. 2,192,675; Mar. 5.
Apparatus for and method of reforming the uppers of shoes. A. H. Altvater. 2,211,042; Aug. 13.
Apparatus for and method of removing supernatant matter from sewage and other liquids. A. C. Durdin, Jr. 2,186,371; Jan. 9.
Apparatus for and method of selecting fractions from fractionating condensers. G. E. Wynn and R. G. Huggins. 2,198,325; Apr. 23.
Apparatus for and method of separating seeds. F. C. Dyer and A. W. Campbell. 2,200,771; May 14.
Apparatus for and method of transferring heat of hot sugar worts. M. Seidel. 2,197,059; Apr. 16.
Apparatus for and method of treating hat bodies. F. Franz, A. H. Boesch, and R. Pash. 2,203,409; June 4.
Apparatus for and method of winding wire. R. E. Walsh, F. S. Van Valkenburg, and W. D. Pierson. 2,214,333; Sept. 10.
Apparatus for annealing strip. J. C. Woodson. 2,200,732; May 14.
Apparatus for applying a plastic insulating composition. O. V. McGrew. 2,201,736; May 21.
Apparatus for applying binding materials. D. C. Drill, C. L. Whitenack and J. H. Gregory. 2,199,087; Apr. 30.
Apparatus for applying center spots to crown cap cushions. G. F. M. Pedersen. 2,197,830; Apr. 23.
Apparatus for applying decorative color effects to glass and ceramic ware. T. S. Bauman. 2,206,686; July 2.
Apparatus for applying flock. W. B. Thompson. 2,220,921; Nov. 12.
Apparatus for applying flux to welding rod. R. G. Le Tourneau, R. Peterson, and E. E. Isgren. 2,198,085; Apr. 23.
Apparatus for applying glaze. B. A. Jeffery. 2,198,999; Apr. 30.
Apparatus for applying liquid insecticide to plants. H. M. B. Rucker. 2,223,809; Dec. 3.
Apparatus for applying liquid to fabric. R. C. Benner and R. L. Melton. 2,191,827; Feb. 27.
Apparatus for applying medicaments, particularly into cavities of the human body. H. Fromm. 2,197,689; Apr. 16.
Apparatus for arresting launching devices for airplanes. R. H. Fleet, W. B. Wheatley, and I. M. Laddon. 2,197,299; Apr. 16.
Apparatus for arresting launching devices for airplanes. R. H. Fleet, W. B. Wheatley, and I. M. Laddon. 2,210,449; Aug. 6.
Apparatus for ascertaining the depth focus of a lens. D. E. Hardie. 2,201,230; May 21.
Apparatus for ascertaining vision sensitivities. H. R. de Silva. 2,224,564; Dec. 10.
Apparatus for assembling antifriction bearings. G. H. Carlson. 2,222,605; Nov. 26.
Apparatus for assembling glass applicator rods and bottle caps. C. F. Schmidt. 2,197,714; Apr. 16.
Apparatus for assembling sealing pads in receptacle closure caps. J. A. Johnson. 2,200,844; May 14.
Apparatus for assembling the parts of closure clamping devices. F. Redman. 2,198,740; Apr. 30.
Apparatus for attaching binder strings. A. G. Gordon and J. T. Ebert. 2,226,766; Dec. 31.
Apparatus for attaching printing plates to a cylinder. C. N. Lowe. 2,209,127; July 23.
Apparatus for attaching slide fastener locking members to flexible tapes. A. Süsskind. 2,203,448; June 4.
Apparatus for attaching soles to shoes. C. K. MacDonald. 2,207,020; July 9.
Apparatus for automatic adjustment of variable brakes. B. H. Browall. 2,195,508; Apr. 2.
Apparatus for automatically making and assembling filing cards. A. H. Anderson, J. A. Fitch, and C. W. Straubel. 2,188,994; Feb. 6.
Apparatus for automatically molding confectionery. A. L. Bausman. 2,226,890; Dec. 31.
Apparatus for automatically spraying lumber with preservative fluid. M. B. Frank. 2,206,179; July 2.
Apparatus for automatically tuning radio receivers. E. M. Butler. 2,191,606; Feb. 27.
Apparatus for baking articles of dough. P. R. and A. B. Holtzman. 2,224,634; Dec. 10.
Apparatus for banding articles. H. R. Schutz. 2,215,981; Sept. 24.
Apparatus for batch weighing. C. L. Harmon. 2,212,-419; Aug. 20.
Apparatus for beating fibrous stock. W. A. Kelley. 2,214,080; Sept. 10.
Apparatus for bending glass sheets. W. Owen. 2,223,123; Nov. 26.
Apparatus for bending sheet glass. O. H. Paddock and A. McK. Greaves-Walker. 2,213,406; Sept. 3.
Apparatus for bending vitreous tubing. C. A. Brown and F. B. Van Sickle. 2,208,958; July 23.
Apparatus for blasting coal. E. Geertz. 2,207,191; July 9.
Apparatus for blowing insulating material. J. E. Whitfield. 2,193,849; Mar. 19.
Apparatus for boning fish. W. A. Gibbs. 2,224,045; Dec. 3.
Apparatus for brazing. F. T. Cope. 2,227,295; Dec. 31.
Apparatus for building roads. A. S. Millikin. 2,195,221; Mar. 26.
Apparatus for building tires. J. I. Haase. 2,208,324; July 16.
Apparatus for bulbing greenhouses. O. K. Owen. 2,215,617; Sept. 24.
Apparatus for burning gas. F. O. Hess. 2,215,079; Sept. 17.
Apparatus for burning hydrocarbon oils. J. G. Gilmore and M. D. Huston. 2,214,670; Sept. 10.
Apparatus for butt-welding pipes and tubing. J. L. Anderson. 2,196,180; Apr. 9.
Apparatus for calibrating measuring instruments. R. W. Smith. 2,204,260; June 11.
Apparatus for canning meat. C. L. Griffith. 2,224,908; Dec. 17.
Apparatus for capping bottles. E. G. Baum. 2,190,509; Feb. 13.
Apparatus for carbonating liquids. W. S. Larson. 2,196,997; Apr. 16.
Apparatus for carbonating liquids. E. Zahm and G. G. Zahm. 2,226,958; Dec. 31.
Apparatus for carbonating water. C. J. Holinger. 2,217,841; Oct. 15.
Apparatus for case hardening glass. O. H. Paddock. 2,194,612; Mar. 26.
Apparatus for casting articles. H. E. McWane. 2,186,938; Jan. 16.
Apparatus for casting hollow bodies. J. Nagatsuka. 2,212,844; Aug. 27.
Apparatus for casting metal. A. W. Morris. 2,195,960; Apr. 2.
Apparatus for casting metallic ingots. M. Asimow and F. E. Mooney. 2,211,361; Aug. 13.
Apparatus for catalytic conversions and other contact mass operations. T. P. Simpson, J. W. Payne, J. A. Crowley, Jr., and C. S. Teitsworth. 2,185,928; Jan. 2.
Apparatus for cathode disintegration. B. Berghaus and W. Burkhardt. 2,206,020; July 2.
Apparatus for cementing well bores. R. C. Baker. 2,196,652; Apr. 9.
Apparatus for cementing wells. L. H. Hayward and C. O. Harper. 2,214,555; Sept. 10.
Apparatus for cementing wells. D. Scaramucci. 2,208,603; July 23.
Apparatus for cementing wells. F. J. Spang. 2,196,538; Apr. 9.
Apparatus for centrifugal casting of molten metal. J. Hauck. 2,214,133; Sept. 10.
Apparatus for charging siphon bottles. O. A. Knable and C. N. Mertes. 2,199,665; May 7.
Apparatus for charring barrels. F. B. Schorck. 2,194,433; Mar. 19.
Apparatus for cinnamon rolls and the like. M. E. Fonken. 2,217,896; Oct. 15.
Apparatus for clamping mirror-script originals in duplicating machines and method relating thereto. W. Ritzerfeld. 2,220,282; Nov. 5.
Apparatus for clarifying liquid. J. S. Little and J. N. Selvig. 2,220,574; Nov. 5.
Apparatus for classification and separation of material particles. E. L. Wiegand. 2,213,510; Sept. 3.
Apparatus for cleaning and flushing radiators and the like. J. Boezi and R. Papirl. 2,187,413; Jan. 16.

Apparatus for cleaning bottles. J. L. Herold and F. W. Wehmiller. 2,199,459; May 7.
Apparatus for cleaning castings. T. K. Webster, Jr. 2,227,047; Dec. 31.
Apparatus for cleaning coils. Le R. D. Lowry. 2,204,900; June 18.
Apparatus for cleaning cylinder heads or the like. F. C. Arey. 2,225,946; Dec. 24.
Apparatus for cleaning gases. R. R. Harmon. 2,226,127–8; Dec. 24.
Apparatus for cleaning loose material. J. C. Nelms. 2,214,434; Sept. 10.
Apparatus for cleaning metal parts. O. L. Coffey. 2,211,099; Aug. 13.
Apparatus for cleaning poultry and the like. A. A. Brodeur. 2,189,484; Feb. 6.
Apparatus for cleaning resins. J. W. Taylor. 2,218,364; Oct. 15.
Apparatus for cleaning strip metal. F. J. Wood. 2,204,168; June 11.
Apparatus for cleaning vehicles. T. A. Mackin. 2,221,876; Nov. 19.
Apparatus for clearing liners. L. P. Brandel. 2,213,926; Sept. 3.
Apparatus for clearing matted material from a supporting screen. D. Kleist and G. Slayter. 2,192,917; Mar. 12.
Apparatus for clinching lift levers to cans. J. L. Card. 2,225,549; Dec. 17.
Apparatus for closing tanks. J. Muller. 2,189,991; Feb. 13.
Apparatus for coating articles. E. T. Ferngren. 2,195,670; Apr. 2.
Apparatus for coating metal sheets. J. E. Elswick. 2,194,974; Mar. 26.
Apparatus for coating metal strips. M. G. Whitfield and V. Sheshunoff. 2,203,606; June 4.
Apparatus for coating pipe. L. Bryan and W. R. Postlewaite. 2,186,361; Jan. 9.
Apparatus for coating printing cylinders. C. L. Henderson. 2,212,233; Aug. 20.
Apparatus for coating strands. E. J. Fisher. 2,224,149; Dec. 10.
Apparatus for coating strip. B. W. Gonser, A. U. Seybolt and D. A. McArthur. 2,223,355; Dec. 3.
Apparatus for coiling wire. W. Börkey. 2,206,627; July 2.
Apparatus for coiling wire or the like. C. O. Bruestle. 2,216,224–5; Oct. 1.
Apparatus for color photography. L. Cristiani. 2,200,467; May 14.
Apparatus for color photography. L. Cristiani and G. Mascarini. 2,200,466; May 14.
Apparatus for coloring, printing, and decorating flat surfaces, particularly woven textiles. J. Issartel and E. Robert. 2,203,910; June 11.
Apparatus for comparing floor materials. R. G. Walker. 2,225,140; Dec. 17.
Apparatus for compensating for incorrect reproduction of color in color photographs. F. Busse. 2,213,382; Sept. 3.
Apparatus for compensating hygroscopic expansion of paper in printing presses. T. Makarius and J. Verzera. 2,218,430; Oct. 15.
Apparatus for compressing and cooling air. A. Garelli. 2,215,266; Sept. 17.
Apparatus for conditioning air. T. D. Adair. 2,191,224; Feb. 20.
Apparatus for conditioning air. R. H. Swart. 2,188,967; Feb. 6.
Apparatus for conditioning cotton. C. G. Hughes. 2,210,319; Aug. 6.
Apparatus for conditioning molding sand. W. F. Piper. 2,213,716; Sept. 3.
Apparatus for conditioning or desurfacing metal. J. H. Bucknam and H. W. Jones. 2,223,402; Dec. 3.
Apparatus for conditioning the surfaces of metal bodies. J. H. Bucknam, A. J. Miller, and A. M. Keller. 2,200,259; May 14.
Apparatus for conditioning yarn and other strand materials. D. E. Mills and G. N. Taylor. 2,188,442; Jan. 30.
Apparatus for contacting vapors and liquids. J. R. J. van Dongen and W. J. D. van Dijck. 2,202,071; May 28.
Apparatus for continuous casting processes. S. Junghans. 2,218,171; Oct. 15.
Apparatus for continuous digesting of starch-containing raw materials or the like. A. Loginov. 2,195,335; Mar. 26.
Apparatus for continuous extraction of oil from seed. H. Suss. 2,223,747; Dec. 3.
Apparatus for continuous heat treatment and metal coating of metallic objects. T. Sendzimir. 2,224,410; Dec. 10.
Apparatus for continuously developing sensitized layers. J. R. Reed. 2,200,996; May 14.
Apparatus for control of air supply and securing accurate results in operation of furnaces. H. A. Reece. 2,197,947; Apr. 23.
Apparatus for controlled treatment of fluids. R. C. Lassiat. 2,222,623; Nov. 26.
Apparatus for controlling beams of light. Electromagnetic. J. Eggert and H. F. Nissen. 2,197,466; Apr. 16.
Apparatus for controlling compressor capacity. C. E. Nicolet. 2,208,428; July 16.
Apparatus for controlling electric circuits. H. E. Becker. 2,195,199; Mar. 26.
Apparatus for controlling electrical and other operating conditions of electrical circuits. E. R. Stoekle and A. Simon. Re. 21,533; Aug. 13.
Apparatus for controlling fluid flow. R. A. Wittmann. 2,212,762; Aug. 27.
Apparatus for controlling fluid pressure. H. W. Carnes. 2,219,441; Oct. 29.
Apparatus for controlling fluids in oil wells. R. L. Chenault. 2,191,370; Feb. 20.
Apparatus for controlling highway crossing signals. R. R. Kemmerer. 2,224,395; Dec. 10.
Apparatus for controlling physical conditions. H. Ziebolz. 2,195,351; Mar. 26.
Apparatus for controlling railway switches. J. W. Logan, Jr. 2,208,993; July 23.
Apparatus for controlling recoil. R. H. S. Hughes. 2,206,567; July 2.
Apparatus for controlling temperature of furnaces. C. S. Smith. 2,220,028; Oct. 29.
Apparatus for controlling temperatures and humidity. T. and P. J. Lydon. 2,201,342; May 21.
Apparatus for controlling the apparent resistance of an amplifier anode. H. F. Mayer. 2,220,770; Nov. 5.
Apparatus for controlling the distortion of rolls. P. L. M. Bruno. 2,214,874; Sept. 17.
Apparatus for controlling the flow of a fluid product. F. S. Smith. 2,217,298; Oct. 8.
Apparatus for controlling the flow of fluids. H. Ziebolz. 2,185,970; Jan. 2.
Apparatus for controlling the movement of heavy masses. H. F. Vickers and N. B. Frost. 2,189,823; Feb. 13.
Apparatus for controlling the operation of machine tools using fixed or movable cutters. G. L. Murray. 2,205,959; June 25.
Apparatus for converting currents. F. Koppelmann and H. J. Mattern. 2,195,818; Apr. 2.
Apparatus for converting metals and the like. R. Maier. 2,207,746; July 16.
Apparatus for conveying canned goods. A. R. Thompson. 2,225,137; Dec. 17.
Apparatus for conveying cigars and fillers. C. F. Röber. 2,198,976; Apr. 30.
Apparatus for conveying powdered material. H. Horn. 2,219,283; Oct. 29.
Apparatus for cooking bakery products. J. K. Nattson. 2,188,955; Feb. 6.
Apparatus for cooling and guiding strip. W. C. McBain and W. K. Blattman. 2,211,981; Aug. 20.
Apparatus for cooling containers. W. C. Hilger. 2,207,802; July 16.
Apparatus for copying lenticular films by projection. A. H. J. de L. St. Genies. 2,188,019; Jan. 23.
Apparatus for correcting bow in woven material. E. H. Swain. 2,219,213; Oct. 22.
Apparatus for covering cores. E. W. Reynolds. 2,221,555; Nov. 12.
Apparatus for cracking oil. C. E. Kleiber. 2,205,765; June 25.
Apparatus for cracking oil. P. E. Kuhl. 2,205,766; June 25.
Apparatus for creating and measuring forces. C. Wurr. 2,190,506; Feb. 13.
Apparatus for cultivating crystals. E. Gerlach. 2,204,180; June 11.
Apparatus for cutting contours. H. F. Kurtz. 2,203,389; June 4.
Apparatus for cutting dried putty from window sashes. P. R. Booth. 2,219,467; Oct. 29.
Apparatus for cutting, folding, and creasing labels. A. Rosenthal. 2,204,189; June 11.
Apparatus for cutting metal into sections. H. I. Morris. 2,209,995; Aug. 6.
Apparatus for cutting sheet material. A. C. Perbal. 2,191,148; Feb. 20.
Apparatus for cutting textile materials. A. F. Guyler and W. H. Boaler. 2,197,043; Apr. 16.
Apparatus for cutting thread or the like. L. J. Jordan. 2,201,180; May 21.
Apparatus for deaerating sirup. J. Kantor. 2,203,388; June 4.
Apparatus for decreasing rail contact resistance. H. A. Thompson. 2,211,181; Aug. 13.
Apparatus for deflecting light. D. A. Elliott. 2,213,307; Sept. 3.
Apparatus for degassing rotary muds. D. O. Newton. 2,195,898; Apr. 2.
Apparatus for delivering air foam to sealed tank. L. G. M. Timpson. 2,202,176; May 28.
Apparatus for delivering casting material under pressure to dies. L. H. Morin. 2,224,981; Dec. 17.
Apparatus for delivering measured quantities of liquid by volume from bottles or similar vessels. H. G. Conrade and L. T. Payne. 2,209,947; Aug. 6.
Apparatus for delivering measured quantities of liquid from bottles or similar vessels. R. L. Schneider. 2,193,043; Mar. 12.
Apparatus for deparaffining oil wells. D. L. Garrett. 2,225,775; Dec. 24.
Apparatus for depositing foam on liquid surfaces. H. M. Hoe. 2,203,301; June 4.

Apparatus for depth measurement by echo reception methods. A. J. Hughes. 2,212,604; Aug. 27.
Apparatus for destroying mold spores. C. W. Bart. 2,186,401; Jan. 9.
Apparatus for desuperheating vapor. H. H. Gorrie. 2,222,348; Nov. 19.
Apparatus for detecting and measuring heteroatomic gases. A. H. Pfund. 2,212,211; Aug. 20.
Apparatus for detecting water intrusion in boreholes. C. R. Dale. 2,203,720; June 11.
Apparatus for detecting web alignment. J. L. Jones. 2,220,737; Nov. 5.
Apparatus for detecting web alignment. D. C. Stockbarger and J. L. Jones. 2,220,736; Nov. 5.
Apparatus for determining acceleration of a machine or the like. A. C. Peterson. 2,199,672; May 7.
Apparatus for determining alignment of locomotive smokestack and exhaust pipe. J. Uhrin. 2,205,803; June 25.
Apparatus for determining horizon productivity of wells. W. S. Sease. 2,202,404; May 28.
Apparatus for determining light absorption qualities of substances. M. H. Rowe. 2,213,534; Sept. 3.
Apparatus for determining operating conditions in tandem trains of rolling mills. E. B. Hudson. 2,212,738; Aug. 27.
Apparatus for determining positions by radio beacons. W. M. Hahnemann and C. Jung-Zaeper. 2,214,927; Sept. 17.
Apparatus for determining pressure and temperature in a well. G. H. Ennis. 2,190,260; Feb. 13.
Apparatus for determining seismic velocities. N. R. Sparks. 2,203,272; June 4.
Apparatus for determining stresses in piping arrangements. H. W. Semar. 2,207,270; July 9.
Apparatus for determining the alterations of the horizontal components of the force of gravity. J. D. Malmqvist. 2,217,123; Oct. 8.
Apparatus for determining the inclination and direction of a hole. G. Potapenko. 2,190,950; Feb. 20.
Apparatus for determining the lubricating values of oils. F. Ray. 2,194,527; Mar. 26.
Apparatus for determining the minimum light visible. J. B. Feldman. 2,186,408; Jan. 9.
Apparatus for determining the motion of well drilling tools. Y. Neal and G. G. Hebard. 2,225,709; Dec. 24.
Apparatus for determining the percentage by weight, of linters, on cotton seed. C. S. Shaw. 2,196,613; Apr. 9.
Apparatus for determining the superficial resistance of pasteboard or paper. H. de Verdier. 2,221,964; Nov. 19.
Apparatus for determining the velocity of a target especially aircraft. J. Tichy. 2,209,485; July 30.
Apparatus for developing and otherwise treating photographic film. J. E. Vanderwalker. 2,212,357; Aug. 20.
Apparatus for developing and printing films in daylight, Portable. J. Cerny and I. Grinspun. 2,210,445; Aug. 6.
Apparatus for developing films without a dark room. R. Huerta and A. Grendani. 2,188,299; Jan. 30.
Apparatus for developing photographic films. H. Smith, Jr. 2,218,727; Oct. 22.
Apparatus for dicing fruit. F. A. Wool. 2,211,919; Aug. 20.
Apparatus for die pressing metal plates. J. P. Gallagher. 2,186,288; Jan. 9.
Apparatus for dislodging material. T. J. Ball. 2,225,614; Dec. 24.
Apparatus for dislodging surface materials. T. J. Ball. 2,218,512; Oct. 22.
Apparatus for dispensing heavy liquids. F. W. Olin. 2,200,189; May 7.
Apparatus for dispensing loose salt in measured quantities into cans or the like. H. L. Bird. Re. 21,453; May 21.
Apparatus for dispensing measured charges of fluent material. J. P. Crandall. 2,188,676; Jan. 30.
Apparatus for disseminating solids in liquids. E. Cowles. 2,219,571; Oct. 29.
Apparatus for distilling mineral oils. J. E. Schulze. 2,217,386; Oct. 8.
Apparatus for distilling wood. D. J. Saltsman. 2,196,343; Apr. 9.
Apparatus for distributing granular material and distribution. C. F. Geiger, C. P. Clapp, and W. C. Kempf. 2,219,954; Oct. 29.
Apparatus for distributing materials. M. S. Carmichael and G. Carmichael. 2,214,736; Sept. 17.
Apparatus for distributing strands. H. W. Bowly and J. Rudin. 2,219,887; Oct. 29.
Apparatus for drafting textile slivers or rovings. E. L. Martin. 2,206,232; July 2.
Apparatus for drawing glass fibers. C. G. Staelin. 2,225,667; Dec. 24.
Apparatus for drawing wire. P. M. Mueller. 2,220,048; Oct. 29.
Apparatus for dressing animal hides. P. S. Almendinger. 2,197,287; Apr. 16.
Apparatus for drilling wells. W. J. Newman. 2,187,092; Jan. 16.
Apparatus for driving piles without noise and vibration. K. Oka. 2,209,660; July 30.
Apparatus for dry generation of acetylene. M. O'Brian 2,189,762; Feb. 13.
Apparatus for drying. G. E. Bowdoin and W. Strobridge. 2,217,153; Oct. 8.
Apparatus for drying. H. I. Nicholas. 2,226,871; Dec. 31.
Apparatus for drying. W. Strobridge. 2,203,422; June 4.
Apparatus for drying animal casings. L. E. Dimond. 2,192,898; Mar. 12.
Apparatus for drying leather. G. M. Argabrite, F. S. Stout, and J. E. Leach. 2,197,776; Apr. 23.
Apparatus for drying paper. A. H. Standley. 2,224,803; Dec. 10.
Apparatus for drying thread or the like. H. B. Kline and L. J. Jordan. 2,204,603; June 18.
Apparatus for drying thread or the like. H. B. Kline and W. F. Knebusch. 2,222,817; Nov. 26.
Apparatus for drying wet granular materials. G. A. Vissac. 2,214,981; Sept. 17.
Apparatus for dyeing and finishing stockings. H. E. Brewin. 2,221,669; Nov. 12.
Apparatus for dyeing package yarns. H. S. Drum, W. C. Dodson, and W. H. Jaxheimer. 2,218,310; Oct. 15.
Apparatus for dyeing packages of textiles and the like. E. A. Stienen. 2,226,394; Dec. 24.
Apparatus for dyeing rayon yarns. E. A. Stienen. 2,218,664; Oct. 22.
Apparatus for earth boring. R. E. Lee. 2,224,439; Dec. 10.
Apparatus for effecting the rinsing of the vagina. A. Szász. 2,195,945; Apr. 2.
Apparatus for effecting the separation of commingled liquids. H. G. Thomson. 2,193,261; Mar. 12.
Apparatus for electric welding. J. V. Caputo. 2,198,265; Apr. 23.
Apparatus for electrical control. A. S. Riggs. 2,206,920; July 9.
Apparatus for electrically measuring the wall thickness of metal tubing and for controlling the wall thickness. F. H. Gooding. 2,213,983; Sept. 10.
Apparatus for electrically registering votes. C. F. Thompson. 2,219,347; Oct. 29.
Apparatus for electrically roasting coffee berries. G. G. Griffin. 2,189,206; Feb. 6.
Apparatus for electrolysis. H. L. Stewart. 2,219,342; Oct. 29.
Apparatus for electrolytic protection of vessels. W. A. Bary. 2,193,667; Mar. 12.
Apparatus for electromagnetic testing of paramagnetic materials. A. V. de Forest. 2,217,733; Oct. 15.
Apparatus for electroplating metallic articles. C. L. Etchison. 2,199,487; May 7.
Apparatus for electroplating metals on mirrors. P. R. Morris and E. J. Ballintine. 2,219,695; Oct. 29.
Apparatus for electroplating wire or the like. J. L. Schueler. 2,203,062; June 4.
Apparatus for electroprocessing. W. F. Hall and G. B. Hogaboom. 2,222,839; Nov. 26.
Apparatus for eliminating pipe, etc., in metals. G. W. Hazey. 2,190,209; Feb. 13.
Apparatus employing high voltage-high frequency electric current. H. Kikuchi and M. Hirose. 2,206,608; July 2.
Apparatus for emptying chocolate molds or the like. M. Heidelmeyer. 2,222,745; Nov. 26.
Apparatus for examining well casings. N. Johnston and R. V. Quinn. 2,194,229; Mar. 19.
Apparatus for exercising the eyes. W. M. Updegrave. 2,205,965; June 25.
Apparatus for exercising the fingers in the movements required for playing musical instruments. G. Hesse. 2,202,202; May 28.
Apparatus for exposing liquids to direct contact with air or gases. G. H. Walker. 2,206,440; July 2.
Apparatus for extracting gelatin and glue. W. V. Knoll. 2,215,528; Sept. 24.
Apparatus for extracting juices. R. J. Newton. 2,223,739; Dec. 3.
Apparatus for extruding metal sheath of pipe. G. A. Seeley. 2,206,977; July 9.
Apparatus for extruding metals. R. Gillis and S. V. Wilson. 2,213,699; Sept. 3.
Apparatus for extruding tubes. V. E. Royle. 2,216,832; Oct. 8.
Apparatus for eye treatment. A. A. Woelfel. 2,203,069; June 4.
Apparatus for fabricating fibrous material. A. L. Simison. 2,216,759; Oct. 8.
Apparatus for fabricating flexible shafts. L. F. Hahn. 2,202,580; May 28.
Apparatus for facilitating the embossing of perforated shoe parts. G. C. Loucks and J. R. H. Ward. 2,193,198; Mar. 12.
Apparatus for feeding a plurality of motor fuels. E. E. Hans. 2,210,536; Aug. 6.
Apparatus for feeding aggregate. S. L. McCurdy. 2,191,096; Feb. 20.
Apparatus for feeding batch to glass furnaces. B. H. Weekley. 2,212,358; Aug. 20.
Apparatus for feeding coal or the like. W. T. Hanna. 2,211,564; Aug. 13.
Apparatus for feeding cut tobacco. F. F. Ruau. 2,215,408; Sept. 17.
Apparatus for feeding finely divided materials. P. Goebels. 2,192,287; Mar. 5.

Apparatus for feeding material. W. D. Foster. 2,220,997; Nov. 12.
Apparatus for feeding material. E. L. Harrington. 2,226,242; Dec. 24.
Apparatus for feeding molten glass. T. F. Pearson. 2,185,565; Jan. 2.
Apparatus for filling containers. B. A. E. Johnson. 2,210,456; Aug. 6.
Apparatus for filming of X-ray images. J. Jany. 2,205,853; June 25.
Apparatus for filtering gas and the like. G. E. Lynch. 2,202,258; May 28.
Apparatus for filtering gases. A. Pietzsch. 2,210,429; Aug. 6.
Apparatus for filtration. E. D. Flynn and F. E. Kurz. 2,220,324; Nov. 5.
Apparatus for finding location. J. M. Mack. 2,202,634; May 28.
Apparatus for finishing buttons. F. Lach. 2,224,545; Dec. 10.
Apparatus for finishing contact lenses. A. F. Dittmer. 2,225,040; Dec. 17.
Apparatus for finishing gears. J. M. Christman. 2,206,449; July 2.
Apparatus for finishing gears. R. S. Drummond. 2,214,225; Sept. 10.
Apparatus for fishing through the ice. J. Krivutza. 2,198,286; Apr. 23.
Apparatus for flame machining. H. E. Serner. 2,208,139; July 16.
Apparatus for flowing oil wells. H. R. Toney. 2,207,033; July 9.
Apparatus for flushing crankcases of automobiles. M. V. Wills. 2,213,480; Sept. 3.
Apparatus for folding flexible articles and the like. F. B. Clark. 2,195,716; Apr. 2.
Apparatus for folding sheets of fabric and the like. J. H. Brackett. 2,204,268; June 11.
Apparatus for food preparation. J. M. Marty. 2,199,504; May 7.
Apparatus for forming a hedge shear blade. W. E. Barnhart. 2,185,881; Jan. 2.
Apparatus for forming a woven wire belt. W. C. Sutton. 2,221,696; Nov. 12.
Apparatus for forming axle housings. W. E. Schirmer. 2,219,023; Oct. 22.
Apparatus for forming bags. C. F. and I. E. Schultz. 2,195,583; Apr. 2.
Apparatus for forming cutting dies. S. Leskiewicz. 2,195,537; Apr. 2.
Apparatus for forming external threads in a workpiece. G. H. Hagerman. 2,189,868; Feb. 13.
Apparatus for forming fabric structures. A. Martin. 2,214,378; Sept. 10.
Apparatus for forming film. E. F. Izard. 2,198,621; Apr. 30.
Apparatus for forming gears. J. M. Christman. 2,206,450; July 2.
Apparatus for forming master cams. A. L. Nelson. 2,191,898; Feb. 27.
Apparatus for forming metal bodies. J. A. Johnson. 2,196,262; Apr. 9.
Apparatus for forming metal parts. E. J. Greif. 2,225,988; Dec. 24.
Apparatus for forming metal slugs. A. H. Gaess. Re. 21,315; Jan. 9.
Apparatus for forming sheet metal. H. E. Guerin. 2,190,659; Feb. 20.
Apparatus for forming sprue tube sockets. H. F. Hagemeyer. 2,198,498; Apr. 23.
Apparatus for forming sticks or ribbons of chewing gum or the like. F. A. Garbutt. 2,224,430; Dec. 10.
Apparatus for forming stopcock barrels. C. G. Anastor. 2,204,542; June 18.
Apparatus for forming tapered concrete piles. S. G. Ruddell and T. Fraser. 2,217,258; Oct. 8.
Apparatus for forming thermometer scales. J. F. Greene. 2,220,096; Nov. 5.
Apparatus for forming three dimensional images. L. H. Surbeck. 2,189,374; Feb. 6.
Apparatus for forming toothed elements. H. L. Barter and J. M. Christman. 2,206,443; July 2.
Apparatus for freezing berries. A. R. Fisher. 2,200,331; May 14.
Apparatus for furnishing audible information. A. R. Johnson and C. E. Watson. 2,216,114; Oct. 1.
Apparatus for gas turbines. G. Jendrassik. 2,213,939; Sept. 3.
Apparatus for gaseous solvent extraction. H. W. F. Lorenz. 2,194,708; Mar. 26.
Apparatus for gasifying finely divided granular fuel. A. Rozinek. 2,222,044; Nov. 19.
Apparatus for gasifying liquid fuel. A. O. Hinsch. 2,219,522; Oct. 29.
Apparatus for geophysical exploration. T. Zuschlag. 2,202,885; June 4.
Apparatus for glazing glassware. C. T. and C. O. Stewart. 2,209,252; July 23.
Apparatus for grinding. C. H. Kidwell and N. N. K. Stephanoff. 2,219,011; Oct. 22.
Apparatus for grooving rubber applicator rolls. H. Galber. 2,188,456; Jan. 30.
Apparatus for group package forming. J. P. McHugh. 2,209,840; July 30.
Apparatus for guiding and stabbing successive sections of oil or gas well casing. J. B. Graham and R. G. Mayer. 2,206,185; July 2.
Apparatus for half-soling heels. W. Lookofsky. 2,204,965; June 18.
Apparatus for hand weaving. H. S. and R. M. H. Clark. 2,209,597; July 30.
Apparatus for handling and burning coal. H. C. Carter. 2,224,760; Dec. 10.
Apparatus for handling chewing gum. J. W. Bowman. 2,215,575; Sept. 24.
Apparatus for handling coal. M. A. Matthews. 2,191,322; Feb. 20.
Apparatus for handling coils of wire. R. C. Pierce. 2,206,121; July 2.
Apparatus for handling magnetic sheets and the like. R. E. Carter. 2,193,162; Mar. 12.
Apparatus for handling material. A. C. Nystrom and L. O. Reichelt. 2,219,196; Oct. 22.
Apparatus for handling propeller blade blanks. E. F. Gehret. 2,221,539; Nov. 12.
Apparatus for handling strand materials. E. E. Newton and H. P. Ray. 2,224,001; Dec. 3.
Apparatus for handling strands. W. C. Ewaldson and H. Kress. 2,201,288; May 21.
Apparatus for handling strands. B. K. Ford. 2,222,286–7; Nov. 19.
Apparatus for handling strip material. H. E. Van Derhoef and A. E. Brooks. 2,226,187; Dec. 24.
Apparatus for handling strip metals. C. A. Bollinger and F. K. Schefe. 2,221,468; Nov. 12.
Apparatus for handling thread or the like. W. F. Knebusch and A. H. Burkholder. 2,188,905; Feb. 6.
Apparatus for handling vegetables or the like. F. C. Davis. 2,219,809; Oct. 29.
Apparatus for hardening camshafts and the like. J. D. Judge. 2,215,724; Sept. 24.
Apparatus for hardening gears, gear teeth and other articles. C. W. Derhammer. 2,189,460; Feb. 6.
Apparatus for heat treating. J. L. Pearson. 2,191,133; Feb. 20.
Apparatus for heat-treating gun bores. H. E. Somes. 2,208,607; July 23.
Apparatus for heat-treating metal bodies. R. B. White. 2,224,007; Dec. 3.
Apparatus for heat treating strip metal. W. R. Webster. 2,201,417; May 21.
Apparatus for heating. F. N. Welch. 2,203,425; June 4.
Apparatus for heating. J. C. Woodson. 2,201,386; May 21.
Apparatus for heating fluids. L. Wilson and J. C. Woodson. 2,206,378; July 2.
Apparatus for identifying X-ray film. M. B. Evans. 2,222,022; Nov. 19.
Apparatus for igniting solid fuel. A. J. Johnson and W. K. Staley. 2,210,720; Aug. 6.
Apparatus for impregnating logs. H. R. Madison. 2,186,118; Jan. 9.
Apparatus for improving the operation of apparatus subject to conditions of high pressure and temperature. R. H. S. Abbott. 2,223,504; Dec. 3.
Apparatus for indicating leakage in valves. C. H. Thayer and T. B. Prickett. 2,200,310; May 14.
Apparatus for indicating the position of devices in pipes. E. P. Halliburton. 2,201,311; May 21.
Apparatus for indicating the presence of inflammable vapors or gases. H. T. Ringrose. 2,201,055; May 14.
Apparatus for indicating viscosity. L. A. Mapel. 2,194,605; Mar. 26.
Apparatus for indirect transfusion and venoclysis. E. A. Ravenscroft and R. E. Jordan. 2,214,260; Sept. 10.
Apparatus for inhibiting tar polymerization. A. Cibulka and M. W. Mayer. 2,187,708; Jan. 16.
Apparatus for inserting sticks into frozen confections. W. S. Watts and E. L. Elwell. 2,212,381; Aug. 20.
Apparatus for intensification of weak radiations. H. Arens and K. van Briessen. 2,225,439; Dec. 17.
Apparatus for intermittently operating electrical load devices. S. Feingold. 2,221,867; Nov. 19.
Apparatus for intermittently operating gaseous electric devices. S. Feingold. 2,208,125; July 16.
Apparatus for internally stripping can body side seams. C. J. Aulbach. 2,206,801; July 2.
Apparatus for introducing gases into liquids. K. Boedeker and O. Köhler. 2,223,348; Dec. 3.
Apparatus for investigating heart action. S. Heller. 2,214,299; Sept. 10.
Apparatus for irradiation. G. C. Supplee and M. J. Dorcas. 2,195,322; Mar. 26.
Apparatus for joining metal members. H. E. Rockefeller. 2,214,031; Sept. 10.
Apparatus for joining successive strip lengths. D. A. McArthur. 2,219,049; Oct. 22.
Apparatus for laying highway marking tape. W. W. O'Neal. 2,192,290; Mar. 5.
Apparatus for laying submarine cables. C. S. Lawton. 2,202,156; May 28.
Apparatus for light control. Ö. Riszdorfer. 2,193,325; Mar. 12.
Apparatus for light control. Ö. Riszdorfer. 2,194,031; Mar. 19.
Apparatus for linking pipes. C. E. Bennett. 2,204,785; June 18.
Apparatus for liquefying gases. P. Hadamovsky. 2,194,654; Mar. 26.

Apparatus for loading coal. C. R. Stahl and K. Davis. 2,195,544; Apr. 2.
Apparatus for logging holes while drilling. B. P. Bishop. 2,214,786; Sept. 17.
Apparatus for maintaining a desired speed relation between two shafts. W. Graf. 2,219,838; Oct. 29.
Apparatus for maintaining perishable articles in fresh condition. W. A. Reich and C. H. Smallwood. 2,218,488; Oct. 15.
Apparatus for making articles such as glassware. D. I. Du Bois. 2,224,767; Dec. 10.
Apparatus for making bars of ice cream or the like. A. C. Routh. 2,188,418; Jan. 30.
Apparatus for making bead cores for pneumatic tires. F. J. Shook. 2,190,805; Feb. 20.
Apparatus for making blueprints. H. J. Brunk. 2,219,619; Oct. 29.
Apparatus for making bobbin core tubes. L. C. Deane. 2,203,255; June 4.
Apparatus for making cigarettes. A. Podmore. 2,219,491; Oct. 29.
Apparatus for making composite wrapping material. G. H. Friend, Jr. 2,213,957; Sept. 10.
Apparatus for making containers. C. S. Berkstresser. 2,202,082; May 28.
Apparatus for making decorative fabric. T. E. Carroll. 2,200,327; May 14.
Apparatus for making decoratively covered heels. G. W. Howlett. 2,194,702; Mar. 26.
Apparatus for making dental records. A. J. Kunze. 2,185,508; Jan. 2.
Apparatus for making dried products. J. F. Dietrich. 2,211,740; Aug. 13.
Apparatus for making electrical surveys of boreholes. J. C. Karcher. 2,199,705; May 7.
Apparatus for making extractions from organic substances. L. J. Schwanke. 2,207,828; July 16.
Apparatus for making grids. J. A. Lackey. 2,188,906; Feb. 6.
Apparatus for making hollow glass blocks. H. H. Blau. 2,191,953; Feb. 27.
Apparatus for making insulated electro-magnetics. E. H. Branson. 2,201,130; May 14.
Apparatus for making interstitial aggregates. A. H. Stewart. 2,194,814; Mar. 26.
Apparatus for making metal sponge. F. D. Moran. 2,196,076; Apr. 2.
Apparatus for making meteorological observations. L. F. Curtiss and A. V. Astin. 2,216,161; Oct. 1.
Apparatus for making of contact copies of films. F. Busse. 2,205,615; June 25.
Apparatus for making paper. C. E. Youngchild. 2,222,469; Nov. 19.
Apparatus for making photographic contact prints. O. Steiner. 2,224,839; Dec. 10.
Apparatus for making photoprints. W. H. Morgan. 2,200,719; May 14.
Apparatus for making pipe or tubing. J. L. Anderson. 2,223,438; Dec. 3.
Apparatus for making piston rings. J. T. Roberts. 2,197,058; Apr. 16.
Apparatus for making playing ball centers. J. R. Gammeter. 2,223,019; Nov. 26.
Apparatus for making roofing granules. C. L. Colbert. 2,202,090; May 28.
Apparatus for making separable fasteners. E. O. Seaver. 2,207,600; July 9.
Apparatus for making shoe shanks. P. Riccobene. 2,195,497; Apr. 2.
Apparatus for making shoes. J. M. Rohrer. 2,212,552; Aug. 27.
Apparatus for making slivers or the like. C. Siegfried. 2,202,030; May 28.
Apparatus for making tea bags, coffee bags, and the like. R. N. Doble. 2,210,114; Aug. 6.
Apparatus for making tiles from clay products. R. M. Flores. 2,200,270; May 14.
Apparatus for making toothed cutters and the like. J. H. Howard. 2,190,360; Feb. 13.
Apparatus for making up, packing, and sealing cartons. C. W. Hartmann. 2,212,472; Aug. 20.
Apparatus for making welded pipes and tubes. J. L. Anderson. 2,197,962; Apr. 23.
Apparatus for making welded wire netting. W. Krämer. 2,187,129; Jan. 16.
Apparatus for making wrought metal tubes. J. E. Gray, A. P. Devereaux, and W. M. Parker. 2,203,868; June 11.
Apparatus for manufacture of cardboard and like boxes. E. L. Bishop. 2,220,390; Nov. 5.
Apparatus for manufacture of mineral wool. D. C. Drill. 2,219,384; Oct. 29.
Apparatus for manufacture of self-locking nuts. C. A. Swanstrom. 2,217,715; Oct. 15.
Apparatus for manufacture of tobacco articles. G. Davidson. 2,205,943; June 25.
Apparatus for manufacturing alloy ingots. R. K. Hopkins. 2,191,480; Feb. 27.
Apparatus for manufacturing bottles. D. O. Headley. 2,226,905; Dec. 31.
Apparatus for manufacturing carbon dioxide. J. B. Kessel and F. Lessing. 2,221,520; Nov. 12.
Apparatus for manufacturing compound molded bodies. L. Nast. 2,226,408; Dec. 24.

Apparatus for manufacturing compressed fluid containers. L. Yejeski. 2,189,852; Feb. 13.
Apparatus for manufacturing condenser electrodes. W. L. L. Vivie. 2,203,315; June 4.
Apparatus for manufacturing fiberboard. H. A. Sheesley. 2,222,633; Nov. 26.
Apparatus for manufacturing finned structures. L. U. Larkin. 2,218,115; Oct. 15.
Apparatus for manufacturing glass wool. J. H. Thomas. 2,192,944; Mar. 12.
Apparatus for manufacturing inked ribbons. F. A. Waldron. 2,203,241; June 4.
Apparatus for manufacturing insulated wire or the like. J. R. Stricklen. 2,218,138; Oct. 15.
Apparatus for manufacturing pipes from a cementitious composition. J. Ferla. 2,200,268; May 14.
Apparatus for manufacturing shoes. M. P. Medwick and A. D. Basch. 2,221,841; Nov. 19.
Apparatus for manufacturing thread or the like. H. B. Kline, W. F. Knebusch, and A. H. Burkholder. 2,225,640; Dec. 24.
Apparatus for manufacturing Venetian blinds. S. Hammer. 2,211,620; Aug. 13.
Apparatus for marking leather, textile, or paper fabrics, or other suitable material. W. J. Hill. 2,199,822; May 7.
Apparatus for measuring accelerations and retardations. G. W. P. van der Heiden. 2,198,278; Apr. 23.
Apparatus for measuring and delivering gas quantities reduced to a normal condition. P. Rheinlander. 2,206,618; July 2.
Apparatus for measuring and/or delivering fluids. G. D. Harrison. 2,223,684; Dec. 3.
Apparatus for measuring and supervising the heart action. S. Strauss and L. Weisglass. 2,193,945; Mar. 19.
Apparatus for measuring fluid pressure. K. W. Fieber. 2,203,460; June 4.
Apparatus for measuring high pressures. O. Hoffmann and W. Francke. 2,222,259; Nov. 19.
Apparatus for measuring humidity. R. M. Buffington and G. K. Ashby. 2,189,855; Feb. 13.
Apparatus for measuring potentials. S. B. Young. 2,201,659; May 21.
Apparatus for measuring rate of precipitation. P. M. Ross. 2,213,888; Sept. 3.
Apparatus for measuring short-wave rays. A. Trost. 2,222,452; Nov. 19.
Apparatus for measuring the color of light. K. van Briessen and J. Eggert. 2,203,036; June 4.
Apparatus for measuring the thickness of coils. L. Urmenyi. 2,189,092; Feb. 6.
Apparatus for measuring ultraviolet radiations. T. R. Porter and W. L. Sullivan. 2,200,853; May 14.
Apparatus for measuring viscosity. E. S. L. Beale. 2,209,755; July 30.
Apparatus for measuring well depths and well strings. J. T. Hayward and E. H. Cooley. 2,221,767; Nov. 19.
Apparatus for mechanically and electrically connecting conductors carrying high frequency currents. W. Pupp. 2,226,479; Dec. 24.
Apparatus for melting fusible materials. E. Pemberton. 2,211,026; Aug. 13.
Apparatus for metal removal. A. Oberhoffken and J. M. Strachan. 2,193,840; Mar. 19.
Apparatus for mineral separation. E. and K. Kreher. 2,217,687; Oct. 15.
Apparatus for mixing. W. L. Simpson. 2,209,287; July 23.
Apparatus for mixing and sterilizing solids. S. Ish-Shalom. 2,193,004; Mar. 12.
Apparatus for mixing farinaceous or pulverous materials by means of compressed air. P. Goebels. 2,205,525; June 25.
Apparatus for mixing fluids. E. W. Gard and B. G. Aldridge. 2,205,089–90; June 18.
Apparatus for mixing gas and liquid. O. P. Hagist. 2,212,598; Aug. 27.
Apparatus for mixing materials. F. L. Craddock. 2,195,511; Apr. 2.
Apparatus for mixing materials. S. Ish-Shalom. 2,193,005; Mar. 12.
Apparatus for mixing molding sand. A. C. Christensen. 2,223,018; Nov. 26.
Apparatus for moistening soles. C. H. Heather and C. M. Bagshaw. 2,226,769; Dec. 31.
Apparatus for molding. M. E. Toman. Re. 21,461; May 21.
Apparatus for molding and otherwise handling plastic material. J. Benz. 2,211,638; Aug. 13.
Apparatus for molding brick steps. P. Otto. 2,190,801; Feb. 20.
Apparatus for molding plastic articles. C. C. Webb. 2,225,672; Dec. 24.
Apparatus for molding plastic materials. L. D. Soubier and J. R. Hoge. 2,218,456; Oct. 15.
Apparatus for molding plastic objects of irregular shape. C. H. O'Koomian. 2,200,634; May 14.
Apparatus for molding slide fastener teeth. P. De Mattia. 2,197,968; Apr. 23.
Apparatus for mounting basketball backboards. E. G. Osness. 2,219,528; Oct. 29.
Apparatus for mounting flexible sheets. W. Johnson. 2,193,928; Mar. 19.
Apparatus for moving sliding partitions, windows, and the like. G. S. Piper. 2,187,095; Jan. 16.

Apparatus for multiphase vibration. R. W. Baily. 2,204,007; June 11.
Apparatus for necking in the ends of containers. R. E. Harwood. 2,189,004; Feb. 6.
Apparatus for nesting flat drinking cups. S. W. Henry. 2,206,228; July 2.
Apparatus for numbering or marking light-sensitive photographic papers. F. Busse. 2,205,516; June 25.
Apparatus for observing cinematographic bands. L. Damblanc. 2,206,476; July 2.
Apparatus for obtaining core from rotary core-boring. K. Nishio. 2,218,295; Oct. 15.
Apparatus for obtaining uniform superheating temperatures with various boiler loads. H. Vorkauf. 2,226,270; Dec. 24.
Apparatus for operating a well cable. E. J. Basye. 2,193,668; Mar. 12.
Apparatus for operating cascade systems. G. H. Zenner. 2,219,673; Oct. 29.
Apparatus for operating direct current electric arcs. L. Heer and P. Baumann. 2,215,875; Sept. 24.
Apparatus for operating doors. S. S. Roby. 2,208,564; July 23.
Apparatus for operating on coiled sheet material. L. A. Yoder. 2,202,883; June 4.
Apparatus for operating on strand or strip material. N. H. Nye. 2,205,537; June 25.
Apparatus for operating upon heel-portions of shoes. F. A. Eich. 2,200,386; May 14.
Apparatus for operating upon heels. A. Madow. 2,194,093; Mar. 19.
Apparatus for operating vehicle controls. H. W. Struck. 2,206,586; July 2.
Apparatus for ore treatment. A. W. Morris. 2,219,427; Oct. 29.
Apparatus for orienting cores. J. M. Pearson. 2,217,768; Oct. 15.
Apparatus for orienting models in the construction of dentures. J. A. Lentz. 2,219,559; Oct. 29.
Apparatus for packaging beverages. R. J. Stewart. 2,204,832; June 18.
Apparatus for pasteurizing liquids. R. Seligman. 2,201,056; May 14.
Apparatus for perforating material. G. L. Alward and C. T. Lear. 2,208,693; July 23.
Apparatus for perforating metal plates or the like. W. J. Mair and C. C. Rutbell. 2,213,566; Sept. 3.
Apparatus for perforating sheet material. L. B. Eaton. 2,218,674; Oct. 22.
Apparatus for photographic image production. P. S. Smith. 2,207,419; July 9.
Apparatus for photographing documents. F. E. Oiler. 2,201,009; May 14.
Apparatus for photography in relief with or without color. A. H. J. de L. Saint Genies. 2,202,354; May 28.
Apparatus for picking cotton. H. P. Luhn. 2,204,092; June 11.
Apparatus for pickling and cleaning strip metal. F. J. Wood. 2,192.051; Mar. 12.
Apparatus for pitting fruit. P. Jepson. 2,192,444; Mar. 5.
Apparatus for placement of concrete. R. W. Baily. 2,224,506; Dec. 10.
Apparatus for placing concrete or other materials. G. F. Swarthout. 2,215,888; Sept. 24.
Apparatus for platting line maps from aerial photographs. E. H. Corlett. 2,196,723; Apr. 9.
Apparatus for playing an indoor game. G. G. Bull. 2,211,297; Aug. 13.
Apparatus for pointing elongated material. S. H. Johnston. 2,221,239; Nov. 12.
Apparatus for polishing and cleaning plastic articles. L. G. Hileman, S. T. Moreland and J. B. Potoczky. 2,210,584; Aug. 6.
Apparatus for polishing sheets. D. D. Johnston. 2,199,135; Apr. 30.
Apparatus for pouring metal into molds. H. B. Hanson. 2,225,173; Dec. 17.
Apparatus for pouring molten metal. L. W. Bahney and A. H. Horswell. 2,195,071; Mar. 26.
Apparatus for power flow control. D. V. Waters. 2,220,983; Nov. 12.
Apparatus for power generation. D. J. Campbell. 2,196,979; Apr. 16.
Apparatus for preparing a film strip for the inspection of a series of consecutive impressions of light on the sensitive layer of same. H. G. Lundegårdh. 2,221,055; Nov. 12.
Apparatus for preparing artichokes. H. E. Gray and A. M. Erickson. 2,217,679; Oct. 15.
Apparatus for preparing cord for making articles such as pneumatic tires, belts, and the like. C. C. Cadden. 2,218,504; Oct. 22.
Apparatus for preparing flatwork for ironing. C. E. Hamilton, Sr. 2,220,102; Nov. 5.
Apparatus for preparing granular coffee. E. G. Berry, A. J. Hazle, Jr., and W. M. Williams. 2,202,891; June 4.
Apparatus for preparing granular coffee. A. J. Hazle, Jr. 2,204,591; June 18.
Apparatus for preparing infusions. M. Felix. 2,216,738; Oct. 8.
Apparatus for preparing inner trim panels. C. W. Avery. 2,199,062; Apr. 30.
Apparatus for preparing photoengraving plates. A. H. Gaebel. 2,218,165; Oct. 15.
Apparatus for preparing skelp for welding. H. G. Titus. 2,229,182; Nov. 5.
Apparatus for preserving corrosion. K. H. Hoover. 2,209,920; July 30.
Apparatus for preshrinking textile fabrics. G. Schlenk. 2,214,087; Sept. 10.
Apparatus for pressing curved safety glass. W. Owen. 2,202,670; May 28.
Apparatus for preventing condensation in gas mains. K. Koller. 2,192,011; Feb. 27.
Apparatus for preventing ice formation on airplane surfaces. L. Y. Booharin. 2,217,979; Oct. 15.
Apparatus for preventing raising of dust and splashing of mud by automobiles. Z. Ishiwata. 2,199,883; May 7.
Apparatus for preventing stalling of carburetor engines. R. Linder. 2,211,336; Aug. 13.
Apparatus for printing. J. M. Downs. 2,218,282; Oct. 15.
Apparatus for printing motion picture films. F. T. O'Grady. 2,207,103; July 9.
Apparatus for printing on the adhesive side of an adhesive covered material. B. Bronfman. 2,223,907; Dec. 3.
Apparatus for printing works. W. Stolle. 2,219,852; Oct. 29.
Apparatus for processing cord tire fabric. M. G. Anderson and E. D. George. 2,217,607; Oct. 8.
Apparatus for processing textiles. G. W. Steiger. 2,194,877; Mar. 26.
Apparatus for processing thread or the like. W. F. Knebusch. 2,225,641; Dec. 24.
Apparatus for producing a current. J. F. Rougvie. 2,224,275; Dec. 10.
Apparatus for producing a uniform sliver of continuous rayon filaments. H. van Beek, E. Wörn, K. Lohmann, and R. Jesse. 2,215,112; Sept. 17.
Apparatus for producing a uniform tension in winding devices. M. Bretschneider. 2,190,529; Feb. 13.
Apparatus for producing activated carbonaceous materials. O. Heller. 2,205,011; June 18.
Apparatus for producing alimentary paste products. J. De Francisci. 2,223,351; Dec. 3.
Apparatus for producing alkali silicates. P. W. Soderberg. 2,211,734; Aug. 13.
Apparatus for producing amorphous forms of normally crystalline salts. W. J. Lawrence and A. C. Dreshfield. 2,215,183; Sept. 17.
Apparatus for producing and storing carbonated water. C. P. Deibel. 2,201,430; May 21.
Apparatus for producing artificial respiration. R. M. McMillin. 2,223,570; Dec. 3.
Apparatus for producing calcium sulphite. G. Haywood. 2,191,467; Feb. 27.
Apparatus for producing carbon-black. C. G. Keeton. 2,212,501; Aug. 27.
Apparatus for producing composite metal articles. R. K. Hopkins. 2,191,478; Feb. 27.
Apparatus for producing endless coil structures. A. Dörr. 2,209,114; July 23.
Apparatus for producing fog streams. J. T. Corley. 2,209,323; July 30.
Apparatus for producing gas from carbon containing materials. N. H. Freeman. 2,203,137; June 4.
Apparatus for producing hollow glass articles. L. D. Soubier. 2,215,984; Sept. 24.
Apparatus for producing images. J. Z. Deninson. 2,214,013; Sept. 10.
Apparatus for producing light of variable color effects. J. A. Hansson. 2,194,899; Mar. 26.
Apparatus for producing molded pulp articles. C. Stack. 2,203,343; June 4.
Apparatus for producing oil. V. H. Gilliland and J. J. Graham. 2,194,017; Mar. 19.
Apparatus for producing oil from subsurface deposits. R. A. Aucoin. 2,213,372; Sept. 3.
Apparatus for producing one-piece multifocal ophthalmic lenses. L. L. Houchin. 2,208,527; July 16.
Apparatus for producing photographs. G. P. Grant, Jr. 2,196,586; Apr. 9.
Apparatus for producing printing plates. M. C. Taylor. 2,218,012; Oct. 15.
Apparatus for producing rayon staple fibers from continuous rayon filaments. W. Rodenacker and E. Baumann. 2,207,383; July 9.
Apparatus for producing reinforced concrete structures. J. E. Miller. 2,210,553; Aug. 6.
Apparatus for producing staple fiber. E. Hamel. 2,227,186; Dec. 31.
Apparatus for producing steroscopic pictures. R. J. Levy. 2,223,630; Dec. 3.
Apparatus for producing weakened scored portions in strip material. R. I. Humphrey. 2,222,842; Nov. 26.
Apparatus for producing wound packages. J. T. Kline. 2,214,332; Sept. 10.
Apparatus for production of artificial filaments. G. A. M. Heim. 2,220,403; Nov. 5.
Apparatus for progressive heat treatment. F. S. Denneen and W. C. Dunn. 2,202,758; May 28.
Apparatus for projecting cinematographic images carried on disks. R. Levy. 2,203,437; June 4.
Apparatus for projecting granular material. J. Jacobovics. 2,188,716; Jan. 30.

Apparatus for projection of molten pulverized bodies. F. P. C. Benoit. 2,190,326; Feb. 13.
Apparatus for protecting oil distribution means at harbors. W. W. Macfarren. 2,224,844; Dec. 17.
Apparatus for protecting surfaces from ice formation. E. F. Field. 2,200,838; May 14.
Apparatus for protecting vegetation. J. A. Brewster. 2,223,597; Dec. 3.
Apparatus for pulling over shoe uppers. J. M. Rohrer. 2,212,553; Aug. 27.
Apparatus for pulverizing materials. C. S. Ramsey. 2,196,642; Apr. 9.
Apparatus for pumping and separating gas and liquid bodies. J. D. Lear. 2,223,112; Nov. 26.
Apparatus for purifying water. O. R. Morton. 2,223,634; Dec. 3.
Apparatus for railway train communication systems. W. P. Place. 2,221,654; Nov. 12.
Apparatus for raising liquids. D. Gollner. 2,207,318; July 9.
Apparatus for raising liquids. P. C. and K. C. Norman. 2,192,480; Mar. 5.
Apparatus for reacting nitric acid and a metal chloride. A. F. Keane and H. A. Beekhuis, Jr. 2,212,835; Aug. 27.
Apparatus for reclaiming material such as powder or flock. W. B. Thompson. 2,211,800; Aug. 20.
Apparatus for recording and reproducing sound. J. H Tieland. 2,185,933; Jan. 2.
Apparatus for recording respiratory and circulatory conditions. T. Bradford. 2,196,909; Apr. 9.
Apparatus for recording sound on thin disks. L. Thompson. 2,200,866; May 14.
Apparatus for recording telephone call charges. M. Mathias. 2,211,754; Aug. 20.
Apparatus for recovering gasoline and the like. G. G. Urquhart. 2,194,680; Mar. 26.
Apparatus for recovering glycerin. B. Clayton. 2,218,279; Oct. 15.
Apparatus for recovering implements from wells. L. V. Mallory. 2,218,337; Oct. 15.
Apparatus for recovering oil from exhaust mixtures. H. I. Stoltz. 2,201,961; May 21.
Apparatus for recovering precious metals. E. F. Kingsley. 2,204,018; June 11.
Apparatus for rectifying alternating currents. G. Slayter. 2,202,873; June 4.
Apparatus for rectifying or for converting alternating or direct current. F. Kesselring. 2,215,471; Sept. 24.
Apparatus for rectifying traveling strips. S. Cohn and J. G. Walter. 2,198,656; Apr. 30.
Apparatus for reducing frictional resistance of liquid on floating bodies. J. Rinne. 2,218,938; Oct. 22.
Apparatus for reducing tubular blanks. J. H. Gettig and G. Spatta. 2,203,956; June 11.
Apparatus for refining or catalytic treatment. R. Pyzel. 2,212,043; Aug. 20.
Apparatus for refining used lubricating oil. C. E. Holt. 2,202,657; May 28.
Apparatus for refueling aircraft in the air. A. J. Cobham, H. C. Johnson, and P. R. Allison. 2,199,588; May 7.
Apparatus for regulating a condition. E. X. Schmidt. 2,203,472; June 4.
Apparatus for regulating the consistency of pulp or stock. H. G. Cram. 2,210,027; Aug. 6.
Apparatus for regulating the density of solutions. F. W. Thorold. 2,226,954; Dec. 31.
Apparatus for regulating viscosity. C. A. Bailey. 2,208,444; July 16.
Apparatus for relieving cutters. E. Wildhaber. 2,192,370; Mar. 5.
Apparatus for remote automatic readjustable air stream control for unit ventilators. J. McElgin. 2,216,350; Oct. 1.
Apparatus for removal of surface metal from slabs, billets or the like. J. L. Anderson. 2,200,816; May 14.
Apparatus for removing articles from molds. K. Bratring. 2,217,213; Oct. 8.
Apparatus for removing carbon and other deposits from internal combustion engines. G. Hoefle. 2,201,774; May 21.
Apparatus for removing condensate from pipe-lines. L. G. and V. I. Hooper. 2,186,923; Jan. 9.
Apparatus for removing dust from air or other gases. L. Bernstein. 2,215,574; Sept. 24.
Apparatus for removing foreign material from air. F. A. Schmieg. 2,192,332; Mar. 5.
Apparatus for removing foreign particles. F. S. Smith. 2,227,280; Dec. 31.
Apparatus for removing fumes and solids in metal skinning equipment. O. P. Adams and J. M. Evans. 2,218,141; Oct. 15.
Apparatus for removing liquid from tires. C. E. Snyder. 2,222,047; Nov. 19.
Apparatus for removing liquids from wells. T. E. Bryan. 2,217,305; Oct. 8.
Apparatus for removing shale, coal, and like from gravel. C. I. Leveke. 2,216,371; Oct. 1.
Apparatus for removing surface metal from metallic bodies. J. H. Bucknam. 2,203,211; June 4.
Apparatus for removing surface metal from metallic bodies. H. W. Jones and E. A. Doyle. 2,223,451; Dec. 3.
Apparatus for rendering and extraction. T. K. Lowry. 2,199,670; May 7.
Apparatus for renewing the ice surface in rinks. T. W. Cluff. 2,225,207; Dec. 17.
Apparatus for replacing cathodes. K. Krause. 2,218,886; Oct. 22.
Apparatus for reproducing movement. C. F. Wallace 2,185,482; Jan. 2.
Apparatus for resetting rail anchor jaws. L. J. Denz and A. Daniels. 2,195,450; Apr. 2.
Apparatus for retaining contact masses in tubular elements. M. F. Perkins. 2,203,840; June 11.
Apparatus for retreading vehicle tires. P. D. Wilson. 2,205,939; June 25.
Apparatus for ripening tomatoes. F. J. Reilly and M. H. Connell. 2,226,480; Dec. 24.
Apparatus for road building. E. B. Jorgensen. 2,201,493; May 21.
Apparatus for rolling sheet metal. G. R. Goldthwaite. 2,219,207; Oct. 22.
Apparatus for rubbing or brushing fruit and the like. T. G. Cunning. 2,199,831; May 7.
Apparatus for rubbing or brushing fruit and the like. B. C. Skinner. 2,199,827; May 7.
Apparatus for sampling liquids. R. A. Moroney. 2,196,681; Apr. 9.
Apparatus for sand blasting ceramic ware. J. A. Bower. 2,195,810; Apr. 2.
Apparatus for scrubbing and polishing strip metal. J. M. Hughes, S. W. Russell, and G. S. Warren. 2,218,913; Oct. 22.
Apparatus for scrubbing rugs, floors, and the like. J. D. Conway. 2,217,617; Oct. 8.
Apparatus for sealing cartons. H. S. Fox and K. W. Emerson. 2,203,900; June 11.
Apparatus for sealing cartons. F. N. Todd and K. W. Emerson. 2,203,901; June 11.
Apparatus for sealing containers. W. D. Bell. 2,198,589; Apr. 30.
Apparatus for sealing folders, booklets, or like articles. T. C. McNeil. 2,191,535; Feb. 27.
Apparatus for selective coating of articles. R. E. Burk. 2,197,742; Apr. 16.
Apparatus for separating and cleaning materials. E. Stump. Re. 21,682; Dec. 31.
Apparatus for separating gas from liquid. R. S. Bassett. 2,217,655; Oct. 15.
Apparatus for separating materials. J. A. Traylor. 2,221,008; Nov. 12.
Apparatus for separating materials of different specific weights. R. Maier. 2,207,326; July 9.
Apparatus for separating minerals. M. Constant. 2,212,467; Aug. 20.
Apparatus for separating powdered material. N. Ahlmann. 2,212,819; Aug. 27.
Apparatus for separating water and salt from steam. W. Rieger and O. H. Hartmann. 2,194,151; Mar. 19.
Apparatus for separating water from oil. G. L. Adams, R. G. Barlow, and A. Shapiro. 2,224,624; Dec. 10.
Apparatus for serving frozen confection products. H. K. Johnson. 2,209,979; Aug. 6.
Apparatus for setting poles. W. H. Pyeatt. 2,215,935; Sept. 24.
Apparatus for setting stages. C. R. Brown. 2,209,596; July 30.
Apparatus for shearing. C. J. Klein and E. W. Rieger. 2,195,535; Apr. 2.
Apparatus for shearing molten glass. F. L. O. Wadsworth. 2,202,409; May 28.
Apparatus for shelling nuts. P. Dragon. 2,220,320; Nov. 5.
Apparatus for shooting wells. O. C. Mays. Re. 21,444; May 7.
Apparatus for silencing and separating solid particles from pulsating gas streams. A. S. Chipley. 2,196,491; Apr. 9.
Apparatus for simultaneously cutting a plurality of confectionery products. W. J. Taylor and C. A. Hennessy. 2,204,519; June 11.
Apparatus for simultaneously measuring two magnitudes through a common line section. W. Geyger. 2,210,936; Aug. 13.
Apparatus for slicing bread. A. A. Kottmann. 2,225,600; Dec. 17.
Apparatus for slicing meat. J. Erb. 2,199,589; May 7.
Apparatus for slicing meats and other food products. E. J. Neary. 2,207,754; July 16.
Apparatus for slitting lithographed metal sheets. W. G. Plumb. 2,224,086; Dec. 3.
Apparatus for slitting rubber articles. J. F. Skold. 2,213,721; Sept. 3.
Apparatus for smoking frankfurters. H. Maass. 2,219,135; Oct. 22.
Apparatus for soldering and striping can seams. W. M. Holloway. 2,220,107; Nov. 5.
Apparatus for solving mathematic problems. N. Garrett. 2,210,938–9; Aug. 13.
Apparatus for solving siesmographic problems. J. F. Anderson. 2,217,720; Oct. 15.
Apparatus for sorting granular materials. D. C. Turnbull. 2,224,169; Dec. 10.
Apparatus for sound recordation. O. M. Dunning and C. T. Jacobs. 2,200,918; May 14.
Apparatus for spinning centrifugal molds. H. H. Farr. 2,217,837; Oct. 15.

Apparatus for spot-hardening. E. R. Piercy. 2,193,770; Mar. 12.
Apparatus for spraying and casing wells. E. R. Cameron, Sr. 2,207,478; July 9.
Apparatus for spraying liquid fuel into a combustion chamber having the required turbulence. J. W. Smith. 2,186,216; Jan. 9.
Apparatus for stacking closure fasteners. F. Redman. 2,198,950; Apr. 30.
Apparatus for staining specimens. S. Rosenthal. 2,186,432; Jan. 9.
Apparatus for stapilizing yarn. H. R. Buckley and F. W. Schulte. 2,196,975; Apr. 16.
Apparatus for starting an electric spark. T. Shimizu and M. Hirata. 2,220,551; Nov. 5.
Apparatus for steeping cellulose. W. Grötzinger. 2,220,600; Nov. 5.
Apparatus for stenciling articles. D. G. Rempel. 2,206,854; July 2.
Apparatus for sterilizing toothpicks or the like. C. Eckert. 2,210,318; Aug. 6.
Apparatus for stirring molten metal. F. R. Muller and W. T. Monson. 2,195,092; Mar. 26.
Apparatus for storing stacked articles. W. J. Gibbs. 2,226,308; Dec. 24.
Apparatus for stowing rock in a coal mine. F. Cartlidge. 2,196,659; Apr. 9.
Apparatus for stowing rock in a coal mine. T. E. Pray. 2,205,124; June 18.
Apparatus for straightening woven material. T. M. Berry. 2,208,447; July 16.
Apparatus for subjective examination of blood. L. Schalm and J. F. Schouten. 2,209,543; July 30.
Apparatus for subjective optical testing. E. J. Lueck. 2,213,711; Sept. 3.
Apparatus for supplying gas. J. O'D. Kirwan. 2,206,845; July 2.
Apparatus for supplying gas. R. W. Sparling. 2,218,773; Oct. 22.
Apparatus for supplying reinforcements for attachment. L. S. Macdonald. 2,214,561; Sept. 10.
Apparatus for supporting articles during welding. C. A. Richardson. 2,186,708; Jan. 9.
Apparatus for surface hardening toothed wheels. H. Holler and W. Flasskamp. 2,199,313; Apr. 30.
Apparatus for surfacing inking rolls. F. Ossing. 2,213,980; Sept. 10.
Apparatus for surfacing metals. H. R. Herchenrider. 2,214,373; Sept. 10.
Apparatus for surfacing plate glass. R. D. Bole and E. A. Fusca. 2,209,505; July 30.
Apparatus for surfacing valve seats. H. G. Miller. 2,208,680; July 23.
Apparatus for taking cinematograph images. T. M. Harvey. 2,210,454; Aug. 6.
Apparatus for temperature control. C. A. Schaefer. 2,192,276; Mar. 5.
Apparatus for tempering glass. T. R. Crowley. 2,188,401; Jan. 30.
Apparatus for tempering glass. R. S. Hinsey. 2,197,550; Apr. 16.
Apparatus for tempering glass. O. H. Paddock. 2,213,405; Sept. 3.
Apparatus for tensioning tubular fabric. S. Cohn and J. G. Walter. 2,222,794; Nov. 26.
Apparatus for testing and improving articulation. M. Bly. 2,212,431; Aug. 20.
Apparatus for testing and matching shuffleboard disks. J. D. Peachey. 2,217,492; Oct. 8.
Apparatus for testing concentricity of spark plug procelains. C. C. Soper. 2,221,154; Nov. 12.
Apparatus for testing cutting tools and the like. P. P-G., Hall. 2,226,927; Dec. 31.
Apparatus for testing hardness. C. Zamboni. 2,207,502; July 9.
Apparatus for testing hardness of water. B. M. King. 2,202,346; May 28.
Apparatus for testing heat resistance of materials. R. M. Stephenson. 2,196,481; Apr. 9.
Apparatus for testing metallic articles. L. J. De Lanty. 2,215,605; Sept. 24.
Apparatus for testing oil and gas wells. C. E. Blackburn. 2,190,250; Feb. 13.
Apparatus for testing oil wells. T. B. Losey, Jr. 2,227,192; Dec. 31.
Apparatus for testing photoflash mechanism. T. M. Aiken. 2,187,409; Jan. 16.
Apparatus for testing rolls. M. D. Stone. 2,195,504; Apr. 2.
Apparatus for testing the crush strength of paper. R. J. Blum and M. W. Gilbert. 2,224,248; Dec. 10.
Apparatus for testing the quality of grain and flour. A. Kleijn. 2,221,640; Nov. 12.
Apparatus for testing tubes by impact. H. T. Lundquist and J. S. Tatnall. 2,197,585; Apr. 16.
Apparatus for testing vision. B. A. Diggins. 2,200,595; May 14.
Apparatus for the administration of gases. K. Connell. 2,216,183; Oct. 1.
Apparatus for the aeration of liquids. F. R. Maxwell. 2,212,841; Aug. 27.
Apparatus for the artificial production of climatic remedies for therapeutic treatments. L. and A. Halpern. 2,208,291; July 16.
Apparatus for the clarification and deodorization of milk and cream. H. M. McDonald. 2,207,928; July 16.
Apparatus for the comminution and disposal of waste material. J. H. Powers. 2,220,729; Nov. 5.
Apparatus for the concentration and preservation of food products and biological substances. E. W. Flosdorf. 2,215,265; Sept. 17.
Apparatus for the concentration of acids. C. L. Jones. 2,212,813; Aug. 27.
Apparatus for the concentration of sulphuric acid. H. Pauling. 2,213,847; Sept. 3.
Apparatus for the continuous distillation of liquids. E. H. V. Noaillon. 2,220,171; Nov. 5.
Apparatus for the continuous treatment of wood pulp, cellulose, and similar material with bleaching liquid, alkali, or other chemicals. J. C. F. C. Richter. 2,195,680; Apr. 2.
Apparatus for the control of highway crossing signals. C. W. Bell. 2,213,377; Sept. 3.
Apparatus for the control of highway crossing signals. P. H. Crago. 2,197,425; Apr. 16.
Apparatus for the control of highway crossing signals. R. A. McCann. 2,195,891; Apr. 2.
Apparatus for the control of highway crossing signals. H. S. Young. 2,186,794; Jan. 9.
Apparatus for the cooling of beverages. J. F. Ziglar. 2,194,582; Mar. 26.
Apparatus for the countercurrent extraction of hydrocarbon oil with a solvent. T. A. Mangelsdorf, C. T. Anné and H. I. Wilson. 2,205,986; June 25.
Apparatus for the detection of displacements. R. Gunn. Re. 21,361; Feb. 20.
Apparatus for the detection of displacements. R. Gunn. Re. 21,372; Feb. 27.
Apparatus for the development of light-sensitve material. F. W. von Meister and F. W. Andrew. 2,219,584; Oct. 29.
Apparatus for the disposal of dust. G. G. Colbert. 2,211,812; Aug. 20.
Apparatus for the distillation of liquids having relatively high boiling points. K. Sondermann. 2,224,025; Dec. 3.
Apparatus for the drying of the hair. H. M. Armistead. 2,190,168; Feb. 13.
Apparatus for the electric transmission at a distance of rotary velocities. K. Pestalozzi. 2,191,083; Feb. 20.
Apparatus for the electrical exploration of the subsurface. J. J. Jakosky. 2,207,060; July 9.
Apparatus for the electrical protection of electric discharge tube installations. H. E. M. Barlow. 2,210,889; Aug. 13.
Apparatus for the electrical protection of gaseous and other discharge tubes. H. E. M. Barlow. 2,210,888; Aug. 13.
Apparatus for the electrostatic separation particles having different electrical susceptibilities. H. M. Sutton and E. G. Steele. 2,187,637; Jan. 16.
Apparatus for the evaporation of liquid dairy products. J. Gatzweiler. 2,224,076; Dec. 3.
Apparatus for the exchange of heat. V. Kulka. 2,198,671; Apr. 30.
Apparatus for the hardening of tubular steel articles. T. H. Nelson. 2,218,958; Oct. 22.
Apparatus for the making of cross-feed records. W. C. Pfeiffer. 2,201,407; May 21.
Apparatus for the manufacture of articles from plastic materials. W. J. Miller. Re. 21,663; Dec. 17.
Apparatus for the manufacture of baked goods. J. MacManus. 2,187,355; Jan. 16.
Apparatus for the manufacture of casein. E. B. Oberg. 2,190,136; Feb. 13.
Apparatus for the manufacture of coated webs. R. L. Melton, R. C. Benner, and H. P. Kirchner. 2,187,624; Jan. 16.
Apparatus for the manufacture of concrete pipe. G. W. Kopp. 2,189,071; Feb. 6.
Apparatus for the manufacture of crystalline bodies. D. C. Stockbarger. 2,214,976; Sept. 17.
Apparatus for the manufacture of glassware. T. F. Pearson. 2,190,042; Feb. 13.
Apparatus for the manufacture of hollow and indented dry pressed ceramic ware. B. Lassman. 2,209,404; July 30.
Apparatus for the manufacture of lead oxide. D. Doyen. 2,208,146; July 16.
Apparatus for the manufacture of mineral wool. E. R. Powell. 2,192,524; Mar. 5.
Apparatus for the manufacture of rubber plates. R. W. Brown. 2,208,536; July 16.
Apparatus for the manufacture of thread or the like. L. J. Jordan. 2,225,638; Dec. 24.
Apparatus for the manufacture of thread or the like. W. F. Knebusch and A. H. Burkholder. 2,225,643; Dec. 24.
Apparatus for the manufacture of thread or the like. L. E. Lovett. 2,203,793; June 11.
Apparatus for the manufacture of threads, bands, films, flexible tubes, and the like. H. Freudenberg, O. W. Becker, and E. Braun. 2,220,226; Nov. 5.
Apparatus for the preparation of paper stock and the like. E. Cowles. 2,218,449; Oct. 15.
Apparatus for the production of artificial thread. E. V. Lewis. 2,211,954; Aug. 20.

Apparatus for the production of electric oscillations. S. A. Stevens and A. H. B. Walker. 2,222,048; Nov. 19.
Apparatus for the production of electric oscillations. A. H. B. Walker and E. A. Sheppard. 2,215,893; Sept. 24.
Apparatus for the production of gas. C. W. Andrews. 2,194,630; Mar. 26.
Apparatus for the production of goods by centrifugal castings. J. Hauck. 2,208,368; July 16.
Apparatus for the production of goods by centrifugal casting. J. Hauck. 2,209,400; July 30.
Apparatus for the production of music. B. F. Miessner. 2,215,708–9; Sept. 24.
Apparatus for the production of music. B. F. Miessner. 2,225,195; Dec. 17.
Apparatus for the production of powders of low-melting-point metals or of compounds thereof. S. Hiller. 2,213,365; Sept. 3.
Apparatus for the production of rapidly moving ions. C. Hailer. 2,215,787; Sept. 24.
Apparatus for the production of spring clips. J. W. Siemss. 2,195,743; Apr. 2.
Apparatus for the production of steel. M. W. Ditto. 2,217,540; Oct. 8.
Apparatus for the projection of color-value images. A. H. Kämpfer and A. Schattmann. 2,217,907; Oct. 15.
Apparatus for the protection of edges of flat sheets, as paper, linen, or the like. J. J. Bosch. 2,219,678; Oct. 29.
Apparatus for the reclaiming and refining of white metals from dross, skimmings, and scruff. T. B. Cooper. 2,224,501; Dec. 10.
Apparatus for the recovery of heat and chemicals from black liquor. A. L. Hamm. 2,196,496; Apr. 9.
Apparatus for the recovery of salts from aqueous solution. E. A. C. Smith. 2,204,777; June 18.
Apparatus for the removal of liquids from masses of material associated therewith. J. Helle and A. Kunz. 2,222,664; Nov. 26.
Apparatus for the reversal of photographic negatives. F. Biedermann. 2,214,072; Sept. 10.
Apparatus for the separation of materials. H. G. Hague. 2,222,030; Nov. 19.
Apparatus for the smelting out of zinc from dusts containing metallic zinc. O. Goeke. 2,208,418; July 16.
Apparatus for the treatment and storage of wood. R. F. James. 2,192,348; Mar. 5.
Apparatus for the treatment of biologically active products. E. W. Flosdorf. 2,199,815; May 7.
Apparatus for the treatment of commodities. F. J. Reilly. 2,221,927; Nov. 19.
Apparatus for the treatment of hydrocarbons. L. S. Gregory. 2,197,799; Apr. 23.
Apparatus for the treatments of materials in grains or pieces, such as minerals, coals, and the like. L. Hoyois. 2,211,895; Aug. 20.
Apparatus for therapeutic and surgical uses, High frequency. R. H. Maxson. 2,213,820; Sept. 3.
Apparatus for timing watches. E. Norrman. Re. 21,355; Feb. 13.
Apparatus for transferring cable circuits. D. Fisher, G. B. and L. L. Parker, and J. P. Meehan. 2,212,290; Aug. 20.
Apparatus for transferring liquefied gases. H. Bonnaud. 2,217,467; Oct. 8.
Apparatus for transferring thread. W. F. Knebusch and F. F. Hillix. 2,207,588; July 9.
Apparatus for transmitting and recording shot moments. D. K. Kirk. 2,212,988; Aug. 27.
Apparatus for transporting material in mines. G. W. Packer. 2,191,621; Feb. 27.
Apparatus for transporting material in mines. C. E. Stoltz. 2,207,167; July 9.
Apparatus for treating artificial yarn. A. Nai. 2,209,950; Aug. 6.
Apparatus for treating canned goods. W. de Back. 2,192,181; Mar. 5.
Apparatus for treating coiled strip metal. G. R. Beckwith and C. H. Propper. 2,199,736; May 7.
Apparatus for treating composition boards. J. Ferla. 2,207,726; July 16.
Apparatus for treating dry flocculent powders. R. W. Skoog and T. J. Bradford. 2,213,056; Aug. 27.
Apparatus for treating fabric. P. A. Sperry. 2,220,627; Nov. 5.
Apparatus for treating fabrics. H. C. Borghetty. 2,196,655; Apr. 9.
Apparatus for treating fluids. H. G. Mojonnier. 2,212,275; Aug. 20.
Apparatus for treating fruit. R. Sias. 2,221,682; Nov. 12.
Apparatus for treating granulated coffee. W. M. Williams and E. G. Berry. 2,202,936; June 4.
Apparatus for treating liquids. A. Placek. 2,220,657; Nov. 5.
Apparatus for treating masonry and like surfaces. W. G. Brown and W. D. Brown. 2,188,938; Feb. 6.
Apparatus for treating material. W. W. Cowgill. 2,186,282; Jan. 9.
Apparatus for treating material with silent electric discharges. G. L. Matheson. 2,191,797; Feb. 27.
Apparatus for treating materials. F. S. Smith. 2,222,634; Nov. 26.
Apparatus for treating materials under reduced pressure. G. Mars. 2,193,034; Mar. 12.
Apparatus for treating materials with chlorine. L. G. Jenness. 2,226,472; Dec. 24.
Apparatus for treating metal. H. Csanyi. 2,212,588; Aug. 27.
Apparatus for treating metal articles. D. C. Turnbull. 2,204,636; June 18.
Apparatus for treating metal sheets. E. I. Huff. 2,195,816; Apr. 2.
Apparatus for treating metallic strip. J. R. Hershey and J. K. Lamoree. 2,221,348; Nov. 12.
Apparatus for treating metals. P. W. Dillon. 2,209,153; July 23.
Apparatus for treating metals. E. H. Greenberg. 2,214,611; Sept. 10.
Apparatus for treating metals. E. W. Smith. 2,198,637; Apr. 30.
Apparatus for treating metals or metallic articles. H. E. Somes. 2,214,681; Sept. 10.
Apparatus for treating oil emulsions. J. V. Stevens. 2,210,782; Aug. 6.
Apparatus for treating one liquid with one or more other liquids. H. Moore. 2,192,094; Feb. 27.
Apparatus for treating plastic material. B. De Mattia. 2,212,494; Aug. 27.
Apparatus for treating plated strip metal. J. F. Ferm. 2,192,303; Mar. 5.
Apparatus for treating pulverulent materials. N. Ahlmann. 2,201,552; May 21.
Apparatus for treating rayon. A. Jaeger and E. M. Trinder. 2,216,034; Sept. 24.
Apparatus for treating respiratory organs. M. W. Larson. 2,210,373; Aug. 6.
Apparatus for treating rubber. W. W. Knight. 2,190,266; Feb. 13.
Apparatus for treating sewage and the like. H. G. Hunter. 2,197,725; Apr. 16.
Apparatus for treating shower sprays. S. Isenberg. 2,215,000; Sept. 17.
Apparatus for treating strands. W. C. Ewaldson and H. Kress. 2,217,337; Oct. 8.
Apparatus for treating strands. F. R. Reevely. 2,218,482; Oct. 15.
Apparatus for treating strands. S. Thronsen. 2,195,102; Mar. 26.
Apparatus for treating textile fibers. H. T. Battin and W. F. Silva. 2,196,621; Apr. 9.
Apparatus for treating thermoplastic products. G. Smith. 2,203,620; June 4.
Apparatus for treating tires. M. Bailey. 2,193,119; Mar. 12.
Apparatus for treating tubular packages of thread of fine filamentous character. C. A. Huttinger. 2,198,409; Apr. 23.
Apparatus for treating workpieces. F. G. Dennison. 2,201,991; May 28.
Apparatus for treating yarns and like materials. W. I. Seymour. 2,207,899; July 16.
Apparatus for treatment of metal. C. M. Yoder and P. J. Abel. 2,216,869; Oct. 8.
Apparatus for trimming tires. N. G. Raymond. 2,226,742; Dec. 31.
Apparatus for tunneling. A. F. Stanley. 2,208,608; July 23.
Apparatus for twisting and reeling material. F. V. Johnson. 2,189,314; Feb. 6.
Apparatus for twisting dough. M. E. Fonken. 2,188,536; Jan. 30.
Apparatus for underwater electric barrier. L. E. Baker. 2,193,915; Mar. 19.
Apparatus for unwinding loose windings of thread. A. Willeke and W. Eller. 2,200,140; May 7.
Apparatus for use in coating carcasses. A. E. Ozouf. 2,202,022; May 28.
Apparatus for use in connection with earth boring. R. H. Carr, G. G. Hebard, G. M. Henderson, and G. Heinish. 2,225,683; Dec. 24.
Apparatus for use in cutting plastic sheeting. C. B. Schafer and J. L. Drake. 2,194,570; Mar. 26.
Apparatus for use in the bedding of glass sheets preparatory to surfacing. J. Moran and M. N. Kepler. 2,212,351; Aug. 20.
Apparatus for use in the manufacture of paper. K. Dammann. 2,202,757; Mar. 28.
Apparatus for use with telephone mouthpieces. H. Schober. 2,225,509; Dec. 17.
Apparatus for vapor-conditioning wheat. T. E. Forster, Jr. 2,205,814; June 25.
Apparatus for vaporizing liquids. S. A. Daveron. 2,195,560; Apr. 2.
Apparatus for variable speed control. D. E. and E. F. Lewellen. 2,212,194; Aug. 20.
Apparatus for venoclysis. E. A. Ravenscroft. 2,210,098; Aug. 6.
Apparatus for vibrating paper making machines. E. W. Smith. 2,202,032; May 28.
Apparatus for visual training. H. H. Briggs. 2,213,484; Sept. 3.
Apparatus for visualizing organs. M. A. Loebell. 2,207,867; July 16.
Apparatus for washing. H. L. Alexander and W. B. Foulke. 2,193,957; Mar. 19.
Apparatus for washing and flushing filtering or similar materials. A. E. Hine. 2,194,071; Mar. 19.

Apparatus for washing fruits, vegetables, and the like. R. Poluzzi. 2,187,891; Jan. 23.
Apparatus for washing hollow vessels. W. McKenna. 2,189.761; Feb. 13.
Apparatus for waving hair. R. Ludovici. 2,192,449; Mar. 5.
Apparatus for weighing livestock. A. A. and C. J. Vater. 2,204,389; June 11.
Apparatus for welding. J. L. Anderson. 2,209,373; July 30.
Apparatus for welding. J. V. Caputo. 2,198,264; Apr. 23.
Apparatus for welding. S. E. Leonard, Jr. 2,205,425; June 25.
Apparatus for welding. H. C. Lockwood. 2,200,887; May 14.
Apparatus for welding. B. C. Moise and H. E. Passmore, Jr. 2,227,194; Dec. 31.
Apparatus for welding thin silicon steel and the like. E. Reed. 2,219,493; Oct. 29.
Apparatus for welding tubing. H. J. Walberg and E. F. Peters. 2,215,676; Sept. 24.
Apparatus for winding bobbins in fly-frames for subsequent liquid treatment of such bobbins. J. Brandwood. 2,217,212; Oct. 8.
Apparatus for working concrete and the like. C. Jackson. 2,219,247; Oct. 22.
Apparatus for wrapping articles. E. A. Muller. 2,218,293; Oct. 15.
Apparatus including a scanning disk for transmitting television. D. C. Espley and D. O. Walter. 2,206,546; July 2.
Apparatus of amusement. C. C. Hemmingsen. 2,217,548; Oct. 8.
Apparatus of combustion. J. S. Peoples. 2,200,861; May 14.
Apparatus responsive to accelerations. E. Schmettow. 2,203,061; June 4.
Apparatus to mechanize the conjugation of English verbs. J. N. González. 2,204,931; June 18.
Apparel apparatus. J. D. Nathan. 2,209,468; July 30.
Apparel garment. W. Kops. 2,190,030; Feb. 13.
Apparel, Making wearing. A. J. Steinberger. 2,190,807; Feb. 20.
Apparel rack. J. R. and R. E. Dawson. 2,217,795; Oct. 15.
Apparel. Wearing. A. Buchanan. 2,213,900; Sept. 3.
Apparel, Wearing. A. Schaumer. 2,222,090; Nov. 19.
Apparel, Wearing. G. Schneider. 2,191,545; Feb. 27.
Appliance for aircraft navigation, Educational. E. Kramar. 2,226,726; Dec. 31.
Appliance for beds and cots, Invalid. L. H. Burns. 2,187,013; Jan. 16.
Appliance for purifying tobacco smoke. M. F. Lautman. 2,185,672; Jan. 2.
Appliance for rolling screw threads. G. Gould. 2,204,182; June 11.
Appliance for rolling screw threads. G. Gould. 2,218,574; Oct. 22.
Appliance for use with heated hair-waving apparatus. J. C. Keaney. 2,208,675; July 23.
Appliances for mechanical cosmetic treatment, Making. H. Gottlieb. 2,207,730; July 16.
Applicating device. L. J. Suddarth. 2,187,671; Jan. 16.
Applicator. J. R. Bedell. 2,201,516; May 21.
Applicator. C. M. Hooper. 2,197,579; Apr. 16.
Applicator. D. Morris. 2,214,822; Sept. 17.
Applicator. R. R. Nelson. 2,222,235; Nov. 19.
Applicator. L. Schleicher. 2,186,711; Jan. 9.
Applicator. L. J. Suddarth. 2,187,670; Jan. 16.
Applicator and closure, Combination. S. Lowen. 2,197,052; Apr. 16.
Applicator and kinesithrapy device, Combined liquid. G. Grossen. 2,197,694; Apr. 16.
Applicator cap. A. B. McGinnis and C. C. Webb. 2,210,766; Aug. 6.
Applicator, Composition. W. Wanner. 2,193,543; Mar. 12.
Applicator, Cosmetic. L. R. Catelin. 2,199,720; May 7.
Applicator, Eyelash cosmetic. W. R. Tuttle and C. W. Stickel. 2,196,235; Apr. 9.
Applicator for dogs, Sanitary. C. L. W. Fuqua. 2,190,115; Feb. 13.
Applicator for liquid lip coloring. F. M. Way and V. A. Zitz. 2,207,959; July 16.
Applicator for nasal passages, Medical. A. A. Neuwirth. 2,195,281; Mar. 26.
Applicator for use in short wave radio therapy, Electrode. F. N. Lewis. 2,191,080; Feb. 20.
Applicator for stitching machines, Fluid. W. C. Card, Jr. 2.217,331; Oct. 8.
Applicator, Fountain. O. J. Brown. 2,190,975; Feb. 20.
Applicator, Fountain. E. C. Deitrich and D. V. Lisle. 2,212,513; Aug. 27.
Applicator, Liquid. H. J. Brownstein. 2,194,819; Mar. 26.
Applicator, Liquid wax. O. L. Leopold. 2,201,236; May 21.
Applicator, Pulley belt. O. E. Coe and D. I. Gnepper. 2,195,359; Mar. 26.
Applicator rods and bottle caps, Apparatus for assembling glass. C. F. Schmidt. 2,185,271; Jan. 2.
Applicator tool, Casing protector. J. E. Hall. 2,200,716; May 14.
Applicators, Manufacture of. J. F. Skold. 2,219,755; Oct. 29.
Appliqué for fingernail designs. F. Nolan. 2,199,207; Apr. 30.
Applying device. H. F. Corson. 2,212,824; Aug. 27.
Apron control for carrying scrapers. J. D. Rapp. 2.189,222; Feb. 6.
Apron conveyer. H. H. Belcher. 2,215,418; Sept. 17.
Aquatic amusement device. R. L. Rison. 2,207,025; July 9.
Aqueous dispersion of hardened protein. G. H. Brother and A. K. Smith. 2,210,481; Aug. 6.
Aqueous dispersion of polymerized hydrocarbon material and preparing the same. A. Szegvari and A. H. Feikert. 2,194,958; Mar. 26.
Aqueous emulsions of polymerization products and preparing them. W. Starck and H. Freudenberger. 2,227,163; Dec. 31.
Aqueous solution by freezing, Concentration of an. F. Steinbacher. 2,186,887; Jan. 9.
Aqueous solutions and preparing them. K. Billig. 2,209,897; July 30.
Aqueous solutions of phosphoric acid, Handling hot. A. B. Kinzel. 2,221,949; Nov. 19.
Araliphatic chloromethyl compounds, Manufacture of. W Pinkernelle. 2,219,873; Oct. 29.
Aralkyl morpholines. M. T. Leffler. 2,213,469; Sept. 3.
Arbor for forming a cored mold. F. F. Ellingwood and S. A. Mraz. 2,214,098; Sept. 24.
Arc-back indicator. L. R. Ludwig. 2,217,446; Oct. 8.
Arc lamp. J. Gelb. 2,204,079; June 11.
Arc lamp. G. P. Ham. 2,224,816; Dec. 10.
Arc lamp, Twin. E. G. Ashcraft. 2,200,483; May 14.
Arc protecting device. E. L. McClure. 2,185,263; Jan. 2.
Arc tube system. D. D. Coffin. 2,220,077; Nov. 5.
Arc tube system. J. W. Dawson. 2,201,966; May 21.
Arc welder electrode holder. P. J. Pishioneri. 2,196,565; Apr. 9.
Arc welding. V. J. Chapman. 2,216,564; Oct. 1.
Arc welding. M. H. MacKusick. 2,220,576; Nov. 5.
Arc welding apparatus. G. G. Landis and L. K. Stringham. 2,206,037; July 2.
Arc welding apparatus. J. P. Tripp. 2,197,281; Apr. 16.
Arc welding apparatus. J. P. Tripp. 2,205,002; June 18.
Arc welding, Automatic. R. Wasmund. 2,210,786; Aug. 6.
Arc welding, Automatic. O. Weigner. 2,210,645; Aug. 6.
Arc welding system. C. J. Holslag. 2,225,052; Dec. 17.
Arc welding system. T. M. Hunter. 2,197,253–4; Apr. 16.
Arc welding system. H. L. Mills. 2,200,632; May 14.
Arc welding system. E. Riemenschneider. 2,189,326; Feb. 6.
Arch support. J. Sajdak. 2,213,770; Sept. 3.
Arch support. W. Seigle. 2,207,165; July 9.
Arch support. C. B. Sheridan. 2,207,271; July 9.
Arch support. L. P. Knupp. 2,193,174; Mar. 12.
Arch support, Adjustable. J. Early. 2,214,296; Sept. 10.
Arch support, Foot correction. B. H. Lobdell. 2,208,078; July 16.
Archery set. J. O. Lowell. 2,186,386; Jan. 9.
Archery sight device. H. J. Welch. 2,191,207; Feb. 20.
Arcs fed by controlled rectifiers for carrying out chemical reactions, Initiation of electric. P. Baumann, L. Heer, K. Krapp, and W. Nowag. 2,215,867; Sept. 24.
Area measuring machine. A. C. Brill. 2,207,000; July 9.
Arm for handling drop center tires on weaver tire machines. R. Campbell and J. J. Matthews. 2,209,713; July 30.
Arm for ignition devices, Breaker. J. Filko. 2,211,412; Aug. 13.
Arm for individual suspension. J. W. Leighton. 2,189,651; Feb. 6.
Arm, Locking check. C. W. Van Ranst. 2,225,725; Dec. 24.
Arm mounting construction. H. O. Rastetter and G. D. Rausch. 2,195,013; Mar. 26.
Arm positioning and retaining device, Embalmer's. J. W. Brasure. 2,207,968; July 16.
Arm rest. E. E. Frey. 2,201,261; May 21.
Armrest. H. M. Hood. 2,203,413; June 4.
Armrest support. A. B. Bell. 2,204,205; June 11.
Arm support for fishing rods. M. Planitz. 2,212,212, Aug. 20.
Arm, Suspension. J. W. Leighton. 2,188,909; Feb. 6.
Arm, Windshield wiper. E. W. Sibley. 2,226,358; Dec. 24.
Armament, Aircraft. B. P. Joyce. 2,186,026; Jan. 9.
Armature. H. M. Zschau. 2,188,170; Jan. 23.
Armature for electric motors. M. Langer. 2,194,046; Mar. 19.
Armature for electric speedometers. W. H. Farr and G. E Coxon. 2,188,570; Jan. 30.
Armature hinge for relays. J. F. Merkel. 2,190,381; Feb. 13.
Armature recutting tool. A. Burrows and W. H. Rhindress. 2,187,874; Jan. 23.
Armature support. J. White. 2,187,064; Jan. 16.
Armor plate. E. L. Reed. 2,201,202; May 21.
Aromatic compounds, Alkylation of. J. L. Amos, R. R. Dreisbach and J. L. Williams. 2,198,595; Apr. 30.

Aromatic compounds containing an oxygen-sulphur group, Catalytic hydrogenation of. W. A. Lazier and F. K. Signaigo. 2,221,804; Nov. 19.
Aromatic compounds, Manufacture of side chain. L. H. Flett. 2,199,131; Apr. 30.
Aromatic device. B. A. Duers and A. C. Mocerine. 2,218,037; Oct. 15.
Arrangement for amplitude modulation. R. Urtel. 2,185,874; Jan. 2.
Arrangement for avoiding colored fringes when taking images on lenticulated films. E. Gretener. 2,201,487; May 21.
Arrangement for carrier frequency modulation. A. Wiessner. 2,204,198; June 11.
Arrangement for mixing two frequencies in a superheterodyne receiver. R. Barthelemy. 2,206,072; July 2.
Arrangement for the balancing of electrodes of electrical arc furnaces. T. Eklund. 2,201,483; May 21.
Arrangement for transforming mechanical energy into mechanical energy with intermediate transformation into electrical energy. E. Courcoulas. 2,195,766; Apr. 2.
Arrow. B. Boggs. 2,209,672; July 30.
Arrow. O. G. Dykes. 2,193,397; Mar. 12.
Arrowhead. R. S. Krieger. 2,212,345; Aug. 20.
Arsenates, Electrolytically producing. L. Löwenstein. 2,223,929; Dec. 3.
Arsenic compounds and obtaining the same, Organic. C. S. Hamilton. 2,202,733; May 28.
Artichoke trimming machine. L. Dotta. 2,204,846; June 18.
Article and its manufacture, Composite. L. E. Wood. 2,201,568; May 21.
Article and making same, Welded. J. E. Trainer and J. C. Hodge. 2,214,002; Sept. 10.
Article and making the same, Tubular. J. A. Salz. 2,200,042; May 7.
Article and making the same, Windowed. R. L. Gray. 2,198,246; Apr. 23.
Article and making the same, Wrapped. J. R. Tindal. 2,218,691; Oct. 22.
Article and producing same, Molded. C. H. Luby. 2,214,140; Sept. 10.
Article carrier. C. W. Stuart. 2,208,347; July 16.
Article carrying device. P. Beckwith. 2,186,191; Jan. 9.
Article comprising silicon and columbium, Corrosion resistant steel. P. A. E. Armstrong. 2,225,730; Dec. 24.
Article container. H. Silver. 2,225,133; Dec. 17.
Article containing cellulose ethers and shellac, Granular. S. L. Bass and E. L. Kropscott. 2,199,386; May 7.
Article dispensing apparatus. E. H. Sargent and A. G. Alex. 2,218,831; Oct. 22.
Article, Disposable. S. Levy. 2,206,412; July 2.
Article feeding mechanism. M. J. Milmoe and C. J. Malhiot. 2,190,620; Feb. 13.
Article for babies. P. G. Baker and J. H. Watts. 2,199,869; May 7.
Article for housing electrical conductors, Linear molded. G. S. Edmonson. 2,192,899; Mar. 12.
Article for washing automobiles. C. H. Conk and J. I. Reinbold. 2,225,101; Dec. 17.
Article formed of sheet material, Three-dimensional. W. Wolfson. 2,187,721; Jan. 23.
Article forwarding device for wrapping machines. E. L. Smith and C. Wetsel. 2,204,162; June 11.
Article handling apparatus. F. Majoros. 2,219,630; Oct. 29.
Article handling device. N. Rinehart. 2,194,125; Mar. 19.
Article handling tool. W. H. Harstick. 2,194,204; Mar. 19.
Article holder. R. L. Lyons. 2,196,833; Apr. 9.
Article holder. C. F. Murphy. 2,211,023; Aug. 13.
Article including metal foil, creped. W. W. Rowe. 2,202,870; June 4.
Article loading device. G. W. Ashlock, Jr. 2,190,970; Feb. 20.
Article made from powdered mixes and its manufacture. J. A. Boyer. 2,197,655; Apr. 16.
Article, Making a sewn and cemented. R. F. Hlavaty. 2,189,067; Feb. 6.
Article of beryllium copper, Fabricating. L. C. Conradi and H. F. Barnes. 2,206,662; July 2.
Article of footwear. E. W. Herzog and C. J. Futter. 2,200,333; May 14.
Article of furniture, Convertible. W. Mayo and E. E. Nock, Jr. 2,223,259; Nov. 26.
Article of glass, Shatterproof. H. R. Owen. 2,202,396; May 28.
Article of hardware. H. H. Raymond. 2,186,683; Jan. 9.
Article of jewelry. J. Glaenzer. 2,199,222; Apr. 30.
Article of knitted wire or other resilient material. F. C. Stephens. 2,218,560; Oct. 22.
Article of manufacture. G. W. Clavoe and L. A. H. Baum. 2,221,420; Nov. 12.
Article of manufacture. J. S. Fisher. 2,191,460; Feb. 27.
Article of manufacture. M. N. Nickowitz. 2,219,697; Oct. 29.
Article of manufacture. D. J. Sullivan. 2,201,931; May 21.
Article of manufacture. R. E. Thomas. 2,187,563; Jan. 16.
Article of manufacture and making the same. A. B. Cummins. 2,198,990; Apr. 30.
Article of manufacture containing hemp hurds. M. J. Connolly. 2,212,226; Aug. 20.
Article of tortuous shape, Producing an. P. M. McKenna. 2,220,018; Oct. 29.
Article of welded construction. P. Schafmeister and E. Houdremont. 2,187,525; Jan. 16.
Article, Porous metal. J. M. Hildabolt and A. R. Shaw. 2,214,104; Sept. 10.
Article, Producing a heat treated. F. S. Denneen, W. C. Dunn, and C. N. Mitchell. 2,213,241; Sept. 3.
Article, Protective coated. H. L. Kohler. 2,212,269–70; Aug. 20.
Article, Slide fastened. C. B. Murphy. 2,199,029; Apr. 30.
Article, Smoker's. E. R. Frantz. 2,202,342; May 28.
Article sorting apparatus. C. B. Lubbert. 2,209,411; July 30.
Article sterilizing device. M. M. Werner. 2,214,946; Sept. 17.
Article support. A. K. Bye. 2,220,991; Nov. 12.
Article support. I. M. Symonds. 2,213,151; Aug. 27.
Article, Vitreous enameled. A. L. Matthes. 2,199,804; May 7.
Articles, Coating. E. T. Ferngren. 2,195,671; Apr. 2.
Articles, Compacting. F. D. Fowler. 2,187,024; Jan. 16.
Articles containing organic derivatives of cellulose, Making shaped. C. Dreyfus. 2,217,734; Oct. 15.
Articles, Degreasing metal and like nonabsorbent. N. R. Hood. 2,201,729; May 21.
Articles, Device for locating and recovering sunken. R. H. Berndt. 2,198,755; Apr. 30.
Articles from cellulose acetate, Producing. E. Hubert, R. Hofmann, and H. Pabst. 2,218,029; Oct. 15.
Articles from forms, Device for unloading. R. G. Reynoldson. 2,196,081; Apr. 2.
Articles from latex, Producing vulcanized. A. O. Ryan. 2,195,827; Apr. 2.
Articles from light metal alloys, Manufacture of. F. Singer. 2,218,459; Oct. 15.
Articles from metal, Manufacturing hollow. K. Staiger. 2,190,536; Feb.. 13.
Articles from paper pulp, Method and apparatus for forming. E. L. Perry. 2,221,200; Nov. 12.
Articles from polymeric materials, Manufacture of shaped. J. R. Myles and L. L. Bache. 2,210,771; Aug. 6.
Articles from powdered components, Making. G. J. Comstock. 2,188,873; Jan. 30.
Articles from sheet material, Making of. W. Walker. 2,201,253; May 21.
Articles, Making coated. R. K. Hopkins and H. S. Blumberg. 2,191,472; Feb. 27.
Articles, Making compressed wooden. R. R. Clark and H. G. Swarr. 2,191,069; Feb 20.
Articles, Making glass coated. J. T. Littleton. 2,212,-162; Aug. 20.
Articles, Making riveted. R. E. Powell. 2,208,732; July 23.
Articles, Manufacture of a plurality of similarly shaped. S. R. Ogilby. 2,207,815; July 16.
Articles, Manufacture of veneered. R. K. Hopkins. 2,191,470; Feb. 27.
Articles, Manufacturing metallic tubular. B. Bannister. 2,216,718; Oct. 8.
Articles, Means for assorting. L. W. Bacon, Jr. 2,203,248; June 4.
Articles, Method and machine for polishing. I. J. Gruenberg. 2,218,353; Oct. 15.
Articles, Method of and apparatus for making hollow. F. B. Wendel and T. H. Pearsall. 2,198,643; Apr. 30.
Articles of fibrous composition, Producing. E. C. Sloan. 2,222,003; Nov. 19.
Articles of fused silica, Making. R. D. Smith. 2,188,121; Jan. 23.
Articles of glass, Forming sealed hollow. H. H. Blau. 2,191,951; Feb. 27.
Articles of glass, Forming sealed hollow. H. H. Blau. 2,215,027; Sept. 17.
Articles of mass production, Method and device for coloring magnetizable. W. Magener and O. R. Barth. 2,195,731; Apr. 2.
Articles or masses, Manufacture of metal. W. D. Jones and E. J. Groom. 2,213,523; Sept. 3.
Articles, Process and apparatus for finishing preground. G. W. Binns. 2,224,423; Dec. 10.
Articles, Production of shaped. H. Beck and E. Dorrer. 2,215,573; Sept. 24.
Articles, Production of variegated. N. O. Broderson. 2,208,494; July 16.
Articles through a furnace, Routing. R. C. Ingersoll. 2,218,935; Oct. 22.
Articles, Treating jointed electroplated. M. A. Lamme. 2,207,808; July 16.
Articulated mechanism for the transmission of movement. F. R. Ibañez. 2,194,661; Mar. 26.
Articulator. E. L. Chott. 2,200,058; May 7.
Artificial bodies from urea and formic aldehyde, Making. H. Goldschmidt and O. Neuss. 2,222,028; Nov. 19.
Artificial mass. L. Rosenthal and W. Becker. 2,210,434; Aug. 6.
Artificial structure and producing same. E. V. Lewis. 2,199,411; May 7.
Artificial tooth carrier. J. R. Sheppard. 2,193,988; Mar. 19.

Arylamide. F. Muth. 2,193,678; Mar. 12.
Arylamines and the manufacture thereof, Primary. H. W. Daudt and H. E. Woodward. 2,194,925; Mar. 26.
Arylaminoanthraquinone compounds, Preparation of. R. S. Wilder. 2,210,517; Aug. 6.
Aryl amino compounds. F. F. Blicke. 2,216,155; Oct. 1.
Aryl mercaptans, Preparing. H. A. Lubs and A. J. Johnson. 2,216,849; Oct. 8.
Aryl nitro compounds, Reduction of. C. O. Henke and J. V. Vaughen. 2,198,249; Apr. 23.
Aryl sulphates, Manufacture of alkyl substituted. J. L. Richmond. 2,190,733; Feb. 20.
Arylides of 2,3-hydroxynaphthoic acid. W. Kern and R. Tobler. 2,187,455; Jan. 16.
Arylo-pyrrolinethione compounds and producing. W. E. Hanford. 2,198,166; Apr. 23.
Aryloxy-polyalkylene ether iodides. E. C. Britton, G. H. Coleman, and J. W. Zemba. 2,213,119; Aug. 27.
Asbestos cement manufacture. M. Vogel-Jorgensen. 2,185,959; Jan. 2.
Asbestos product, Colored. M. S. Badollet. 2,198,800; Apr. 30.
Asbestos fiberizer. L. C. Pharo. 2,219,077; Oct. 22.
Asbestos sliver, Reinforced. J. W. Greenleaf. 2,217,049; Oct. 8.
Asbestos, Treating. E. Venable. 2,201,840; May 15.
Ash receiver. E. S. Carlson. 2,201,333; May 21.
Ash receiver. H. Crawford. 2,225,623; Dec. 24.
Ash receiver. E. F. McDonald. 2,221,738; Nov. 12.
Ash receiver and extinguisher, Combination. L. R. Akers and J. C. Wilkinson. 2,224,715; Dec. 10.
Ash receptacle. J. G. Hickman. 2,203,960; June 11.
Ash receptacle. J. Visser. 2,196,648; Apr. 9.
Ash receptacle. J. Visser. 2,199,451; May 7.
Ash receptacle. J. Visser. 2,215,626; Sept. 24.
Ash receptacle. J. Visser. 2,220,360; Nov. 5.
Ashtray. F. V. Barker. 2,187,896; Jan. 23.
Ash tray. R. N. Baylis. 2,209,105; July 23.
Ashtray. J. W. Buhler. 2,194,519; Mar. 26.
Ash tray. F. W. Grantham. 2,210,207; Aug. 6.
Ashtray. A. A. Holler. 2,196,797; Apr. 9.
Ash tray. I. E. Mather. 2,213,046; Aug. 27.
Ashtray. M. J. Miller. 2,205,377; June 18.
Ashtray. A. W. Zeman. 2,202,365; May 28.
Ash tray and cigarette extinguisher, Combined. P. S. Kushiner. 2,227,354; Dec. 31.
Ashtray feeder container, Automatic. A. Baff. 2,191,511; Feb. 27.
Ashtray for cigarettes or cigars. R. Litschgi. 2,193,486; Mar. 12.
Ashtray for smokers. I. E. Cohn. 2,189,940; Feb. 13.
Ash tray support. C. A. Huettenrauch. 2,217,553; Oct. 8.
Asparagus washer. C. W. Hoon. 2,197,978; Apr. 23.
Asphalt and high quality bright stock from mixed base residuum, Preparing high melting point. A. B. Brown, F. C. Croxton, and B. Ginsberg. 2,217,727; Oct. 15.
Asphalt and producing the same. P. J. Fryar. 2,201,396; May 21.
Asphalt coated material. L. Kirschbraun. 2,194,428; Mar. 19.
Asphalt from hydrocarbon oil, Removing. C. T. Anné. 2,213,798; Sept. 3.
Asphalt from waxy mineral oils, Manufacture of. A. P. Anderson. 2,224,372; Dec. 10.
Asphalt, Light-colored. K. C. Laughlin and H. E. Cier. 2,195,536; Apr. 2.
Asphalt, Manufacture of improved. R. E. Burk and C. H. Whitacre. 2,200,914; May 14.
Asphalt mixing plant construction, Portable. R. B. Berner. 2,200,589; May 14.
Asphalt preparation. A. P. Anderson. 2,223,776; Dec. 3.
Asphalt, Process and apparatus for bagging. G. C. Brown. 2,206,157; July 2.
Asphalt, Producing. E. W. Gard and B. G. Aldridge. 2,222,347; Nov. 19.
Asphalt, Production of. A. B. Hersberger. 2,220,714; Nov. 5.
Asphalt trimmer. C. F. Greiner. 2,191,958; Feb. 27.
Asphaltic composition and preparing same. A. H. Batchelder. 2,200,484; May 14.
Asphaltic product and producing same. E. C. Daigle. 2,203,081; June 4.
Asphalts, Manufacture of. V. L. Shipp, A. H. Boenau, and J. W. Ramsay. 2,215,074; Sept. 17.
Aspirin, Crystallization of. H. R. Slagh. 2,209,019; July 23.
Assembler slide controlling and actuating mechanism. G. Pankuch. 2,222,878; Nov. 26.
Assembling device. S. Madsen. 2,188,053; Jan. 23.
Assembling machine. A. Perri. 2,208,854; July 23.
Assembly apparatus. F. V. Johnson, D. C. Robson and G. A. Seeley. 2,192,229; Mar. 5.
Assembly for brakes and the like. T. L. Fawick. 2,205,521; June 25.
Assembly table. A. Henderson. 2,212,421; Aug. 20.
Assistants for the textile and related industries and their manufacture. F. Becherer. 2,212,224; Aug. 20.
Assistants for the textile and related industries and their manufacture. K. Engel and K. Pfaehler. 2,199,789; May 7.
Associating and folding mechanism. H. M. Barber. 2,222,278–9; Nov. 19.
Assorting device. K. S. Boblan. 2,197,576; Apr. 16.
Astrakhan, Making imitation. A. Unger. 2,220,589; Nov. 5.
Astrological machine, Coin-controlled. V. F. Slezak. 2,189,641; Feb. 6.
Astronomical device. G. B. Gallup. 2,188,041; Jan. 23.
Asymmetric objective. A. W. Tronnier. 2,202,749; May 28.
Athletic apparatus. K. N. Julsrud and C. H. Whipple. 2,212,119; Aug. 20.
Athletic equipment. R. E. Jones. 2,214,464; Sept. 10.
Athletic implement and making same. W. G. Curry. 2,221,421; Nov. 12.
Atmosphere, Providing nonoxidizing. R. J. Wean. 2,187,594; Jan. 16.
Atmospheric pressure responsive device. H. Heinrich and A. Schweizer. 2,225,270; Dec. 17.
Atomizer. C. C. Daggett. 2,201,029; May 14.
Atomizer. E. A. Mikosz. 2,203,576; June 4.
Atomizer. R. C. Seyforth. 2,189,229; Feb. 6.
Atomizer and heater for force feed lubricators, Lubricant. J. C. Burford. 2,203,046; June 4.
Atomizer and mixer, Combination. W. C. Coleman. 2,193,270; Mar. 12.
Atomizer device. W. S. Bowen. 2,185,369; Jan. 2.
Atomizer of the Venturi type, Fuel. W. J. Linn. 2,191,218; Feb. 20.
Atomizer, Oil. R. E. Schultz and E. L. Kullmann. 2,196,685; Apr. 9.
Atomizer, Variable capacity. F. A. Bergey. 2,223,055; Nov. 26.
Atomizing device. H. Holmboe and A. B. Cosper. 2,213,522; Sept. 3.
Attaching apparatus. A. P. Bedford. 2,196,159; Apr. 2.
Attaching clip. W. B. Kamen. 2,186,586; Jan. 9.
Attaching clip. W. R. Wiley. 2,195,068; Mar. 26.
Attaching device for key chains and the like. J. T. Rawlings. 2,209,475; July 30.
Attaching means for landing nets. J. Stewart. 2,212,756; Aug. 27.
Attachment and tubular rivet therefor, Fluid-tight. H. E. Waner. 2,188,422; Jan. 30.
Attachment for accordions, Tremulant. M. De Bellis. 2,196,142; Apr. 2.
Attachment for apprehending motor vehicles. J. W. Thompson. 2,194,623; Mar. 26.
Attachment for arm rest for furniture. E. E. Steadman. 2,201,354; May 21.
Attachment for bird cages. E. W. Little. 2,221,840; Nov. 19.
Attachment for blowpipes, Small hole cutting. L. W. Young. 2,224,242; Dec. 10.
Attachment for blow torches. G. H. Stoddard. 2,220,738; Nov. 5.
Attachment for cans, Pouring. S. J. Krannak. 2,210,676; Aug. 6.
Attachment for carburetors. C. R. Post. 2,217,813; Oct. 15.
Attachment for carrying batteries suspended on a belt. F. La Van. 2,190,601; Feb. 13.
Attachment for cloth-cutting machines, Sharpening. A. P. Komow. 2,189,863; Feb. 13.
Attachment for corn harvesters. A. J. Maciejko. 2,185,412; Jan. 2.
Attachment for cultivators. J. O. Simmons, Sr. 2,190,166; Feb. 13.
Attachment for electrical frequency shifters. H. R. Clark. 2,188,829; Jan. 30.
Attachment for eyeglasses. F. E. Goehring, Sr. 2,217,475; Oct. 8.
Attachment for file cabinets. O. K. Corken. 2,211,199; Aug. 13.
Attachment for filing cabinets. A. E. Shallish. 2,205,824; June 25.
Attachment for fishing reels, Antibacklash. A. E. Guy. 2,189,952; Feb. 13.
Attachment for flexible tubing and fixing it. R. Tondeur. 2,214,491; Sept. 10.
Attachment for golf clubs. W. E. Whitney. 2,218,943; Oct. 22.
Attachment for grinding machines, Indexing. C. G Flygare. 2,185,546; Jan. 2.
Attachment for grinding machines, Indexing. G. T. Muskovin. 2,185,560; Jan. 2.
Attachment for hand operation of foot brakes and the like. P. H. Armstrong. 2,185,170; Jan. 2.
Attachment for hoists, Work supporting. H. E. Sloan, H. E. Sloan, Jr., and G. A. Highberg. 2,215,431; Sept. 17.
Attachment for incandescent lamps. R. D. Schnoor. 2,225,183; Dec. 17.
Attachment for infant's folding bath stand and dressing table. C. T. De Puy. 2,217,658; Oct. 15.
Attachment for internal combustion engines. U. Sauer. 2,211,795; Aug. 20.
Attachment for ironing machines. L. M. Anderson. 2,214,114; Sept. 10.
Attachment for keyboard type musical instruments. J. A. Dezso. 2,187,999; Jan. 23.
Attachment for knitting machines, Fancy. R. H. Lawson. 2,208,699; July 23.
Attachment for ladders, Leveling. N. E. Stenroos. 2,205,935; June 25.
Attachment for lathes. W. A. Stone. 2,189,968; Feb. 13.
Attachment for lathes, Metalworking. H. H. Winegar. 2,224,531; Dec. 10.

Attachment for lettering scribers. R. O. Burgess. 2,213,120; Aug. 27.
Attachment for license plates, Advertising. J. E. Barth. 2,197,676; Apr. 16.
Attachment for lister seeders, Damming. C. T. Peacock. 2,187,051; Jan. 16.
Attachment for looms. A. Dubois. 2,201,763; May 21.
Attachment for microscopes, Viewing. E. A. Senecal. 2,185,926; Jan. 2.
Attachment for mowing machines. W. Gaterman. Re. 21,481; June 11.
Attachment for photographic flash guns, etc., Focusing illuminating. O. Steiner. 2,200,458; May 14.
Attachment for pieplates or pans. A. J. Moyen. 2,222,512; Nov. 19.
Attachment for pipe molding machines, Automatic. E. A. Corbin, Jr. 2,225,036; Dec. 17.
Attachment for pistons for internal combustion engine. W. M. Howser. 2,191,854; Feb. 27.
Attachment for presses or the like, Perforating. A. Neuhart. 2,206,112; July 2.
Attachment for putting iron. J. L. Yeager, Jr. 2,223,437; Dec. 3.
Attachment for ripsaws. R. H. Crouch. 2,216,721; Oct. 8.
Attachment for rulers. J. S. Dulczewski. 2,205,621; June 25.
Attachment for scales, Drafting. J. B. Clerke. 2,190,327; Feb. 13.
Attachment for securing a stranded conductor to a rail. E. A. Everett. 2,222,609; Nov. 26.
Attachment for shoe repair machines. P. Spacone. 2,216,378; Oct. 1.
Attachment for shoe rounding and channeling machines, Feed modifying. T. E. Therriault. 2,191,779; Feb. 27.
Attachment for shoes, Nonslip. K. L. Jones. 2,216,947; Oct. 8.
Attachment for shoes, Tap dancing heel and toe. C. Carrara. 2,205,344; June 18.
Attachment for stapling machines. J. T. Dalton. 2,207,912–14; July 16.
Attachment for tables. M. B. Pyle. 2,217,992; Oct. 15.
Attachment for target traps. H. E. McKenzie. 2,191,618; Feb. 27.
Attachment for tractor wheels. V. M. Gilkerson. 2,188,221; Jan 23.
Attachment for tractors, Power lift. T. Brown. 2,197,848; Apr. 23.
Attachment for trowels. J. W. Van Zeeland. 2,190,811; Feb. 20.
Attachment for windshield wipers. M. L. Ryan. Re. 21,367; Feb. 20.
Attachment plug. N. Chirelstein. 2,187,489; Jan. 16.
Attachment plug. A. C. Grohsgal. 2,201,578; May 21.
Attachment plug cap. G. B. Benander. 2,211,591; Aug. 13.
Attachment unit with multicornered shank. F. N. Ross. 2,191,192; Feb. 20.
Attenuator. R. T. Cloud. 2,193,620; Mar. 12.
Attenuator circuit. D. E. Harnett and J. F. Farrington. 2,204,216; June 11.
Attenuator, High impedance. C. E. Burnett. 2,200,055; May 7.
Attic ventilation. L. C. Reed. 2,191,774; Feb. 27.
Attrition mill. W. H. P. Boll. 2,221,176; Nov. 12.
Attrition mill. W. F. Hall. 2,226,429; Dec. 24.
Audible signal. A. F. Erickson. 2,227,074; Dec. 31.
Audible signaling device for use with tanks. F. P. Scully and A. E. Mathey. 2,212,620; Aug. 27.
Audio amplifier circuit. L. E. Orne. 2,190,482; Feb. 13.
Auditory apparatus. A. G. Pohlman. 2,191,832; Feb. 27.
Auger. A. J. Parrish. 2,221,680; Nov. 12.
Auger, Boring and dumping. H. E. Satre. Re. 21,506; July 9.
Auger, Cable lift well. G. and G. Jensen. 2,197,580; Apr. 16.
Austenitic chromium nickel steel alloy. P. Schafmeister. 2,190,486; Feb. 13.
Autoplane. J. A. Johnson. 2,215,003; Sept. 17.
Autopolisher. J. D. Thompson. 2,200,194; May 7.
Auto seat, Convertible. A. Epifano. 2,212,682; Aug. 27.
Autographic resistor. W. C. Pfeiffer. 2,200,638; May 14.
Automatic adjustment. H. C. Swift. 2,216,861; Oct. 8.
Automatic air relief valve. J. Poe. 2,198,291; Apr. 23.
Automatic brake. D. R. Baity. 2,222,326; Nov. 19.
Automatic clutch. O. J. Hawks. 2,197,469; Apr. 16.
Automatic clutch. C. E. Henriod. 2,205,833; June 25.
Automatic clutch. E. R. Evans. 2,216,771; Oct. 8.
Automatic clutch control. F. L. Wolff. 2,212,803; Aug. 27.
Automatic delivery machine. S. Harris. 2,198,168; Apr. 23.
Automatic door lock. H. Wilson. 2,189,748; Feb. 6.
Automatic fluid dispenser. H. W. Fisher. 2,210,206; Aug. 6.
Automatic gaff hook. W. R. Keehn and J. A. Doerfer. 2,191,170; Feb. 20.
Automatic gate. P. F. Danel. 2,207,479; July 9.
Automatic lubricator. T. H. Boyd. 2,194,274; Mar. 19.
Automatic receptacle lock. J. Garthe. 2,191,251; Feb. 20.
Automatic regulation for engine cooling means. H. C. Nissen. Re. 21,312; Jan. 2.
Automatic regulator. A. L. Berger. 2,216,699; Oct. 1.
Automatic reset switch. H. R. Warnke. 2,223,926; Dec. 3.
Automatic separator. H. Brown. 2,225,974; Dec. 24.
Automatic shutoff valve. J. A. Kammerdiner. 2,215,044; Sept. 17.
Automatic speed regulator. F. F. Uehling. 2,187,369; Jan. 16.
Automatic switch. J. Holiday. 2,201,898; May 15.
Automatic switch. D. Wright. 2,205,587; June 25.
Automatic switch, Thermostatically actuated. W. Sattler. 2,191,588; Feb. 27.
Automatic telephone indicator. L. K. Naményi. 2,217,523; Oct. 8.
Automatic time switch. H. W. Daggs. 2,213,459; Sept. 3.
Automatic time switch. W. Johnson. 2,221,544; Nov. 12.
Automatic toothbrush box. A. Brody. 2,197,066; Apr. 16.
Automatic tow bar. H. H. Rodin. 2,210,008; Aug. 6.
Automatic towing and steering device. H. H. Rodin. 2,212,480; Aug. 20.
Automatic traffic control system. P. P. Horni. 2,212,985; Aug. 27.
Automatic valve. G. R. Benz and C. MacSporran. 2,219,408; Oct. 29.
Automatic valve. M. A. Sisk. 2,198,487; Apr. 23.
Automatic windshield cleaner. R. E. Rousseau. 2,206,822; July 2.
Automobile. J. M. Cercownay. 2,214,575; Sept. 10.
Automobile. C. Jobst. 2,210,590; Aug. 6.
Automobile, Ambulance. H. T. Nicou. 2,222,570; Nov. 19.
Automobile bodies and the like, Straightening out deformed. S. Mandl. 2,200,133; May 7.
Automobile bodies, Making juvenile. S. A. Snell. 2,192,534; Mar. 5.
Automobile body. A. A. Friedstedt. 2,193,416; Mar. 12.
Automobile body. M. Klavik. 2,202,456; May 28.
Automobile body. E. S. MacPherson. 2,213,010; Aug. 27.
Automobile body construction. J. M. Atwater. 2,191,269; Feb. 20.
Automobile-body heater. E. C. Booth. 2,227,386; Dec. 31.
Automobile body heater. W. T. Downs. 2,213,364; Sept. 3.
Automobile body heater. D. R. Grossman. 2,198,812; Apr. 30.
Automobile body roof frame structure. P. O. Krogh. 2,185,345; Jan. 2.
Automobile body suspension device. S. L. Hansen. 2,210,288; Aug. 6.
Automobile control. R. A. Fuhrer. 2,210,237; Aug. 6.
Automobile control device. W. R. MacKay. 2,224,441; Dec. 10.
Automobile control mechanism. E. H. Lange. 2,223,149; Nov. 26.
Automobile decking device. W. J. Nightingale. 2,204,377; June 11.
Automobile directional signal. M. Corpora. 2,186,098; Jan. 9.
Automobile directional signal, Automatic. V. M. Rhiner. 2,226,140; Dec. 24.
Automobile door. W. L. Morrison. 2,192,928; Mar. 12.
Automobile door handle. M. J. Roach. 2,190,951; Feb. 20.
Automobile door lock. A. P. Baker. 2,217,151; Oct. 8.
Automobile door lock. E. C. Bode. 2,191,437; Feb. 27.
Automobile door lock. C. L. Crooks. 2,224,671; Dec. 10.
Automobile door lock. H. A. Pearce. 2,189,992; Feb. 13.
Automobile door support. F. E. Ellis, Jr. 2,213,461; Sept. 3.
Automobile frame. E. Almdale. 2,194,349; Mar. 19.
Automobile frame. E. Almdale. 2,222,929; Nov. 26.
Automobile frame. I. G. Eklund. 2,194,356; Mar. 19.
Automobile frame. R. H. Wallace. 2,189,719; Feb. 6.
Automobile frames, Making. E. Riemenschneider. 2,192,560; Mar. 5.
Automobile glass control lock. L. C. Ruska. 2,190,047; Feb. 13.
Automobile handy table. C. J. Stone. 2,227,329; Dec. 31.
Automobile heater. H. J. De N. McCollum. 2,188,152; Jan. 23.
Automobile heater. H. J. De N. McCollum. 2,191,173–8; Feb. 20.
Automobile heater. H. J. De N. McCollum. 2,200,232; May 7.
Automobile heater. H. J. De N. McCollum. 2,226,611–2; Dec. 31.
Automobile heater. A. W. Le Fevre. 2,223,178; Nov. 26.
Automobile heater. J. V. Pagliaroni. 2,187,281; Jan. 16.
Automobile heating apparatus. W. H. Kuehn. 2,211,-831; Aug. 20.
Automobile hood. J. Haltenberger. 2,188,891; Jan. 30.
Automobile hood. J. Haltenberger. 2,204,990–1; June 18.
Automobile hood latch. W. S. Saunders. 2,199,467–8; May 7.
Automobile hood lock. L. Bulat. 2,218,257; Oct. 15.
Automobile insulation. C. J. Van Buren. 2,223,395; Dec. 3.
Automobile jack. F. S. Armstrong. 2,188,698; Jan. 30.
Automobile jack. M. B. Lucker. 2,227,396; Dec. 31.

Automobile jack. R. Q. Short. 2,207,640; July 9.
Automobile jacking device. J. F. McNally and J. F. Toomey. 2,217,317; Oct. 8.
Automobile license plate lock. W. F. A. Buehner. 2,204,790; June 18.
Automobile lift. E. B. Thompson. 2,216,058; Sept. 24.
Automobile loading frame. L. H. Cooper and W. J. Nightingale. 2,204,034; June 11.
Automobile locking and circuit control structure. R. A. Sandberg. 2,207,164; July 9.
Automobile parking and storing unit. M. E. Mitchell. 2,223,962; Dec. 3.
Automobile parking device. J. L. Barr. 2,206,623; July 2.
Automobile parking device. J. L. S. Kirby. 2,200,027; May 7.
Automobile radio receiver. O. E. Wagenknecht. 2,211,994; Aug. 20.
Automobile repair tool. A. G. Gerdes. 2,185,550; Jan. 2.
Automobile signal. W. Rudolph. 2,190,124; Feb. 13.
Automobile signal. A. H. Townsend and W. C. Augenstein. 2,219,203; Oct. 22.
Automobile signal. H. Vegdahl. 2,193,952; Mar. 19.
Automobile signal switch. P. W. Pybus. 2,215,229; Sept. 17.
Automobile speed governor. J. C. Weaver. 2,223,502; Dec. 3.
Automobile spring wheel. O. B. Olson. 2,211,758; Aug. 20.
Automobile steering means. M. H. Hollingsworth. 2,207,736; July 16.
Automobile stop signal. E. E. Ricard. 2,199,756; May 7.
Automobile theft detector. W. T. Mead. 2,189,149; Feb. 6.
Automobile top, Retractable. F. C. Ruppel and R. H. Dietrich. 2,215,363; Sept. 17.
Automobile towing device. C. Williams and C. A. Nogar. 2,206,991; July 9.
Automobile transmission control. H. L. Chisholm, Jr. 2,223,406; Dec. 3.
Automobile turning signal. P. Palmgren. 2,205,048; June 18.
Automobile wheel. M. P. Golod. 2,209,967; Aug. 6.
Automobile wheel jack. T. H. Forehand. 2,205,719; June 25.
Automotive apparatus. C. M. Jameson. 2,218,398; Oct. 15.
Automotive equipment. W. B. Paine and A. A. Agueeff. 2,189,221; Feb. 6.
Automotive lift. A. Jackson and V. S. Makaroff. 2,212,940; Aug. 27.
Automotive mechanism. P. Heftler and L. G. Carmick, Jr. 2,215,423; Sept. 17.
Automotive signal. V. W. Schultz. 2,187,060; Jan. 16.
Automotive tool. C. R. Jordan. 2,202,585; May 28.
Automotive vehicle. F. W. Avila. 2,187,410; Jan. 16.
Auxiliary fireplace heater. T. Mairs. 2,199,836; May 7.
Auxiliary lock. R. H. Smythe. 2,226,640; Dec. 31.
Auxiliary switch. W. A. Atwood. 2,204,393; June 11.
Aviation spark plug. J. Devine. 2,208,667–8; July 23.
Awning. S. G. Bond. 2,187,639; Jan. 16.
Awning arm adjustment. H. C. Heiser. 2,214,371; Sept. 10.
Awning, Automobile. G. W. Johnson. 2,199,134; Apr. 30.
Awning, Collapsible. C. J. Mather. 2,213,141; Aug. 27.
Awning enclosure. C. D. Lowry and P. E. Spahn. 2,205,015; June 18.
Awning, Metal. J. F. Jenkins and F. W. Burrows. 2,204,363; June 11.
Awning, Slatted. C. B. Grant. 2,205,721; June 25.
Awning structure. B. A. De Bord. 2,201,887; May 21.
Ax provided with a swingable head adapted to be locked in different positions. E. R. Bergkvist and K. H. Eriksson. 2,193,708; Mar. 12.
Axle, Adjustable trailer. O. J. Wolfe. 2,190,091; Feb. 13.
Axle and bearing construction. F. G. Hughes. 2,206,323; July 2.
Axle and wheel spindle, Front. F. M. Schatz. 2,187,249; Jan. 16.
Axle assembly, Tandem. M. J. Konetsky. 2,204,087; June 11.
Axle, Automotive drive. R. C. Russell. 2,191,833; Feb. 27.
Axle, Automotive vehicle. B. H. Urschel. 2,218,127; Oct. 15.
Axle construction. D. D. Ormsby. 2,187,614; Jan. 16.
Axle, Double reduction. H. C. Snow. 2,225,720; Dec. 24.
Axle drive and suspension means, Rear. C. Borgward. 2,226,047; Dec. 24.
Axle, Driving. A. H. Rzeppa. 2,187,843; Jan. 23.
Axle driving unit for motor vehicles, Dual. E. T. Price. 2,206,752; July 2.
Axle housing. C. L. Wilber. 2,204,287; June 11.
Axle housings, Forming. W. E. Schirmer. 2,188,316; Jan. 30.
Axle housings, Making. R. H. Maddock. 2,199,502; May 7.
Axle housings, Reinforcing banjo type. G. Spatta. 2,194,101; Mar. 19.
Axle of rear-motored automobiles, Front. M. Klavík. 2,221,196; Nov. 12.
Axle, Road vehicle driving. S. F. Armington and V. L. Snow. 2,222,697; Nov. 26.
Axle sleeve, Vehicle. E. T. Price. 2,210,499; Aug. 6.
Axle, Steering drive. B. W. Keese. 2,212,193; Aug. 20.
Axle structure. C. Smesne. 2,226,327; Dec. 24.
Axle structure, Driven steering wheel. A. W. Herrington. 2,188,861; Jan. 30.
Axle suspension, Vehicle. Z. Hollos. 2,196,556; Apr. 9.
Axle to two different planes, Device for determining the inclination of an. N. O. Bergquist. 2,194,995; Mar. 26.
Axle, Truck. R. J. Burrows and A. O. Williams. 2,222,603; Nov. 26.
Axles and the like, Manufacturing. A. B. Steigerwalt. 2,212,903; Aug. 27.
Axminster setting frame. C. C. Blom. 2,192,889; Mar. 12.
Azeotropic distillation. E. Field. 2,212,810; Aug. 27.
Azeotropic distillation systems, Starting and balancing. A. W. Bright and J. H. Zeigler. 2,199,982; May 7.
Azimuth and bearing circle, Combination. W. Naecker. 2,220,945; Nov. 12.
Azo compound. H. W. Daudt and H. E. Woodward. 2,194,927; Mar. 26.
Azo compound and coloring therewith. J. G. McNally and J. B. Dickey. 2,217,693; Oct. 15.
Azo compound and coloring therewith. J. G. McNally and J. B. Dickey. 2,218,247; Oct. 15.
Azo compounds. J. G. McNally and J. B. Dickey. 2,206,911; July 9.
Azo compounds. A. R. Murphy and S. S. Rossander. 2,191,800; Feb. 27.
Azo compounds and coloring therewith. J. B. Dickey. 2,196,757; Apr. 9.
Azo compounds and coloring therewith. J. B. Dickey. 2,206,885; July 9.
Azo compounds and coloring therewith. J. B. Dickey and J. R. Byers, Jr. 2,196,745; Apr. 9.
Azo compounds and coloring therewith. J. G. McNally and J. B. Dickey. 2,193,037; Mar. 12.
Azo compounds and coloring therewith. J. G. McNally and J. B. Dickey. 2,196,221–2; Apr. 9.
Azo compounds and coloring therewith. J. G. McNally and J. B. Dickey. 2,200,004; May 7.
Azo compounds and coloring therewith. J. G. McNally and J. B. Dickey. 2,204,607; June 18.
Azo compounds and dyeing therewith. J. B. Dickey and J. G. McNally. 2,199,987; May 7.
Azo compounds and fiber dyed therewith. J. G. McNally and J. B. Dickey. 2,206,099; July 2.
Azo compounds and fiber dyed therewith. J. G. McNally and J. B. Dickey. 2,225,651; Dec. 24.
Azo compounds and material colored therewith. J. B. Dickey. 2,198,002; Apr. 23.
Azo compounds and material colored therewith. J. B. Dickey. 2,213,731; Sept. 3.
Azo compounds and material colored therewith. J. B. Dickey. 2,221,020; Nov. 12.
Azo compounds and material colored therewith. J. B. Dickey. 2,221,911; Nov. 19.
Azo compounds and material colored therewith. J. B. Dickey. 2,226,199; Dec. 24.
Azo compounds and material colored therewith. J. B. Dickey and J. G. McNally. 2,200,543; May 14.
Azo compounds and material colored therewith. J. B. Dickey and J. G. McNally. 2,224,144; Dec. 10.
Azo compounds and material colored therewith. J. G. McNally and J. B. Dickey. 2,200,006 May 7.
Azo compounds and material colored therewith. J. G. McNally and J. B. Dickey. 2,211,339; Aug. 13.
Azo compounds and material colored therewith. J. G. McNally and J. B. Dickey. 2,213,740; Sept. 3.
Azo compounds and material colored therewith. J. G. McNally and J. B. Dickey. 2,221,027–9; Nov. 12.
Azo compounds and material colored therewith. J. G. McNally and J. B. Dickey. 2,226,174; Dec. 24.
Azo compounds, Selective reduction of. S. S. Rossander. 2,199,576; May 7.
Azo dyestuffs and producing same. A. Siegel. 2,212,956; Aug. 27.
Azo pigment and coating composition containing the same. A. Siegel. 2,225,665; Dec. 24.
Azo pigment composition. T. A. Martone. 2,224,574; Dec. 10.
Baby dressing table. P. F. Meilink. 2,203,538; June 4.
Backfire door. J. S. Hasbrouck. 2,197,148; Apr. 16.
Backfire oil trap. F. A. Donaldson. 2,219,176; Oct. 22.
Backlash eliminator. F. A. Parsons. 2,195,799; Apr. 2.
Back, Lazy. U. R. Beck. 2,186,318; Jan. 9.
Back or seat cover. E. R. Wagner. 2,223,861; Dec. 3.
Back pressure valve. J. C. Fortune. 2,185,173; Jan. 2.
Back pressure valve. K. H. Swart. 2,191,778; Feb. 27.
Back rest. A. Vanderkelen. 2,186,220; Jan. 9.
Back rest. H. O. Westenbarger. 2,191,360; Feb. 20.
Back rest and pull-out for sliding couches. S. Weissman and R. Weisman. 2,189,188; Feb. 6.
Back rest for bathtubs. A. G. Dana. 2,221,297; Nov. 12.
Back rest for use in a bathtub. A. M. Haas. 2,200,247; May 14.
Back rest, Studio couch. E. E. Woller. 2,211,222; Aug. 13.
Backstop, Basketball. G. R. Chervenka and L. A. Maune. 2,194,786; Mar. 26.

Back spacing mechanism. J. P. Barkdoll. 2,217,654; Oct. 15.
Back washer. B. E. Large. 2,187,977; Jan. 23.
Backing device for propeller-driven vessels. N. J. Didriksen. 2,200,836; May 14.
Backing machine, Double. H. W. Bruker and C. S. Thorn. 2,219,065; Oct. 22.
Bactericidal treatment, Process and apparatus. R. H. Reiter. 2,193,908; Mar. 19.
Badge. P. F. Brautigam. 2,224,179; Dec. 10.
Baffle. G. T. Jacocks. 2,202,494; May 28.
Baffle and heat conserver means, Combined. G. Faulds. 2,195,027; Mar. 26.
Baffle and heat retaining means for furnaces. G. Faulds. 2,186,373; Jan. 9.
Baffle construction, Vehicle radiator. G. A. Lyon. 2,197,502; Apr. 16.
Baffle for furnaces. A. di Filippo. 2,204,036; June 11.
Baffle for ignitrons. J. Slepian and W. E. Pakala. 2,196,401; Apr. 9.
Baffle for light sensitive control apparatus. M. O. Williams. 2,203,761; June 11.
Baffle, Generating. D. E. Wegner. 2,226,455; Dec. 24.
Bag: *See*—

Base bag.
Display bag.
Double capacity bag.
Garment bag.
Golf bag.
Hat storage and transportation bag.
Ice carrying bag.
Laundry bag.
Mail bag.
Material depositing bag.
Shopping bag.
Ski bag.
Sweeper dust bag.
Traveling bag.
Therapeutic bag.
Throat bag.
Tea bag.
Vacuum paper bag.
Water bag.

Bag. T. M. Avery. 2,193,755; Mar. 12.
Bag. M. Vogel-Jorgensen. 2,201,675; May 21.
Bag. W. J. Westendorf. 2,210,351; Aug. 6.
Bag. H. A. Wolf. 2,215,989; Sept. 24.
Bag and handle. A. B. Fishwick. 2,192,131; Feb. 27.
Bag and making same. H. F. Waters. 2,220,873; Nov. 5.
Bag and making the same, Tea or coffee. J. Yates. 2,224,753; Dec. 10.
Bag and producing it, Sealed. S. N. Williams and W. E. Higginbottom. 2,197,490; Apr. 16.
Bag assemblage. T. E. Piazze. 2,197,113; Apr. 16.
Bag closing unit, Filled. N. V. Christensen. Re. 21,472; June 4.
Bag closure device. J. L. Kellogg. 2,220,409; Nov. 5.
Bag, coffee bag, and the like, Tea. R. N. Doble. 2,187,417; Jan. 16.
Bag emptying device. R. B. Small. 2,224,094; Dec. 3
Bag emptying device for vacuum cleaners. W. Leathers 2,224,093; Dec. 3.
Bag filling and weighing device. J. J. and H. G. Neuman. 2,191,147; Feb. 20.
Bag filling machine. F. W. Haver. 2,202,655; May 28.
Bag for automobiles, Traveling. W. A. Rush. 2,196,341; Apr. 9.
Bag for vacuum cleaners, Auxiliary. M. E. Evans. 2,188,428; Jan. 30.
Bag holder. A. C. Abbott. 2,220,632; Nov. 5.
Bag holder. M. S. Jones. 2,188,047; Jan. 23.
Bag machine. A. Koppel. 2,214,502; Sept. 10.
Bag machine. H. H. Orr. 2,222,541; Nov. 19.
Bag making machine, Paper or like. F. G. Robinson. 2,224,656; Dec. 10.
Bag of paper or the like material and the manufacture thereof. J. C. Hellema. 2,203,726; June 11.
Bag packing device. T. E. Allison. 2,220,139; Nov. 5.
Bag rack. C. J. Olund. 2,208,470; July 16.
Bag stem, Air. J. C. Crowley. 2,218,639; Oct. 22.
Bag support, Golf. J. Staugaitis. 2,199,055; Apr. 30.
Bag supporting device. A. C. Hoffman. 2,213,929; Sept. 3.
Bag valve tucking machine. W. E. Sharkey. 2,205,633; June 25.
Bags and of similar containers, Device for facilitating the closing of. R. Schäfer. 2,210,859; Aug. 6.
Bags and the like, Method of and apparatus for making. A. Potdevin and P. Hunziker. 2,191,497; Feb. 27.
Bags and the like, Method of and apparatus for making. A. Potdevin and P. Hunziker. 2,216,212; Oct. 1.
Bags, envelopes and the like, Manufacture of paper and like. G. W. French. 2,212,469; Aug. 20.
Bags, Forming and filling. L. L. Salfisberg. 2,195,740; Apr. 2.
Bags, Forming open mesh. W. E. Sackner and J. E. Millett. 2,202,996; June 4.
Bags, Making. T. M. Avery. 2,193,756; Mar. 12.
Bags, Making. T. E. Piazze. 2,197,112; Apr. 16.
Bags, Making handled shopping. H. K. Steen. 2,221,617; Nov. 12.
Bags, Making impervious. G. A. Moore. 2,189,431; Feb. 6.
Bags, Making reinforced paper. G. W. Poppe. 2,217,493; Oct. 8.
Bags, Making siftproof. G. W. Poppe. 2,209,901; July 30.
Bags, Manufacture of paper. K. Rohrbacher. 2,202,431; May 28.
Bags, Manufacturing. W. E. Woehlert. 2,225,288; Dec. 17.
Bags, Method of closing. H. Volksdorf. 2,200,313; May 14.
Bags or envelopes, Making. J. J. Brell and H. Radzinsky. 2,211,556; Aug. 13.
Bags, Sealing. J. A. Farmer. 2,188,039; Jan. 23.
Bags, Treating used. G. I. Goldwyn. 2,226,855; Dec. 31.
Bailer. C. C. Taylor. Re. 21,565; Sept. 10.
Bailer, Bottom dumping cement. A. S. Sorben. 2,207,418; July 9.
Bailer bottom element. V. M. Vesely. 2,217,147; Oct. 8.
Bailer dump bottom. L. D. Mowrey. 2,223,265; Nov. 26.
Bailer, Hydrostatic. C. E. Van Stone and A. E. Johnson. 2,191,223; Feb. 20.
Bailer, Oil well. W. Tarkington. 2,198,490; Apr. 23.
Bailer or sand pump. W. A. Larson and H. T. Swortwood. 2,187,042; Jan. 16.
Bailer, Self-loading and unloading. H. D. Sandstone. 2,192,065; Feb. 27.
Bailer, Well cleanout. L. F. Brauer. 2,220,989; Nov. 12.
Bails, Reforming. R. C. Taylor. 2,210,961; Aug. 13.
Bait. D. N. Deering. 2,218,280; Oct. 15.
Bait. E. L. Woodley. 2,214,360; Sept. 10.
Bait, Artificial. C. F. Larzelere. 2,212,291; Aug. 20.
Bait, Artificial. A. J. Lauby. 2,187,475; Jan. 16.
Bait, Artificial. A. J. Lauby. 2,215,908; Sept. 24.
Bait, Artificial. O. Sherer. 2,209,096; July 23.
Bait, Artificial fish. F. A. Arbogast. 2,207,425; July 9.
Bait, Artificial fish. C. L. Goldammer. 2,190,449; Feb. 13.
Bait, Artificial fish. H. F. Khoenle. 2,199,001; Apr. 30.
Bait, Artificial fish. W. H. Schumann. 2,187,666; Jan. 16.
Bait box, Live. E. M. Lyon. 2,203,203; June 4.
Bait, Casting. J. W. Singleton. 2,204,552; June 18.
Bait casting device. J. C. Shotton. 2,225,719; Dec. 24.
Bait, Fish. A. N. George. 2,217,677; Oct. 15.
Bait holder. R. B. Hollopeter. 2,207,319; July 9.
Bait, Illuminated. K. R. Larson. 2,190,791; Feb. 20.
Baked goods, baked goods mix, and making the same. W. R. Voss. 2,197,820; Apr. 23.
Baked goods, Manufacture of. J. Freilich and C. N. Frey. 2,215,957; Sept. 24.
Baked goods, Procedure for the manufacture of. J. MacManus. 2,187,354; Jan. 16.
Bakepan. H. E. Kratzer. 2,221,052; Nov. 12.
Bakepan cover. R. C. Oltman. 2,188,543; Jan. 30.
Bakepan set. G. G. Young. 2,188,492; Jan. 30.
Bakery composition. R. L. Lloyd. 2,210,857; Aug. 6.
Bakery machinery. B. Rubel. 2,193,382; Mar. 12.
Bakery materials, Preparation of. H. F. Bauer and B. W. Thayer. 2,197,784; Apr. 23.
Bakery products, Preserving. M. D. Coulter. 2,193,622; Mar. 12.
Baking pan rack. G. J. Horak. 2,218,644; Oct. 22.
Baking shell, Pearl. M. Botkin and C. F. Nord, Sr. 2,200,325; May 14.
Balance. M. H. Van H. Battenberg. 2,191,635; Feb. 27.
Balance, Gravity torsion. F. E. Wright and J. L. England. 2,218,140; Oct. 15.
Balance, Precision. J. Gattoni. 2,192,905; Mar. 12.
Balance, Precision. J. Gattoni. 2,222,658; Nov. 26.
Balance, Sash. J. A. Krish. 2,202,740; May 28.
Balance, Sash. A. Viehweger. 2,218,777; Oct. 22.
Balanced gear pump. A. S. T. Vrolix. 2,212,994; Aug. 27.
Balanced valve. W. F. Mesinger. 2,212,210; Aug. 20.
Balancer for ladders. H. Schwarz and C. A. Eilers. 2,203,445; June 4.
Balancing and leakage device for centrifugal pumps. A. R. Weis and G. E. Bigelow. 2,221,225; Nov. 12.
Balancing apparatus. R. D. Hulslander. 2,220,404; Nov. 5.
Balancing apparatus. E. L. Thearle. 2,196,039; Apr. 2.
Balancing reciprocating element. R. S. Thompson. 2,194,249; Mar. 19.
Balancing system for engines and machines having radially arranged cylinders. R. Mederer. 2,212,272; Aug. 20.
Bale block dropper. S. Russell. 2,208,056; July 16.
Bales of hay or the like, Binding. F. A. Grounds and G. W. Van Hoose. 2,198,913; Apr. 30.
Baling machine feeder. S. Russell. 2,205,278; June 18.
Baling press. A. C. Barrows, H. L. Haines and G. W. Langford. 2,205,460; June 25.
Baling press. G. W. Langford and A. C. Barrows. 2,210,591; Aug. 6.
Baling press. W. L. Steinhauer. 2,207,032; July 9.
Ball. J. Wahlberg. 2,219,154; Oct. 22.
Ball and making same, Reinforced. W. J. Voit and L. C. Weimer. 2,194,132; Mar. 19.
Ball and manufacture, Billiard. W. R. Thompson. 2,223,394; Dec. 3.
Ball and socket joint. P. Ruffo. 2,187,915; Jan. 23.
Ball-and-socket joint, Surface rod. A. R. Loop. 2,195,336; Mar. 26.
Ball and support therefor, Exercising. J. R. Evans. 2,186,016; Jan. 9.
Ball and the like. Y. C. Le Guillou. 2,219,074; Oct. 22.
Ball, Animal. R. J. Dorn. 2,217,434; Oct. 8.
Ball, Athletic. W. J. Voit and L. C. Weimer. 2,221,533; Nov. 12.
Ball bearing screw jack. L. D. Sturm. 2,227,111; Dec. 31.
Ball bearing, Thrust. M. Katcher. 2,219,321; Oct. 29.

Ball, Bowler's grip. H. B. Shepard. 2,188,868; Jan. 30.
Ball, Bowling. F. M. Darby. 2,210,528; Aug. 6.
Ball, Bowling returnway. H. E. Passow. 2,226,872; Dec. 31.
Ball centers, Manufacturing playing. C. C. Davis and J. H. Gregory. 2,189,514; Feb. 6.
Ball, Covered sachet. J. E. Vivaudou and H. G. Lubin. 2,215,988; Sept. 24.
Ball crank motor. T. M. Berry. 2,206,871; July 9.
Ball delivery machine. V. Zamora. 2,203,886; June 11.
Ball, Feather. C. S. Raizen and W. D. May. 2,193,645; Mar. 12.
Ball game apparatus. J. Comoletti. 2,206,318; July 2.
Ball, Gear shift. G. F. Bahr. 2,199,018; Apr. 30.
Ball, Golf. J. R. Gammeter. 2,225,213; Dec. 17.
Ball, Inflatable. P. S. Madsen. 2,218,919; Oct. 22.
Ball, Inflated. M. B. Reach. 2,211,669; Aug. 13.
Ball joint. A. Venditty. 2,202,276; May 28.
Ball, Making an inflated. M. B. Reach. 2,211,670; Aug. 13.
Ball making machine. O. V. Osborne. 2,208,595; July 23.
Ball, Manufacturing a game. W. J. Voit and L. C. Weimer. 2,213,479; Sept. 3.
Ball mill. A. Pereny. 2,212,452; Aug. 20.
Ball mill. H. Reynolds. 2,215,766; Sept. 24.
Ball or roller bearing. J. W. Foley. 2,221,512–3; Nov. 12.
Ball, Play or game. M. B. Reach. 2,219,078; Oct. 22.
Ball, Playing. H. T. Owen. 2,213,013; Aug. 27.
Ball projector. L. F. Clark. 2,225,820; Dec. 24.
Ball retriever. I. Macdonald. 2,203,170; June 4.
Ball retriever and the like. Y. C. Le Guillou. 2,218,825; Oct. 22.
Ball retriever, Golf. J. C. Haverbach. 2,213,190; Sept. 3.
Ball rolling game. R. T. Moloney and F. G. Nicolaus. 2,201,446; May 21.
Ball-sleeve joint, Self-adjusting safety. C. E. Smith. 2,200,643; May 14.
Ball, Strap. R. Kloepping. 2,226,246; Dec. 24.
Ball type detachable coupling. J. H. Tobler. 2,221,064; Nov. 12.
Ball type joint. R. W. Niles. 2,206.972; July 9.
Ball valve. M. McFee. 2,196,503; Apr. 9.
Ball valve. L. A. Ward. 2,214,290; Sept. 10.
Ball washer, Golf. L. Mollart. 2,198,441; Apr. 23.
Balls, Making athletic. W. J. Voit and L. C. Weimer. 2.221.534; Nov. 12.
Balls, Making hollow elastic. F. T. Roberts. 2,211,028; Aug. 13.
Balls, Making play or game. M. B. Reach. 2,214,179; Sept. 10.
Balls, Making tennis. F. T. Roberts. 2,210,954; Aug. 13.
Balls, Method and apparatus for covering. W. J. Voit and L. C. Weimer. 2,224,363; Dec. 10.
Balls, Soilproofing tennis. J. B. Dickson and J. Herman. 2,192,071; Feb. 27.
Ballast cleaning machine. W. G. Van Voorhis and C. A. Crabiel. 2,196,880; Apr. 9.
Ballast working implement. C. Jackson. 2,203,018; June 4.
Balloons, Coloring of meteorological. A. P. Rehbock. 2,197,261; Apr. 16.
Ballot. C. W. Foster. 2,190,019; Feb. 13.
Banana product and banana drying process. H. D. Rey. 2,192,273; Mar. 5.
Bananas, Handling. S. G. Hagopian. 2,207,731; July 16.
Band amplifier circuit, Split side. W. H. Wirkler. 2,210,968; Aug. 13.
Band blade slicing machine, Multiple. W. W. Hartman. 2,205,527; June 25.
Band-filter coupling circuit for television amplifiers. K. Schlesinger. 2,224,115; Dec. 3.
Band for phonographic disks, Controlling and illustrating. G. G. Schoch. 2,202,925; June 4.
Band or chain, Driving. G. J. Abbott. 2,225,851; Dec. 24.
Band-pass control means for radio sets. J. F. Silver. 2,210,604; Aug. 6.
Band-pass filter. H. A. Wheeler. 2,206,990; July 9.
Band pass filter, High impedance. V. D. Landon. 2,187,805; Jan. 23.
Band-pass selector. N. P. Case. 2,216,874; Oct. 8.
Band-pass selector system. L. F. Curtis. 2,211,458; Aug. 13.
Band-pass selector system. L. F. Curtis. 2,216,160; Oct. 1.
Band-pass selector system. J. F. Farrington. 2,216,998; Oct. 8.
Band-pass selector system. H. M. Lewis. 2,216,997; Oct. 8.
Band-pass selector system. H. A. Wheeler. 2,185,388; Jan. 2.
Band-pass selector, Tunable. M. Cawein. 2,218,980; Oct. 22.
Band separator for strip feeding mechanism, Feed. C. R. Mabon. 2,208,994; July 23.
Band sound carriers, Duplicating endless. K. Daniel. 2,214,406; Sept. 10.
Band spread arrangement in superheterodyne receivers. D. Pasma. 2,210,379; Aug. 6.
Band spread tuning system. P. F. G. Holst and L. R. Kirkwood. 2,207,254; July 9.
Band strapping machine. G. J. Sutton. 2,210,510; Aug. 6.
Band suppression system, Side. J. Plebanski. 2,186,146; Jan. 9.
Band, Sweat. W. F. Sterne. 2,223,332; Nov. 26.
Band width in bandpass filters, Automatic control of. R. Rechnitzer. 2,210,381; Aug. 6.
Band-width indicator for receivers. W. F. Ewald. 2,197,759; Apr. 23.
Band width, Means adapted to regulate the. K. Wilhelm and E. Kettel. 2,187,340; Jan. 16.
Bandage. O. E. Flynn. 2,196,296; Apr. 9.
Bandage, Gauze. J. A. Hinkamp and H. R. Brasel. 2,190,378; Feb. 13.
Bandage, Transparent elastic surgical. H. W. Bower. 2,226,546; Dec. 31.
Bandage winding machine. F. H. Washburn, Jr. 2,194,962; Mar. 26.
Bandages and stiffening bandages commercial products, Manufacture of stiffening. W. O. Herrmann and B. Braun. 2,218,710; Oct. 22.
Banding apparatus. E. H. Bennett and H. R. Schutz. 2,196,094; Apr. 2.
Banding device. G. L. McKee. 2,218,717; Oct. 22.
Banding press. A. B. Lamoreaux. 2.225,345; Dec. 17.
Banjo. I. Angeli. 2,188,127; Jan. 23.
Bank, Can. J. R. McGee. 2,218,431; Oct. 15.
Bank feed. H. K. King. 2,203,531; June 4.
Banner, Aerial. M. S. Du Pont. 2,202,771; May 28.
Banner towing means for airplanes. S. S. Pike. 2.194,869 Mar. 26.
Bar: *See*—
- Automatic tow bar.
- **Chain link bar.**
- Cutter bar.
- **Damper bar.**
- Division, corner, and reverse bar.
- Hydrotherapeutic massage bar.
- Portable bar.
- Push bar.
- Splice bar.
- Swather bar.
- Tow bar.
- Transparent bar.
- Vine grasper bar.
- Wrecking bar.

Bar anchoring means, Vertical. C. D. Lowry. 2,188,411; Jan. 30.
Bar bracket, Venetian blind head. J. Nisenson. 2,201,499; May 21.
Bar feeding machine. A. C. Towne and L. G. Tingwall, Sr. 2,200,708; May 14.
Bar for combine cylinders, Beater. J. F. McWhorter. 2,212,300; Aug. 20.
Bar for winding and similar machines, Traverse. H. Waisman. 2,218,732; Oct. 22.
Bar guiding mechanism, Boring. F. P. Healy. 2,207,861; July 16.
Bar holder clip. L. C. Van Gorden. 2,196,571; Apr. 9.
Bar painter. J. Namet. 2,226,633; Dec. 31.
Bar with balanced ratios, Unbalanced splice. H. L. Lansing. 2,189,009; Feb. 6.
Bar with differential hardened surfaces, Rail joint. G. M. Magee. 2,198,675; Apr. 30.
Bars, Cold working metal. E. Lukács. 2,225,064; Dec. 17.
Bars, Making dividing. S. C. Awbrey. 2,216,898; Oct. 8.
Barbecuing apparatus. A. D. Stafford. 2,205,914; June 25.
Barbituric acid derivative, Composite. C. R. Miller. 2,207,990; July 16.
Barge. J. B. Templeton. 2,200,661; May 14.
Barge for submarine pipe laying. J. H. Childress. 2,215,460; Sept. 24.
Barge loading device. H. C. Elliott. 2,212,064; Aug. 20.
Barium chloride, Making. R. C. Specht. 2,204,192; June 11.
Bark, Producing imitation tree. W. H. Burke. 2,218,740; Oct. 22.
Barometric multi-jet condenser. I. Merlis. 2,214,932; Sept. 17.
Barrel. J. W. Brown. 2,194,518; Mar. 26.
Barrel, Chlorinating. E. P. Jones. 2,210,457; Aug. 6.
Barrel cleaning machine, Automatic. K. E. Dreschsler. 2,196,198; Apr. 9.
Barrel, Enamel lined beer. E. G. Nyberg. 2,198,315; Apr. 23.
Barrel for pencils, pens, or the like, Informative. L. Y. Huffaker. 2,191,662; Feb. 27.
Barrel for pumping oil wells, Scavenger. J. Cubbon. 2,222,897; Nov. 26.
Barrel hoop measuring means. F. E. Evans, Sr. 2,201,135; May 15.
Barrel manufacture. H. L. Hoyt. 2,187,804; Jan. 23.
Barrel, Pressure core. I. S. Salnikov. 2,213,595; Sept. 3.
Barrel rolling or tilting apparatus. C. F. Helmig. 2,226,492; Dec. 24.
Barrel tap fitting. R. W. Larson. 2,194,799; Mar. 26.
Barrel, Orienting core. C. H. Sweet and L. S. Chambers. 2,197,062; Apr. 16.
Barrels and staves, Apparatus for charring whisky. E. H. Little. 2,185,206; Jan. 2.
Barrels, Head of convex. F. Rüsch and P. Sander. 2,200,520; May 14.
Barricade and sign. L. A. Roberts. 2,212,504; Aug. 27.
Barricade, Extensible and flexible. H. B. Moore and C. C. Hunter. 2,221,357; Nov. 12.
Base and mounting means. R. W. Shannon. 2,208,704; July 23.
Base, Annealing. C. E. Freeland. 2,204,889; June 18.

Base, Appliance. W. H. Fischer. 2,204,930; June 18.
Base bag. W. M. Broxton. 2,220,142; Nov. 5.
Baseball bat. F. E. Robarge. 2,195,681; Apr. 2.
Baseball score game. I. W. Garland, H. W. Hull, and H. C. Seaton. 2,210,452; Aug. 6.
Base clamp, Conductor supporting. M. Lee. 2,197,728; Apr. 16.
Base exchange material. A. S. Behrman. 2,210,650; Aug. 6.
Base for air sealed vaults. F. Biszantz. 2,188,524; Jan. 30.
Base for electric appliances, Supporting. H. A. Smith. 2,194,837; Mar. 26.
Base for electric lamps and similar devices. W. G. Davis and H. C. Atkins. 2,198,934; Apr. 30.
Base for electric lamps, tubes, and the like, Contactor. C. W. Haller. 2,185,981; Jan. 2.
Base for incandescent lamps and similar devices. C. A. Brown and C. E. Hahn. 2,210,525; Aug. 6.
Base for portable houses. W. B. Stout. 2,212,757; Aug. 27.
Base for stand-type appliances. R. J. Leheny. 2,224,266; Dec. 10.
Base for well pumps, Sanitary. W. M. Spreng. 2,214,208; Sept. 10.
Base, Lamp. A. Soriano. 2,202,357; May 28.
Base metal alloy. C. J. Koebel. 2,205,888; June 25.
Base plate, Electric. W. L. Prendergast. 2,201,919; May 21.
Base support. A. O. Samuels. 2,189,369; Feb. 6.
Base, Wreath. H. G. Bufton. 2,200,948; May 14.
Bases, Dehydrogenating heterocyclic. C. Graenacher and J. Meyer. 2,226,057; Dec. 24.
Basin cleaner, Catch. A. L. Johnson. 2,196,116; Apr. 2.
Basin for clarifying and cleansing dirty and drain waters. C. Clerici. 2,226,968; Dec. 31.
Basin forming device. F. Thompson. 2,211,917; Aug. 20.
Basin planting attachment. W. S. Graham and F. E. Hand. 2,197,429; Apr. 16.
Basis for face powder, Manufacture of. M. Quaedvlieg. 2,218,586; Oct. 22.
Basket-ball backstop apparatus. E. F. Hoppes, F. C. Garratt, Jr., and W. B. Evans. 2,227,310; Dec. 31.
Basket, Collapsible. A. D. Cowan. 2,224,537; Dec. 10.
Basket, Eel. F. Neumann. 2,193,072; Mar. 12.
Basket for centrifugal machines. W. J. Gibbens, Jr. 2,226,463; Dec. 24.
Basket for coffeepots, Percolater strainer. H. P. and A. W. Serio. 2,204,158; June 11.
Basket machine. W. F. Newhouse. 2,200,560; May 14.
Basket, Market. F. Rokol. 2,218,360; Oct. 15.
Basket packing device, Fruit. J. S. Anderson. 2,220,362; Nov. 5.
Basket, Paperboard. E. W. Backert. 2,195,070; Mar. 26.
Basket, Produce. S. A. Carter. 2,202,832; June 4.
Basket, Washing machine. O. T. Dehle. 2,199,539; May 7.
Bassinet. K. Bianchi. 2,197,333; Apr. 16.
Bassinet and carriage, Combination. C. A. Wylie. 2,191,005; Feb. 20.
Bassinet, Collapsible. J. A. Mahr. 2,196,834; Apr. 9.
Bat. W. V. Schnur. 2,205,578; June 25.
Bat fabricating and cushion making apparatus. A. S. Mitchell. 2,202,710; May 28.
Bat, Table tennis. G. H. Perryman. 2,191,287; Feb. 20.
Batch weighing machine, Automatic. A. C. Christensen. 2,186,575; Jan. 9.
Batching apparatus recording mechanism. J. F. Robb. 2,199,010; Apr. 30.
Bath apparatus, Foam. L. G. Simjian. 2,216,791; Oct. 8.
Bath appliance, Shower. A. Desruisseaux. 2,188,593; Jan. 30.
Bath, Constant temperature. L. M. Mott-Smith. 2,197,190; Apr. 16.
Bath device. M. Westphal. 2,196,787; Apr. 9.
Bath fixture, Shower. J. W. Shook. 2,197,667; Apr. 16.
Bathhouse, Portable. A. J. Wilson. 2,188,213; Jan. 23.
Bath, Internal. F. M. Ross. 2,206,368; July 2.
Bathroom, Prefabricated. R. B. Fuller. 2,220,482; Nov. 5.
Bathtub appliance. R. Graves. 2,222,070; Nov. 19.
Bathtub shower. I. J. D. Fairhurst. 2,204,929; June 18.
Bathing cap. A. L. Hock. 2,192,080; Feb. 27.
Bathing cap. T. J. Howland. 2,206,402; July 2.
Bathing cap. J. C. Johnson. 2,204,895; June 18.
Bathing cap. J. W. Lusk. 2,192,837; Mar. 5.
Bathing cap, Ear-tight. C. Silbert. 2,215,198; Sept. 17.
Batteries, Reconditioning dry cell. W. F. Skinner. 2,199,322; Apr. 30.
Battery. C. F. Burgess. 2,185,829; Jan. 2.
Battery. C. H. King. 2,222,412; Nov. 19.
Battery. H. W. Porth. 2,225,460; Dec. 17.
Battery and cell cover therefor, Storage. O. O. Rieser. 2,223,226; Nov. 26.
Battery and process of its assembly, Storage. J. L. Phillips. 2,205,992; June 25.
Battery cable connector. E. Wenger. 2,222,129; Nov. 19.
Battery cable terminal or the like. P. C. Thompson. 2,222,577; Nov. 19.
Battery carrier. J. A. Wiora. 2,224,561; Dec. 10.
Battery, Cart wheel. C. G. Haesloop. 2,191,651; Feb. 27.
Battery charging apparatus. N. F. Agnew. 2,197,423; Apr. 16.
Battery charging system. W. J. Rady. 2,202,121; May 21.
Battery charging system and flat rectifier therefor, Automobile. F. Conrad. 2,217,471; Oct. 8.
Battery, Coke oven. W. Staeckel. 2,220,919; Nov. 12.
Battery connecting means. A. Hempel. 2,216,666; Oct. 1.
Battery connector. C. E. Dunlap. 2,217,798; Oct. 15.
Battery construction, Dry. W. D. Nichols. 2,209,927; July 30.
Battery construction, Storage. M. A. Hopkins. 2,221,542; Nov. 12.
Battery construction, Storage. O. O. Rieser. 2,189,327; Feb. 6.
Battery cord circuit, Common. B. A. Wallace. 2,201,358; May 21.
Battery cover assembly, Storage. H. E. Waner. 2,201,510; May 21.
Battery, Electric. F. C. F. Portail. 2,221,106; Nov. 12.
Battery, Electric storage. J. A. Flynn. 2,210,450; Aug. 6.
Battery, Electric storage. C. Hodge. 2,212,368; Aug. 20.
Battery, Electric storage. E. W. Smith. 2,193,781; Mar. 12.
Battery eliminator. E. Loewenhaupt. 2,208,933; July 23.
Battery filling device. Asa H. Mosher. 2,209,788; July 30.
Battery grid pasting machine. H. J. Radle. 2,215,438; Sept. 17.
Battery housing. J. W. Greig. 2,196,578; Apr. 9.
Battery lifter and carrier, Storage. A. W. Elliott. 2,219,100; Oct. 22.
Battery, Multiple cell. A. E. Spicer. 2,212,054; Aug. 20.
Battery, Multiple cell dry. A. E. Spicer. 2,185,756; Jan. 2.
Battery paste, Making. B. L. Simpson. 2,219,404; Oct. 29.
Battery paste, Manufacturing storage. W. C. Pritchard and R. A. Daily. 2,217,814; Oct. 15.
Battery paste muller. B. L. Simpson. 2,226,023; Dec. 24.
Battery pasting machine. A. C. Yerkey. 2,195,160; Mar. 26.
Battery plate. E. J. Rueb. 2,213,850; Sept. 3.
Battery plates, Setting storage. E. W. Smith and C. A. Hall. 2,220,004; Oct. 29.
Battery post clamp. A. R. Packard. 2,185,419; Jan. 2.
Battery post connector. B. A. Stocking. 2,192,209; Mar. 5.
Battery, Primary. A. I. Eddy. 2,189,463; Feb. 6.
Battery, Primary. A. I. Eddy. 2,218,193; Oct. 15.
Battery, Secondary or storage. C. A. Hall. 2,195,211–12; Mar. 26.
Battery, Storage. H. W. Carlisle. 2,191,313; Feb. 20.
Battery, Storage. W. H. Grimditch. 2,221,677; Nov. 12.
Battery, Storage. L. L. L. Navarin. 2,210,772; Aug. 6.
Battery, Storage. C. F. Norberg. 2,218,621; Oct. 22.
Battery, Storage. C. E. Pearson. 2,203,797; June 11.
Battery, Storage. R. M. Raney. 2,186,148; Jan. 9.
Battery, Storage. C. H. Rasch. 2,206,122; July 2.
Battery, Storage. E. W. Smith. 2,199,229; Apr. 30.
Battery, Storage. J. Zernike. 2,187,638; Jan. 16.
Battery support. L. Smith and A. J. Ingersoll. 2,197,623; Apr. 16.
Battery system. J. L. Sager. 2,206,306; July 2.
Battery system of roller mills. A. M. Marsh and E. C. Shaw. 2,213,445; Sept. 3.
Battery terminal. L. C. Wolcott. 2,215,415–6; Sept. 17.
Battery terminal. D. Zaborsky. 2,210,827; Aug. 6.
Battery terminal clamp. K. F. Brown. 2,204,269; June 11.
Battery terminal clamp. H. J. Ellen and W. W. Martin. 2,208,791; July 23.
Battery terminal clamp. B. E. Ryder. 2,196,327; Apr. 9.
Battery terminal clamp, Storage. R. E. Normandie. 2,209,017; July 23.
Battery terminal connector. C. N. Smithson. 2,198,320; Apr. 23.
Battery terminal quick action clip. R. C. Steenholdt. 2,204,387; June 11.
Battery tester. G. L. Pugh. 2,225,231; Dec. 17.
Battery tester. E. T. Stratton. 2,205,316; June 18.
Battery tester, One meter. B. F. W. Heyer. 2,225,051; Dec. 17.
Battery unit. J. H. Bower and J. C. Wright. 2,209,185; July 23.
Baton and handle. E. L. Simpson. 2,226,949; Dec. 31.
Baton, Illuminated. E. J. Borba. 2,225,151; Dec. 17.
Baudelot water cooler. E. G. Lehman. 2,200,426; May 14.
Bauxite, Reactivating. O. Fitz Simons. 2,191,592; Feb. 27.
Beach accessory. C. E. Julian. 2,190,566; Feb. 13.
Beach accessory. C. E. and B. C. Julian. 2,208,458; July 16.
Beach stand, Portable. B. Hunter. 2,195,391; Mar. 26.
Beaching gear. K. Henrichsen and C. J. Leisy. 2,190,358; Feb. 13.
Beacon, Aircraft landing-floor. F. D. Coulter. 2,212,537; Aug. 27.

Beacon light, Aviation. G. C. Tice and F. J. Wittmann. 2,218,013; Oct. 15.
Beacon light or life buoy. H. Tober. 2,222,246; Nov. 19.
Beacon, Radio. H. Nass. 2,207,263; July 9.
Beacon, Rotating radio. D. G. C. Luck. 2,208,376; July 16.
Beacon, Ultra short wave course. F. A. Kolster. 2,212,-238; Aug. 20.
Bead rolling machine. W. A. Brubaker. 2,222,590; Nov. 26.
Beading mechanism. F. J. Maywald, Jr. 2,220,938; Nov. 12.
Beam. B. A. Olson. 2,187,280; Jan. 16.
Beam bending machine. A. C. Morgan. 2,216,694; Oct. 1.
Beam drive. E. L. Richardson. 2,196,000; Apr. 2.
Beam for building construction, Temporary. C. Dell and H. L. Read. 2,202,096; May 28.
Beam for truck weighing scales, Type registering. J. B. Sowa. 2,192,698; Mar. 5.
Beam grid for roof or floor construction. E. Maier. 2,222,981; Nov. 26.
Beam hanger. A. N. Porter. 2,218,343; Oct. 15.
Beam head. F. Mossberg. 2,188,086; Jan. 23.
Beam of ions of high velocity, Method and device for generating a. E. Kuhn and H. Kallmann. 2,219,033; Oct. 22.
Beam structure. C. J. Kavanagh. 2,205,725; June 25.
Beam, Warp. J. M. Patrick. 2,204,442; June 11.
Beam, Warper. R. U. Thornton. 2,203,584; June 4.
Bean cutter. G. M. Lock and A. O. Rasmussen. 2,187,833; Jan. 23.
Bearing: *See*—
Adjustable bearing.
Annular thrust bearing.
Antifriction bearing.
Ball bearing.
Ball or roller bearing.
Conical self-tightening bearing.
Elastic bearing.
Floating bearing.
Guide bearing.
Gyratory eccentric bearing.
Journal bearing.
Open line shaft bearing.
Piston rod bearing.
Rectilinear motion bearing.
Roller bearing.
Rubber bearing.
Seal bearing.
Sealed bearing.
Self-aligning bearing.
Self-lubricating bearing.
Shaft bearing.
Side bearing.
Sliding bearing.
Spindle bearing.
Split-crank bearing.
Thrust bearing.
Turbine pump bearing.
Valve bearing.
Valve gear bearing.
Bearing. A. E. Andersen. 2,216,726; Oct. 8.
Bearing. F. A. Barnes. 2,224,627; Dec. 10.
Bearing. W. Bartosch. 2,218,034; Oct. 15.
Bearing. A. L. Boegehold. 2,198,240; Apr. 23.
Bearing. O. V. Cederberg. 2,198,376; Apr. 23.
Bearing. W. J. Conley. 2,205,876; June 25.
Bearing. C. L. Eastburg. 2,191,880; Feb. 27.
Bearing. G. Fast. 2,217,200; Oct. 8.
Bearing. J. D. Friend. 2,187,307; Jan. 16.
Bearing. W. R. Griswold. 2,208,724; July 23.
Bearing. F. L. Haushalter. 2,215,523; Sept. 24.
Bearing. J. F. Heuberger. 2,223,518; Dec. 3.
Bearing. H. A. S. Howarth. 2,225,835; Dec. 24.
Bearing. M. Katcher. 2,217,801; Oct. 15.
Bearing. A. Kingsbury. 2,224,652; Dec. 10.
Bearing. H. M. Knoth. 2,211,898; Aug. 20.
Bearing. J. E. Padgett. 2,190,041; Feb. 13.
Bearing. J. V. O. Palm, J. K. Anthony, and J. E. Wilkey. 2,219,054; Oct. 22.
Bearing. W. Rohn. 2,205,049; June 18.
Bearing. J. E. Shafer. 2,189,838; Feb 13.
Bearing. D. W. Sherman. 2,207,831; July 16.
Bearing. C. R. Short. Re. 21,495; June 25.
Bearing. A. G. F. Wallgren. 2,191,901; Feb. 27.
Bearing. A. G. F. Wallgren. 2,219,669; Oct. 29.
Bearing alloy. W. E. McCullough. 2,210,593; Aug. 6.
Bearing and frame construction for hand-operated heaters. H. W. Hindes. 2,210,810; Aug. 6.
Bearing and hanger, Walking beam. W. C. Trout and E. M. Tollefson. 2,188,583; Jan. 30.
Bearing and method of manufacture, Bronze. L. Sandler and L. G. Klinker. 2,196,875; Apr. 9.
Bearing and the lubrication thereof. A. H. Hilliard. 2,219,625; Oct. 29.
Bearing arrangement, Roller. F. Rampacher. 2,189,615; Feb. 6.
Bearing assembly. J. G. Degerth and L. Dombrowsky. 2,187,600; Jan. 16.
Bearing assembly. J. E. Shafer. 2,194,328; Mar. 19.
Bearing construction. A. C. Borchers. 2,213,333; Sept. 3.
Bearing construction. H. Frauenthal and S. R. Thomas. 2,219,031; Oct. 22.
Bearing construction, Ball. M. Reu Boiu. 2,194,817; Mar. 26.
Bearing construction for track-type tractors. C. R. Rogers and W. O. Bechman. 2,225,233; Dec. 17.
Bearing corrosion, Prevention of motor. O. L. Brandes. 2,202,825; June 4.
Bearing device. R. R. Searles and J. W. Smith. 2,211,295; Aug. 13.
Bearing device for reciprocal motions. R. L. and C. H. Martens. 2,207,466; July 9.
Bearing for crushers. E. B. Symons and O. C. Gruender. 2,216,926; Oct. 8.
Bearing for plows, Wheel. L. G. Perkins. 2,201,243; May 21.
Bearing for radial motors, Articulating rod. J. Schubert. 2,185,902; Jan. 2.
Bearing for railroad cars, Journal. A. W. Lewis. 2,198,053; Apr. 23.
Bearing for taking axial and radial loads. N. A. Palmgren. 2,209,103; July 23.
Bearing for watch movements, Pivot. H. Colomb. 2,219,068; Oct. 22.
Bearing for watch movements, Producing a pivot. H. Colomb. 2,219,067; Oct. 22.
Bearing for wringers and the like. W. L. Kauffman. 2,202,780; May 28.
Bearing having a nonmetallic fabric lining. H. D. Geyer. 2,188,722; Jan. 30.
Bearing, Journal. W. H. Heckman. Re. 21,330; Jan. 23.
Bearing lock, Connecting rod. J. V. Costello. 2,208,664; July 23.
Bearing lubricating system. J. W. Teker. 2,205,892; June 25.
Bearing lubrication. C. A. Brotherton. 2,191,876; Feb. 27.
Bearing lubrication. J. E. Trigg. 2,192,989; Mar. 12.
Bearing lubrication system. H. D. Harper. 2,212,661; Aug. 27.
Bearing member. J. H. Ballard and W. H. Spencer. 2,191,435; Feb. 27.
Bearing member. F. H. Given. 2,202,773; May 28.
Bearing member. A. W. Whiteford. 2,200,129; May 7.
Bearing motor, Extended. H. S. Bogaty. 2,196,952; Apr. 9.
Bearing mounting. E. G. Boden. 2,208,863; July 23.
Bearing mounting. E. Dunford. 2,191,984; Feb. 27.
Bearing mounting. F. W. McCartney. 2,213,432; Sept. 3.
Bearing mounting. C. F. Stanley. 2,186,686; Jan. 9.
Bearing pile construction. G. G. Greulich. 2,187,315–7; Jan. 16.
Bearing pile construction. G. G. Greulich. 2,187,319; Jan. 16.
Bearing pile splice clamp. G. G. Greulich. 2,187,314; Jan. 16.
Bearing, Self-aligning. E. F. Marinet and E. J. Kasper. Re. 21,415; Apr. 2.
Bearing strips, Making composite. J. V. O. Palm. 2,187,864; Jan. 23.
Bearing structure. G. Fast. 2,217,201; Oct. 8.
Bearing structure. J. M. Hildabolt. 2,227,307; Dec. 31.
Bearing surfaces, Lining. T. B. Chace. 2,220,210; Nov. 5.
Bearing to a shaft, Securing a. R. F. Runge, and E. C. Brodin. 2,226,524; Dec. 24.
Bearing unit. H. Rosenberg. 2,186,789; Jan. 9.
Bearing unit for pumping units and the like, Rocking. A. N. Porter. 2,193,379; Mar. 12.
Bearings and the like, Adjusting locomotive. G. W. Shriver. 2,224,065; Dec. 3.
Bearings, Antifriction metaling of. M. J.-B. Barbarou. 2,199,125; Apr. 30.
Bearings, Cooling of propeller-shaft stern-tube. H. Scott-Paine. 2,217,295; Oct. 8.
Bearings, especially for weighing machines. A. Wirth. 2,200,141; May 7.
Bearings, Forming. E. A. Ryder. 2,187,755; Jan. 23.
Bearings, Forming composite metal. F. Hodson. 2,187,348; Jan. 16.
Bearings, Holding and treating. W. L. R. Scholfield. 2,209,495; July 30.
Bearings, Lubrication of special alloy. H. G. Smith and T. L. Cantrell. 2,192,874; Mar. 5.
Bearings, Making. E. V. Berry. 2,198,074; Apr. 23.
Bearings, Making. J. A. Lignian. 2,195,749; Apr. 2.
Bearings, Making. R. R. Searles. 2,210,132; Aug. 6.
Bearings, Making. G. A. Zink. 2,222,525; Nov. 19.
Bearings, Making copper-lead. W. Hessenbruch and W. Rohn. 2,212,473; Aug. 20.
Bearings, Making steel backed bronze. L. Sandler and L. G. Klinker. 2,226,263; Dec. 24.
Bearings, Method and apparatus for forming. F. H. Ragan. 2,214,235; Sept. 10.
Bearings operating at high temperatures, Lubricating. H. A. Acheson. 2,225,815; Dec. 24.
Beat frequency indicator. R. D. Scheldorf. 2,199,189; Apr. 30.
Beater and mixer. E. R. Hacmac. 2,185,846; Jan. 2.
Beater, Egg. R. B. Lienhard. 2,193,461; Mar. 12.
Beater for the preparation of asbestos fibers and the like, Rotary. A. Magnani. 2,199,137; Apr. 30.
Beauty box, Lady's. F. N. Lewis. 2,209,781; July 30.
Bed. I. Hernandez. 2,191,387; Feb. 20.
Bed. V. C. Luppert. 2,211,980; Aug. 20.
Bed and chair, Combination. I. Karish. 2,216,317; Oct. 1.
Bed and column construction. H. W. Fox and H. D. Corwin. 2,215,287; Sept. 17.
Bed, and particularly bed pivoted to assume an upright position. W. Deschamps. 2,202,248; May 28.
Bed and tent, Folding automobile. C. L. Nielson. 2,210,540; Aug. 6.
Bed and type holder therefor, Rubber. W. E. Wenzel and F. A. Kramer. 2,222,333; Nov. 19.
Bed attachment. H. M. Herbener. 2,216,076; Sept. 24.
Bed, Child's. R. B. Bukolt. 2,206,248; July 2.
Bedclothes holder. J. C. Prevost. 2,227,365; Dec. 31.

Bedclothes support, Adjustable. D. R. Peevey. 2,210,255; Aug. 6.
Bed compartment, Air conditioned. P. V. Eakin. 2,188,078; Jan. 23.
Bed construction, Wall. V. M. Friede. 2,224,727; Dec. 10.
Bed, Couch. T. Foster. 2,189,946; Feb. 13.
Bed cradle. R. Valverde. 2,209,801; July 30.
Bed divan. G. A. Stackhouse. 2,215,669; Sept. 24.
Bed, Foldable. J. Dennis, Jr. 2,222,222; Nov. 19.
Bed, Foldable. H. Giles. 2,226,606; Dec. 31.
Bed, Folding. I. F. Clark. 2,199,741; May 7.
Bed, Folding. J. Kampschulte. 2,215,963; Sept. 24.
Bed for drying and combustion in refuse incinerators, Extended. D. Agar. 2,216,287; Oct. 1.
Bed guard mounting. W. A. Hillenbrand. 2,195,955; Apr. 2.
Bed, Hospital. A. Comper. 2,215,636; Sept. 24.
Bed, Hospital. J. D. Dry. 2,218,572; Oct. 22.
Bed, Hospital. H. H. Haynes. 2,197,304; Apr. 16.
Bed, Hospital. A. L. Hurst. 2,215,757; Sept. 24.
Bed, Invalid. J. G. Cunningham. 2,188,592; Jan. 30.
Bed, Invalid. R. C. Miller. 2,211,905; Aug. 20.
Bed light. F. Wallen. 2,225,727; Dec. 24.
Bed motion. F. W. Seybold. 2,187,758–9; Jan. 23.
Bed pad, Elimination. E. C. Steward. 2,195,156; Mar. 26.
Bedpan, Adjustable. M. P. Dawson. 2,204,343; June 11.
Bedpan pad, Sanitary. F. Cox. 2,209,388; July 30.
Bed, Patient-operable hospital. W. G. Rich. 2,189,325; Feb. 6.
Bed pillow separator. R. H. Wilhelm. 2,208,713; July 23.
Bed-settee, Convertible. F. and W. Jaray. 2,187,689; Jan. 16.
Bed, Sofa. M. Fox. 209,880; July 30.
Bedspring. M. Fischer. 2,226,165; Dec. 24.
Bedspring, Adjustable. J. T. Atkinson. 2,225,895; Dec. 24.
Bedspring construction. S. Raduns. 2,216,100; Sept. 24.
Bed table. W. D. Bell. 2,212,488; Aug. 20.
Bed unit, Invalid's. L. Christensen. 2,194,998; Mar. 26.
Beds, Packing or consolidating of permanent way. H. Steinhage. 2,224,658; Dec. 10.
Bee feeder. C. F. Roberts, Jr. 2,193,741; Mar. 12.
Beehive. J. B. Garriga. 2,223,561; Dec. 3.
Beehive. O. A. King. 2,188,719; Jan. 30.
Beef carcasses, Treatment of. A. S. Hartanov. 2,202,951; June 4.
Beef, Manufacture of dried. S. L. Komarik. 2,224,397; Dec. 10.
Beer controlling unit, Draught. F. C. Bristol. 2,210,164; Aug. 6.
Beer cooler. R. C. Ayers. 2,199,718; May 7.
Beer cooler, Ice water. M. E. Sullivan. 2,205,318; June 18.
Beer cooling and drawing system. J. Panagopoulos. 2,202,262; May 28.
Beer cooling device. M. Nagin. 2,223,152; Nov. 26.
Beer cooling device. F. E. Rice. 2,203,365; June 4.
Beer cooling system and apparatus. M. A. Martin. 2,199,503; May 7.
Beer dispensing device. F. E. Rice. 2,187,793; Jan. 23.
Beer, Dispensing of. K. A. Bownass and A. G. T. Cole. 2,215,386; Sept. 17.
Beer drawing device. S. Wanderski and F. Konwinski. 2,223,012; Nov. 26.
Beer drawing system. J. Panagopoulos. 2,194,319; Mar. 19.
Beer energizer. P. J. Costello. 2,203,130; June 4.
Beer foam control device. C. W. Johnson. 2,225,996; Dec. 24.
Beer lines, Cleaning. E. H. Brigham. 2,196,176; Apr. 9.
Beer measuring and dispensing device. T. A. Hutsell. 2,199,405; May 7.
Beer with a low percentage of sugar, Production of a special. H. Distler. 2,223,444; Dec. 3.
Beers and ales, Treating. L. Wallerstein. 2,206,066; July 2.
Beet lifter. W. E. Knapp. 2,216,115; Oct. 1.
Beet puller. W. S. Graham and F. E. Hand. 2,221,765; Nov. 19.
Beet puller. E. Reifschneider. 2,194,482; Mar. 26.
Beet topper. H. K. North. 2,193,205; Mar. 12.
Beet topper, Sugar. C. W. Walz. 2,208,823; July 23.
Beet topping machine. H. Y. Hazel. 2,220,240; Nov. 5.
Bell, Blast furnace. H. W. Johnson. 2,215,879; Sept. 24.
Bell type furnace. F. O. Hess. 2,215,081; Sept. 17.
Bellows. H. C. Lockwood. 2,223,691; Dec. 3.
Bellows assembly for refrigerant control valves. L. C. Smith. 2,197,454; Apr. 16.
Belt. F. M. Blossom. 2,202,644; May 28.
Belt. P. Brenner. 2,194,734; Mar. 26.
Belt. S. A. Carlson. 2,214,098; Sept. 10.
Belt. G. Finder. 2,219,556; Oct. 29.
Belt. A. L. Freedlander. 2,211,202; Aug. 13.
Belt. G. A. Nelson. 2,220,266; Nov. 5.
Belt, Abrasive. E. P. Dahlstrom. 2,215,210; Sept. 17.
Belt and making the same, Lehr. O. Shackelford. 2,199,529; May 7.
Belt and pulley. V. R. Clark. 2,217,044; Oct. 8.
Belt and tape cutter. W. Sperry. 2,190,049; Feb. 13.
Belt centering device. J. S. Wood. 2,195,159; Mar. 26.
Belt connector. A. L. Feedlander and N. J. Ritzert. 2,202,250; May 28.
Belt connector. N. J. Ritzert and E. H. Kremer. 2,219,399; Oct. 29.
Belt, Conveyer. J. E. Hogander. 2,201,665; May 21.
Belt, Conveyer. S. R. Reimel. 2,211,607; Aug. 13.
Belt conveyer, Tubular. H. S. Johns. 2,212,024; Aug. 20.
Belt drive. R. V. Morse. 2,199,569; May 7.
Belt drive. E. Siegling. 2,214,541; Sept. 10.
Belt, Driving. H. Brammer. 2,204,117; June 11.
Belt, Driving. G. M. Wehner. 2,220,869; Nov. 5.
Belt, Edge drive. P. B. Reeves. 2,195,226; Mar. 26.
Belt, Endless drive. S. Segal. 2,192,936; Mar. 12.
Belt, Endless grinding and polishing. G. H. Cherrington. 2,189,754; Feb. 13.
Belt, Endless V-type. E. Nassimbene. 2,194,833; Mar. 26.
Belt fastener. J. C. Olsen. 2,189,291–2; Feb. 6.
Belt fastener. N. A. Palmer. 2,185,563; Jan. 2.
Belt, Garment. S. Auerbach. 2,189,413; Feb. 6.
Belt handling device. C. M. McCarthy. 2,187,134; Jan. 16.
Belt, Health. G. W. Watson. 2,220,593; Nov. 5.
Belt lacer. O. B. Briggs and A. L. Lamb. 2,199,932; May 7.
Belt lacing apparatus. H. J. Camp and C. Watson. 2,196,956; Apr. 9.
Belt making machine. J. A. Webb and O. S. Sleeper. 2,186,776; Jan. 9.
Belt, Multiloop V. J. N. Smith and J. M. Bierer. 2,195,125; Mar. 26.
Belt or chain for use with V-groove pulleys, Articulated driving. W. Tögel. 2,224,068; Dec. 3.
Belt preparing tool. J. C. Olsen. 2,205,731; June 25.
Belt reeling device for poultry battery. H. P. Haggart. 2,214,327; Sept. 10.
Belt, Reinforced safety. C. T. Lewis. 2,208,990; July 23.
Belt, Sectional endless. H. P. Kirchner. 2,209,059; July 23.
Belt, Self-adjustable sanitary. F. Lesselbaum. 2,211,137; Aug. 13.
Belt shipper mechanism. W. J. Scott. 2,216,215; Oct. 1.
Belt, Surgical. L. Creper. 2,185,834; Jan. 2.
Belt tightener. W. M. Crawford. 2,185,745; Jan. 2.
Belt tightener. A. E. Rogers. 2,191,626; Feb. 27.
Belt tightener of the spring type. H. G. Irwin. 2,221,479; Nov. 12.
Belt tread for tractors and the like. J. Carchidi. 2,219,221; Oct. 22.
Belt turner mechanism, Automatic. S. Garcia. 2,197,659; Apr. 16.
Belt, V. G. A. Ungar. 2,189,049; Feb. 6.
Belt, Wide abrasive. E. P. Dahlstrom. 2,209,074; July 23.
Belting and making the same, Rubberized. H. McKay. 2,221,984; Nov. 19.
Belts, Making. E. G. Kimmich. 2,197,569; Apr. 16.
Belts, Making multiloop V. J. N. Smith and J. M. Bierer. 2,195,126; Mar. 26.
Belts, Treatment of driving. C. Schülein. 2,194,988; Mar. 26.
Bench and table construction, Folding. R. E. Schieber. 2,203,394; June 4.
Bench, Animal display. A. W. Bow. 2,222,974; Nov. 26.
Bench, Draw. H. W. Smith. 2,196,155; Apr. 2.
Bench, Kneeling. J. Rothbart. 2,225,000; Dec. 17.
Bench, Push. H. Heetkamp. 2,219,995; Oct. 29.
Bend line, Predetermined. P. Zalkind. 2,221,854; Nov. 19.
Bend, Return. G. T. Jacocks. 2,202,491; May 28.
Bending brake. J. Jensen. 2,190,839; Feb. 20.
Bending machine. R. W. Broomham. 2,190,821; Feb. 20.
Bending machine. A. E. Henricson. 2,217,053; Oct. 8.
Bending machine. O. R. Owens. 2,189,150; Feb. 6.
Bending machine. W. H. Stocking and R. A. Mitchell. 2,202,017; May 28.
Bending machine. W. C. Tucker. 2,215,111; Sept. 17.
Bending machine, Windshield frame. A. E. Henricson. 2,190,423; Feb. 13.
Bending table. R. F. Onsrud. 2,203,027; June 4.
Bends, Finishing. J. H. Taylor. 2,221,417; Nov. 12.
Benzanthrone derivatives. G. Rösch. 2,199,575; May 7.
Benzene, Catalytic oxidation of. J. M. Weiss. 2,206,377; July 2.
Benzene hexachloride, Manufacture of. T. Hardie. 2,218,148; Oct. 15.
Benzene, Manufacture of ethyl. J. L. Amos. 2,225,543; Dec. 17.
Benzidine, Manufacture of. C. O. Henke and R. G. Benner. 2,194,938; Mar. 26.
Benzol from coke oven and like gases, Separation of. G. Maiuri. 2,219,782; Oct. 29.
Benzylidene-aniline compounds, Production of. F. H. Kranz. 2,185,854; Jan. 2.
Berry cleaner and separator. E. Johnson. 2,210,486; Aug. 6.
Beryllium alloys, Preventing intergranular oxidation in ternary. R. H. Harrington. 2,226,284; Dec. 24.
Beryllium and beryllium alloys, Obtaining. C. Adamoli. 2,193,363–4; Mar. 12.

Beryllium compounds, Preparation of. R. S. Opatowski. 2,209,131; July 23.
Beryllium compounds, Production of. C. Adamoli. 2,196,048; Apr. 2.
Beryllium, Producing. B. R. F. Kjellgren and C. B. Sawyer. 2,204,221; June 11.
Beryllium, Producing metallic. B. R. F. Kjellgren and C. B. Sawyer. 2,188,904; Feb. 6.
Bessemer converter, Controlling. H. K. Work. 2,207,309; July 9.
Beta-alkyl choline salts and intermediates and their production. R. T. Major and H. T. Bonnett. 2,189,808; Feb. 13.
β-alkylcholine salts and their acyl esters. R. T. Major and H. Bonnett. 2,192,925; Mar. 12.
β-alkylcholine salts and their acyl esters. R. T. Major and H. T. Bonnett. 2,198,629; Apr. 30.
Beta-ethylaminoethanols, Preparing. M. M. Brubaker and R. W. Maxwell. 2,212,149; Aug. 20.
β,γ-unsaturated ketones of the cyclopentano polyhydro phenanthrene series and producing the same. A. Butenandt. 2,224,856; Dec. 17.
β-(P-hydroxy-phenyl)-isopropylamine, Preparation of derivatives of. G. Hildebrandt. 2,204,494; June 11.
Beverage barrel cooler. L. R. Paul. 2,214,344; Sept. 10.
Beverage container. T. M. Davidson. 2,194,011; Mar. 19.
Beverage container. C. F. Wallace. 2,206,830; July 2.
Beverage cooler. A. J. Johnson and A. L. Goetzmann. 2,203,991; June 11.
Beverage cooler. D. A. Matot. 2,211,428; Aug. 13.
Beverage dispenser. C. G. Jackson. 2,209,057; July 23.
Beverage dispenser. A. E. Rourke. 2,219,334; Oct. 29.
Beverage dispenser and carbonator. J. A. Stadtfeld. 2,194,775; Mar. 26.
Beverage dispensing apparatus. W. W. Cannon and J. Hurwitz. 2,197,143; Apr. 16.
Beverage dispensing apparatus, Bottled. C. A. Ropp. 2,193,239; Mar. 12.
Beverage dispensing device. W. W. Cannon and J. Hurwitz. 2,197,142; Apr. 16.
Beverage dispensing device. A. Hallberg. 2,205,761; June 25.
Beverage measuring and dispensing device. R. L. Humbard. 2,216,347; Oct. 1.
Beverage mixer. G. L. N. Meyer. 2,212,325; Aug. 20.
Beverage mixer, Bottled. J. M. Bettencourt. 2,194,290; Mar. 19.
Beverage service tank. J. O. Johnson. 2,210,083; Aug. 6.
Beverage, Treating an alcoholic. R. H. Van Sant. 2,195,662; Apr. 2.
Beverages, food products, and like liquids, Process and apparatus for filtering alcoholic. S. C. Hodges. 2,210,719; Aug. 6.
Beverages, Packaging. D. B. Stone. 2,204,833; June 18.
Beverages, Preparing carbonated. G. L. N. Meyer. 2,227,101; Dec. 31.
Beverages, Producing fermented malt. J. S. Wallerstein. 2,223,753; Dec. 3.
Biasing potential supply circuit. F. R. Norton. 2,207,940; July 16.
Bibb seating tool. R. G. Hawker. 2,209,021; July 23.
Bicycle. K. H. Booty. 2,199,536; May 7.
Bicycle. G. W. Killin, Jr. 2,225,304; Dec. 17.
Bicycle. J. M. Wright. 2,185,698; Jan. 2.
Bicycle attachment, Convertible. C. R. Kutil. 2,220,528; Nov. 5.
Bicycle, Collapsible. A. P. Rippenbein. 2,211,164; Aug. 13.
Bicycle, Convertible type. C. Giambra. 2,227,252; Dec. 31.
Bicycle lamp. A. J. Seiss. 2,204,707; June 18.
Bicycle lock. J. S. Manton. 2,208,849; July 23.
Bicycle lock. P. W. Olson. 2,204,908; June 18.
Bicycle lock. R. M. Watters. 2,212,428; Aug. 20.
Bicycle, Motor driven. G. Steinlein. 2,212,279; Aug. 20.
Bicycle or exercise machine. G. Bottos. 2,198,717; Apr. 30.
Bicycle sprocket mounting. F. W. Schwinn. 2,227,232; Dec. 31.
Bicycle stand. E. F. Pawsat. 2,202,426; May 28.
Bicycle stand mechanism. H. L. Kraeft. 2,197,936; Apr. 23.
Bicycle transmission. W. E. Sperry. 2,210,221; Aug. 6.
Bicycle, Two-speed. F. H. Bultman. 2,187,643; Jan. 16.
Billboard display posting. S. Chase, IV. 2,209,958; Aug. 6.
Billboard framing and blanking means. S. Chase, IV. 2,209,957; Aug. 6.
Billboard or poster panel. L. P. Keith. 2,211,697; Aug. 13.
Billfold. R. N. Lupfer. 2,205,267; June 18.
Billfold. R. N. Lupfer and W. R. Whitmer. 2,217,556; Oct. 8.
Billfold. L. A. Mueller. 2,186,650; Jan. 9.
Billfold. M. E. Trollen. 2,209,486; July 30.
Billet conditioning method. J. H. Bucknam and A. J. Miller. 2,189,753; Feb. 13.
Billets, Descaling. A. Petterson. 2,197,022; Apr. 16.
Billets from steel scrap, Producing. A. Paterson. 2,211,984; Aug. 20.
Billiard cue. C. H. Koch. 2,212,780; Aug. 27.
Bimetallic element. K. E. Whitney. 2,205,162; June 18.
Bimetallic strip, Method of and apparatus for making. G. Edwards. 2,203,679; June 11.
Bimetallic thermal release. O. Bork. 2,213,080; Aug. 27.
Bin conveyer. H. C. Carter. 2,194,006; Mar. 19.
Bin, Ice storage. C. Field. 2,222,024; Nov. 19.
Bin, Merchandise display. D. T. Waddell. 2,215,675; Sept. 24.
Binder. E. J. Davis. 2,215,147; Sept. 17.
Binder. N. Frucht. 2,193,168; Mar. 12.
Binder. E. A. Trussell. 2,207,602; July 9.
Binder and shocker, Combination grain. J. A. McElroy. 2,219,932; Oct. 29.
Binder composition. E. G. Kerr. 2,218,335; Oct. 15.
Binder, Core. B. F. and B. P. Wallace. 2,215,825; Sept. 24.
Binder, Display. E. W. Ericson. 2,208,213; July 16.
Binder for fibrous materials. R. C. Williams and J. F. Hall. 2,223,086; Nov. 26.
Binder for loose leaves. N. S. Welk. 2,201,551; May 21.
Binder for making luminescent screens. H. G. Jenkins. 2,219,899; Oct. 29.
Binder, Forming a. C. B. Nelson and I. Spinner. 2,211,744; Aug. 13.
Binder forming apparatus. C. B. Nelson and I. Spinner. 2,211,743; Aug. 13.
Binder, Foundry sand. H. K. Salzberg. 2,206,369; July 2.
Binder, Loose leaf. H. H. Behn. 2,206,317; July 2.
Binder, Loose-leaf. E. F. Buenger. 2,218,307; Oct. 15.
Binder, Loose-leaf. J. Cooper and G. H. J. Baule. 2,191,707; Feb. 27.
Binder, Loose leaf. J. Cooper and G. H. J. Baule. 2,197,071; Apr. 16.
Binder, Loose-leaf. J. Cooper and G. H. J. Baule. 2,197,924; Apr. 23.
Binder, Loose leaf. E. N. Farkas. 2,202,097; May 28.
Binder, Loose-leaf. E. N. Farkas. 2,202,518; May 28.
Binder, Loose leaf. F. H. Feldman. 2,185,404; Jan. 2.
Binder, Loose-leaf. M. G. Griffin. 2,218,105; Oct. 15.
Binder, Loose leaf. A. N. Hanna. 2,191,886; Feb. 27.
Binder, Loose leaf. E. A. Koelling. 2,210,488; Aug. 6.
Binder, Loose leaf. W. Nelson. 2,208,226; July 16.
Binder, Loose-leaf. C. V. St. Louis. 2,218,347; Oct. 15.
Binder, Loose-leaf. J. A. Steele. 2,212,380; Aug. 20.
Binder, Loose leaf. C. D. Trussell. 2,204,918; June 18.
Binder, Loose-leaf. C. D. Trussell. 2,218,799; Oct. 22.
Binder, Loose-leaf. P. O. Unger and F. D. Wedge. 2,200,460; May 14.
Binder mechanism, Loose-leaf. J. Cooper. 2,201,026; May 14.
Binder, Mineral wool. R. W. Ehlers. 2,195,272; Mar. 26.
Binder mounting, Loose leaf. A. R. Russell. 2,208,231; July 16.
Binder, No-punch. H. L. Davis. 2,203,676; June 11.
Binder or loose sheet holder, Temporary. R. F. Bunto. 2,210,022; Aug. 6.
Binder, Plastic. I. Spinner. 2,224,165; Dec. 10.
Binder, Post. J. Schade. 2,211,517; Aug. 13.
Binder reel attachment. C. Nordhougen. 2,209,997; Aug. 6.
Binder, Spiral. F. F. Farkas. 2,188,680; Jan. 30.
Binder tab for web rolls. A. J. Horton. 2,212,937; Aug. 27.
Binder, Temporary. F. Edler and W. Schaefer. 2,223,030; Nov. 26.
Binder, Type. J. J. Riehl. 2,218,219; Oct. 15.
Binding agent of the Portland cement type and manufacturing same, Sintered. G. Frenkel. 2,204,959; June 18.
Binding, Combined tour and slalom. J. W. Bruun. 2,187,537; Jan. 16.
Binding compound derived from hardwood tar. J. Levesque. 2,210,212; Aug. 6.
Binding device. C. E. Emmer. Re. 21,344; Feb. 6.
Binding device, Loose-leaf. R. Tauber. 2,210,106; Aug. 6.
Binding machine. L. M. Harvey and W. C. Allen. 2,215,121; Sept. 17.
Binding machine, Edge. R. R. Campbell. 2,224,139; Dec. 10.
Binding means. R. M. Hibbs. 2,188,222; Jan. 23.
Binding method and apparatus, Loose-leaf. E. N. Farkas. 2,200,877; May 14.
Binding, Ski. J. E. Barieau. 2,208,829; July 23.
Binding, Ski. J. Eigenheer. 2,216,662; Oct. 1.
Binding, Ski. T. Elliott. 2,186,479; Jan. 9.
Binding, Ski. H. D. Else. 2,199,153; Apr. 30.
Binding, Ski. J. Hanser. 2,222,712; Nov. 26.
Binding, Ski. G. Rauglas. 2,197,010; Apr. 16.
Binding, Ski. G. Rauglas. 2,199,444; May 7.
Binding to insoles, Applying. T. J. Doyle. 2,191,646; Feb. 27.
Binocular. F. Husar. 2,205,764; June 25.
Biological apparatus. J. A. Reyniers. 2,185,711; Jan. 2.
Biologically active and other substances, Preservation of. C. H. Barr. 2,198,752; Apr. 30.
Biologically active products, Treatment of. E. W. Flosdorf. 2,225,774; Dec. 24.
Biologically active substances, Preservation of. E. W. Flosdorf. 2,199,816–17; May 7.
Bioscope cabinet. J. B. Worthington and V. Bartley. 2,221,160; Nov. 12.
Bird feeding station. L. G. Copeman. 2,216,511; Oct. 1.

Birdhouse. L. G. Copeman. 2,219,297; Oct. 29.
Birotary engine. A. J. Meyer. 2,207,749; July 16.
Bis-(anthraquinoneacridono) pyrenes and making them. W. Kern. 2,208,190; July 16.
Biscuit machinery. T. L. Green and C. H. Williams. 2,212,860; Aug. 27.
Biscuit molding machine. O. Kremmling. 2,212,743; Aug. 27.
Biscuits, Icing of or the application of cream or the like to. R. F. Macfarlane and W. E. Prescott. 2,189,214; Feb. 6.
Biscuits or other articles, Feeding or conveying. J. C. Paterson. 2,221,845; Nov. 19.
Biscuits or the like from pans or wires carried by oven or like conveyers, Discharge of. J. E. Pointon. 2,226,323; Dec. 24.
Bismuth α ethyl-n-caproate and making it. L. Vargha. 2,198,357; Apr. 23.
Bismuth from lead, Removing. J. O. Betterton and Y. E. Lebedeff. 2,213,197; Sept. 3.
Bismuth, Recovery of. J. O. Betterton and Y. E. Lebedeff. 2,205,387; June 25.
Bismuth salts of a substituted malonic acid and making them. F. Boedecker and H. Gruber. 2,220,638; Nov. 5.
Bis-pyrazolonyl color former. A. B. Jennings and E. B. Middleton. 2,200,924; May 14.
Bisthioammeline polyalkylene ether resin. H. A. Bruson and J. L. Rainey. 2,217,667; Oct. 15.
Bit: *See*—

Blade bit.	Gyrating rotary bit.
Boring bit.	Hackamore bit.
Cutting bit.	Ingot tong bit.
Deflecting bit.	Rock bit.
Diamond drill bit.	Rock drill bit.
Drag bit.	Roller bit.
Drill bit.	Rotary bit.
Drilling bit.	Rotary drill bit.
Expansion bit.	Straight hole bit.
Extension bit.	

Bit. H. E. Chiles. 2,212,729; Aug. 27.
Bit. C. M. Fryer. 2,193,451; Mar. 12.
Bit and holding means therefor. C. L. Bowman. 2,217,348; Oct. 8.
Bit and mounting therefor, Mine machinery cutting. E. P. Stenger and A. O. Bruestle. 2,211,525; Aug. 13.
Bit and reamer, Expansion. D. J. O'Grady. 2,203,998; June 11.
Bit block for cutter chains. E. P. Stenger and A. O. Bruestle. 2,190,000; Feb. 13.
Bit breaker. M. D. Carleton. 2,223,600; Dec. 3.
Bit breaker. W. P. Kincaid. 2,194,090; Mar. 19.
Bit breaker, Elastic. J. A. Zublin. 2,227,208; Dec. 31.
Bit extension. A. R. Bone and A. P. Albrecht. 2,193,917; Mar. 19.
Bit for reciprocating pneumatic rock drills. B. C. Twiss. 2,216,361; Oct. 1.
Bit with nontracking rollers, Drill. J. A. Zublin. 2,227,210; Dec. 31.
Bits, Method and apparatus for die forging drill. F. J. Spang. 2,216,462; Oct. 1.
Bite gauge. J. E. Kovats. 2,205,926; June 25.
Bitumen, Asphaltic. J. P. Pfeiffer. 2,225,570; Dec. 17.
Bituminous composition. A. P. Anderson and W. K. Nelson. 2,197,461; Apr. 16.
Bituminous composition. C. R. Lyons. 2,223,289; Nov. 26.
Bituminous emulsions and producing same. W. N. Davis, O. E. Cushman, and J. E. Fratis. 2,216,311; Oct. 1.
Bituminous emulsions, Production of. J. A. Montgomerie and P. K. Archibald. 2,190,604; Feb. 13.
Bituminous material, Hard. K. C. Laughlin. 2,198,777; Apr. 30.
Bituminous materials. H. Dohse and F. Spoun. 2,191,295; Feb. 20.
Bituminous mixture. H. Marc and H. W. Greider. 2,188,204; Jan. 23
Blackboard and desk structure, Easel type reversible. W. C. Tyrrell. 2,196,044; Apr. 2.
Blackboard and making the same. R. W. Shenton. 2,191,099; Feb. 20.
Black spot compensation apparatus. R. Andrieu. 2,202,511; May 28.
Blade assembling machine and method, Razor. I. S. Bodkin. 2,209,724; July 30.
Blade attachment for quack diggers. J. Paltzer. 2,211,157; Aug. 13.
Blade bit, Demountable. A. C. Catland. 2,199,692; May 7.
Blade construction for fluid power transmitter. G. A. Klimek. 2,216,747; Oct. 8.
Blade ejector magazine. S. H. Benjamin. 2,226,963; Dec. 31.
Blade holder. H. A. D. Baer. 2,203,714; June 11.
Blade impeller or turbine, Varipitch spiral. K. S. Valentine. 2,201,947; May 21.
Blade mill. W. L. Maxson. 2,213,713; Sept. 3.
Blade mounting, Airscrew. F. M. Thomas. 2,223,081; Nov. 26.
Blade, Propeller. R. Richardson. 2,212,170; Aug. 20.
Blade, Protected. H. A. Gustafson. 2,194,281; Mar. 19.
Blade, Safety razor. A. Brandenthaler. 2,213,062; Aug. 27.
Blade, Scarifying. W. C. Birk. 2,221,906; Nov. 19.
Blade shrouding. W. B. Flanders. 2,211,851; Aug. 20.
Blade shrouding. C. R. Soderberg and W. H. Lloyd. 2,211,865; Aug. 20.
Blade tip for rotary dust separators. A. Nutting. 2,209,607; July 30.
Blades of air propellers, Coating the. H. Sukohl. 2,201,706; May 21.
Blank and making hollow wrought metal articles. F. B. Wendel. 2,210,437; Aug. 6.
Blank feeding and flexing mechanism. A. M. Cameron. 2,223,599; Dec. 3.
Blank feeding mechanism. E. C. and J. R. Carris. 2,222,895; Nov. 26.
Blank feeding mechanism. J. Simpson. 2,226,588; Dec. 31.
Blank for forming collapsible tubes. P. Witte. 2,203,376; June 4.
Blank shearing machine. W. R. Hull. 2,196,168; Apr. 2.
Blanks fixed at both ends of machine tools, Guiding of. E. E. Meier. 2,219,845; Oct. 29.
Blanks for tamperproof seals, Production of. R. S. Peirce. 2,199,113; Apr. 30.
Blanks, Method of and apparatus for rolling. A. C. Ruden. Re. 21,501; July 2.
Blanks, Method of and apparatus for rolling. A. C. Ruden. 2,187,753; Jan. 23.
Blanks to a predetermined cross sectional contour, Forming annular. O. M. Whitten. 2,200,569; May 14.
Blanket, Child's. C. A. Neil. 2,194,123; Mar. 19.
Blanket, Electrically heated. W. K. Kearsley. 2,195,958; Apr. 2.
Blanket, Electrically heated. I. O. Moberg. 2,203,918; June 11.
Blanket fastener. M. Liebmann. 2,195,967; Apr. 2.
Blanket fastener. M. Liebmann. 2,225,875; Dec. 24.
Blanket, Heated automobile. A. L. Clark. 2,201,984; May 28.
Blanket, Household. R. Amory. 2,208,533; July 16.
Blanket, Printer's. J. W. Foster. 2,207,999; July 16.
Blanket, Printing. S. B. Neiley. 2,202,020; May 28.
Blast furnace. M. Le Clarick. 2,195,866; Apr. 2.
Blasting and abrasive material, Metallic. O. E. Harder. 2,218,107; Oct. 15.
Blasting cap. W. de C. Crater. 2,214,721; Sept. 10.
Blasting cap, Electric. H. E. Nash. 2,186,426–7; Jan. 9.
Blasting charge. J. Taylor. 2,190,460; Feb. 13.
Blasting device. F. H. Armstrong. 2,212,891; Aug. 27.
Blasting initiator. G. H. Smith and C. B. Van Winter. 2,189,301; Feb. 6.
Blasting initiator, Electric. S. L. Handforth, C. R. Johnson, and G. H. Smith. 2,212,118; Aug. 20.
Blasting initiator, Electric. C. R. Johnson. 2,204,994; June 18.
Bleacher construction. W. F. McCann. 2,193,339; Mar. 12.
Bleaching surfaces without immersion. W. B. Hill and B. P. Ridge. 2,185,632; Jan. 2.
Bleed lines on printing surfaces, Establishing. O. R. Huggins. 2,216,882; Oct. 8.
Bleeder or purging apparatus for refrigerating systems. T. H. Rea. 2,215,717; Sept. 24.
Blending agent for lubricating oils. J. I. Wasson. 2,195,549; Apr. 2.
Blending chamber for water mixing valves. E. A. Hoopes. 2,221,050; Nov. 12.
Blind. R. C. Pratt. 2,212,718; Aug. 27.
Blind. P. O. Solon. 2,213,021; Aug. 27.
Blind. L. Wheeler. 2,224,943; Dec. 17.
Blind and a securing device for the cord thereof, Venetian. H. C. La Ganke. 2,207,516; July 9.
Blind and bracket therefor, Venetian. H. C. La Ganke. 2,207,517; July 9.
Blind and slat therefor, Venetian. H. J. Schmitz. 2,209,355; July 30.
Blind attachment, Window. M. J. Lang. 2,225,436; Dec. 17.
Blind, Burglarproof. W. A. Rowley. 2,205,156; June 18.
Blind construction, Venetian. H. K. Lorentzen. 2,225,062; Dec. 17.
Blind cord-controlling organization, Venetian. S. R. Bond and H. K. Lorentzen. 2,192,002; Feb. 27.
Blind, drapery rail, and cornice mount, Combination Venetian. D. J. Rust. 2,206,514; July 2.
Blind equipment, Venetian. A. L. Rosenstein. 2,190,884; Feb. 20.
Blind, Exterior Venetian. L. G. Brown. 2,209,384; July 30.
Blind, Folded. E. S. Persson. 2,221,059; Nov. 12.
Blind for motor vehicles. R. C. Kramer. 2,210,624; Aug. 6.
Blind landing system. E. M. Sorensen. 2,204,628; June 18.
Blind, Line. L. S. Hamer. 2,214,959; Sept. 17.
Blind mechanism, Venetian. H. G. Balthasar. 2,188,639; Jan. 30.
Blind of guided type, Venetian. E. M. Trammell. 2,203,371; June 4.
Blind structure, Venetian. W. J. Stuber. 2,216,678; Oct. 1.
Blind tilt mechanism, Venetian. G. F. McKerlie. 2,223,633; Dec. 3.
Blind tilter mechanism, Venetian. H. G. Balthasar. 2,224,712; Dec. 10.

Blind tilter, Venetian. H. K. Lorentzen. 2,223,997; Dec. 3.
Blind tilting mechanism, Venetian. F. J. Burns. 2,223,404; Dec. 3.
Blind, Venetian. R. P. Anderson. 2,207,393; July 9.
Blind, Venetian. C. Braglio. 2,215,452; Sept. 24.
Blind, Venetian. C. M. Brenner. 2,202,752; May 28.
Blind, Venetian. W. D. Clark, Jr. 2,220,064; Nov. 5.
Blind, Venetian. J. D. Fenney. 2,194,277; Mar. 19.
Blind, Venetian. S. S. Gentile. 2,218,508; Oct. 22.
Blind, Venetian. M. L. Kesner. 2,187,242; Jan. 16.
Blind, Venetian. A. W. Larrison. 2,204,937; June 18.
Blind, Venetian. F. E. Lawson. 2,209,276; July 23.
Blind, Venetian. G. C. Lawson. 2,202,293; May 28.
Blind, Venetian. M. J. Nardulli. 2,209,234; July 23.
Blind, Venetian. J. Reinike. 2,214,539; Sept. 10.
Blind, Venetian. B. Walker. 2,200,349; May 14.
Blind, Venetian. H. Warren. 2,227,238; Dec. 31.
Blind, Venetian. H. W. Watts. 2,191,602; Feb. 27.
Blind, Venetian. L. C. Williams. 2,206,796; July 2.
Blind, Venetian. E. E. Wolfe. 2,200,143; May 7.
Blind, Venetian. E. E. Wolfe. 2,207,605; July 9.
Blind, Window. M. R. Kapp. 2,216,414; Oct. 1.
Blind, Window. J. A. McLennan. 2,188,575; Jan. 30.
Blinds, Manufacture of Venetian. R. C. Pierce. 2,200,605; May 14.
Blinds, Washing Venetian. R. G. Long and W. D. French. 2,199,747; May 7.
Block: *See*—
Building block.
Cement block.
Cutting block.
Electrical terminal and switchboard terminal block.
Filter press filler block.
Flashing block.
Floor block.
Glass block.
Glass building block.
Heater terminal block.
Insulating block.
Metallic building block.
Picker stick lug or block.
Piston drill guide block.
Pulley block.
Raggle block.
Recuperating burner block.
Return bend clamp block.
Safety block.
Safety snatch block.
Sanding block.
Scotch block.
Sheave block.
Snatch block.
Strip take-up block.
Structural block.
Tail block.
Terminal block.
Timer connection block.
Toy construction block.
Traveling block.
Wire stringing block.
Block and building brick, Concrete. J. J. Hausner. 2,209,730; July 30.
Block and reel, Combined wire coiling. F. N. Perkins. 2,217,966; Oct. 15.
Block and test roll, Combination straightening. H. A. Doherty. 2,214,881; Sept. 17.
Block and tile pressing machine. D. E. Ross, M. G. Knoy, and F. P. Wymer. 2,195,683; Apr. 2.
Block and wall construction, Structural. D. M. Muirhead. 2,198,011; Apr. 23.
Block attachment for hydraulic lifts. C. H. Pierce. 2,215,934; Sept. 24.
Block for paths, roads, and the like, Concrete. G. Notari. 2,210,150; Aug. 6.
Block forming mold. C. H. Rothmann. 2,215,160; Sept. 17.
Block gauge set, Combination. J. O. E. Johansson. 2,208,371; July 16.
Block manufacture, Glass building. H. L. Eastus. 2,207,342; July 9.
Block masonry construction, Hollow. F. Heath. 2,185,196; Jan. 2.
Block signal and train control system for toy railroads. E. E. McKeige and N. L. Case. 2,188,756; Jan. 30.
Block signaling system for railroads, Automatic. G. T. Callahan. 2,225,977; Dec. 24.
Block structure for excavators, Saddle. W. Baker. 2,211,194; Aug. 13.
Blocker for hay presses, Automatic. O. Sylvester. 2,207,559; July 9.
Blocker synchronizer. S. O. White. 2,221,895; Nov. 19.
Blocker synchronizer. S. O. White and P. Orr. 2,221,899; Nov. 19.
Blocking frame. G. A. Kuehne. 2,195,673; Apr. 2.
Blocking machine for hats, Wet. J. Auer. 2,202,367; May 28.
Blocking oscillator apparatus. M. Geiber. 2,211,852; Aug. 20.
Blocks, Cleaning motor. F. C. Arey and D. E. Hibner, Jr. 2,216,698; Oct. 1.
Blocks, Making hollow glass building. H. H. Blau. 2,191,952; Feb. 27.
Blocks, Producing hollow cast. F. Halbrock and W. Baumgardt. 2,209,519; July 30.
Blocks, Ventilator wall and window. C. Rose. 2,216,420; Oct. 1.
Blood, Preventing coagulation of. H. Dyckerhoff. 2,196,199; Apr. 9.
Blood, Preventing the congealing of. W. Faust and W. Ender. 2,193,717; Mar. 12.
Blood transfusion apparatus. A. H. Gee. 2,212,318; Aug. 20.
Blood transfusion board. B. V. Franklin. 2,194,651; Mar. 26.
Blood transfusion device. J. E. B. Swabacker. 2,226,538; Dec. 31.
Blooms, billets, sheet bars, and the like, Deseaming. H. M. Brown. 2,185,496; Jan. 2.
Blotter attachment for pens. G. J. Schratz and W. H. Funk. 2,221,060; Nov. 12.
Blotting device. P. J. Gillespie. 2,203,195; June 4.
Blowhole eliminator. J. Gladics. 2,220,816; Nov. 5.
Blowlamp. L. Levit. 2,188,460; Jan. 30.
Blow-off valve. G. W. Haynes. 2,188,391; Jan. 30.
Blow-out mechanism. K. W. Wilckens. 2,200,108; May 7.
Blowout plug. M. G. Miller. 2,216,351; Oct. 1.
Blowout preventer. H. Allen. 2,194,255; Mar. 19.
Blowout preventer. J. C. Fortune. 2,213,309; Sept. 3.
Blowout preventer. F. W. Hild. 2,207,149; July 9.
Blowout preventer. F. W. Hild. 2,207,199; July 9.
Blowout preventer. K. T. and A. J. Penick. 2,193,110; Mar. 12.
Blowout preventer. A. J. and K. T. Penick. 2,218,093; Oct. 15.
Blowout preventer, Multiple seal. H. Allen. 2,194,256; Mar. 19.
Blowout preventer, Single screw. H. Allen. 2,194,260; Mar. 19.
Blowpipe. F. C. Hasse and L. W. Young. 2,204,756; June 18.
Blowpipe. W. J. Jacobsson. 2,198,341; Apr. 23.
Blowpipe. W. J. Jacobsson and S. R. Oldham. 2,198,342; Apr. 23.
Blowpipe. W. J. Jacobsson and S. R. Oldham. 2,213,043; Aug. 27.
Blowpipe. H. W. Jones, J. H. Buckman, and W. J. Jacobsson. 2,220,245; Nov. 5.
Blowpipe. H. W. Jones and H. W. Cowin. 2,197,979; Apr. 23.
Blowpipe. R. J. Kehl. 2,191,078; Feb. 20.
Blowpipe apparatus for surface conditioning. H. W. Jones and J. H. Bucknam. 2,223,452; Dec. 3.
Blowpipe for producing jets. H. W. Jones. 2,193,100; Mar. 12.
Blower. W. O. Behrens. 2,227,373; Dec. 31.
Blower. W. L. Morrison. 2,198,735; Apr. 30.
Blower. F. C. Reggio. 2,189,252; Feb. 6.
Blower apparatus, Propeller. A. I. Ponomareff. 2,219,937; Oct. 29.
Blower arrangement in air-cooled motors. M. Klavik. 2,202,455; May 28.
Blower, Bubble. H. L. Bloxom. 2,205,028; June 18.
Blower control. L. M. Persons. 2,209,610; July 30.
Blower for annealing furnaces and the like. O. Wechsberg and H. Werner. 2,226,986; Dec. 31.
Blower for applying comminuted materials. L. A. Knight. 2,219,208; Oct. 22.
Blower for internal combustion engines, Charging. H. Heinrich, W. Zeuch, and A. Meyer. 2,194,196; Mar. 19.
Blower header for combined reaper thrashers, Suction. W. O'B. La Fave. 2,214,533; Sept. 10.
Blower, Multiple bubble. H. C. Gamble. 2,213,391; Sept. 3.
Blower, Skirted. C. A. Baker, S. M. Dockerty, and R. L. Hamilton. 2,224,466; Dec. 10.
Blower, Soot. A. M. Wilson. 2,200,663; May 14.
Blower unit, Reversible. H. D. Euwer. 2,203,491; June 4.
Blowing agent for sponge rubber. A. F. Hardman. 2,200,473; May 14.
Blue flame burner. C. W. Davis and W. B. Engh. 2,216,877; Oct. 8.
Blue flame burner. H. M. Reeves. 2,202,923; June 4.
Blueprint. D. E. Whitlock and J. F. Kienast. 2,209,548; July 30.
Blue print and making the same, Nonbleeding. H. J. Brunk and M. Dickason. 2,196,788; Apr. 9.
Blue print coating. R. B. Barnes. 2,218,969; Oct. 22.
Blueprint coating. R. B. Barnes and G. P. Ham. 2,199,368; Apr. 30.
Blueprint coating. R. B. Barnes, G. P. Ham, and L. P. Moore. 2,221,628; Nov. 12.
Blue print machine. W. L. Sullivan. 2,185,529; Jan. 2.
Blue print machine and variable speed transmission therefor. W. L. Sullivan. 2,185,530; Jan. 2.
Board: *See*—
Blood transfusion board.
Bowling game board.
Bulletin board.
Circuit testing board.
Composite board.
Cribbage board.
Drafting board.
Drawing board.
Game and game board.
Game board.
Indicating bulletin board.
Ironing board.
Pedal board.
Revoluble mote board.
Running board.
Scooter board.
Setting-out board.
Shampoo board.
Spot-saturated composition board.
Stove board.
Trimming board.
Wallpaper board.
Board for derricks, Tubing handling. C. L. Deckard. 2,191,643; Feb. 27.
Board for drop hammers. G. H. Lawrence. 2,204,222; June 11.
Board for mats, Assembly. R. H. Parker. 2,226,440; Dec. 24.
Board for use in playing a game of darts. A. W. W. Salter. 2,227,382; Dec. 31.
Board mounting clip. H. J. Wilhoyte. 2,218,273; Oct. 15.
Board or table, Ironing. E. H. Battelle. 2,210,648; Aug. 6.

Board products and recovering water solubles from fibrous lingocellulose material, Making. R. M. Boehm. 2,224,135; Dec. 10.
Board products, Making pressed. H. K. Linzell. 2,215,244; Sept. 17.
Boards, Composite. A. R. Welch. 2,200,650; May 14.
Boat. V. B. Edwards. 2,201,859; May 21.
Boat. A. L. Field. 2,203,565; June 4.
Boat. L. Gariepy. 2,195,745; Apr. 2.
Boat. J. Lee. 2,224,482; Dec. 10.
Boat. H. H. Luce. 2,218,264; Oct. 15.
Boat. R. R. O'Brien. 2,208,469; July 16.
Boat, Aeromarine. T. M. Finley. 2,215,919; Sept. 24.
Boat and trailer construction. J. V. Davis. 2,219,254; Oct. 22.
Boat, Automatic towing. L. A. Dunajeff. 2,191,879; Feb. 27.
Boat, Collapsible. W. H. McAlister. 2,220,608; Nov. 5.
Boat construction. L. G. Barker and E. N. Todd. 2,220,875; Nov. 12.
Boat construction. G. Broschat. 2,205,134; June 18.
Boat construction. H. V. Pfister. 2,217,076; Oct. 8.
Boat construction. C. S. Van Gorden. 2,193,892; Mar. 19.
Boat handling apparatus. O. Carlson. 2,192,373; Mar. 5.
Boat hull construction. R. R. Steele, Jr. 2,214,801; Sept. 17.
Boat, Pneumatic. H. Krupp. 2,223,625; Dec. 3.
Boat propelling and stabilizing apparatus. A. Ronning. 2,213,611; Sept. 3.
Boat propelling mechanism. P. O'Dwyer. 2,195,597; Apr. 2.
Boat propulsion apparatus. A. Ronning. 2,213,609–10; Sept. 3.
Boat propulsion apparatus. A. Ronning. 2,213,612; Sept. 3.
Boat, Safety balance twin. C. Coronello. 2,219,252; Oct. 22.
Boat, Sectional. J. Tomassi. 2,212,088; Aug. 20.
Boat steering and driving mechanism. S. Szymczak. 2,197,534; Apr. 16.
Boat, Submarine. G. Caproni. 2,187,074; Jan. 16.
Boat trailer. R. J. Smith. 2,211,083; Aug. 13.
Boats, Making. M. V. J. Latty. 2,196,217; Apr. 9.
Bobber, Depth finder and fishing. W. A. and O. H. Arnesen. 2,208,240; July 16.
Bobber for fishlines, Lighted. W. L. Kuhns. 2,201,588; May 21.
Bobbin. J. Cavanaugh. 2,224,075; Dec. 3.
Bobbin. W. J. Simpson. 2,203,286; June 4.
Bobbin, Abrasive-proof. H. D. Clinton. 2,195,358; Mar. 26.
Bobbin, Built-up. L. J. Jordan. 2,225,591; Dec. 17.
Bobbin carrier for braiding machines and the like, Backless. A. J. Andrews. 2,214,156; Sept. 10.
Bobbin guide. H. W. Thatcher. 2,219,038; Oct. 22.
Bobbin holder. T. C. Sayles and H. E. Griemsmann. 2,217,922; Oct. 15.
Bobbin lifting mechanism. J. H. Larmuth. 2,219,482; Oct. 29.
Bobbin receptacle. M. Schnider. 2,185,755; Jan. 2.
Bobbin reel. W. Hermann. 2,213,764; Sept. 3.
Bobbin support. C. D. Brown. 2,221,732; Nov. 12.
Bobbinless loom. A. M. De Gezelle, Sr. 2,203,190; June 4.
Bodies by deformation, Producing elongated. J. Kafowi. 2,200,231; May 7.
Bodies closed at one side by punching of four-edged blocks, Production of hollow. R. Traut. 2,215,943; Sept. 24.
Bodies, Manufacturing molded. A. A. Fowler and R. M. Otis. 2,209,679; July 30.
Bodies of different physical properties, Separation of. T. F. Downing, Jr. 2,212,265; Aug. 20.
Body and chassis structure, Combined. J. Ledwinka. 2,216,120; Oct. 1.
Body and chassis underframe, Combined. J. Ledwinka. 2,202,859; June 4.
Body and chassis underframe, Combined. J. Ledwinka and J. W. Kelly. 2,188,267; Jan. 23.
Body developing and correcting apparatus. L. A. Turpin. 2,190,895; Feb. 20.
Body dumping mechanism. H. C. Frentzel, Jr., and C. G. Novotny. 2,190,870; Feb. 20.
Body elevating mechanism for dumping wagons or the like. H. S. Palm. 2,203,059; June 4.
Body for vehicles. M. Klavik. 2,199,315; Apr. 30.
Body hoisting mechanism. E. R. Barrett. 2,226,440; Dec. 24.
Body, in particular for automobile vehicles, Closed. J. J. P. Vigroux. 2,208,204; July 16.
Body jack. G. M. Walraven. 2,212,090; Aug. 20.
Body locomotion, Means to aid in regaining normal. B. M. Taylor. 2,210,269; Aug. 6.
Body of motor road vehicles. J. Henri-Labourdette. 2,224,186; Dec. 10.
Body portions of electrical connectors, Producing. F. W. Mebold. 2,223,853; Dec. 3.
Body support. R. B. Davis. 2,224,339; Dec. 10.
Boiler: *See*—
Central heating boiler.
Fireplace boiler.
Mercury boiler.
Portable boiler.
Power boiler.
Solar flash boiler.
Steam boiler.
Two-pass water tube boiler.
Water-tube boiler.
Boiler. G. H. Bork. 2,210,891; Aug. 13.
Boiler. J. E. Brantly. 2,189,442; Feb. 6.
Boiler. R. L. Byrum. 2,187,850; Jan. 23.
Boiler. F. O. Conill. 2,198,404; Apr. 23.
Boiler. E. S. Cornell, Jr. 2,191,427; Feb. 20.
Boiler. J. F. Dickson. 2,189,135; Feb. 6.
Boiler. R. B. Ferguson. 2,195,274; Mar. 26.
Boiler. B. Goerg. 2,216,236; Oct. 1.
Boiler. A. P. Grimm. 2,206,398; July 2.
Boiler. F. Hertel. 2,196,631; Apr. 9.
Boiler. L. Krotkov. 2,220,486; Nov. 5.
Boiler. A. A. Kucher. 2,189,365; Feb. 6.
Boiler. E. J. Lattner. 2,214,676; Sept. 10.
Boiler. T. E. Murray. Re. 21,649; Dec. 3.
Boiler. N. Reiley. 2,195,285; Mar. 26.
Boiler. J. F. Ross. 2,207,162; July 9.
Boiler. W. M. Roth. 2,211,674; Aug. 13.
Boiler and power plant regulation, Steam. W. D. La Mont. 2,201,621; May 21.
Boiler and water heater, Gas-burning. R. Kroger. 2,198,310; Apr. 23.
Boiler assembly. H. S. Murphy. 2,199,139; Apr. 30.
Boiler, Combination plug and dump. C. R. Dale. 2,189,445; Feb. 6.
Boiler composition. O. Jaschke. 2,206,776; July 2.
Boiler compound sight feeder, Vacuum operated. B. F. Tade. 2,225,087; Dec. 17.
Boiler conditioning apparatus. F. W. Miller. 2,224,605; Dec. 10.
Boiler construction. F. L. Cormier. 2,190,351; Feb. 13.
Boiler control. H. S. Turner. 2,192,990; Mar. 12.
Boiler control apparatus. E. C. Loesser. 2,224,190; Dec. 10.
Boiler feed check valve. R. F. Davis, K. T. and A. J. Penick. 2,213,487; Sept. 3.
Boiler feed system. I. J. Karassik. 2,225,453; Dec. 17.
Boiler feed system. O. H. Ludeman. 2,215,819; Sept. 24.
Boiler feed water control system. K. B. Howell. 2,185,893; Jan. 2.
Boiler flue cleaner. C. Elm. 2,225,372; Dec. 17.
Boiler furnace. F. W. Riehl. 2,200,809; May 14.
Boiler relief device. J. Podolsky. 2,210,555; Aug. 6.
Boiler repairs, Method for. A. T. Johanson. 2,196,464; Apr. 9.
Boiler section. L. N. Hunter. 2,188,266; Jan. 23.
Boiler superheater, Compact adjustable. W. A. Jones. 2,212,542; Aug. 27.
Boiler superheater, Complete compact adjustable. W. A. Jones. 2,222,349; Nov. 19.
Boiler supporting arrangement, Locomotive. K. J. Ahnell. 2,197,627; Apr. 16.
Boiler washer, Automatic. W. L. Pearce. 2,200,296; May 14.
Boilers, Applying heat to the water tubes of. T. A. Solberg. 2,192,941; Mar. 12.
Boilers of mallet locomotives, Mounting of. K. Röthler. 2,197,831; Apr. 23.
Bolster. W. H. Stifnagle. 2,226,749; Dec. 31.
Bolt anchoring device. H. Schmitt. 2,205,545; June 25.
Bolt and bushing, King. W. F. Jones. 2,208,189; July 16.
Bolt fastening for attaché and suit cases and the like, Slidable. C. W. Cheney. 2,212,914; Aug. 27.
Bolt for automobile license plates, Self-locking. L. Stark. 2,201,930; May 21.
Bolt head construction. R. I. Pigott. 2,199,809; May 7.
Bolt lock, Cap. A. E. Jackman, Jr. 2,203,219; June 4.
Bolt locking means. J. R. Allen and M. J. Chapman. 2,221,961; Nov. 19.
Bolt mechanism, Spring. M. E. Hover and W. M. Remarque. 2,210,080; Aug. 6.
Bolt nut cage, Assembly. H. J. Kengel. 2,218,823; Oct. 22.
Bolt nutting machine. W. Majusick. 2,190,077; Feb. 13.
Bolt, Safety. G. Klumpp. 2,203,333; June 4.
Bolt tension measuring instrument. W. E. Gadd. 2,224,782; Dec. 10.
Bolt, Wedge. R. V. Johnson. 2,200,174; May 7.
Bolter. S. H. Stoltzfus. 2,212,818; Aug. 27.
Bomb dropping device. R. L. Bell. 2,209,380; July 30.
Bombing game apparatus. F. M. New. 2,216,278; Oct. 1.
Bond for rail joints. E. A. Everett. 2,197,793; Apr. 23.
Bonded article. F. Seebach. 2,193,941; Mar. 19.
Bonded material and method of making. W. A. Boughton and W. R. Mansfield. 2,196,973–4; Apr. 16.
Bonded product and method of making. W. A. Boughton and W. R. Mansfield. 2,196,972; Apr. 16.
Bonding compound. W. A. Boughton and W. R. Mansfield. 2,196,971; Apr. 16.
Bonding machine. C. L. Feldtkeller and A. D. Lund. 2,195,723; Apr. 2.
Bone black. E. P. Barrett and G. D. Beal. 2,226,421; Dec. 24.
Book. P. M. Atkins. 2,213,662; Sept. 3.
Book. A. Freundlich. 2,216,706; Oct. 1.
Book. J. H. Lounsbury. 2,193,534; Mar. 12.
Book. R. A. Rasco. 2,227,320; Dec. 31.
Book and coupon unit, Combined. H. F. Shedd. 2,215,163; Sept. 17.
Book and index unit. G. F. Green. 2,195,646; Apr. 2.
Book and tabulating card receiver, Combination sales record. C. L. Johnston. 2,224,350; Dec. 10.
Book and tray or baseboard for use therewith, Looseleaf. H. T. Bigg and S. H. Sunderland. 2,197,678; Apr. 16.

Bookbinder. G. W. Newman. 2,196,023; Apr. 2.
Bookbinder. G. W. Newman. 2,200,364; May 14.
Bookbinding. A. D. Douglas. 2,196,386; Apr. 9.
Bookbinding. J. A. Eden. 2,188,773; Jan. 30.
Book binding. W. D. Price. 2,194,985; Mar. 26.
Bookbinding. W. H. Talley. 2,222,547; Nov. 19.
Bookbinding apparatus. M. Berlanstein. 2,227,213; Dec. 31.
Book, catalogue, or the like. L. E. Whiton. 2,207,604; July 9.
Book, Check. W. R. Hotchkiss. 2,191,661; Feb. 27.
Book, Combined check and account. E. B. Dreher. 2,205,715; June 25.
Book, Continuous manifolding. W. H. Hope, Jr. 2,204,678; June 18.
Book cover. A. and I. A. Coleman. 2,222,253; Nov. 19.
Book cover. A. B. Spencer. 2,224,703; Dec. 10.
Book, Depository. C. Bluestone. 2,226,422; Dec. 24.
Book for data cards, Filing. A. L. Christiansen and L. J. Boynton. 2,191,425 Feb. 20.
Book hanger. L. T. Basher. 2,197,235; Apr. 16.
Bookholder. J. Bell and A. M. Bell. 2,203,126; June 4.
Bookholder. W. V. Johnson. 2,226,773; Dec. 31.
Book holder. H. C. Stoll. 2,206,133; July 2.
Book holder. T. E. Wade. 2,203,661; June 11.
Bookkeeping apparatus, Manual. J. E. Rosso. 2,202,639; May 28.
Bookkeeping machine. Y. Hutchinson. 2,212,069; Aug. 20.
Bookkeeping system. R. Randzio. 2,218,297; Oct. 15.
Book, Loose-leaf binder. S. Shaler. 2,186,436; Jan. 9.
Bookmaking. E. Larney. 2,223,325; Nov. 26.
Book, Manifolding. G. U. Lacroix. 2,196,465; Apr. 9.
Bookmark. F. W. Fink. 2,211,497; Aug. 13.
Bookmark. G. V. Zumft. 2,202,787; May 28.
Bookmarker. R. C. Rathsam. 2,189,180; Feb. 6.
Book-marking device. W. R. Wheeler. 2,198,191; Apr. 23.
Book match dispenser. F. C. Du Grenier. 2,197,634; Apr. 16.
Book mechanism, Ring. K. Handler. 2,198,512; Apr. 23.
Book or binder cover. C. D. Trussell. 2,215,433; Sept. 17.
Book rack. E. E. Van Delle. 2,210,350; Aug. 6.
Book, Refillable. W. L. Kennedy. 2,224,188; Dec. 10.
Bookrest. R. L. Harris. 2,225,830; Dec. 24.
Bookrest. M. M. Henderson. 2,219,091; Oct. 22.
Book rest and copy holder. A. Hancher. 2,192,574; Mar. 5.
Book, Social security pay roll. B. Steinberg and O. H. Kaupp. 2,216,633; Oct. 1.
Bookstack. W. C. Bond. 2,185,494; Jan. 2.
Book stack. W. C. Bond. 2,219,291; Oct. 29.
Bookstand. W. P. Lamar. 2,218,429; Oct. 15.
Bookstand. I. M. Weinstein. 2,224,530; Dec. 10.
Book, Stencil. E. C. Davidson. 2,201,479; May 21.
Book support and line indicator. P. P. Greicius. 2,195,777; Apr. 2.
Book, Ticket. J. A. Bryce. 2,191,067 Feb. 20.
Book, Time payment coupon. C. A. Couch. 2,225,554; Dec. 17.
Book, Triplicate manifolding. A. R. Lawson. 2,186,547; Jan. 9.
Booklet. J. C. Murray. 2,213,920; Sept. 3.
Booklet. J. C. Murray. 2,220,536; Nov. 5.
Books for binding, Preparing. C. Schramm. 2,189,929; Feb. 13.
Books, Method and means employed in casing-in. C. Schramm. 2,200,345; May 14.
Books, Rebinding of. N. D. Bassett. 2,219,553; Oct. 29.
Boom bucket. O. Sheck. 2,190,339; Feb. 13.
Boom, Hook-up. B. M. Smith. 2,198,844; Apr. 30.
Boom, Spill. L. G. Hook. 2,200,552; May 14.
Boom, Tilting. C. S. Schroeder. 2,198,793; Apr. 30.
Boom, Traffic. G. W. Fleming and F. A. Graham. 2,197,406; Apr. 16.
Boot and shoe cleaner. H. C. Gilpin. 2,210,365; Aug. 6.
Boot and shoe heel construction. L. Sprovieri. 2,221,388; Nov. 12.
Boot, Exercising. H. L. Good. 2,214,052; Sept. 10.
Boot for chair legs, Protecting. W. J. Johnson. 2,217,754; Oct. 15.
Boot for male turkey's foot, Breeding season. C. I. Cheeley. 2,197,537; Apr. 16.
Boot, Horse. N. H. Wagner, Jr. 2,194,921; Mar. 26.
Bootleg. E. M. Deems. 2,209,912; July 30.
Boot loading. L. G. Kurtz and C. C. Ottoson. 2,194,475; Mar. 26.
Boot or covering for universal joints of drive shafts of various motor vehicles. A. R. Berman; 2,210,847; Aug. 6.
Boot tree, Riding. L. B. Plotkin. 2,206,974; July 9.
Boot, Ventilated. L. G. Powell. 2,190,802; Feb. 20.
Boots and shoes, Pulling over. E. I. La Chapelle. 2,195,090; Mar. 26.
Booth, Portable. J. E. Bittick. 2,188,747; Jan. 30.
Booth, Voting. F. and L. J. Scherer. 2,215,533; Sept. 24.
Borate, Phenyl mercuric. W. G. Christiansen. 2,196,384; Apr. 9.
Bore alignment of tubes, Method of and apparatus for determining. J. S. Morgan, Jr. 2,198,837; Apr. 30.
Borehole direction recorder. H. Passler. 2,222,442; Nov. 19.
Bore hole direction tester. G. Tipter. 2,205,022; June 18.
Bore hole exploring apparatus. J. W. Millington and W. T. Evans. 2,197,571; Apr. 16.
Borehole inclination transmitter. D. E. McKee. 2,201,909. May 21.
Borehole pressure gauge. H. Hügel. 2,223,786; Dec. 3.
Borehole strata, Arrangement for measuring the local specific resistance of. O. Martienssen. 2,212,273; Aug. 20.
Borehole temperature measuring device. H. Hügel. 2,213,802; Sept. 3.
Boreholes, Continuously exploring. J. J. Jakosky. 2,211,124; Aug. 13.
Bore holes, Logging. L. F. Athy and H. R. Prescott. 2,199,367; Apr. 30.
Bored-in lock. H. G. Voight and W. S. Edwards. 2,220,591; Nov. 5.
Boric oxide, Crystalline. L. McCulloch. 2,186,257; Jan. 9.
Boring bar guiding mechanism. F. P. Healy. 2,189,604; Feb. 6.
Boring bit, Rotary earth. J. A. Zublin. 2,201,570; May 21.
Boring device. D. T. Beardsley. 2,205,237; June 18.
Boring device. J. A. Eden. 2,195,026; Mar. 26.
Boring device. C. A. Johnson. 2,204,860; June 18.
Boring head. F. P. Healy. 2,204,855; June 18.
Boring head. T. Maxwell. 2,223,041; Nov. 26.
Boring machine. W. P. Hunt. 2,195,861; Apr. 2.
Boring machine. K. J. Kollman. 2,201,733; May 21.
Boring machine. O. Nilson. 2,193,204; Mar. 12.
Boring machine, Horizontal. H. M. Lucas and H. N. Stephan. 2,208,311–12; July 16.
Boring machine, Multiple. L. G. Wheeler. 2,221,279; Nov. 12.
Boring mechanism, Multiple spindle. J. A. Eden. 2,188,941; Feb. 6.
Boring or drilling tool. A. C. Clow. 2,201,159; May 21.
Boring-routing tool. E. L. Shaw. 2,215,939; Sept. 24.
Boring tool. C. Kitley. 2,196,311; Apr. 9.
Boring tool. L. S. Smith. 2,197,162; Apr. 16.
Boron carbide composition. J. A. Boyer and C. G. Rose. 2,201,151; May 21.
Boron carbide composition and making the same. J. A. Boyer. 2,200,258; May 14.
Boron-copper alloys, Producing. H. F. Silliman. 2,195,433; Apr. 2.
Bottle. M. Leviseur. 2,203,266; June 4.
Bottle. E. Terrell. 2,215,942; Sept. 24.
Bottle attachment, Milk. W. A. Hardwick. 2,193,366; Mar. 12.
Bottle breaker. A. Boedeker. 2,190,971; Feb. 20.
Bottle breaker. R. J. McGill. 2,185,349; Jan. 2.
Bottle breaker. G. H. Surprenant, C. Gillean, and J. Loprich. 2,194,957; Mar. 26.
Bottle breaker device. C. F. Peters. 2,185,352; Jan. 2.
Bottle breaking machine. R. Stark. 2,225,934; Dec. 24.
Bottle cap. L. J. Brainard. 2,213,200; Sept. 3.
Bottle cap. B. Comer. 2,218,308; Oct. 15.
Bottle cap. G. H. Hutaff, Jr. 2,187,454; Jan. 16.
Bottle cap. G. H. Hutaff, Jr. 2,218,040; Oct. 15.
Bottle cap. G. H. Hutaff, Jr. 2,218,042; Oct. 15.
Bottle cap. J. G. Kempe. 2,195,379; Mar. 26.
Bottle cap. J. F. Pedder. 2,190,606; Feb. 13.
Bottle cap. J. F. Price. 2,218,718; Oct. 22.
Bottle cap and making the same. J. G. Kempe. 2.223,321; Nov. 26.
Bottle cap package. A. C. Lenz. 2,215,705; Sept. 24.
Bottle cap, Pill and powder measuring. W. T. Holland. 2,211,120; Aug. 13.
Bottle capper, Milk. J. R. Gammeter. 2,193,128; Mar. 12.
Bottle capping machine. N. Corsi. 2,189,628; Feb. 6.
Bottle capping machine. L. L. Seymour. 2,226,483; Dec. 24.
Bottle capping mechanism. M. T. Curtin and L. H. Browne. 2,213,626; Sept. 3.
Bottle capping mechanism. A. S. Jackson. 2,218,452; Oct. 15.
Bottle carrier. H. Z. Gray. 2,187,494; Jan. 16.
Bottle carrier. H. Kühn. 2,194,024; Mar. 19.
Bottle carrier. L. A. Lallement. 2,189,587; Feb. 6.
Bottle closure. E. Greene. 2,187,619; Jan. 16.
Bottle closure. M. M. Kistner. 2,212,371; Aug. 20.
Bottle closure. J. A. Murdock. 2,217,765; Oct. 15.
Bottle closure and liquid dispenser, Combination. J. L. Campbell, Jr., and H. M. Dorsey, Jr. 2,204,471; June 11.
Bottle closure, Antiseptic. P. E. Tullar and R. C. Page. 2,186,888; Jan. 9.
Bottle closure, Dose-measuring. J. J. Zeugner. 2,185,699; Jan. 2.
Bottle closure, Nonrefillable. T. F. Kolts. 2,205,567; June 25.
Bottle collar. C. T. Fairbanks. 2,221,761; Nov. 19.
Bottle collar. C. D. Painter. 2,219,562; Oct. 29.
Bottle conveyer. J. R. Dostal. 2,223,846; Dec. 3.
Bottle conveyer flight. J. R. Dostal. 2,223,060; Nov. 26.
Bottle cooler. H. R. Heintzen. 2,204,804; June 18.
Bottle cooling rack. A. E. Gregory. 2,190,474; Feb. 13.
Bottle, Cream separating milk. R. W. McAlister. 2,222,511; Nov. 19.
Bottle cuff. H. F. Borden. 2,199,037; Apr. 30.

Bottle device, Nonrefilling. C. A. W. Devore. 2,214,955; Sept. 17.
Bottle dispensing closure. H. Love and L. Gordon. 2,215,589; Sept. 24.
Bottle display carrier. W. V. Crook. 2,225,822; Dec. 24.
Bottle drying apparatus. O. C. Patterson. 2,207,331; July 9.
Bottle ejecting and delivering mechanism. J. R. Dostal. 2,210,530; Aug. 6.
Bottle feed latch. C. Holm. 2,227,346; Dec. 31.
Bottle filler. L. Feis. 2,188,402; Jan. 30.
Bottle filler. C. A. Namur. 2,197,588; Apr. 16.
Bottle filler valve. O. Larsen. 2,226,619; Dec. 31.
Bottle filling machinery. G. J. Valavan. 2,212,410; Aug. 20.
Bottle forming machine, Narrow neck. S. E. Winder. 2,205,261; June 18.
Bottle gassing machine. J. Kantor. 2,199,565; May 7.
Bottle hanger. J. M. Greene. 2,216,366; Oct. 1.
Bottle holder. E. L. Arneson. 2,222,211; Nov. 19.
Bottle holder. J. B. Carmichael. 2,207,086; July 9.
Bottle holder. A. A. Hoeruegel. 2,195,988; Apr. 2.
Bottle holder. H. K. Powell. 2,206,918; July 9.
Bottle holder. H. K. Powell. 2,217,028; Oct. 8.
Bottle holder. F. Sebring. 2,215,411; Sept. 17.
Bottle holder, Infant's. R. H. Elliott. 2,218,311; Oct. 15.
Bottle holder, Nursing. H. L. Eades. 2,214,882; Sept. 17.
Bottle holder, Safety milk. E. Kosen. 2,197,149; Apr. 16.
Bottle, Hot water. J. R. Buchanan. 2,220,510; Nov. 5.
Bottle, Ink. F. Bertino. 2,216,900; Oct. 8.
Bottle inspecting device. L. T. Sachtleben. 2,192,580; Mar. 5.
Bottle inspecting device. L. T. Sachtleben. 2,200,100; May 7.
Bottle inspecting device. P. Weathers. 2,192,568; Mar. 5.
Bottle labeling device. J. C. Robinson. 2,207,945; July 16.
Bottle, Medicine. G. Masters. 2,204,104; June 11.
Bottle mouthpiece. F. W. Trabold. 2,203,476; June 4.
Bottle, Non-drip milk. H. L. White and J. A. Keenan. 2,214,004; Sept. 10.
Bottle, Nonrefillable. J. W. Spanyer. 2,199,323; Apr. 30.
Bottle, Nursing. F. M. Duerme. 2,208,360; July 16.
Bottle, Ornamented. G. Grunberg. 2,222,174; Nov. 19.
Bottle package. W. J. De Reamer. 2,216,339; Oct. 1.
Bottle packing machine. W. D. Kimball and C. I. Braren. 2,219,827; Oct. 29.
Bottle receptacle. E. W. Streyle. 2,197,326; Apr. 16.
Bottle registering device. E. E. Essen. 2,222,503; Nov. 19.
Bottle shattering device. A. E. James. 2,215,508; Sept. 24.
Bottle stabilizer. J. W. Ross. 2,210,187; Aug. 6.
Bottle, Sterile solution dispensing. J. F. Norton and W. W. F. Enz. 2,196,323; Apr. 9.
Bottle support, Nursing. C. C. Bell. 2,201,257; May 21.
Bottle top covering. A. C. Klein and W. E. Payne. 2,212,712; Aug. 27.
Bottle transfer device. F. E. Taylor. 2,213,774; Sept. 3.
Bottle, Vacuum. A. B. Prough. 2,193,381; Mar 12.
Bottle vending machine. C. V. Rice. 2,207,820; July 16.
Bottle washer. W. P. Bigelow. 2,191,513; Feb. 27.
Bottle washer. J. R. Dostal. 2,219,007; Oct. 22.
Bottle washer, Milk. J. W. Fogg and F. H. Fruhling. 2,196,389; Apr. 9.
Bottle washing machine. J. R. Dostal. 2,191,227; Feb. 20.
Bottle washing machine. J. R. Dostal. 2,225,429; Dec. 17.
Bottle washing machine. G. Volkert. 2,191,002; Feb. 20.
Bottle wiping device for bottle vending machines. M. H. Voigtritter. 2,218,015; Oct. 15.
Bottled beverage cooler. W. F. Vose. 2,223,159; Nov. 26.
Bottled beverage cooler. W. F. Vose. 2,226,271; Dec. 24.
Bottles, jars, and the like, Forming glass. T. F. Pearson. 2,186,174; Jan. 9.
Bottles, Manufacturing gas. V. A. de Vulitch. 2,200,162; May 7.
Bottles or other hollow articles of glassware, Manufacture of. T. F. Pearson and R. R. Prest. 2,217,811; Oct. 15.
Bottoming machine. H. K. Kimble and J. Chertok. 2,227,224; Dec. 31.
Bottoms in tanks, Installing wooden. C. S. Zigler. 2,223,713; Dec. 3.
Bouclé, Two-color. E. Bry. 2,201,759; May 21.
Boudoir and table lamp. E. Schwarz. 2,192,623; Mar. 5.
Boudoir lamp. E. F. Chambless. 2,222,430; Nov. 19.
Bouillon cube machine. L. Brownstein. 2,200,224; May 7.
Bow, Fiddle. J. S. Shuffty. 2,198,182; Apr. 23.
Bowden device bundle. G. Steinlein. 2,186,181; Jan. 9.
Bowl, Centrifugal separator. G. J. Strezynski. 2,209,043; July 23.
Bowl, Cereal. I. A. Smith. 2,207,417; July 9.
Bowl, Child's play. T. A. Howard. 2,199,915; May 7.
Bowl cleaner. C. D. Muller and A. Z. Bender. 2,196,935; Apr. 9.
Bowl construction, Sink. W. J. Weissert. 2,193,680; Mar. 12.
Bowl, Folding closet. L. Andersen, E. A. Fredrickson, T. P. Newman, H. R. Van Sciver, and R. H. Zinkil. 2,219,437; Oct. 29.
Bowl handling mechanism for mixing machines. W. F. Dehuff. 2,186,478; Jan. 9.
Bowl, Spinning. H. O. Freudenberg. 2,199,309; Apr. 30.
Bowl, Swiveling closter. E. A. Fredrickson, L. Andersen, H. R. Van Sciver, and R. H. Zinkil. 2,202,486; May 28.
Bowl, Toilet. F. L. Bercot. 2,200,687; May 14.
Bowling alley. R. Federer. 2,203,458; June 4.
Bowling alley. D. B. Hinckley. 2,200,551; May 14.
Bowling alley. J. R. Kaiserman. 2,194,146; Mar. 19.
Bowling alley. R. L. Lloyd. 2,217,063; Oct. 8.
Bowling alley. E. G. Strong. 2,207,643; July 9.
Bowling alley. T. R. Treiber. 2,219,704; Oct. 29.
Bowling alley appliance. J. W. McCauley. 2,217,256; Oct. 8.
Bowling alley bed. G. C. Debay. 2,209,082; July 23.
Bowling alley, Portable. J. Rietschel. 2,188,740; Jan. 30.
Bowling alley table, Miniature. A. Uhr. 2,207,645; July 9.
Bowling ball grip gauge. R. F. Hinkley, Sr. 2,207,403–4; July 9.
Bowling ball grip measuring device. J. A. Barry. 2,221,938; Nov. 19.
Bowling equipment. E. W. Brookfield. 2,191,439; Feb. 27.
Bowling game. G. C. Dunlap. 2,210,398; Aug. 6.
Bowling game. L. Hinz. 2,211,777; Aug. 20.
Bowling game apparatus. J. H. Kissinger. 2,211,470; Aug. 13.
Bowling game board. S. Weidemann. 2,206,213; July 2.
Bowling pin. E. W. Hartley. 2,199,310; Apr. 30.
Bowling pin. E. F. Seaman and J. B. Lunsford. 2,202,674; May 28.
Bowling pin reconditioning machine. A. A. Pizzotti. 2,205,541; June 25.
Bowling pin setting apparatus. G. J. Schmidt. 2,208,605; July 23.
Bowling pin setting apparatus. G. J. Schmidt. 2,217,709; Oct. 15.
Bowling pin setting device. W. T. States. 2,198,954; Apr. 30.
Box: *See*—

Automatic toothbrush box.
Bait box.
Beauty box.
Cardboard box.
Channel vented box.
Chessboard box.
Chick box.
Clasp brake.
Collapsible box.
Contact printing box.
Dice box.
Disk brake.
Display box.
Electric outlet box.
Fiber box.
Filing box.
Fill and vent box.
Filter holding box.
Foldable blank box.
Foldable box.
Folding box.
Hat box.
Horticulture plant box.
Hot box.
Hydraulic brake.
Interlocked box.
Jewelry box.
Jewelry display box.
Journal box.
Junction box.
Locking box.
Lunch box.
Mail box.
Miter box.
Moisture box.
Mud box.
Nested box.
Ornamental box.
Outlet box.
Packing box.
Paper box.
Pasteboard box.
Plant box.
Planter box.
Powder box.
Shipping box.
Side frame and journal box.
Sign box.
Solder box.
Starting box.
Storage box.
Stuffing box.
Switch box.
Tackle box.
Telephone and communicating key box.
Toilet box.
Tool and tackle box.
Vanity box.
Vehicle brake.
Wall box.
Watch box.
Watch crystal box.
Water box.
Water color box.
Window box.
Wiring box.
Wooden box.

Box. A. Anderschitz. 2,224,846; Dec. 17.
Box. J. Bernis. 2,209,593; July 30.
Box. P. F. Boeye. 2,210,162; Aug. 6.
Box. J. H. Carson. 2,191,517; Feb. 27.
Box. A. H. Dreux and J. N. Royal. 2,211,885; Aug. 20.
Box. E. F. Dunne. 2,186,102; Jan. 9.
Box. W. T. Hovorka. 2,224,681; Dec. 10.
Box. W. T. Hovorka. 2,224,818; Dec. 10
Box. J. G. Huye. 2,193,924–5; Mar. 19.
Box. S. B. Mason. 2,197,152; Apr. 16.
Box. A. R. Massey. 2,216,277; Oct. 1.
Box. E. C. Mulnix. 2,189,920; Feb. 13.
Box. E. C. Mulnix. 2,191,723; Feb. 27.
Box. P. A. Schilling. 2,216,299; Oct. 1.
Box. E. R. Stivers. 2,190,199; Feb. 13.
Box. W. W. Werner. 2,206,314; July 2.
Box and cover. J. Wertzheiser. 2,201,751; May 21.
Box and fitting, Multiple-chambered explosionproof. A. I. Appleton. 2,208,558; July 23.
Box and hinge combined. W. J. Hiscock. 2,208,158; July 16.

Box and holder, Die. W. H. Solger. 2,222,597; Nov. 26.
Box and making same, Collapsible. H. A. Carruth. 2,220,076; Nov. 5.
Box, and packaging therein, Lined display. R. M. Bergstein. 2,200,818; May 14.
Box and the like. W. J. Beasley and J. W. Summers. 2,221,504; Nov. 12.
Box and tool joint combination, Stuffing. J. C. Fortune. 2,193,587; Mar. 12.
Box blank creasing and folding machine. H. L. and S. G. Mitchell. 2,185,675; Jan. 2.
Box blanks and boxes, Making. C. D. Knowlton. 2,201,185; May 21.
Box closing tool. A. L. Rosenmund. 2,188,161; Jan. 23.
Box connector. P. N. Dann. 2,200,874; May 14.
Box construction, Cardboard. S. Platt. 2,189,151; Feb. 6.
Box construction, Proof. F. A. Anetsberger. 2,212,001; Aug. 20.
Box construction, Water. T. E. Bart. 2,209,015; July 23.
Box covering machine. W. R. Redd. 2,188,759; Jan. 20.
Box folding machine. R. J. Gruenberg and W. E. Formway. 2,213,494; Sept. 3.
Box for agricultural machinery, Tool. E. J. Story. 2,210,347; Aug. 6.
Box for closed tanks, Gauge reading. F. V. Long. 2,217,958; Oct. 15.
Box for drilling apparatus, Gear. J. P. Lang. 2,189,912; Feb. 13.
Box for holding cosmetic preparations and tools and the like. A. Lutz. 2,219,597; Oct. 29.
Box for minature film, Film. H. J. Hood. 2,221,024; Nov. 12.
Box for oil wells, Self-lubricating stuffing. G. R. Huff. 2,199,725; May 7.
Box for shipping and dispensing ice-cream cones, Self-closing. G. G. Buttermann. 2,185,328; Jan. 2.
Box for vehicles. M. H. Hirsh. 2,226,434; Dec. 24.
Box for waxed paper, Cutter. A. W. Moore. 2,226,477; Dec. 24.
Box for wet abrasive cutting machines, Adjustable water. H. G. Robinson. 2,201,408; May 21.
Box forming machine. B. Evans and H. L. Metzger. 2,189,105; Feb. 6.
Box-forming machine. M. A. Waters. Re. 21,445; May 7.
Box having vertically movable bottom. L. N. Sothras. 2,197,842; Apr. 23.
Box locking mechanism, Press. J. Blewett. 2,219,586; Oct. 29.
Box making. C. D. Knowlton. 2,186,977; Jan. 16.
Box-making machine. C. Straw. 2,186,772; Jan. 9.
Box making machine. C. Straw. 2,191,330; Feb. 20.
Box on end of pipe, Making a joint. A. L. Stone. 2,211,178; Aug. 13.
Box or carton blanks bearing printed matter and resulting product, Producing. W. F. Grupe. Re. 21,424; Apr. 16.
Box or carton, Collapsible. G. C. Nydegger. 2,190,846; Feb. 20.
Box or chest for tools or the like. H. L. Levensten. 2,215,881; Sept. 24.
Box or container and making the same, Cigar. I. E. Black and H. Jacobstein. 2,200,256; May 14.
Box or container for roll paper, Dispensing. H. C. Harvey. 2,189,533; Feb. 6.
Box or crate, Knockdown. A. C. Friedel. 2,203,625; June 4.
Box plate. J. Johnson. 2,206,843; July 2.
Box securing means, Outlet. M. J. Gallagher. 2,223,910; Dec. 3.
Box shaper, Setup. G. S. Spake. 2,218,057; Oct. 15.
Box strapping machine. P. Wright. 2,194,108; Mar. 19.
Box strapping tool. H. C. Doolittle. 2,202,194; May 28.
Box strapping tool. H. C. Doolittle. 2,218,023; Oct. 15.
Box structure, Open top book. W. J. Bargen. 2,226,458; Dec. 24.
Box system, Radio call. L. G. Cumming. 2,214,101; Sept. 10.
Box treating apparatus. C. B. Cook. 2,204,011; June 11.
Box unit. R. A. and I. W. Mairson. 2,220,972; Nov. 12.
Box with lid attachment and making same. S. Bergstein. 2,210,443; Aug. 6.
Boxes, Making infolded knockdown. S. Bergstein. 2,198,855; Apr. 30.
Boxes, Making infolded knockdown. S. Bergstein. 2,200,238; May 7.
Boxes, Making knockdown. S. Bergstein. 2,217,504; Oct. 8.
Boxes, Method and apparatus for making. N. A. Anderson. 2,197,089; Apr. 16.
Boxes, Method and apparatus for making collapsible. C. R. Swafford. 2,198,094; Apr. 23.
Boxes, Sealing folded blank. J. A. Farmer. 2,187,305; Jan. 16.
Boxes with one or more nipples, Forming. C. S. Brown. 2,186,322; Jan. 9.
Brace for automobile rear decks or the like. A. Claud-Mantle. 2,205,682-3; June 25.
Brace for shaker conveyers, Adjustable roller. L. E. Jarrett. Re. 21,349; Feb. 13.
Brace, Heel. J. Stapp. 2,204,160; June 11.
Brace, Knee. D. M. Bullock. 2,195,024; Mar. 26.
Brace mounting. W. Gooden. 2,222,408; Nov. 19.
Brace, Rail. G. Arnold. 2,223,865; Dec. 3.
Brace, Strainer bowl. J. G. Jackson. 2,190,987; Feb. 20.
Bracelet. C. A. Domler. 2,195,106; Mar. 26.
Bracelet connecting link. E. Prestinari. 2,185,736; Jan. 2.
Bracelet, Slide band. A. O. Schoeninger. 2,213,096; Aug. 27.
Bracelet, Watch. V. Alonge. 2,189,096; Feb. 6.
Bracelet, Wrist watch. T. Lundman. 2,190,878; Feb. 20.
Bracing for suspension bridges. J. London. 2,217,593; Oct. 8.
Bracing, Lading. E. W. Deuel. 2,186,238; Jan. 9.
Bracket: *See*—
Adjustable bracket.
Bar bracket.
Brake hanger bracket.
Chain bracket.
Cinder pot bracket.
Clothesline bracket.
Curtain bracket.
Curtain crane bracket.
Curtain rod bracket.
Drape and shade bracket.
Hanger bracket.
Insulator screw bracket.
Knee bracket.
Neutral wire bracket.
Post bracket.
Prefabricated bracket.
Roller bracket.
Scaffold bracket.
Shade and curtain bracket.
Shade-roller bracket.
Signal lamp bracket.
Spindle bracket.
Spool bracket.
Stadium-seat bracket.
Supporting bracket.
Switch box.
Swiveling bracket.
Venetian blind bracket.
Window bracket.
Window shade bracket.
Bracket. R. C. Brown. 2,187,642; Jan. 16.
Bracket. T. C. Carney and J. A. Peterson. 2,202,811; June 4.
Bracket. B. M. Frenze. 2,201,529; May 21.
Bracket. T. Wawryski. 2,211,588; Aug. 13.
Bracket and cord fitting assembly for Venetian blinds, Interchangeable and interlocking tilt. W. E. Shehan. 2,224,362; Dec. 10.
Bracket and manufacture thereof. F. Ditchfield. 2,201,826; May 21.
Bracket clamp. P. N. Cloutier. 2,220,214; Nov. 5.
Bracket, curtain holder, and draping support, Combined window shade. R. S. Boughton. 2,192,671; Mar. 5.
Bracket for a safe, Fastening. P. De Chime. 2,197,251; Apr. 16.
Bracket for attachment to pit props, stanchions, beams, and the like. W. Sylvester. 2,197,567; Apr. 16.
Bracket for cabinets, Swingable. C. L. Filbert. 2,210,235; Aug. 6.
Bracket for clothes, Wall. E. C. Milani. 2,194,951; Mar. 26.
Bracket for coffee brewing vessels. K. L. Johnson. 2,187,974; Jan. 23.
Bracket for curtain rods, Center. J. H. Boye. 2,194,064; Mar. 19.
Bracket for curtains, Hold-back. J. H. Boye. 2,194,065; Mar. 19.
Bracket for dispensing rolls. A. G. Krueger. 2,222,951; Nov. 26.
Bracket for electric conductors, Supporting. C. E. Postlethwait. 2,218,769; Oct. 22.
Bracket for lamps and the like. R. W. Hall. 2,202,814; June 4.
Bracket for mounting guardrails. G. A. Gleason and A. P. Hayden. 2,193,689; Mar. 12.
Bracket for outlet boxes, Supporting. L. J. Bessette. 2,209,146; July 23.
Bracket for shower or spray devices, Supporting. J. E. Conklin. Re. 21,670; Dec. 24.
Bracket for vacuum cleaners, Hose caster. W. Leathers. 2,192,356; Mar. 5.
Bracket for vehicle jacks, Attaching. L. B. Compañó. 2,215,146; Sept. 17.
Bracket for Venetian blinds, Adjustable. E. H. Carroll. 2,225,550; Dec. 17.
Bracket replacement, Hanger. V. H. Harbert. 2,193,592; Mar. 12.
Bracket structure, Adjustable. A. C. Perbal. 2,200,518; May 14.
Bracket, Suction cup wall shower. O. W. Holden. Re. 21,391; Mar. 12.
Bracketing device. A. C. Fischer and R. D. Moyers. 2,223,680; Dec. 3.
Brackets or hold-fasts, Producing wall. P. Lazarides. 2,199,436; May 7.
Brad. L. Sabo. 2,226,141; Dec. 24.
Braden head and pipe hanger. J. S. Abercrombie. 2,194,265; Mar. 19.
Braider carrier. R. V. Olson. 2,211,730; Aug. 13.
Braiding machine. J. A. Muller. 2,197,111; Apr. 16.
Braiding machine stop motion. W. Ramsden. 2,185,225; Jan. 2.
Brake: *See*—
Air brake.
Airplane brake.
Automatic brake.
Bending brake.
Car brake.
Clasp brake.
Coaster brake.
Crane brake.
Disk-type brake.
Drum brake
Electric brake.
Electrically controlled brake.
Electromagnetic brake.
Empty and load brake
Expansion brake.
Fishing-reel brake.
Fluid brake
Fluid pressure actuated brake.
Fluid pressure brake.
Freight car brake.
Hand brake.
High speed brake.
Hub brake.
Hydraulic brake.

Brake: *See*—

Internal brake	Self-acting brake.
Internal shoe brake.	Self-energizing brake.
Landing gear brake.	Ship brake.
Liquid cooled brake.	Sled brake.
Machine brake.	Speed controlled brake.
Mechanical load brake.	Spindle brake.
Metal bending brake.	Spring-applied brake.
One-way brake.	Steering wheel brake.
Photographic shutter brake.	Thread brake.
	Trailer brake.
Power operated brake.	Truck brake.
Press brake.	Vacuum power brake.
Railway hand brake.	Vehicle brake.
Reverse brake.	Vehicular brake.
Roller skate brake.	Wheel brake.
Scooter brake.	Yarn brake.

Brake. C. V. Berglund. 2,188,452; Jan. 30.
Brake. C. H. Bock. 2,188,453; Jan. 30.
Brake. R. H. Bolster. 2,192,001; Feb. 27.
Brake. H. C. Bowen. 2,196,333; Apr. 9.
Brake. H. C. Bowen. 2,223,546; Dec. 3.
Brake. C. S. Bragg and R. P. Breese. 2,215,732; Sept. 24.
Brake. F. J. Buffa. 2,191,954; Feb. 27.
Brake. F. W. Burger. 2,192,004; Feb. 27.
Brake. E. G. Carroll. 2,227,245; Dec. 31.
Brake. L. A. Chaminade. 2,219,764; Oct. 29.
Brake. S. M. Chartock and A. M. Franchi. 2,224,215; Dec. 10.
Brake. A. Y. Dodge. 2,206,742; July 2.
Brake. C. L. Eksergian. 2,214,762; Sept. 17.
Brake. R. B. Ellars. 2,213,340; Sept. 3.
Brake. W. E. Fields. 2,201,612; May 21.
Brake. O. H. Fowler. 2,206,604; July 2.
Brake. F. C. Frank. 2,185,250; Jan. 2.
Brake. R. A. Goepfrich. 2,185,434; Jan. 2.
Brake. R. A. Goepfrich. 2,185,435; Jan. 2.
Brake. R. A. Goepfrich. 2,191,987; Feb. 27.
Brake. G. A. Goepfrich. 2,201,999; May 28.
Brake. R. A. Goepfrich. 2,207,172–3; July 9.
Brake. R. A. Goepfrich. 2,221,090; Nov. 12.
Brake. R. A. Goepfrich. 2,222,836; Nov. 26.
Brake. R. A. Goepfrich and C. Press. 2,209,772; July 30.
Brake. J. G. Hawley. 2,212,523; Aug. 27.
Brake. D. Hoppenstand. 2,201,293; May 21.
Brake. F. G. Hughes. 2,199,997; May 7.
Brake. H. D. Hukill. 2,212,918; Aug. 27.
Brake. D. Hoppenstand. 2,212,422; Aug. 20.
Brake. J. J. Imhoff. 2,192,678; Mar. 5.
Brake. L. E. La Brie. Re. 21,380; Mar. 5.
Brake. L. E. La Brie. 2,207,126; July 9.
Brake. L. E. La Brie. 2,222,848; Nov. 26.
Brake. K. E. Lapwood. 2,218,201; Oct. 15.
Brake. M. Leupold. 2,185,261; Jan. 2.
Brake. H. C. Liveringhouse. 2,202,530; May 28.
Brake. E. F. Loweke. 2,214,967; Sept. 17.
Brake. E. F. Loweke. 2,216,848; Oct. 8.
Brake. E. C. Neal. 2,225,079; Dec. 17.
Brake. J. V. Ralston. 2,204,105; June 11.
Brake. G. P. Roberts. 2,189,224; Feb. 6.
Brake. W. J. Ryan. 2,189,226; Feb. 6.
Brake. W. J. Ryan. 2,222,858; Nov. 26.
Brake. H. C. Swift. 2,223,583; Dec. 3.
Brake. C. R. Waseige. 2,192,293; Mar. 5.
Brake. J. W. White and R. A. Goepfrich. 2,215,747; Sept. 24.
Brake actuating mechanism. B. Dick. 2,218,191; Oct. 15.
Brake actuators, Actuating and locking. C. Sauzedde. 2,219,336; Oct. 29.
Brake adjuster. H. A. Payne. 2,210,336; Aug. 6.
Brake adjuster, Automatic. H. G. Brown. 2,196,137; Apr. 2.
Brake adjuster, Automatic. J. Keplinger. 2,196,799; Apr. 9.
Brake adjustment. G. A. Carlson and J. L. Tunison. 2,211,097; Aug. 13.
Brake adjustment. G. S. Lane. 2,196,396; Apr. 9.
Brake adjustment. G. S. Lane. 2,207,261; July 9.
Brake adjustment. G. S. Lane. 2,211,136; Aug. 13.
Brake adjustment. G. S. Lane. 2,212,322; Aug. 20.
Brake adjustment. G. S. Lane. 2,214,744; Sept. 17.
Brake adjustment, Automatic. G. V. Mabrito. 2,195,178; Mar. 26.
Brake adjustment, Automatic. G. V. Mabrito. 2,205,889; June 25.
Brake and accelerator control. W. J. Smith. 2,222,378; Nov. 19.
Brake and accelerator for conveyers. S. Eggleston. 2,194,219; Mar. 19.
Brake and clutch attachment. J. E. McGrane. 2,207,328; July 9.
Brake and clutch capacity control. E. A. Thompson. 2,193,305; Mar. 12.
Brake and clutch pedal for automobiles. D. W. Sherman. 2,212,355; Aug. 20.
Brake and its application in rail and road vehicles, Hydraulic circuit. K. Friedrich and E. Seibold. 2,201,165; May 21.
Brake and making same, Coaster. S. B. Kurzina, Jr. 2,189,957; Feb. 13.
Brake and motor control system, Vehicle. E. E. Hewitt. 2,215,356; Sept. 17.
Brake and propulsion control actuator. E. E. Hewitt. 2,215,355; Sept. 17.
Brake and sanding apparatus, Vehicle. C. C. Farmer. 2,198,031; Apr. 23.
Brake and sanding control equipment. B. S. Aikman. 2,198,022; Apr. 23.
Brake and sanding control means. C. M. Hines. 2,208,738–9; July 23.
Brake apparatus. J. J. Adam. 2,198,522; Apr. 23.
Brake apparatus. R. A. Avery. 2,204,720; June 18.
Brake apparatus, Automatic. W. J. Smith. 2,196,126; Apr. 2.
Brake apparatus, Fluid pressure. D. L. McNeal. 2,198,038; Apr. 23.
Brake apparatus, Hydraulic. F. L. Main. 2,216,124; Oct. 1.
Brake apparatus, Hydraulic. H. K. Weihe. 2,217,461; Oct. 8.
Brake apparatus, Load. G. K. Newell. 2,204,815; June 18.
Brake applying means for vehicles. D. T. Brock and G. R. G. Gates. 2,189,192; Feb. 6.
Brake arrangement. W. H. Baselt. 2,215,239; Sept. 17.
Brake arrangement. W. H. Baselt and R. G. Aurien. 2,188,260; Jan. 23.
Brake arrangement. J. Purcell. 2,226,874; Dec. 31.
Brake arrangement for six-wheel trucks. E. J. Simanek. 2,192,157; Feb. 27.
Brake assembly for motor vehicles. W. Godstrey. 2,199,199; Apr. 30.
Brake beam. C. R. Busch. 2,193,580; Mar. 12.
Brake beam. F. Schaefer. 2,206,676; July 2.
Brake beam and head therefor. C. R. Busch. 2,226,704; Dec. 31.
Brake beam shoe. C. K. Stillwagon. 2,197,399; Apr. 16.
Brake beam strut, Reversible. T. K. Cummins. 2,194,640; Mar. 26.
Brake beam third and fourth point support, Railway. H. W. Ekholm and O. Jobson. 2,192,965; Mar. 12.
Brake bleeder, Hydraulic. U. A. Inman. 2,194,753; Mar. 26.
Brake bleeding device. A. F. Maack and P. E. Gieselman. 2,209,784; July 30.
Brake blocks, Making. H. B. Denman. 2,185,333; Jan. 2.
Brake connector, Hydromechanical. D. C. Engle and G. J. Korfhage. 2,219,518; Oct. 29.
Brake construction, Automotive. W. H. Gille. 2,206,182; July 2.
Brake construction, Folding. B. Warger. 2,208,061; July 16.
Brake control. G. E. Miller. 2,220,611; Nov. 5.
Brake control apparatus, Fluid-pressure. G. E. Beharrell, J. Wright, and H. Trevaskis. 2,200,829; May 14.
Brake control apparatus for trailers, Automatic. L. G. Nielsen and F. C. and F. A. Lymburner. 2,192,384; Mar. 5.
Brake control apparatus, Inertia type. J. C. McCune. 2,208,768; July 23.
Brake control device. W. E. Schober. 2,226,584; Dec. 31.
Brake-control device for motor vehicles. J. B. P. Vau. 2,207,041; July 9.
Brake control, Hydraulic. H. T. Malley. 2,208,220; July 16.
Brake control, Hydraulic. E. F. Sprenkle. 2,217,141; Oct. 8.
Brake control means. C. C. Farmer. 2,198,030; Apr. 23.
Brake control means. G. G. McNamara. 2,194,207; Mar. 19.
Brake control means. C. D. Stewart. 2,208,737; July 23.
Brake control means, Clutch actuated. J. C. Chalmers. 2,216,640; Oct. 1.
Brake control means, Inertia type. C. C. Farmer. 2,198,033; Apr. 23.
Brake control means, Inertia type. J. C. McCune. 2,223,114; Nov. 26.
Brake control means, Vehicle. D. L. McNeal. 2,218,619; Oct. 22.
Brake control mechanism. C. L. Eksergian. 2,192,966; Mar. 12.
Brake control mechanism. M. B. Lucker. 2,188,281; Jan. 23.
Brake control mechanism. R. W. Neate and F. Chandler. 2,212,165; Aug. 20.
Brake control mechanism, Automobile and trailer. R. E. Cox. 2,188,200; Jan. 23.
Brake control mechanism for aircraft. W. F. Boldt and W. R. Freeman. 2,224,124; Dec. 10.
Brake control, Trailer. A. H. Ace and L. R. Harriman. 2,189,335; Feb. 6.
Brake control unit for fluid-operated brakes. J. M. Capen. 2,220,620; Nov. 5.
Brake control valve. W. A. Eaton. 2,204,530; June 11.
Brake control, Vehicle wheel. T. A. Stehlin. 2,200,659; May 14.
Brake controller, Inertia type. C. C. Farmer. 2,198,034; Apr. 23.
Brake controlling means for automobiles. S. M. Coffman. 2,223,717; Dec. 3.
Brake cylinder device. B. S. Aikman. 2,194,732; Mar. 26.

Brake cylinder device. B. S. Aikman. 2,201,571; May 21.
Brake cylinder device. C. C. Farmer. 2,204,795; June 18.
Brake cylinder, Hydraulic. L. E. La Brie. 2,196,995; Apr. 16.
Brake cylinder, Hydraulic. J. W. Leighton. 2,190,719; Feb. 20.
Brake device, Empty and load. E. E. Hewitt. 2,194,751; Mar. 26.
Brake device, Empty and load. J. J. Sinclair and S. L. Williams. 2,204,830; June 18.
Brake device for cycles. F. Kormann. 2,201,902; May 21.
Brake device, Wheel. C. C. Farmer. 2,194,743; Mar. 26.
Brake disk. C. L. Eksergian. 2,215,421; Sept. 17.
Brake drum. P. M. and R. B. Miller. 2,201,445; May 21.
Brake drum. A. S. Van Halteren. 2,185,875; Jan. 2.
Brake drums, Making. D. J. Campbell and C. W. Dake. 2,218,810; Oct. 22.
Brake drums, Water cooling of. C. A. Olcott. 2,220,824; Nov. 5.
Brake, Electromagnetic. P. Trombetta. Re. 21,497; June 25.
Brake element. R. L. Wilson. 2,215,572; Sept. 24.
Brake equalizer. A. R. Harvey. 2,219,041; Oct. 22.
Brake equalizer, Automotive. C. L. Haines. 2,193,360; Mar. 12.
Brake equalizer for automobiles. J. Macsicska. 2,203,536; June 4.
Brake equalizer, Vehicle. C. Z. Smith. 2,195,099; Mar. 26.
Brake equipment. E. E. Hewitt. 2,215,354; Sept. 17.
Brake equipment, Fluid pressure. E. S. Cook and J. Canetta. 2,201,574; May 21.
Brake equipment, Locomotive. C. H. McKinstry. 2,208,771; July 23.
Brake fluid and the like. D. G. Zink. 2,226,487; Dec. 24.
Brake fluid, Hydraulic. H. R. Fife. 2,200,494; May 14.
Brake for aircraft. P. V. Doepp. 2,205,714; June 25.
Brake for drums. R. R. Bloss. 2,195,200; Mar. 26.
Brake for hoisting reels. H. S. Bell. 2,205,643; June 25.
Brake for motorcycles and bicycles, Hydraulic. R. D. Insko. 2,189,904; Feb. 13.
Brake for railway cars, Rail. E. Latshaw. 2,207,295; July 9.
Brake for the main shaft of a typographical machine, Automatic. C. A. Baumgardner. 2,214,873; Sept. 17.
Brake for trailers, Compressor. C. F. Hines. 2,185,667; Jan. 2.
Brake for vehicle wheels, Internal expanding. W. Page. 2,199,269; Apr. 30.
Brake for vehicles. G. R. G. Gates. 2,212,934; Aug. 27.
Brake for vehicles operated by steam-driven piston engines. K. Ewald. 2,210,363; Aug. 6.
Brake gear support, Railway. E. G. Busse. 2,216,338; Oct. 1.
Brake governor, Vehicle. T. J. Carmichael. 2,225,978; Dec. 24.
Brake hanger bracket. D. M. Light. 2,188,268; Jan. 23.
Brake hanger bracket. D. M. Light. 2,194,445; Mar. 19.
Brake hanger support. G. T. Cooke. 2,220,640; Nov. 5.
Brake holding apparatus, Hydraulic. F. L. Darling. Re. 21,602; Oct. 22.
Brake lever. A. P. Fergueson. 2,206,531; July 2.
Brake lever. R. A. Sandberg. 2,199,448; May 7.
Brake lever assembly, Emergency. A. L. Johnson. 2,204,893; June 18.
Brake lever clutch. L. Illmer. 2,192,443; Mar. 5.
Brake lever controlled switch. J. S. Weeks. 2,186,055; Jan. 9.
Brake lever—friction type. H. S. Jandus. 2,217,752; Oct. 15.
Brake lever linkage, Hand. L. Illmer. 2,223,565; Dec. 3.
Brake lever release mechanism. H. S. Jandus and C. F. Purdy. Re. 21,581; Sept. 24.
Brake levers, Making. F. D. Wenn. 2,199,366; Apr. 30.
Brake locking mechanism for automobiles. P. Sacks and M. M. McCoy. 2,224,747; Dec. 10.
Brake means. J. C. McCune and G. K. Newell. 2,218,616; Oct. 22.
Brake means. C. D. Stewart. 2,212,408; Aug. 20.
Brake mechanism. S. F. Arbuckle. 2,211,043; Aug. 13.
Brake mechanism. D. L. Babcock. 2,226,152; Dec. 24.
Brake mechanism. C. F. Baisch. 2,185,324; Jan. 2.
Brake mechanism. C. F. Baisch. 2,202,642; May 28.
Brake mechanism. F. C. Best. 2,210,111; Aug. 6.
Brake mechanism. S. Buckley. 2,188,766; Jan. 20.
Brake mechanism. R. J. Burrows and A. O. Williams. 2,221,074; Nov. 12.
Brake mechanism. R. J. Burrows, A. O. Williams, and W. L. Davis. 2,221,075; Nov. 12.
Brake mechanism. R. J. Bush. 2,215,346; Sept. 17.
Brake mechanism. R. J. Bush and W. H. Glass. 2,218,600; Oct. 22.
Brake mechanism. J. Butler. 2,196,520; Apr. 9.
Brake mechanism. L. L. Chesman. 2,218,812; Oct. 22.
Brake mechanism. N. A. Christensen. 2,197,068; Apr. 16.
Brake mechanism. E. R. Evans. 2,214,900; Sept. 17.
Brake mechanism. C. C. Farmer. 2,198,028; Apr. 23.
Brake mechanism. C. C. Farmer. 2,211,888; Aug. 20.
Brake mechanism. C. C. Farmer. 2,211,916; Aug. 20.
Brake mechanism. G. C. Farmer. 2,211,890; Aug. 20.
Brake mechanism. H. D. Humphrey. 2,226,662; Dec. 31.
Brake mechanism. E. Kaufmann. 2,202,454; May 28.
Brake mechanism. R. L. Koeppen and L. R. Buckendale. 2,197,583; Apr. 16.
Brake mechanism. H. T. Lambert. 2,225,562; Dec. 17.
Brake mechanism. F. L. Main. 2,186,834; Jan. 9.
Brake mechanism. F. L. Main. 2,189,014; Feb. 6.
Brake mechanism. F. L. Main. 2,193,975; Mar. 19.
Brake mechanism. F. L. Main. 2,198,878; Apr. 30.
Brake mechanism. J. C. McCune. 2,194,764; Mar. 26.
Brake mechanism. J. C. McCune and G. K. Newell. 2,204,807; June 18.
Brake mechanism. H. C. Morehouse. 2,191,769; Feb. 27.
Brake mechanism. E. G. Mueller. 2,210,038; Aug. 6.
Brake mechanism. A. F. O'Commor. Re. 21,460; May 21.
Brake mechanism. C. Sauzedde. 2,224,932; Dec. 17.
Brake mechanism. C. A. Sawtelle. 2,193,985; Mar. 19.
Brake mechanism. A. W. Scott. 2,214,679; Sept. 10.
Brake mechanism. W. H. Seeley. 2,213,825; Sept. 3.
Brake mechanism. B. H. Shinn. 2,214,911; Sept. 17.
Brake mechanism. E. O. Shreffler and A. D. Lesage. 2,197,321; Apr. 16.
Brake mechanism. S. A. Snell. 2,190,087; Feb. 13.
Brake mechanism. C. D. Stewart. 2,211,915; Aug. 20.
Brake mechanism. C. D. Stewart. 2,212,409; Aug. 20.
Brake mechanism. W. C. Ware and R. E. Allen. 2,194,840; Mar. 26.
Brake mechanism. R. T. Whitney. 2,218,601; Oct. 22.
Brake mechanism for railway cars, Hand. J. A. Leiendecker and J. A. Hyle. 2,193,030; Mar. 12.
Brake mechanism, Hand. E. C. Mersereau. 2,227,315; Dec. 31.
Brake mechanism, Hand. E. W. Zane. 2,188,521; Jan. 30.
Brake mechanism, Hydraulic. P. Hirsch. 2,194,657; Mar. 26.
Brake mechanism, Load. C. C. Farmer. 2,215,350; Sept. 17.
Brake mechanism, Railway hand. E. E. Van Cleave. 2,201,656; May 21.
Brake mechanism, Trailer. M. H. Tuft. 2,213,891; Sept. 3.
Brake operating mechanism. G. G. Ingalls. Re. 21,431; Apr. 23.
Brake operating mechanism. W. R. and R. E. Millican. 2,194,197–8; Mar. 19.
Brake operating mechanism, Handwheel. E. E. Van Cleave. 2,207,500; July 9.
Brake pedal construction. D. W. Sherman. 2,212,354; Aug. 20.
Brake resistance control and cooling system, Hydrodynamic. W. G. Fitzpatrick. 2,226,558; Dec. 31.
Brake rigging. H. E. Anderson. 2,187,993; Jan. 23.
Brake rigging. T. C. Crossman. Re. 21,671; Dec. 24.
Brake rigging. T. C. Crossman. 2,199,128; Apr. 30.
Brake rigging. S. G. Down. 2,191,821; Feb. 27.
Brake rigging. J. F. Holloway. 2,202,381; May 28.
Brake rigging. T. R. McGowan. 2,192,270; Mar. 5.
Brake rigging. T. R. McGowan. 2,221,714; Nov. 12.
Brake rigging. E. G. Mueller. 2,199,111; Apr. 30.
Brake rigging. E. G. Mueller. 2,211,150; Aug. 13.
Brake rigging. E. J. Simanek. 2,208,107; July 16.
Brake rigging, Automatic equalizing. O. Rawlinson. 2,216,048; Sept. 24.
Brake ring with cooling means. C. L. Eksergian. 2,208,525; July 16.
Brake shoe. C. F. Hirshfeld. 2,207,151; July 9.
Brake shoe. O. Rasmussen. 2,195,262; Mar. 26.
Brake shoe, Adjustable. S. Schnell. 2,215,568; Sept. 24.
Brake shoe construction. R. H. Rosenberg. 2,192,696; Mar. 5.
Brake shoe construction. S. Schnell. 2,215,567; Sept. 24.
Brake shoe guide, Resilient. S. Schnell and W. F. Boldt. 2,211,439; Aug. 13.
Brake shoe, Hydraulic. M. A. Tirabasso. 2,207,421; July 9.
Brake shoe lapping apparatus. D. A. Wallace. 2,195,059; Mar. 26.
Brake shoe lining grinding machine. W. B. Stone. 2,225,806; Dec. 24.
Brake shoe mounting. B. Dick. 2,202,842; June 4.
Brake shoe mounting. C. C. Farmer. 2,215,351; Sept. 17.
Brake shoe mounting. S. Schnell and B. Dick. 2,205,439; June 25.
Brake shoe, Vehicle. J. C. McCune. 2,218,615; Oct. 22.
Brake structure, Annular. C. L. Eksergian. 2,215,420; Sept. 17.
Brake structure, Safety hydraulic. J. F. Guderian. 2,201,086; May 14.
Brake system. J. W. Logan, Jr. 2,187,942; Jan. 23.
Brake system. J. W. Logan, Jr. 2,194,759; Mar. 26.
Brake system. J. W. Logan, Jr. 2,218,613; Oct. 22.
Brake system. A. B. Seppmann. 2,207,228; July 9.
Brake system bleeding and filling apparatus, Hydraulic. E. D. Wilkerson. 2,217,827; Oct. 15.
Braking system, Fluid pressure. H. C. Bowen. 2,201,518; May 21.
Brake system, Fluid pressure. G. J. Lanz. 2,187,789; Jan. 23.
Brake system for automobiles. E. C. Morphet. 2,217,230; Oct. 8.

Brake system, Hydraulic. L. S. Bittner. 2,185,535; Jan. 2.
Brake system, Hydraulic. M. W. Bowen. 2,195,558; Apr. 2.
Brake system, Hydraulic. H. C. Bowen. 2,196,190; Apr. 9.
Brake system, Hydraulic. R. M. G. Phillips. 2,189,403; Feb. 6.
Brake system, Hydraulic actuated frictional. G. E. Pierce. 2,193,377; Mar. 12.
Braking system, Hydraulically operating. J. A. Derrig. 2,201,523; May 21.
Brake system, Safety hydraulic. E. Hess. 2,203,908; June 11.
Brake system, Trailer. R. C. Hoyt. 2,191,318; Feb. 20.
Brake system, Vehicle. C. C. Farmer. 2,194,744; Mar. 26.
Brake tester. M. M. Cunningham. 2,185,246; Jan. 2.
Brake tester. O. H. Fowler. 2,190,833; Feb. 20.
Brake tester. O. H. Fowler. 2,204,136; June 4.
Brake tester device for automobiles or the like. P. Meshberg. 2,192,602; Mar. 5.
Brake testing meter. W. E. Andrews. 2,215,992; Sept. 24.
Brake unit. H. T. Lambert. 2,225,563; Dec. 17.
Brake valve device. C. C. Farmer. 2,223,032; Nov. 26.
Brake valve, Remote controlled vacuum. D. F. Searle. 2,204,706; June 18.
Brake ventilation control means. C. C. Farmer. 2,198,027; Apr. 23.
Brake wear indicating apparatus. W. W. Madison. 2,217,176; Oct. 8.
Brakes, Magnetic. T. H. Schoepf and D. M. Ritchie. Re. 21,404; Mar. 19.
Braking apparatus. C. H. Nickell. 2,191,677; Feb. 27.
Braking apparatus, Fluid pressure. W. E. Wine. 2,218,692; Oct. 22.
Braking apparatus for trailer vehicles. C. E. Snider. 2,221,929; Nov. 19.
Braking apparatus, Hydraulic. R. O. Anderson. 2,219,215; Oct. 22.
Braking apparatus, Hydraulic. R. O. Anderson and A. H. Carson. 2,185,491; Jan. 2.
Braking attachment. M. G. Petersen. 2,215,765; Sept. 24.
Braking device, Emergency. H. M. Greene. 2,224,785; Dec. 10.
Braking device for skiing. H. Thirring. 2,213,754; Sept. 3.
Braking for motor vehicles, Automatic servo. J.-B. P. Vau. 2,196,346; Apr. 9.
Braking means, Railway train. L. Kaufman. 2,214,465; Sept. 10.
Braking mechanism. B. Dick. 2,190,978–9; Feb. 20.
Braking mechanism. B. Dick. 2,202,841; June 4.
Braking mechanism. B. Dick. 2,206,030; July 2.
Braking mechanism. B. Dick. 2,215,547; Sept. 24.
Braking mechanism. B. Dick and S. Schnell. 2,218,192; Oct. 15.
Braking mechanism. W. R. Freeman. 2,186,332; Jan. 9.
Braking mechanism. L. L. Greterman. 2,210,757; Aug. 6.
Braking mechanism. J. W. Hatch and W. J. Burman. 2,194,853; Mar. 26.
Braking mechanism. G. H. Hunt. 2,191,716; Feb. 27.
Braking mechanism. G. C. R. Kuiper and M. Mukerjee. 2,208,132; July 16.
Braking mechanism. W. C. McWhirter and E. G. Little. 2,215,909; Sept. 24.
Braking mechanism. W. E. Parkes. 2,211,025; Aug. 13.
Braking mechanism for railway car trucks. H. W. Stertzbach and H. A. Moeller. 2,213,371; Sept. 3.
Braking mechanism for wind driven generators. E. A. Arndt. 2,199,234; Apr. 30.
Braking mechanism, Hand controlled. L. M. Fines. 2,223,800; Dec. 3.
Braking system. H. Baade. 2,215,602; Sept. 24.
Braking system. B. Dick. 2,197,126; Apr. 16.
Braking system. A. O. McCollum. 2,192,680; Mar. 5.
Braking system, Automatic. W. I. Weeks. 2,192,021; Feb. 21.
Braking system, Fluid. W. R. Freeman. 2,190,981; Feb. 20.
Braking system, Fluid pressure. H. C. Bowen. 2,206,629; July 2.
Braking system, Fluid pressure. O. H. Fowler. 2,211,651; Aug. 13.
Braking system, Fluid pressure. E. F. Loweke. 2,216,847; Oct. 8.
Braking system for electric trains. C. Vogel. 2,210,694; Aug. 6.
Braking system for vehicles, Oil actuated. J. Kohler. 2,190,120; Feb. 13.
Braking system, Hydrocompound. O. Lepersonne. 2,190,238; Feb. 13.
Braking system, Liquid pressure. D. T. Brock. 2,209,595; July 30.
Braking system, Vacuum. T. A. Stehlin. 2,213,970; Sept. 10.
Branding device. W. M. Brook. 2,213,898; Sept. 3.
Branding machine. E. Litchfield. 2,189,637; Feb. 6.
Brassière. H. V. Malnick. 2,202,058; May 28.
Brassière and health protector, Lady's health. W. E. Williams. 2,222,523; Nov. 19.
Braun tube. B. Engels. 2,222,197; Nov. 19.
Braun tube. R. Orthuber, E. Steudel, and H. Mahl. 2,222,955; Nov. 26.
Braun tube. B. Wienecke. 2,227,051; Dec. 31.
Brazing and casehardening. O. F. Gottlieb. 2,197,039; Apr. 16.
Bread and the like for controlled atmosphere, Method of and apparatus for cooling, slicing, and wrapping. W. W. Reece. 2,215,193; Sept. 17.
Bread dispenser. E. D. Nye. 2,211,349; Aug. 13.
Bread-loaf fractionating machine, Sliced. G. C. Papendick. 2,211,433; Aug. 13.
Bread slicing and wrapping machine, Combination. W. W. Hartman. 2,215,036; Sept. 17.
Bread slicing equipment. D. D. Taylor and A. P. Bixler. 2,206,207; July 2.
Bread slicing machine. R. J. Beutel. 2,185,744; Jan. 2.
Bread slicing machine. H. J. Criner. 2,185,835; Jan. 2.
Bread slicing machine. H. J. Criner. 2,195 641; Apr. 2.
Bread slicing machine. H. J. Criner. 2,208,834; July 23.
Bread slicing machine. H. J. Criner. 2,210,527; Aug. 6.
Bread slicing machine. O. D. Taylor. 2,216,103; Sept. 24.
Bread, Toasting. L. Neuberger. 2,186,807; Jan. 9.
Bread wrapping machine. I. C. Gellman. 2,220,367; Nov. 5.
Breakaway apparatus. M. L. and M. L. Jones. 2,198,537; Apr. 23.
Breakwater. H. J. Humphrey. 2,191,924; Feb. 27.
Breakwater, Floating. L. Giliasso. 2,185,458; Jan. 2.
Breast form. H. A. Austin. 2,185,761; Jan. 2.
Breast pump. D. von Grolman. 2,208,089; July 16.
Breather system for internal combustion engines. A. C. Dressler. 2,185,501; Jan. 2.
Breathing apparatus. T. F. Wright. 2,222,971; Nov. 26.
Breathing means for pipe insulation. G. Slayter. 2,210,958; Aug. 13.
Breechblock operating mechanism. W. Summerbell. 2,216,860; Oct. 8.
Breech construction and operation. C. H. Havill. 2,221,706; Nov. 12.
Breech mechanism for power generating propulsive charges, Rotary. R. A. Coffman. 2,208,496; July 16.
Brew draft equipment. H. E. Schulse. 2,196,709; Apr. 9.
Brew handling and dispensing device. J. M. Bruce. 2,201,154; May 21.
Brick and construction comprising the same, Luminous. E. B. Baker. Oct. 1.
Brick and method of and apparatus for making the same, Glass. W. S. Rendall. 2,224,488; Dec. 10.
Brick and tile, Forming. B. J. Chamblin. 2,209,643; July 30.
Brick, Building. J. W. Mutch. 2,192,691; Mar. 5.
Brick formation. G. P. Selby. 2,206,205; July 2.
Brick forming machine. A. F. Stavenow. 2,203,447; June 4.
Brick, Interlocking. A. J. Cilento and S. J. Agnoli. 2,185,497; Jan. 2.
Bricklayer's line pin. L. Sabiston. 2,208,085; July 16.
Brick, Making light weight refractory. C. Matheny. 2,224,459; Dec. 10.
Brick, Method and apparatus for rough surfacing. G. A. Gase. 2,196.067; Apr. 2.
Brick or block. L. T. Makram. 2,201,110; May 14.
Brick press. E. B. Hagar. 2,218,196; Oct. 15.
Brick press. G. W. Reed. 2,208,054; July 16.
Bricks and the like, Manufacturing. F. J. Cannon. 2,226,966; Dec. 31.
Bricks, Method and apparatus for making. G. W. and L. A. Denison. 2,191,106; Feb. 20.
Bridge arrangement. T. A. Rich. 2,219,939; Oct. 29.
Bridge, Cast fixed. C. D. Morton. 2,196,505; Apr. 9.
Bridge circuit. H. P. Donle and M. A. Michaels. 2,189,462; Feb. 6.
Bridge construction. W. Kenan. 2,221,919; Nov. 19.
Bridge for oil wells, Blasting. I. N. Clark. 2,216,067; Sept. 24.
Bridge for string instruments. F. Gretsch, Jr. 2,190,475; Feb. 13.
Bridge for stringed instruments. E. R. Born. 2,199,612; May 7.
Bridge lamp. H. Sandel. 2,222,859; Nov. 26.
Bridge, Lift. R. W. Finke. 2,198,810; Apr. 30.
Bridge operating mechanism. J. A. Dunford. 2,191,708; Feb. 27.
Bridge or tunnel construction, Submerged. A. J. Widmer. 2,211,589; Aug. 13.
Bridge plug. C. E. Burt. 2,187,487; Jan. 16.
Bridge plug, Retrievable wire line. C. E. Strom. 2,194,331; Mar. 19.
Bridge table. L. O. Quillin and R. L. Cook. 2,204,822; June 18.
Bridging plug. W. T. Wells. 2,191,783; Feb. 27.
Bridle, Leverage hackamore. W. I. Simon. 2,186,350; Jan. 9.
Brief case. S. B. Reuben. 2,226,387; Dec. 24.
Brine, Production of salt. F. L. Bolton. 2,200,665; May 14.
Brines, Purifying. J. B. Pierce, Jr. 2,191,411; Feb. 20.
Brines, Recovery of usable values from. W. H. Farnsworth and C. H. Martin. 2,191,561; Feb. 27.
Briquette, Fuel. R. T. Bowling. 2,222,250; Nov. 19.
Briquette machine. F. O. Graham. 2,194,593; Mar. 26.
Bristle feeding machine. W. P-G. Hall, C. R. Johnson, and R. R. Nydegger. 2,225,535; Dec. 17.

Broaching machine. W. A. Hart. 2,189,984; Feb. 13.
Broaching machine. W. A. Hart. 2,190,067; Feb. 13.
Broaching machine. M. Romaine and W. Trible. 2,194,568; Mar. 26.
Briquetting machine tamping device. E. J. Byerlein. 2,206,000; June 25.
Briquetting rolls, Making. G. Komarek. 2,203,200; June 4.
Bristle and making same, Artificial. H. A. Neville and W. C. Forbes. 2,207,156–7; July 9.
Bristle, Artificial. H. A. Neville and W. C. Forbes. 2,207,158; July 9.
Bristle feeding and picking device. L. W. Vinal. 2,211,036; Aug. 13.
Broach. J. Drabik. 2,217,659; Oct. 15.
Broach. L. I. Kaplan and B. G. von Reis. 2,209,025–6; July 23.
Broach. F. J. and E. J. Lapointe. 2,215,616; Sept. 24.
Broach, Surface. F. J. and E. J. Lapointe. 2,204,537; June 11.
Broaching machine. W. D. Averill. 2,225,731; Dec. 24.
Broaching machine. L. I. Kaplan and B. G. von Reis. 2,209,027; July 23.
Broaching machine. H. C. Nye. 2,216,891; Oct. 8.
Broaching machine. M. Romaine. 2,203,798; June 11.
Broaching machine. M. Romaine, A. H. Hawley, and H. Horlacher. 2,205,277; June 18.
Broaching machine. J. D. Rovick and W. A. Hart. 2,223,920; Dec. 3.
Broaching machine. E. D. Vancil and A. H. Hawley, Sr. 2,203,803; June 11.
Broaching machine. B. Welte and A. H. Werden. 2,225,191; Dec. 17.
Broaching machine, Duplex interlocked hydraulic. K. C. Monroe. 2,198,881; Apr. 30.
Broadcast and wave selector, Automatic electrical. A. W. Plensler. Re. 21,366; Feb. 20.
Broadcasting, Method of. L. Hammond. 2,199,702; May 7.
Broadcasting station selector and volume control, Automatic. C. O. Nelson. 2,197,312; Apr. 16.
Broiler. J. Damon. 2,199,303; Apr. 30.
Broiler. I. H. Raber. 2,205,435; June 25.
Broiler. C. Rossini and T. D. Pieragostini. 2,202,537; May 28.
Broiler. A. M. Stoner. 2,211,940; Aug. 20.
Broiler and griddle, Combined. H. J. Moon. 2,188,757; Jan. 30.
Broiler construction. H. M. Reeves. 2,204,381; June 11.
Broiler, Cooking top. J. Teller and A. P. Schulz. 2,207,307; July 9.
Broiler plate and handle therefor. E. A. Rutenber. 2,211,030; Aug. 13.
Bromates, Preparation of. C. H. Martin and E. C. Hardy. 2,191,574; Feb. 27.
Bromo-chlor-alkanes, Making. A. G. Horney. 2,219,260; Oct. 22.
Bronze mixer and conditioner. C. K. Hercher. 2,216,714; Oct. 1.
Bronze powder and producing the same. F. C. Arthur. 2,193,663; Mar. 12.
Brooch assemblage, Clip. M. Handman. 2,198,558; Apr. 23.
Brooch, Clip. W. Goetz. 2,227,184; Dec. 31.
Brooch construction. H. L. Pulver. 2,225,379; Dec. 17.
Brooder. M. O. Adams. 2,219,882; Oct. 29.
Brooder. R. M. Edington. 2,221,045; Nov. 12.
Brooder. J. E. Schlottmann. 2,188,017; Jan. 23.
Brooder. H. S. Smith and J. L. Robertson. 2,200,901; May 14.
Brooder heater, Electric. K. W. Du Bois. 2,203,215; June 4.
Brooder installation. L. O. Selby. 2,224,842; Dec. 10.
Brooder, Pheasant. J. B. Olson, A. Zenk, and W. M. Willett. 2,223,358; Dec. 3.
Broom. J. R. Kinney. 2,202,695; May 28.
Broom holder. H. S. Thrasher. 2,200,435; May 14.
Broom, Lawn. J. W. Lambert. 2,193,070; Mar. 12.
Broom reinforcer. L. A. O'Lena. 2,200,121; May 7.
Broom sewing apparatus. R. E. Groome. 2,186,378; Jan. 9.
Broom-spreading device. M. P. Hendricks. 2,197,695; Apr. 16.
Brush. I. W. P. Buchanan. 2,220,391; Nov. 5.
Brush. F. A. Durand. 2,213,489; Sept. 3.
Brush. M. W. Fletcher. 2,223,783; Dec. 3.
Brush. M. A. Hamilton. 2,198,339; Apr. 23.
Brush. W. Hertzberg. 2,186,832; Jan. 9.
Brush. E. T. Howard. 2,202,292; May 28.
Brush. C. Jobst. 2,224,788; Dec. 10
Brush. C. E. Jones. 2,207,320; July 9.
Brush. E. B. Somers. 2,194,916; Mar. 26.
Brush, Air. E. U. Crumley. 2,187,195; Jan. 16.
Brush and making, Carbon. H. M. Elsey. 2,224,724; Dec. 10.
Brush and manufacture thereof. H. L. Cooke. 2,227,126; Dec. 31.
Brush and pad therefor, Cushion back. N. W. Jensen. 2,197,551; Apr. 16.
Brush and roller, Paperhanger's. S. S. Kozub. 2,193,175; Mar. 12.
Brush and scraper, Tongue. G. D. Runnels. 2,218,072; Oct. 15.
Brush and tube holder, Fountain. E. L. Hollenbeck. 2,198,773; Apr. 30.
Brush, Antisepticized. H. C. White and M. Powell. 2,216,333; Oct. 1.
Brush assemblage, Motor. R. C. Sekyra. 2,194,620; Mar. 26.
Brush assembly for dynamoelectric machines. A. G. Redmond. 2,206,366; July 2.
Brush attachment, Paint. G. Frohnert. 2,199,154; Apr. 30.
Brush, Bathing. J. D. Bates. 2,221,128; Nov. 12.
Brush case. W. A. Brune. 2,190,696; Feb. 20.
Brush, Chain. N. H. Osburn. 2,207,330; July 9.
Brush construction. W. C. Beames. 2,190,181–2; Feb. 13.
Brush construction. G. Zehetner. 2,199,252; Apr. 30.
Brush, Dental. S. Viragh. 2,190,277; Feb. 13.
Brush, Denture. E. F. Arnold. 2,206,542; July 2.
Brush, Electrographitic. E. F. Kiefer. 2,216,493; Oct. 1.
Brush, Fingernail. M. R. Milarch. 2,191,721; Feb. 27.
Brush for dental plates. C. A. Baker. 2,208,013; July 16.
Brush for use with cotton reclaiming saw cylinders. J. E. Mitchell, J. E. Mitchell, Jr., O. Mitchell, and D. Mitchell. 2,194,462; Mar. 26.
Brush, Fountain. P. M. Goldrick and W. C. Otto. 2,215,610; Sept. 24.
Brush, Fountain. T. F. E. Pound. 2,203,361; June 4.
Brush, Fountain. R. N. Robbins. 2,227,235; Dec. 31.
Brush holder. R. Bauerle. 2,224,467; Dec. 10.
Brush holder. G. J. and A. E. Buerosse. 2,205,464; June 25.
Brush holder. T. C. Fockler and A. Martens. 2,186,240; Jan. 9.
Brushholder mounting. C. H. Sutherland 2,209,361; July 30.
Brush holder, Paste. O. D. Edick 2,201,104; May 14.
Brush, Milk bottle. J. C. Stinnett. 2,214,684; Sept. 10.
Brush, Lettering. K. O. G. Wetterstrand. 2,216,259; Oct. 1.
Brush making machine. W. D. Lipps. 2,187,791; Jan. 23.
Brush, mop, and the like. O. Muckenhirn. 2,205,535; June 25.
Brush or squeegee, Foldable. J. D., W. J., and I. H. Lorenz. 2,204,806; June 18.
Brush, Paint. C. Thomas. 2,206,208; July 2.
Brush, Portable rotary. R. A. Dunnam. 2,202,285; May 28.
Brush, Reservoir. G. Ellis. 2,224,644; Dec. 10.
Brush, Rotary. G. R. Churchill. 2,190,206; Feb. 13.
Brush, Rotary. H. V. Shuler. 2,209,853; July 30.
Brush, Sanitary. F. Satz and M. Berns. 2,205,601; June 25.
Brush, Selector switch. C. N. Hickman. 2,188,659; Jan. 30.
Brush, Selector switch. B. F. Lewis. 2,225,646; Dec. 24.
Brush, Self-feeding. J. E. Jones. 2,190,599; Feb. 13.
Brush structure. P. C. Scott. 2,188,544; Jan. 30.
Brush supporting and adjusting means for vacuum cleaners. W. O. Langille. 2,216,709; Oct. 1.
Brush, Ventilated rotary. L. H. Nielsen. 2,191,115; Feb. 20.
Brushes, Manufacturing. J. Krams. 2,194,122; Mar. 19.
Bubble cap. W. H. Rupp, G. L. Mateer, and T. W. Moore. 2,218,993; Oct. 22.
Bubble-forming device. J. K. Lyon, Jr. 2,225,702; Dec. 24.
Bubble tower. H. C. Glitsch. 2,210,808; Aug. 6.
Buck for pressing machines. G. H. and R. A. Rawlinson. 2,195,737; Apr. 2.
Bucket. J. W. Page. Re. 21,664; Dec. 17.
Bucket and method, Gravel dump. L. A. Layne. 2,216,038; Sept. 24.
Bucket attachment, Paint. R. A. Spitz. 2,196,614; Apr. 9.
Bucket, Bait. S. R. Smith. 2,208,861; July 23.
Bucket, Chain dredge. W. H. Taylor. 2,193,785; Mar. 12.
Bucket, Clamshell. W. M. Venable. 2,205,325; June 18.
Bucket, Concrete. F. T. Crowe. 2,202,284; May 28.
Bucket, Dredge. H. M. Bird. 2,195,404; Apr. 2.
Bucket, Elevator. L. W. Koser. 2,185,557; Jan. 2.
Bucket, Elevator. J. L. Kozak. 2,200,507; May 14.
Bucket, Grab. H. S. Atkinson. 2,188,672; Jan. 30.
Bucket, Hydraulic excavating. W. J. Hoenecke. 2,212,236; Aug. 20.
Bucket, Hydraulic pump. M. R. Lorrin. 2,217,283; Oct. 8.
Bucket, Minnow. G. Lake. 2,216,202; Oct. 1.
Bucket operating mechanism. J. B. Botten. 2,204,883; June 18.
Bucket operation, Dredge. H. M. Bird. 2,191,448; Feb. 27.
Bucket, Spinning. T. L. Gatke. 2,199,197; Apr. 30.
Bucket steam trap, Inverted. T. W. Clark. 2,211,880; Aug. 20.
Buckets, Making elastic fluid turbine. W. C. Heckman. 2,221,679; Nov. 12.
Buckets, Making elastic fluid turbine. A. M. Reynolds. 2,221,722; Nov. 12.
Buckle. C. E. Anderson. 2,189,574; Feb. 6.

Buckle. M. and O. Chadirjian. 2,186,574; Jan. 9.
Buckle. R. E. Dowd. 2,191,228; Feb. 20.
Buckle. F. Hirsh. 2,212,862; Aug. 27.
Buckle. A. Johnson. 2,191,210; Feb. 20.
Buckle. A. H. Kerngood. 2,197,665; Apr. 16.
Buckle. W. S. Painter. 2,194,953; Mar. 26.
Buckle. J. R. Reyburn. 2,189,118; Feb. 6.
Buckle. R. R. Roberts. 2,226,262; Dec. 24.
Buckle. J. Shaulson. 2,224,773; Dec. 10.
Buckle. P. W. White. 2,211,187; Aug. 13.
Buckle. P. W. White. 2,219,537; Oct. 29.
Buckle and zonal wound compression plate, Combined. W. W. Robinson. 2,185,571; Jan. 2.
Buckle, Belt. H. Buchsbaum. 2,197,656; Apr. 16.
Buckle, Belt. H. J. Buchsbaum. 2,216,903; Oct. 8.
Buckle, Belt. A. J. Eternod. 2,209,648; July 30.
Buckle, Belt. F. J. O'Brien. 2,203,270; June 4.
Buckle, Belt. D. M. Wirth. 2,193,611; Mar. 12.
Buckle, Clamp. L. A. Barett. 2,197,535; Apr. 16.
Buckle construction. M. Zola. 2,219,674; Oct. 29.
Buckle, Covered slide. D. I. Reiter. 2,219,938; Oct. 29.
Buckle fastener. F. M. Ronci. 2,215,194–5; Sept. 17.
Buckle for footwear. A. I. Levine. 2,215,221; Sept. 17.
Buckle or clasp for watch bracelets and the like. C. H. Kestenman. 2,193,596; Mar. 12.
Buckle or clasp for watch bracelets and the like. C. H. Kestenman. 2,215,527; Sept. 24.
Buckle or similar article. V. De Liso. 2,219,514; Oct. 29.
Buckle, Reversible. H. Buchsbaum. 2,186,819; Jan. 9.
Buckle, Strap. O. L. Fields. 2,192,640; Mar. 5.
Buckle, Watch bracelet. P. J. Noack. 2,194,767; Mar. 26.
Buffer and coupling device. Cushioned. E. R. Schroeder. 2,190,737; Feb. 20.
Buffer and drawhead, Fraction. V. Willoughby. 2,208,238; July 16.
Buffer for tires, Inner. R. B. Shore. 2,224,066; Dec. 3.
Buffer, Mine car. H. E. Abkowitz. 2,213,455; Sept. 3.
Buffer, Portable hand. G. W. Yerkey. 2,188,126; Jan. 23.
Buffer, Shoe. E. L. Hollenbeck. 2,192,910; Mar. 12.
Buffer, Spring. H. E. Abkowitz. 2,221,902; Nov. 19.
Buffer, Tire. E. A. Glynn. 2,189,203; Feb. 6.
Buffing and polishing composition. S. S. Kistler. 2,222,969; Nov. 26.
Buffing and polishing machine. C. O. Johnson. 2,188,223; Jan. 23.
Buffing compound. E. E. Seeley. 2,200,726; May 14.
Buffing device. E. G. Peterson. 2,189,472; Feb. 6.
Buffing head. E. G. Peterson. 2,223,638; Dec. 3.
Buffing machine. N. H. Knowlton. 2,218,537; Oct. 22.
Buffing machine. H. Weber and J. R. De Hamer. 2,203,003; June 4.
Buffing or polishing wheel. L. W. MacFarland and S. Krugloff. 2,226,624–5; Dec. 31.
Buffing tool. E. W. Hall. 2,198,283; Apr. 23.
Buffing wheel. H. E. Hargy, Sr. 2,215,522; Sept. 24.
Buffing wheel. C. J. and A. H. Peterson. 2,209,089; July 23.
Buffing wheel. C. J. and A. H. Peterson. 2,226,256; Dec. 24.
Buffing wheel. C. A. Sayers. 2,188,375; Jan. 30.
Buffing wheel and making it. H. E. Hargy, Sr. 2,197,661; Apr. 16.
Builders' material conveyance. H. E. Moore and W. E. Roberts. 2,222,086; Nov. 19.
Building. C. T. Ludington. 2,206,040; July 2.
Building. W. S. Rugg and H. D. James. 2,205,109; June 18.
Building, Air conditioned. E. C. Gledhill. 2,219,837; Oct. 29.
Building and building construction. R. C. Lafferty. 2,222,037; Nov. 19.
Building block. C. S. Gerlach 2,206,350; July 2.
Building block. J. G. Lee. 2,202,956; June 4.
Building block. B. Liebowitz. 2,191,217; Feb. 20.
Building block. S. H. Markle. 2,194,047; Mar. 19.
Building block. W. L. Maxson. 2,202,592; May 28.
Building block. L. W. Mulford. 2,221,649; Nov. 12.
Building block. J. Oslund. 2,196,937; Apr. 9.
Building block. K. Snipischki. 2,211,177; Aug. 13.
Building block. A. H. Stamm and H. S. Barton. 2,186,712; Jan. 9.
Building block. C. F. Tefft. 2,198,399; Apr. 23.
Building block. S. W. Williamson. 2,198,688; Apr. 30.
Building block and house number, Combination translucent. P. M. Burroway. 2,205,515; June 25.
Building block, Concrete. H. D. Gustine. 2,202,764; May 28.
Building block construction. I. R. Cline. 2,216,875; Oct. 8.
Building block, Interlocking. P. W. Groth. 2,192,970; Mar. 12.
Building blocks, Making. D. Martin. 2,201,298; May 21.
Building construction. H. Coleman. 2,199,694; May 7.
Building construction. D. D. Crandell. 2,208,094; July 16.
Building construction. A. J. and W. S. Edge. 2,199,152; Apr. 30.
Building construction. M. N. Egoroff. 2,218,694; Oct. 22.
Building construction. H. E. Eiber and L. M. Druckenbrod. 2,205,519; June 25.
Building construction. H. A. Faber. 2,218,705; Oct. 22.
Building construction. F. Gunnison. 2,218,465; Oct. 15.
Building construction. G. E. Kershaw. 2,226,061; Dec. 24.
Building construction. E. H. Lunken. 2,226,248; Dec. 24.
Building construction. R. T. McGee. 2,216,319; Oct. 1.
Building construction. J. L. McKeown. 2,214,886; Sept. 17.
Building construction. A. C. Morgan. 2,205,730; June 25.
Building construction. J. C. Morrell. 2,206,233; July 2.
Building construction. R. B. Muse. 2,202,745; May 28.
Building construction. L. M. Parkhurst. 2,223,016; Nov. 26.
Building construction. R. V. Parsons and A. L. Wilcox. 2,204,319; June 11.
Building construction. J. A. Peabody. 2,208,814; July 23.
Building construction. W. A. Plumb. 2,220,349; Nov. 5.
Building construction. W. S. Rugg and H. D. James. 2,186,840; Jan. 9.
Building construction. G. Slayter and H. W. Collins. 2,186,538; Jan. 9.
Building construction. C. J. Sullivan. 2,191,123; Feb. 20.
Building construction. S. F. Tapman. 2,192,719–20; Mar. 5.
Building construction. R. C. Vokes. 2,212,906; Aug. 27.
Building construction. H. L. Waugh. 2,192,567; Mar. 5.
Building construction. J. M. Workman. 2,215,773; Sept. 24.
Building construction, Metal. W. von Hoefen. 2,186,310; Jan. 9.
Building construction, Metallic. W. S. Cole. 2,216,702; Oct. 1.
Building construction, Portable and sectional. H. G. Whitmore. 2,208,010; July 16.
Building construction, Prefabricated. W. W. Tiller. 2,195,660; Apr. 2.
Building construction unit. A. F. O'Malley. 2,191,804; Feb. 27.
Building corner. H. A. Mulderink and M. Drinkall. 2,219,723; Oct. 29.
Building corner, Reinforced. S. F. Manning. 2,223,305; Nov. 26.
Building, Farm. A. E. Waterman and F. J. Kreutzer. 2,185,532; Jan. 2.
Building frame structure. H. W. Buelow. 2,204,566; June 18.
Building heating and cooling system. L. M. Persons. 2,206,119; July 2.
Building material. E. H. Angier. 2,192,810; Mar. 5.
Building material and method. J. C. P. Leemhuis. 2,208,589; July 23.
Building material and the like. N. P. Harshberger. 2,201,175; May 21.
Building material, Curing and packaging. N. P. Harshberger. 2,185,195; Jan. 2.
Building member. G. E. Swenson. 2,189,820; Feb. 13.
Building, Prefabricated. T. H. Coe, Jr. 2,193,550; Mar. 12.
Building, Prefabricated. J. C. Estes. 2,186,460; Jan. 9.
Building, Prefabricated. A. T. Levy. 2,186,459; Jan. 9.
Building, Prefabricated. H. T. Patterson. 2,186,462; Jan. 9.
Building, Prefabricated. M. Thompson. 2,186,461; Jan. 9.
Building structure. A. H. Bacci. 2,226,332; Dec. 24.
Building structure. C. S. Brown. 2,214,657; Sept. 10.
Building structure. G. Gerber. 2,208,671; July 23.
Building structure. S. Gessler. 2,192,814; Mar. 5.
Building structure. E. S. Guignon, Jr. 2,202,850; June 4.
Building structure. T. E. King. 2,222,908; Nov. 26.
Building structure. A. C. Olsen. 2,187,752; Jan. 23.
Building structure, Fireproof. J. H. Young and P. W. Jenkins. 2,213,603; Sept. 3.
Building structure, wall clip. O. E. Gibson and W. Keen. 2,227,079; Dec. 31.
Building structure with self-contained raising and lowering mechanism. A. D'Amico. 2,189,486; Feb. 6.
Building system. H. T. Fisher. 2,187,148; Jan. 16.
Building system and unit. A. O. Peterson. 2,193,566; Mar. 12.
Building unit. V. A. Barnhart. 2,199,946; May 7.
Building unit. R. L. Kaye. 2,224,351; Dec. 10.
Building unit. A. W. Powell. 2,212,184; Aug. 20.
Building unit. D. B. Ronzone. 2,209,283; July 23.
Building unit. W. H. Spaulding. 2,211,521; Aug. 13.
Building unit and building. W. S. Rugg and H. D. James. 2,217,184; Oct. 8.
Building unit and construction. H. C. Mortenson. 2,195,655; Apr. 2.
Building unit, Hollow. E. J. Winship. 2,194,731; Mar. 26.
Built-up container. E. L. Whittier. 2,221,426; Nov. 12.
Bulb and socket construction, Miniature. M. Klein and W. E. Pfeffer. 2,190,875; Feb. 20.
Bulb and socket construction, Miniature. M. Klein and W. E. Pfeffer. 2,210,764; Aug. 6.
Bulb for automatic sprinklers and the like, Frangible. A. Roberts. 2,187,098; Jan. 16.
Bulb remover and installer, Electric. N. Y. Sosnik and E. C. Griffin. 2,191,593; Feb. 27.

Bulb supporting and sealing device. R. N. Falge and H. C. Mead. 2,219,770; Oct. 29.
Bulb thermostat control, Wet. S. M. Anderson. 2,219,861; Oct. 29.
Bulb thermostatic control, Wet. R. T. Palmer. 2,217,597; Oct. 8.
Bulbs, Removing heat indicator. B. P. Strong. 2,208,520; July 16.
Bulk material and apparatus therefor, Preparing. W. Vogel. 2,209,618; July 30.
Bulk material handling. L. B. Jones. 2,215,736; Sept. 24.
Bulldozer. G. S. Allin. Re. 21,447; May 7.
Bulldozer and ripper, Combined. L. O. White. 2,219,160; Oct. 22.
Bulldozer blade and frame. H. L. Nichols, Jr. 2,216,572; Oct. 1.
Bulldozer blade tilting device. G. H. Felt, Jr. 2,224,725; Dec. 10.
Bulldozer, Cable lift. T. P. Flynn and R. E. Neils. 2,200,447; May 14.
Bulldozer mounting. E. J. Brunner. 2,203,941; June 11.
Bulletin board. G. E. Fox. 2,195,985; Apr. 2.
Bullnose forming tool. C. R. Neal. 2,222,877; Nov. 26.
Bumper. V. M. Exner. 2,193,229; Mar. 12.
Bumper. F. H. Jones. 2,208,076; July 16.
Bumper. G. Snyder. 2,218,627; Oct. 22.
Bumper accessory, Ornamental. G. A. Lyon. 2,185,468; Jan. 2.
Bumper and bumper guard structure, Combined. H. S. Jandus. 2,211,821; Aug. 20.
Bumper and coupling, Mine car spring. H. H. Pancake. 2,190,730; Feb. 20.
Bumper and drawhead, Spring. E. R. Schroeder. 2,201,796; May 21.
Bumper and guard assembly. H. S. Jandus. 2,215,001; Sept. 17.
Bumper, Automobile. D. J. Cavanaugh. 2,191,368; Feb. 20.
Bumper, Car. E. R. Schroeder. 2,207,444; July 9.
Bumper, Car. R. A. Shields. 2,201,800; May 21.
Bumper construction, Automobile. M. D. Walklet. 2,214,514; Sept. 10.
Bumper construction for picker stick checks. W. F. Clayton. 2,220,512; Nov. 5.
Bumper, Cushioned. J. Gibbons. 2,202,050; May 28.
Bumper device for automotive vehicles. W. L. Morrison. 2,196,225; Apr. 9.
Bumper especially applicable to railway vehicles. J. Mercier. 2,187,625; Jan. 16.
Bumper extension. L. A. Koch, Jr. 2,214,532; Sept. 10.
Bumper for automobile bodies, Side. W. D. Brunken. 2,212,493; Aug. 27.
Bumper for carpet sweepers. F. W. Pullen. 2,197,986; Apr. 23.
Bumper for ironer table and base. D. L. Mooar. 2,196,933; Apr. 9.
Bumper for motor vehicles. M. A. Frank. 2,194,459; Mar. 26.
Bumper for motor vehicles, Auxiliary. W. A. Taylor. 2,205,444; June 25.
Bumper for vehicles. R. H. Imhofe. 2,188,082; Jan. 23.
Bumper for vehicles. A. J. Spitz. 2,197,532; Apr. 16.
Bumper guard structure. H. S. Jandus and H. Buchanan. 2,215,002; Sept. 17.
Bumper jack, Friction operated. C. S. Johnston. 2,196,263; Apr. 9.
Bumper, Mine car. R. C. Kepner. 2,226,724; Dec. 31.
Bumper mounting, Automobile. H. E. Blair. 2,188,142; Jan. 23.
Bumper obstacle for ball rolling games. D. E. Hooker. 2,218,968; Oct. 22.
Bumper, Self-releasing vehicle. A. C. de Hoffmann. 2,205,592; June 25.
Bumper, silencer, and dust seal, Automobile door. D. P. Killen. 2,226,615; Dec. 31.
Bumper structure. H. S. Jandus. 2,211,820; Aug. 20.
Bumper structure. H. S. Jandus. 2,213,044; Aug. 27.
Bumper structure. H. S. Jandus. 2,215,509; Sept. 24.
Bumper, Vehicle. E. Cookenboo. 2,222,404; Nov. 19.
Bumper, Vehicle. C. L. Halladay. 2,186,137; Jan. 9.
Bumper, Vehicle. J. R. Reyburn. 2,213,592; Sept. 3.
Bumper, Vehicle. J. A. Schuetz. 2,219,943; Oct. 29.
Bumper with license plate, Front. E. E. Wyatt. 2,194,042; Mar. 19.
Bun toasting machine. S. G. Marriott. 2,225,068; Dec. 17.
Bunch builder, Automatic. G. Bickford. 2,204,786; June 18.
Bundle binding and tying machine. G. D. Parker. 2,191,082; Feb. 20.
Bundle or box tying machine. G. A. Dunn and J. Eldridge. 2,206,299; July 2.
Bundle tying machine. J. J. M. L. Marchand. 2,198,440; Apr. 23.
Bundling machine. J. R. Rosenleaf. 2,208,856; July 23.
Bung bush. D. Holzkämper. 2,216,667; Oct. 1.
Bung fixture in a wall of a sheet metal container, Constructing a threaded. L. B. Wackman. 2,207,564; July 9.
Bungs, Making. C. E. Shepard. 2,200,583; May 14.
Bungalow. F. F. Townsend. 2,190,002; Feb. 13.
Bunion corrector. J. C. Day and W. F. Marshall. 2,190,016; Feb. 13.
Bunk, Log. J. Boyer. 2,210,614; Aug. 6.
Bunsen burner. R. M. Sayers. 2,214,284; Sept. 10.
Buoy, Lifting. A. Barna. 2,213,375; Sept. 3.
Buoyancy device. A. T. Ardern. 2,223,880; Dec. 3.
Burglarproof door lock. E. I. Brown. 2,200,834; May 14.
Burglarproof lock. H. G. Voight. 2,194,959; Mar. 26.
Burglar trap. M. E. Bennett. 2,194,415; Mar. 19.
Burial case. R. B. Purkiss. 2,214,889; Sept. 17.
Burial vault mold. W. E. Whited. 2,201,359; May 21.
Burner: *See*—

Blue flame burner.	Liquid fuel burner.
Bunsen burner.	Oil and gas burner
Exhaust gas burner.	Oil-air burner.
Fluid fuel burner.	Oil burner.
Fuel burner.	Refuse burner.
Gas and oil burner.	Ribbon burner.
Gas burner.	Soot burner.
Gas fired burner.	Starting burner.
Hydrocarbon burner.	Vapor burner.
Immersion burner.	Weed burner.

Burner. C. Lorenzen. 2,197,647; Apr. 16.
Burner. H. McClammy, Jr. 2,214,027; Sept. 10.
Burner. M. Roads. 2,219,532; Oct. 29.
Burner. S. White. 2,187,003; Jan. 16.
Burner and combustion chamber therefor, Duplex. B. Hayter and M. D. Huston. 2,227,086; Dec. 31.
Burner and control mechanism therefor. F. R. Whitcomb. 2,194,133; Mar. 19.
Burner and control therefor, Fuel. R. Allenbaugh. 2,208,956; July 23.
Burner apparatus. H. D. Dufault. 2,201,678; May 21.
Burner apparatus for manufacturing carbon and lamp black. W. A. Knapp. 2,194,980; Mar. 26.
Burner apparatus, Liquid fuel. E. I. Kraber. 2,205,983; June 25.
Burner assembly, Lamp. H. W. Strong. 2,222,092; Nov. 19.
Burner construction, Wick type oil. C. M. Breed. 2,186,541; Jan. 9.
Burner control apparatus. A. F. Schumann. 2,219,118; Oct. 22.
Burner control apparatus and protection system. B. E. Shaw. 2,225,237; Dec. 17.
Burner control apparatus, Oil. E. C. Raney. 2,185,752; Jan. 2.
Burner control device, Fuel oil. H. W. Hill. 2,200,671; May 14.
Burner control mechanism. H. E. Henriksen. 2,192,346; Mar. 5.
Burner control, Oil. W. H. Hutchins and H. C. Rohr. 2,187,269; Jan. 16.
Burner control, Oil. C. T. Wallis and R. E. Fowler. 2,201,328–9; May 21.
Burner control-program type, Oil. C. T. Wallis and R. E. Fowler. 2,212,255; Aug. 20.
Burner control system. V. O. Beam. 2,192,632; Mar. 5.
Burner control system. G. F. Laing. 2,193,516; Mar. 12.
Burner control system. L. L. Cunningham. 2,198,556; Apr. 23.
Burner control system. M. J. Maynard. 2,196,442–3; Apr. 9.
Burner control system. W. L. McGrath. 2,216,556; Oct. 1.
Burner control system, Fluid fuel. F. E. Matthes. 2,197,746; Apr. 16.
Burner control system, Fluid fuel. H. T. Sparrow. 2,223,796; Dec. 3.
Burner control system, Fuel. D. Beggs. 2,200,908; May 14.
Burner control system, Fuel. G. D. Bower. 2,188,565; Jan. 30.
Burner control system, Fuel. D. J. Peterson. 2,192,858; Mar. 5.
Burner control system, Oil. A. E. Baak. 2,217,886; Oct. 15.
Burner controller, Motorized. B. Cyr. 2,203,613; June 4.
Burner device, Fluid fuel. O. W. Hahn. 2,190,099; Feb. 13.
Burner elements, Manufacture of. V. W. Kliesrath. 2,201,777; May 21.
Burner for hydrocarbon gases. F. S. Kochendorfer and F. E. Wood. 2,220,247; Nov. 5.
Burner for industrial use, Gas. H. P. Parrigin. 2,221,995; Nov. 19.
Burner for liquid fuel. J. L. Breese. 2,186,004; Jan. 9.
Burner for liquid fuel. J. L. Breese. 2,194,135–6; Mar. 19.
Burner for liquid fuel. C. A. Haas. 2,211,059; Aug. 13.
Burner for liquid fuels. F. X. Mantsion. 2,207,547; July 9.
Burner for liquid fuels, Atomizer. T. Zwilling. 2,204,170; June 11.
Burner head. P. M. Forster. 2,215,176; Sept. 17.
Burner igniting means, Gas. J. E. Browning. 2,201,077; May 14.
Burner mount for oil burning locomotives. L. K. Botteron. 2,189,877; Feb. 13.
Burner throat, Refractory. A. W. Anderson. 2,192,682; Mar. 5.
Burner unit, Gas. C. O. Nordensson. 2,222,822; Nov. 26.

Burner unit, Liquid fuel. E. S. Cornell, Jr. 2,220,066; Nov. 5.
Burner unit, Oil. E. L. Wood. 2,226,212; Dec. 24.
Burners, Method and apparatus for starting ammonia. N. A. Laury and A. P. Beardsley. 2,192,816; Mar. 5.
Burnishing apparatus. D. A. Wallace. 2,222,270; Nov. 19.
Burnishing machine. R. H. Giesey and G. E. Behnke. 2,188,629; Jan. 30.
Burrs, Method and apparatus for removing. C. G. Jones and H. G. Titus. 2,202,914; June 4.
Burrs, Method of and apparatus for removing from metallic fasteners. W. E. Swift and G. A. Anderson. 2,224,993; Dec. 17.
Burs from wool and other textile fibers, Means and apparatus for the extraction of. R. D. Harrison, W. H. Dean, and F. Carter. 2,189,519; Feb. 6.
Bus, Articulated. V. F. Antoine. 2,193,155; Mar. 12.
Bus bar clamp. W. C. Anderson. 2,218,016; Oct. 15.
Bus bar distribution system. F. Harvey. 2,192,587; Mar. 5.
Bus body. E. M. Hicks. 2,199,101; Apr. 30.
Bus construction, Electrical. A. M. de Bellis. 2,223,300; Nov. 26.
Bus duct. F. B. Adam. 2,216,870; Oct. 8.
Bushing. E. E. Arnold. 2,189,621; Feb. 6.
Bushing. J. G. Ford. 2,189,632; Feb. 6.
Bushing. A. W. Franklin. 2,225,472; Dec. 17.
Bushing assembly press. F. T. Harrington and H. C. Nye. 2,216,973; Oct. 8.
Bushing for use in rotary tables. L. F. Baash. 2,204,646; June 18.
Bushing, High tension. R. M. Emblidge. 2,187,116; Jan. 16.
Bushing inserter. A. H. B. Jeffords and H. P. Camp. 2,208,584; July 23.
Bushing, Insulating. W. K. Danvers. 2,195,003; Mar. 26.
Bushing, Insulating. H. A. Jaberg. 2,209,274; July 23.
Bushing insulator. H. L. Rorden. 2,188,417; Jan. 30.
Bushing insulator. H. L. Rorden. 2,209,003; July 23.
Bushing, Kelly bar. C. H. Collett and M. M. Ayres. 2,211,881; Aug. 20.
Bushing, Removable. L. F. Hobert. 2,188,596; Jan. 30.
Bushing, Rotary table. W. A. Abegg. 2,204,112; June 11.
Bushing, Rotary table. L. F. Baash. 2,204,647; June 18.
Bushing, Steering column. J. D. Chamberlin. 2,193,549; Mar. 12.
Bushing, Steering column. J. D. Chamberlin. 2,201,477; May 21.
Business dictating system. C. L. Whitehead, R. M. Chenoweth, E. M. Irwin, R. H. Duval, W. P. Huntley, B. H. Rule, and G. E. Lewis. 2,200,351; May 14.
Business forms and making the same, Pack of. L. W. Goodell. 2,226,765; Dec. 31.
Butadiene, Manufacture of. R. Hill and E. Isaacs. 2,224,912; Dec. 17.
Butadiene, Preparation of. C. R. Russell. 2,207,760; July 16.
Butadiene, Production of. P. J. Wiezevich and R. Rosen. 2,209,215; July 23.
Butadienes, Polymerization of. R. Seidler and W. Pannwitz. 2,211,032; Aug. 13.
Butadienes, Polymerizing. G. Ebert, R. Heidebroek, and P. Orth. 2,209,746; July 30.
Butane-polycarboxylic acids, Production of. H. Hopff and W. Rapp. 2,203,628; June 4.
Butane tank. J. R. Holicer. 2,188,597; Jan. 30.
Butane with chlorine, Treatment of. C. C. Kennedy and C. R. Russell. 2,224,155; Dec. 10.
Butene, Isomerization of normal. C. L. Thomas and H. S. Block. 2,216,285; Oct. 1.
Butt element, Thick. C. R. Eckert. 2,212,341; Aug. 20.
Butt welding machine. E. B. Hudson. 2,204,858; June 18.
Butt-welding, Mechanism for. E. F. Nelson. 2,217,964; Oct. 15.
Butter as antioxidant, Cacao. S. Musher. 2,198,222; Apr. 23.
Butter-chip maker. M. J. Weinberg. 2,193,014; Mar. 12.
Butter chips, Process and apparatus for forming. M. J. Weinberg. 2,193,013; Mar. 12.
Butter, Churning and working. C. L. Mitchel and E. L. Wetmore. 2,200,513; May 14.
Butter color mixer. L. R. Thomas and F. E. Stewart. 2,207,335; July 9.
Butter cutting machine. W. Hilgers. 2,211,655; Aug. 13.
Butter manufacture. S. Musher. 2,198,216; Apr. 23.
Butter mold. R. B. Ausman. 2,222,135; Nov. 19.
Butter, Nut. A. Musher. 2,217,701; Oct. 15.
Butter serving appliance. R. J. Miller. 2,216,980; Oct. 8.
Butter, Stabilized nut. S. Musher. 2,198,220; Apr. 23.
Butter, Treatment of cacao. W. Clayton, S. Back, J. F. Morse, and R. I. Johnson. 2,200,858; May 14.
Buttermilk, Production of artificially cultured. H. S. Fielder and L. O. Ott. 2,209,516; July 30.
Buttermilk, Recovery of solids from. C. G. Harford. 2,209,694; July 30.
Button. R. Metzger. 2,207,698; July 16.
Button. J. L. Pereles. 2,214,030; Sept. 10.
Button. H. L. N. Thor. 2,193,605; Mar. 12.
Button assembly, Horn. A. W. Phelps and E. J. Weinberg. 2,221,409; Nov. 12.
Button attaching means. H. A. Smitt. 2,219,966; Oct. 26.
Button blank chucking mechanism. E. C. and J. R. Carris. 2,187,266; Jan. 16.
Button blank feeding apparatus. W. E. Knott. 2,222,179; Nov. 19.
Button fastener. A. Illsche. 2,203,017; June 4.
Button, Horn. C. A. Chayne and E. F. Reynolds. 2,193,223; Mar. 12.
Button, Identification. A. J. Jones. 2,204,313; June 11.
Button mechanism, Automatic. F. Stott. 2,207,077; July 9.
Button operating device, Horn. M. H. Hollingsworth. 2,203,281; June 4.
Button or analogous fastening device. W. C. Monahan. 2,213,715; Sept. 3.
Button, Swivel. F. G. Purinton. 2,188,443; Jan. 30.
Buttons, Forming domed. P. E. Fenton and E. D. Janes. 2,211,322; Aug. 13.
Buttonholes and other stitchings in articles of clothing, Spacing and forming. G. Jessop. 2,194,794; Mar. 26.
Butyl-acetone fermentation process and inoculant. J. Müller. 2,195,629; Apr. 2.
Butylene-1 and isobutylene from mixtures containing same, Separation of. E. C. Britton, H. S. Nutting, and L. H. Horsley. 2,207,608; July 9.
By-pass for luminous tube system. R. E. Hogan. 2,216,974; Oct. 8.
C clamp. H. A. Rhinevault. 2,190,585; Feb. 13.
C-clamp. C. J. Schroeder. 2,205,674; June 25.
C-cyclohexyl-diphenylamines and making them. F. B. Smith and H. W. Moll. 2,194,079; Mar. 19.
Cabbage miller trap. L. Brandt. 2,190,251; Feb. 13.
Cabin arrangement, Airplane. G. A. Page, Jr. 2,208,683; July 23.
Cabinet: *See*—

- Bioscope cabinet.
- Collapsible cabinet.
- Convector or radiator cabinet.
- Dispensing cabinet.
- Display cabinet.
- Door mat cabinet.
- Filing cabinet.
- Fire hose cabinet.
- Food cabinet.
- Globe cabinet.
- Heating and cooling cabinet.
- Household cabinet.
- Ice cream cabinet.
- Index cabinet.
- Ingredient cabinet.
- Insulated cabinet.
- Ironer cabinet.
- Kitchen cabinet.
- Milk testing cabinet.
- Panel cabinet.
- Paper dispensing cabinet.
- Phonograph record cabinet.
- Photographers. work cabinet.
- Recipe and menu cabinet.
- Reference cabinet.
- Refrigerated cabinet.
- Refrigerated display cabinet.
- Refrigerator cabinet.
- Sectional cabinet.
- Sewing cabinet.
- Sterilizing cabinet.
- Thermobath cabinet.
- Toilet paper roll cabinet.
- Toothbrush holder cabinet.
- Towel cabinet.
- Typewriter cabinet.
- Wall cabinet.
- Wardrobe cabinet.

Cabinet. H. S. Carlson. 2,212,858; Aug. 27.
Cabinet. M. F. Goodheart. 2,106,225; July 2.
Cabinet. L. L. Middleton. 2,185,513; Jan. 2.
Cabinet. S. F. Pratt and H. H. Yawman. 2,226,670; Dec. 31.
Cabinet. R. Pryne. 2,199,731; May 7.
Cabinet. W. Le R. Wyckoff. 2,214,291; Sept. 10.
Cabinet and dispensing mechanism therefor, Towel. F. G. Steiner. 2,202,930; June 4.
Cabinet and mechanism therefor, Towel. A. C. Grunwald. 2,193,589; Mar. 12.
Cabinet and mechanism therefor, Towel. A. C. Grunwald. 2,206,951; July 9.
Cabinet bath attachment for bathtubs. A. Morrison. 2,194,668; Mar. 26.
Cabinet construction. G. F. Forsthoefel. 2,205,780; June 25.
Cabinet construction. F. J. Osuch. 2,191,116; Feb. 20.
Cabinet construction. D. Roberts. 2,194,722; Mar. 26.
Cabinet construction, Refrigerator. G. F. Forsthoefel. 2,205,778–9; June 25.
Cabinet construction, Roller towel. D. G. Cullen. 2,199,742; May 7.
Cabinet for calculating machines and the like. E. R. Watkins. 2,223,196; Nov. 26.
Cabinet for drawings, plans, and the like, Filing. K. Möbus. 2,205,903; June 25.
Cabinet for filing microscopic slides. J. C. and I. J. Ehrlich. 2,202,047; May 28.
Cabinet for paper towels, Dispensing. C. E. Kirch. 2,189,493; Feb. 6.
Cabinet for rolled paper strips, Dispensing. F. P. Vaughan, A. G. Krueger, and N. J. Slye. 2,219,570; Oct. 29.
Cabinet for the storage of film. J. G. Bradley. 2,190,229; Feb. 13.
Cabinet or the like, Radio. W. J. B. Stokes, 2nd. 2,198,465; Apr. 23.
Cabinet, Paper. T. R. Daykin. Re. 21,678; Dec. 24.
Cabinet structure. F. M. Small. 2,205,826; June 25.
Cabinet, Wall. B. E. Ebert. 2,210,204; Aug. 6.

Cable: *See*—
Air-space insulated electric cable.
Composite electric cable.
Conductor cable.
Electric cable.
Electric power cable.
Electrical cable.
Fire-detecting cable.
Fluid filled cable.
High frequency cable.
High pressure gas filled cable.
High-tension electrical-transmission cable.
Insulated cable.
Low loss cable.
Power transmission cable.
Self-carrying cable.
Signaling cable.

Cable. F. Unterbusch. 2,223,140; Nov. 26.
Cable actuated upward acting door. H. J. Siess and J. E. Casse. 2,201,636; May 21.
Cable anchoring device. W. O. Schultz. 2,203,066; June 4.
Cable and making the same, High tension electric. H. H. Race. 2,195,998; Apr. 2.
Cable and rope winding device. G. F. Le Bus. 2,204,938; June 18.
Cable and switch, Alarm. C. M. Slack and G. G. Cromartie. 2,204,237; June 11.
Cable and welding machines, Electrical. E. A. Robertson. 2,222,574; Nov. 19.
Cable carrier system, Ocean. H. H. Haglund. 2,193,902; Mar. 19.
Cable clamp. W. I. Branin. 2,220,203; Nov. 5.
Cable clamp. A. W. Buckner. 2,185,723; Jan. 2.
Cable clamp. W. E. Feltenberger. 2,194,647; Mar. 26.
Cable clamp, Dead end. W. G. Milne. 2,196,320; Apr. 9.
Cable clamp, Dead end. R. L. Smythe. 2,198,093; Apr. 23.
Cable connector. L. W. Richardson. 2,222,723; Nov. 26.
Cable construction, Flat. V. A. Hoover. 2,200,776; May 14.
Cable control, Motor driven. E. J. Vallen. 2,215,021; Sept. 17.
Cable cutter, Bx. J. G. Whittaker. 2,207,044; July 9.
Cable fitting and method of applying same, Spherical. O. J. Bratz. 2,209,673; July 30.
Cable for high-tension electrical transmission, Composite flexible. H. C. Daniels. 2,225,333; Dec. 17.
Cable guide, Wire. W. G. L. Smith. 2,211,299; Aug. 13.
Cable hanger. O. K. Coleman. 2,204,121; June 11.
Cable head, Releasable. C. H. Barnes. 2,187,007; Jan. 16.
Cable layer. I. T. Kempe. 2,203,435; June 4.
Cable layer and recovery apparatus. I. T. Kempe. 2,223,110; Nov. 26.
Cable lock. A. Hauer. 2,190,661; Feb. 20.
Cable lock. R. R. Richolt. 2,225,845; Dec. 24.
Cable-making apparatus. G. E. Henning, F. V. Johnson, and S. Thronsen. 2,213,703; Sept. 3.
Cable, Means for splicing. P. E. Littlehale. 2,213,224; Sept. 3.
Cable or like connection between aircraft in flight, Establishing a. A. J. Cobham, P. R. Allison, and E. J. Tripp. 2,193,312; Mar. 12.
Cable outlet. G. V. Jefferson. 2,225,117; Dec. 17.
Cable outlet head, Parkway. O. S. Flath. 2,196,698; Apr. 9.
Cable puller. J. H. Abramson and E. C. Swanson. 2,221,903; Nov. 19.
Cable sheaths, System for detecting and locating defects in. A. Z. Mample and D. P. Dickie. 2,219,262; Oct. 22.
Cable support. C. H. Klein. 2,210,722; Aug. 6.
Cable, Supporting aerial. A. L. Fox. 2,209,518; July 30.
Cable system, Alternating current high tension. J. Bethenod. 2,226,154; Dec. 24.
Cable system, Electric. C. E. Bennett. 2,186,444–5; Jan. 9.
Cable system, High tension. H. M. Hobart. 2,197,639; Apr. 16.
Cable tool. J. H. Burt. 2,205,238; June 18.
Cable tool drill. C. E. Wilcox. 2,209,619; July 30.
Cable vibration, Damping. F. L. Goss. 2,219,893; Oct. 29.
Cables, Making electric. A. Arutunoff. 2,218,979; Oct. 22.
Cables, Manufacture of electric. J. C. Swallow and M. W. Perrin. 2,204,737; June 18.
Cables, Method of and apparatus for forming. W. B. Shear. 2,212,132; Aug. 20.
Cables, Producing multiconductor signaling. O. S. Markuson. 2,188,755; Jan. 30.
Cables, Supporting aerial. D. A. Quarles. 2,209,662; July 30.
Cables, Suspending aerial. J. A. Carr. 2,222,652; Nov. 26.
Cables, Terminating electric. T. R. Scott and J. K. Webb. 2,209,894; July 30.
Cables to supporting strands, Lashing. C. E. Creswell. 2,213,363; Sept. 3.
Cactus eradicator. J. W. Dennis. 2,214,498; Sept. 10.
Cadmium colors, Production of. J. J. O'Brien. 2,220,116; Nov. 5.
Cage, Animal. H. F. Morris. 2,189,449; Feb. 6.
Cage, Bird. H. G. Hoefler. 2,190,119; Feb. 13.
Cage for oil derricks, Safety. N. Miles. 2,208,194; July 16.
Cage for roller bearings. J. F. Cornell. 2,205,372; June 18.
Cage for roller bearings. E. Schack. 2,217,259; Oct. 8.
Cage, Poultry. R. R. Clark and B. W. Phelps. 2,186,009; Jan. 9.
Cages for roller bearings, Making. K. E. A. Göthberg. 2,202,792; May 28.
Cake circle. E. O. Steudel. 2,210,102; Aug. 6.
Cake cover, Wedding. B. O. Montgomery. 2,203,540; June 4.
Cake, Manufacture of composite ice cream. P. M. Angell. 2,214,917; Sept. 17.
Cake, Method of finishing. J. MacManus. 2,220,971; Nov. 12.
Cake package. E. E. Engstrom. 2,191,610; Feb. 27.
Cake package or the like. T. C. Weltmer. 2,200,867; May 14.
Cake pressing and molding machine. J. J. Hendler. 2,185,174; Jan. 2.
Calandria. H. M. Hunter. 2,204,497; June 11.
Calcareous material, Treating. A. J. Weinig. 2,208,143; July 16.
Calcining apparatus. V. J. Azbe. 2,199,384; May 7.
Calcium base alloy. C. E. Nelson and L. B. Otis. 2,221,263; Nov. 12.
Calcium carbide, Process and apparatus for making. L. W. Riggs. 2,222,585; Nov. 19.
Calcium carbonate materials, Treatment of. R. M. Daniels. 2,194,164; Mar. 19.
Calcium carbonate, Preparation of calcium. I. E. Muskat and F. Gage. 2,198,223; Apr. 23.
Calcium hydroxide, Purification of masses containing. K. Wintersberger and W. Spormann. 2,213,131; Aug. 27.
Calcium hypochlorite product, Granular, dustless. H. L. Robson and G. A. Petroe. 2,195,757; Apr. 2.
Calcium hypochlorite product, Production of. H. L. Robson and G. A. Petroe. 2,195,755; Apr. 2.
Calcium hypochlorite product, Production of. M. C. Taylor. 2,195,756; Apr. 2.
Calcium hypochlorite products, Production of. H. L. Robson and G. A. Petroe. 2,219,660; Oct. 29.
Calcium lactobionate calcium bromide and making the same, Crystalline. H. S. Isbell. 2,186,975; Jan. 16.
Calcium phosphate product. J. W. Turrentine. 2,211,918; Aug. 20.
Calcium silicate and preparing the same. R. P. Allen. 2,204,113; June 11.
Calcium silicate minerals and products thereof, Producing hydrated. G. M. Thomson and Z. Erdeley. 2,215,891; Sept. 24.
Calcium sulphate containing composition, Non-lumping. F. V. Hooft and H. B. Hodge, Jr. 2,207,737; July 16.
Calcium sulphate, Manufacture of. W. F. Washburn and F. L. Kingsbury. 2,222,385; Nov. 19.
Calcium sulphate, Treating. H. F. Saunders and C. H. Adams. 2,220,289; Nov. 5.
Calcium sulphite and producing same. G. Haywood. 2,210,405; Aug. 6.
Calcium thiosulphate and the manufacture thereof, Stable solutions of. J. Vonkennel and J. Kimmig. 2,198,642; Apr. 30.
Calculating apparatus, Nomomechanical. E. Fagerholm. 2,220,399; Nov. 5.
Calculating device. L. G. Kuhlman. 2,185,202; Jan. 2.
Calculating device for regrading a set of marks. D. L. Ballard. 2,206,760; July 2.
Calculating machine. H. T. Avery. 2,200,588; May 14.
Calculating machine. H. T. Avery. 2,211,225; Aug. 13.
Calculating machine. H. T. Avery. 2,211,736; Aug. 13.
Calculating machine. H. T. Avery. 2,216,659; Oct. 1.
Calculating machine. H. T. Avery. 2,217,195; Oct. 8.
Calculating machine. H. T. Avery. 2,222,164; Nov. 19.
Calculating machine. R. G. Bower. 2,214,897; Sept. 17.
Calculating machine. S. Brand and G. Nelson. 2,216,063; Sept. 24.
Calculating machine. E. F. Britten, Jr. 2,201,713; May 21.
Calculating machine. H. E. Brown. 2,195,023; Mar. 26.
Calculating machine. J. W. Bryce and A. H. Dickinson. 2,219,737; Oct. 29.
Calculating machine. E. S. Bush. 2,195,267; Mar. 26.
Calculating machine. T. M. Butler. 2,221,861; Nov. 19.
Calculating machine. B. Carlström. 2,188,748; Jan. 30.
Calculating machine. T. O. R. Dahlberg. 2,195,719; Apr. 2.
Calculating machine. A. H. Dickinson. 2,192,729; Mar. 5.
Calculating machine. E. H. Dreher. 2,214,014; Sept. 10.
Calculating machine. A. J. Fettig. 2,202,948; June 4.
Calculating machine. S. Hilder. 2,206,724; July 2.
Calculating machine. R. Hofgaard. 2,191,567; Feb. 27.
Calculating machine. H. P. Mixer. 2,214,029; Sept. 10.
Calculating machine. R. L. Muller. 2,202,596; May 28.
Calculating machine. R. L. Muller. 2,222,681; Nov. 26.
Calculating machine. C. W. Norton. 2,186,265; Jan. 9.
Calculating machine. H. Rauh. 2,222,373; Nov. 19.
Calculating machine. A. Thomas. 2,198,708; Apr. 30.
Calculating machine. W. A. Webb. 2,216,636; Oct. 1.
Calculating machine. S. Wicks. 2,221,686; Nov. 12.
Calculating machine, cash register and the like. I. G. A. Ljunggren, K. M. Vigborg and K. F. Bratt. 2,218,991; Oct. 22.

Calculating machine, Electrical. R. E. Paris. 2,185,681; Jan. 2.
Calculating machine, Motor driven. U. Eichler. 2,215,263; Sept. 17.
Calculating mechanism. H. J. Furber. 2,190,710; Feb. 20.
Calculating or indicating device. C. R. Gulbransen. 2,222,661; Nov. 26.
Calculation apparatus, Automatic. K. S. Lion. 2,193,929; Mar. 19.
Calculator. B. G. Eaton. 2,218,815; Oct. 22.
Calculator. R. T. Frazier. 2,203,194; June 4.
Calculator. W. F. Martin. 2,212,323; Aug. 20.
Calculator. O. Nelson. 2,185,677; Jan. 2.
Calculator. W. W. Wesner. 2,222,272; Nov. 19.
Calculator. A. P. West. 2,222,925; Nov. 26.
Calendar. H. E. Kranhold. 2,194,023; Mar. 19.
Calendar. A. J. Spinner. 2,224,414; Dec. 10.
Calendar and current date indicator means therefor, Perpetual. J. J. O'Brien. 2,226,176; Dec. 24.
Calendar, Calculating. F. H. Hacker. 2,191,757; Feb. 27.
Calendar, Desk. M. E. Trollen. 2,207,209; July 9.
Calendar, Mechanical. E. L. Hostetler. 2,215,552; Sept. 24.
Calendar, Mechanical. C. E. Tally. 2,189,821; Feb. 13.
Calendar, Perpetual. J. J. Sow. 2,215,020; Sept. 17.
Calendar, Perpetual. V. A. Whyatt. 2,205,326; June 18.
Calender roll. A. C. Lade. 2,186,679; Jan. 9.
Calendering apparatus, Paper. D. G. Gardner. 2,190,941; Feb. 20.
Calf-delivery apparatus. J. Kuylen. 2,219,481; Oct. 29.
Calf feeder. L. D. Frederick and O. T. Bloom. 2,190,420; Feb. 13.
Calf weaner. P. H. Kelly. 2,212,160; Aug. 20.
Calibrating device. L. A. Battermann. 2,194,414; Mar. 19.
Calibrating device for valves. J. F. Cox. 2,192,069; Feb. 27.
Calibration adjusting means. H. Linde and A. Soller. 2,186,553; Jan. 9.
Calibrator for the compensating wedge of photometers. C. J. Thompson. 2,188,097; Jan. 23.
Caliper gauge. K. Kaehlert. 2,201,832; May 21.
Caliper, Indicating. R. A. Jones. 2,216,916; Oct. 8.
Caliper, Inside. E. Muller. 2,223,182; Nov. 26.
Caliper, Taper measuring. L. F. Delgado. 2,207,480; July 9.
Calk-anchoring members to athletic shoes, Mechanism for applying. F. C. Phillips. 2,194,720; Mar. 26.
Call indicator. H. R. Warnke. 2,223,927; Dec. 3.
Call or warning system. A. Cianchi. 2,213,100; Aug. 27.
Call recording system, Automatic. W. W. Carpenter and W. H. Matthies. 2,204,957; June 18.
Call transmitter. D. H. Gleason. 2,204,181; June 11.
Calling device. H. F. Obergfell. 2,217,074; Oct. 8.
Calorimeter. A. P. Sullivan. 2,197,370; Apr. 16.
Cam, Adjustable. E. P. Dorman. 2,188,108; Jan. 23.
Cam, Brake actuating. W. F. Boldt and S. Schnell. 2,186,321; Jan. 9.
Cam burring apparatus. J. C. Baker. 2,196,092; Apr. 2.
Cam construction. F. N. Jacob. 2,196,416; Apr. 9.
Cam for knitting machines. R. H. Lawson. 2,199,637; May 7.
Cam, Glass machine operating. J. A. Lewis. 2,216,318; Oct. 1.
Cam grinding machine, Automatic. H. A. Silven. 2,194,434; Mar. 19.
Cam lock. H. Z. Benton. 2,200,211; May 7.
Cam mechanism. R. P. Martin. 2,213,739; Sept. 3.
Cam mechanism. W. B. Mitchell. 2,207,629; July 9.
Cam mount for knitting machines, Adjustable. R. H. Lawson and A. N. Cloutier. 2,208,307; July 16.
Cam position indicator. H. R. Meyer. 2,218,048; Oct. 15.
Camshaft. D. T. Brock and G. J. Trapp. 2,202,330; May 28.
Camshaft treating machine. D. J. Campbell. 2,190,931; Feb. 20.
Cams, Producing. K. Rabe. 2,209,538; July 30.
Camber and variable thickness airfoil, Variable. W. R. Riley. 2,211,989; Aug. 20.
Cambric, Electrically insulating varnished. H. A. Letteron. 2,212,400; Aug. 20.
Camera. C. W. Buckham. 2,202,138; May 28.
Camera. C. W. Buckham. 2,211,714; Aug. 13.
Camera. J. J. Dilks. 2,188,974; Feb. 6.
Camera. J. J. Eppensteiner. 2,214,228; Sept. 10.
Camera. J. Gälter. 2,196,604; Apr. 9.
Camera. G. Kende. 2,208,797; July 23.
Camera. G. Kende and O. K. Cazin. 2,218,915; Oct. 22.
Camera. L. H. Moomaw. 2,222,041; Nov. 19.
Camera. H. Nerwin. 2,192,692; Mar. 5.
Camera. C. F. O'Brien. 2,204,819; June 18.
Camera. C. W. Peterson. 2,187,093; Jan. 16.
Camera. M. Schwartz. 2,220,917; Nov. 12.
Camera. V. P. Shelton. 2,210,988; Aug. 13.
Camera. T. J. Walsh. 2,188,764; Jan. 30.
Camera, Aircraft machine gun. J. E. Weissbrodt. 2,206,015; July 2.
Camera and exposure meter, Photographic. W. H. Edmunds. 2,219,300; Oct. 29.
Camera and view finder, Combined photographic. L. Leitz and W. Albert. 2,191,281; Feb. 20.
Camera back. H. I. Williams. 2,201,511; May 21.
Camera cable release. S. Fischer. 2,205,648; June 25.
Camera case. B. Mayerovitz. 2,223,219; Nov. 26.
Camera, Color. D. Tuck and A. T. Stickland. 2,199,057; Apr. 30.
Camera construction. L. W. Lessler and J. K. Polhemus. 2,208,799; July 23.
Camera construction. G. B. Scheibell. 2,198,417; Apr. 23.
Camera, Copying. C. Liebman. 2,217,120; Oct. 8.
Camera diaphragm. H. F. Tönnies. 2,209,639; July 30.
Camera dissolve. J. Ulano. 2,217,718; Oct. 15.
Camera dolly. H. G. Cunningham. 2,224,901; Dec. 17.
Camera fitted with an electric exposure meter, Photographic. Ö. Riszdorfer. 2,194,152; Mar. 19.
Camera flashlight synchronizer. E. Filsinger. 2,224,674; Dec. 10.
Camera focusing apparatus. A. C. Winchester. 2,208,403; July 16.
Camera, Folding. J. Christie. 2,193,019; Mar. 12.
Camera, Folding. W. Reiche. 2,189,223; Feb. 6.
Camera for flexible materials sensitive to light, Photographic. E. Goldberg. 2,225,433; Dec. 17.
Camera for making systematic identification of negatives. R. White. 2,210,610; Aug. 6.
Camera for photography or cinematography in colors. A. G. Hillman. 2,214,022; Sept. 10.
Camera for producing separation negatives. W. R. Harrison. 2,225,268; Dec. 17.
Camera lens diaphragm. J. W. Galyon. 2,206,086; July 2.
Camera magazine ejector. G. B. Scheibell. 2,199,419; May 7.
Camera mechanism with correlated range and view finder and focusing projector. E. S. Hineline. 2,192,740; Mar. 5.
Camera, Miniature. L. W. Carey. 2,198,602; Apr. 30.
Camera, Motion picture. H. Becker, H. Broschke, and O. Sanger. 2,186,443; Jan. 9.
Camera, Motion picture. M. A. Dalotel. 2,201,886; May 21.
Camera, Motion picture. L. Goldhammer. 2,226,971; Dec. 31.
Camera, Motion picture. P. Heinisch. 2,189,500; Feb. 6.
Camera, Motion picture. P. Heinisch. 2,196,358; Apr. 9.
Camera, Motion picture. P. Heinisch. 2,218,425; Oct. 15.
Camera, Motion picture. I. E. Mather. 2,198,454; Apr. 23.
Camera, Motion picture. W. Riedel. 2,226,638; Dec. 31.
Camera, Motion picture. R. Taesler. 2,209,178; July 23.
Camera mount, Aerial. C. S. Robinson. 2,198,920; Apr. 30.
Camera mounting. F. Moore. 2,226,827; Dec. 31.
Camera, Moving picture. G. Malek. 2,187,356; Jan. 16.
Camera objective attaching mechanism. J. Mihalyi. 2,221,030; Nov. 12.
Camera, Photographic. N. P. Billing. 2,192,394; Mar. 5.
Camera, Photographic. A. J. Child, J. C. Hall, and J. W. Stobart. 2,217,793; Oct. 15.
Camera, Photographic. H. O. Drotning. 2,186,633; Jan. 9.
Camera, Photographic. H. O. Drotning. 2,226,161; Dec. 24.
Camera, Photographic. G. B. Finnegan, Jr., and G. D. Creelman. 2,224,726; Dec. 10.
Camera, Photographic. O. Fischer. 2,209,156; July 23.
Camera, Photographic. L. Goldhammer. 2,204,488; June 11.
Camera, Photographic. A. W. Kingston. 2,201,097; May 14.
Camera, Photographic. I. Kitroser. 2,187,128; Jan. 16.
Camera, Photographic. H. Kuppenbender, O. Fischer, G. Henkel, O. Peters, and A. Mende. 2,199,464; May 7.
Camera, Photographic. J. Mihalyi. 2,186,613; Jan. 9.
Camera, Photographic. J. Mihalyi. 2,206,106; July 2.
Camera, Photographic. H. Nerwin. 2,187,246; Jan. 16.
Camera, Photographic. H. Nerwin. 2,190,729; Feb. 20.
Camera, Photographic. M. Resk. 2,225,351; Dec. 17.
Camera, Photographic. Ö. Riszdorfer. 2,188,820; Jan. 30.
Camera, Photographic. H. Sauer and P. Görlich. 2,197,194; Apr. 16.
Camera, Photographic. W. Schmidt. 2,187,953; Jan. 23.
Camera, Photographic. E. H. Settel. 2,203,368; June 4.
Camera, Photographic. J. T. Uden. 2,207,236; July 9.
Camera, Photographic. J. B. Walker. 2,211,995; Aug 20.
Camera provided with a magazine, Cinematograph. O. Steiner. 2,216,463; Oct. 1.
Camera, Recording. J. K. Holbrook. 2,225,832; Dec. 24.
Camera, Reversible magazine. G. B. Scheibell. Re. 21,435; Apr. 23.
Camera, Roll film. H. Becker, H. Broschke, and E. Filsinger. 2,221,568; Nov. 12.
Camera [illegible]olding. W. Lindenberg. 2,218,245; Oct. 15.
Camera shutter. M. R. Hutchison, Jr. 2,199,998; May 7.
Camera shutter. J. Milhalyi. 2,206,105; July 2.

Camera shutter and actuating the same. G. Kende. 2,226,245; Dec. 24.
Camera, Stereoscopic. H. Küppenbender. 2,194,284; Mar. 19.
Camera, Synchronized flash. G. B. Pollock. 2,198,975; Apr. 30.
Camera, Time controlled subterranean. W. J. Opocensky. 2,203,176; June 4.
Camera traversing apparatus for photographing nearby large object surfaces. E. S. Hineline. 2,203,783; June 11.
Camera with exposure meter. P. Frost and F. Biedermann. 2,217,861; Oct. 15.
Camera with exposure meter, Roll film. L. Goldhammer and S. Gelius. 2,188,711; Jan. 30.
Camera, Wrist-attached. K. M. French. 2,187,449; Jan. 16.
Cameras, Automatic dating device for. J. Anthony. 2,226,364; Dec. 24.
Cameras on vehicles, Supporting. J. H. Vernon. 2,214,516; Sept. 10.
Cameras, Steady rest for. V. F. Greaves. 2,199,662; May 7.
Cameras, Transmission mechanism for. H. Becker and E. Filsinger. 2,227,240; Dec. 31.
Cameras, Variable diffusion mechanism for. G. T. Clemens. 2,207,050; July 9.
Camouflaging. M. Barclay. 2,190,691; Feb. 20.
Camphor oil and preparing the same, Hydrogenated brown. M. S. Carpenter. Re. 21,511; July 23.
Camphor, Refining. C. O. Henke and G. Etzel. 2,205,954; June 25.
Can: *See*—
Garbage can. Sampling can.
Oil can. Waste can.
Can. H. Sebell. 2,199,527; May 7.
Can. M. D. M. Walensky. 2,210,225; Aug. 6.
Can and making the same. H. Sebell. 2,197,439; Apr. 16.
Can attachment. G. D. Brougham. 2,219,617; Oct. 29.
Can attachment. H. H. Trent. 2,225,670; Dec. 24.
Can bodies, Apparatus for producing. J. W. Hothersall. 2,187,740; Jan. 23.
Can body blank preparing method. G. V. Hallman. 2,225,778; Dec. 24.
Can body blank, Sheet metal. A. L. Kronquest. 2,214,422; Sept. 10.
Can body maker. M. E. Widell. 2,192,950; Mar. 12.
Can body making machine. H. F. Cox, Jr. 2,196,982; Apr. 16.
Can closing machine. J. M. Hothersall. 2,202,006; May 28.
Can closing machine, Vacuum. A. M. Cameron. 2,188,939; Feb. 6.
Can closure. H. J. Berenson and L. N. Trudeau. 2,221,177; Nov. 12.
Can construction, Squirt. R. M. Bagley. 2,187,564; Jan. 16.
Can cover, Sanitary. T. M. Krafty. 2,203,911; June 11.
Can drier, Milk. A. C. Winters, Jr. 2,198,898; Apr. 30.
Can drying machine. R. J. Stewart and W. I. Gladfelter. 2,205,702; June 25.
Can end assembling machine. J. M. Hothersall and J. Murch. 2,200,276; May 14.
Can end feeding and marking mechanism. O. A. Schmitt. 2,201,924; May 21.
Can end feeding mechanism. O. A. Schmitt. 2,201,923; May 21.
Can feeding device. H. H. Decker. 2,225,532; Dec. 17.
Can filling machine. C. H. Ayars. 2,187,615; Jan. 16.
Can for cleaning liquid, Dispensing. P. M. Stinson and A. P. Richards. 2,185,575; Jan. 2.
Can for coffee urns, Pouring. W. Cecil. 2,190,441; Feb. 13.
Can handler. P. L. Vannucci. 2,197,389; Apr. 16.
Can handling apparatus. N. J. Peters. 2,214,797; Sept. 17.
Can handling machine. A. R. Thompson. 2,211,801–2; Aug. 20.
Can holder, Handy cleanser. L. M. Young. 2,211,746; Aug. 13.
Can holding apparatus. A. R. Thomsson. 2,193,353; Mar. 12.
Can inspection system. G. T. Stanton and J. E. Tweeddale. 2,208,202; July 16.
Can labeling machine. W. D. Kimball, C. I. Braren, and J. H. Mosley. 2,206,964; July 9.
Can labeling machine. C. H. Wild and C. H. Neer. 2,224.496; Dec. 10.
Can marking machine. G. F. Jackson. 2,195,172–3; Mar. 26.
Can opening and spout forming device. H. A. Johnston. 2,222,177; Nov. 19.
Can opening device. J. M. Hothersall. 2,216.110; Oct. 1.
Can or container, Sanitary. H. Karl. 2,227,138; Dec. 31.
Can packing machine. A. L. Christiansen. 2,195,882; Apr. 2.
Can puncturing device. B. Simunich. 2,190,275; Feb. 13.
Can rack. E. H. Rust. 2,212,129; Aug. 20.
Can straightener and method. A. J. Marchese. 2,216,749; Oct. 8.
Can tapper, Self-sealing. G. F. Ackley. 2,209,313; July 30.
Can transfer valve. J. W. Wilkinson. 2,220,137; Nov. 5.
Can with resilient spout, Fluid. H. J. Phillips. 2,207,176; July 9.
Canister. P. Greig. 2,207,120; July 9.
Canned food product and canning method. A. Musher. 2,217,698; Oct. 15.
Canned milk dispenser. C. Jellik, Jr. 2,218,285; Oct. 15.
Canning. C. O. Ball. 2,209,315; July 30.
Cans and attaching end members thereto, Coating. J. H. O'Neil. 2,214,435; Sept. 10.
Cans, Method of and apparatus for filling. J. H. Murch. 2,188,306; Jan. 30.
Cans, Opening. C. A. Arnesen. 2,196,182; Apr. 9.
Candle and candleholder, J. S. and G. F. Schisano. 2,223,228; Nov. 26.
Candle and fuel composition for candles. K. Rau. 2,188,795; Jan. 30.
Candle holder. E. Buchman. 2,213,203; Sept. 3.
Candle, Metal-finished. M. F. Pratt. 2,187,053; Jan. 16.
Candle, Multiple. C. Turner. 2,196,509; Apr. 9.
Candlestick. J. M. Powers. 2,208,279; July 16.
Candlewick. V. Arnone. 2,189,412; Feb. 6.
Candlewick tufting machine. W. Montgomery. 2,213,589; Sept. 3.
Candler, Egg. C. T. Patterson. 2,195,658; Apr. 2.
Candy. J. K. Farley, Jr. 2,221,373; Nov. 12.
Candy and the like, Method and apparatus for making. J. W. Bowman. 2,197,919; Apr. 23.
Candy cutting machine. A. V. Newman and G. R. Lewis. 2,207,938; July 16.
Candy, Fudge type. A. P. Hellwig and E. G. Fisher. 2,210,856; Aug. 6.
Candy machine. K. G. McKillop. 2,217,285; Oct. 8.
Candy-making machine. R. W. Krout. 2,224,400; Dec. 10.
Candy-pulling machine. R. W. Krout. 2,214,793; Sept. 17.
Cane and umbrella, Combination. G. C. Henderson. 2,214,300; Sept. 10.
Cane car. K. O. Asper. 2,211,683; Aug. 13.
Cane cutting and windrowing machine. B. C. Thomson and J. J. Munson. 2,224,662; Dec. 10.
Cane mill. E. W. Kopke. 2,190.029; Feb. 13.
Cane, Stool. E. T. Hoskins. 2,225,114; Dec. 17.
Cane, Whistling. E. H. Pitney. 2,193,644; Mar. 12.
Canopy for beds, Air conditioned. C. C. Matheny. 2,191,024; Feb. 20.
Canvas, Conveyer. J. E. Novak. 2,189,080; Feb. 6.
Cap: *See*—
Applicator cap. Radiator filler cap.
Attachment plug cap. Mine car.
Bathing cap. Plug cap.
Blasting cap. Radiator cap.
Bottle cap. Safety hub cap.
Bubble cap. Seismograph blasting cap.
Closure cap. Sinus cap.
Container cap Tank cap.
Dispensing cap. Tube cap.
Dowel pin cap. Valve cap.
Electric blasting cap. Valve stem cap.
Ingot cap. Ventilated cap.
Knitted cap. Venting cap.
Locking bottle cap. Well cap.
Make-up cap.
Cap. B. Q. Jones. 2,194,473; Mar. 26.
Cap and dropper. L. S. Beckett. 2,188,802; Jan. 30.
Cap and hood locking device, Automatic gas. T. H. Gill. 2,227,253; Dec. 31.
Cap and indicator, Preserving jar. R. B. Bukolt. 2,194,004; Mar. 19.
Cap and making same, Milk bottle. H. W. Martin. 2,221,197; Nov. 12.
Cap and package, Closure. E. Scofield. 2,223,742; Dec. 3.
Cap and seal, Container. E. R. Rehfeld. 2,213,932; Sept. 3.
Cap and the like and making same, Closure. W. C. Mills. 2,186,728; Jan. 9.
Cap and tire gauge device, Combination valve. W. S. West. 2,225,675; Dec. 24.
Cap applying means. G. E. West. 2,202,181; May 28.
Cap bolt lock. R. E. Horger. 2,192,378; Mar. 5.
Cap for an automobile outside door locking handle. F. A. Cooley. 2,217,730; Oct. 15.
Cap for ball players, Safety. V. Brunzell. 2,218,947; Oct. 22.
Cap for chimneys, Vacuum. E. J. Artis. 2,191,948; Feb. 27.
Cap for collapsible dispensing tubes, Closing. R. McDonald. 2,192,361; Mar. 5.
Cap for collapsible tubes. H. P. Duey. 2,206,993; July 9.
Cap for collapsible tubes and other containers. H. Smith. 2,208,201; July 16.
Cap for containers, Valved. F. E. White. 2,187,256; Jan. 16.
Cap for luminescent tubes or fluorescent lamps, Lamp. J. Liston. 2,190,364; Feb. 13.
Cap for milk bottles, Pouring. F. S. Hogg. 2,188,184; Jan. 23.

Cap for paste tubes, Dispensing. A. J. Strehs. 2,793,746; Mar. 12.
Cap for refractionating towers, Bubble. A. L. Schwandt. 2,194,126; Mar. 19.
Cap for the valves of pressure gas bottles, Protecting. E. Alessio. 2,216,717; Oct. 8.
Cap for tire valves, Indicating. H. G. Renner. 2,193,841; Mar. 19.
Cap for tooth paste and similar tubes, Dispensing. R. A. Stubler. 2,192,020; Feb. 27.
Cap for use with various types of vessels from which it is desired to dispense measured quantities of free flowing materials. C. H. Bailey. 2,190,092; Feb. 13.
Cap lock, Vehicle fuel tank. R. E. Bitgood. 2,205,712; June 25.
Cap or applicator, Paste dispenser. W. J. Ziegler. 2,215,491; Sept. 24.
Cap or the like, Paper bottle. L. W. Moulton. 2,206,485; July 2.
Cap remover, Bottle. M. D. Truesdale. 2,222,382; Nov. 19.
Cap retainer, Screw. K. S. Welty. 2,224,364; Dec. 10.
Cap structure, Snap. W. C. Brenneman. 2,198,858; Apr. 30.
Cap structure, Wheel hub. G. A. Lyon. 2,199,889; May 7.
Capper, Bottle. T. Farmer. 2,204,851; June 18.
Capping apparatus, Container. G. E. Waldron. 2,193,440; Mar. 12.
Capping machine. A. Podel. 2,226,410; Dec. 24.
Capping machine, Foil. S. T. Carter. 2,193,618; Mar. 12.
Caps, Making attachment. G. B. Benander. 2,206,714; July 2.
Caps, Making container. J. M. Montelione. 2,209,416; July 30.
Caps, Manufacture of paper-disk bottle. W. G. Southam. 2,193,412; Mar. 12.
Caps, Method and apparatus for making container. J. H. Van Blarcom. 2,218,102; Oct. 15.
Caps or closures, Making container. C. Hammer. 2,191,989; Feb. 27.
Caps, Spotting crown. F. J. O'Brien. 2,216,750; Oct. 8.
Capacitance potential device. R. Higgins. 2,186,486; Jan. 9.
Capacitor, Electrolytic. F. M. Clark. 2,214,878; Sept. 17.
Capacitor, Fabricating electrolytic. F. M. Clark. 2,214,876; Sept. 17.
Capacitor, Temperature compensated. W. L. Carlson and R. L. Harvey. 2,207,783; July 16.
Capacitor, Variable. T. T. Woodson. 2,192,764; Mar. 5.
Capacitor, Water cooled. R. E. Marbury. 2,200,094; May 7.
Capacity effect, Modifying. H. K. Robin. 2,202,506; May 28.
Capillary active compounds and preparing them. G. Balle, J. Rosenbach, and G. Dittus. 2,210,442; Aug. 6.
Capillary-active sulphonation products, Production of. M. Luther and B. v. Reibnitz. 2,201,944; May 21.
Caponizing table. H. A. Ragland. 2,194,030; Mar. 19.
Capsule. F. G. Zick and C. E. Riel. 2,196,283; Apr. 9.
Capsule, Breeding. F. B. Graham. 2,219,181; Oct. 22.
Capsule filling device. J. V. O'Hara and J. J. Kotzin. 2,200,244; May 14.
Capsule making machine. E. A. Ravenscroft and F. H. Young. 2,205,837; June 25.
Capsule stopper for bottles, jars, glasses, and the like. G. F. M. Pedersen. Re. 21,433; Apr. 23.
Capsules by needle injection, Method and apparatus for making. R. P. Scherer. 2,199,210; Apr. 30.
Capsules, Making. O. I. Waring. 2,199,425; May 7.
Capsules, Manufacture of medicinal. P. S. Pittenger. 2,219,578; Oct. 29.
Capsules, Production of charged. C. F. Lozon. 2,200,577; May 14.

Car: *See*—

Delivery car.
Dry ice car.
Dump car.
Hopper car
Hot metal car.
Load discharging car.
Metal car.
Mine car.
Pusher car.
Rail car.
Railway and highway car.
Railway body car.
Railway car.
Railway container car.
Railway sleeping car.
Refrigerated car.
Refrigerator car.
Refrigerator freight car.
Self-propelled pusher car.
Shuttle car.
Sleeping car.
Toy dump car.
Vehicle transporting car.

Car anchoring device, Railway. H. R. Winfree. 2,195,762; Apr. 2.
Car and shaft sliding door, Elevator. L. E. Klein. 2,218,068; Oct. 15.
Car apparatus, Freight. J. T. Walsh. 2,194,922; Mar. 26.
Car body. F. E. Maier. 2,191,572; Feb. 27.
Car body. E. J. W. Ragsdale and A. G. Dean. 2,197,708; Apr. 16.
Car body, Railway. W. H. Mussey. 2,223,667; Dec. 3.
Car brake. H. E. Anderson. 2,196,242; Apr. 9.
Car classification system for railroads. F. W. Brixner and N. B. Coley. 2,194,352; Mar. 19.
Car construction. J. P. Anderson. 2,213,456; Sept. 3.
Car construction. J. P. Christiansen. 2,226,091; Dec. 24.
Car construction. C. W. Miller. 2,189,739; Feb. 6.
Car construction. C. W. Miller. 2,199,545; May 7.
Car construction. R. J. Olander. 2,225,711; Dec. 24.
Car construction. A. C. Schmohl. 2,222,045–6; Nov. 19.
Car construction and making the same, Box. W. S. Dietrich. 2,208,450; July 16.
Car construction and method. W. S. Dietrich. 2,222,335; Nov. 19.
Car construction, Freight. P. E. Finger. 2,204,348; June 11.
Car construction, Freight. R. W. Thompson. 2,207,361; July 9.
Car construction, Hopper. K. F. Nystrom. 2,190,333; Feb. 13.
Car construction, Load discharging. W. F. Batho. 2,222,280; Nov. 19.
Car construction, Railway. C. E. Crede. 2,192,813; Mar. 5.
Car construction, Railway. G. G. Gilpin. 2,204,674; June 18.
Car construction, Railway. G. G. Gilpin. 2,217,110; Oct. 8.
Car construction, Railway. G. G. Gilpin. 2,223,609; Dec. 3.
Car construction, Railway. W. J. Tangerman. 2,189,386; Feb. 6.
Car construction, Railway dump. A. Campbell. 2,206,938; July 9.
Car construction, Refrigerator. G. G. Gilpin. 2,226,764; Dec. 31.
Car construction, Refrigerator. R. B. Winship. 2,214,545; Sept. 10.
Car diaphragm, Flexible. M. Seel. 2,217,601; Oct. 8.
Car diaphragm, Metallic. M. Seel. 2,217,600; Oct. 8.
Car door. W. A. Beauchamp. 2,215,315; Sept. 17.
Car door. W. A. Beauchamp. 2,225,679; Dec. 24.
Car door. F. Ditchfield. 2,202,688; May 28.
Car door. F. Ditchfield. 2,225,371; Dec. 17.
Car door. T. Madland. 2,187,907; Jan. 23.
Car door. J. P. McWilliams. 2,225,705; Dec. 24.
Car door fastener. S. J. Strid. 2,211,963; Aug. 20.
Car door, Railway. A. Wasberg. 2,226,419; Dec. 24.
Car dumping machine. L. B. Jones. 2,215,735; Sept. 24.
Car end. W. D. Thompson. 2,207,955; July 16.
Car end construction. J. W. Coleman. 2,185,783; Jan. 2.
Car end interlock. J. P. Gallagher. 2,187,776; Jan. 23.
Car end structure, Railway. E. E. Schlesinger. 2,189,384; Feb. 6.
Car ends, Forming corrugated. A. W. Fraser. 2,213,648; Sept. 3.
Car floor rack, Refrigerator. C. D. Bonsall. 2,188,851; Jan. 30.
Car floor rack, Refrigerator. G. G. Gilpin. 2,188,860; Jan. 30.
Car for railway and highway use, Convertible. J. R. Hughes. 2,188,096; Jan. 23.
Car frame, Railway. W. F. Dietrichson. 2,203,490; June 4.
Car frame sides, Assembling and welding. F. M. Gunn, G. C. Johnson, and A. O. Hoenke. 2,221,187; Nov. 12.
Car hatch arrangement, Refrigerator. A. W. L. Hartbauer. 2,220,901; Nov. 12.
Car heater. W. A. Kysor. 2,185,855; Jan. 2.
Car journal hoisting apparatus, Railway. A. W. Donop. 2,189,977; Feb. 13.
Car journals, Lubricating railway. E. M. Barber. 2,198,569; Apr. 23.
Car mover. C. E. Peterson. 2,188,483; Jan. 30.
Car mover, Rail. H. C. Pierce. 2,204,000; June 11.
Car or tank, Armored motor. J. Hojnowski. 2,200,230; May 7.
Car refrigeration. D. P. Minard. 2,187,277; Jan. 16.
Car refrigeration, Railroad. G. M. Brush. 2,210,896; Aug. 13.
Car replacer. D. A. Benner. 2,222,647; Nov. 26.
Car retarder for railroads. N. C. L. Brown and F. C. Nilson. 2,217,214; Oct. 8.
Car-rocking device. M. Rasch. 2,223,576; Dec. 3.
Car-seat base, Reversing. O. E. Hill. 2,204,218; June 11.
Car-seat base, Reversing. O. E. Hill. 2,215,817; Sept. 24.
Car truck. N. B. Akitt. 2,192,171; Mar. 5.
Car truck. R. C. Hobson. 2,190,643; Feb. 20.
Car truck. R. C. Hobson. 2,211,462–3; Aug. 13.
Car truck. C. L. Orr. 2,216,093; Sept. 24.
Car truck and braking means therefor. H. W. Stertzbach and C. L. Orr. 2,189,642; Feb. 6.
Car underframe. K. F. Nystrom. 2,195,821; Apr. 2.
Car unloader. C. Jensen. 2,219,926; Oct. 29.
Car unloading. J. C. McKenna. 2,190,726; Feb. 20.
Car wheel. A. J. Hersey and C. L. Madden. 2,189,901; Feb. 13.
Car wheel, Convertible. J. C. Mock. 2,202,296; May 28.
Car wheel, Resilient. T. N. Fritzsch. 2,199,287; Apr. 30.
Car wheel, Resilient. R. J. Wittmer. 2,204,953; June 18.
Cars, Loading. A. R. Hoak. 2,224,432; Dec. 10.
Cars, Unloading freight. J. C. McKenna. 2,190,727; Feb. 20.
Carbazole ring formation of compounds of the anthraquinone series, Effecting. W. Burneleit, W. Mieg, and F. Wieners. 2,187,815; Jan. 23.

Carbide composition, Hard. J. A. Boyer and C. G. Rose. 2,201,150; May 21.
Carbide composition, Hard. J. A. Boyer and C. G. Rose. 2,225,152; Dec. 17.
Carbide composition, Refractory. F. R. Hensel. 2,190,477; Feb. 13.
Carbide feed mechanism. G. M. Deming. 2,222,171; Nov. 19.
Carbinols, High molecular weight substituted ethinyl. A. W. Ralston. 2,203,363; June 4.
Carbohydrate derivatives, Stabilizing. R. S. Bley. 2,206,872; July 9.
Carbon and making the same, Activated. G. H. Scheffler. 2,216,756; Oct. 8.
Carbon and other deposits from internal combustion engines, Removing. G. Hofele. 2,201,773; May 21.
Carbon, Billing. L. K. Fleischmann. 2,225,212; Dec. 17.
Carbon black composition, etc. R. J. King and W. Mitchell, Jr. 2,210,763; Aug. 6.
Carbon black, Forming agglomerated. H. W. Grote. Re. 21,390; Mar. 12.
Carbon black, Making. W. A. Knapp. 2,204,366; June 11.
Carbon black, Packing and storing. C. G. Keeton. 2,194,392; Mar. 19.
Carbon black, Process and apparatus for the manufacture of. A. Schmalenbach. 2,225,354; Dec. 17.
Carbon black, Treating. H. L. Teegerstrom. 2,213,059; Aug. 27.
Carbon box body, Compound. G. H. and A. G. Snyder. 2,208,268; July 16.
Carbon compounds, Manufacture or recovery of polynuclear. M. Pier, L. Boente, and A. Eisenhüt. 2,190,191; Feb. 13.
Carbon compounds, Production of polynuclear. M. Pier and K. Schoenemann. 2,216,130–31; Oct. 1.
Carbon compounds, Production or recovery of unitary polynuclear. M. Pier and K. Schoenemann. 2,216,132; Oct. 1.
Carbon dioxide and ammonia, Reacting. R. B. Booth. 2,194,082; Mar. 19.
Carbon dioxide, Recovery of. G. T. Reich. 2,205,962; June 25.
Carbon disulphide in the manufacture of artificial silk, Recovering. H. van Deinse. 2,196,843; Apr. 9.
Carbon disulphide, Production of. M. de Simó. 2,187,393; Jan. 16.
Carbon-free alloy. R. H. Canfield, H. F. Kaiser, R. A. Gezelius, and H. S. Jerabek. 2,215,459; Sept. 24.
Carbon holding device. F. Iacobelli and V. Cassella. 2,207,670; July 9.
Carbon monoxide adsorption property of platinum black powder, Activating the. A. Z. Mample. 2,219,261; Oct. 22.
Carbon monoxide and hydrogen, Preparing mixtures of. G. Roberts, Jr. 2,185,989; Jan. 2.
Carbon monoxide-hydrogen mixture, Producing. W. D. Wilcox. 2,199,475; May 7.
Carbon monoxide, Hydrogenation of. W. Michael and W. Jaeckh. 2,211,022; Aug. 13.
Carbon monoxide purifier and muffler. H. H. Boyce. 2,216,763; Oct. 8.
Carbon monoxide with hydrogen, Conversion of. W. Michael and W. Jaeckh. 2,220,261; Nov. 5.
Carbon paper holder. J. S. Marran. 2,220,377; Nov. 5.
Carbon remover. J. H. Minor. 2,203,835; June 11.
Carbon saver. H. Granville, Sr. 2,207,664; July 9.
Carbon shifter. A. W. Metzner. 2,216,041; Sept. 24.
Carbon shifter. J. Q. Sherman. 2,215,481; Sept. 24.
Carbon solvent and lubricant. R. L. Buffington. 2,188,645; Jan. 30.
Carbon tetrachloride, Manufacturing. B. Hennig. 2,223,448; Dec. 3.
Carbonaceous material, Producing. A. Oberle. 2,201,050; May 14.
Carbonaceous materials, Catalytic treatment of combustible. M. Pier, W. Simon, and P. Jacob. 2,194,186; Mar. 19.
Carbonaceous materials, Process and apparatus for the hydrogenation of. V. Viktora. 2,207,494; July 9.
Carbonaceous materials, Treatment of. H. Dreyfus. 2,202,901; June 4.
Carbonaceous materials with hydrogenating gases, Reaction on. M. Pier, W. Simon, and W. Kroenig. 2,191,156; Feb. 20.
Carbonaceous substances, Production of valuable. M. Pier, W. Urban, and E. Donath. 2,221,952; Nov. 19.
Carbonates, Manufacture of alkali earth. K. Schneider. 2,211,796; Aug. 20.
Carbonates of hydroxybenzoic acid esters. E. F. Grether and R. D. Du Vall. 2,189,205; Feb. 6.
Carbonating apparatus and cooling unit. C. P. Deibel. 2,201,429; May 21.
Carbonator. J. Kantor. 2,219,032; Oct. 22.
Carbonator and bottle filler with auxiliary counter-pressure chamber, Combined. W. E. Bostelmann. 2,216,902; Oct. 8.
Carboniferous materials, Catalytic oxidation of. F. D. Leicester. 2,193,337; Mar. 12.
Carbons for depolarizing electrodes, Determining the utility of. W. Wisfeld. 2,190,817; Feb. 20.
Carbonyl compounds of steroids and manufacture thereof. K. Miescher, A. Wettstein, and W. Fischer. 2,188,914; Feb. 6.
Carbonylic compounds, Preparation of unsaturated. C. C. Allen and V. E. Haury. 2,225,542; Dec. 17.
Carbothionamides and preparing the same, Polymeric. W. E. Hanford. 2,201,172; May 21.
Carboxylic acid substances to amines, Catalytic hydrogenation of. W. A. Lazier. 2,223,303; Nov. 26.
Carbureting and ignition system for internal combustion engines. M. Mallory. 2,201,381; May 21.
Carburetor. E. G. Atkins. 2,210,055; Aug. 6.
Carburetor. F. O. and T. M. Ball. 2,194,783; Mar. 26.
Carburetor. F. O. and T. M. Ball. 2,205,457; June 25.
Carburetor. L. Beck. 2,212,258; Aug. 20.
Carburetor. P. C. P. Booty. 2,203,858; June 11.
Carburetor. G. A. Breeze. 2,194,540; Mar. 26.
Carburetor. E. K. Chaffin. 2,207,533; July 9.
Carburetor. M. E. Chandler. 2,222,865; Nov. 26.
Carburetor. F. W. Cloedy and H. A. Carlson. Re. 21,610; Oct. 29.
Carburetor. F. W. Cloedy and H. A. Carlson. 2,191,905; Feb. 27.
Carburetor. I. E. Coffey. 2,209,511; July 30.
Carburetor. P. W. Ensign. 2,186,480; Jan. 9.
Carburetor. D. Firth. 2,190,314; Feb. 13.
Carburetor. D. Firth. 2,223,987; Dec. 3.
Carburetor. J. R. Fish. 2,214,273; Sept. 10.
Carburetor. F. W. Fremd, Jr. 2,216,664; Oct. 1.
Carburetor. G. J. Gretz. 2,224,152; Dec. 10.
Carburetor. H. A. Hansen. 2,215,697; Sept. 24.
Carburetor. S. F. Hunt. 2,215,614; Sept. 24.
Carburetor. J. S. Jennings, Jr. 2,209,401; July 30.
Carburetor. W. E. Leibing. 2,214,964; Sept. 17.
Carburetor. E. M. J. Lepicard. 2,197,555; Apr. 16.
Carburetor. J. Lichtenstein. 2,197,476; Apr. 16.
Carburetor. J. E. Liekendael. 2,225,647; Dec. 24.
Carburetor. R. Lozivit. 2,227,267; Dec. 31.
Carburetor. M. Mallory. 2,195,867; Apr. 2.
Carburetor. M. Mallory. 2,198,676; Apr. 30.
Carburetor. C. E. Markham. 2,187,885; Jan. 23.
Carburetor. A. A. Melcher. 2,225,194; Dec. 17.
Carburetor. F. C. Mock. 2,185,265; Jan. 2.
Carburetor. F. C. Mock. 2,223,381; Dec. 3.
Carburetor. F. C. Mock and E. O. Wirth. 2,212,946; Aug. 27.
Carburetor. E. Olson. 2,189,219; Feb. 6.
Carburetor. O. Oswald. 2,223,919; Dec. 3.
Carburetor. P. Schüttler. 2,216,677; Oct. 1.
Carburetor. C. R. Snyder. 2,223,836; Dec. 3.
Carburetor. A. H. Winkler. 2,215,682; Sept. 24.
Carburetor. E. O. Wirth. 2,201,603; May 21.
Carburetor. E. O. Wirth. 2,212,926; Aug. 27.
Carburetor. E. O. Wirth. 2,215,683; Sept. 24.
Carburetor accelerating means. E. Olson. 2,199,509; May 7.
Carburetor accelerating pump. J. Schweiss. 2,189,554; Feb. 6.
Carburetor adapter, Dual. O. C. Betry. 2,192,067; Feb. 27.
Carburetor, Air turbine. W. O. Haddock. 2,186,829; Jan. 9.
Carburetor and supercharger, Combination. E. Miller, Jr. 2,188,189; Jan. 23.
Carburetor attachment for internal combustion engines. R. J. Condon. 2,188,175; Jan. 23.
Carburetor by-pass. B. C. Rivers. 2,227,107; Dec. 31.
Carburetor choke control device. J. Schweiss. 2,225,943; Dec. 24.
Carburetor choke device. I. E. Coffey. 2,218,699; Oct. 22.
Carburetor combined with a feeding pump. G. Steinlein and L. Bruckmoser. 2,223,971; Dec. 3.
Carburetor, Compensating. J. C. Benner. 2,205,027; June 18.
Carburetor construction. W. F. Bernstein and F. J. Bittermann. 2,211,552; Aug. 13.
Carburetor control. A. Heess and G. Scheerer. 2,201,693; May 21.
Carburetor control mechanism. T. M. Ball. 2,205,458; June 25.
Carburetor device. H. W. Farr. 2,188,002; Jan. 23.
Carburetor device. H. W. Farr. 2,208,864; July 23.
Carburetor device. L. B. Read. 2,208,702; July 23.
Carburetor device. V. C. Worden. 2,198,100; Apr. 23.
Carburetor float support. B. Mollberg. 2,202,993; June 4.
Carburetor for internal combustion engines. L. Beck. 2,208,317; July 16.
Carburetor for internal combustion engines. R. M. Grosjean. 2,225,989; Dec. 24.
Carburetor for internal combustion engines. R. L. Spencer. 2,225,804; Dec. 24.
Carburetor, Gas. W. E. Clayton. 2,218,145; Oct. 15.
Carburetor, Gas. R. A. Peduzzi. 2,209,206; July 23.
Carburetor, Pressure fed. M. E. Chandler. 2,224,472; Dec. 10.
Carburetor, Self feed. S. M. Udale. 2,210,991; Aug. 13.
Carburetor step-up control. L. D. Boyce. 2,204,527; June 11.
Carburetor step-up device. L. D. Boyce. 2,204,526; June 11.
Carburetor structure. G. M. Bicknell. 2,213,036; Aug. 27.
Carburetor structure. I. E. Coffey. 2,207,456; July 9.
Carburetor valve. H. A. Boller. 2,192,703; Mar. 5.
Carburetors of internal combustion engines in aircraft, Device for controlling. R. Tampier. 2,207,386; July 9.

Carburizing compound. A. R. Keil. 2,210,622; Aug. 6.
Carcasses, Treating. B. E. Williams and L. L. Cadwell. 2,214,153; Sept. 10.
Card and making the same, Playing. W. B. Morton. 2,193,638; Mar. 12.
Card and the like for sequence sorting. D. A. Nevin. 2,213,607; Sept. 3.
Card blank, Control. H. O. George and T. R. Skofteland. 2,195,860; Apr. 2.
Cardboard and cardboard web and making same. A. Benda. 2,216,803; Oct. 8.
Cardboard box. W. W. Deline. 2,198,658; Apr. 30.
Cardboard container. R. Laflamme. 2,213,525; Sept. 3.
Card comparing machine, Statistical. K. J. Braun. 2,211,094; Aug. 13.
Card comparing machine, Statistical. K. J. Braun. 2,214,010; Sept. 10.
Card device, Greeting or advertising. A. P. Pfeiffer. 2,217,454; Oct. 8.
Card, Display. S. V. Anderson. 2,208,354; July 16.
Card display unit. S. L. and D. Abbott. 2,224,586; Dec. 10.
Card ejecting mechanism. F. M. Carroll. 2,206,661; July 2.
Card feeding mechanism. G. F. Daly and G. S. Wells. 2,195,851; Apr. 2.
Card for door keys, Display. C. Tate. 2,224,027; Dec. 3.
Card for medical pads and the like, Mounting. W. M. Scholl. 2,209,210; July 23.
Card game accessory. A. W. Carlson. 2,199,039; Apr. 30.
Card holder. G. J. Halton. 2,211,653; Aug. 13.
Card holder. C. F. Hoofer. 2,206,775; July 2.
Card holder. L. Jullien and J. E. Jullien. 2,203,155; June 4.
Card holder, Display. W. R. Churchill. 2,197,657; Apr. 16.
Card holder, Visible index. M. Vogel. 2,195,157; Mar. 26.
Card holding attachment for card tables. I. Levin. 2,201,187; May 21.
Card holding attachment for writing machines. H. Mieth. 2,187,887; Jan. 23.
Card index. J. A. Best. 2,216,428; Oct. 1.
Card index or system, Vertical. B. T. Soderlund. 2,198,183; Apr. 23.
Card, Mailing. A. Podmore. 2,203,578; June 4.
Card punching machine. M. Maul. 2,210,552; Aug. 6.
Card punching machine. E. J. Von Pein. 2,192,626; Mar. 5.
Card registry. R. Bosse. 2,192,178; Mar. 5.
Card selecting machine. J. T. Wilson. 2,195,845; Apr. 2.
Card selecting mechanism. W. A. Peters and L. J. Stone. 2,223,966; Dec. 3.
Card shearing machine. C. W. Straubel. 2,204,736; June 18.
Card shuffler. H. G. Krueger. 2,208,459; July 16.
Card shuffling and dealing device. S. C. Nott. 2,185,474; Jan. 2.
Card slotter. L. L. McCart. Re. 21,534; Aug. 20.
Card sorting machine. K. J. Braun. 2,185,289; Jan. 2.
Card table. R. E. Goodman. 2,216,171; Oct. 1.
Card table. R. F. Harris. 2,199,745; May 7.
Card table. H. Markell. 2,222,985; Nov. 26.
Card table trump indicator. C. A. Weinreich. 2,216,061; Sept. 24.
Cards in overlapping spaced relation, Arranging. L. G. Townsend. 2,205,446; June 25.
Cardiac recording apparatus. H. Weiss. 2,202,935; June 4.
Carding engine. R. B. Jenkins and G. R. Hooper. 2,188,458; Jan. 30.
Carding tool, Hand. A. G. Lutz. 2,202,215; May 28.
Cargo and material handling machine, Combination. E. W. Taylor. 2,226,361; Dec. 24.
Cargo loading and trimming device, Combined. J. J. Flanagan. 2,216,704; Oct. 1.
Carotene content of freshly cut grasses, Retaining. S. Musher. 2,198,214; Apr. 23.
Carotin decolorizing material, Preparation of. J. D. Guthrie. 2,216,174; Oct. 1.
Carpenter's horse. W. J. McDonald. 2,194,027; Mar. 19.
Carpenter's roof lay-out gauge. M. V. Tracy. 2,212,331; Aug. 20.
Carpenter's wrecking tool. E. P. Baker. 2,195,667; Apr. 2.
Carpet. H. P. Faris, D. W. Yochum, and R. B. Logan. 2,187,140; Jan. 16.
Carpet fastening device. R. T. McNicholas. 2,211,574; Aug. 13.
Carpet sweeper latch. H. H. Boye. 2,211,533; Aug. 13.
Carpet weaving frame. C. Marcos. 2,219,268; Oct. 22.
Carpeting, Making. F. T. Lahey. 2,202,663; May 28.
Carriage and inclined servicing way for the same, Ski passenger. G. W. Morton. 2,200,964; May 14.
Carriage, Baby. A. G. Feldman. 2,208,252; July 16.
Carriage, Baby. E. Hodaly. 2,191,760; Feb. 27.
Carriage, Basket. A. A. Smith. 2,212,053; Aug. 20.
Carriage, Collapsible. S. and N. J. Kroll. 2,225,999–6,000; Dec. 24.
Carriage, Collapsible baby. A. G. Feldman. 2,210,071; Aug. 6.
Carriage for accounting machines. J. R. Ganger. 2,217,221; Oct. 8.
Carriage for accounting machines, Paper. W. A. Anderson. 2,185,424; Jan. 2.
Carriage for accounting machines, Paper. W. A. Anderson. 2,204,243; June 11.
Carriage for portable electric machines, Motor-seating. F. Toop. 2,204,110; June 11.
Carriage for sampling apparatus and the like, Reciprocating. J. H. Heginbotham and L. V. Stanley. 2,224,431; Dec. 10.
Carriage for self-service stores, Folding basket. S. H. Goldman. 2,196,914; Apr. 9.
Carriage for ski or like elevated ways, Passenger G. W. Morton. 2,200,965; May 14.
Carriage for supporting trays. E. H. Pinto. 2,192,102; Feb. 27.
Carriage, Hand-actuated. P. Ollagnon. 2,216,982; Oct. 8.
Carriage, Miscellaneous load handling. B. Askeris. 2,219,609; Oct. 29.
Carriage return mechanism for computing and printing machines. O. J. Sundstrand. 2,216,634; Oct. 1.
Carriage return mechanism for typewriters, Motor driven. F. Eibert. 2,189,942; Feb. 13.
Carriage return mechanism for typewriters, Universal. F. W. Le Porin. 2,214,906; Sept. 17.
Carriage structure, Reciprocatory. W. Knapp. 2,185,304; Jan. 2.
Carrier: *See*—

Amalgam carrier.	Luggage carrier.
Article carrier.	Mailbox and parcel post carrier.
Artificial teeth carrier.	Milk bottle carrier.
Battery carrier.	Money carrier.
Bottle carrier.	Portable carrier.
Bottle display carrier.	Prop and light carrier.
Braider carrier.	Rod line carrier.
Case carrier.	Scraper carrier.
Cigar machine wrapper carrier.	Sheave carrier.
Commodity carrier.	Short wall carrier.
Drawbar carrier.	Superposed carrier.
Fish carrier.	Transparency carrier.
Flower carrier.	Typewriter carrier.
Garment carrier.	Umbrella carrier.
Golf bag carrier.	Wheel and tire carrier.

Carrier and advertisement, Combined coin. W. A. Didier. 2,227,179; Dec. 31.
Carrier and development receptacle, Photographic film. R. Stuart. 2,191,508; Feb. 27.
Carrier-current relay system. B. E. Lenehan. 2,210,678; Aug. 6.
Carrier-current relaying system, Simplified. B. E. Lenehan. 2,210,679; Aug. 6.
Carrier current system. J. L. Woodworth. 2,192,061; Feb. 27.
Carrier for balancing machines, Work. J. P. Lannen. 2,199,667; May 7.
Carrier for bottles, Gang. T. H. Jenkins. 2,212,237; Aug. 20.
Carrier for enlargers, Negative. J. Worlatschek. 2,207,211; July 9.
Carrier for fishhooks and artificial flies. L. E. Lawrence. 2,225,309; Dec. 17.
Carrier for ledger cards. R. G. Thomas, Jr. 2,220,499; Nov. 5.
Carrier for motor vehicles, Dog. J. R. Wuest. 2,194,993; Mar. 26.
Carrier for power shellers, Motor. R. H. Book and U. G. Currier. 2,221,536; Nov. 12.
Carrier for overhead tram rail systems. F. W. Everard. 2,196,065; Apr. 2.
Carrier for recording and making same. J. H. de Boer, C. J. Dippel, and B. S. H. Stieler. 2,194,642; Mar. 26.
Carrier for trucks, Cement. G. P. Grigsby. 2,218,106; Oct. 15.
Carrier for valves, Orifice plate. C. G. Davis. 2,217,216; Oct. 8.
Carrier frequency system. J. L. Hills. 2,209,272–3; July 23.
Carrier mounting. E. F. Pawsat. 2,209,846; July 30.
Carrier system, Catalytic. R. C. Curtis. 2,188,500; Jan. 30.
Carrier system, Overhead. M. G. Rosenthal. 2,201,013; May 14.
Carrier system, Overhead. W. G. Wehr. 2,201,017; May 14.
Carrier system, Replacement. R. C. Curtis. 2,205,469; June 25.
Carrier system with phase discrimination. R. S. Caruthers. 2,185,687; Jan. 2.
Carrier wave telephony. T. S. Skillman. 2,215,482; Sept. 24.
Carrier wave telephony system. T. S. Skillman. 2,215,483; Sept 24.
Carrier wave transmitter, Modulated. W. T. Ditcham. 2,198,431; Apr. 23.
Carrier wave transmitter, Modulated. L. T. Moodey and C. R. Stains. 2,224,690; Dec. 10.
Carriers, Making bottle. H. Z. Gray. 2,191,197; Feb. 20.
Carroting process. W. C. Mercier. 2,211,341–2; Aug. 13.
Cart. W. J. Mueller and I. R. Smith. 2,189,079; Feb. 6.
Cart. R. M. Snyder. 2,191,327; Feb. 20.
Cart, Concrete. C. A. Buchen. 2,201,224; May 21.

Cart, Dump. A. C. Lindgren. 2,217,871; Oct. 15.
Cart, Luggage. J. Robinson. 2,188,578; Jan. 30.
Carton. R. E. Ariail. 2,210,872; Aug. 13.
Carton. A. L. Aste. 2,205,332; June 18.
Carton. E. C. Berg. 2,199,476; May 7.
Carton. R. D. Best. 2,186,777; Jan. 9.
Carton. C. H. Goodyear. 2,218,509; Oct. 22.
Carton. F. M. Green. 2,192,307; Mar. 5.
Carton. O. H. Hultin. 2,186,109; Jan. 9.
Carton. K. B. Jones. 2,202,153; May 28.
Carton. L. B. Maurin. 2,219,560; Oct. 29.
Carton. M. H. Mumford. 2,194,669; Mar. 26.
Carton. E. C. Potter. 2,205,068; June 18.
Carton. L. W. Reaume. 2,192,412–3; Mar. 5.
Carton. P. E. Schrell. 2,205,157; June 18.
Carton. R. P. Seckendorf, W. H. Perry, and H. P. Beckett. 2,225,322; Dec. 17.
Carton. D. A. Snyder. 2,227,383; Dec. 31.
Carton. J. E. Walsh. 2,211,449; Aug. 13.
Carton and egg filler assembling machine, Egg. J. L. Coyle. 2,224,510; Dec. 10.
Carton and sifter therefor, Flour. H. S. Wiggins. 2,224,495; Dec. 10.
Carton assembling machine, Egg. A. E. Brown and W. Vaughan. 2,195,916; Apr. 2.
Carton, Display. P. L. Anthony and L. E. Croy. 2,226,089; Dec. 24.
Carton, Display. W. H. Igou. 2,217,953; Oct. 15.
Carton, Display. J. B. Martin. 2,209,657; July 30.
Carton feeding mechanism. C. F. Richard. 2,191,586; Feb. 27.
Carton for biscuits. A. F. Cowan. 2,215,348; Sept. 17.
Carton for chinaware, Shipping. J. J. Smith. 2,192,582; Mar. 5.
Carton for confections, Holding. N. A. Petter. 2,210,302; Aug. 6.
Carton for containing straws and the like. B. R. Farrand. 2,205,158; June 18.
Carton forming machine. E. G. Jurgens and H. K. Becker. 2,220,960; Nov. 12.
Carton lining machine. G. F. Burton. 2,216,586; Oct. 1.
Carton, Paper. W. D. Warrick. 2,225,492; Dec. 17.
Carton, Sanitary display. G. Mueller, F. A. Fechner, and K. D. Young. 2,193,237; Mar. 12.
Carton sealing machine. G. W. Anderson. 2,224,716; Dec. 10.
Carton, Self-locking. J. K. Darragh. 2,185,544; Jan. 2.
Carton, Shipping. J. A. Buser. 2,221,368; Nov. 12.
Carton, Shipping. C. W. Vogt. 2,188,732; Jan. 30.
Carton structure. L. W. Reaume. 2,191,180; Feb. 20.
Carton with pouring aperture, Folded. J. C. Stedman. 2,217,142; Oct. 8.
Cartons, Forming egg. S. Bergstein. 2,211,488; Aug. 13.
Cartons, Manufacture of. J. Hoza. 2,196,440; Apr. 9.
Cartons, Manufacture of. A. R. Ridderstrom. 2,226,181; Dec. 24.
Cartoons, Making motion picture. M. Fleischer. 2,201,649; May 21.
Cartridge. R. A. Hunter. 2,204,085; June 11.
Cartridge and casing, Oil filter. J. E. Hooper. 2,197,471; Apr. 16.
Cartridge belt for automatic firearms. H. A. Faulkner and R. D. Wackrow. 2,222,812; Nov. 26.
Cartridge, Blasting. C. J. Sandoe. 2,207,205; July 9.
Cartridge clip. L. N. Nomar. 2,197,313; Apr. 16.
Cartridge clips, Method and apparatus for loading. A. F. Harris. 2,210,931; Aug. 13.
Cartridge condenser. E. Baer. 2,207,707; July 16.
Cartridge feed for guns. R. W. Hoaglund and C. M. Shepherd. 2,192,677; Mar. 5.
Cartridge for oil filters. T. E. Aldham. 2,221,465; Nov. 12.
Cartridge for shotguns, Metal. J. Spengler. 2,189,498; Feb. 6.
Cartridge, Gas producing. J. M. Holm. 2,195,965; Apr. 2.
Cartridge holder. H. Masterton-Smith. 2,215,726; Sept. 24.
Cartridge magazine, Firearm. A. Moneta. 2,185,676; Jan. 2.
Cartridge, Welding. W. C. Banks. 2,225,028; Dec. 17.

Case: *See*—
Accordion carrying case.
Brief case.
Brush case.
Burial case.
Camera case.
Cigarette and vanity case.
Cigarette case.
Combination case.
Cosmetic case.
Dental plate case.
Dispensing display case.
Display and dispensing case.
Display case.
Flashlight and battery case.
Key case.
Lipstick and similar case.
Loading apparatus case.
Luggage case.
Pocket case.
Portfolio case.
Refrigerated case.
Sewing machine bobbin case.
Shipping case.
Show case.
Specimen case.
Spectacle case.
Traveling case.
Utility case.
Vanity case.
Wardrobe case.
Watch and watchcase.
Well survey instrument case.
Wrist-watch case.

Case and desk, Combination packing. H. G. McLauthlin. 2,222,318; Nov. 19.
Case and forming same, Rim reinforced. C. F. Smith. 2,191,291; Feb. 20.
Case and frame structure therefor, Carrying. L. Stein. 2,200,972; May 14.
Case and movement frame for watches and the like. E. L. Carlson. 2,207,532; July 9.
Case and platter construction, Refrigerated. J. S. Hill. 2,201,265; May 21.
Case and sound amplifier for stringed electrical instruments, Combination carrying. D. J. Dickerson. 2,226,900; Dec. 31.
Case and the like, Drawer. H. C. Bullard. 2,220,206; Nov. 5.
Case carrier. R. D. Shockey. 2,211,391; Aug. 13.
Case construction, Display. A. Vanderveld. 2,194,104; Mar. 19.
Case conveyer. W. R. Maguire and E. J. Lockwood. 2,222,316; Nov. 19.
Case filler, Egg. R. W. Gates. 2,226,904; Dec. 31.
Case flat and filler assembly, Egg. J. R. Grant. 2,216,193; Oct. 1.
Case for cigarettes or cigars. H. Lorant. 2,207,593; July 9.
Case for cosmetics, and especially lipsticks. G. L. Erard. 2,221,760; Nov. 19.
Case for firearms, Cartridge. A. V. Schillström. 2,217,848; Oct. 15.
Case for opera glasses and the like. J. R. Neill and A. L. Alves. 2,212,123; Aug. 20.
Case for pianos. J. Sauerland. 2,220,054; Oct. 29.
Case for sewing machines, Locking thread supply. W. T. Minett. 2,208,999; July 23.
Case for thread braids, Sewing. D. Goldman. 2,190,873; Feb. 20.
Case for toilet accessories. H. S. King. 2,205,205; June 18.
Case hardening composition. H. Solakian. 2,188,063; Jan. 23.
Case loader. J. L. Ferguson. 2,206,279; July 2.
Case of stoneware or like brittle material, Clock. H. Junghans. 2,190,158; Feb. 13.
Case pivot, Key. N. H. Swanson. 2,210,048; Aug. 6.
Case provided with a non-metallic surface, Cartridge. J. Korpiun. 2,196,018; Apr. 2.
Case shift mechanism for typewriting machines. H. A. Avery and J. P. Barkdoll. 2,206,016–17; July 2.
Case stacker. R. A. Scott. 2,212,702; Aug. 27.
Case structure, Display. S. Bloomfield. 2,217,725; Oct. 15.
Casement sash upper lock, Safety. W. B. Lang. 2,221,712; Nov. 12.
Cases from aluminum alloys, Manufacture of cartridge. R. Irmann. 2,220,652; Nov. 5.
Cases, Production of hollow metallic. J. B. Talbot-Crosbie and A. P. S. Macquisten. 2,193,891; Mar. 19.
Casing. J. Mandel. 2,225,958; Dec. 24.
Casing and connector assembly for an electrical unit. G. R. Vernon. 2,209,213; July 23.
Casing and making same, Moistureproof sausage. J. P. Smith and W. F. Henderson. 2,201,457; May 21.
Casing and tubing head. S. P. Tschappat. 2,185,479; Jan. 2.
Casing, Check pad. E. A. Haveles. 2,222,258; Nov. 19.
Casing construction. V. F. Dewey and J. N. McLoughlin. 2,187,490; Jan. 16.
Casing construction, Sectional. C. B. Akers. 2,203,808; June 11.
Casing for boreholes. J. W. Flude. 2,224,565; Dec. 10.
Casing for duplicating machines. L. Mestre. 2,216,692; Oct. 1.
Casing for mattresses and the like. L. J. Bennett. 2,201,361; May 21.
Casing for metallic vapor discharge devices. H. Scott. 2,217,421; Oct. 8.
Casing for Venetian blinds, Head. W. J. Stuber. 2,220,796; Nov. 5.
Casing hanger. R. T. Roye. 2,207,469; July 9.
Casing head. J. A. Jesson and S. C. Kyle. 2,207,255; July 9.
Casing head. A. J. and K. T. Penick. 2,187,839; Jan. 23.
Casing head. J. R. Yancey. 2,207,471; July 9.
Casing head equipment for bore holes or wells. L. M. C. Seamark. 2,192,805; Mar. 5.
Casing head, Safety. F. W. Hild. 2,186,139; Jan. 9.
Casing-head structure. H. F. Cypher. 2,202,192; May 28.
Casing joint. A. L. Stone. 2,211,179; Aug. 13.
Casing or cabinet structure for water heaters and the like. C. H. Morrow. 2,223,769; Dec. 3.
Casing perforator. C. C. Brown. 2,214,320; Sept. 10.
Casing perforator, Gun type well. B. Barnum. 2,216,151; Oct. 1.
Casing puller and cable guide. H. T. Provost. 2,213,228; Sept. 3.
Casing, Sash balance. O. L. Dautrick. 2,190,097; Feb. 13.
Casing, Switch. B. P. Pond. 2,204,695; June 18.
Casing, Three sided. P. Zalkind. 2,210,019; Aug. 6.
Casing, Vacuum cleaner. C. E. Stevens and C. L. Brown, Jr. 2,210,471; Aug. 6.
Casing, Well. H. N. Keener. 2,190,362; Feb. 13.
Casings and products thereof, Making metal. L. I. Yeomans. 2,212,383; Aug. 20.
Casings, Handling well. A. L. Armentrout. 2,188,589; Jan. 30.

Casings, Marking of. A. J. Freeman. 2,207,793; July 16.
Casings, Perforating well. H. M. Greene. 2,201,290; May 21.
Casings, Welding oil well. R. O. Moore. 2,220,773; Nov. 5.
Casein and similar plastics, Molding. J. A. Parsons. 2,186,881; Jan. 9.
Casein component of water paints. W. H. and W. F. Fales. 2,217,513; Oct. 8.
Casein paint and preparing the same. W. B. Kinney. 2,212,566; Aug. 27.
Casein plastics, Treating sheets or strips of. J. A. Parsons. 2,206,850; July 2.
Casein, Preparation of cooked acid. V. J. Lowe and A. W. Bean. 2,225,387; Dec. 17.
Casein, Production of. T. Koch. 2,206,357; July 2.
Casein products, Manufacture of. C. Schwartz. 2,215,137; Sept. 17.
Casein resin. J. J. Murray. 2,223,120; Nov. 26.
Casein solution, Preparing a. J. P. Alig. 2,200,353; May 14.
Caseinates, Preparing soluble. H. E. Otting. 2,225,506; Dec. 17.
Cash register. G. C. Coil. 2,213,101; Aug. 27.
Cash register. W. E. Eickman. 2,204,848; June 18.
Cash register. C. W. Green. 2,187,200; Jan. 16.
Cash register. H. Strotmann. 2,210,472; Aug. 6.
Cash register and accounting machine. J. E. Gates. Re. 21,442; May 7.
Cashew nut shell liquid, Treatment of. M. T. Harvey. 2,223,549; Dec. 3.
Casket handling device. J. F. Hickey. 2,198,997; Apr. 30.
Casket lowering and raising device. C. M. Hurlbut. 2,208,846; July 23.
Casket placer. J. R. Brady. 2,205,057; June 18.
Casket placer. J. R. Smetana. 2,201,057; May 14.
Casket receiving and placing device. A. J. Friel and J. H. Retz. 2,218,878; Oct. 22.
Cast and material for use in making same, Plaster of Paris. R. E. Reed. 2,195,342; Mar. 26.
Cast cutting guide. J. Ulman, Jr. 2,206,339; July 2.
Cast refractory with adequate porosity. B. Yoshiki. 2,224,498; Dec. 10.
Caster. A. A. Bouvier, J. Kostolecki, and W. E. Sherman. 2,188,648; Jan. 30.
Caster. V. Milich. 2,203,539; June 4.
Caster. V. Milich. 2,225,753; Dec. 24.
Caster cup, Adjustable furniture leg. H. A. Peterson. 2,206,120; July 2.
Caster socket structure. W. H. Noelting. 2,227,271; Dec. 31.
Casting. L. S. Deitz, Jr., and H. H. Weiser. 2,190,828; Feb. 20.
Casting. C. D. Galloway. 2,210,544; Aug. 6.
Casting. T. G. Jungersen. 2,200,449; May 14.
Casting apparatus. L. R. V. Clark. 2,215,065; Sept 17.
Casting apparatus. G. W. Elsey. 2,192,787; Mar. 5.
Casting apparatus. A. H. Jung. 2,204,498; June 11.
Casting apparatus. A. H. Jung. 2,212,987; Aug. 27.
Casting apparatus. H. E. McWane. 2,186,260; Jan. 9.
Casting apparatus. M. Robbins. 2,199,598; May 7.
Casting apparatus, Centrifugal. A. E. Moorhead. 2,189,290; Feb. 6.
Casting bobber. A. S. Johnson. 2,212,941; Aug. 27.
Casting, Continuous. J. O. Betterton and F. F. Poland. 2,195,809; Apr. 2.
Casting, Decarburized white iron. A. L. Boegehold. 2,225,968; Dec. 24.
Casting device. B. L. Hooper. 2,192,043; Feb. 27.
Casting device. C. Park. 2,192,754; Mar. 5.
Casting device for fish rods, Automatic. A. Martellucci. 2,218,045; Oct. 15.
Casting machine. E. G. Davis. 2,188,276; Jan. 23.
Casting machine. A. S. Kux. 2,214,638; Sept. 10.
Casting machine. R. H. Taylor. 2,208,612; July 23.
Casting machine, Multiple unit. J. J. Plessman. 2,223,385; Dec. 3.
Casting machine, Pig-metal. H. A. Jackson. 2,190,406; Feb. 13.
Casting mechanism. H. F. Hagemeyer. 2,186,019; Jan. 9.
Casting method. A. C. Dunn. 2,219,951; Oct. 29.
Casting method, Centrifugal. E. A. Nelson. 2,193,537; Mar. 12.
Casting press. H. F. Hagemeyer. 2,192,133; Feb. 27.
Casting press. K. F. Wagner. 2,206,211; July 2.
Casting, Pressure. T. E. Kihlgren. 2,215,905; Sept. 24.
Casting process, Continuous. S. Junghans. 2,225,416; Dec. 17.
Casting reel. S. G. Hirsch and G. M. Gaul. 2,224,080; Dec. 3.
Casting rod. L. C. Cole. 2,194,639; Mar. 26.
Casting rod. L. C. Cole. 2,226,897; Dec. 31.
Casting zinc alloy. A. Burkhardt. 2,189,054; Feb. 6.
Castings of aluminum alloys. P. Spitaler. 2,186,394; Jan. 9.
Castings, Making abrasive. W. Siegert. 2,204,453; June 11.
Castings, Production of composite. L. A. Kleber. 2,200,178; May 7.
Castings, Repairing cracked metallic. L. B. Scott. 2,195,741; Apr. 2.
Castings with continuous longitudinal hollow spaces, Continuous casting of. S. Junghans. 2,225,415; Dec. 17.
Castings with passages therein, Making. J. A. Johnson and K. Geigel. 2,211,854; Aug. 20.
Catadioptric device and manufacture thereof. E. W. Beck and V. Walker. 2,213,023; Aug. 27.
Catafalque. J. A. Badger. 2,226,044; Dec. 24.
Catafalque, Collapsible. M. Lange. 2,205,295; June 18.
Catalyst and its production. E. D. Crittenden. 2,197,707; Apr. 16.
Catalyst and making olefin oxides. R. W. McNamee, H. C. Chitwood, and G. H. Law. 2,219,575; Oct. 29.
Catalyst and preparing the same. F. W. de Jahn. 2,191,981; Feb. 27.
Catalyst and preparing the same, Hydrogenation. R. W. Martin. 2,207,868; July 16.
Catalyst and producing same and employing said catalyst in hydrogenation reactions. C. W. Lenth and R. N. Du Puis. 2,201,235; May 21.
Catalyst and producing the same. W. L. Semon. 2,204,157; June 11.
Catalyst chamber and catalyst regeneration system. W. B. Plummer. 2,223,268; Nov. 26.
Catalyst, Dehydrogenation. H. P. A. Groll and J. Burgin. 2,217,865; Oct. 15.
Catalyst disposal, Solid. B. H. Shoemaker. 2,223,643; Dec. 3.
Catalyst for chemical reactions in which participate carbon oxides. G. Natta. 2,193,464; Mar. 12.
Catalyst for oxidation reactions, preparation of a. E. R. Littmann. 2,214,930; Sept. 17.
Catalyst for use in preparing chlorine. F. W. de Jahn. 2,191,980; Feb. 27.
Catalyst generation. A. Vorhies, Jr. 2,215,304; Sept. 17.
Catalyst granules used for oxidation of ammonia, Restoring efficiency of thin beds of. V. M. Stowe. 2,222,884; Nov. 26.
Catalyst, Nickel borate. L. Heard. 2,193,814; Mar. 19.
Catalyst, Preparing a cadmium meta phosphate. W. H. Groombridge and T. P. Dee. 2,206,226; July 2.
Catalyst production. J. Turkevich and R. F. Ruthruff. 2,211,302; Aug. 13.
Catalyst regeneration. R. E. Burk. 2,226,548; Dec. 31.
Catalyst regeneration. E. V. Murphree. 2,199,837; May 7.
Catalyst regeneration. C. W. Tyson and C. E. Hemminger. 2,199,838; May 7.
Catalyst, Treatment of ethyl chloride. A. C. Keyl and R. D. Blue. 2,209,981; Aug. 6.
Catalysts, Activation of silver. G. H. Law and H. C. Chitwood. 2,194,602; Mar. 26.
Catalysts and preparing them. L. Heard. 2,205,140; June 18.
Catalysts in lump form, Preparing improved hydrogenation. C. L. Brown and W. H. Jones. 2,192,125; Feb. 27.
Catalysts, Manufacture of. H. S. Bloch and C. L. Thomas. 2,216,262; Oct. 1.
Catalysts, Manufacture of. V. N. Ipatieff and B. B. Corson. 2,211,208; Aug. 13.
Catalysts, Preparation of. H. Heckel and O. Roelen Oberhausen-Holten. 2,219,042; Oct. 22.
Catalysts, Preparing. W. E. Spicer. 2,209,492; July 30.
Catalysts, Production of shaped. M. Pier and E. Anthes. 2,204,619; June 18.
Catalysts, Reaction of metal. V. N. Ipatieff and B. B. Corson. 2,225,782; Dec. 24.
Catalysts, Reactivating. L. S. Kassel. 2,211,211; Aug. 13.
Catalysts, Reactivating. G. E. Liedholm. 2,225,402; Dec. 17.
Catalysts, Reactivation of spent hydrogenation. V. E. Wellman and W. L. Semon. 2,208,616; July 23.
Catalysts, Reclaiming. W. E. Spicer and R. N. Watts. 2,204,193; June 11.
Catalysts, Regeneration of spent. O. Roelen and F. Hanisch. 2,215,885; Sept. 24.
Catalysts revivification. J. W. Bertetti. 2,215,868; Sept. 24.
Catalysts, Treatment of. V. N. Ipatieff and L. Schmerling. 2,211,207; Aug. 13.
Catalysts, Treatment of. B. D. Wells. 2,225,811; Dec. 24.
Catalysts used in the dehydrogenation of organic compounds, Reactivation of. H. P. A. Groll and J. Burgin. 2,198,195; Apr. 23.
Catalytic activity of a metallic nickel hydrogenation catalyst, Preserving the. H. R. Arnold. 2,205,552; June 25.
Catalytic apparatus. C. Pleydell-Bouverie and O. D. Lucas. 2,190,548; Feb. 13.
Catalytic converter. E. S. Ridler and A. S. Weygandt. 2,195,738; Apr. 2.
Catalytic condensation of hydrocarbons. R. D. Pinkerton and W. Mendius. 2,212,951; Aug. 27.
Catalytic cracking and cracking catalysts. F. H. Blunck. 2,206,021; July 2.
Catalytic dehydrogenation. C. M. Thacker. 2,211,219; Aug. 13.
Catalytic dehydrogenation and the like. L. Heard. 2,193,815; Mar. 19.
Catalytic isomerization of normal paraffinic hydrocarbons. J. H. Bartlett. 2,216,221; Oct. 1.

Catalytic material for lighters. G. P. Schmitt. 2,186,995; Jan. 16.
Catalytic operations, Conducting. T. P. Simpson, J. W. Payne, and J. A. Crowley, Jr. 2,209,040; July 23.
Catalytic process and catalyst therefor. A. S. Carter. 2,219,379; Oct. 29.
Catalytic process for polymerizing fatty oils. S. O. Sorensen and J. C. Konen. 2,213,935; Sept. 3.
Catalytic processes, Control of. G. S. Dunham and E. Utterback. 2,224,014; Dec. 3.
Catalytic production of aryl-naphthyl amines. P. W. Carleton. 2,213,204; Sept. 3.
Catalytic reaction. J. H. Shapleigh. Re. 21,521; July 30.
Catalytic reaction, Method and apparatus for. T. P. Simpson, J. W. Payne, and J. A. Crowley, Jr. 2,222,304; Nov. 19.
Catalytic reactor, Horizontal. G. D. Dill. 2,218,604; Oct. 22.
Catalytic septa, Production of. W. J. Hale. 2,206,773; July 2.
Catalytic surfaces, Actuating. M. H. Gwynn. 2,191,464; Feb. 27.
Catalyzer. D. Balachowsky. 2,206,685; July 2.
Catalyzer and preparing it. J. S. Streicher. 2,200,522; May 14.
Catch. G. W. Aldeen. 2,208,486; July 16.
Catch. E. Kun. 2,203,202; June 4.
Catch. M. V. Mussa. 2,202,916; June 4.
Catch and lock, Combination door. H. B. Gallinger. 2,192,261; Mar. 5.
Catch, Coach lock safety. A. G. Campbell. 2,194,005; Mar. 19.
Catch, Door. A. Ronning. 2,203,580; June 4.
Catch for vertically sliding doors, Safety. H. C. Blodgett. 2,185,828; Jan. 2.
Catch for wrist watch straps, Safety. I. Gerstenblith. 2,220,642; Nov. 5.
Catch, Friction. A. L. Fryer. 2,185,503; Jan. 2.
Catch means for power operated casket-carrying tables or the like, Releasable. P. O. Krogh. 2,196,265; Apr. 9.
Catch mechanism, Vehicle door. W. K. Pacy. 2,195,282; Mar. 26.
Catch or joint, Making a pin stem. E. Morehouse. 2,186,682; Jan. 9.
Catch or joint, Pin stem. E. Morehouse. 2,186,681; Jan. 9.
Catch, Pressure. C. R. Crosno. 2,206,346; July 2.
Catch, Spring. H. H. Raymond. 2,211,290; Aug. 13.
Catgut, Manufacture of sterilized. J. Buchgraber. 2,215,453; Sept. 24.
Cathautograph. A. B. Du Mont. 2,185,705; Jan. 2.
Cathead construction. D. L. Butler. 2,218,742; Oct. 22.
Cathead, Safety. G. D. Steel. 2,189,373; Feb. 6.
Catheter. F. C. Hendrickson. 2,211,975; Aug. 20.
Catheter. G. W. Wallerich. 2,212,334; Aug. 20.
Catheter. G. L. Winder. 2,210,744; Aug. 6.
Catheter, Urethral. I. R. Egbert. 2,213,210; Sept. 3.
Cathode. E. F. Hennelly. 2,210,761; Aug. 6.
Cathode. F. W. Lyle. 2,208,380; July 16.
Cathode. E. Müller. 2,217,448; Oct. 8.
Cathode alloy. E. G. Widell. 2,223,862; Dec. 3.
Cathode and making same. J. D. Beebe. 2,219,217; Oct. 22.
Cathode, Crater. G. S. Evans. 2,189,629; Feb. 6.
Cathode disintegration apparatus. B. Berghaus and W. Burkhardt. 2,219,613; Oct. 29.
Cathode for cathode ray tubes, Glow. P. Görlich and M. Ploke. 2,216,942; Oct. 8.
Cathode for cathode ray tubes, Hot. K. Schlesinger. 2,227,017; Dec. 31.
Cathode for electron discharge devices. V. O. Allen. 2,204,391; June 11.
Cathode for electron discharge devices. V. O. Allen. 2,208,920; July 23.
Cathode for electron discharge devices. E. G. Widell. 2,192,491; Mar. 5.
Cathode for electron tubes. G. S. Evans. 2,217,436; Oct. 8.
Cathode for electron tubes, Long life. D. D. Knowles and G. S. Evans. 2,189,636; Feb. 6.
Cathode for electronic tubes. D. D. Knowles. 2,210,674; Aug. 6.
Cathode for high power, Hot. A. Etzrodt. 2,212,827; Aug. 27.
Cathode for gas or vapor discharge tubes. E. F. Lowry. 2,208,467; July 16.
Cathode heater, High voltage. R. M. Somers. 2,194,678; Mar. 26.
Cathode manufacture. S. Umbreit. 2,209,708; July 30.
Cathode materials, Producing. F. Herriger. 2,214,902; Sept. 17.
Cathode multiplier, Split. P. T. Farnsworth. 2,217,860; Oct. 15.
Cathode, Photoelectric. L. E. Flory. 2,189,322; Feb. 6.
Cathode ray apparatus. E. Busse. 2,188,647; Jan. 30.
Cathode ray apparatus. D. J. Mynall. 2,219,193; Oct. 22.
Cathode ray control apparatus. G. Hepp. 2,217,409; Oct. 8.
Cathode ray deflecting circuit. K. Schlesinger. 2,188,580; Jan. 30.
Cathode ray deflecting device. A. Blain. 2,207,777; July 16.
Cathode ray deflecting means. K. Schlesinger. 2,227,020; Dec. 31.
Cathode ray deflecting system. A. W. Vance. 2,207,499; July 9.
Cathode ray device. C. J. Davisson. 2,217,197–8; Oct. 8.
Cathode ray device. H. E. Hollmann. 2,189,583; Feb. 6.
Cathode ray device. F. Klauer. 2,225,455; Dec. 17.
Cathode-ray oscillograph. M. Knoll. 2,227,189; Dec. 31.
Cathode ray projection tube. E. Ruska, W. Reichel, and R. Colberg. 2,201,245; May 21.
Cathode ray sweep circuit. F. Gray. 2,209,199; July 23.
Cathode ray sweep circuit. L. R. Philpott. 2,218,549; Oct. 22.
Cathode ray switch. A. Karolus and F. Schröter. 2,202,527; May 28.
Cathode ray system. J. V. L. Hogan. 2,212,640; Aug. 27.
Cathode ray television apparatus with adjustable size of the image point. K. Schlesinger. 2,227,005; Dec. 31.
Cathode ray transmitting tube. M. Abrahamsohn. 2,202,614; May 28.
Cathode ray tube. O. Baier. 2,195,914; Apr. 2.
Cathode ray tube. G. B. Banks. 2,203,483; June 4.
Cathode ray tube. F. R. Benedict. 2,208,406; July 16.
Cathode ray tube. A. Bouwers. 2,211,843; Aug. 20.
Cathode ray tube. R. M. Bowie. 2,211,613; Aug. 13.
Cathode ray tube. G. F. Brett. 2,211,844; Aug. 20.
Cathode ray tube. L. F. Broadway and O. Klemperer. 2,213,688; Sept. 3.
Cathode ray tube. L. F. Broadway and W. F. Tedham. 2,194,380; Mar. 19.
Cathode ray tube. C. S. Bull. 2,223,908; Dec. 3.
Cathode-ray tube. P. S. Christaldi. 2,225,099; Dec. 17.
Cathode-ray tube. A. B. DuMont and A. J. Hinck, Jr. 2,186,635; Jan. 9.
Cathode ray tube. D. W. Epstein. 2,185,590; Jan. 2.
Cathode ray tube. D. W. Epstein. 2,206,666; July 2.
Cathode ray tube. D. Gabor. 2,197,523; Apr. 16.
Cathode ray tube. D. Gabor. 2,212,396; Aug. 20.
Cathode ray tube. D. Gabor and L. Rushforth. 2,185,807; Jan. 2.
Cathode ray tube. R. H. George. 2,222,942; Nov. 26.
Cathode ray tube. P. Görlich. 2,186,636; Jan. 9.
Cathode ray tube. P. Görlich and M. Ploke. 2,209,159; July 23.
Cathode ray tube. L. B. Headrick. 2,202,631; May 28.
Cathode ray tube. W. Hinsch. 2,227,087; Dec. 31.
Cathode ray tube. O. Klemperer. 2,227,092; Dec. 31.
Cathode ray tube. M. Knoll and J. Schloemilch. 2,195,460; Apr. 2.
Cathode ray tube. F. H. Nicoll. 2,219,111; Oct. 22.
Cathode ray tube. W. Rogowski and P. Deserno. 2,196,838; Apr. 9.
Cathode ray tube. A. Rose. 2,214,973; Sept. 17.
Cathode ray tube. K. Schlesinger. 2,188,581; Jan. 30.
Cathode ray tube. K. Schlesinger. 2,227,003; Dec. 31.
Cathode ray tube. K. Schlesinger. 2,227,032; Dec. 31.
Cathode ray tube. K. Schlesinger. 2,227,034; Dec. 31.
Cathode ray tube. F. Schröter. 2,210,987; Aug. 13.
Cathode ray tube. E. Steudel. 2,215,199; Sept. 17.
Cathode ray tube. E. Steudel and J. Johannesson. 2,220,181; Nov. 5.
Cathode ray tube. M. C. Teves, H. H. Kraak, and M. Bandringa. 2,197,625; Apr. 16.
Cathode ray tube. P. M. G. Toulon. 2,213,060; Aug. 27.
Cathode ray tube. M. von Ardenne. 2,185,239; Jan. 2.
Cathode ray tube and the like. R. M. Bowie. 2,211,614; Aug. 13.
Cathode ray tube apparatus. R. S. Holmes. 2,223,990; Dec. 3.
Cathode ray tube arrangement. G. R. Tingley. 2,220,303; Nov. 5.
Cathode ray tube circuit. H. Rinia. 2,218,720; Oct. 22.
Cathode ray tube deflecting circuit. K. R. Wendt 2,207,389; July 9.
Cathode ray tube for television picture scanning. F. Schröter. 2,185,609; Jan. 2.
Cathode ray tube oscillograph apparatus. L. M. Myers and R. Cadzow. 2,219,902; Oct. 29.
Cathode ray tube system. R. Lorenzen. 2,217,758; Oct. 15.
Cathode ray tube, Television. K. Schlesinger. 2,227,016; Dec. 31.
Cathode ray tube television and like apparatus. E. L C. White and C. L. Faudell. 2,222,426; Nov. 19.
Cathode ray tubes, Magnetic focusing of. D. J. Mynall. 2,219,194; Oct. 22.
Cathode ray tubes, Operating. H. Bähring. 2,224,587; Dec. 10.
Cathode-ray-type direction finder. J. P. Jeffcock. 2,213,863; Sept. 3.
Cathode sleeve for thermionic valves. H. Kershaw. 2,220,909; Nov. 12.
Cathode sleeves for thermionic valves, Producing. H. Kershaw. 2,220,910; Nov. 12.
Cathode structure, Thermionic. T. A. Elder. 2,201,720–1; May 21.
Cathode structure, Thermionic. A. W. Hull. 2,201,730; May 21.
Cathode support, Vacuum tube. C. M. Wheeler and G. E. Dequevauviller. 2,226,680; Dec. 31.
Cathode, Thermionic. H. Gooskens. 2,218,381; Oct. 15.

Cation exchange, Effecting. H. Wassenegger and K. Jaeger. 2,204,539; June 11.
Caustic, Concentration of. I. E. Muskat. 2,196,594; Apr. 9.
Caustic, Producing anhydrous. I. E. Muskat. 2,196,593; Apr. 9.
Caustic, Purifying. I. E. Muskat. 2,196,595; Apr. 9.
Cautery handle. W. A. Arnesen. 2,200,322; May 14.
Ceiling construction. T. B. Munroe. 2,218,992; Oct. 22.
Ceiling hanger. W. M. Judge and K. M. Butler. 2,186,607; Jan. 9.
Ceiling structure. P. Carilli. 2,188,527; Jan. 30.
Ceiling, Ventilating. W. I. Lucius. 2,221,001; Nov. 12.
Ceiling washing implement. A. Grigas. 2,187,585; Jan. 16.
Celery into short lengths, Method and apparatus for cutting whole stalks of. W. E. and J. R. Urschel. 2,215,535; Sept. 24.
Cell and electrode therefor, Air depolarized. E. A. Schumacher and G. W. Heise. 2,207,763; July 16.
Cell, Dry. A. H. Redfern. 2,200,862; May 14.
Cell, Electric. G. W. Heise and E. A. Schumacher. 2,207,734; July 16.
Cell, Electrolytic. G. C. Gaut and D. J. P. Phillips. 2,190,285; Feb. 13.
Cell, Electrolytic. G. C. Gaut, D. J. P. Phillips, and B. F. Huggins. 2,190,286; Feb. 13.
Cell, Photoelectric. G. W. Walton. 2,193,953; Mar. 19.
Cell, Potential-producing. S. Ruben. 2,200,301; May 14.
Cells, Depolarization of primary. L. A. Kline. 2,189,666; Feb. 6.
Cellular materials, Preparing. E. H. Haux. 2,191,658; Feb. 27.
Cellulose acetate composition. H. L. Wampner and C. Bogin. 2,202,804; May 28.
Cellulose acetate of 58–60% acetyl content, Fibrous acetone soluble. G. W. Seymour and B. B. White. 2,203,699; June 11.
Cellulose and making the same, Organic esters of. G. Schneider. 2,192,277; Mar. 5.
Cellulose and producing same, Wood. L. E. Goff, L. M. Sheldon, M. L. Herzog, and F. Olsen. 2,187,710; Jan. 16.
Cellulose, Bleaching. E. Scheller. 2,219,432; Oct. 29.
Cellulose, Bleaching. L. M. Sheldon. 2,190,274; Feb. 13.
Cellulose, Bleaching. M. Steinschneider and E. Knopf. 2,193,301; Mar. 12.
Cellulose derivative composition. S. L. Bass and E. C. Britton. 2,189,338; Feb. 6.
Cellulose derivative composition. H. J. Tattersall. 2,202,124; May 28.
Cellulose derivative composition, Plasticized. J. B. Dickey and J. G. McNally. 2,196,751; Apr. 9.
Cellulose derivative compositions. S. L. Bass and E. G. Hallonquist. 2,196,575; Apr. 9.
Cellulose derivative compositions. S. L. Bass, T. A. Kauppi, and F. B. Smith. 2,189,337; Feb. 6.
Cellulose derivative compositions of matter and articles produced therefrom. J. A. Mitchell. 2,216,827; Oct. 8.
Cellulose derivative compositions, Plasticized. J. B. Dickey and J. G. McNally. 2,196,746; Apr. 9.
Cellulose derivative compositions, Plasticized. J. B. Dickey. 2,196,749; Apr. 9.
Cellulose derivative emulsions. A. Dreyling and W. W. Lewers. 2,190,705; Feb. 20.
Cellulose derivative emulsions. A. Dreyling and W. W. Lewers. 2,216,233; Oct. 1.
Cellulose derivative materials, Treating. J. B. Dickey. 2,196,752; Apr. 9.
Cellulose derivative materials, Treating. J. B. Dickey and J. G. McNally. 2,196,754; Apr. 9.
Cellulose derivative materials, Treating. J. B. Dickey and J. B. Normington. 2,196,758; Apr. 9.
Cellulose derivatives. J. F. Haskins. 2,190,451; Feb. 13.
Cellulose derivatives and other colloidal substances, Manufacture of. J. E. Jones, J. Y. Davies, and J. F. Neilson. 2,208,637; July 23.
Cellulose derivatives, Dyeing of. P. C. E. J. Corbière. 2,190,825; Feb. 20.
Cellulose derivatives, Preparation of. J. Fleischer and W. A. Bailey, Jr. 2,191,525; Feb. 27.
Cellulose ester compositions. H. B. Smith. 2,209,357; July 30.
Cellulose ester, Production of. G. W. Seymour and B. B. White. 2,203,748; June 11.
Cellulose esters of high acyl value, Preparation of. G. W. Seymour and B. B. White. 2,203,700; June 11.
Cellulose esters, Preparation of. C. J. Malm and L. W. Blanchard, Jr. 2,193,033; Mar. 12.
Cellulose esters, Purification of. J. S. Tinsley. 2,214,943; Sept. 17.
Cellulose ether and ester materials, Sizing of. H. S. Bosland. 2,192,219; Mar. 5.
Cellulose ether composition. E. L. Kropscott. 2,226,823; Dec. 31.
Cellulose ether product, Regenerated. D. C. Ellsworth. 2,190,445; Feb. 13.
Cellulose etherification process. F. C. Hahn. 2,203,869; June 11.
Cellulose ethers. F. C. Hahn. 2,190,450; Feb. 13.
Cellulose ethers, Stabilization of. E. V. White. 2,218,566; Oct. 22.
Cellulose fiber, Producing free. G. M. von Hassel. 2,205,704; June 25.
Cellulose fibers in peroxide baths, Bleaching of. K. Jellinek. 2,193,173; Mar. 12.
Cellulose for etherification, Preparation of. C. J. Malm and L. W. Blanchard, Jr. 2,211,337; Aug. 13.
Cellulose impregnated and coated fabric, Cupric. C. B. White. 2,186,713; Jan. 9.
Cellulose, Manufacture of. H. Dreyfus. 2,214,125; Sept. 10.
Cellulose, Manufacture of acetyl. C. J. Malm. 2,206,288; July 2.
Cellulose materials by means of hydrochloric acid, Converting. E. Neu. 2,220,846; Nov. 5.
Cellulose materials, Purifying. N. W. Coster. 2,195,396; Apr. 2.
Cellulose, Nitrating. L. S. Baker and R. J. Quaid. 2,219,644; Oct. 29.
Cellulose organic derivative compositions containing glycol tetrahydrofuroates. J. B. Dickey and J. B. Normington. 2,186,632; Jan. 9.
Cellulose organic derivative compositions containing tetrahydrofurfuryl tetrahydrofuroate. J. B. Dickey and J. B. Normington. 2,186,631; Jan. 9.
Cellulose pigment, Preparing. C. L. Fletcher and G. A. Kirton. 2,218,235; Oct. 15.
Cellulose, Pretreatment of. C. R. Caryl. 2,218,448; Oct. 15.
Cellulose product. B. W. Rowland. 2,186,709; Jan. 9.
Cellulose textile materials, Sizing and desizing of regenerated. H. S. Bosland. 2,192,218; Mar. 5.
Cellulose, Treating wood. L. M. Sheldon, L. E. Goff, M. L. Herzog, and F. Olsen. 2,185,776; Jan. 2.
Cellulosic articles, Plasticizing. F. M. Meigs. 2,191,896–7; Feb. 27.
Cellulosic fibers having affinity for acid dyes, Producing. K. Kösslinger, H. Klare, and H. Rein. 2,200,452; May 14.
Cellulosic fibrous materials, Treating. W. B. Pratt. 2,220,804; Nov. 5.
Cellulosic material and abrasive article and making the same, Sheeted. B. S. Cross. 2,226,553; Dec. 31.
Cellulosic material bonded to rubber and method of producing the bond, Artificial. W. H. Charch. 2,211,945; Aug. 20.
Cellulosic material bonded to rubber and producing the bond, Artificial. A. Hershberger. 2,211,948–51; Aug. 20.
Cellulosic material bonded to rubber and producing the bond, Artificial. A. Hershberger. 2,224,679; Dec. 10.
Cellulosic material bonded to rubber and producing the bond, Artificial. D. B. Maney. 2,211,959; Aug. 20.
Cellulosic material bonded to rubber and producing the bond, Artificial. F. M. Meigs. 2,211,960; Aug. 20.
Cellulosic material bonded to rubber and producing the bond, Artificial. A. P. Tanberg. 2,211,964; Aug. 20.
Cellulosic material, Chemical pulping of raw. G. A. Richter. 2,190,194; Feb. 13.
Cellulosic material, Dyed. J. G. Evans, H. A. Piggott, R. J. W. Reynolds, J. D. Rose, and E. E. Walker. 2,203,492; June 4.
Cellulosic material, Laminated. E. C. Hughes. 2,223,240; Nov. 26.
Cellulosic material, Preservation of fibrous. E. R. Boller. 2,204,066; June 11.
Cellulosic material, Purifying. J. L. McCarthy, H. Hibbert and G. H. Tomlinson. 2,226,356; Dec. 24.
Cellulosic material, Treatment of. J. G. Evans, H. A. Piggott, R. J. W. Reynolds, J. D. Rose, and E. E. Walker. 2,203,493; June 4.
Cellulosic materials, Production of. H. Dreyfus. 2,186,101; Jan. 5.
Cellulosic materials such as paper and fabrics to make them resistant to water, Treatment of. T. L. Osborne. 2,203,231; June 4.
Cellulosic or wood products, Manufacture of compressed. H. K. Linzell and J. W. Gill. 2,198,269; Apr. 23.
Cellulosic pellicles coated with antisticking agent. J. D. Pollard. 2,206,046; July 2.
Cellulosic pellicles, Producing moistureproof. A. W. Staudt. 2,201,747; May 21.
Cellulosic product. C. A. Fourness and K. Harwood. 2,194,301; Mar. 19.
Cellulosic product and preparing same. E. F. Izard. 2,211,931; Aug. 20.
Cellulosic product and producing same. J. F. Haskins. 2,202,003; May 28.
Cellulosic product and producing same. H. Lohmann. 2,223,893; Dec. 3.
Cellulosic structure and making the same. W. W. Heckert, 2,191,887; Feb. 27.
Cellulosic structure and producing same. F. M. Meigs. 2,191,894; Feb. 27.
Cellulosic structure and producing same. F. T. Peters. 2,221,383; Nov. 12.
Cellulosic structures,, Plasticizing. F. M. Meigs. 2,191,895; Feb. 27.
Cement. W. E. Tyler, T. R. Douglas, P. R. Chamberlain, and R. A. Loveland. 2,194,777; Mar. 26.
Cement, Acid and water proof. F. D. Snell. 2,195,586; Apr. 2.
Cement, Acoustic. H. D. Geyer. 2,209,451; July 30.
Cement and cementing operation. G. E. Cannon and J. L. Foster. 2,188,767; Jan. 30.

Cement and its manufacture, Portland. I. C. Bechtold. 2,225,146; Dec. 17.
Cement and making same, Waterproof, quick-setting adhesive Portland. L. L. Smith. 2,187,668; Jan. 16.
Cement and making the same, Organic polysulphide. J. C. Patrick. 2,206,643; July 2.
Cement and preparing the same. A. W. Browne. 2,226,541; Dec. 31.
Cement and similar materials, Method of and apparatus for treating. F. Schubert. 2,209,636; July 30.
Cement and the like, Aerating. N. Ahlmann. 2,220,193; Nov. 5.
Cement block. F. Kraemer. 2,205,419; June 25.
Cement clinkers, Quenching Portland. H. E. Kaiser. Re. 21,633; Nov. 26.
Cement cooler. J. E. Curtis. 2,209,561; July 30.
Cement-forming material, Producing a. C. S. Fox. 2,197,688; Apr. 16.
Cement, Hauling bulk. M. Lintz. 2,222,083; Nov. 19.
Cement in a bore hole, Locating detectable. S. E. Buckley. 2,220,205; Nov. 5.
Cement manufacture. C. H. Breerwood. 2,214,715–7; Sept. 10.
Cement manufacture. G. C. Wilsnack. 2,186,792; Jan. 9.
Cement, Manufacture of Portland. I. C. Bechtold. 2,203,809; June 11.
Cement manufacture, Portland. I. C. Bechtold. 2,225,147; Dec. 17.
Cement, Pelletized Portland. I. C. Bechtold. 2,221,175; Nov. 12.
Cement, Plastic Portland. I. C. Bechtold. 2,225,148; Dec. 17.
Cement, Portland. I. C. Bechtold and H. E. Kaiser. 2,225,149; Dec. 17.
Cement, Portland. I. C. Bechtold and H. E. Kaiser. 2,225,150; Dec. 17.
Cement, Producing white. O. Schwachheim. 2,201,143; May 21.
Cement, Refractory. N. P. Pitt and W. Gallay. 2,210,327; Aug. 6.
Cement retainer. R. C. Baker. 2,189,697; Feb. 6.
Cement retainer. R. C. Baker and T. M. Ragan. 2,187,482; Jan. 16.
Cement retainer. L. Mize. 2,222,233; Nov. 19.
Cement, Viscose. J. W. Garrison. 2,206,692; July 2.
Cementing apparatus. C. C. Brown. 2,197,920; Apr. 23.
Cementing head. D. Scaramucci. 2,223,388; Dec. 3.
Cementing hook. H. L. Strader. 2,218,728; Oct. 22.
Cementing machine. A. Soltan. 2,205,443; June 25.
Cementing machine, Turn shoe. W. L. MacKenzie. 2,197,109; Apr. 16.
Cementing plug. J. J. Santiago. 2,221,204; Nov. 12.
Cementing plug, Oil well. F. Maines. 2,197,396; Apr. 16.
Cementitious material. D. S. Hubbell. 2,218,679; Oct. 22.
Cementitious material and making the same. F. J. Licata. 2,211,140; Aug. 13.
Cementitious product, Water-resistant. G. D. King and T. P. Camp. 2,198,776; Apr. 30.
Center punch gauge. A. M. Mosher. 2,197,505; Apr. 16.
Centering aligning device. F. Turrettini. 2,201,935; May 21.
Centering apparatus. O. J. and W. L. Norton. 2,199,893; May 7.
Centering device. J. Kartarik. 2,224,480; Dec. 10.
Centering device for hearth bread pan sets. J. G. Jackson. 2,188,549; Jan. 30.
Centering means for drilling machine spindles. G. Möller. 2,202,222; May 28.
Centering means for drilling machine spindles. G. Möller. 2,204,811; June 18.
Central heating boiler. J. V. Gudmand-Høyer and E. K. D. Hansen. 2,213,189; Sept. 3.
Centralizer and protector for an oil well string. R. B. Prentice. 2,188,119; Jan. 23.
Centralizer for drill steels. G. H. Fuehrer. 2,204,352; June 11.
Centralizer for drill steels. G. H. Fuehrer. 2,214,789; Sept. 17.
Centrifugal air cleaner. F. A. Donaldson. 2,193,479; Mar. 12.
Centrifugal apparatus. W. Hoffman. 2,206,401; July 2.
Centrifugal apparatus for cleaning and conditioning air. H. McCornack. 2,187,573; Jan. 16.
Centrifugal clutch. W. A. Whatmough. 2,203,117; June 4.
Centrifugal control. J. H. Staley. 2,204,325; June 11.
Centrifugal device. W. Schaelchlin and F. R. J. Davis. 2,210,687; Aug. 6.
Centrifugal electrical switch. C. C. Steel. 2,212,800; Aug. 27.
Centrifugal extractor. G. W. Dunham. 2,219,177; Oct. 22.
Centrifugal extractor. R. Little, F. W. Fraim, and J. F. Tholl. 2,186,704; Jan. 9.
Centrifugal force indicating means for shafts, golf clubs, and the like. L. T. Stumpf. 2,223,647; Dec. 3.
Centrifugal machine. A. U. Ayres. 2,209,723; July 30.
Centrifugal machine for separating gold and mineral particles from metallurgical pulps. S. W. Lack. 2,193,730; Mar. 12.
Centrifugal machine for the separation of solid and liquid materials. C. E. Harvey. 2,200,202; May 7.
Centrifugal mechanism. T. A. Bryson. 2,199,847–8; May 7.
Centrifugal, Multiple drum. T. A. Bryson. 2,199,849; May 7.
Centrifugal pump. O. H. Dorer. 2,219,098; Oct. 22.
Centrifugal pump. W. J. Gear. 2,207,317; July 9.
Centrifugal pump. E. M. Greenlee and J. S. Knittel. 2,203,958; June 11.
Centrifugal pump. J. Mann. 2,190,670; Feb. 20.
Centrifugal pump. J. Mann. 2,193,826; Mar. 19.
Centrifugal pump. E. J. Otken. 2,189,081; Feb. 6.
Centrifugal pump. A. C. Saxe. 2,222,725; Nov. 26.
Centrifugal pump. L. S. Sheldrick. 2,191,917; Feb. 27.
Centrifugal pump, Series-parallel. A. Hollander. 2,207,220; July 9.
Centrifugal separating device. S. A. Richardson. 2,201,301; May 21.
Centrifugal separator. G. H. Anderson. 2,210,054; Aug. 6.
Centrifugal separator. G. H. Andersson. 2,197,911; Apr. 23.
Centrifugal separator. G. D. Arnold. 2,222,930; Nov. 26.
Centrifugal separator. W. H. Bath. 2,209,554; July 30.
Centrifugal separator. C. A. Brock. 2,188,031; Jan. 23.
Centrifugal separator. H. E. Korum. 2,203,532; June 4.
Centrifugal separator. H. O. Lindgren. 2,195,730; Apr. 2.
Centrifugal separator. H. O. Lindgren. 2,216,442; Oct. 1.
Centrifugal separator. G. J. Strezynski. 2,185,279; Jan. 2.
Centrifugal separator. J. F. Tholl. 2,195,710; Apr. 2.
Centrifugally actuated device. J. J. McCabe. 2,187,207; Jan. 16.
Centrifuge. H. G. Levy. 2,202,157; May 28.
Centrifuge, Continuous action. H. E. Jacoby. 2,210,978; Aug. 13.
Centrifuge for clarifying and standardizing milk. S. H. Hall. 2,214,831; Sept. 17.
Centrifuge tube. H. G. Levy. 2,198,256; Apr. 23.
Centrifuging electrically heated furnace. R. Esnault-Pelterie. 2,216,567; Oct. 1.
Ceramic article. P. C. Kingsbury. 2,201,684; May 21.
Ceramic articles, Molding. R. W. Erdle. 2,196,258; Apr. 9.
Ceramic bodies, Forming. H. J. Galey. 2,215,214; Sept. 17.
Ceramic bodies, Forming fluid previous. E. T. Hermann. 2,215,962; Sept. 24.
Ceramic body. T. G. McDougal, A. H. Fessler and K. Schwartzwalder. 2,218,584; Oct. 22.
Ceramic body for spark plug insulators. T. G. McDougal, A. H. Fessler, and H. B. Barlett. 2,214,931; Sept. 17.
Ceramic coated article. W. J. Scott. 2,211,170; Aug. 13.
Ceramic composition, Wear-resistant. W. B. Donahue. 2,204,582; June 18.
Ceramic dielectrics, Manufacture of. W. Rath, and H. Handrek. 2,215,478; Sept. 24.
Ceramic material. L. Navias. 2,220,774–5; Nov. 5.
Ceramic or vitreous ware, Manufacturing. A. O. Austin. 2,224,853; Dec. 17.
Ceramic products, Manufacture of. N. S. Garbisch. 2,215,215; Sept. 17.
Ceramic support. A. L. Davis. 2,201,989; May 28.
Ceramic ware, Forming. R. E. Gould and D. A. Deaderick. 2,221,794; Nov. 19.
Ceramic ware, Glazing. B. A. Jeffery. 2,209,624; July 30.
Cereal and making the same, Expanded farinaceous. C. E. Felt and L. J. Huber. 2,188,180; Jan. 23.
Cereal, Exploded. W. J. Plews. 2,190,949; Feb. 20.
Cereal grinding. G. F. Ritter and S. F. Sawyer. 2,199,030; Apr. 30.
Cereal grinding mill. E. G. Berry and W. M. Williams. 2,202,892; June 4.
Cereal product and the like, Candy coating. J. L. Kellogg. 2,196,395; Apr. 9.
Cereal products, Stabilizing toasted. S. Musher. 2,198,205; Apr. 23.
Cereals for rapid filtration and recovery of grain solubles, Processing. H. G. Atwood. 2,222,306; Nov. 19.
Cerium sulphate, Preparation of. L. Weiss. 2,222,924; Nov. 26.
Certificate holder. A. O. Cobbs. 2,198,718; Apr. 30.
Cevitamate solution. E. H. Stuart. 2,187,467; Jan. 16.
Chaffing device, Auxiliary. A. Woehlert. 2,216,657; Oct. 1.

Chain: *See*—

- Antiskid chain.
- Cutter chain.
- Drive chain.
- Drive chain.
- Key chain.
- Link chain.
- Mooring chain.
- Ornamental chain.
- Potato digger chain.
- Roller chain.
- Silent chain.
- Skid chain.
- Tire chain.
- Transmission chain.
- Vehicle track chain.
- Venetian blind chain.

Chain. W. F. Fischer. 2,222,025; Nov. 19.
Chain adjuster. N. C. Bremer. 2,210,276; Aug. 6.
Chain anchoring and applicator means, Tire. T. W. Higgins and T. J. Lawler. 2,213,910; Sept. 3.
Chain and drive, Corrosion resistant. C. R. Weiss. 2,188,025; Jan. 23.

Chain and method of making, Ornamental. E. Augenstein. 2,200,828; May 14.
Chain and sprocket drive, Change speed. D. I. Carlsson. 2,199,331; Apr. 30.
Chain assembly, Tractor. H. Law. 2,206,966; July 9.
Chain bracket. J. W. Platt. 2,226,502; Dec. 24.
Chain connector, Tire cross. E. T. Opperman. 2,196,398; Apr. 9.
Chain conveyor, Endless. A. Redler. 2,209,476; July 30.
Chain cutting machine for use in mining coal and other minerals, Endless. O. F. Lewis. 2,189,669; Feb. 6.
Chain drive. A. Moorhouse. 2,226,010; Dec. 24.
Chain fastener. S. and T. Rosenberg. 2,216,213; Oct. 1.
Chain for automobile tires, Cross. J. E. Devlin. 2,204,886; June 18.
Chain forming machine. F. E. Stahl. 2,190,129; Feb. 13.
Chain gripper feeder. F. W. Seybold. 2,227,370; Dec. 31.
Chain link. J. B. Bambenek. 2,212,911; Aug. 27.
Chain link bar. J. Lévai. 2,199,500; May 7.
Chain link side bar, or the like, having extruded locking lugs. C. F. Lauenstein. 2,221,053; Nov. 12.
Chain link, Skid. J. Seabo and L. J. Snyder. 2,197,881; Apr. 23.
Chain links, Forming. G. J. Campbell, Jr. 2,191,441; Feb. 27.
Chain locking means. J. Fermanick. 2,202,447; May 28.
Chain, Making twisted. F. E. Stahl. 2,190,130; Feb. 13.
Chain mechanism for connecting pump rods with walking beams. C. R. Athy. 2,211,965; Aug. 20.
Chain repair link. W. K. Robbins. 2,216,831; Oct. 8.
Chain structure for continuous flow conveyers or the like, Conveyer. C. M. Young, Jr. 2,226,989; Dec. 31.
Chain tightener, Tire. G. K. Smith. 2,188,120; Jan. 23.
Chain wrench. A. J. Thomas. 2,215,824; Sept. 24.
Chains, Making. F. E. Stahl. 2,196,686; Apr. 9.
Chains, Swivel device for tire. F. E. Stahl. 2,194,437; Mar. 19.
Chair: *See*—

Adjustable chair.	Reclining chair.
Collapsible chair.	Rocking chair.
Counter chair.	Seat chair.
Extensible chair.	Stick chair.
Foldable reclining chair	Support chair.
Folding chair.	Swivel chair.
Portable chair.	Wheel chair.
Posture chair	

Chair. M. Breuer. 2,215,540; Sept. 24.
Chair. H. D. Croy. 2,190,401; Feb. 13.
Chair. J. B. Garcia. 2,209,650; July 30.
Chair. H. Gelman. 2,206,533; July 2.
Chair. W. M. Hanson. 2,226,861; Dec. 31.
Chair. A. R. Hauber. 2,202,630; May 28.
Chair. A. E. Jones. 2,219,814; Oct. 29.
Chair. F. L. Jungbauer. 2,208,561; July 23.
Chair. I. Karish. 2,216,316; Oct. 1.
Chair. E. T. Paul and C. D. Carlisle. 2,185,923; Jan. 2.
Chair. D. W. Robertson. 2,191,159; Feb. 20.
Chair. C. E. Scott. 2,190,221; Feb. 13.
Chair. H. Young. 2,212,093; Aug. 20.
Chair and bed, Combination. D. Eisen. 2,207,216; July 9.
Chair and cot, Collapsible beach. A. E. Brandon. 2,200,912; May 14.
Chair and couch structure, Convertible. A. W. Weber. 2,209,145; July 23.
Chair and reading stand, Combined reclining. B. S. Miller. 2,208,945; July 23.
Chair and standard. J. V. Boogaard and R. K. Merrill. 2,199,689; May 7.
Chair and the like, Collapsible push. T. J. Marchant. 2,223,960; Dec. 3.
Chair back. E. T. Todd and H. C. Hall. 2,185,758; Jan. 2.
Chair base. J. J. Marthaler. 2,218,583; Oct. 22.
Chair construction. F. Wagner. 2,218,863; Oct. 22.
Chair iron. H. W. Bolens and J. M. Altendorf. 2,211,090; Aug. 13.
Chair or the like, Adjustable. H. R. Stahl. 2,189,256; Feb. 6.
Chair or the like, Adjustable reclining. A. Lorenz and A. Gaal. 2,208,800; July 23.
Chair, settee, and the like, Easy. G. C. Boliston. 2,218,415; Oct. 15.
Chair structure, Folding. C. H. Utley. 2,221,932; Nov. 19.
Chair, table, etc. W. E. Hardy. 2,194,750; Mar. 26.
Chair walker. G. B. Hoag. 2,205,978; June 25.
Chairs for shipment, Packing. L. W. Wokosin. 2,212,310; Aug. 20.
Chalk holder. W. H. Des Jardins. 2,206,600; July 2.
Chamber, Constant level. L. S. Curry. 2,199,538; May 7.
Chamber construction. Expansion. A. Van Veen. 2,191,303; Feb. 20.
Chamber, Drying. W. S. Bowen. 2,222,396; Nov. 19.
Chamber end closure, Horizontal coking. L. Wilputte. 2,209,590; July 30.
Chamber for arc welders, Portable protective. J. R. Herradora. 2,210,370; Aug. 6.
Chamber, Method and apparatus for charging elongated explosion. U. Meininghaus. 2,217,694; Oct. 15.
Chamber, Submersible. E. S. Martine. 2,190,330; Feb. 13.
Chamfering tool. G. C. Greenwood. 2,218,147; Oct. 15.
Changeable exhibition. T. C. Flanagan and A. D. Fell. 2,209,517; July 30.
Changeable sign. C. P. Ferrigno. 2,185,249; Jan. 2.
Change-over for films, Automatic. F. A. Berg. 2,213,664; Sept. 3.
Change-over valve, Automatic. H. W. Carnes. 2,197,144; Apr. 16.
Change speed device. J. W. Hale. 2,221,092; Nov. 12.
Change speed device. J. W. Hale. 2,222,813; Nov. 26.
Change speed gear. M. Schäfer. 2,208,148; July 16.
Change-speed gear, Automatic. H. Metzler. 2,185,602; Jan. 2.
Change speed gear, Automatic. E. Mirone. 2,188,246; Jan. 23.
Change-speed gear, Continuously variable. P. L'Orange. 2,200,131; May 7.
Change speed gear, Continuously variable friction wheel. M. Berger. 2,186,662; Jan. 9.
Change speed gear, Progressive infinitely variable. A. Laub. 2,199,051; Apr. 30.
Change-speed mechanism and controls. E. A. Thompson. 2,193,304; Mar. 12.
Change speed system. J. W. Hale. 2,186,334; Jan. 9.
Change speed system. J. W. Hale. 2,199,993; May 7.
Changing mechanism for disk records, Automatic. A. R. Downs. 2,188,769; Jan. 30.
Channel, Cast removal. M. H. Prosperi. 2,187,175; Jan. 16.
Channel extension in telegraph systems. R. E. Mathes. 2,214,642; Sept. 10.
Channel system, Multiplex-simplex extended. K. B. Duerr. 2,199,284; Apr. 30.
Channel vented box. J. P. Brunt and E. E. Maston. 2,195,236; Mar. 26.
Channeling and roughing machine. W. E. Naugler. 2,225,078; Dec. 17.
Channeling machine. F. E. Bertrand. 2,216,153; Oct. 1.
Chaplet or rosary. M. A. Beehan. 2,213,516; Sept. 3.
Character bearing device, Selective. H. R. Quant. 2,221,926; Nov. 19.
Character recording system. T. E. Torkelson. 2,220,500; Nov. 5.
Character transmitting device. W. Thielicke. 2,208,348; July 16.
Charcoal, Devolatilizing. H. E. Klein and W. S. McVay. 2,224,823; Dec. 10.
Charcoal production apparatus and process. R. Van Anderson. Re. 21,551; Sept. 10.
Charge former. E. Schimanek. 2,216,422; Oct. 1.
Charge forming device. C. H. Jorgensen. 2,225,261; Dec. 17.
Charged particles, Focusing and separation of. W. Bleakney. 2,221,467; Nov. 12.
Charges to traveling molds, Feeding predetermined. L. H. and L. H. De Wyk, Jr. 2,218,527; Oct. 22.
Charging apparatus for elastic fluids. A. A. Ewald. 2,225,690; Dec. 24.
Charging device. H. R. MacMichael. 2,211,956; Aug. 20.
Charging device for charging liquid coking material into coke ovens. H. Gruber. 2,219,307; Oct. 29.
Charging device for sintering apparatus. H. Wendeborn. 2,194,626; Mar. 26.
Charging machine. F. H. H. Foss. 2,206,177; July 2.
Charging mechanism. G. E. Franck. 2,226,851; Dec. 31.
Charring device. B. Klausner. 2,195,112; Mar. 26.
Chart, Color. S. B. McDonald. 2,196,397; Apr. 9.
Chart drive regulator. R. R. Chappell and R. B. Colt. 2,214,522; Sept. 10.
Chart for determining horoscopes. M. Booth. 2,219,378; Oct. 29.
Chart for first aid, Instruction. C. Garrison and A. Bice. 2,196,298; Apr. 9.
Chart for piano playing. J. C. Bostelmann, Jr. 2,188,098; Jan. 23.
Chart, Music. L. S. Riley. 2,193,885; Mar. 19.
Chase, Printer's. L. F. Dourson and F. A. Kemen. 2,207,975; July 16.
Chassis construction. C. G. Branstrator. 2,196,954; Apr. 9.
Chassis, Motor vehicle. S. S. Blanc. 2,202,810; June 4.
Chassis, Motor vehicle. C. W. Megow. 2,206,970; July 9.
Chassis, Motor vehicle. H. T. Youngren. 2,214,948; Sept. 17.
Chassis, Vehicle. G. P. Dorris. 2,212,636; Aug. 27.
Check book cover, Folding. M. A. Heinzelman. 2,188,571; Jan. 30.
Check controlled mechanism. H. B. Stoner and R. W. Phillips. 2,220,739; Nov. 5.
Check marking device. R. I. Heller. 2,186,336; Jan. 9.
Check mechanism. E. Davis. 2,197,925; Apr. 23.
Check mechanism. E. Davis. 2,220,994–5; Nov. 12.
Check, Picker stick. J. R. Newton. 2,197,589; Apr. 16.
Check protector. W. R. Duffey. 2,193,396; Mar. 12.
Check roll holder. E. A. Haveles. 2,190,985; Feb. 20.
Check valve. F. M. Harm. 2,212,600; Aug. 27.
Check valve. W. B. Hutchings. 2,206,356; July 2.
Check valve. J. P. Johnson. 2,223,994; Dec. 3.
Check valve. W. B. Kerrick. 2,197,271; Apr. 16.
Check valve. J. R. Miller. 2,216,622; Oct. 1.
Check valve. J. T. Newberry. 2,205,150; June 18.
Check valve. C. A. Norgren. 2,223,699; Dec. 3.
Check valve. A. E. Roy. 2,223,944; Dec. 3.
Check valve. W. Tydon. 2,208,690; July 23.

Check writer. J. Whitaker. 2,211,680; Aug. 13.
Checker construction. B. E. Tau. 2,221,416; Nov. 12.
Checkerwork construction. E. G. Whelpley. 2,196,882; Apr. 9.
Checkerwork construction for regenerators. A. Mohr, Jr., F. Wille, and J. P. Grilli. 2,185,559; Jan. 2.
Checking and measuring device. E. G. Grennon. 2,185,808; Jan. 2.
Checking mechanism, Hydraulic. A. Swanson. 2,202,303; May 28.
Checks, documents, etc., Photographically copying. A. L. Adatte and J. V. Lizars. 2,215,091; Sept. 17.
Cheese, Making. R. Miollis. 2,193,462; Mar. 12.
Cheese-like product, Making a. T. H. Butterworth and W. A. Sommer. 2,224,720; Dec. 10.
Chemical analysis of materials by thermal decomposition, Method and apparatus for the. C. B. Francis, H. J. Wolthorn, and T. S. Woodward. 2,224,044; Dec. 3.
Chemical apparatus. W. F. Schilling. 2,190,220; Feb. 13.
Chemical apparatus. F. S. Turek. 2,194,250; Mar. 19.
Chemical apparatus. C. A. Weller. 2,195,436; Apr. 2.
Chemical composition. R. L. Brandt. 2,212,432; Aug. 20.
Chemical composition. C. Ellis. 2,227,128; Dec. 31.
Chemical composition. R. E. Fothergill. 2,218,146; Oct. 15.
Chemical composition for acid hardening photographic fixing baths. L. J. Webster. 2,214,216; Sept. 10.
Chemical compounds B-(ortho-hydroxyphenyl)-isopropylamines. G. Hildebrandt. 2,205,530; June 25.
Chemical compounds, Dilution of liquid. P. P. Metz. 2,199,110; Apr. 30.
Chemical compounds, Separating D. F. Othmer. 2,186,101; Jan. 9.
Chemical compounds, Sulphurizing. U. B. Bray. 2,210,877; Aug. 13.
Chemical converter. E. J. Houdry. 2,193,816; Mar. 19.
Chemical heating composition. R. E. Reed. 2,208,815; July 23.
Chemical heating pad and manufacture. F. L. Reynolds, L. Markel and J. A. Siebert. 2,202,067; May 28.
Chemical manufacture. J. D. MacMahon, L. D. Taylor, and V. M. Kalusdian. 2,185,210; Jan. 2.
Chemical materials, Reacting. F. W. Muncie. 2,210,175; Aug. 6.
Chemical method of etherifying dextran. G. L. Stahly and W. W. Carlson. 2,203,704; June 11.
Chemical process. H. S. Young. 2,215,950; Sept. 24.
Chemical process and apparatus. J. L. Brill and R. W. Plummer. 2,192,124; Feb. 27.
Chemical process and composition. W. S. Calcott and A. L. Fox. 2,213,360; Sept. 3.
Chemical process and new catalysts therefor. A. S. Carter and F. W. Johnson. 2,200,057; May 7.
Chemical product and producing the same, Inorganic. H. N. Huntzicker. 2,201,667; May 21.
Chemical proportioner. C. M. Strausburger. 2,221,273; Nov. 12.
Chemical pump. H. J. Mugford. 2,197,730; Apr. 16.
Chemical reactions, Producing. W. W. Odell. Re. 21,526; Aug. 6, 1940.
Chemical substance and use thereof. B. R. Harris. 2,212,521; Aug. 27.
Chemical treatment in the manufacture of ethyl alcohol. L. B. Rodenberg. 2,207,111; July 9.
Chemical treatment of photographic images. H. D. Murray and D. A. Spencer. 2,196,226; Apr. 9.
Chemicals from isomeric mono-nitro-ortho dichlorobenzene mixtures, Production of useful. F. B. Smith and J. N. Hansen. 2,196,580; Apr. 9.
Chemicals, Method and apparatus for reducing. P. M. Dolan. 2,226,525; Dec. 24.
Chessboard box. C. H. Robertson. 2,221,267; Nov. 12.
Chest or the like. E. W. North. 2,196,024; Apr. 2.
Chest, Silverware. R. Schweighart. 2,210,183; Aug. 6.
Chest, Utility. L. M. Piker. 2,209,091; July 23.
Chick box. H. S. Burnham. 2,190,399; Feb. 13.
Chicken counting machine. H. B. Harnar. 2,218,423; Oct. 15.
Chicken feeder. L. R. McLeod. 2,222,369; Nov. 19.
Chicken feeder. J. W. Wardell. 2,210,108; Aug. 6.
Child's vehicle. C. W. Hedstrom. 2,226,098; Dec. 24.
Chill member. M. G. Sternberg. 2,197,025; Apr. 16.
Chilling apparatus. H. Süss. 2,215,277; Sept. 17.
Chilling machine. R. G. Ewer. 2,191,909; Feb. 27.
Chilling process for dewaxing, Continuous. V. Voorhees. 2,202,542; May 28.
Chime, Musical. L. M. Alexander. Re. 21,370; Feb. 20.
Chime, Musical. F. Mason. 2,227,227; Dec. 31.
Chime signal. C. Auth. 2,208,066; July 16.
Chime, Tubular. F. Mason. 2,219,036; Oct. 22.
Chimney. F. F. Beeby. 2,204,955; June 18.
Chimney. S. Granstrom. 2,219,281; Oct. 29.
Chimney cleaning device. S. J. Hawkinson. 2,208,901; July 23.
Chimney for liquid fuel burners. W. B. Engh. 2,227,251; Dec. 31.
Chintz, Producing permanent glaze. D. de Hoencz, E. C. Tarnuzzer, and A. F. Stockwell. 2,185,746; Jan. 2.
Chip dispenser. W. D. Cochran. 2,193,164; Mar. 12.
Chip removal mechanism. K. C. Monroe. 2,216,693; Oct. 1.
Chipper, Welder's. T. St. Pierre. 2,226,673; Dec. 31.
Chiropractic table. G. G. B. Kjelgaard. 2,208,502; July 16.
Chisel for removing boiler tubes. I. Klein. 2,203,158; June 4.
Chitin and the resulting articles, Producing articles of regenerated. C. J. B. Thor. 2,217,823; Oct. 15.
Chlorates from caustic solutions, Removing. I. E. Muskat. 2,207,595; July 9.
Chlorhydrins, Manufacture of. C. A. Cohen and C. M. Beamer. 2,218,981; Oct. 22.
Chloride composition, Polymeric vinylidene. R. C. Reinhardt. 2,196,579; Apr. 9.
Chlorinating device and lining therefor. E. H. Greenberg. 2,214,612; Sept. 10.
Chlorination. H. Bender. 2,200,254–5; May 14.
Chlorine and production of valuable by-products, Generating. E. E. Dougherty. 2,204,888; June 18.
Chlorine containing lacquer raw materials. A. Blömer and W. Becker. 2,222,345; Nov. 19.
Chlorine dioxide into solid form, Conversion of. Y-C. Tang. 2,210,268; Aug. 6.
Chlorine from gases containing hydrochloric acid, Production of substantially pure. W. M. Grosvenor, Jr., and I. Miller. 2,206,399; July 2.
Chlorine, Producing. F. R. Balcar. 2,204,172; June 11.
Chlorine, Production of. H. S. Miller. 2,204,733; June 18.
Chlorine, Purification of. R. M. Hunter. 2,199,797; May 7.
Chlorites by the reduction of chlorine dioxide, Production of. G. L. Cunningham. 2,194,194; Mar. 19.
Chloroform, Preparation of methyl. H. S. Nutting and M. E. Huscher. 2,209,000; July 23.
Chloroprene, Vulcanized polymerized. E. Ott. 2,214,934; Sept. 17.
Chlorosulphonates, Production of. E. J. Tauch and R. K. Iler. 2,218,729; Oct. 22.
Chock, Clothesline. E. J. Masset. 2,226,937; Dec. 31.
Chock, Rail-clamp. L. Frankman. 2,209,881; July 30.
Chocolate and like refiner roll machine. A. A. Tunley and J. C. Paterson. 2,217,974; Oct. 15.
Chocolate and making same. J. L. Klewer. 2,189,144; Feb. 6.
Chocolate coating and making same. C. Veatch. 2,188,489; Jan. 30.
Chocolate, Packaging. J. D. Warfield, Jr. 2,217,392; Oct. 8.
Chocolate, Preparing. A. A. Lund. 2,212,544; Aug. 27.
Chocolate product. P. T. Zinzinia and T. L. McKenna. 2,201,820; May 21.
Choke, Automatic. J. E. Antonidis. 2,209,218; July 23.
Choke, Automatic carburetor. P. J. and C. H. Jorgensen. 2,196,213; Apr. 9.
Choke for bowl mills, Air flow. W. R. Wood. 2,206,145; July 2.
Choke, Thermally controlled bottom hole. W. J. Crites. 2,213,950; Sept. 10.
Cholesterol, Isolating. S. Natelson, A. E. Sobel, and I. J. Drekter. 2,220,114; Nov. 5.
Cholesterol, Preparing. J. D. Porsche and F. J. Solms. 2,191,260; Feb. 20.
Chopper and slicer. G. J. Mannfolk. 2,198,482; Apr. 23.
Chopper, Food. E. Meyer. 2,200,035; May 7.
Chopper, Hand-operated food. V. D. Canfield. 2,216,936; Oct. 8.
Chopper with a blade having a combined rotary and reciprocating motion, Scrap. A. R. Carr. 2,214,160; Sept. 10.
Christmas tree stand. A. J. and H. H. Schulz. 2,221,205; Nov. 12.
Christmas tree stand. A. J. Thomas. 2,189,687; Feb. 6.
Chromates, Manufacture of soluble alkali. A. E. Van Wirt. 2,199,929; May 7.
Chromite refractory materials. G. E. Seil. 2,214,353; Sept. 10.
Chromium-containing layers on ferrous surfaces, Formation of. K. Daeves, G. Becker, and F. Steinberg. 2,219,004; Oct. 22.
Chromium-containing layers on the surface of ferrous articles, Formation of. K. Daeves, G. Becker, and F. Steinberg. 2,219,005; Oct. 22.
Chromium metallurgy. M. J. Udy. 2,227,287; Dec. 31.
Chromium reduction. M. J. Udy. 2,206,139; July 2.
Chromium, titanium, and certain other metals and alloys thereof, Obtaining pure. S. E. Gertler. 2,206,395; July 2.
Chronograph. L. P. Dorsett and H. Smith. 2,212,981; Aug. 27.
Chronograph screen. J. V. Dunham. 2,188,339; Jan. 30.
Chronometric device, Shift type. K. K. Shepard. 2,194,237; Mar. 19.
Chronometric mechanism. W. Ferris. 2,212,140; Aug. 20.
Chuck. C. E. Clark. 2,207,238; July 9.
Chuck. H. K. Hartsuff. 2,188,095; Jan. 23.
Chuck. A. I. Kirkland. 2,220,654; Nov. 5.
Chuck. R. R. Lisbon. 2,213,653; Sept. 3.
Chuck. A. M. Stoner. 2,207,232; July 9.
Chuck. A. M. Stoner. 2,207,523–5; July 9.
Chuck. H. A. W. Wood, P. L. Tollison, and C. L. Ricards. 2,201,937; May 21.
Chuck and wrench, Drafting instrument. V. B. Wallace. 2,192,422; Mar. 5.
Chuck, Centrifugal. C. E. Hite. 2,207,621; July 9.

Chuck, Collet. A. H. Breitbarth and H. Anderson. 2,192,024; Feb. 27.
Chuck, Collet. S. Strobl. 2,193,890; Mar. 19.
Chuck, including operating mechanism therefor. H. E. Sloan and G. A. Highberg. 2,219,851; Oct. 29.
Chuck, Magnetic. F. J. Wesemann. 2,203,512; June 4.
Chuck operating mechanism. H. E. Sloan and G. A. Highberg. 2,186,504; Jan. 9.
Chuck, Paper roll. F. P. Bennett. 2,196,489; Apr. 9.
Chuck, Power operated. G. A. Highberg and H. E. Sloan. 2,224,633; Dec. 10.
Chuck, Quick releasing. W. Hammer. 2,189,002; Feb. 6.
Chuck, Rotary tool. J. Pierik. 2,203,967; June 11.
Chuck, Rotating adjustable tilting table. B. A. Jacobs. 2,225,273; Dec. 17.
Chuck, Self-centering. L. A. Hayes and W. T. Mahla. 2,215,927; Sept. 24.
Chuck, Self-tightening. A. M. Stoner. 2,207,230; July 9.
Chuck structure. L. A. Ward. 2,224,639; Dec. 10.
Chuck, Tool. R. L. Ashley. 2,193,615; Mar. 12.
Chuck, Wedge type. A. E. Church. 2,191,371; Feb. 20.
Chucking device, Automatic. J. R. Cox. 2,201,287; May 21.
Chucking machine and method. S. E. Green. 2,190,208; Feb. 13.
Churn and beater. W. F. Stewart. 2,217,144; Oct. 8.
Churn and butter worker, Combined. C. L. Mitchel and E. L. Wetmore. 2,200,514; May 14.
Chute and switch, Sack. W. M. Brenchley. 2,190,094; Feb. 13.
Chute, Bundle cleaning. E. Reeder. 2,201,054; May 14.
Chute, Coal spraying. J. A. Erickson. 2,197,792; Apr. 23.
Chute, Coin. J. Bauer and M. Grau. 2,210,875; Aug. 13.
Chute, Coin. W. Patzer and W. A. Tratsch. 2,226,873; Dec. 31.
Chute, Coin. W. A. Tratsch and W. Patzer. 2,215,673; Sept. 24.
Chute construction for scrap cigar machines. H. E. Carlson. 2,196,981; Apr. 16.
Chute construction, Mail. G. A. Bridgman. 2,209,070; July 23.
Chute, Dispensing machine. L. D. Dennis. 2,210,653; Aug. 6.
Chute for heat-treating furnaces, Quench. E. K. Hansen. 2,217,441; Oct. 8.
Chute for silos. J. J. and W. Rutten. 2,209,420; July 30.
Chute for washing machines, Feed. I. J. Stoyanchul. 2,208,088; July 16.
Chute, Loading. G. W. Guhlin and T. G. Waggoner. 2,186,292; Jan. 9.
Chute, Transfer. E. H. Lichtenberg. 2,214,305; Sept. 10.
Cigar banding machine. E. H. Jähne and R. E. Schleehahn. 2,204,219; June 11.
Cigar bunch head trimmer. F. Richter. 2,213,869; Sept. 3.
Cigar cutter. A. Hagelauer. 2,201,771; May 21.
Cigar enveloping machine. J. A. Neumair. 2,195,222; Mar. 26.
Cigar machine, High speed. S. Clausen. 2,204,980; June 18.
Cigar machine wrapper carrier. S. Clausen. 2,215,461; Sept. 24.
Cigar wrapping machine. J. W. and W. J. Giles. 2,226,224; Dec. 24.
Cigars, Method and mechanism for wrapping. K. E. Granstedt. 2,204,132; June 11.
Cigars, Packaging. J. A. Neumair. 2,190,189; Feb. 13.
Cigarette. W. F. M. Edwards. 2,189,886; Feb. 13.
Cigarette. G. H. Kennedy. 2,226,473; Dec. 24.
Cigarette. L. Roon. 2,217,527; Oct. 8.
Cigarette and cigar extinguishing device. J. H. Homrighous. 2,185,462; Jan. 2.
Cigarette and cigar holder. G. Hennings. 2,220,449; Nov. 5.
Cigarette and cigar support. V. A. Herr. 2,210,291; Aug. 6.
Cigarette and making the same. W. B. Pohle. 2,190,107; Feb. 13.
Cigarette and support therefor, Magnetic. H. S. Williams. 2,192,569; Mar. 5.
Cigarette and treating same. L. G. Copeman. 2,185,293; Jan. 2.
Cigarette and vanity case. R. Potishman. 2,191,680; Feb. 27.
Cigarette ash holder. L. P. Creasy. 2,222,500; Nov. 19.
Cigarette ash smoker. M. P. Janisch. 2,214,615; Sept. 10.
Cigarette case. B. A. Neff. 2,194,983; Mar. 26.
Cigarette case and dispenser. G. H. Hutaff, Jr. 2,218,041; Oct. 15.
Cigarette catcher. J. W. Leary. 2,224,735; Dec. 10.
Cigarette delivery mechanism. G. D. Horgan. 2,218,611; Oct. 22.
Cigarette dispenser. A. Huesing. 2,189,954; Feb. 13.
Cigarette dispenser. J. O. Tankersley. 2,210,222; Aug. 6.
Cigarette dispenser. J. B. Whitted. 2,201,277; May 21.
Cigarette dispenser. C. A. Witt. 2,187,218; Jan. 16.
Cigarette dispenser and igniter. C. A. Prescott and L. M. Jackson. 2,216,675; Oct. 1.
Cigarette dispenser and lighter. M. Greenbaum. 2,220,445; Nov. 5.
Cigarette extinguisher. C. W. Pudlich. 2,206,236; July 2.
Cigarette holder. W. W. Brady. 2,189,878; Feb. 13.
Cigarette holder. P. F. Havey. 2,207,197; July 9.
Cigarette holder. J. Lykos and O. H. Beaumont. 2,216,920; Oct. 8.
Cigarette holder. J. Malicki. 2,191,672; Feb. 27.
Cigarette holder. J. B. Stubbs. 2,224,660; Dec. 10.
Cigarette holder. C. Warren. 2,198,145; Apr. 23.
Cigarette holder. W. G. Zoulfakos. 2,205,511; June 25.
Cigarette maker and holder. M. Friedman. 2,203,864; June 11.
Cigarette-making and like machines, Cutting mechanism for. G. D. Horgan. 2,211,121; Aug. 13.
Cigarette making machine. D. W. Molins. 2,214,430; Sept. 10.
Cigarette manufacture, Mouthpiece. G. Davidson. 2,221,443; Nov. 12.
Cigarette pack closure. I. Florman. 2,222,743; Nov. 26.
Cigarette package. W. Bechtel. 2,226,046; Dec. 24.
Cigarette package. L. M. Klein. 2,194,168; Mar. 19.
Cigarette package. M. C. Towers. 2,197,388; Apr. 16.
Cigarette package. C. L. Wilson. 2,202,279–81; May 28.
Cigarette package. A. Winburn. 2,205,509; June 25.
Cigarette package cutter. M. Wilmns. 2,220,309; Nov. 5.
Cigarette package forming machine. A. Meletti. 2,216,447; Oct. 1.
Cigarette package holder. H. V. Farmer. 2,195,514; Apr. 2.
Cigarette rod former. W. B. Bronander. 2,190,012; Feb. 13.
Cigarette rolling device. C. Stymus. 2,218,075; Oct. 15.
Cigarette tipping. R. V. Craggs. 2,197,072; Apr. 16.
Cigarette tipping device. J. W. Leary. 2,204,369; June 11.
Cigarettes and other articles, Packing of. J. W. Chalmers. 2,209,111; July 23.
Cigarettes and other articles, Wrapping of. A. G. Rose. 2,225,888; Dec. 24.
Cigarettes, Manufacture of. A. Bernd. 2,194,378; Mar. 19.
Cigarettes, Manufacture of. W. F. M. Edwards. 2,188,998; Feb. 6.
Cigarettes, matches and the like, Extinguishing. G. Gee. 2,220,784; Nov. 5.
Cinder pot bracket. W. Johnston, Jr. 2,186,382; Jan. 9.
Cinder trap. H. L. Wagner. 2,189,234; Feb. 6.
Cinematograph projector fire trap. T. E. Glynn. 2,213,466; Sept. 3.
Cinematographic apparatus. A. E. Carlson. 2,211,763; Aug. 20.
Cinematographic effects in color and means therefor, Production of. A. G. Hillman. 2,199,203; Apr. 30.
Cinematographic image records, Device for reproducing. R. Levy. 2,202,458; May 28.
Circle cutting apparatus. R. L. Wagner. 2,202,131; May 28.
Circle cutting machine. L. W. Young. 2,202,133; May 28.

Circuit: *See*—

Amplifier circuit.
Amplifier muting circuit.
Antimicrophonic phototube circuit.
Attenuator circuit.
Audio amplifier circuit.
Band amplifier circuit.
Battery cord circuit.
Biasing potential supply circuit.
Bridge circuit.
Cathode ray deflecting circuit.
Cathode ray sweep circuit.
Cathode ray tube circuit.
Cathode ray tube deflecting circuit.
Compound positive displacement pump circuit.
Control and warning circuit.
Control circuit.
Coupling circuit.
Detector circuit.
Diode circuit.
Discharge lamp circuit.
Distortion reducing circuit.
Electric circuit.
Electric control circuit.
Electric translating circuit.
Electric translation circuit.
Electric valve circuit.
Electrical timed impulse circuit.
Electrical transmission circuit.
Electron discharge device circuit.
Electron switching circuit.
Feedback amplifier circuit.
Frequency control circuit.
Frequency determining circuit.
Frequency separation circuit.
Frequency variation response circuit.
Gain control circuit.
Gas tube circuit.
Hydraulic circuit.
Ignition circuit.
Ignition starter circuit.
Impulse track circuit.
Intelligence transmitting circuit.
Interference rejection circuit.
Keying circuit.
Lamp control circuit.
Magnet control circuit.
Magnetron discharge tube circuit.
Modulator circuit.
Motor control and signal circuit.
Neutralized amplifier circuit.
Noise limiting circuit.
Noise reduction circuit.
Oil filter circuit.
Oscillation generation circuit.
Oscillation generator circuit.
Oscillatory circuit.
Oscillograph circuit.
Power supply circuit.
Printing telegraph circuit.
Projector circuit.
Protection circuit.
Radio frequency circuit.

Circuit: See—
Radio frequency rejector circuit.
Radio starting and control switch circuit.
Receiver circuit.
Rectifier circuit.
Rectifying circuit.
Regulated rectifier circuit.
Regulator control circuit.
Relay circuit.
Resonant circuit.
Resonant line and associated circuit.
Routine testing circuit.
Saw-tooth current circuit.
Sending and receiving circuit.
Short-wave resonant circuit.
Signal deriving circuit.
Signal rectifier circuit.
Signal-translating circuit.
Signaling circuit.
Superheterodyne receiving circuit.
Switching circuit.
Synchronizing circuit.
Telegraphic line circuit.
Telephone circuit.
Telephone repeater control circuit.
Telephone testing circuit.
Television synchronizing impulse separator circuit
Thermionic tube circuit.
Thermionic valve circuit.
Time delay circuit.
Time delay control circuit.
Timer circuit
Transformer tap changing circuit.
Transmission circuit.
Treadle circuit.
Tuning indicator circuit.
Ultra short wave tube circuit.
Vacuum tube circuit.
Valve amplifying circuit.
Valve circuit.
Valve control circuit.
Vehicle signal circuit.
Vibrator circuit.
Voltage doubler circuit.
Volume control circuit.
Volume limiter circuit.

Circuit aligning device and aligning circuits. E. A. Tubbs. 2,186,184; Jan. 9.
Circuit, Amplifier. L. Siegert. 2,217,297; Oct. 8.
Circuit and device therefor, Electrical control. J. H. Wheelock. 2,195,761; Apr. 2.
Circuit and mounting arrangement, Electron discharge device. N. E. Lindenblad. 2,192,711; Mar. 5.
Circuit and radio receiver, Feedback. R. F. Pratt. 2,187,402; Jan. 16.
Circuit and use thereof, Tunable efficient resonant. D. L. Webster and W. W. Hansen. 2,227,372; Dec. 31.
Circuit arrangement, Detector-amplifier. H. Pitsch. 2,197,346; Apr. 16.
Circuit arrangement for electrostatic deflection of cathode rays. M. Geiger. 2,227,076; Dec. 31.
Circuit arrangement for producing an impulse series. M. Geiger. 2,193,868; Mar. 19.
Circuit arrangement for reducing interference. E. Franke. 2,201,337; May 21.
Circuit arrangement for separating electric pulses. E. L. C. White. 2,227,052; Dec. 31.
Circuit arrangement for separating electrical signal pulses. E. L. C. White. 2,211,942; Aug. 20.
Circuit arrangement for ultra-short waves, Tunable coupling. K. Schlesinger. 2,188,486; Jan. 30.
Circuit arrangement, High frequency. N. M. Rust and E. F. Goodenough. 2,215,796; Sept. 24.
Circuit arrangement in television receivers. R. Andrieu. 2,217,396; Oct. 8.
Circuit arrangement, Interconnecting earthed parts of a. F. Gutzmann. 2,196,673; Apr. 9.
Circuit arrangement, Multiplex receiving. A. Kahn. 2,218,914; Oct. 22.
Circuit, Balancing duplex. W. D. Buckingham. 2,186,006; Jan. 9.
Circuit breaker. W. A. Atwood. 2,218,374; Oct. 15.
Circuit breaker. B. P. Baker. 2,185,719; Jan. 2.
Circuit breaker. H. Barthelt. 2,198,491; Apr. 23.
Circuit breaker. K. Bauerschmidt. 2,216,583; Oct. 1.
Circuit breaker. J. H. Burnside, 2nd. 2,204,528; June 11.
Circuit breaker. H. D. Dorfman. 2,199,622; May 7.
Circuit breaker. L. C. Fisher. 2,212,732; Aug. 27.
Circuit breaker. W. H. Frank. 2,202,626; May 28.
Circuit breaker. W. H. Frank. 2,203,462; June 4.
Circuit breaker. G. J. Freese. 2,199,626; May 7.
Circuit breaker. H. S. Gano. 2,195,004; Mar. 26.
Circuit breaker. H. S. Gano. 2,204,409; June 11.
Circuit breaker. F. S. Green. 2,222,312; Nov. 19.
Circuit breaker. C. E. Ives. 2,222,843; Nov. 26.
Circuit breaker. C. E. Ives and J. Mark. 2,209,567; July 30.
Circuit breaker. J. G. Jackson. 2,188,949; Feb. 6.
Circuit breaker. J. G. Jackson and W. T. Allen. 2,187,606; Jan. 16.
Circuit breaker. A. J. Janser. 2,214,530; Sept. 10.
Circuit breaker. O. S. Jennings. 2,190,517; Feb. 13.
Circuit breaker. O. S. Jennings. 2,214,695; Sept. 10.
Circuit breaker. O. S. Jennings. 2,215,792; Sept. 24.
Circuit breaker. T. Lindstrom. 2,186,251; Jan. 9.
Circuit breaker. T. Lindstrom. 2,192,046; Feb. 27.
Circuit breaker. L. R. Ludwig and M. E. Horn. 2,214,471; Sept. 10.
Circuit breaker. L. M. Persons. 2,209,611; July 30.
Circuit breaker. E. T. Platz. 2,210,870; Aug. 6.
Circuit breaker. J. G. Sola. 2,224,885; Dec. 17.
Circuit breaker. R. H. Swingle. 2,195,016; Mar. 26.
Circuit breaker. L. S. Walle. 2,185,823; Jan. 2.
Circuit breaker. V. Weber. 2,207,960; July 16.
Circuit breaker. H. H. Willmann. 2,192,059; Feb. 27.
Circuit breaker. H. H. Willmann. 2,217,462; Oct. 8.
Circuit breaker assembly, Automatic. J. Sachs. 2,209,353; July 30.
Circuit breaker, Automatic. P. M. Christensen. 2,209,319; July 30.
Circuit breaker, Automatic. P. M. Christensen. 2,210,280; Aug. 6.
Circuit breaker, Automatic. W. E. Jenkins. 2,191,665; Feb. 27.
Circuit breaker, Automatic. J. Sachs. 2,185,524–5; Jan. 2.
Circuit breaker, Automatic. J. Sachs. 2,209,351; July 30.
Circuit breaker, Automatic. J. Sachs. 2,209,848; July 30.
Circuit breaker, Automatic. J. Sachs. 2,210,259–63; Aug. 6.
Circuit breaker, Automatic. J. Sachs. 2,224,990; Dec. 17.
Circuit breaker, Automatic. J. Sachs and P. M. Christensen. 2,209,352; July 30.
Circuit breaker, Cartridge type. J. H. Burnside, 2nd. 2,192,222; Mar. 5.
Circuit breaker control. E. Bayha. 2,225,763; Dec. 24.
Circuit breaker control system. A. E. Anderson. 2,185,825; Jan. 2.
Circuit breaker control system. H. Thommen. 2,213,658; Sept. 3.
Circuit breaker, Electric. L. J. Linde. 2,192,045; Feb. 27.
Circuit breaker, Electric. P. E. Parkinson. 2,206,468; July 2.
Circuit breaker, Electric. P. Thieme. 2,205,321; June 18.
Circuit breaker, Enclosed. D. Ellis. 2,191,523; Feb. 27.
Circuit breaker for feeder distribution system. W. C. Anderson. 2,226,088; Dec. 24.
Circuit breaker for motor vehicles. F. A. Eytman. 2,188,144; Jan. 23.
Circuit breaker for stop lights, Automatic. L. L. Huelsdonk. 2,185,732; Jan. 2.
Circuit breaker mechanism. J. A. Coy. 2,203,131; June 4.
Circuit breaker, Repeater. G. L. Carlisle. 2,204,299; June 11.
Circuit breaker system, Reclosing. H. G. MacDonald and A. W. Hill. 2,214,590; Sept. 10.
Circuit breaker testing arrangement. F. M. Deerhake. 2,201,852; May 21.
Circuit breaker testing arrangement. V. Grosse. 2,214,853; Sept. 17.
Circuit breaker testing arrangement. V. Grosse. 2,222,711; Nov. 26.
Circuit breakers. W. M. Leeds, E. Ortensi, and B. P. Baker. 2,196,419; Apr. 9.
Circuit closer. F. M. Blum. 2,189,190; Feb. 6.
Circuit closer. O. T. Wood. 2,210,313; Aug. 6.
Circuit closing connector, Electrical prong receiving. W. C. Holden. 2,207,484; July 9.
Circuit closing device. E. S. Boynton. 2,192,296; Mar. 5.
Circuit connection combination. C. M. Petersen. 2,201,743; May 21.
Circuit control. B. Radtke. 2,192,620; Mar. 5.
Circuit control apparatus. N. J. Conrad. 2,223,601; Dec. 3.
Circuit control device. W. C. Austin and W. Hill. 2,207,189; July 9.
Circuit control device. R. P. Dunmire. 2,205,944; June 25.
Circuit control device. C. M. Petersen. Re. 21,429; Apr. 16.
Circuit control device for motor vehicles. I. Goldfinger. 2,209,118; July 23.
Circuit control device, Fuse operated electric. A. U. Broune. 2,202,621; May 28.
Circuit control for heating systems and the like. R. E. Young. 2,185,759; Jan. 2.
Circuit control means, Electric. L. R. Runaldue. 2,200,968; May 14.
Circuit controller. U. S. Berger and A. M. Curtis. 2,220,883; Nov. 12.
Circuit controller. C. C. Bradbury. 2,190,468; Feb. 13.
Circuit controller. R. B. Hunter. 2,225,994; Dec. 24.
Circuit controller. E. G. Little. 2,190,520; Feb. 13.
Circuit controller. W. C. McWhirter. 2,187,518; Jan. 16.
Circuit controller. C. Mendez. 2,191,216; Feb. 20.
Circuit controller. R. H. Procter. 2,200,995; May 14.
Circuit controller. N. C. Schellenger. 2,198,277; Apr. 23.
Circuit controller. R. W. Scott and A. O. McCollum. 2,187,795; Jan. 23.
Circuit controller. R. W. Scott and A. O. McCollum. 2,201,798; May 21.
Circuit controller. C. Stansbury. 2,216,329; Oct. 1.
Circuit controller. C. Stansbury and W. C. Stevens. 2,205,676; June 25.
Circuit controller, Indicating. J. M. Pelikan. 2,217,526; Oct. 8.
Circuit controlling device. T. Lindstrom. 2,199,641; May 7.
Circuit controlling device, Thermal operated. O. S. Field. 2,204,481; June 11.
Circuit detector, Degenerative plate. S. Hunt. 2,217,277; Oct. 8.
Circuit element mounting unit for electrical measuring apparatus. F. S. Fox, Jr., and G. C. Walsh. 2,201,106; May 14.
Circuit for a vacuum tube network, Cathode heater testing. R. H. Herrick. 2,211,421; Aug. 13.

Circuit for amplifying carrier frequencies. R. Schienemann. 2,224,200; Dec. 10.
Circuit for amplifying electrical oscillations. C. Jan de L. de la Sabloniere. 2,194,180; Mar. 19.
Circuit for burners, Electric. E. G. Lowrey. 2,209,410; July 30.
Circuit for carrier wave communication systems, Noise-limiting. C. Travis. 2,221,728; Nov. 12.
Circuit for cathode ray tubes, Centering. U. Knick 2,216,273; Oct. 1.
Circuit for electric valve apparatus, Starting. E. E. Moyer. 2,190,799; Feb. 20.
Circuit for high speed selector, Control. W. H. T. Holden. 2,197,501; Apr. 16.
Circuit for radio receivers and the like, Antenna. J. H. Pressley. 2,203,442; June 4.
Circuit for radio receivers, Control. O. T. Laube. 2,190,546; Feb. 13.
Circuit for radio receivers, Image rejector. R. B. Albright. 2,201,938; May 21.
Circuit for reducing electrical disturbances. R. von Radinger. 2,215,946; Sept. 24.
Circuit for short wave transmitters, Neutralization. W. Buschbeck. 2,226,694; Dec. 31.
Circuit for sound recording, Noise reduction. B. Kreuzer. 2,224,914; Dec. 17.
Circuit for the operation of electric motors fed by a single-phase supply, Method and. F. Kövessi. 2,215,156; Sept. 17.
Circuit for ultra short waves, Low damped oscillation. H. E. Hollmann. 2,216,011; Sept. 24.
Circuit interrupter. A. H. Bakken. 2,199,607; May 7.
Circuit interrupter. W. S. Brian. 2,225,970; Dec. 24.
Circuit interrupter. E. K. Clark. 2,205,240; June 18.
Circuit interrupter. E. K. Clark. 2,221,575; Nov. 12.
Circuit interrupter. A. Kleindienst and D. Muller-Hillebrandt. 2,223,729; Dec. 3.
Circuit interrupter. W. M. Leeds and E. Ortensi. 2,214,620; Sept. 10.
Circuit interrupter. G. N. Lemmon. 2,208,099; July 16.
Circuit interrupter. J. B. MacNeill. 2,192,772; Mar. 5.
Circuit interrupter. R. H. Nau and J. Sandin. 2,225,971; Dec. 24.
Circuit interrupter. L. E. Sauer. 2,215,797; Sept. 24.
Circuit interrupter. M. B. Wood. 2,218,274; Oct. 15.
Circuit interrupter, Electric. H. Burmeister. 2,188,806; Jan. 30.
Circuit interrupter, Electric. G. E. Lincks. 2,197,646; Apr. 16.
Circuit interrupter, Thermostatic. L. Schmidt. 2,191,501; Feb. 27.
Circuit interrupting and protecting device. F. B. Adam and H. M. Stieglitz. 2,186,813; Jan. 9.
Circuit interrupting apparatus. H. A. Triplett. 2,199,551; May 7.
Circuit interrupting apparatus. C. P. West. 2,215,804; Sept. 24.
Circuit interrupting device. H. J. Lingal. 2,223,731; Dec. 3.
Circuit interrupting device. H. L. Rawlins. 2,200,122; May 7.
Circuit interrupting device. E. A. Williams. 2,208,440; July 16.
Circuit interrupting means. P. B. Hoye. 2,225,055; Dec. 17.
Circuit interrupting system, Electric. C. G. Suits. 2,206,709; July 2.
Circuit interruption, Electric. D. A. Kelly. 2,205,655; June 25.
Circuit make and break device. W. Foerste. 2,218,879; Oct. 22.
Circuit phase control of electrical space discharge devices, Resonant. W. P. Overbeck. 2,220,118; Nov. 5.
Circuit, Producing an effective short. A. Alford. 2,223,160; Nov. 26.
Circuit protective means, Meter. J. K. Hodnette. 2,199,630; May 7.
Circuit selector, Clockwork operated. A. B. Thomsen. 2,215,842; Sept. 24.
Circuit selector, Time-controlled. A. J. Sluyter. 2,194,034; Mar. 19.
Circuit, Sweep. A. D. Blumlein. Re. 21,400; Mar. 19.
Circuit tester. E. L. Irwin. 2,213,632; Sept. 3.
Circuit testing board. I. V. Cole. 2,192,826; Mar. 5.
Circuits, Alternating current operated direct current amplifier. F. H. Shepard, Jr. 2,224,199; Dec. 10.
Circuits, Amplifier. F. H. Shepard, Jr. 2,194,529; Mar. 26.
Circuits, Amplifier. K. Wilhelm. 2,216,465; Oct. 1.
Circuits, Automatic frequency control. O. E. Keall. 2,194,556–7; Mar. 26.
Circuits, Automatic gain control. G. S. Bull. 2,214,608; Sept. 10.
Circuits, Automatic volume control. J. Steinmetz. 2,204,973; June 18.
Circuits, Cathode ray oscillograph control. H. P. Kuehni. 2,219,188; Oct. 22.
Circuits, Cathode ray tube detector. C. W. Hansell. 2,202,376; May 28.
Circuits, Combined amplifier-rectifier. D. G. Burnside. 2,196,248; Apr. 9.
Circuits, Combined oscillator-detector. C. Travis. 2,194,512; Mar. 26.
Circuits, Control. H. W. Johnson. 2,193,595; Mar. 12.
Circuits, Controlling electric. J. R. F. Terrell. 2,217,573; Oct. 8.
Circuits, Coupling. D. K. Gannett. 2,199,820; May 7.
Circuits, Delayed automatic volume control. C. J. van Loon. 2,200,049; May 7.
Circuits, Distortion correction. M. Geiger. 2,216,168; Oct. 1.
Circuits, Electric. W. J. McLachlan and W. E. Birchard. 2,185,707; Jan. 2.
Circuits, Electric oscillatory. H. Penner. 2,197,507; Apr. 16.
Circuits, Electric valve. B. D. Bedford. 2,222,700; Nov. 26.
Circuits, Electric valve. G. W. Garman. 2,190,514; Feb. 13.
Circuits, Electric valve. P.-K. Hermann. 2,217,443; Oct. 8.
Circuits, Electric valve. F. Hölters. 2,221,517; Nov. 12.
Circuits, Electric valve. M. M. Morack. 2,222,717; Nov. 26.
Circuits, Electric valve. E. E. Moyer. 2,195,121; Mar. 26.
Circuits, Electric valve. H. Puppe. 2,222,720; Nov. 26.
Circuits, Electric valve. H. Puppe. 2,223,185; Nov. 26.
Circuits, Electrical. S. W. Seeley. 2,197,024; Apr. 16.
Circuits, Electronic tube. H. P. Donle. 2,189,461; Feb. 6.
Circuits for controlling and measuring, Electrical. O. H. Schuck. 2,200,863; May 14.
Circuits, Four-wire signaling. N. Botsford. 2,207,531; July 9.
Circuits, Frequency control. A. V. Bedford. 2,201,978; May 28.
Circuits, Gas-filled space discharge tube. G. H. Rockwood, Jr. 2,188,159; Jan. 23.
Circuits, High frequency. G. W. Fyler. 2,190,513; Feb. 13.
Circuits, High frequency tuned. F. T. Lett. 2,212,839; Aug. 27.
Circuits, Inverse feedback. H. F. Dalpayrat. 2,186,195; Jan. 9.
Circuits, Measuring and indicating. V. J. Hawks. 2,207,253; July 9.
Circuits, Noise suppression. T. P. Kinn. 2,186,247; Jan. 9.
Circuits, Noise suppression. E. Osterhuis. 2,216,517; Oct. 1.
Circuits, Oscillatory. H. Rochow. 2,206,238; July 2.
Circuits, Oscillatory. H. Shore. 2,220,689; Nov. 5.
Circuits, Oscillatory electric. E. L. C. White and A. D. Blumlein. 2,212,217; Aug. 20.
Circuits, Phase inversion. S. Hunt. 2,214,614; Sept. 10.
Circuits, Radio receiver control. O. E. Keall and N. M. Rust. 2,221,096; Nov. 12.
Circuits, Rectifier. H. Klemperer. 2,206,701; July 2.
Circuits, Resistance coupled amplifier. E. W. Herold. 2,217,275; Oct. 8.
Circuits, Selective. J. Plebanski. 2,213,591; Sept. 3.
Circuits, Signal amplitude limiting. A. P. Montgomery. 2,224,794; Dec. 10.
Circuits, Signal rectifier. S. Hunt. 2,189,313; Feb. 6.
Circuits, Switchboard. P. J. Runkel. 2,200,682; May 14.
Circuits, Testing of electrical. H. A. Peterson. 2,205,173; June 18.
Circuits, Thermionic amplifier. W. S. Percival. 2,200,519; May 14.
Circuits, Thermionic valve. P. F. M. Gloess. 2,202,522; May 28.
Circuits, Thermionic valve. E. L. C. White. 2,185,363; Jan. 2.
Circuits, Thermionic valve amplifying. A. D. Blumlein. 2,218,902; Oct. 22.
Circuits, Tuned electric. E. S. L. Beale. 2,186,571; Jan. 9.
Circuits, Tuned transmission. W. D. Loughlin. 2,199,669; May 7.
Circuits, Tuning. C. J. van Loon. 2,189,050; Feb. 6.
Circuits, Tuning indicator. W. van B. Roberts. 2,190,435; Feb. 13.
Circuits, Ultra high frequency. W. T. Harris. 2,224,649; Dec. 10.
Circuits, Ultra high frequency oscillation. C. W. Hansell. 2,217,745; Oct. 15.
Circuits, Vacuum tube. D. D. Robertson. 2,191,542; Feb. 27.
Circuits, Variable coupling of electrical oscillatory. H. D. Ellis. 2,189,768; Feb. 13.
Circuits, Variable selectivity. B. W. van Ingen Schenau. 2,196,276; Apr. 9.
Circuits, Volume control. E. W. Herold. 2,214,613; Sept. 10.
Circuits, Volume range control. H. Pfister. 2,216,454; Oct. 1.
Circuits, Welding timing. J. W. Dawson. 2,189,601; Feb. 6.
Circuits with controlled gain, Amplifier. T. H. Crabtree. 2,208,665; July 23.
Circular loom. F. S. Hardy. 2,218,608; Oct. 22.
Circulating means for rolling stock. C. L. Moorman. 2,188,464; Jan. 30.

Circulating system and valve for controlling the same. D. R. McNeal. 2,189,814; Feb. 13.
Circulating system for pulp digesters, External. D. K. Dean. 2,217,732; Oct. 15.
Circulator. H. A. Thrush. 2,207,208; July 9.
Circulator for refrigerator cars, Air. W. E. Baillie. 2,195,639; Apr. 2.
Circulatory system, Apparatus and method for ascertaining and recording conditions of the. T. Bradford. 2,186,517; Jan. 9.
Circumorbital cutting tool. D. U. Shaffer, F. D. Hobbs, and E. C. Hamm. 2,199,972; May 7.
Cistern, Flushing. A. R. Palit. 2,205,960; June 25.
Citrates of procaine and their production. D. Curtis. 2,193,165; Mar. 12.
Citrus fruit peel, Prepared. W. Platt and P. D. Kratz. 2,218,550; Oct. 22.
Citrus juice cells from inedible portions, Removing. R. Polk, Sr., and R. Polk, Jr. 2,199,345; Apr. 30.
Clamp: *See*—
Adjustable clamp
Base clamp.
Battery post clamp.
Battery terminal clamp.
Bearing pile splice clamp.
Bracket clamp.
Bus bar clamp.
C clamp.
Cable clamp.
Conductor clamp.
Conduit clamp.
Connector clamp.
Dead end clamp.
Embalming clamp.
Expansion clamp.
Fuse clamp
Grounding clamp.
Gravity meter clamp.
Guide plug clamp.
Hair clamp.
Hose clamp.
Line clamp.
Magnetic clamp.
Mechanical clamp.
Miter clamp.
Mortician's clamp.
Paper clamp.
Pipe clamp.
Pipe joint clamp.
Planking clamp.
Plate clamp.
Pressure applying clamp.
Printing plate clamp.
Quick acting clamp.
Rail clamps.
Railway tie and rail clamp.
Rod clamp.
Rope clamp.
Rule clamp.
Scaffolding clamp
Section clamp.
Shearing clamp.
Shoe clamp.
Shoemaker's clamp.
Spring clamp.
Storage battery box clamp.
Storage battery terminal clamp.
Support clamp.
Tamping bar clamp.
Tap clamp.
Terminal clamp.
Tripod leg clamp.
Type form clamp
Venetian blind clamp.
Vise clamp
Wire clamp.
Wire rope clamp.
Clamp. M. B. Erdley. 2,212,156; Aug. 20.
Clamp. W. E. Ferrall and D. M. Cramer. 2,216,073; Sept. 24.
Clamp. C. E. Hathorn. 2,189,172; Feb. 6.
Clamp. J. J. O'Neill. 2,194,317; Mar. 19.
Clamp. J. J. O'Neill and M. C. Cox. 2,194,318; Mar. 19.
Clamp. J. Schor and J. R. Skoverski. 2,187,059; Jan. 16.
Clamp. W. H. Steinbrink. 2,216,858; Oct. 8.
Clamp attachment for fuse anchoring clips. J. B. Cooper. 2,188,033; Jan. 23.
Clamp for connecting an insulator to a post. F. H. Daily. 2,222,810; Nov. 26.
Clamp for electric fuses, etc., Terminal. H. J. Hammerly. 2,199,793; May 7.
Clamp for file drawers, File. A. S. Harriman. 2,225,385; Dec. 17.
Clamp for guy wire cables. E. K. Cole. 2,193,269; Mar. 12.
Clamp for mine cars, Rail. H. Sherman. 2,203,602; June 4.
Clamp for panel form walls, Liner. G. B. Bosco. 2,188,400; Jan. 30.
Clamp for paper cutters. W. R. Spiller and J. R. Lehman. 2,223,878; Dec. 3.
Clamp for pipes, Repair. C. P. Stauffer. 2,213,022; Aug. 27.
Clamp for rotary printing presses, Plate. W. P. V. Ross and D. H. Mars. 2,190,385; Feb. 13.
Clamp for scaffolds, Angle iron. J. S. Deck. 2,198,960; Apr. 30.
Clamp for sponge brushes and the like, Detachable. M. L. Goldberg. 2,213,732; Sept. 3.
Clamp for sponge brushes and the like, Detachable. M. L. Dec. 24.
Clamp keeper clip. C. S. Card. 2,199,370; Apr. 30.
Clamp stick. M. T. Tipsord. 2,194,411; Mar. 19.
Clamping apparatus. J. "S" Martinek. 2,206,328; July 2.
Clamping device. M. A. Bell. 2,209,379; July 30.
Clamping device. C. L. Bowman. 2,217,042; Oct. 8.
Clamping device. E. B. Brittin. 2,185,782; Jan. 2.
Clamping device. L. G. Chalchoff. 2,204,663; June 18.
Clamping device. C. H. Klein and L. H. Burns. 2,210,587; Aug. 6.
Clamping device. R. F. Knight. 2,193,820; Mar. 19.
Clamping device. H. W. Lincoln. 2,197,310; Apr. 16.
Clamping device. M. Lucas. 2,194,803; Mar. 26.
Clamping device. C. W. Prochaska. 2,218,481; Oct. 15.
Clamping device. F. M. Slater. 2,213,329; Sept. 3.
Clamping device. D. A. Smith. 2,223,644; Dec. 3.
Clamping device, Adjustable. H. V. Holman. 2,221,325; Nov. 12.
Clamping device for force responsive element. J. L. Bible and R. H. Ray. 2,220,199; Nov. 5.
Clamping device for paper hangers' outfits. M. C. Harrison. 2,224,911; Dec. 17.
Clamping device, Heel breast covering. G. F. Lybrook. 2,191,110; Feb. 20.
Clamping means. J. J. Madden. 2,219,014; Oct. 22.
Clamping means for mirrors for motor vehicles. A. W. Rosen. 2,191,085; Feb. 20.
Clamping mechanism. E. A. Odin. 2,197,875; Apr. 23.
Clamping mechanism, Plate. A. J. Horton. 2,190,380; Feb. 13.
Clamping ring. G. O. Conner. 2,194,162; Mar. 19.
Clarification. W. A. Rolston. 2,195,739; Apr. 2.
Clarifier and clarifier system. H. J. Jacobs, C. F. Dahlberg, and J. J. Munson. 2,196,991; Apr. 16.
Clarifier, Cane juice. A. K. Smith. 2,205,934; June 25.
Clarifying device. H. E. Martel. 2,208,427; July 16.
Clarifying process for molasses. P. Steinacker. 2,187,990; Jan. 23.
Clarinet. R. C. Ely. 2,208,838; July 23.
Clarinet pad control. M. A. Stover. 2,214,089; Sept 10.
Clarity inspector for lubricating oil. S. B. Wilson. 2,224,123; Dec. 3.
Clasp. J. B. Freysinger. 2,186,410; Jan. 9.
Clasp. J. B. Freysinger. 2,192,738; Mar. 5.
Clasp. J. B. Freysinger. 2,212,096; Aug. 20.
Clasp. E. Haeffner. 2,205,092; June 18.
Clasp. G. S. Hawie. 2,219,991; Oct. 29.
Clasp. J. E. Kraft and J. Bergner. 2,212,837; Aug. 27.
Clasp. W. S. Painter. 2,200,340; May 14.
Clasp and the like, Garter. J. G. Price, I. Sneva, and A. Weis. 2,217,770; Oct. 15.
Clasp brake. W. H. Baselt. 2,191,138; Feb. 20.
Clasp brake. H. S. Whitford. 2,219,671; Oct. 29.
Clasp brake arrangement. E. J. Simanek. 2,209,795; July 30.
Clasp, Elastic collar and tie. A. C. Patch. 2,195,468; Apr. 2.
Clasp fastener, Covered sliding. J. Kuna. 2,201,792; May 21.
Clasp for bracelets and the like. S. Levine. 2,211,018; Aug. 13.
Clasp for receptacles. W. H. Meincke. 2,197,053; Apr. 16.
Clasp, Garment. F. G. Deming. 2,214,524; Sept. 10.
Clasp, Garment. R. C. Isaac. 2,187,650; Jan. 16.
Clasp, Jewelry. H. Radzinsky. 2,191,084; Feb. 20.
Clasp, Jewelry. M. Weiner. 2,186,438; Jan. 9.
Clasp, Necklace. E. C. Grassmann. 2,222,410; Nov. 19.
Clasp or connector for bracelets, chains, necklaces, or the like. C. H. Kestenman. 2,215,526; Sept. 24.
Clasp or connector, Jewelry. A. H. Levesque. 2,205,215; June 18.
Clasp or connector, Jewelry. A. H. Levesque. 2,225,748; Dec. 24.
Clasp-suspension coupling. W. S. Painter. 2,192,604; Mar. 5.
Clasp, Wrist watch bracelet. W. L. Bridler. 2,188,471; Jan. 30.
Classification system. W. B. Foulke. 2,202,418; May 28.
Classification system. W. B. Foulke. 2,221,538; Nov. 12.
Classifier. J. A. Traylor. 2,226,750; Dec. 31.
Classifier. C. E. Wood. 2,219,730; Oct. 29.
Classifier control system. T. R. Rhea. 2,194,325; Mar. 19.
Classifier, Hydraulic. R. O. Stokes and W. D. J. Thomas. 2,219,639; Oct. 29.
Classifier mechanism. C. H. Scott. 2,191,743–4; Feb. 27.
Classifying means. C. T. Walter. 2,226,527; Dec. 24.
Clay and mixing it with water. P. Bechtner and W. B. Hirschmann. 2,186,661; Jan. 9.
Clay bodies, Glazing hollow. R. A. Shipley. 2,212,622; Aug. 27.
Clay, Recovering spent filter. P. D. Barton. 2,200,145; May 7.
Clay suspensions, Manufacture of silicate. J. G. Vail and C. L. Baker. 2,205,609; June 25.
Clays, Activation of. W. S. Wilson. 2,192,000; Feb. 27.
Cleaner: *See*—
Air cleaner.
Automatic windshield cleaner.
Basin cleaner.
Boiler flue cleaner.
Boot and shoe cleaner.
Centrifugal air cleaner.
Coil cleaner.
Comb cleaner.
Copper tube cleaner.
Cotton cleaner.
Creel board cleaner.
Drain cleaner.
Electrostatic gas cleaner.
Eraser cleaner.
Filtering unit cleaner
Floor cleaner.
Flue cleaner.
Fluid port cleaner.
Gas cleaner.
Grinder plate cleaner.
Grain cleaner.
Metal cleaner.
Mop cleaner.
Oil well pump rod cleaner.
Pipe bowl cleaner.
Pipe cleaner.
Pipe fitting cleaner.
Push-broom-type vacuum cleaner.
Rope clamp.
Seed cleaner.
Sewer cleaner.
Spark plug cleaner.
Suction cleaner.
Surface cleaner.
Tank cleaner
Upholstery cleaner.
Vacuum cleaner.
Vertical strip cleaner.
Wall paper cleaner.
Way cleaner.
Well casing perforation cleaner.
Well cleaner.
Windshield cleaner.
Cleaner. L. J. Kurtz. 2,186,140; Jan. 9.
Cleaner. K. S. Rogers. 2,221,557; Nov. 12.

Cleaner and dryer for cotton, Combined. F. B. Hinckley, Jr. 2,202,151; May 28.
Cleaner and element thereof, Tube. T. C. Wilson. 2,221,853; Nov. 19.
Cleaner and feeder for gins. R. G. Farr. 2,223,098; Nov. 26.
Cleaner and sterilizer for containers. H. A. Clark, F. W. Miller, A. C. Fowler, C. L. Anderson, and J. B. Brenner. 2,213,335; Sept. 3.
Cleaner, antechamber type, Air-method. D. B. Replogle. 2,190,678; Feb. 20.
Cleaner construction. D. V. Nelson. 2,216,249; Oct. 1.
Cleaner for air tanks. M. Dach. 2,192,769; Mar. 5.
Cleaner for automobiles, Shoe. J. Himmler. 2,193,319; Mar. 12.
Cleaner for clothing, Vacuum. D. L. Cowles. 2,214,193; Sept. 10.
Cleaner for cotton linters. A. J. V. Ware. 2,210,016; Aug. 6.
Cleaner for dairy equipment. J. A. Schmitt. 2,215,018; Sept. 17.
Cleaner for eating and drinking utensils. J. Malpass. 2,215,400; Sept. 17.
Cleaner for filter beds, Deep or bottom. W. C. Laughlin. 2,218,355; Oct. 15.
Cleaner for filter beds, Top surface. W. C. Laughlin. 2,217,690; Oct. 15.
Cleaner for gas engines, Air. S. E. Hopkins. 2,208,673; July 23.
Cleaner for oil wells, Perforation. S. V. Smith. 2,224,412; Dec. 10.
Cleaner for sifting screens. L. Simpson and A. M. Crain. 2,226,416; Dec. 24.
Cleaner for surface coverings. R. E. Dunbar. 2,207,582; July 9.
Cleaner structure, Windshield. E. C. Horton. 2,193,724; Mar. 12.
Cleaner, Windshield. E. C. Horton. Re. 21,594; Oct. 8.
Cleaning and drying mechanism for air filters. H. J. McDevitt. 2,194,607; Mar. 26.
Cleaning and massaging device. W. C. Stewart. 2,188,449; Jan. 30.
Cleaning and reoiling device for air cleaners. R. W. Hanson. 2,218,880; Oct. 22.
Cleaning apparatus. J. W. Chamberlin and R. E. Bassett, Jr. 2,187,770; Jan. 23.
Cleaning apparatus. T. Digman. 2,207,659; July 9.
Cleaning apparatus, Dry. W. W. Carrier and C. Victor. 2,189,458; Feb. 6.
Cleaning apparatus for railway signaling systems, Track section. H. G. Blosser. 2,213,186; Sept. 3.
Cleaning composition. C. J. Geng. 2,186,017; Jan. 9.
Cleaning composition and cleaning internal combustion engines. W. J. Sweeney and J. A. Tilton. 2,195,843; Apr. 2.
Cleaning composition and process. V. M. Darsey and H. J. McVey. 2,208,524; July 16.
Cleaning device. C. L. Boggs. 2,208,659; July 23.
Cleaning device. J. D. Bates. 2,226,654; Dec. 31.
Cleaning device. N. A. Glaskowsky. 2,195,364; Mar. 26.
Cleaning device. A. C. McCord. 2,226,630; Dec. 31.
Cleaning device. F. B. Seeberger. 2,209,544; July 30.
Cleaning device. W. J. Turpin. 2,191,243; Feb. 20.
Cleaning device. S. P. Vaughn. 2,186,050; Jan. 9.
Cleaning device. S. P. Vaughn. 2,210,967; Aug. 13.
Cleaning device, Fish screen. N. D. Lowe. 2,198,943; Apr. 30.
Cleaning device for hopper outlets. R. J. Kehl. 2,187,587; Jan. 16.
Cleaning device, Universal. A. W. Lawrence. 2,209,275; July 23.
Cleaning device, Wellhole. C. E. Braden. 2,190,145; Feb. 13.
Cleaning implement. A. A. Johnson. 2,190,427; Feb. 13.
Cleaning machine. J. W. Chamberlin and R. E. Bassett, Jr. 2,195,615; Apr. 2.
Cleaning machine. W. R. Fitzgerald and A. Docken. 2,205,249; June 18.
Cleaning machine. H. A. Mulvany. 2,225,482; Dec. 17.
Cleaning preparation. A. J. Widmer. 2,188,140; Jan. 23.
Cleaning process. E. K. Bolton and J. K. Hunt. 2,225,294; Dec. 17.
Cleaning ring for wheels. R. Burkhardt. 2,221,756; Nov. 19.
Cleaning spray. W. J. Hooper. 2,208,031; July 16.
Cleaning tool. E. A. Batchelder. 2,207,651; July 9.
Cleanout tool, Service pipe. F. McAllister. 2,214,171; Sept. 10.
Clean-out tool. E. Tatalovich. 2,187,845; Jan. 23.
Cleanser, Fabric. C. B. Preacher. 2,191,914; Feb. 27.
Cleansing and deodorizing device for water closets. E. T. Ahern. 2,199,094; Apr. 30.
Cleansing fluid. C. E. Manierre. 2,209,785; July 30.
Cleansing, massaging, and toilet article, Combined. P. Ritz. 2,219,141; Oct. 22.
Cleat. H. M. Pierce and J. H. Hermson. 2,223,794; Dec. 3.
Cleat, Athletic shoe. G. C. Birchfield. 2,185,397; Jan. 2.
Cleat for skis, Climbing. L. M. Jett. 2,194,979; Mar. 26.
Cleat for structural elements, Connecting. R. J. Anschicks. 2,189,159; Feb. 6.
Cleat, Shoe. J. T. Riddell. 2,213,289; Sept. 3
Cleats, Construction and anchoring shoe. J. T. Riddell. 2,203,969; June 11.
Clevis. H. B. Denzer. 2,188,036; Jan. 23.
Clicking machine. J. F. Hardy. 2,191,655; Feb. 27.
Clicking machine. E. I. La Chapelle. 2,187,162; Jan. 16.
Climber, Lineman's. J. A. Klein, Jr. 2,200,450; May 14.
Clinch-nut machine. P. E. Double and F. Wascher. 2,187,647; Jan. 16.
Clincher support, Overhung. J. T. Wright. 2,194,628; Mar. 26.
Clinkers, Burning Portland cement. R. D. Pike. 2,214,345; Sept. 10.
Clip: *See*—

Adjustable clip.
Attaching clip.
Bar holder clip.
Battery terminal quick action clip.
Board mounting clip.
Cartridge clip.
Clamp keeper clip.
Counter-sham partition clip.
Curl clip.
Finger clip.
Line supporting clip.
Lingerie clip
Molding clip.
Paper clip.
Partition clip.
Pen and pencil clip.
Pencil clip.
Plaster lath clip.
Rope clip.
Safety pole clip.
Shingle joiner or shingle-butt-end clip.
Shoe clip.
Spring clip.
Staple clip.
Switch clip.
Tentering clip.
Tie plate and spring clip.
Water wave clip.
Wound clip.

Clip. B. F. Caldwell. 2,209,318; July 30.
Clip. H. J. Uhlmann. 2,186,811; Jan. 9.
Clip. H. J. Uhlmann. 2,215,139; Sept. 17.
Clip. W. R. Wiley. 2,188,026; Jan. 23.
Clip. W. R. Wiley. 2,216,219; Oct. 1.
Clip. W. R. Wiley. 2,221,124; Nov. 12.
Clip. W. R. Wiley. 2,227,290; Dec. 31.
Clip and curler, Hair. F. M. Jones. 2,200,624; May 14.
Clip applicator. M. A. Glaser and L. C. Isom. 2,194,748; Mar. 26.
Clip device, Spring. J. H. Van Uum. 2,193,951; Mar. 19.
Clip device, Spring. J. H. Van Uum. 2,201,509; May 21.
Clip device, Spring. J. H. Van Uum. 2,214,150; Sept. 10.
Clip device, Spring. J. H. Van Uum. 2,215,656; Sept. 24.
Clip folding machine. G. W. Crabtree. 2,224,381; Dec. 10.
Clip for artificial brick siding and the like, Anchoring. J. B. Wardle. 2,200,649; May 14.
Clip for clothes hangers, Attachment. C. L. Allen. 2,211,998; Aug. 20.
Clip for holding cigarettes and the like, Heat actuated. W. S. Rodene. 2,203,745; June 11.
Clip for marking tags. B. Y. Jacobson. 2,224,154; Dec. 10.
Clip for metal moldings, Attaching. W. R. Wiley. 2,217,781; Oct. 15.
Clip for moldings and the like. G. A. Tinnerman. 2,198,186; Apr. 23.
Clip for mortar charges, Spring. L. C. Weldin. 2,215,075; Sept. 17.
Clip for partition plates, Holding. A. Wouters. 2,220,469; Nov. 5.
Clip for roof gutters, Attaching. J. A. Tobin. 2,187,869; Jan. 23.
Clip for sealing bags. H. Hermann. 2,224,050; Dec. 3.
Clip for sinuous springs. A. Krakauer. 2,215,373; Sept. 17.
Clip for spectacle cases. P. C. Scott. 2,201,144; May 21.
Clip for wallboards. H. H. Burson. 2,226,368; Dec. 24.
Clips or devices for sealing cartons or containers, Fixing or securing. J. Berry. 2,224,841; Dec. 10.
Clip or the like, Paper. W. J. Gareis. 2,205,524; June 25.
Clip-pin attachment, Single and double. G. Migliori. 2,214,839; Sept. 17.
Clip supporting means for enclosures. J. Kacena and P. W. Vandenberg. 2,205,360; June 18.
Clipper blade. W. Burch. 2,200,150; May 7.
Clipper blade, Shear tooth. H. B. Womack. 2,199,299; Apr. 30.
Clipper, Hair. J. Catina. 2,218,842; Oct. 22.
Clipper, Hair. R. Knapp. 2,198,118; Apr. 23.
Clipper, Hair. R. Knapp. 2,222,106; Nov. 19.
Clipper, Hair. R. W. Marshall. 2,194,048; Mar. 19.
Clipper, Hair. E. Sikora. 2,214,069; Sept. 10.
Clipper, Hair. B. Strezoff. 2,192,054; Feb. 27.
Clipper, Rotatively oscillatable hair. F. Fishbein and J. Harr. 2,191,073; Feb. 20.
Clipping device. G. Dalkowitz. 2,212,856; Aug. 27.
Clips and the like, Production of wire. A. H. Binch. 2,222,220; Nov. 19.
Clips, Manufacturing floor. S. H. Campbell and F. H. Pietzsch. 2,210,062; Aug. 6.
Clips to pens, etc., Attaching. A. W. Schoneberger. 2,189,963; Feb. 13.
Clock. J. W. Hamilton. 2,208,366; July 16.
Clock. L. Prins. 2,201,376; May 21.
Clock. E. E. Taliaferro. 2,191,976; Feb. 27.
Clock, Alarm. M. Schlenker. 2,216,523; Oct. 1.
Clock and control therefor, Electric. R. A. Vissing. 2,193,992; Mar. 19.
Clock and switch, Combined alarm. M. J. Madison. 2,200,092; May 7.
Clock, Animated figure. J. S. Feiner. 2,185,805; Jan. 2.
Clock, Calendar. F. and E. Parr. 2,227,362; Dec. 31.

Clock, Current control. J. De Haes. 2,203,944; June 11.
Clock display apparatus, Disappearing. M. Brown. 2,201,809; May 21.
Clock, Electric. M. B. Mason. 2,194,508; Mar. 26.
Clock, Electric. F. D. Norton. 2,224,085; Dec. 3.
Clock, Electric. R. Pudelko. 2,192,329; Mar. 5.
Clock, Electric alarm. R. E. Hutchinson. 2,211,426; Aug. 13.
Clock, Electrically operated sidereal. G. R. McDonald. 2,224,268; Dec. 10.
Clock, Elk. J. W. Clark. 2,200,021; May 7.
Clock, Globe. R. R. Dupler. 2,223,605; Dec. 3.
Clock hand. R. H. Whitehead. 2,213,853; Sept. 3.
Clock housing and receptacle mounting. E. H. Lockwood. 2,221,594; Nov. 12.
Clock, Illuminated. R. M. Wilcox. 2,212,359; Aug. 20.
Clock, Illuminated dial. G. H. Stephens and V. Sussin. 2,226,748; Dec. 31.
Clock mechanism. W. F. Wright. 2,216,482; Oct. 1.
Clock mechanism, Electric. J. Zubeck. 2,203,186; June 4.
Clock, Multiple vision. A. E. Carlson. 2,188,872; Jan. 30.
Clock, Novelty. L. G. Livingston and A. O. Dinsdale. 2,202,214; May 28.
Clock, Program. C. J. Maxwell and H. T. Jackson. 2,214,534; Sept. 10.
Clock, Radio program timing. W. A. Farrell, N. R. Williams, and D. M. Calihan. 2,195,298; Mar. 26.
Clock setting means. O. H. Dicke. 2,185,334; Jan. 2.
Clock, Straight-line. J. L. Schanz. 2,221,413; Nov. 12.
Clock striking mechanism. R. Magro. 2,209,297; July 23.
Clock, Synchronized spring. H. E. Warren. 2,209,802; July 30.
Clock synchronizing and setting device. W. E. Mullan. 2,198,632; Apr. 30.
Clock, Time. B. Moss. 2,191,770; Feb. 27.
Clock time-setting mechanism, Alarm. G. D. Hofe. 2,192,377; Mar. 5.
Clock, Wall. O. Ciccarelli. 2,219,354; Oct. 29.
Clock World. H. Schlacht. Re. 21,494; June 25.
Closet. H. J. Newnes. 2,190,040; Feb. 13.
Closet and the like, Disinfected. E. E. Vipond. 2,207,363; July 9.
Closet, Collapsible. H. Derman. 2,206,767; July 2.
Closet, Double door. H. Derman. 2,200,329; May 14.
Closet seat. G. J. Zaio. 2,219,643; Oct. 29.
Closing means for metal shells. T. O. Kosatka. 2,223,324; Nov. 26.
Closing means for tubes, bottles, or other containers. B. Lindstrom. 2,193,517; Mar. 12.
Closing tool. R. H. Melrath. 2,209,892; July 30.
Closure. E. E. Hoffman. 2,224,296; Dec. 10.
Closure. G. T. Jacocks. 2,226,495; Dec. 24.
Closure. M. A. Pixley. 2,226,017; Dec. 24.
Closure. E. M. Reeder. 2,215,276; Sept. 17.
Closure. H. W. Snodgrass. 2,204,831; June 18.
Closure. H. Spengler. 2,196,877; Apr. 9.
Closure. J. E. Valentine. 2,221,120; Nov. 12.
Closure. H. Wainwright. 2,206,143; July 2.
Closure and making same, Corrosion resisting built-up. F. M. Lambert. 2,197,150; Apr. 16.
Closure and reinforcer for cigarette and like packages. E. Fayer and M. Gonick. 2,219,179; Oct. 22.
Closure applying machine. W. H. Newey. 2,187,429; Jan. 16.
Closure applying machine. W. H. Newey. 2,198,225; Apr. 23.
Closure arrangement. K. H. MacKay. 2,198,121; Apr. 23.
Closure, Automatic paste tube. W. G. Arnold. 2,185,323; Jan. 2.
Closure, Bag. J. F. Ames. 2,197,543; Apr. 16.
Closure, Bottle. M. Samburg. 2,201,791; May 21.
Closure cap. J. C. Gibbs. 2,200,081; May 7.
Closure, Collapsible tube. W. S. Hooper. 2,199,159; Apr. 30.
Closure construction for collapsible tubes. H. S. Hoggatt. 2,200,923; May 14.
Closure, Container. G. O. Conner. 2,205,685; June 25.
Closure, Container. F. W. Nitardy, R. S. Westgate and S. E. Wern. 2,202,021; May 28.
Closure controlling device. B. F. Stannard. 2,200,865; May 14.
Closure device. M. T. Ashe. 2,215,076; Sept. 17.
Closure device. A. R. Glidden. 2,202,653; May 28.
Closure device for battery box covers. K. K. Kugler. 2,204,088; June 11.
Closure device for container opening. H. W. Dodson. 2,220,893; Nov. 12.
Closure device for drums and the like. C. J. Brown. 2,185,171; Jan. 2.
Closure device for mailing tubes. W. D. Glass. 2,222,366; Nov. 19.
Closure device for sealed cooling systems. A. L. Swank. 2,203,801; June 11.
Closure device for vacuum tanks. A. Moon. 2,219,137; Oct. 22.
Closure, Dispensing. R. Nyden. 2,210,596; Aug. 6.
Closure fastener. C. E. Bashe. 2,205,614; June 25.
Closure fastener. S. R. Putnam. 2,213,171; Aug. 27.
Closure fastening device. G. O. Conner and E. H. Bock. 2,216,433; Oct. 1.
Closure, Foldable. E. C. McGuire, H. D. Oberdorfer, and R. H. Van Buskirk. 2,220,939; Nov. 12.
Closure for axle housing, End. W. P. Cox. 2,210,543; Aug. 6.
Closure for beverage coolers. R. H. Guyton. 2,201,435; May 21.
Closure for bottle carriers. J. J. Dietrick. 2,199,832; May 7.
Closure for bottle or the like. M. M. Kisther. 2,212,372; Aug. 20.
Closure for bottles. G. L. Grapp. 2,200,600; May 14.
Closure for bottles. C. C. Kancer. 2,198,117; Apr. 23.
Closure for bottles and receptacles. F. Haggenmiller. 2,195,698; Apr. 2.
Closure for collapsible containers, Delivery. W. J. Winters. 2,197,672; Apr. 16.
Closure for collapsible tubes. W. A. Fritz. 2,189,343; Feb. 6.
Closure for collapsible tubes. F. L. Kates. 2,186,644; Jan. 9.
Closure for collapsible tubes and the like, Hermetically sealed automatic. W. V. Roos. 2,188,191; Jan. 23.
Closure for containers. G. A. Benson. 2,214,399; Sept. 10.
Closure for containers. J. Buono. 2,186,518; Jan. 9.
Closure for containers. N. E. H. Deletzke. 2,193,226–7; Mar. 12.
Closure for containers. H. O. Hoffman. 2,222,771; Nov. 26.
Closure for containers. I. Penn. 2,220,580; Nov. 5.
Closure for containers. R. S. Skinner. 2,205,825; June 25.
Closure for containers. R. W. Wilson. 2,185,284; Jan. 2.
Closure for containers, Adjustable. J. W. McNeil. Re. 21,662; Dec. 17.
Closure for containers for aerated beverages. H. S. and M. S. Bravo. 2,185,290; Jan. 2.
Closure for dispensing containers. H. K. Mulford, E. S. Paisley, and A. F. Peters. 2,202,163; May 28.
Closure for heat exchangers. J. Price. 2,192,328; Mar. 5.
Closure for jars and other receptacles, Venting. H. Ingram. 2,193,420; Mar. 12.
Closure for jars and the like. G. J. Overmyer. 2,195,422; Apr. 2.
Closure for jars, cans, and other receptacles. H. Ingram. 2,198,366; Apr. 23.
Closure for locomotive cabs, Winter. O. Jabelmann. 2,208,982; July 23.
Closure for milk bottles and the like. K. Clark. 2,207,853; July 16.
Closure for paper bags. W. Pletscher. 2,203,924; June 11.
Closure for paper bags, Antifiltering. J. S. Simpson. 2,216,857; Oct. 8.
Closure for pressure vessels. G. Ericsson. 2,213,161; Aug. 27.
Closure for pressure vessels, High pressure. J. P. Rathbun. 2,213,410; Sept. 3.
Closure for receptacles. G. W. Poppe. 2,201,592; May 21.
Closure for receptacles. P. M. Thorn. 2,206,209; July 2.
Closure, High pressure. G. L. Kothny. 2,190,716; Feb. 20.
Closure means. A. W. Wheaton. 2,191,902; Feb. 27.
Closure means. E. E. White. 2,213,601; Sept. 3.
Closure means for containers, Nozzle. A. H. Church. 2,209,050; July 23.
Closure means for containers, Nozzle. A. C. Lusher. 2,209,062; July 23.
Closure means for headwear, Adjustable. H. K. Jacobi. 2,194,043; Mar. 19.
Closure means for reels. A. B. Brown. 2,210,524; Aug. 6.
Closure, Mechanical. H. T. Kraft. 2,214,732; Sept. 17.
Closure mechanism, Railway car refrigerator hatch. A. W. L. Hartbauer. 2,192,440; Mar. 5.
Closure member. C. L. Brown, Jr. 2,220,060; Nov. 5.
Closure members stamped from a band, Separating. W. Stäubli. 2,201,058; May 14.
Closure of paper and the like for containers made of paper and the like. M. E. Gazette. 2,217,619; Oct. 8.
Closure, Oil well bomb. W. Y. Bleakley. 2,213,685; Sept. 3.
Closure operator and lock. W. D. Johnston. 2,216,668; Oct. 1.
Closure or cap for tubes, Expansion end. J. F. Levan. 2,218,581; Oct. 22.
Closure, Outlet box. E. N. Allen and R. L. Hinckley. 2,204,006; June 11.
Closure, Paste tube. A. A. Rue. 2,197,082; Apr. 16.
Closure preparing and feeding mechanism. H. F. Glunz. 2,196,209; Apr. 9.
Closure, Pressure-seated. F. C. Barber. 2,191,066; Feb. 20.
Closure retaining means for containers. F. L. Lloyd. 2,208,463; July 16.
Closure sleeves for containers, Process and apparatus for making. S. N. Dalton. 2,220,221; Nov. 5.
Closure, Slide. D. I. Reiter. 2,192,017; Feb. 27.
Closure, Tamperproof. M. Samburg. 2,201,205; May 21.
Closure, Tooth paste tube. C. and C. B. Johnson. 2,196,530; Apr. 9.
Closure, Vertically slidable. N. R. Guilbert, Jr. 2,209,680; July 30.

Closures for containers, Manufacture of. J. Buono. 2,186,519; Jan. 9.
Closures, Latching and unlatching swinging. P. J. Pracchia. 2,194,871; Mar. 26.
Closures, Method and apparatus for forming metal. J. J. Williams and J. Bauman. 2,215,731; Sept. 24.
Closures, Method and apparatus for forming metal. J. J. Williams and J. Bauman. 2,215,845; Sept. 24.
Closures to cartons, Applying and attaching metallic end. J. M. Frederick. 2,203,955; June 11.
Cloth and paper, Combining. J. V. Bauer and D. M. Hawley. 2,197,754; Apr. 23.
Cloth beam clutch. W. H. Bahan. 2,226,277; Dec. 24.
Cloth board for Axminster looms, Self-cleaning. C. E. Brown. 2,224,592; Dec. 10.
Cloth bolt machine. H. C. Davis. 2,195,769; Apr. 2.
Cloth cutter. W. J. Vanstory. 2,210,136; Aug. 6.
Cloth erasing tool. H. Lovice. 2,214,084; Sept. 10.
Cloth fastening means, Ironing board. L. Scanlon. 2,210,601; Aug. 6.
Cloth finishing. W. N. Hadley. 2,197,147; Apr. 16.
Cloth folding machine. C. H. Coolidge and L. F. Remington. 2,196,103; Apr. 2.
Cloth inspecting machine. L. F. Remington. 2,205,630; June 25.
Cloth inspecting machine. L. F. Remington. 2,219,701; Oct. 29.
Cloth laying machine. M. Breth. 2,196,823; Apr. 9.
Cloth laying machine. M. Breth. 2,217,096; Oct. 8.
Cloth laying machine. C. C. Schneider. 2,203,970; June 11.
Cloth, Making waterproof. C. S. Hyatt and W. D. Hedge. 2,188,901; Feb. 6.
Cloth marking apparatus. L. Hamrick. 2,209,520; July 30.
Cloth, Method and apparatus for producing measured lengths of. R. B. Pierson. 2,208,774; July 23.
Cloth, Shoe dressing and polishing. J. C. Hester. 2,205,063; June 18.
Cloth shrinking machine. G. A. Schreiner. 2,199,011; Apr. 30.
Cloth, Supporting and tensioning screen. L. G. Symons. 2,213,773; Sept. 3.
Cloth, Treating. H. A. Woodhead. 2,217,534; Oct. 8.
Cloth winding mechanism. B. A. and R. C. Parkes. 2,220,613; Nov. 5.
Cloths, Cleansing filter. A. Volz. 2,198,847; Apr. 30.
Clothes and wash line, Safety. G. Grandone. 2,185,845; Jan. 2.
Clothes drier. B. W. Moore. 2,205,904; June 25.
Clothes drier. W. F. Woods. 2,198,299; Apr. 23.
Clothes drier, Centrifugal. C. E. Morgenstern. 2,186,263; Jan. 9.
Clothes fastener. L. H. Gillett. 2,220,601; Nov. 5.
Clothes hanger. T. J. Bryan. 2,196,965; Apr. 9.
Clothes hanger, Automobile. G. J. Marzilli. 2,219,076; Oct. 22.
Clothes line and clothes pin, Combination. W. Bauer. 2,213,376; Sept. 3.
Clothesline bracket. W. A. Bush. 2,206,345; July 2.
Clothesline fastener. F. J. Salzer. 2,193,383; Mar. 12.
Clothesline hanger. P. J. Casserly. 2,189,626; Feb. 6.
Clothesline hanger. H. G. J. Jutras and J. R. Lacharité. 2,226,820; Dec. 31.
Clothesline holder. H. Falk. 2,206,174; July 2.
Clothesline, Hook. F. H. McLain. 2,187,325; Jan. 16.
Clothesline support. C. Carvotta. 2,207,852; July 16.
Clothesline support. H. E. Dennis. 2,210,568; Aug. 6.
Clothesline supporting structure. P. Davis. 2,202,193; May 28.
Clothespin. M. R. Kislingbury and E. E. Runge. 2,209,697; July 30.
Clothespin. F. W. McGugin. 2,202,352; May 28.
Clothespin. C. E. Noll. 2,210,214; Aug. 6.
Clothes pin. G. L. Reenstierna. 2,227,106; Dec. 31.
Clothespin. F. Romano. 2,215,336; Sept. 17.
Clothespin. H. B. Smith. 2,206,733; July 2.
Clothespin. H. O. Woods. 2,185,285; Jan. 2.
Clothes prop holder. A. N. Sinclair and J. Reilly. 2,226,983; Dec. 31.
Clothes rack. R. J. Swably. 2,198,584; Apr. 23.
Clover and alfalfa hulling attachment for threshing machines and combines. H. Fank. 2,202,760; May 28.
Club and firearm, Combination. J. M. Bohler. 2,195,690; Apr. 2.

Clutch: *See*—

Air-liquid clutch.	One-way clutch.
Automatic clutch.	Overload clutch.
Brake lever clutch.	Overrunning clutch.
Centrifugal clutch.	Power clutch.
Cloth beam clutch.	Power drive clutch.
Cushioned friction clutch.	Reverse clutch.
Escapement clutch.	Safety clutch.
Friction clutch.	Semiautomatic clutch
Gear reverse clutch.	Synchronizing clutch.
Hydraulic clutch.	Vacuum power clutch.
Hydraulically operated clutch.	Vehicle clutch.

Clutch. H. T. Barker. 2,219,097; Oct. 22.
Clutch. P. H. Batten and K. L. Bastrup. 2,204,879; June 18.
Clutch. P. H. Batten and D. W. Morris. 2,204,337; June 11.
Clutch. A. R. Coe. 2,201,676; May 21.
Clutch. A. R. Coe. 2,217,357; Oct. 8.
Clutch. W. T. Dunn. 2,215,690; Sept. 24.
Clutch. C. M. Eason. 2,192,301; Mar. 5.
Clutch. C. M. Eason. 2,203,862; June 11.
Clutch. T. L. Fawick. 2,193,481; Mar. 12.
Clutch. H. D. Geyer. 2,221,399; Nov. 12.
Clutch. C. W. Higgs. 2,194,793; Mar. 26.
Clutch. V. C. Hodges. 2,226,227; Dec. 24.
Clutch. G. Hunt. 2,201,340; May 21.
Clutch. G. Hunt. 2,222,508; Nov. 19.
Clutch. L. V. Maddox. 2,195,779; Apr. 2.
Clutch. W. C. McCoy. 2,185,986; Jan. 2.
Clutch. G. E. Miller. 2,218,826; Oct. 22.
Clutch. G. E. Ross. 2,208,518; July 16.
Clutch. H. L. Scherer. 2,185,714; Jan. 2.
Clutch. D. W. Walters. 2,201,567; May 21.
Clutch. E. E. Wemp. 2,206,988; July 9.
Clutch. J. M. Weydell. 2,214,391; Sept. 10.
Clutch. W. S. Wolfram. 2,211,191; Aug. 13.
Clutch. M. Wolsky. 2,199,251; Apr. 30.
Clutch. C. G. Wood. 2,220,564–6; Nov. 5.
Clutch actuating mechanism, Automatic. J. H. K. and H. J. De N. McCollum. 2,219,270; Oct. 22.
Clutch and brake, Friction. K. Keck. 2,193,068; Mar. 12.
Clutch and brake mechanism. W. R. Freeman. 2,201,125; May 14.
Clutch and brake mechanism, Combined. L. C. Meyers and C. O. Hersam. 2,205,989; June 25.
Clutch and brake mechanism, Hydraulic. J. Haller. 2,204,589; June 18.
Clutch and brake mechanism, Hydraulic. M. Kessler. 2,191,320; Feb. 20.
Clutch and brake unit. L. R. Williamson. 2,221,014; Nov. 12.
Clutch and gear operating mechanism for motor vehicles. J. S. Irving. 2,195,030; Mar. 26.
Clutch and gearshift, Combined vacuum operated. D. F. Linsley. 2,226,205; Dec. 24.
Clutch and power transmission, Hydraulic. A. Kosian. 2,211,234; Aug. 13.
Clutch and transmission, Fluid. J. M. Walton and J. E. Darby. 2,195,793; Apr. 2.
Clutch assemblage, Power. A. R. Stone. 2,204,554; June 18.
Clutch attachment. E. O. Shreffler and A. D. Lesage. 2,201,838; May 21.
Clutch automatic transmission, Multiple. B. A. Swennes. 2,189,537; Feb. 6.
Clutch construction. W. C. Starkey. 2,219,877; Oct. 29.
Clutch construction, Air cooled. C. D. Peterson. 2,205,629; June 25.
Clutch construction for power drives, Reversing. W. C. Starkey. 2,214,487; Sept. 10.
Clutch construction, Magnetic. E. C. Kiekhaefer. 2,209,776; July 30.
Clutch control apparatus. J. L. Moulder. 2,214,201; Sept. 10.
Clutch control device. H. E. Clarke. 2,215,496; Sept. 24.
Clutch control for braking flywheels. J. H. Friedman. 2,220,517; Nov. 5.
Clutch control, Liquid automobile. R. H. Kress. 2,191,669; Feb. 27.
Clutch control means. R. S. Sanford. 2,185,272; Jan. 2.
Clutch control mechanism. C. S. Bragg. 2,209,594; July 30.
Clutch control mechanism. C. S. Bragg. 2,217,940; Oct. 15.
Clutch control mechanism. A. A. Hodgkins. 2,197,470; Apr. 16.
Clutch control mechanism. V. W. Kliesrath. 2,217,956; Oct. 15.
Clutch control mechanism. R. L. Neill. 2,197,480; Apr. 16.
Clutch control mechanism. C. R. Paton. 2,217,965; Oct. 15.
Clutch control mechanism. H. W. and E. R. Price. 2,194,768; Mar. 26.
Clutch control mechanism. H. W. and E. R. Price. 2,212,954; Aug. 27.
Clutch control mechanism. H. W. and E. R. Price. 2,215,716; Sept. 24.
Clutch control mechanism. H. W. and E. R. Price. 2,227,274; Dec. 31.
Clutch control mechanism. R. S. Sanford. 2,192,018; Feb. 27.
Clutch control mechanism. K. A. Sylvester. 2,198,321; Apr. 23.
Clutch control mechanism. W. S. Watts. 2,217,976; Oct. 15.
Clutch control, Motor vehicle. C. A. Brewer. 2,216,466; Oct. 1.
Clutch control, Vacuum. R. S. Sanford. 2,185,273; Jan. 2.
Clutch coupling. M. F. Huebsch. 2,209,774; July 30.
Clutch device. E. R. Evans. 2,218,379; Oct. 15.
Clutch device. H. Kattwinkel. 2,204,499; June 11.
Clutch driven plate. G. Hunt. 2,201,339; May 21.
Clutch driven plate. W. S. Wolfram. 2,221,463; Nov. 12.
Clutch driving mechanism, Friction. M. Katzman. 2,208,513; July 16.
Clutch facing, Friction. H. D. Geyer. 2,221,400; Nov. 12.

Clutch for airplane generators. E. E. Arnold. 2,214,602; Sept. 10.
Clutch for punch presses. J. E. Loshbough. 2,204,421; June 11.
Clutch for radio. W. H. Hutchins and C. T. Wallis. 2,195,652; Apr. 2.
Clutch for speed change and other gearing. G. H. Fraser. 2,195,410; Apr. 2.
Clutch lock. E. C. Weiher. 2,208,807; July 23.
Clutch means for transmission means. V. Gieasman. 2,226,309; Dec. 24.
Clutch mechanism. A. Backstrom. 2,208,111; July 16.
Clutch mechanism. H. Baer. 2,225,939; Dec. 24.
Clutch mechanism. F. C. Best. 2,201,149; May 21.
Clutch mechanism. A. Burnett. 2,201,715; May 21.
Clutch mechanism. L. J. Campbell. 2,208,747; July 23.
Clutch mechanism. H. D. Colman. 2,207,051; July 9.
Clutch mechanism. C. Doering. 2,186,100; Jan. 9.
Clutch mechanism. P. E. Double. 2,191,983; Feb. 27.
Clutch mechanism. F. E. Fisher. 2,212,395; Aug. 20.
Clutch mechanism. R. M. Nardone. 2,193,039; Mar. 12.
Clutch mechanism. K. R. Schneider. 2,206,646; July 2.
Clutch mechanism. A. E. Young. 2,204,241; June 11.
Clutch mechanism, Automatic hydraulic. L. Gaddoni. 2,213,836; Sept. 3.
Clutch mechanism for ironer mechanism. F. A. Parish. 2,193,538; Mar. 12.
Clutch mechanism, Reversible. G. Fryfogle. 2,194,015; Mar. 19.
Clutch-operated control. V. W. Farris. 2,200,878; May 14.
Clutch operating apparatus. O. A. Ross. 2,218,723; Oct. 22.
Clutch-operating mechanism. V. S. Penote. 2,186,653; Jan. 9.
Clutch operating mechanism, Automatic. R. C. Russell. 2,189,225; Feb. 6.
Clutch-operating mechanism, Manually controllable automatic. J. H. K. and H. J. D. McCollum. 2,193,487; Mar. 12.
Clutch operation for motor vehicles, Automatic. J. O. Gette, Jr. 2,208,865; July 23.
Clutch or the like. C. Schürmann. 2,189,930; Feb. 13.
Clutch or transmission, Fluid. G. W. Owens. 2,195,901; Apr. 2.
Clutch or transmission, Hydraulic. E. C. Hill. 2,195,778; Apr. 2.
Clutch plate. H. Friedman. 2,210,074; Aug. 6.
Clutch plate. G. H. Johnson. 2,221,800; Nov. 19.
Clutch plate. J. V. O. Palm and H. W. Luetkemeyer. 2,190,994; Feb. 20.
Clutch plate. W. V. Thelander. 2,221,823; Nov. 19.
Clutch plate. C. G. Wood. 2,197,232; Apr. 16.
Clutch plate construction. C. G. Wood. 2,202,132; May 28.
Clutch pressure plate. G. T. Jarrett. 2,190,874; Feb. 20.
Clutch transmission mechanism, Selectively controlled. A. H. Jessen. 2,208,674; July 23.
Clutch unit, Power. R. K. Pepper and S. C. V. Pepper. 2,210,598; Aug. 6.
Clutch, Vacuum power. H. J. D. and J. H. K. McCollum. Re. 21,491; June 25.
Clutch ventilation. H. O. Schjolin. 2,198,792; Apr. 30.
Clutch with hydraulically compressed disks. A. Kégresse. 2,199,523; May 7.
Coach arrangement, Sleeper. H. G. McCarroll. 2,208,679; July 23.
Coach construction. H. E. Fox. 2,189,139; Feb. 6.
Coach lock. A. C. Andersen. 2,186,058; Jan. 9.
Coach lock. A. C. Andersen. 2,212,000; Aug. 20.
Coagulant composition. G. T. Buchanan. 2,221,214; Nov. 12.
Coagulation. W. S. Calcott and H. W. Starkweather. 2,187,146; Jan. 16.
Coagulation. W. J. Hughes. 2,223,764; Dec. 3.
Coal and other carbonaceous substances, Distillation of. R. Nisbet. 2,223,897; Dec. 3.
Coal and the like, Protecting. G. M. Wattles. 2,204,781; June 18.
Coal, Cleaning. T. F. Downing, Jr. 2,212,264; Aug. 20.
Coal cutter. R. T. Baugh. 2,193,387; Mar. 12.
Coal cutting machine. J. J. Cline. 2,187,301; Jan. 16.
Coal cutting machine. H. D. and L. V. Fanning. 2,200,419; May 14.
Coal cutting machine. O. F. Lewis. 2,189,670; Feb. 6.
Coal, Hydrogenation of. B. S. Biggs and J. F. Weiler. 2,215,206; Sept. 17.
Coal mining machine. J. F. Joy. 2,205,012; June 18.
Coal mining machine. O. T. Porter. 2,202,962; June 4.
Coal mining tool. N. A. Acordi. 2,225,852; Dec. 24.
Coal, Preparing. J. L. Eigenbrot. 2,189,711; Feb. 6.
Coal, Washing. W. M. Cross, Jr. 2,205,942; June 25.
Coal washing machine. T. McNally. 2,217,286; Oct. 8.
Coals, Treating sulphur bearing. J. C. Nelms. 2,204,148; June 11.
Coaster. L. L. Campbell. 2,215,633; Sept. 24.
Coaster. I. S. Leggitt. 2,198,942; Apr. 30.
Coaster brake. A. H. Bernier. 2,186,816; Jan. 9.
Coaster brake. I. G. Gee. 2,224,907; Dec. 17.
Coaster brake. W. J. Hatton. 2,208,073; July 16.
Coaster brake. S. B. Kurzina, Jr. 2,213,165; Aug. 27.
Coasting device. L. E. Prickman. 2,219,905; Oct. 29.
Coasting device, Monorunner. R. Grimm. 2,188,080; Jan. 23.
Coat. I. Spencer. 2,209,797; July 30.
Coat and shirt display form. B. Oestricher. 2,211,578; Aug. 13.
Coat and skirt hanger, Combined. H. F. Shannon. 2,215,769; Sept. 24.
Coat and trousers hanger. W. H. Batts. 2,220,313; Nov. 5.
Coat, Half-lined. N. Barbieri. 2,195,806; Apr. 2.
Coat hanger cover. S. W. Nettles. 2,192,237; Mar. 5.
Coat, Reversible. S. E. Nasher. 2,225,125–6; Dec. 17.
Coated and impregnated fabric. D. E. Edgar and P. Robinson. 2,201,891; May 21.
Coated article, Flexible. W. H. Carothers. 2,188,332; Jan. 30.
Coated material, Granular. R. L. Melton, R. C. Benner, and H. P. Kirchner. 2,201,195; May 21.
Coated welding rod. A. R. Lytle and T. H. Vaughn. 2,199,440; May 7.
Coating. J. A. Mitchell. 2,213,252; Sept. 3.
Coating. J. D. Murray. 2,204,550; June 18.
Coating and applying the same to fibrous surfaces. D. P. Moore. 2,185,217; Jan. 2.
Coating and filling material. H. D. Meincke. 2,224,520; Dec. 10.
Coating and impregnating composition and method of coating surfaces. A. H. Stuart. 2,196,128; Apr. 2.
Coating and method of application, Anticorosive and antifouling. G. C. Cox. 2,200,469; May 14.
Coating apparatus. R. C. Benner, R. L. Melton, and H. P. Kirchner. 2,194,253; Mar. 19.
Coating apparatus. H. P. Culver. 2,213,206; Sept. 3.
Coating apparatus. W. A. Smith. 2,209,006; July 23.
Coating applicator and smoothing attachment. J. K. M. Harrison. 2,194,701; Mar. 26.
Coating, Colored surface. L. Guild. 2,186,721; Jan. 9.
Coating composition. F. M. Beegle and H. L. Andrews, Jr. 2,216,180; Oct. 1.
Coating composition. J. W. Clough. 2,204,981; June 18.
Coating composition. W. P. Colio. 2,225,256; Dec. 17.
Coating composition. G. R. Ensminger. 2,214,127; Sept. 10.
Coating composition. G. R. Ensminger. 2,214,667; Sept. 10.
Coating composition. C. R. Hill. 2,220,152; Nov. 5.
Coating composition. C. B. Hollabaugh. 2,212,603; Aug. 27.
Coating composition. R. T. Hucks. 2,191,530; Feb. 27.
Coating composition. I. W. Humphrey and J. N. Borglin. 2,197,047; Apr. 16.
Coating composition. G. D. Martin. 2,209,088; July 23.
Coating composition. G. D. Martin. 2,225,918–20; Dec. 24.
Coating composition. A. Siegel. 2,225,664; Dec. 24.
Coating composition. C. K. Sloan and G. D. Patterson. 2,192,953; Mar. 12.
Coating composition. P. A. van der Meulen. 2,211,992; Aug. 20.
Coating composition and method. E. T. Clocker. 2,188,884; Jan. 30.
Coating composition for metals, Protective. E. A. Nill. 2,223,458; Dec. 3.
Coating composition from vinylidene chloride resins, Thermally stable. G. H. Young. 2,224,944; Dec. 17.
Coating composition, preparing the same, and its application. M. B. Chittick. 2,194,439; Mar. 19.
Coating compositions. E. R. Allen, J. B. Bullitt, Jr., and H. H. Hopkins. 2,191,947; Feb. 27.
Coating compositions, Manufacture of pigmented. W. Charlton, R. Hill, E. E. Walker, and R. B. Waters. 2,199,557; May 7.
Coating compound. A. W. Johnson and G. H. Young. 2,208,216; July 16.
Coating container. P. Kaiser. 2,186,383; Jan. 9.
Coating device. A. W. Bateman. 2,196,692; Apr. 9.
Coating, Elastic. W. J. Anderson and S. S. Rosen. 2,203,274; June 4.
Coating, Electrically insulating. B. Stålhane. 2,218,058; Oct. 15.
Coating, Enteric. G. D. Hiatt. 2,196,768; Apr. 9.
Coating, Enteric. E. H. Volwiler and M. B. Moore. 2,205,111; June 18.
Coating equipment. R. Boice. 2,196,894; Apr. 9.
Coating evening means for paper laminating machines. G. W. Charters. 2,221,441; Nov. 12.
Coating for copper wires, Protective. W. Dietloff. 2,196,855; Apr. 9.
Coating for frozen products, Making edible. R. C. Vogel, R. W. Coblentz, and W. A. Capstick. 2,207,034; July 9.
Coating for fruits, Protective. T. R. Belzer. 2,186,691; Jan. 9.
Coating for gas filtering mediums, Liquid. W. J. Marsh. 2,211,468; Aug. 13.
Coating for photographic film, Removable. G. F. Nadeau and A. D. Slack. 2,211,346–7; Aug. 13.
Coating machine. P. O. Blackmore. 2,213,117; Aug. 27.
Coating machine. L. B. Case. 2,219,979; Oct. 29.
Coating machine. C. A. Dickhaut and L. B. Case. 2,214,787; Sept. 17.
Coating machine. F. Eberhart. 2,189,783; Feb. 13.
Coating machine. H. J. Paynter. 2,185,223; Jan. 2.
Coating machine. C. E. Quick. 2,188,485; Jan. 30.
Coating machine. J. G. Swab. 2,195,101; Mar. 26.

Coating machine. J. I. Tickelis. 2,195,323; Mar. 26.
Coating material, Light-diffusing. W. E. Koerner. 2,187,622; Jan. 16.
Coating method. W. R. Collings and J. J. Hoeltzel. 2,186,957; Jan. 16.
Coating process. O. B. Crowell and F. A. McGregor. 2,196,060; Apr. 2.
Coating process and product. F. V. Lofgren. 2,212,525; Aug. 27.
Coating, Protective. H. L. Baron. 2,201,981; May 28.
Coating, Protective. P. W. Felt. 2,210,167; Aug. 6.
Coating with thermoplastics. J. W. Pratt and H. Boothroyd. 2,221,880; Nov. 19.
Coatings on magnesium and the alloys thereof, Producing protective. J. Fischer and W. Richter. 2,197,611; Apr. 16.
Coatings on zinc and galvanized articles, Producing. O. Brill. 2,219,977; Oct. 29.
Coatings, Protection of temporary protective. P. C. Rader. 2,210,177; Aug. 6.
Coatings to fibers in mat form, Applying. A. L. Simison and H. W. Collins. 2,189,840; Feb. 13.
Coats. O. F. Weisend. 2,226,486; Dec. 24.
Co-carboxylase, Preparing. H. Tauber. 2,188,323; Jan. 30.
Co-carboxylase, Purifying. J. Weijlard. 2,224,174; Dec. 10.
Cock, Ball. F. C. Robertshaw. 2,198,416; Apr. 23.
Cock, Gas. R. E. Schoenberger. 2,203,395; June 4.
Cock, Gauge. J. W. Ellis and W. J. Davidson. 2,190,938; Feb. 20.
Cock, Lubricated plug. B. S. Aikman. 2,187,926; Jan. 23.
Cock or valve. R. W. Leach. 2,190,602; Feb. 13.
Cocking mechanism for automatic firearms. W. Rossmanith. 2,202,232; May 28.
Cockroach trap. V. C. Neuens. 2,210,253; Aug. 6.
Coding apparatus. W. P. Place. 2,205,909; June 25.
Coding mechanism. E. S. Larson. 2,207,744; July 16.
Coffee. S. Musher. 2,198,207; Apr. 23.
Coffee and apparatus therefor, Roasting. D. W. Adams and R. L. Schuhmann. 2,185,878; Jan. 2.
Coffee and preparing the same. M. Weisman. 2,224,942; Dec. 17.
Coffee and preserving same. C. Reynolds. 2,210,819; Aug. 6.
Coffee bean molding compound and process. H. S. Polin. 2,207,069; July 9.
Coffee container. W. E. Barnard. 2,190,203; Feb. 13.
Coffee, Decaffeinating. E. Bürgin. 2,198,859; Apr. 30.
Coffee, Determining the character of. W. R. Johnston. 2,202,385; May 28.
Coffee filter. A. Coniglio. 2,224,378; Dec. 10.
Coffee, Improving the flavor of. G. Evans. 2,188,179; Jan. 23.
Coffee infuser. E. Weinberger. 2,187,187; Jan. 16.
Coffee maker. H. G. Davis. 2,224,672; Dec. 10.
Coffee maker. I. Jepson and E. Bylund. 2,223,450; Dec. 3, 1940.
Coffee maker. C. D. Keaton. 2,212,100; Aug. 20.
Coffee maker. R. W. Pinckney. 2,215,837; Sept. 24.
Coffee maker. J. W. Myers. 2,192,095; Feb. 27.
Coffee maker. O. R. Schurig. 2,209,831; July 30.
Coffee maker of the vacuum type. J. M. Kennard. 2,212,320; Aug. 20.
Coffee making apparatus. G. W. Risien and C. Forschner. 2,210,126; Aug. 6.
Coffee-making device. A. A. Peters. 2,190,270; Feb. 13.
Coffee making machine. J. M. F. Oyen. 2,206,424; July 2.
Coffee making machine. J. M. F. Oyen and J. A. Svendsgaard. 2,194,807; Mar. 26.
Coffee measuring device. C. L. Zellers. 2,190,111; Feb. 13.
Coffee, Method of roasting. R. D. Kneale and H. Cannon. 2,212,120; Aug. 20.
Coffee mill. D. A. Meeker. 2,213,606; Sept. 3.
Coffee mill. D. A. Meeker. 2,217,069; Oct. 8.
Coffee mill. D. A. Meeker. 2,223,260; Nov. 26.
Coffee percolator. R. H. Fay. 2,185,840; Jan. 2.
Coffeepot. A. Pagliuco. 2,190,522; Feb. 13.
Coffeepot or the like. H. G. Zoia. 2,211,486; Aug. 13.
Coffee processing. W. Kappenberg. 2,204,896; June 18.
Coffee roasting apparatus. A. C. Waldvogel. 2,188,969; Feb. 6.
Coffee, Treatment of. S. Musher. 2,198,206; Apr. 23.
Coffee, Vitaminizing. F. Geitz, Jr. 2,206,319; July 2.
Coil and condenser assembly for high frequency purposes. A. Kaufman. 2,198,437; Apr. 23.
Coil and condenser assembly, Inductance. L. Hartl. 2,222,770; Nov. 26.
Coil binding machine. P. E. Chapman. 2,224,180; Dec. 10.
Coil cleaner. F. B. Brink. 2,208,957; July 23.
Coil cleaning method. G. M. Gump. 2,189,950; Feb. 13.
Coil, Deflecting. E. Ruska. 2,186,595; Jan. 9.
Coil, Electrical. R. V. Boyer. 2,195,233; Mar. 26.
Coil, Electrical. W. H. Pagenkopf. 2,193,980; Mar. 19.
Coil, Electromagnetic focusing. D. V. Ridgeway. 2,202,505; May 28.
Coil for deviating cathode rays, Magnetic. R. Andrieu and R. Schienemann. 2,227,053; Dec. 31.
Coil handling apparatus. R. O. Krengel. 2,193,765; Mar. 12.
Coil handling device. F. L. Wettengel. 2,198,644; Apr. 30.
Coil, Heating. F. E. Bliss. 2,195,142; Mar. 26.
Coil heating, Metal strip. D. Edge. 2,201,308; May 21.
Coil, Inductance. H. W. Cox. 2,188,651; Jan. 30.
Coil, Induction. W. Six and G. Holst. 2,220,126; Nov. 5.
Coil installation and fastener for the same, Electrical. W. C. MacFadden. 2,211,728; Aug. 13.
Coil making apparatus. J. A. Olesen. 2,225,180; Dec. 17.
Coil mounting. I. L. Glerum. 2,215,422; Sept. 17.
Coil positioning device. L. E. Poole. 2,192,801; Mar. 5.
Coil retainer. L. E. Poole. 2,205,822; June 25.
Coil stripper. H. H. Talbot. 2,185,360; Jan. 2.
Coil support. C. R. Hower. 2,194,502; Mar. 26.
Coil support for electromagnets. G. C. Armstrong and D. Ellis. 2,205,234; June 18.
Coil system. W. L. Dunn. 2,196,147; Apr. 2.
Coil system, Coupled. E. A. van Yzeren. 2,215,803; Sept. 24.
Coil testing apparatus. C. Paulson. 2,213,848; Sept. 3.
Coil transfer means. L. W. Nash and G. A. Martin. 2,207,893; July 16.
Coil, Variable. J. Swarbrick. 2,223,080; Nov. 26.
Coil winding device, Transformer. H. M. Sanders. 2,199,116; Apr. 30.
Coil winding machine. P. E. Chapman. 2,186,820; Jan 9.
Coil winding machine. F. Martindell. 2,220,256; Nov. 5.
Coil winding machine. J. E. Papin and H. H. Black. 2,192,618; Mar. 5.
Coil winding machine. W. F. Saul. 2,194,248; Mar. 19.
Coilable measuring device. F. A. Volz. 2,207,277; July 9.
Coiled wire holder. K. C. Jenne and G. F. Manion. 2,197,180; Apr. 16.
Coiler. J. F. Spellacy. 2,207,832; July 16.
Coiler for metal strip and method of coiling, Tight. J. E. Ashworth. 2,196,091; Apr. 2.
Coiler, Strip. G. F. Paul. 2,212,243; Aug. 20.
Coiling and nesting device for flexible strip material. K. M. Fritts. 2,220,481; Nov. 5.
Coiling means for metal bands for the purpose of heat treating the same. E. Weisser. 2,224,997; Dec. 17.
Coiling reel. G. P. Lessmann. 2,195,008; Mar. 26.
Coiling reel. A. B. Montgomery. 2,219,150; Oct. 22.
Coils, Annealing mandrelless. F. E. Sutter. 2,197,533; Apr. 16.
Coils for shipment and package structure, Packaging. A. F. Murphy. 2,212,180; Aug. 20.
Coils, Forming armature. K. H. Weber. 2,215,307; Sept. 17.
Coils, Manufacture of electrical. F. Martindell. 2,218,118; Oct. 15.
Coils, Method and apparatus for pickling metal. A. J. R. Greer. 2,196,210; Apr. 9.
Coils, Method and apparatus for pickling metal. S. Nyberg and H. C. Cappel. 2,216,211; Oct. 1.
Coils, Method and apparatus for recoiling metal. A. F. R. Greer. 2,191,463; Feb. 27.
Coils, Method and mechanism for preforming wire. F. C. Stephens. 2,223,011; Nov. 26.
Coils, Winding. K. K. Roby and E. W. Borge. 2,214,384; Sept. 10.
Coin actuated switch. M. A. Hall. 2,213,651; Sept. 3.
Coin and ticket receptacle. J. H. Weatherford. 2,199,086; Apr. 30.
Coin attachment. K. V. Bostian. 2,196,850; Apr. 9.
Coin chute. B. C. Grunig. 2,185,980; Jan. 2.
Coin chute. B. C. Grunig. 2,212,861; Aug. 27.
Coin collecting apparatus. C. M. Hancock. 2,201,089; May 14.
Coin collecting apparatus. J. M. Melick. 2,220,168; Nov. 5.
Coin collector. F. A. Hoyt. 2,204,083; June 11.
Coin collector apparatus. D. G. Blattner. 2,204,747; June 18.
Coin control device. C. R. Spare and C. H. Lapsley. 2,197,488; Apr. 16.
Coin control unit. J. W. Srodulski. 2,193,210; Mar. 12.
Coin controlled lock. G. A. Long. 2,215,374; Sept. 17.
Coin controlled mechanism. B. S. Watling. 2,224,559; Dec. 10.
Coin controlled mechanism for vending machines. L. H. Morin. 2,223,328; Nov. 26.
Coin feeding machine. J. Kiss. 2,222,713; Nov. 26.
Coin handling apparatus. P. H. Smyth, Jr. 2,198,683; Apr. 30.
Coin handling device. C. A. Toce, R. F. Broussard, and W. N. Woodruff. 2,197,086; Apr. 16.
Coin-operated device. F. R. Butherus. 2,202,897; June 4.
Coin or token handling apparatus. E. Goodman. 2,204,853; June 18.
Coin or token mechanism. H. A. Gersbach. 2,193,962; Mar. 19.
Coin packer. M. L. Slottsky. 2,215,858; Sept. 24.
Coin rack. R. F. Bennett. 2,221,072; Nov. 12.
Coin receptacle. W. J. Herschede, W. Eberhardt, and W. F. Herschede. 2,219,131; Oct. 22.
Coin release mechanism. S. E. Van Tuyl, E. Mihalek, and C. Szyper. 2,223,052; Nov. 26.
Coin separator. W. A. Tratsch. 2,222,863; Nov. 26.
Coin selector. B. W. Fry and J. Gottfried. 2,186,862; Jan. 9.

Coin selector. J. Gottfried and B. W. Fry. 2,186,863; Jan. 9.
Coin slide device. G. O. Leggett. 2,212,714; Aug. 27.
Coin slide structure, Visible. A. Dahlstrom. 2,204,845; June 18.
Coincidental lock. J. W. Fitz Gerald. 2,221,082; Nov. 12.
Coincidental lock. C. B. Lowe. 2,199,226; Apr. 30.
Coke chamber line. A. J. King. 2,196,336; Apr. 9.
Coke cleaning apparatus. G. W. Wheat. 2,205,757; June 25.
Coke, Cooling low temperature. A. A. Archer and R. E. Zimmerman. 2,199,945; May 7.
Coke from hydrocarbon residues, Making. A. P. Sachs. 2,205,631; June 25.
Coke from the metallic walls of coke ovens and other carbonizing chambers, Freeing. F. Puening. 2,213,533; Sept. 3.
Coke, Making. E. W. Rice and W. J. Buchele. Re. 21,651; Dec. 3.
Coke, Manufacture of. H. G. Schnetzler. 2,199,759; May 7.
Coke, Method and apparatus for forming. V. Mekler and A. H. Schutte. 2,226,501; Dec. 24.
Coke oven charge leveling apparatus. J. S. Potter. 2,197,943; Apr. 23.
Coke oven door. J. S. Potter. 2,195,840; Apr. 2.
Coke oven door. P. van Ackeren. 2,207,562; July 9.
Coke oven leveler door. H. Koppers. 2,207,589; July 9.
Coke production. A. H. Andersen and J. E. Renaud. 2,209,255; July 23.
Cold cathode tube. W. Rogowski. 2,210,127; Aug. 6.
Cold control, Method of and apparatus for. I. J. Knudson. 2,187,038; Jan. 16.
Cold producing plant. R. Hintze. 2,191,659; Feb. 27.
Collapsible box. W. A. Ringler. 2,220,121–2; Nov. 5.
Collapsible cabinet. H. Derman. 2,206,347; July 2.
Collapsible chair. A. G. Parry. 2,213,590; Sept. 3.
Collapsible connecting rod. F. A. Kucera. 2,197,256; Apr. 16.
Collapsible container. F. D. Jonas. 2,193,632; Mar. 12.
Collapsible container. L. Rosenfield. 2,189,436; Feb. 6.
Collapsible container. C. W. Vogt. 2,192,722; Mar. 5.
Collapsible container. P. Zalkind. 2,200,320; May 14.
Collapsible dispensing tube. A. J. Van Scoyoc. 2,207,563; July 9.
Collapsible ring. C. T. Mathieu. 2,197,478; Apr. 16.
Collapsible serving stand. D. Thomas. 2,213,828; Sept. 3.
Collapsible table. W. V. Bussey. 2,191,007; Feb. 20.
Collapsible table. W. Dubilier. 2,198,661; Apr. 30.
Collapsible tube. A. Boorman. 2,197,680; Apr. 16.
Collapsible tube. A. Brossette. 2,212,433; Aug. 20.
Collar. L. Bihaly. 2,186,356; Jan. 9.
Collar. W. Rubinstein. 2,197,134; Apr. 16.
Collar, Adjustable. P. C. Boehme. 2,217,656; Oct. 15.
Collar and like article of apparel. P. Metzger. 2,186,387; Jan. 9.
Collar and the like, Permanently stiffened. W. M. Billing. 2,187,848; Jan. 23.
Collar and tie support. J. W. Kuhn. 2,192,834; Mar. 5.
Collar button and necktie support, Combination. W. B. Derbyshire. 2,220,955; Nov. 12.
Collar creasing and ironing apparatus. J. W. Creswell. 2,198,492; Apr. 23.
Collar, cuff, and the like. W. Rubinstein. 2,204,152; June 11.
Collar, cuff, and the like and method of making same. R. E. Reed. 2,202,025; May 28.
Collar for animals, Insecticide. F. K. Banks. 2,205,711; June 25.
Collar for motor vehicles, Fold. C. F. Richter. 2,226,388; Dec. 24.
Collar, Fused. T. H. Swan and H. C. Donaldson, Jr. 2,218,387; Oct. 15.
Collar, Germicidal animal. F. E. Vanderhoof. 2,219,569; Oct. 29.
Collar holder. J. K. Eiseman. 2,221,673; Nov. 12.
Collar, Horse. J. Carter. 2,221,042; Nov. 12.
Collar or neckband support. J. W. Steele. 2,204,004; June 11.
Collar, Packing. R. T. White. 2,196,157; Apr. 2.
Collar, Semistiff. J. D. McBurney and E. H. Noilau. 2,201,908; May 21.
Collapsible reel. C. H. Vose. 2,220,694; Nov. 5.
Collating machine. W. D. Warner. 2,222,271; Nov. 19.
Collector. E. E. Thwaites. 2,210,270; Aug. 6.
Collector for toilet flush tanks, Condensation. D. Bautz. 2,211,226; Aug. 13.
Collector ring. H. B. Spear. 2,198,395; Apr. 23.
Collecting and classifying mill. C. H. Kidwell. 2,214,905; Sept. 17.
Collet. S. Baxendale. 2,214,241; Sept. 10.
Collet. A. E. Drissner. 2,219,008; Oct. 22.
Collet for machine tools. A. Mussari. 2,225,377; Dec. 17.
Collimator. H. Berg. 2,220,389; Nov. 5.
Collocating instrument. R. J. Cook. 2,216,766; Oct. 8.
Colloid materials, Sterilizing. C. L. Griffith and L. A. Hall. 2,189,949; Feb. 13.
Colloidal mill. L. M. Dixon. 2,201,889; May 21.
Colloidal mill. H. Plauson. 2,225,797; Dec. 24.
Colloids, Gelatinizing or colloiding low-viscosity. S. P. Lovell. 2,217,023; Oct. 8.
Color and preparing the same, Ceramic. V. H. Remington and R. Andrews. 2,225,659; Dec. 24.
Color chart. B. Bowser. 2,221,774; Nov. 19.
Color comparator. J. W. Forrest and H. W. Straat. 2,221,916; Nov. 19.
Color correction. G. Ehrenfried. 2,203,652; June 4.
Color correction process. D. L. MacAdam and C. J. Staud. 2,203,656; June 4.
Color correction process and product. D. L. MacAdam and C. J. Staud. 2,221,025; Nov. 12.
Color forming developer and color development. P. L. J. R. Merck and W. K. A. Körber. 2,197,311; Apr. 16.
Color harmony, Identifying and reproducing. T. F. Lodwick. 2,203,167; June 4.
Color lakes, Production of. G. A. Peirce. 2,195,258; Mar. 26.
Color, Measuring. K. S. Weaver. 2,218,253; Oct. 15.
Color of iron stained material, Improving. S. D. Wells.
Color of tobacco leaves, Influencing the. G. Pfuetzer and H. Losch. 2,224,833; Dec. 10.
2,214,845; Sept. 17.
Color on textile materials, Producing. P. Schlack. 2,215,196; Sept. 17.
Color optical system, Anamorphosing. H. S. Newcomer. 2,207,409; July 9.
Color photography. L. Klaver. 2,202,257; May 28.
Color photography. H. Sartov and A. Lindstedt. 2,221,849; Nov. 19.
Color photography. E. A. Weaver. 2,188,325; Jan. 30.
Color planner. C. Deutsch. 2,201,888; May 21.
Color printing, Resist. D. P. Milburn. 2,217,696; Oct. 15.
Color process and camera therefor. J. G. Capstaff. 2,203,651; June 4.
Color producing composition, Ice. H. Z. Lecher, R. P. Parker, and H. P. Orem. 2,205,663; June 25.
Color producing composition, Stable ice. H. Z. Lecher, F. H. Adams, and H. P. Orem. 2,205,795–6; June 25.
Color projector. H. L. Boynton. 2,212,975; Aug. 27.
Color reproduction. A. C. Hardy. 2,193,722; Mar. 12.
Color scale, Composite. H. C. Olson. 2,196,271; Apr. 9.
Color stabilization of green vegetables. J. S. Blair. 2,186,003; Jan. 9.
Color stabilization of green vegetables. J. S. Blair. 2,189,774; Feb. 13.
Color stabilization of petroleum distillates. R. E. Burk and H. P. Lankelma. 2,207,430; July 9.
Color stabilizer for mineral oils. M. A. Dietrich. 2,226,160; Dec. 24.
Color treatment of concrete. R. E. Madison and A. T. Saunders. 2,220,341; Nov. 5.
Color wheel centering device. W. H. Gille and S. W. Nickells. 2,214,728; Sept. 17.
Coloration of textile materials. R. T. Wrathall, J. Allan, and J. A. Wainwright. 2,192,958; Mar. 12.
Colorimeter. W. F. Langelier. 2,216,976; Oct. 8.
Colorimeter. W. H. Summerson 2,193,437; Mar. 12.
Colorimeter, Photoelectric. K. A. Evelyn. 2,193,315; Mar. 12.
Coloring composition. H. A. Lubs and C. K. Black. 2,225,604; Dec. 17.
Coloring material and applying same. P. Fidelman. 2,206,722; July 2.
Coloring matter, Readily soluble basic. M. Wyler. 2,196,885; Apr. 9.
Coloring matters from azo dyestuffs. H. Krzikalla. 2,215,105; Sept. 17.
Coloring matters, Manufacture of. M. Wyler. 2,216,867–8; Oct. 8.
Coloring matters of the phthalocyanine series, Producing. M. Wyler. 2,197,458; Apr. 16.
Coloring matters of the phthalocyanine type. I. M. Heilbrom, F. Irving, and R. P. Linstead. 2,202,632; May 28.
Coloring, Process of. J. G. McNally, J. B. Dickey, and W. H. Zugschwerdt. 2,191,040; Feb. 20.
Colors and process of printing, Printing. C. Graenacher and M. Matter. 2,225,384; Dec. 17.
Colors and process of printing, Printing. C. Graenacher and P. Streuli. 2,220,402; Nov. 5.
Colors in lacquers, Producing transparent. H. Kobbe. 2,202,057; May 28.
Colors in the subtractive synthesis of color photography, Brightening the. F. G. Yanes. 2,188,697; Jan. 30.
Colostomy appliance. A. D. Foron. 2,221,321; Nov. 12.
Colostomy irrigator. M. N. Koch. 2,223,566; Dec. 3.
Colter, Rolling. J. W. Kriplean. 2,210,813; Aug. 6.
Column. C. B. Schneible. 2,197,595; Apr. 16.
Column, Fractionating. P. Ostergaard. 2,225,390; Dec. 17.
Column, Fractionating. C. Pyle, III. 2,201,502; May 21.
Column splicer and method of splicing. W. T. and W. G. Ferguson. 2,222,481; Nov. 19.
Column, Structural. G. H. Dean. 2,195,327; Mar. 26.
Comb. T. R. Cobb. 2,202,089; May 28.
Comb. B. and J. M. Condron. 2,199,282; Apr. 30.
Comb. H. Evans. 2,221,446; Nov. 12.
Comb. C. C. Holden. 2,187,939; Jan. 23.
Comb. W. Huppert. 2,205,200; June 18.
Comb. D. D. Whyte. 2,185,286; Jan. 2.
Comb. I. L. Wolkow. 2,201,753; May 21.
Comb and brush, Combination. M. Segal. 2,194,484; Mar. 26.
Comb and brush, Hydraulic. C. M. Hickey. 2,218,471; Oct. 15.

Comb and detachable brush combination. J. F. J. Nelson. 2,226,318; Dec. 24.
Comb and sheath handle, Combination. E. J. Lux. 2,192,408; Mar. 5.
Comb assembly. M. P. Heinze. 2,214,054; Sept. 10.
Comb, brush, and curler, Combined. S. Behr. 2,207,427; July 9.
Comb, Brush tail. E. Kreutzig. 2,196,812; Apr. 9.
Comb cleaner. J. F. Hunter. 2,195,109; Mar. 26.
Comb cleaner. S. A. Johnson. 2,225,223; Dec. 17.
Comb cleaner. P. S. Keyser. 2,202,559; May 28.
Comb cleaner. H. Seto. 2,223,706; Dec. 3.
Comb cleaning device, Sanitary. J. J. Calleo. 2,202,516; May 28.
Comb, Fountain. C. M. Hickey. 2,222,176; Nov. 19.
Comb, Fountain. A. F. Taborski. 2,225,282; Dec. 17.
Comb, Hair dressing. P. Pieper. 2,206,365; July 2.
Comb, Hair retaining. L. T. Sawyer. 2,196,815; Apr. 9.
Comb, Pressing hair. F. Price. 2,202,672; May 28.
Comb protector. J. J. Maendel. 2,203,438; June 4.
Comb, Sheep shear. F. G. Bristow. 2,210,703; Aug. 6.
Comb, Taper feeding hair clipper. J. Cromonic. 2,187,599; Jan. 16.
Comb, Vanity. W. Harmon. 2,191,254; Feb. 20.
Combing machine. J. W. Nasmith. 2,202,816; June 4.
Combing machine. J. W. Nasmith. 2,204,944; June 18.
Combing machine. J. W. Nasmith. 2,214,341; Sept. 10.
Combination article. M. D'Onofrio. 2,226,969; Dec. 31.
Combination cabinet lock. H. Machinist. 2,224,875; Dec. 17.
Combination case. W. W. Kidd and C. J. Thompson. 2,211,660; Aug. 13.
Combination dispenser. V. Schindelbeck. 2,203,880; June 11.
Combination dresser mounting. O. K. Stangebye. 2,189,372; Feb. 6.
Combination lock. J. Eber. 2,189,342; Feb. 6.
Combination lock. J. Eber. 2,220,148; Nov. 5.
Combination lock. K. Lechner. 2,195,574; Apr. 2.
Combination receptacle. J. J. Sokos. 2,194,915; Mar. 26.
Combination shipping and display container. H. G. Hall. 2,186,170; Jan. 9.
Combination switch lock. P. Kaiser. 2,192,663; Mar. 5.
Combination tool. J. W. Allen. 2,224,892; Dec. 17.
Combination tool. F. S. Horechney. 2,205,979; June 25.
Combination water and room heater. O. G. Watt. 2,225,023; Dec. 17.
Combinations of a source of radiation with material adapted to be excited to luminescence by the radiation. A. H. McKeag and J. T. Randall. 2,191,351; Feb. 20.
Combine. C. C. Baldwin. 2,212,465; Aug. 20.
Combine. H. J. Hekrdle. 2,194,976; Mar. 26.
Combine adjustment mechanism. K. M. Keith. 2,226,563; Dec. 31.
Combustion. M. L. Mueller and G. R. Neumann. 2,219,696; Oct. 29.
Combustion apparatus. D. J. Mosshart. 2,201,241; May 21.
Combustion apparatus. D. J. Mosshart. 2,204,317; June 11.
Combustion apparatus. B. Valjean. 2,186,156; Jan. 9.
Combustion chamber. W. S. Steele. 2,207,992; July 16.
Combustion chamber and arch. F. M. Miller. 2,192,752; Mar. 5.
Combustion chamber, Conversion. M. L. Mueller. 2,197,619; Apr. 16.
Combustion chamber for rocket apparatus. R. H. Goddard. 2,217,649; Oct. 8.
Combustion chamber in cylinder heads of internal combustion engines. J. A. H. Barkeij. 2,191,746; Feb. 27.
Combustion chamber of internal combustion engines. A. Taub. 2,214,941; Sept. 17.
Combustion control. R. E. Bressler. 2,209,306; July 30.
Combustion control. F. S. Denison and D. G. Taylor. 2,221,164; Nov. 12.
Combustion control. J. J. Klinker. 2,212,606; Aug. 27.
Combuston control. C. M. Terry. 2,197,904; Apr. 23.
Combustion control, Automatic. R. E. Bressler. 2,200,326; May 14.
Combustion control, Automatic. R. E. Bressler. 2,212,005; Aug. 20.
Combustion control system. D. H. Annin. 2,197,171; Apr. 16.
Combustion control system. L. L. Cunningham. 2,197,175; Apr. 16.
Combustion control system. R. R. Donaldson, Jr. 2,220,837; Nov. 5.
Combustion control system for steam boilers. C. Schindler. 2,205,494; June 25.
Combustion device. R. S. Detlor. 2,199,783; May 7.
Combuston engine. A. Schütte. 2,198,516; Apr. 23.
Combustion engine, Balanced. H. Heinzelmann. 2,200,744; May 14.
Combustion, heat-transfer, and gas purification plant. W. G. Noack. 2,187,627; Jan. 16.
Combustion motor. A. and L. H. Maurer. 2,224,443; Dec. 10.
Combustion process as applied to vapor generation. W. D. La Mont. 2,201,627; May 21.
Combustion promoting device. J. C. Testa. 2,210,473; Aug. 6.
Combustion regulation. G. A. Merkt. 2,217,518; Oct. 8.
Combustion regulator. E. F. Goebel. 2,205,649; June 25.
Comestible. A. S. Schultz and C. N. Frey. 2,223,465; Dec. 3.
Comestibles, Method and apparatus for freezing. H. W. Sterling. 2,223,972; Dec. 3.
Comestibles, Treating. R. F. Parsons. 2,222,087; Nov. 19.
Comfort wave machine. J. H. Morrow, K. V. Baker, and H. J. Reeves. 2,203,268; June 4.
Comminuting mill. C. R. Dimm and A. G. Avila. 2,216,612; Oct. 1.
Comminutor. A. C. Durdin, Jr. 2,199,788; May 7.
Commode, Infant's training. R. E. McCullough. 2,193,371; Mar. 12.
Commodities, Process and apparatus for conditioning. R. Killingstad. 2,187,859; Jan. 23.
Commodity carrier. H. A. Conger. 2,186,368; Jan. 9.
Commodity merchandising assemblage. R. A. McCreary. 2,201,653; May 21.
Communicating system. J. R. Mac Kay. 2,206,231; July 2.
Communication and power system. H. W. Wahlquist. 2,212,963; Aug. 27.
Communication, Method and means for. C. W. Hansell. 2,198,248; Apr. 23.
Communication switching system. W. V. K. Large. 2,222,672; Nov. 26.
Communication system. H. S. Black. 2,196,173; Apr. 9.
Communication system. A. R. Bonorden. 2,206,659; July 2.
Communication system. C. A. Borgeson, F. J. Carter, G. R. Drake, P. E. Groome, and F. H. Hanley. 2,224,250; Dec. 10.
Communication system. J. D. Browder and C. W. Easley. 2,201,472; May 21.
Communication system. I. E. Cole. 2,220,889; Nov. 12.
Communication system. I. E. Cole and A. E. Mehlhose. 2,207,720; July 16.
Communication system. H. J. Cunningham, P. E. Groome, F. H. Hanley, and K. W. Richards. 2,207,314; July 9.
Communication system. R. F. Davis. 2,193,061; Mar. 12.
Communication system. F. E. d'Humy and L. W. Franklin. 2,209,327; July 30.
Communication system. C. R. Doty. 2,206,665; July 2.
Communication system. C. R. Doty. 2,210,571; Aug. 6.
Communication system. W. E. Harding. 2,187,829; Jan. 23.
Communication system. R. V. L. Hartley. 2,189,898; Feb. 13.
Communication system. G. Kiner. 2,186,246; Jan. 9.
Communication system. D. G. Little. 2,186,252; Jan. 9.
Communication system. H. J. McCreary. 2,208,160; July 16.
Communication system. G. Michaelson. 2,222,751; Nov. 26.
Communication system. H. J. Nichols. 2,192,603; Mar. 5.
Communication system. U. C. Tainton. 2,210,012; Aug. 6.
Communication system. A. Wiessner. 2,208,918; July 23.
Communication system, Electrical. H. F. Elliott. 2,201,162; May 21.
Communication system, Interstation. H. French. 2,199,220; Apr. 30.
Communication system, Multiplex. F. C. P. Henroteau. 2,191,565; Feb. 27.
Communication system, Secret. W. R. Koch. 2,199,634; May 7.
Communication system, Single channel two-way. W. R. Koch. 2,199,179; Apr. 30.
Communication system, Synchronous. H. J. Nichols. 2,199,546; May 7.
Communication system, Two-way. H. W. Augustadt. 2,214,804; Sept. 17.
Commutation system. D. S. Muzzey, Jr. 2,204,436; June 11.
Commutator. F. J. Baird and A. L. Simison. 2,202,820; June 4.
Commutator. W. Kuchta, Jr. 2,211,979; Aug. 20.
Commutator. R. P. Loveland. 2,207,594; July 9.
Commutator and clamping structure therefor. W. A. Brecht. 2,221,571; Nov. 12.
Commutator, Making a. G. E. Andrews. 2,188,423; Jan. 30.
Commutator or switchboard, Light-responsive. M. E. Gould. 2,189,001; Feb. 6.
Compact. S. Kramer. 2,205,974; June 25.
Compact and the like. E. S. Irelan. 2,212,440; Aug. 20.
Compact, Lip and facial rouge. G. A. Williams. 2,219,000; Oct. 22.
Compaction machine. J. W. Poulter. 2,199,649; May 7.
Comparator. R. O. Beardsley and R. R. Finn. 2,222,165; Nov. 19.
Comparing and checking machine. R. Blakely and A. H. Dickinson. 2,206,218; July 2.
Comparison mechanism. C. C. Street. 2,219,037; Oct. 22.
Compartment, Automobile sleeping. A. Halvorsen. 2,186,584; Jan. 9.
Compartment container, Individualized communicating plurality. P. H. Wolf. 2,220,190; Nov. 5.

Compartment, Corrugated ice. H. Giddings. 2,191,462; Feb. 27.
Compartment door latch. E. N. Jacobi. 2,208,003; July 16.
Compartment for refrigerator cars. Ice. C. L. Moorman. 2,194,952; Mar. 26.
Compartment for ships, Stabilized. M. Mehan and J. I. Markey. 2,206,100; July 2.
Compartment forming device for drawers. C. R. Schuster. 2,218,300; Oct. 15.
Compartment, Quick opening vehicle hauling. W. D. Walling. 2,226,033; Dec. 24.
Compass. J. Meilner. 2,187,519; Jan. 16.
Compass. W. Naecker. 2,222,627; Nov. 26.
Compass. G. V. Rylsky. 2,188,821; Jan. 30.
Compass. E. Warner. 2,208,062; July 16.
Compass and auto pilot, Gyro-magnetic. B. G. Carlson. 2,213,976; Sept. 10.
Compass and directional gyroscope, Combined magnetic. J. Rateau. 2,200,431; May 14.
Compass, Aperiodic. P. Kollsman. 2,202,154; May 28.
Compass, Continuously indicating radio. D. G. C. Luck. 2,208,378; July 16.
Compass, Earth induction. F. L. Moseley. 2,201,559; May 21.
Compass, Earth inductor. P. F. Bechberger. 2,206,018; July 2.
Compass, Gyromagnetic. L. F. Carter. 2,199,850; May 7.
Compass, Gyro-magnetic. L. F. Carter. 2,217,616; Oct. 8.
Compass, Gyro-magnetic. G. Wünsch. 2,222,458; Nov. 19.
Compass, Liquid filled. K. Volkmann. 2,205,548; June 25.
Compass, Magnetic. E. A. Sperry, Jr. 2,199,118; Apr. 30.
Compass, Magnetic. E. A. Sperry, Jr. 2,215,622; Sept. 24.
Compass, Radio. F. J. Hooven. 2,190,787; Feb. 20.
Compensable joint. J. E. Carter. 2,203,078; June 4.
Compensated valve. V. F. Davis. 2,192,963; Mar. 12.
Compensating attachment for milling machines. R. J. Schmidt. 2,187,794; Jan. 23.
Compensating device for carbureters of internal combustion motors. H. J. Kratzer. 2,212,101; Aug. 20.
Compensating device for valve control. R. C. Ball. 2,222,699; Nov. 26.
Compensating gear. O. A. Christensen. 2,193,803; Mar. 19.
Compensating instrument. C. B. Moore. 2,221,950; Nov. 19.
Compensating network. C. J. Le Bel. 2,218,399; Oct. 15.
Compensation for distortion in sharply tuned circuits. R. L. Freeman. 2,205,007; June 18.
Compensation for variations in phase change. N. Monk. 2,225,653; Dec. 24.
Compensator, Electrical. J. Uhing. 2,222,006; Nov. 19.
Compensator for feeding elastic thread. A. H. Henne. 2,189,492; Feb. 6.
Compensator for meters, By-pass. R. H. Barge. 2,189,750; Feb. 13.
Compensator for radio direction finders. F. Johnske and R. Romeike. 2,210,410; Aug. 6.
Compensator, Frequency. M. A. Edwards and R. W. Porter. 2,194,299; Mar. 19.
Compensator, Ground potential. G. C. Cummings. 2,199,558; May 7.
Compensator, Ground potential. C. B. Sutliff. 2,188,164; Jan. 23.
Compensator, Line drop. F. M. Starr. 2,185,715; Jan. 2.
Compensator mechanism. A. A. Schwartz. 2,206,620; July 2.
Components of liquid mixtures, Separation of. W. W. Aldinger and W. A. Hall. 2,222,645; Nov. 26.
Composing, casting, and making up line slugs for multiple column printing. L. E. Owens. 2,195,467; Apr. 2.
Composite board. H. D. Wagner. 2,187,335; Jan. 16.
Composite electric cable. I. W. Edwards. 2,207,090; July 9.
Composite strand connector. A. A. Berndt and H. C. Nycum. 2,209,620; July 30.
Composite structures, Making. A. E. Marshall. 2,193,635; Mar. 12.
Composition. J. K. Hunt. 2,220,451; Nov. 5.
Composition adapted for use as an adhesive. J. V. Bauer. 2,212,557; Aug. 27.
Composition and making same. D. H. Spitzli and R. L. Kennedy. 2,224,237–8; Dec. 10.
Composition and preparing cast iron products. W. D. Moore. 2,220,792; Nov. 5.
Composition and preparing same. J. A. Mitchell. 2,186,262; Jan. 9.
Composition and process for making a flexible product. S. M. Martin, Jr. 2,219,550; Oct. 29.
Composition for and method of devitalizing microorganisms. R. N. Shreve and M. W. Swaney. 2,216,140; Oct. 1.
Composition for application to textiles. W. Whitehead. 2,188,167; Jan. 23.
Composition for coloring. R. C. Hoare. 2,219,313; Oct. 29.
Composition for coloring flames. A. C. Riemer. 2,219,565; Oct. 29.
Composition for combating insect pests. W. Moore. 2,222,486; Nov. 19.
Composition for dull raised printing. S. Lipsius. 2,226,867; Dec. 31.
Composition for greasing baking pans and the like. S. Scherr. 2,210,043; Aug. 6.
Composition for improving diesel fuel ignition, Method and. A. A. Burton. 2,200,260; May 14.
Composition for increasing the thermal emissivity of a surface and its combination with a surface. W. F. Alder. 2,209,304; July 30.
Composition for making a polychromatic printing roller or plate, making the same, and a polychromatic printing member. I. Magath. 2,217,065; Oct. 8.
Composition for molding. S. Pellerano. 2,185,354; Jan. 2.
Composition for preservation of and combination with latices, rubber, and other proteins and decomposable organic compounds. C. M. Albion. 2,188,327; Jan. 30.
Composition for preventing efflorescence on clay brick. J. G. Conte. 2,218,933; Oct. 22.
Composition for sound recording disks. H. A. De Phillips. 2,203,983; June 11.
Composition for stopping leaks. H. A. Reimers. 2,188,311; Jan. 30.
Composition for the treatment of synthetic warp yarns. W. G. Faw. 2,191,033; Feb. 20.
Composition for treating silk goods to prevent running. D. M. Jenkins. 2,200,336; May 14.
Composition for use in paint, Preparing a. J. W. Church. 2,211,495; Aug. 13.
Composition of matter. S. L. Bass. 2,199,385; May 7.
Composition of matter. A. W. Browne. 2,196,602; Apr. 9.
Composition of matter. M. De Groote. 2,194,643–6; Mar. 26.
Composition of matter. M. De Groote, B. Keiser, and C. M. Blair, Jr. 2,216,312; Oct. 1.
Composition of matter. M. De Groote, B. Keiser, and C. M. Blair, Jr. 2,226,117; Dec. 24.
Composition of matter. M. De Groote, B. Keiser, and C. M. Blair, Jr. 2,226,124–6; Dec. 24.
Composition of matter. E. K. Ellingboe and P. L. Salzberg. 2,190,776; Feb. 20.
Composition of matter. M. G. Fontana. 2,214,128; Sept. 10.
Composition of matter. P. C. Scherer, Jr. 2,205,734; June 25.
Composition of matter. L. Wallerstein and J. Pfannmuller. 2,226,883; Dec. 31.
Composition of matter and electrical conductor cable containing the same. J. F. Eckel. 2,216,435; Oct. 1.
Composition of matter and making same. I. E. Muskat. 2,199,710–11; May 7.
Composition of matter and making same, New. M. De Groote and B. Keiser. 2,226,116; Dec. 24.
Composition of matter and making same, New. M. De Groote, B. Keiser, and A F. Wirtel. 2,226,115; Dec. 24.
Composition of matter and manufacturing same. C. M. Blair, Jr. 2,216,310; Oct. 1.
Composition of matter and method of producing. E. R. Littmann. 2,201,237; May 21.
Composition of matter and method of producing. E. R. Littmann. 2,207,890; July 16.
Composition of matter and preparation. H. P. Kaufmann. 2,218,755; Oct. 22.
Composition of matter and preparing the same. J. E. Plumstead. 2,186,040; Jan. 9.
Composition of matter and producing. I. W. Humphrey and J. N. Borglin. 2,197,048; Apr. 16.
Composition of matter and producing it. J. C. Patrick. 2,206,642; July 2.
Composition of matter and using same. I. E. Muskat. 2,204,812; June 18.
Composition of matter containing a cellulose derivative. H. M. Weber. Re. 21,485; June 18.
Composition of matter for cores. A. B. Ruddle and E. H. Spotswood. 2,214,349; Sept. 10.
Composition of matter for removing poison from tobacco smoke. K. Skumburdis. 2,215,620; Sept. 24.
Composition of matter for the production of insulating materials. P. C. Scherer, Jr. 2,205,735; June 25.
Composition of matter for water treatment. J. R. Baylis. 2,217,466; Oct. 8.
Composition prepared from dextrins. H. F. Bauer. 2,215,847; Sept. 24.
Compositions containing components of the vitamin B complex, Production of. C. S. Miner. 2,202,161; May 28.
Compositions of lead and its oxides, Manufacture of. O. O. Rieser. 2,217,235; Oct. 8.
Compost mixing and grinding machine. H. J. Mankoff. 2,207,811; July 16.
Compound and molded article of manufacture, Molding. H. Schuhmann. 2,196,033; Apr. 2.
Compound for and process of surface finishing metallic articles. J. Lupo, Jr. 2,185,262; Jan. 2.
Compound for treating water in boilers. D. K. French. 2,219,416; Oct. 29.
Compound having reactive methylene groups. W. Schneider and A. Fröhlich. 2,200,306; May 14.
Compound implement. L. J. Whitney. 2,204,740; June 18.
Compound positive displacement pump circuit. H. F. Vickers. 2,218,565; Oct. 22.
Compound tool. W. F. Watson. 2,199,899; May 7.

Compounding material for rubber. N. S. Garbisch. 2,220,759; Nov. 5.
Compounds from liquids, Separation of chlorinated. C. J. Malm and G. F. Nadeau. 2,203,690; June 11.
Compounds having the character of the male sexual
Compounds of barium and strontium, Producing. L. O. Hill and S. Isenberg. 2,225,633; Dec. 24.
hormones, Preparing. M. Bockmühl, G. Ehrhart, H. Ruschig, and W. Aumüller. 2,212,363; Aug. 20.
Compounds of etio-cholanic acid series and making same. M. Hartmann and A. Wettstein. 2,210,368; Aug. 6.
Compounds of fluorine, Preparation of. C. F. Swinehart. 2,196,907; Apr. 9.
Compounds of meta-cresol from mixtures of meta- and para-cresols, Production of mono-alkyl substituted. D. R. Stevens and J. B. McKinnley. 2,206,924; July 9.
Compounds of naphthocarbazole series, Manufacture of indophenol-like. W. Hagge and H. Bach. 2,219,010; Oct. 22.
Compounds of the acetylene series, Conversion of. A. Auerhahn and R. Stadler. 2,210,828; Aug. 6.
Compounds of the acetylene series into compounds of the ethylene series, Converting. W. Reppe and A. Rothhaas. 2,207,071; July 9.
Compounds of the acetylene series into compounds of the ethylene series, Converting. W. Reppe, A. Rothhaas, O. Schmidt, and R. Luehdemann. 2,207,070; July 9.
Compounds of the anthraquinone series. A. Krause, W. Kuehne, and W. Mieg. 2,195,462–3; Apr. 2.
Compounds of the anthraquinone series. F. B. Stilmar. 2,217,849; Oct. 15.
Compounds of the ascorbic acid series, Synthesizing. I. Stone. 2,206,374; July 2.
Compounds of the cyclopentanopolyhydrophenanthrene series and preparing them. M. Brockmühl, G. Ehrhart, H. Ruschig, and W. Aumüller. 2,202,619; May 28.
Compounds of the isoquinoline series. F. Kulz and C. A. Hornung. 2,223,373; Dec. 3.
Compounds of the phthalocyanine series. M. Wyler. 2,213,726; Sept. 3.
Compounds, Polymerization of unsaturated. N. K. Chaney. 2,220,211; Nov. 5.
Compounds, Racemization of optically active. D. L. Tabern. 2,214,034; Sept. 10.
Compress, Cotton. E. Lee. 2,219,709; Oct. 29.
Compress, Wet. K. L. Cooley. 2,198,989; Apr. 30.
Compresser-condenser unit for refrigerating machines. W. E. Beline. 2,190,249; Feb. 13.
Compressing unit. H. C. Simons. 2,192,654; Mar. 5.
Compression brazing for joining metal tubes. G. S. Lewis. 2,209,572; July 30.
Compression-type fitting. T. W. Briegel. 2,195,559; Apr. 2.
Compressor. W. F. Bartholomew. 2,213,196; Sept. 3.
Compressor. F. B. Hunt. 2,205,793; June 25.
Compressor. R. E. Lamberton. 2,213,257–8; Sept. 3.
Compressor. C. W. Metzgar. 2,204,374; June 11.
Compressor. T. I. Potter. 2,221,149; Nov. 12.
Compressor control system. B. S. Aikman. 2,211,875; Aug. 20.
Compressor for hydrostatic brakes. C. Sauzedde. 2,197,012; Apr. 16.
Compressor for refrigerating apparatus, Rotary. H. B. Hull and A. A. McCormack. 2,193,250; Mar. 12.
Compressor governor. R. E. Miller. 2,223,044; Nov. 26.
Compressor lubrication. C. R. Neeson. 2,225,228; Dec. 17.
Compressor, Motor driven. J. M. Bartholomew. 2,221,857; Nov. 19.
Compressor mounting. C. R. Neeson. 2,204,510; June 11.
Compressor or pump. D. O. Manseau. 2,222,203; Nov. 19.
Compressor outfit. J. W. Jones. 2,205,594; June 25.
Compressor, particularly for refrigerators. G. Thomas. 2,194,726; Mar. 26.
Compressor regulator. C. S. Baker. Re. 21,329; Jan. 23.
Compressor regulator. C. S. Baker. 2,212,631; Aug. 27.
Compressor regulator. C. S. Baker. 2,225,854; Dec. 24.
Compressor, Rotary. G. R. Meador. 2,195,968; Apr. 2.
Compressor, Rotary reciprocating. S. A. and A. S. Limpert. 2,201,188; May 21.
Compressor, Splash lubricated air. C. C. Farmer. 2,211,889; Aug. 20.
Compressor support. B. W. Jewell. 2,206,463; July 2.
Compressor system. G. W. Chandler. 2,192,258; Mar. 5.
Compressor system and apparatus for actuating same. M. F. Palmer. 2,199,090; Apr. 30.
Compressor unit for refrigeration and other applications. L. Patrignani. 2,199,414; May 7.
Compressor unloader. S. F. Evelyn. 2,191,908; Feb. 27.
Compressor, Unloading. W. H. D. Brouse. 2,205,919; June 25.
Compressor unloading means. C. R. Neeson. 2,185,473; Jan. 2.
Compressor valve. W. L. Baudette. 2,196,287; Apr. 9.
Compressor valve. P. W. Des Roches. 2,193,123; Mar. 12.
Compressor, Variable capacity. A. V. Saharoff. 2,197,158; Apr. 16.
Computing and listing machine. W. W. Landsiedel. 2,203,336; June 4.
Computing and listing machine. W. W. Landsiedel. 2,203,533; June 4.
Computing and printing machine. O. J. Sundstrand. 2,194,270; Mar. 19.
Computing counter. C. A. Rossberg. 2,206,239; July 2.
Computing counter. E. A. Slye. 2,203,109; June 4.
Computing device. E. J. Österberg. 2,219,429; Oct. 29.
Computing device. W. G. Stewart. 2,189,333; Feb. 6.
Computing device, Mechanical. J. H. Gunning. 2,193,280; Mar. 12.
Computing dispensing device. E. J. Svenson. 2,188,848–9; Jan. 30.
Computing system. N. K. Engst. 2,225,410; Dec. 17.
Concentrating and dehydrating method and apparatus. J. M. Hall. 2,217,547; Oct. 8.
Concentrating table. J. A. Traylor. 2,208,141; July 16.
Concentration process. A. J. Weinig. 2,188,931; Feb. 6.
Concentric lines and circuits therefor. P. D. Zottu. 2,222,644; Nov. 26.
Conche machine. P. Hollstein. 2,216,777; Oct. 8.
Concrete, Apparatus for compacting. C. L. Cady. 2,185,540; Jan. 2.
Concrete block machine. F. X. Muenzer. 2,193,879; Mar. 19.
Concrete block making machine. F. W. Pfeifer. 2,218,767; Oct. 22.
Concrete blocks and the like, Making. A. Henderson. 2,220,448; Nov. 5.
Concrete bodies, Production of light. J. Raab. 2,226,348; Dec. 24.
Concrete building construction. H. P. Falls. 2,204,583; June 18.
Concrete building structure. C. Deuel. 2,217,675; Oct. 15.
Concrete, Cellular. P. Kaplan. 2,215,812; Sept. 24.
Concrete construction. E. F. Allbright. 2,196,158; Apr. 2.
Concrete curing composition and process. S. S. Sorem. 2,213,806; Sept. 3.
Concrete deaerating and dehydrating machine. J. W. Heltzel. 2,226,466; Dec. 24.
Concrete distributor for road pavings. A. R. Mills and H. D. Weiss. 2,224,084; Dec. 3.
Concrete form. T. C. Durley. 2,213,159; Aug. 27.
Concrete forming machine. C. M. Leatherman. 2,204,021; June 11.
Concrete handling apparatus. G. W. Cronk. 2,227,067; Dec. 31.
Concrete hardening composition of the metal salt type. L. Liberthson. 2,203,302; June 4.
Concrete, Making lightweight. S. T. Evenstad. 2,199,046; Apr. 30.
Concrete mixer. J. Pacchetti and J. Ferioli. 2,223,307; Nov. 26.
Concrete mold. G. Steinmetz. 2,204,195; June 11.
Concrete molding apparatus. A. E. Ruegg. 2,196,874; Apr. 9.
Concrete or the like, Reinforcement of. G. O. Case. 2,210,444; Aug. 6.
Concrete placement apparatus. C. Jackson. 2,199,074–5; Apr. 30.
Concrete placement apparatus. C. Jackson. 2,219,248; Oct. 22.
Concrete products and apparatus therefor, Producing molded. W. E. S. Strong. 2,193,847; Mar. 19.
Concrete, Reinforcing. R. C. Kennedy. 2,185,749; Jan. 2.
Concrete road joint. C. Older. 2,212,615; Aug. 27.
Concrete slab. M. Deutsch. 2,192,182; Mar. 5.
Concrete slabs, Making. M. Deutsch. 2,192,183; Mar. 5.
Concrete structures, Producing. J. Lebelle. 2,225,015; Dec. 17.
Concrete structure, Reinforced. H. Griesel. 2,189,108; Feb. 6.
Concrete surfaces, Dressing. N. H. Ripley. 2,200,433; May 14.
Concrete working apparatus. C. Jackson. 2,219,246; Oct. 22.
Condensation apparatus. S. A. Staege. 2,202,406; May 28.
Condensation process and product. R. A. Jacobson. 2,220,156; Nov. 5.
Condensation product and its manufacture, Water-soluble. F. Becherer. 2,199,776; May 7.
Condensation product and making same. E. A. Mauersberger. 2,186,464; Jan. 9.
Condensation product and making same, Halogen-containing. G. H. Coleman, G. V. Moore, and G. B. Stratton. 2,186,366; Jan. 9.
Condensation product and making the same, Resinous acid-amine. A. G. Hovey and T. S. Hodgins. 2,197,723; Apr. 16.
Condensation product and manufacturing the same. R. Fischer. 2,194,468; Mar. 26.
Condensation product and method. E. T. Clocker. 2,188,882–3; Jan. 30.
Condensation product and method. E. T. Clocker. 2,188,885–6; Jan. 30.
Condensation product and method. E. T. Clocker. 2,188,888–9; Jan. 30.
Condensation product and producing same, Nitrogenous. H. Ulrich. 2,222,208; Nov. 19.
Condensation product, Cyclic. H. A. Bruson and J. W. Kroeger. 2,198,374; Apr. 23.
Condensation product from higher fatty acids and esters thereof, Making a viscosity lowering. S. Jordan. 2,185,592; Jan. 2.

Condensation product from phosgene and acetylene compounds and preparing the same. A. W. Ralston. 2,196,445; Apr. 9.
Condensation product of free resinic acid and organic amine and making same. A. G. Hovey and T. S. Hodgins. 2,218,284; Oct. 15.
Condensation product of the perylene series. H. Neresheimer and A. Vilsmeier. 2,191,114; Feb. 20.
Condensation products. K. Memminger. 2,219,369; Oct. 29.
Condensation products. H. Schuette, C. Schoeller, and M. Wittwer. 2,205,021; June 18.
Condensation products and making same, Colored. F. Felix and R. Ruegg. 2,226,054; Dec. 24.
Condensation products and preparing them. L. Orthner, G. Balle, and K. Horst. 2,225,960; Dec. 24.
Condensation products and producing same, Nitrogenous. H. Krzikalla, C. Schoeller, W. Pannwitz, and H. Denner. 2,194,906; Mar. 26.
Condensation products and their production, Polynuclear. H. Hopff and H. Schoenherr. 2,205,763; June 25.
Condensation products containing nitrogen and making same. W. Kern. 2,189,503; Feb. 6.
Condensation products containing onium groups, Production of. C. Schoeller, H. Ulrich, and E. Ploetz. 2,214,352; Sept. 10.
Condensation products containing sulphur and nitrogen, Producing insoluble. P. Esselmann, K. Kösslinger, and J. Düsing. 2,208,095; July 16.
Condensation products from phenols, Manufacture of. R. J. W. Reynolds and E. E. Walker. 2,218,344; Oct. 15.
Condensation products having the constitution of acid amides and preparing them. K. Horst and H. Schild. 2,213,984; Sept. 10.
Condensation products of acid amide like constitution and preparing them. G. Balle and H. Schild. 2,215,367; Sept. 17.
Condensation products of amino-triazine aldehyde, and alcoholic group-containing compounds and making same. G. Widmer and W. Fisch. 2,197,357; Apr. 16.
Condensation products of betainelike constitution and preparing them. L. Orthner, G. Balle, J. Rosenbach, and K. Bonstedt. 2,217,846; Oct. 15.
Condensation products of butyrolactones and primary amines of the aromatic and heterocyclic series. H. Andersag. 2,187,847; Jan. 23.
Condensation products of ethers of alkylol amines. H. Ulrich and J. Nuesslein. 2,187,823; Jan. 23.
Condensation products of fluoranthene and making same, Nitrogenous. W. Kern, T. Holbro, and R. Tobler. 2,219,707; Oct. 29.
Condensation products of higher fatty acid compounds with boric acid. K. Stickdorn. 2,187,334; Jan. 16.
Condensation products of pyrene. H. Hopff, H. Eichel, and H. Schoenherr. 2,198,967; Apr. 30.
Condensation products of the anthraquinone series. F. Baumann and H.-W. Schwechten. 2,188,103–4; Jan. 23.
Condensation products of vinyl methyl ketone and water-soluble aldehydes, Production of. H. Hopff. 2,196,452; Apr. 9.
Condensation products, Polymeric. C. S. Marvel and D. S. Frederick. 2,201,544; May 21.
Condensation products, Production of. H. Ulrich and J. Nuesslein. 2,206,928; July 9.
Condensation products, Production of water-soluble. R. Alles. 2,191,737; Feb. 27.
Condensation products suitable as assistants in the lacquer and related industries, Production of. H. Krzikalla, P. Garbsch, and C. Schoeller. 2,194,429; Mar. 19.
Condensation products useful in the textile and related industries, Production of nitrogen-containing. F. Guenther. 2,189,648; Feb. 6.

Condenser; *See*—
Barometric multijet condenser.
Cartridge condenser.
Dry electrolytic condenser
Electric condenser.
Electrical condenser.
Electrical connector.
Electrolytic condenser.
Electrostatic condenser.
Fractional condenser.
Noninductive condenser.
Trimming condenser.
Tube mounting and by-
Vapor condenser.
Variable condenser.
Variable electrical condenser.

Condenser. J. A. Flanzer. 2,209,546; July 30.
Condenser. F. Gerth. 2,219,921; Oct. 29.
Condenser. L. G. Ketcham. 2,208,931; July 23.
Condenser. D. W. R. Morgan. 2,222,439; Nov. 19.
Condenser and preparing etched electrodes therefor, Electrolytic. S. Ruben. 2,199,445; May 7.
Condenser apparatus. J. W. McNulty. 2,201,783; May 21.
Condenser apparatus. D. W. R. Morgan. 2,196,641; Apr. 9.
Condenser arrangement, Elastic fluid turbine. J. H. Doran. 2,191,343; Feb. 20.
Condenser assembly. H. L. Hartzell. 2,205,816; June 25.
Condenser attachment. W. B. Towell. 2,193,499; Mar. 12.
Condenser bushing. H. J. Lingal and E. E. Arnold. 2,189,610; Feb. 6.
Condenser construction, Variable. A. Horowitz. 2,215,791; Sept. 24.
Condenser container. W. G. Pontis. 2,197,193; Apr. 16.
Condenser dielectric. G. T. Kohman. 2,212,836; Aug. 27.
Condenser electrode terminal. J. R. Brock. 2,218,162; Oct. 15.
Condenser finning machine. W. L. O'Brien. 2,224,549; Dec. 10.
Condenser fins, Making. W. L. O'Brien. 2,224,550; Dec. 10.
Condenser for cotton and other fibers. W. Shaw and E. B. MacLean. 2,210,843; Aug. 6.
Condenser for high frequency purposes, Tuning. H. A. Moore. 2,210,494; Aug. 6.
Condenser for mechanical refrigerators. W. R. Ramsaur. 2,195,259; Mar. 26.
Condenser mounting. G. V. Peck. 2,202,166; May 28.
Condenser mounting. E. B. Sleeter and H. Hurst. 2,219,495; Oct. 29.
Condenser stator mounting means. J. H. Teaf. 2,213,852; Sept. 3.
Condenser storage equipment. E. P. G. Wright. 2,208,655; July 23.
Condenser tube. J. J. Moran. 2,197,243; Apr. 16.
Condenser tube protector. T. J. Bay. 2,195,403; Apr. 2.
Condenser tube protector. T. J. Bay. 2,225,615; Dec. 24.
Condenser winding machine. T. Ackley. 2,199,603; May 7.
Condenser winding machine. E. M. Kile and S. Kain. 2,205,171; June 18.
Condensers and condenser made thereby, Making electric. S. Ruben. 2,211,583; Aug. 13.
Condensers and similar articles, Sealing of. J. A. Kater. 2,194,703; Mar. 26.
Condensers, Method and apparatus for the manufacture of electric. F. Kostka. 2,201,864; May 21.
Condensing apparatus. J. W. McNulty. 2,224,877; Dec. 17.
Condensing unit. J. R. Caulk, Jr. 2,226,444; Dec. 24.
Condiment dispenser. P. J. Tarantolo. 2,185,576; Jan. 2.
Condiment holder. W. F. Reibold. 2,195,999; Apr. 2.
Condiment receptacle. G. P. Thomas. 2,189,454; Feb. 6.
Condiment shaker bottom. M. C. T. Lewis. 2,192,836; Mar. 5.
Condition control system. N. O. Clark. 2,226,845; Dec. 31.
Condition controller. M. C. Honeywell. 2,221,636; Nov. 12.
Condition controller. N. A. Metzger. 2,203,631; June 4.
Condition finder for invisible parts of automobiles, Portable. D. B. Dickinson. 2,188,677; Jan. 30.
Condition regulating system. G. F. Drake. 2,213,956; Sept. 10.
Condition-responsive device. W. D. Hall. 2,225,941; Dec. 24.
Conditioning apparatus. W. N. Bray. 2,204,656; June 18.
Condolence receptacle. R. H. Saviteer. 2,188,419; Jan. 30.
Conductance, Measurement of conversion. K. M. Soukaras. 2,192,206; Mar. 5.
Conducting exothermic reactions. H. I. Waterman, J. J. Leendertse, and W. J. C. de Kok. 2,217,263; Oct. 8.
Conductivity indicating system. S. L. Christie. 2,221,306; Nov. 12.
Conductivity testing system and method. S. L. Christie. 2,221,307; Nov. 12.
Conductor, Air-space insulated. T. Lehne, K. Schluckebier, P. Thomas, and H. Wassmansdorff. 2,197,616; Apr. 16.
Conductor and making the same, Insulated. A. N. Gray. 2,189,395; Feb. 6.
Conductor bending die. G. W. Elsey. 2,199,623; May 7.
Conductor cable. A. C. Ducati. 2,217,162; Oct. 8.
Conductor clamp. J. J. Taylor. 2,209,009; July 23.
Conductor, Coaxial electrical. S. Ruben. 2,211,584; Aug. 13.
Conductor, Electric. H. Hill and T. B. Rose. 2,217,276; Oct. 8.
Conductor, Electric. J. W. Olson. 2,186,788; Jan. 9.
Conductor, Electrical. R. A. Bilton. 2,186,319; Jan. 9.
Conductor, Electrical. J. B. Lunsford. 2,185,558; Jan. 2.
Conductor, Electrically insulating a. K. H. Benton. 2,215,996; Sept. 24.
Conductor for mercury vapor tubes, Lead-in. F. Lauster. 2,187,860; Jan. 23.
Conductor holder. H. W. Bodendieck. 2,195,020; Mar. 26.
Conductor, Insulated electric. W. H. Smyers. 2,226,590; Dec. 31.
Conductor, Lead-in. R. E. Bassett. 2,193,017; Mar. 12.
Conductor, Making an insulated electrical. W. Schulze. 2,218,385; Oct. 15.
Conductor support. R. R. Pittman and C. H. Walsh. 2,198,839; Apr. 30.
Conductor system for transmission of electrical power, Coaxial. W. S. Duttera. 2,191,071; Feb. 20.
Conductor-tapping device. R. R. Pittman and C. H. Walsh. 2,198,841; Apr. 30.
Conductor transmission line, Concentric. L. C. Mueller. 2,218,921; Oct. 22.
Conductor transmission line, Concentric. P. H. Smith. 2,216,893; Oct. 8.

Conductor transmission line, Concentric. P. H. Smith and M. A. Specht. 2,207,522; July 9.
Conductor, Tubular. U. Meyer, A. Braun, F. Unterbusch, A. Lindlau, and C. Kern. 2,223,116; Nov. 26.
Conductor with spun glass core. E. S. McConnell. 2,193,429; Mar. 12.
Conduit. G. F. Heath. 2,189,207; Feb. 6.
Conduit clamp. H. V. Sperbeck and J. A. Jameson. 2,223,191; Nov. 26.
Conduit cleaning mechanism. M. G. Burwell. 2,219,555; Oct. 29.
Conduit construction. R. E. Peck. 2,226,523; Dec. 24.
Conduit coupling. L. Kamenarovič. 2,222,746; Nov. 26.
Conduit coupling, Detachable. E. M. Pfauser. 2,218,318; Oct. 15.
Conduit, Extensible vacuum cleaner. A. A. Forsberg. 2,196,459; Apr. 9.
Conduit fitting. R. H. Manson. 2,222,438; Nov. 19.
Conduit fitting, Air conditioning. R. E. Peck. 2,216,046; Sept. 24.
Conduit, Fluid. M. W. Barnes. 2,217,000; Oct. 8.
Conduit joint, Multiple. H. F. Vickers, J. R. Moser, and J. A. Martin. 2,195,547; Apr. 2.
Conduit section for air conduits. H. A. Acer. 2,224,208; Dec. 10.
Conduit sections, Connecting. J. N. Ice. 2,192,914; Mar. 12.
Conduit, Windshield. E. A. Westling. 2,191,164; Feb. 20.
Conduits, Making fluid. M. L. Eckman. 2,225,862; Dec. 24.
Conduits, Method of sealing. R. E. Bishop. 2,202,617; May 28.
Cone and nicker arrangement for cigar machines. S. Clausen. 2,221,733; Nov. 12.
Cone dispenser. J. Balton. 2,210,829; Aug. 6.
Confection and coating, Frozen. S. Oprean. 2,191,352; Feb. 20.
Confection and making it, Frozen. A. Musher. 2,217,700; Oct. 15.
Confection and making same. C. Bergquist. 2,193,470; Mar. 12.
Confection device, Dual. R. R. Knowlton. 2,226,474; Dec. 24.
Confection freezing apparatus, Continuous. C. Erickson and E. Spellman. 2,191,344; Feb. 20.
Confection making apparatus. J. E. Hogue. 2,204,496; June 11.
Confection mold. B. L. York. 2,212,765; Aug. 27.
Confections, Forming frozen. J. E. Hogue. 2,204,495; June 11.
Confections, Preparing grained. A. A. Lund. 2,199,887; May 7.
Congelation and agitation apparatus. J. H. Godfrey and A. W. Farrall. 2,210,366; Aug. 6.
Conical self-tightening bearing. J. J. Molzer. 2,194,908; Mar. 26.
Connecting device. P. T. Coffin. 2,222,936; Nov. 26.
Connecting device. G. B. Sayre. 2,195,343; Mar. 26.
Connecting device for doors and the like. D. R. Lasier. 2,207,128; July 9.
Connecting means for sectional poles. R. E. McMackin. 2,186,763; Jan. 9.
Connecting means for tractor and implement units. R. G. Le Tourneau. 2,223,375; Dec. 3.
Connecting means to be used for tufting mattresses and similar operations. A. Fridolf. 2,192,161; Feb. 27.
Connecting mechanism. L. T. Pearson and F. M. Zimmerman. 2,188,308; Jan. 30.
Connecting pin. F. Schaefer. 2,199,271; Apr. 30.
Connecting rod. A. O. G. Palmgren. 2,215,741; Sept. 24.
Connecting rod structure. J. A. H. Barkeij. 2,209,014; July 23.
Connecting rod, True-motion. F. P. Sollinger. 2,199,655; May 7.
Connection, Air-venting pipe. E. S. Cornell, Jr. 2,198,451; Apr. 23.
Connection and plug, Safety wall socket. E. F. Taylor. 2,226,148; Dec. 24.
Connection and sealing member, Pipe. F. H. Mueller, W. J. Bowan, and E. H. Fawley. 2,199,647; May 7.
Connection and the like, Electric. V. H. Christen. 2,227,123; Dec. 31.
Connection, Ascension pipe. C. Otto. 2,211,156; Aug. 13.
Connection, Automotive vehicle control. O. F. Quartullo. 2,219,601; Oct. 29.
Connection between a propeller and its driving shaft. L. Thiry. 2,214,512; Sept. 10.
Connection, Bracelet end. A. O. Schoeninger. 2,206,052; July 2.
Connection, Branch. C. H. Gay. 2,220,899; Nov. 12.
Connection construction. W. N. Hallanger. 2,210,535; Aug. 6.
Connection, Electric outlet. L. J. Pfohl. 2,189,676; Feb. 6.
Connection, Electric terminal. M. P. Hanson. 2,185,193; Jan. 2.
Connection, Eyeglass temple. G. C. Greene. 2,191,252; Feb. 20.
Connection, Flexible driving. J. W. Barcus. 2,190,857; Mar. 5.
Connection, Flexible hose. W. H. Miller. 2,211,147; Aug. 13.
Connection, Fluid line. S. Wiltse. 2,226,039; Dec. 24.
Connection for building elements, Metal. V. R. P. Saxe. 2,188,445; Jan. 30.
Connection for cables. E. D. Eby. 2,210,804; Aug. 6.
Connection for drop hammers, Piston rod. W. H. J. and R. P. Fitzgerald. 2,195,644; Apr. 2.
Connection for electric light bulbs and sockets, Screw thread. A. Illsche. 2,208,423; July 16.
Connection for electric signs, Electrical. H. L. Kresge. 2,186,703; Jan. 9.
Connection for high voltage direct current circuits, Rectifier. R. D. Evans. 2,193,585; Mar. 12.
Connection for knobs and the like. G. A. Tinnerman. 2,190,577; Feb. 13.
Connection for power transmitter clutches, Treadle. W. A. Adams. 2,222,219; Nov. 19.
Connection for railway cars, Vestibule. M. Seel. 2,217,599; Oct. 8.
Connection for railway switches and the like, Swivel. J. C. Mock. 2,213,500; Sept. 3.
Connection for sheet metal pipe, Take-off. E. Wasmund. 2,216,864; Oct. 8.
Connection, Fuel line. R. H. Sheppard. 2,210,345; Aug. 6.
Connection, Implement. T. Brown. 2,195,611; Apr. 2.
Connection, Iron cord. I. Dorman. 2,191,011; Feb. 20.
Connection means, Electrical. H. A. Douglas. 2,195,271; Mar. 26.
Connection means, Electrical. A. L. Martinek. 2,195,279; Mar. 26.
Connection means, Electrical. C. S. Penfold. 2,200,294; May 14.
Connection, Overload-release drive. C. Scholl. 2,194,327; Mar. 19.
Connection, Pipe. R. G. Ferris. 2,221,934; Nov. 19.
Connection, Piston rod. G. R. Ohmart. 2,213,884; Sept. 3.
Connection, Pitman. W. Schwemlein. 2,198,744; Apr. 30.
Connection, Pivot. H. B. Thomas. 2,222,694; Nov. 26.
Connection plug. S. A. Levey. 2,214,560; Sept. 10.
Connection, Pressure vessel. H. J. Kerr. 2,203,357; June 4.
Connection, Quick-detachable electrical. L. H. Marshall. 2,200,993; May 14.
Connection, Rail joint. M. Rüping. 2,185,357; Jan. 2.
Connection, Railway switch box. H. L. Bone. 2,208,449; July 16.
Connection, Resilient. E. J. Winkleman. 2,187,923; Jan. 23.
Connection, Screw and nut driving. H. S. Sizer. 2,205,634; June 25.
Connection, Shaft and socket. F. S. La Sota. 2,199,076; Apr. 30.
Connection, Socket. J. J. Janosko. 2,208,985; July 23.
Connection, Spark plug. J. M. Oldham. 2,190,162; Feb. 13.
Connection, Swivel. N. Grimaldi. 2,224,343; Dec. 10.
Connection, Television receiving. K. Schlesinger. 2,226,108; Dec. 24.
Connection, Terminal and wire. H. N. Wagar. 2,214,151; Sept. 10.
Connection, Track. A. Spillman. 2,195,588; Apr. 2.
Connection, Trailer. G. A. Kendall. 2,205,656; June 25.
Connection, Universal. J. W. Leighton. 2,215,967; Sept. 24.
Connections, Making pipe. T. M. Dugan and E. C. Wright. 2,224,145; Dec. 10.

Connector: *See*—

Battery cable connector.
Battery connector.
Battery post connector.
Battery terminal connector.
Belt connector.
Box connector.
Brake connector.
Cable connector.
Chain connector.
Circuit closing connector.
Composite strand connector.
Denture connector.
Detachable electric connector.
Electric connector.
Electrical connector.
Electrical plug connector.
End connector.
Faucet connector.
Flexible connector.
Fuse carrying connector.
Hook jaw wire connector.
Hydraulic swivel connector.
Irrigating pipe connector.
Multiple connector.
Pipe connector.
Plug connector.
Range connector.
Shutoff connector.
Solderless connector.
Straight line connector.
T connector.
Tap connector.
Tap-off connector.
Threadless pipe connector.
Underwater connector.
Universal electric connector.
Vehicle towing connector.
Wire connector.
Wire or rod connector.

Connector. L. G. Boomsma. 2,219,913; Oct. 29.
Connector. R. A. Goeller. 2,205,474; June 25.
Connector. R. G. Goodyear. 2,198,964; Apr. 30.
Connector. S. Guarnaschelli. 2,200,082; May 7.
Connector. W. O. Hampton. 2,216,344; Oct. 1.
Connector. C. W. Jorgensen. 2,208,848; July 23.
Connector. J. B. Madden. 2,187,166; Jan. 16.
Connector. B. D. McIntyre. 2,201,590; May 21.
Connector. E. G. J. Pederquist. 2,206,672; July 2.
Connector. E. H. Reed. 2,194,769; Mar. 26.
Connector. L. G. Riley. 2,217,496; Oct. 8.
Connector. E. M. Ziemer. 2,206,295; July 2.
Connector and car coupler slack control means, Automatic train pipe. J. Robinson. 2,201,203; May 21.

Connector and insulator attachment, Electric. M. M. Kauffman. 2,208,264; July 16.
Connector and switch, Combined. L. W. Cook. 2,191,339; Feb. 20.
Connector apparatus, Remotely controlled. D. W. Auld and L. J. Weber. 2,225,252; Dec. 17.
Connector clamp. M. A. Best. 2,190,510; Feb. 13.
Connector device. A. M. Draving. 2,196,254; Apr. 9.
Connector device. M. Schottenfels. Re. 21,619; Nov. 5.
Connector device. S. Sutter. 2,191,871; Feb. 27.
Connector device. S. Sutter. 2,206,736; July 2.
Connector device, Electrical. C. G. Olson. 2,191,297; Feb. 20.
Connector for radiant heater elements, High temperature terminal. F. A. Simons. 2,189,231; Feb. 6.
Connector for sector conductor cables. E. D. Eby. 2,188,178; Jan. 23.
Connector for the liquid cooling and electric systems of welding apparatus. L. S. Burgett. 2,220,990; Nov. 12.
Connector for tubular members. L. L. Haas. 2,215,101; Sept. 17.
Connector plug. E. E. Folsom. 2,204,408; June 11.
Connector plug. C. C. Smith. 2,223,231; Nov. 26.
Connector plug, Electric. G. E. Andre. 2,205,186; June 18.
Connector with washer cap. M. Lee and J. Rogoff. 2,188,135; Jan. 23.
Connector yoke for flashlights. S. E. Hoiseth. 2,189,715; Feb. 6.
Connectors, Forming lined. R. K. Hopkins. 2,216,033; Sept. 24.
Consistency responsive device. H. S. Harcourt. 2,192,039; Feb. 27.
Constant speed motor. A. S. Norcross. 2,192,051; Feb. 27.
Constant velocity joint. B. K. Stuber. 2,206.735; July 2.
Constituents of a gaseous medium by adsorption, Operating upon one or more. R. G. Guthrie. 2,222,828; Nov. 26.
Constituents of alloys or mixtures of metals and/or elements similar to metals, Separation of the. P. Kemp. 2,207,461; July 9.
Construction element. A. Davis, Jr. 2,200,159; May 7.
Construction joint. J. E. Carter. 2,205,810; June 25.
Construction material for roofing, siding, and the like. J. R. McKee, Jr. 2,216,206; Oct. 1.
Construction method for underground structures. T. Ouchi. 2,213,169; Aug. 27.
Construction surfacing system. H. P. Ford. 2,191,461; Feb. 27.
Construction, Suspended. H. G. Bruehlman. 2,191,828; Feb. 27.
Contact. F. R. Hensel, K. L. Emmert, and J. W. Wiggs. 2,195,307; Mar. 26.
Contact apparatus, Gas and liquid. R. B. P. Crawford. 2,198,305; Apr. 23.
Contact arrangement for relays. D. L. Beeman. 2,202,729; May 28.
Contact assembly for cutouts. L. P. Sohlest. 2,224,614; Dec. 10.
Contact attachment for electrical connections. A. J. Anderson. 2,203,122; June 4.
Contact chamber. D. W. Wilson and S. J. Chute. 2,198,555; Apr. 23.
Contact chamber. D. W. Wilson and S. J. Chute. 2,219,214; Oct. 22.
Contact cleaning. L. R. Goetz. 2,223,516; Dec. 3.
Contact construction for circuit breakers, Shielded. F. H. Cole. 2,196,008; Apr. 2.
Contact copying machine. G. Szasz. 2,222,961; Nov. 26.
Contact device. W. W. Kraft. 2,222,565; Nov. 19.
Contact device. S. S. Matthes. 2,195,734; Apr. 2.
Contact device, Electric. H. C. Rose. 2,185,950; Jan. 2.
Contact device, Tape controlled. J. N. Anderson. 2,195,394; Apr. 2.
Contact, Electric. F. R. Hensel and K. L. Emmert. 2,197,393; Apr. 16.
Contact, Electric. F. R. Hensel, K. L. Emmert, and J. W. Wiggs. 2,197,394; Apr. 16.
Contact, Electric. C. H. Rippl. 2,209,038; July 23.
Contact filing device. H. Wilson. 2,187,292; Jan. 16
Contact mass for use in the catalytic vapor phase oxidation of organic compounds. J. M. Weiss. 2,209,908; July 30.
Contact mechanism for electric alarms and the like. J. Marck. 2,214,232; Sept. 10.
Contact member for sockets of plug and socket devices. S. M. Del Camp. 2,188,530; Jan. 30.
Contact printing box. P. F. Jackson. 2,198,251; Apr. 23.
Contact rebounding, System for measuring. S. I. Cory. 2,221,833; Nov. 19.
Contact rectifiers and the like, Construction of dry surface. J. M. J. Dormoy and R. Doucot. 2,213,388; Sept. 3.
Contact, Silver faced. C. B. Gwyn, Jr. 2,199,240; Apr. 30.
Contact structure. J. A. Herbst. 2,203,727; June 11.
Contacting apparatus. E. R. Broden. 2,210,059; Aug. 6.
Contacting apparatus, Centrifugal. H. W. Sheldon and F. C. Fahnestock. 2,189,230; Feb. 6.
Contacting process and apparatus. C. G. Gilbert. 2,189,491; Feb. 6.
Contactor, Mechanical. G. Letsch. 2,217,487; Oct. 8.
Contactor, Trolley wire. S. S. Matthes. 2,195,735; Apr. 2.
Contacts, Making. R. H. Burns. 2,216,510; Oct. 1.
Container: *See*—
Acidproof container.
Adjustable delivery container.
Article container.
Ashtray feeder container.
Beverage container.
Built-up container.
Cardboard container.
Coating container.
Coffee container.
Collapsible container.
Combination shipping and display container.
Compartment container.
Condenser container.
Cosmetic container.
Decorative container.
Dish container.
Dispensing container.
Display container.
Electrically heated container.
Film container.
Flowerpot liner and fertilizer container.
Foldable container.
Folding container.
Food container.
Freight container.
Heat treating container.
Ice Cream container.
Illuminated container.
Key container.
Key opening container.
Liquid container.
Liquid dispensing container
Match container.
Medical tablet container.
Merchandise container.
Merchandise shipping container.
Metal container.
Metallic container.
Milk container.
Multiple compartment container.
Package and non-corrodible container.
Paperboard container.
Paper container.
Paper oil container.
Paste container.
Pie cut container.
Plural compartment container.
Refrigerated container.
Ribbon roll container.
Self-locking container.
Sheet metal container.
Shipping container.
Shipping display container.
Sifter top container.
Silverware container.
Storage container.
Tape match container.
Temperature controlled container.
Transparent container.
Trash container.
Water-tight container.
Container. J. E. Annen. 2,208,065; July 16.
Container. C. A. Arnesen. 2,196,181; Apr. 9.
Container. G. B. Beaman. 2,214,220; Sept. 10.
Container. G. B. Beaman and B. M. Williams. 2,220,388; Nov. 5.
Container. R. D. Bennett. 2,218,670; Oct. 22.
Container. E. Brand. 2,197,565; Apr. 16.
Container. T. F. Brennan. 2,185,180; Jan. 2.
Container. A. J. Chamberlain. 2,191,705; Feb. 27.
Container. M. H. Cline. 2,191,557; Feb. 27.
Container. W. H. Cook. 2,192,006; Feb. 27.
Container. J. C. Donnelly. 2,200,200; May 7.
Container. C. K. Dunlap. 2,207,003; July 9.
Container. C. K. Dunlap. 2,209,448; July 30.
Container. C. K. Dunlap. 2,209,449; July 30.
Container. C. K. Dunlap. 2,225,624; Dec. 24.
Container. G. C. Erb. 2,187,735; Jan. 23.
Container. A. F. Files. 2,211,498; Aug. 13.
Container. J. V. Flood. 2,226,340; Dec. 24.
Container. F. G. Foss. 2,186,962; Jan. 16.
Container. F. G. Foss. 2,196,206; Apr. 9.
Container. E. F. Ganter. 2,194,143; Mar. 19.
Container. W. T. Giles. 2,224,632; Dec. 10.
Container. G. Glocker. 2,187,396; Jan. 16.
Container. W. F. Grant. 2,223,343; Dec. 3.
Container. J. L. Hawkinson. 2,195,532; Apr. 2.
Container. V. Himmer. 2,215,268; Sept. 17.
Container. J. Hohl. 2,189,174; Feb. 6.
Container. J. H. Horsley. 2,199,664; May 7.
Container. J. M. Hothersall. 2,186,973; Jan. 16.
Container. J. M. Hothersall. 2,200,275; May 14.
Container. A. Howie. 2,200,277; May 14.
Container. W. R. Hummel. 2,192,686; Mar. 5.
Container. J. P. Kavanaugh. 2,186,111; Jan. 9.
Container. B. F. Kells. 2,196,502; Apr. 9.
Container. H. G. King. 2,188,813; Jan. 30.
Container. R. E. Krengel. 2,198,119; Apr. 23.
Container. M. Levy and F. R. Casino. 2,187,559; Jan. 16.
Container. F. Lobl. 2,200,395; May 14.
Container. S. P. McDaniels. 2,204,765; June 18.
Container. D. K. McInnis and R. B. Aldrich. 2,185,796; Jan. 2.
Container. C. E. McManus. 2,198,630; Apr. 30.
Container. C. E. McManus and G. Goebel. 2,197,434; Apr. 16.
Container. G. A. Moore. 2,185,604; Jan. 2.
Container. G. A. Moore. 2,214,172; Sept. 10.
Container. F. W. Nitardy. 2,218,092; Oct. 15.
Container. R. Nyden. 2,219,486; Oct. 29.
Container. J. E. Page. 2,226,178; Dec. 24.
Container. F. D. Palmer. 2,190,433; Feb. 13.
Container. R. E. Paris. 2,195,257; Mar. 26.
Container. S. Quisling. 2,212,074; Aug. 20.
Container. R. E. Reardon. 2,207,757; July 16.
Container. A. R. Reese and C. G. Hartsook. 2,220,351; Nov. 5.
Container. F. P. Riedel. 2,209,663; July 30.
Container. H. F. Rigerman. 2,203,271; June 4.
Container. W. A. Ringler. 2,220,913; Nov. 12.
Container. L. Roth. 2,190,163; Feb. 13.
Container. R. L. Sayre. 2,190,803; Feb. 20.
Container. H. G. Seybold. 2,188,963; Feb. 6.
Container. O. Simon. 2,222,213; Nov. 19.
Container. N. Snelling. 2,209,796; July 30.

Container. G. D. Snyder. 2,191,506; Feb. 27.
Container. S. Stone. 2,202,358; May 28.
Container. H. C. Stute. 2,189,410; Feb. 6.
Container. R. L. Sullivan. 2,186,940; Jan. 16.
Container. W. Tamoschat. 2,218,665–6; Oct. 22.
Container. E. O. Then. 2,185,236; Jan. 2.
Container. M. Wagner. 2,201,416; May 21.
Container. O. Y. Warren. 2,200,813; May 14.
Container. R. Wells and H. M. Kieckhefer. 2,201,462; May 21.
Container and applicator, Powder. U. C. Tainton. 2,225,540; Dec. 17.
Container and ashtray, Combined. C. A. Schultz. 2,188,692; Jan. 30.
Container and blank therefor. A. S. Allen. 2,185,391; Jan. 2.
Container and blank therefor. H. Carew. 2,187,769; Jan. 23.
Container and closing the same. H. T. Scott. 2,210,153; Aug. 6.
Container and closure therefor. A. Potdevin and R. L. Richmond. 2,216,133; Oct. 1.
Container and cradle, Combined. O. Williams and H. Ward. 2,196,512; Apr. 9.
Container and dispenser, Powder. E. L. Penrod. 2,199,754; May 7.
Container and display rack, Combination oil salvage and refuse. H. W. Mitchell. 2,199,970; May 7.
Container and ejector, Combination. V. F. Greaves. 2,194,828; Mar. 26.
Container and forming same. A. B. Wilson. 2,192,424; Mar. 12.
Container and gas generator, Combined shipping. C. Ness. 2,211,430; Aug. 13.
Container and heating means therefor. L. Katz. 2,212,441; Aug. 20.
Container and locking device therefor. F. R. Davis. 2,206,664; July 2.
Container and making containers. O. Johnson. 2,186,073; Jan. 9.
Container and making same. I. Gurwick. 2,224,017; Dec. 3.
Container and making same. A. G. Hatch. 2,218,027; Oct. 15.
Container and making same, Paperboard. A. J. Weiss and H. J. Rossi. 2,216,527; Oct. 1.
Container and making the same. C. Barbieri. 2,220,312; Nov. 5.
Container and making the same. J. B. Calva. 2,188,497; Jan. 30.
Container and making the same. G. A. Moore. 2,200,289; May 14.
Container and parts thereof. P. Zalkind. 2,186,947; Jan. 16.
Container and release mechanism for aircraft. W. A. Ring and C. B. Livers. 2,214,724; Sept. 10.
Container and stopper, Insulated. A. S. Knapp. 2,207,543; July 9.
Container attachment. C. L. Lehman. 2,205,726; June 25.
Container cap. F. R. Hirst. 2,194,658; Mar. 26.
Container cap. F. W. Kalbskopf. 2,222,103; Nov. 19.
Container, Cellulosic. M. C. Meyer. Re. 21,647; Dec. 3.
Container cleaning machine. I. Risser. 2,196,027; Apr. 2.
Container closure. F. C. Barber. 2,206,150; July 2.
Container, closure. E. S. Beardsley. 2,191,447; Feb. 27.
Container closure. A. E. Cullen. 2,212,898; Aug. 27.
Container closure. J. B. Eisen. 2,188,942; Feb. 6.
Container closure. C. J. Gustafson. 2,213,163; Aug. 27.
Container closure. J. Gutmann. 2,188,946; Feb. 6.
Container enclosure. I. Ročić. 2,209,081; July 23.
Container closure. W. F. Straub. 2,194,486; Mar. 26.
Container closure. R. W. Taylor. 2,196,345; Apr. 9.
Container closure. W. Vinson. 2,213,794; Sept. 3.
Container closure. O. W. Wentz. 2,202,880; June 4.
Container closure and forming means therefor. G. O. Conner and E. H. Bock. 2,216,432; Oct. 1.
Container closure and lining composition. K. Tator. Re. 21,575; Sept. 17.
Container closure, Transparent. J. J. Zeugner. 2,219,146; Oct. 22.
Container closures, Making. H. Sebell. 2,199,528; May 7.
Container complete with filter, for water or other liquids, Portable. C. Pires. 2,222,914; Nov. 26.
Container construction. J. Buckley. 2,224,949; Dec. 17.
Container construction. M. P. Link. 2,190,990; Feb. 20.
Container construction. R. E. Schmidt. 2,200,900; May 14.
Container construction. O. W. Wentz. 2,202,879; June 4.
Container construction. O. W. Wentz. 2,220,746; Nov. 5.
Container construction, Sealed. H. B. Rudd. 2,224,004; Dec. 3.
Container control mechanism. J. W. Thomas. 2,202,640; May 28.
Container cutter. R. D. Dumont. 2,189,341; Feb. 6.
Container cover. D. L. Cohen. 2,205,467; June 25.
Container cover. C. T. Walter. 2,202,972; June 4.
Container, Dispensing. O. F. Steward. 2,185,574; Jan. 2.
Container fabricating machine. R. D. Bennett and C. Z. Monroe. 2,217,784; Oct. 15.
Container filling apparatus. B. S. Harrington. 2,208,028; July 16.
Container filling machine. A. L. Preston. 2,221,435; Nov. 12.
Container for automobile license certificates. S. K. Wood. 2,220,310; Nov. 5.
Container for baby bottles and the like. I. Lieber. 2,200,991; May 14.
Container for cards. C. W. Beck. 2,185,624; Jan. 2.
Container for cigarette packages. A. K. Crawford and H. G. Arnold. 2,206,455; July 2.
Container for corrosive liquids. H. T. Kraft. 2,209,570; July 30.
Container for electrolytic condensers. A. M. Georgiev. 2,203,902; June 11.
Container for film rolls. M. M. Hurd. 2,204,414; June 11.
Container for fishing rods. L. Sitek. 2,225,438; Dec. 17.
Container for fishing tackle and the like. C. E. Holmes. 2,220,817; Nov. 5.
Container for foodstuffs, Lacquered metal. W. Clayton. 2,215,143; Sept. 17.
Container for hydrogen peroxide, Aluminum. M. E. Bretschger, H. O. Kauffmann, and F. A. Gilbert. 2,219,293–4; Oct. 29.
Container for ice cream sundaes. H. Boyd. 2,190,930; Feb. 20.
Container for individualized packaging. P. H. Wolf. 2,196,689; Apr. 9.
Container for liquefied gases, Pressure. A. C. Brown. 2,195,077; Mar. 26.
Container for liquids. G. A. Damkroger and J. F. Niggeler. 2,198,933; Apr. 30.
Container for melting and pouring paraffin. E. D. L. Huff and H. K. Olson. 2,187,082; Jan. 16.
Container for merchandise. R. R. Lirette. 2,191,571; Feb. 27.
Container for molten glass. P. G. Willetts. 2,203,288; June 4.
Container for motor vehicles, Sputum. J. F. Higbee. 2,206,534; July 2.
Container for perishable liquids. A. H. Esty. 2,201,524; May 21.
Container for photographic cameras, Roll film magazine. G. B. Pollock. 2,187,547; Jan. 16.
Container for photographic plates for automatic photographic machines, Supply. W. Rabkin. 2,215,230; Sept. 17.
Container for pills and the like, Dispensing. L. H. Priddy. 2,204,821; June 18.
Container for prevention of heat and cold transfer. D. Roberts. 2,216,830; Oct. 8.
Container for pulverulent materials. W. H. Rose. 2,185,227; Jan. 2.
Container for shim stock, Storage and dispensing. E. B. Nisbet. 2,214,380; Sept. 10.
Container for signal flares. D. N. Joss. 2,220,407; Nov. 5.
Container for spray guns. E. H. Northcutt. 2,200,675; May 14.
Container for toilet bowls, Deodorant. M. F. Reikosky. 2,214,798; Sept. 17.
Container for tooth powders or the like. D. Aiken. 2,214,218; Sept. 10.
Container for transporting frozen products, Refrigerated storage. R. Stover. 2,216,330; Oct. 1.
Container for viscous liquids. W. H. Stokes and H. E. Hickson. 2,220,830; Nov. 5.
Container, Forming an easy opening. W. F. Punte. 2,187,433; Jan. 16.
Container forming mechanism. M. Heres. 2,200,360; May 14.
Container, Making a. H. Carew. 2,194,275; Mar. 19.
Container making machine. C. Barbieri. 2,197,782; Apr. 23.
Container making machine. C. Barbieri. 2,203,515; June 4.
Container manufacture, Fiber. J. M. Hothersall. 2,201,177; May 21.
Container material, Preparing a. M. Wagner. 2,208,060; July 16.
Container or package handle. N. Cantor. 2,196,055; Apr. 2.
Container package and spray gun, Combined powder. W. L. Rutkowski. 2,195,800; Apr. 2.
Container parts, Making. J. H. Murch. 2,188,916; Feb. 6.
Container provided with a flexible diaphragm for dispensing materials. R. Bergerioux. 2,208,744; July 23.
Container sealing machine. F. L. Darling. 2,223,480–1; Dec. 3.
Container stock and container made therefrom, Window. L. L. McGrady. 2,218,246; Oct. 15.
Container structure. F. Y. McKenney. 2,216,417; Oct. 1.
Container unloading and routing means. J. A. Rheinstrom. 2,187,842; Jan. 23.
Container valve, Combination dispensing. L. G. Murphy. 2,187,049; Jan. 16.
Container venting means. C. J. Schmid. 2,204,448; June 11.
Container with hinged cover. E. E. Baker. 2,195,161; Mar. 26.
Containers, Assembling. J. F. Peters. 2,200,295; May 14.

Containers, Closing and sealing the filler opening of. A. Merkle. 2,218,585; Oct. 22.
Containers, Coating metal. W. Clayton, R. I. Johnson, and C. G. Sumner. 2,215,144; Sept. 17.
Containers, Dismantling. C. H. Ruby. 2,209,209; July 23.
Containers, Filling. J. W. Bassett. 2,188,700; Jan. 30.
Containers for introducing into cavities of the body, Making remedy. K. W. Schmidt. 2,186,729; Jan. 9.
Containers, Forming metallic. J. H. Murch. 2,204,549; June 18.
Containers from plastic materials, Molding. E. P. Stevenson and B. B. Fogler. 2,203,421; June 4.
Containers, Making. J. A. Eden. 2,217,335–6; Oct. 8.
Containers, Making. G. A. Moore. 2,190,479; Feb. 13.
Containers, Making. G. A. Moore. 2,196,665–6; Apr. 9.
Containers, Making flexible pressure. R. W. Brown. 2,221,470; Nov. 12.
Containers, Manufacture of. H. F. Waters. 2,220,874; Nov. 5.
Containers, Method of and apparatus for filling. C. E. Gray and D. D. Peebles. 2,185,191; Jan. 2.
Containers, Method of and apparatus for making collapsible. J. D. Martina. 2,188,912; Feb. 6.
Containers, Method of and apparatus for polishing. H. P. Coats. 2,196,058; Apr. 2.
Containers, Producing moistureproof fiber. D. G. Magill. 2,192,923; Mar. 12.
Containers, Producing moistureproof fiber. D. G. Magill. 2,218,116; Oct. 15.
Containers, Providing plant. O. K. Hoglund and F. W. Herbert. 2,186,912; Jan. 9.
Containers, Removably securing the heads of metal. L. B. Wackman. 2,226,396; Dec. 24.
Containers, System for making, filling, and sealing. J. R. Sonneborn and J. Y. Albertson. 2,200,971; May 14.
Containers, Treating tin-plate. C. G. Sumner. 2,215,165; Sept. 17.
Continuous mixer. L. N. Sorensen. 2,218,962; Oct. 22.
Continuous thickness gauge. C. M. Hathaway. 2,221,516; Nov. 12.
Continuously operating strip mill. A. F. Kenyon and W. G. Cook. 2,214,618; Sept. 10.
Contour finder. T. Abrams. 2,194,682; Mar. 26.
Contour forming apparatus, Attachment for. L. E. Meenan. 2,216,086; Sept. 24.
Contouring machine, Manually controlled. B. Sassen. 2,221,459; Nov. 12.
Contract plug. W. P. Herman. 2,191,384–5; Feb. 20.
Contraction and center joint. R. R. Robertson. 2,193,494; Mar. 12.
Contraction and center joint. R. R. Robertson. 2,195,286; Mar. 26.
Contrivance for charging solid fuel into water-gas producers. H. Koppers. 2,216,116; Oct. 1.
Contrivance for treating materials within a gas atmosphere of increased pressure. W. Doderer. 2,199,521; May 7.
Control and operating mechanism for unloading washers. F. A. Gerlach. 2,203,781; June 11.
Control and warning circuit. H. K. Johnson. 2,190,428; Feb. 13.
Control apparatus. V. D. Barker. 2,190,820; Feb. 20.
Control apparatus. J. W. Dawson. 2,210,709; Aug. 6.
Control apparatus. H. Diamond and J. W. Dawson. 2,210,710; Aug. 6.
Control apparatus. J. E. Haines and S. W. Nickells. 2,225,956; Dec. 24.
Control apparatus. T. R. Harrison. 2,193,096; Mar. 12.
Control apparatus. T. R. Harrison. 2,197,379; Apr. 16.
Control apparatus. T. R. Harrison. 2,211,114; Aug. 13.
Control apparatus. R. P. Hawkins. 2,194,937; Mar. 26.
Control apparatus. R. H. Hill. 2,227,309; Dec. 31.
Control apparatus. D. B. Kirk. 2,216,534; Oct. 1.
Control apparatus. I. W. Knight. 2,192,748; Mar. 5.
Control apparatus. P. B. Leonard. Re. 21,622; Nov. 12.
Control apparatus. P. B. Leonard. 2,202,294; May 28.
Control apparatus. R. L. Mallory. 2,202,218; May 28.
Control apparatus. C. E. Mason. 2,216,039; Sept. 24.
Control apparatus. A. B. Newton. 2,214,700; Sept. 10.
Control apparatus. B. E. O'Hagan. 2,193,074; Mar. 12.
Control apparatus. E. C. Raney. 2,202,429; May 28.
Control apparatus. E. D. Raney. 2,227,199; Dec. 31.
Control apparatus. R. E. Raney. 2,213,505; Sept. 3.
Control apparatus. A. L. Riche. 2,189,996; Feb. 13.
Control apparatus. W. H. F. Schmieding. 2,185,317–18; Jan. 2.
Control apparatus. H. A. van Dyke. 2,194,533; Mar. 26.
Control apparatus. H. Walker. 2,200,728; May 14.
Control apparatus. E. H. White. 2,214,264; Sept. 10.
Control apparatus. H. G. Witmer. 2,199,124; Apr. 30.
Control apparatus, Automatic. D. W. McIlhiney. 2,194,184; Mar. 19.
Control apparatus, Automatic. J. L. Whitten. 2,205,182; June 18.
Control apparatus for engine starters. J. B. Dyer. 2,205,375; June 18.
Control apparatus for liquid meters. W. F. Berck. 2,196,805; Apr. 9.
Control apparatus for motor driven vehicles. O. A. Ross. 2,218,721; Oct. 22.
Control apparatus for operating furnaces. H. A. Reece. 2,188,920; Feb. 6.
Control apparatus for printing machines. W. C. Wieking and A. Baumgartner. 2,200,316; May 14.
Control apparatus for radio receiving sets. R. B. Foster. Re. 21,463; May 28.
Control apparatus for spot or seam welding by means of controllable discharged vessels. H. König, W. Meenen, R. Schnarz, H. Wilbert. 2,224,733; Dec. 10.
Control apparatus for the regulation of pressure. J. L. Kimball. 2,185,671; Jan. 2.
Control apparatus for unloading compressors. R. G. Miner. 2,213,743; Sept. 3.
Control apparatus for vehicles. E. Fischel and J. Thiry. 2,188,834; Jan. 30.
Control apparatus for vehicles, Automatic gyroscopic. H. Roland and J. Thiry. 2,197,898; Apr. 23.
Control apparatus for well pumping and drilling mechanism, Emergency. C. R. Athy. 2,199,583; May 7.
Control apparatus, Multiple. L. E. Spray. 2,211,522–3; Aug. 13.
Control apparatus, Multiple. H. A. Thompson. 2,207,079; July 9.
Control apparatus, Remote. R. K. Frazier. 2,190,447; Feb. 13.
Control arrangement for film handling apparatus. O. Wittel. 2,199,977; May 7.
Control arrangement for magazine cameras. A. E. Lechleitner. 2,211,334; Aug. 13.
Control attachment for fishing lures. C. Pfile. 2,213,019; Aug. 27.
Control, Automatic. C. H. Stevenson. 2,193,845; Mar. 19.
Control circuit. F. J. Champlin and H. R. West. 2,219,915; Oct. 29.
Control circuit. W. Krämer. 2,222,714; Nov. 26.
Control circuit. N. F. Shofstall. 2,210,781; Aug. 6.
Control circuit. H. R. West. 2,200,128; May 7.
Control circuit, Electric. E. E. Moyer. 2,209,233; July 23.
Control circuit, Receiver selectivity. G. Mountjoy. 2,194,566; Mar. 26.
Control color changer for projected light, Remote. J. Levy and E. B. Kirk. 2,192,520; Mar. 5.
Control column for airplanes. H. L. Bowers and R. A. Wolf. 2,206,473; July 2.
Control device. W. Christiansen. 2,216,032; Sept. 24.
Control device. K. Clark. 2,225,982; Dec. 24.
Control device. A. Desfachelles. 2,224,596; Dec. 10.
Control device. E. J. Dillman. 2,200,163; May 7.
Control device. E. J. Dillman. 2,225,586–7; Dec. 17.
Control device. R. T. Glascodine. 2,224,223; Dec. 10.
Control device. R. W. Goff. 2,216,588; Oct. 1.
Control device. R. W. Goff. 2,221,324; Nov. 12.
Control device. F. O. Johnson. 2,222,101; Nov. 19.
Control device. C. W. Kuhn. 2,185,814; Jan. 2.
Control device. J. K. Luthe. 2,189,653; Feb. 6.
Control device. H. A. Mantz. 2,203,691; June 11.
Control device. M. B. Marshall, Jr. 2,214,640; Sept. 10.
Control device. W. J. Morrill. 2,215,294; Sept. 17.
Control device. A. C. Reid. 2,201,012; May 14.
Control device. P. S. Russel. 2,197,262; Apr. 16.
Control device. P. S. Russel. 2,218,975; Oct. 22.
Control device. A. W. Shepherd. 2,204,161; June 11.
Control device. G. R. Townsend. 2,214,645; Sept. 10.
Control device. L. Treubert. 2,209,241; July 23.
Control device. L. F. Whitney. 2,199,975; May 7.
Control device. D. D. Wile. 2,190,464; Feb. 13.
Control device. D. D. Wile. 2,192,117; Feb. 27.
Control device. D. D. Wile. 2,209,216; July 23.
Control device and system. J. R. Auñero. 2,200,235; May 7.
Control device, Automatic. F. B. Harmon. 2,187,124; Jan. 16.
Control device, Electrically operated. R. L. Gunter. 2,226,856; Dec. 31.
Control device for a printing light. F. Busse. 2,220,207; Nov. 5.
Control device for animation. W. E. Garity. 2,198,006; Apr. 23.
Control device for camera and sound recorder. B. M. Johnson. 2,206,192; July 2.
Control device for change-speed gears. G. Meyer. 2,204,143; June 11.
Control device for change speed gears of power driven vehicles. A. Maier. 2,193,733; Mar. 12.
Control device for control of recoil. R. H. S. Hughes. 2,212,685; Aug. 27.
Control device for gasoline dispensing systems. D. J. Nelson. 2,211,476; Aug. 13.
Control device for indexing and phototranscription machines. L. G. Townsend. 2,215,381; Sept. 17.
Control device for oil burners. R. W. Johnson. 2,219,104; Oct. 22.
Control device for pneumatic conveyers for cigarette machines. R. V. Craggs. 2,195,407; Apr. 2.
Control device for power driven vehicles including a plurality of prime movers, Multistage. H. Nyffenegger. 2,190,534; Feb. 13.
Control device for prime movers. W. L. Miller. 2,222,780; Nov. 26.
Control device for printing machines. W. Lewis. 2,200,284; May 14.
Control device for radio receivers. E. N. Muller. 2,216,451; Oct. 1.
Control device for radio receiving apparatus. J. H. Good and W. F. Dester. 2,192,706; Mar. 5.

Control device for radio receiving sets. R. W. Mohr. 2,204,186; June 11.
Control device for rectifiers with ionized vapor. M. Demontvignier. 2,190,353; Feb. 13.
Control device, Radioelectric. L. A. Bollack. 2,212,315; Aug. 20.
Control device, Volume. J. P. Smith. 2,185,870; Jan. 2.
Control device with adjustable reversibility. R. B. Houplain. 2,209,122; July 23.
Control equipment for synchronous frequency converters, Automatic. H. Bany. 2,198,470; Apr. 23.
Control for air conditioning apparatus. F. K. Green. 2,202,763; May 28.
Control for airplanes. A. E. Newman and J. C. Francis. 2,222,204; Nov. 19.
Control for automatic elevators. E. B. Thurston. 2,217,824; Oct. 15.
Control for automatic gearshift mechanism. K. Maybach. 2,201,192; May 21.
Control for automobile brakes, Foot valve. H. C. Mack. 2,197,664; Apr. 16.
Control for automobiles. E. H. Schwenn. 2,188,234; Jan. 23.
Control for buttonhole stitch forming means. D. P. Reilly. 2,226,139; Dec. 24.
Control for combustion apparatus. B. Valjean. 2,214,912; Sept. 17.
Control for conditioning systems. T. K. Greenlee. 2,218,529; Oct. 22.
Control for conditioning systems, Automatic. G. F. Drake. 2,198,603; Apr. 30.
Control for electric fuel pumps. A. C. Korte and K. Lannert. 2,218,846; Oct. 22.
Control for electric motors. C. J. Werner. 2,189,827; Feb. 13.
Control for electric motors, Automatic. R. J. Jensen. 2,215,242; Sept. 17.
Control for electrically heated appliances. H. K. Foster. 2,217,474; Oct. 8.
Control for fuel burning apparatus. V. O. Beam. 2,192,629; Mar. 5.
Control for fuel feed and draft regulating mechanisms, Automatic. L. Campbell, Jr., and A. von Haase. 2,211,810; Aug. 20.
Control for fuel feeding apparatus. B. J. Cross. 2,226,923; Dec. 31.
Control for heating systems. J. S. Baker. 2,221,041; Nov. 12.
Control for high pressure pumps. Automatic. J. E. Holveck and N. E. Brigham. 2,227,260; Dec. 31.
Control for ignition timer, Centrifugal. H. L. Hartzell and D. L. Hittle. 2,219,480; Oct. 29.
Control for inking mechanism, Multiple point. C. Blomgren. 2,201,942; May 21.
Control for internal combustion engines, Strater. R. S. Johnson. 2,197,726; Apr. 16.
Control for Jacquard needles. H. W. Foster. 2,207,093; July 9.
Control for lawn sprinklers. M. A. Michaels. 2,192,578; Mar. 5.
Control for loom letoffs. O. V. Payne. 2,226,232; Dec. 24.
Control for machine guns, Synchronized. R. M. Ferguson. 2,220,014; Oct. 29.
Control for manually adjustable devices, Fusible. S. W. Rushmore. 2,197,621; Apr. 16.
Control for movie cameras, Automatic. J. R. Adams. 2,194,158; Mar. 19.
Control for oil burners, Automatic. R. M. Sandford. 2,226,325; Dec. 24.
Control for power hammers. G. R. Murray and E. C. Clarke. 2,218,684; Oct. 22.
Control for power transmission mechanism. F. W. Slack. 2,198,681; Apr. 30.
Control for presses, Electric. H. F. MacMillin. 2,187,212; Jan. 16.
Control for pressing machines. O. H. and E. Pearson. 2,215,795; Sept. 24.
Control for preventing skidding of automobiles. M. K. Sellers. 2,216,138; Oct. 1.
Control for printing presses and other machinery, System of. E. H. Laabs. 2,186,113; Jan. 9.
Control for printing presses, Ductor roller. C. E. Shreffler. 2,195,829; Apr. 2.
Control for printing presses, Overfeed. C. Grundhoefer. 2,201,726; May 21.
Control for radio apparatus, Automatic. S. J. Cole. 2,190,699; Feb. 20.
Control for radio receivers. S. L. Glamb. 2,214,458; Sept. 10.
Control for radio receivers, Tuning. W. Mahnken. 2,203,736; June 11.
Control for recoil. R. H. S. Hughes. 2,212,683; Aug. 27.
Control for refrigerating apparatus. R. W. Hastings. 2,192,852; Mar. 5.
Control for refrigerating apparatus. R. W. Hastings. 2,192,854; Mar. 5.
Control for refrigerating systems. A. D. Siedle. 2,200,309; May 14.
Control for refrigeration systems. A. D. Siedle and W. H. Kitto. 2,203,509; June 4.
Control for resilient bodies and the like, Deformation. E. E. Kellems. 2,189,987; Feb. 13.
Control for resistance line welding machines. F. M. Beck. 2,209,805; July 30.
Control for stoker motors, Hydraulic. J. F. Turner and C. P. Breidenbaugh. 2,209,429; July 30.
Control for switching cars on and off mine cages, Automatic. K. Ruhl. 2,187,100; Jan. 16.
Control for tape pullers. P. L. Myer and E. R. Wheeler. 2,212,947; Aug. 27.
Control for the roll pressure device of flatwork ironers, Automatic. H. J. Shirley. 2,211,609–10; Aug. 13.
Control for toy electric trains, Automatic. C. J. R. Witman. 2,201,512; May 21.
Control for trail builder, Hydraulic. L. O. Bird and E. P. Drake. 2,185,179; Jan. 2.
Control for transmissions. B. Burner. 2,208,301; July 16.
Control for turret type presses. J. M. Dewey. 2,202,483; May 28.
Control for valves, Electrical. D. H. McCorkle. 2,176,045; Jan. 16.
Control for variable speed drives. P. B. Reeves. 2,188,253; Jan. 23.
Control for vehicular rear signal lights. C. G. Moreno. 2,200,778; May 14.
Control for volume and tuning of a radio set. J. M. Baxter. 2,189,558; Feb. 6.
Control for vulcanizer presses, Safety. P. F. K. Erbguth, R. A. F. Sandberg, and E. S. Smith, Jr. 2,204,531; June 11.
Control for waffle irons, Pressure. C. C. Leavitt. 2,211,900; Aug. 20.
Control for water gas plants or the like, Automatic. J. Daniels. 2,207,580; July 9.
Control for weft replenishing looms, Pneumatic thread. R. G. Turner. 2,199,354; Apr. 30.
Control for wringers. D. Hays. 2,188,812; Jan. 30.
Control gear. R. Vogt. 2,209,144; July 23.
Control handle device. W. W. Mohun. 2,218,134; Oct. 15.
Control means. W. T. Tabb. 2,193,701; Mar. 12.
Control means. H. S. Turner. 2,220,743; Nov. 5.
Control means. S. Vernet. 2,208,149; July 16.
Control means for a radio receiver. G. Santucci. 2,202,432; May 28.
Control means for air circulating systems. N. Passur. 2,224,407; Dec. 10.
Control means for airplanes. G. M. and J. Bellanca. 2,222,997; Nov. 26.
Control means for burners. T. A. Wetzel. 2,198,895; Apr. 30.
Control means for defecator flush rim water supply, Volumetric. W. C. Groeniger. 2,186,755; Jan. 9.
Control means for dredge buckets, Automatic. J. C. Williams. 2,217,629; Oct. 8.
Control means for electrically driven tools, Automatic. S. T. Jeffreys. 2,199,103; Apr. 30.
Control means for fluid-operated clutches. R. W. Strout. 2,204,710; June 18.
Control means for fluid power transmitters. H. F. Canaan. 2,186,956; Jan. 16.
Control means for gyroscopes. F. Lauck and H. Hengsbach. 2,225,014; Dec. 17.
Control means for heat applying apparatus. C. W. Walter. 2,208,552; July 16.
Control means for movable trucks and the like, Directional. I. F. Schreck. 2,202,068; May 28.
Control means for rolling mills E. B. Brooke and D. Morgan. 2,193,189; Mar. 12.
Control means for rotating wing aircraft. H. Focke. 2,225,002; Dec. 17.
Control means for stokers, Automatic. J. S. Skelly. 2,199,012; Apr. 30.
Control means for vehicles, Automatic. E. A. Derungs. 2,207,481; July 9.
Control means, Pressure-responsive. A. L. Cooper. 2,197,205; Apr. 16.
Control means, Selective rotary. G. F. Behringer. 2,192,393; Mar. 5.
Control, mechanism. C. A. Arens. 2,195,400; Apr. 2.
Control mechanism. D. B. Baker, C. R. Rogers, and W. O. Bechman. 2,197,290; Apr. 16.
Control mechanism. C. A. Brewer. 2,225,682; Dec. 24.
Control mechanism. E. C. Bunnell. 2,186,448; Jan. 9.
Control mechanism. H. C. Clay. 2,225,952; Dec. 24.
Control mechanism. J. A. Conterio. 2,220,315; Nov. 5.
Control mechanism. W. W. Criley. 2,217,332; Oct. 8.
Control mechanism. B. R. Granberg. 2,203,297; June 4.
Control mechanism. R. Guffey. 2,202,551; May 28.
Control mechanism. W. Guier. 2,207,797; July 16.
Control mechanism. R. W. Hastings. 2,225,780; Dec. 24.
Control mechanism. R. D. Heitchue. 2,223,725; Dec. 3.
Control mechanism. F. D. Joesting. 2,210,922; Aug. 13.
Control mechanism. C. G. Kronmiller and W. E. Edelman. 2,194,243; Mar. 19.
Control mechanism. C. B. Kurtz. 2,221,976; Nov. 19.
Control mechanism. C. S. McCarthy. 2,212,375; Aug. 20.
Control mechanism. T. A. McGregor. 2,213,322; Sept. 3.
Control mechanism. E. C. Mueller. 2,217,845; Oct. 15.
Control mechanism. N. Pelosi. 2,200,293; May 14.
Control mechanism. R. P. Pescara. 2,222,913; Nov. 26.
Control mechanism. C. O. Pettijean. 2,192,016; Feb. 27.
Control mechanism. G. E. Porter. 2,207,700; July 16.

Control mechanism. R. S. Sanford. 2,226,671; Dec. 31.
Control mechanism. L. R. Smith. Re. 21,510; July 16.
Control mechanism. E. R. Wolfert. 2,199,426; May 7.
Control mechanism, Automatic. P. E. Geldhof and L. Ringer. 2,227,077; Dec. 31.
Control mechanism, Display sign. St. G. Lafitte. 2,189,911; Feb. 13.
Control mechanism, Electrically operable. J. E. Quinlivan. 2,202,922; June 4.
Control mechanism for a wire stitching machine, Safety. A. F. Fischer. 2,199,286; Apr. 30.
Control mechanism for boring mills and the like. A. Trosch. 2,202,766; May 28.
Control mechanism for bread wrapping machine, Electric. T. Jensen. 2,221,481; Nov. 12.
Control mechanism for change speed transmissions. G. T. Randol. 2,193,432; Mar. 12.
Control mechanism for earth working devices. H. A. Hutchins. 2,194,945; Mar. 26.
Control mechanism for electric circuits, Coin. A. W. Shertenlieb. 2,221,850; Nov. 19.
Control mechanism for elevator cars. E. W. Fenn. 2,227,337; Dec. 31.
Control mechanism for elevators. E. L. Dunn. 2,221,395; Nov. 12.
Control mechanism for empty and load brake. W. E. Wine. 2,218,693; Oct. 22.
Control mechanism for forging machines. W. L. Clouse. 2,192,734; Mar. 5.
Control mechanism for gas and liquid storage apparatus. J. H. Wiggins. 2,215,308; Sept. 17.
Control mechanism for governors. J. S. Jennings, Jr. 2,187,652; Jan. 16.
Control mechanism for governors. J. S. Jennings, Jr. 2,206,503; July 2.
Control mechanism for internal combustion engines. H. L. Duncan. 2,191,459; Feb. 27.
Control mechanism for internal combustion engines. S. K. Hoffman and L. S. Wiener. 2,205,651; June 25.
Control mechanism for liquid dispensing apparatus. J. A. Logan. 2,191,927; Feb. 27.
Control mechanism for liquid dispensing apparatus. C. T. Neal. 2,206,727; July 2.
Control mechanism for machines. F. E. Munschauer. 2,217,596; Oct. 8.
Control mechanism for motor vehicles. J. R. Vergara, Jr. 2,197,671; Apr. 16.
Control mechanism for quotation projecting and similar apparatus. A. D. Eitzen. 2,226,555; Dec. 31.
Control mechanism for refrigerating apparatus. C. B. Spangenberg. 2,191,966; Feb. 27.
Control mechanism for sewing machines, Interlock and rebound. M. McCann. 2,195,890; Apr. 2.
Control mechanism for steam heating systems. I. C. Jennings. 2,223,689; Dec. 3.
Control mechanism for temperature, humidity, and the like. C. A. Otto. 2,216,651; Oct. 1.
Control mechanism for twin batch paving machines. O. Sheck. 2,224,801; Dec. 10.
Control mechanism for variable speed gearing. F. F. Small and C. E. Nagel. Re. 21,410; Mar. 26.
Control mechanism for washing machines. L. Pierce. 2,206,330; July 2.
Control mechanism, Manually operable. D. B. Dickerson. 2,206,456; July 2.
Control method and apparatus. T. R. Harrison. 2,219,774; Oct. 29.
Control method and apparatus. T. R. Harrison. 2,223,666; Dec. 3.
Control method and device for radio sets and the like. E. A. Fitzgerald. 2,225,043; Dec. 17.
Control milling machines, Operating. L. F. Nenninger and E. G. Roehm. 2,209,469; July 30.
Control of audio frequency transmission. H. Bartels and G. Ulbricht. 2,201,022; May 14.
Control of clutch and throttle actuation of an automotive vehicle, Automatic. R. S. Whittington. 2,215,679; Sept. 24.
Control of distribution systems, Electric. J. D. Wood. 2,208,781; July 23.
Control of electric generating apparatus. H. H. Spencer. 2,186,217; Jan. 9.
Control of setting period of gypsum plasters. P. L. Menaul. 2,216,207; Oct. 1.
Control of the brakes of a motor vehicle, Automatic. R. S. Whittington. Re. 21,640; Nov. 26.
Control of transmission in two-way signaling systems. C. C. Taylor. 2,209,667; July 30.
Control of transmission and two-way signaling systems. S. B. Wright. 2,206,146; July 2.
Control of volume in radio receivers. J. L. Getaz. 2,207,094; July 9.
Control, Pneumatic follow-up. R. Alkan. 2,226,191; Dec. 24.
Control scheme for frequency changers. K. Freudenhammer. 2,214,610; Sept. 10.
Control seat. G. C. Abbe. 2,187,509; Jan. 16.
Control shaft. M. J. Arvin. 2,197,140; Apr. 16.
Control surface for airplanes. T. N. Joyce. 2,218,822; Oct. 22.
Control surface lock. J. A. Sterhardt. 2,203,396; June 4.
Control surface operating unit. R. A. Wolf and H. L. Bowers. 2,211,307; Aug. 13.
Control switch. B. E. Shaw. 2,211,246; Aug. 13.
Control system. J. R. Alexander. 2,218,390; Oct. 15.
Control system. R. D. Amsden. 2,227,118; Dec. 31.
Control system. J. C. Aydelott. 2,215,993; Sept. 24.
Control system. E. G. Bailey and P. S. Dickey. 2,211,725; Aug. 13.
Control system. E. G. Bailey and P. S. Dickey. 2,217,635; Oct. 8.
Control system. H. Bany. 2,219,172; Oct. 22.
Control system. W. Boeker. 2,188,804; Jan. 30.
Control system. W. Boeker. 2,223,163; Nov. 26.
Control system. R. R. Brunner. 2,226,692; Dec. 31.
Control system. W. T. Croden. Re. 21,407; Mar. 26.
Control system. A. C. Davis. 2,201,123; May 14.
Control system. G. F. Drake. 2,196,197; Apr. 9.
Control system. G. F. Drake. 2,211,769; Aug. 20.
Control system. W. E. Dueringer. 2,193,192; Mar. 12.
Control system. M. A. Edwards. 2,210,805; Aug. 6.
Control system. M. A. Edwards. 2,217,399; Oct. 8.
Control system. J. M. Evans and E. J. Phillips. 2,209,225; July 23.
Control system. E. W. Fields. 2,195,954; Apr. 2.
Control system. E. W. Fitch. 2,202,485; May 28.
Control system. F. C. Gibbs. 2,196,494; Apr. 9.
Control system. W. E. Gildersleeve and E. D. Beachler. 2,210,756; Aug. 6.
Control system. L. E. Goit. 2,220,327; Nov. 5.
Control system. L. E. Goit and E. C. Brisbane. 2,219,359; Oct. 29.
Control system. H. H. Gorrie. 2,202,286; May 28.
Control system. H. J. Graham. 2,189,603; Feb. 6.
Control system. C. P. Hamilton. 2,198,477; Apr. 23.
Control system. F. E. Harrell and R. A. Geuder. 2,202,421; May 28.
Control system. T. R. Harrison. 2,222,947; Nov. 26.
Control system. T. R. Harrison. 2,224,119; Dec. 3.
Control system. L. J. Hibbard and T. L. Weybrew. 2,200,083; May 7.
Control system. R. D. Junkins. 2,217,637; Oct. 8.
Control system. R. D. Junkins. 2,217,640–1; Oct. 8.
Control system. G. E. King. 2,221,584; Nov. 12.
Control system. F. Konn. 2,192,749; Mar. 5.
Control system. F. Konn. 2,197,643; Apr. 16.
Control system. J. P. Kriechbaum. 2,222,800; Nov. 26.
Control system. A. E. Krogh. 2,201,946; May 21.
Control system. H. B. La Roque. 2,220,415; Nov. 5.
Control system. B. E. Lenehan. 2,199,640; May 7.
Control system. J. W. McNairy. 2,185,861; Jan. 2.
Control system. J. W. McNairy. 2,202,708; May 28.
Control system. J. T. Midyette, Jr. 2,210,122; Aug. 6.
Control system. C. W. Nessell. 2,194,986; Mar. 26.
Control system. H. S. Ogden. 2,206,706; July 2.
Control system. H. S. Ogden. 2,215,296; Sept. 17.
Control system. A. J. A. Peterson, L. W. Dyer, and C. P. West. 2,221,604; Nov. 12.
Control system. H. W. Rogers. 2,186,839; Jan. 9.
Control system. W. M. Schweickart. 2,205,603; June 25.
Control system. D. R. Shoults. 2,186,843; Jan. 9.
Control system. H. M. Stoller. 2,202,172; May 28.
Control system. W. W. Stuart. 2,209,942; July 30.
Control system. L. W. Thompson and F. Mohler. 2,223,974; Dec. 3.
Control system. A. J. Wade. 2,223,195; Nov. 26.
Control system. H. E. Weaver. 2,193,184; Mar. 12.
Control system. A. U. Welch, Jr. 2,214,868; Sept. 17.
Control system. C. J. Werner. 2,194,372; Mar. 19.
Control system. M. A. Whiting. 2,220,748; Nov. 5.
Control system actuated by fluid pressure. F. J. Tarris and D. Webb. 2,224,706; Dec. 10.
Control system and apparatus for heating. H. R. Crago. Re. 21,569; Sept. 17.
Control system and apparatus, Traffic actuated. H. A. Wilcox. Re. 21,377; Feb. 27.
Control system, Antihunting positional. G. F. Hill. 2,191,792; Feb. 27.
Control system, Automatic. J. S. Locke. 2,208,562; July 23.
Control system, Automatic compensated. A. E. Baak. 2,208,559; July 23.
Control system, Automatic relay. R. L. A. Valtat. 2,189,846; Feb. 13.
Control system, Automatic volume. N. F. Shofstall. 2,199,350; Apr. 30.
Control system, Electron discharge device. I. K. Dortort. 2,189,782; Feb. 13.
Control system for a plurality of motors. A. L. Riche. 2,204,949; June 18.
Control system for and controlling synchronous machines. J. W. Butler. 2,207,578; July 9.
Control system for electric cooking ovens. L. S. Weimer. 2,218,778; Oct. 22.
Control system for electric valve apparatus. F. Hauffe. 2,209,818; July 30.
Control system for electrical heating units. J. W. Myers and S. J. Roesch. 2,207,634; July 9.
Control system for electrical range units and the like. J. W. Myers and S. J. Roesch. 2,210,947; Aug. 13.
Control system for furnaces, Automatic. O. D. Rice. 2,211,988; Aug. 20.
Control system for hardening and similar operations. J. H. Bucknam and L. W. Young. 2,215,576; Sept. 24.
Control system for heating apparatus. B. M. Guthrie. 2,222,662; Nov. 26.

Control system for hydraulic power transmission units. E. Cannon. 2,211,406; Aug. 13.
Control system for hydraulic presses. R. W. Dinzl. 2,210,284; Aug. 6.
Control system for mine locomotives, Intake and exhaust. W. F. Eckert. 2,197,854; Apr. 23.
Control system for phonographs. R. C. Curtis. 2,219,030; Oct. 22.
Control system for photocomposing machines. A. T. Koppe. 2,203,094; June 4.
Control system for pipe threading machine and the like, Automatic. H. E. Englebaugh, M. S. Gettig, and C. R. Coburn. 2,210,531; Aug. 6.
Control system for polyphase motors. C. P. Potter. 2,191,158; Feb. 20.
Control system for pulverizer mills. T. A. Peebles. 2,212,125; Aug. 20.
Control system for railroads, Automatic train. P. W. Smith. 2,190,505; Feb. 13.
Control system for refrigerating apparatus. A. A. Markson. 2,208,947; July 23.
Control system for refrigerating apparatus. W. R. Miller. 2,191,967; Feb. 27.
Control system for reversible mills. A. F. Kenyon. 2,214,617; Sept. 10.
Control system for reversible rolling mill. A. F. Kenyon. 2,223,728; Dec. 3.
Control system for the power units of aircraft. F. B. Halford and E. S. Moult. 2,217,364; Oct. 8.
Control system for vehicles, Air. W. J. Clements. 2,203,814; June 11.
Control system, Liquid pressure remote. E. C. S. Clench. 2,190,257; Feb. 13.
Control system, Pneumatic. C. A. Otto. 2,205,930; June 25.
Control system, Record, animated-object, and reproduction. O. Bailer. 2,213,512; Sept. 3.
Control system, Self-igniting fuel-flow. R. D. Smith. 2,210,188; Aug. 6.
Control system, Self-synchronous. J. U. F. Andersen. 2,203,854; June 11.
Control system, Supervisory. H. P. Boswau. 2,208,535; July 16.
Control system, Supervisory. L. D. White and C. E. Stewart. 2,205,895; June 25.
Control, Thermally governed. M. W. Gathercole. 2,204,890; June 18.
Control unit. H. L. Bowers. 2,206,475; July 2.
Control unit for tire inflation systems. C. Wiegand. 2,213,539; Sept. 3.
Control units, Nested remote and local. A. N. Goldsmith. 2,199,371; Apr. 30.
Control valve. N. S. Chapman. 2,218,419; Oct. 15.
Control valve. C. A. Christensen. 2,215,172; Sept. 17.
Control valve. G. W. De Bell. 2,220,479; Nov. 5.
Control valve. J. L. Kofahl. 2,196,664; Apr. 9.
Control valve. H. B. Redding. 2,189,324; Feb. 6.
Control valve, Electric. F. Shenton. 2,197,320; Apr. 16.
Control valve, Interchangeable. R. W. Johnson and H. M. Reeves. 2,207,123; July 9.
Control valve, Multivane intake. C. M. Chastain and S. Johnson. 2,215,030; Sept. 17.
Control valve, Water temperature. C. B. McClure. 2,197,586; Apr. 16.
Controllable energy dissipator. T. M. Gluyas. 2,213,104; Aug. 27.
Controller. G. M. Hausler. 2,210,760; Aug. 6.
Controller. J. T. Nichols. 2,187,613; Jan. 16.
Controller. W. W. Wood. 2,187,258; Jan. 16.
Controller. B. Woodward. 2,198,469; Apr. 23.
Controller condition. C. G. Kronmiller. 2,214,558; Sept. 10.
Controller, Fluid operated. A. E. Krogh. 2,223,356; Dec. 3.
Controller for battery charging apparatus. C. Fumagalli. 2,204,101; June 11.
Controller for gas flow. R. J. S. Pigott. 2,187,662; Jan. 16.
Controller for hydrodynamic machines. W. Ferris. 2,214,552; Sept. 10.
Controller, Pneumatic. J. E. Haines. 2,226,815; Dec. 31.
Controlling and recording device, Combined. W. H. Vogt. 2,224,620; Dec. 10.
Controlling and sensory system. S. E. Adair. 2,188,383; Jan. 30.
Controlling and sensory system and method. S. E. Adair. 2,188,382; Jan. 30.
Controlling device. J. M. Bartholomew. 2,2221,856; Nov. 19.
Controlling device. J. I. Hulshizer. 2,195,488; Apr. 2.
Controlling device. F. M. Slater. 2,224,553; Dec. 10.
Controlling device. W. A. Smith, Sr. 2,227,282; Dec. 31.
Controlling device. W. E. Whitney. 2,199,974; May 7.
Controlling device for condensers. F. B. Doyle. 2,209,391; July 30.
Controlling device for printing machines. A. J. Horton. 2,206,841; July 2.
Controlling device in machines for die casting under pressure, Hydraulic. J. Vontobel and K. Lebküchner. 2,216,059; Sept. 24.
Controlling device, Pressure fluid operated. H. Ziebolz. 2,227,170; Dec. 31.
Controlling means for automatic water systems. L. W. Compton. 2,188,240; Jan. 23.
Controlling means for gas burners. E. W. Roberts and T. L. Ferrall. 2,218,771; Oct. 22.
Controlling means for prime movers. A. D. Ferguson. 2,221,791; Nov. 19.
Controlling mechanism, Automatic. O. Klotz. 2,214,792; Sept. 17.
Controlling mechanism for sprinkler systems. J. F. O'Brien. 2,208,682; July 23.
Convector or radiator cabinet. B. Spieth. 2,225,722; Dec. 24.
Conversion products from carbonaceous materials, Production of. O. Liebknecht. 2,206,007; June 25.
Conversion products of pyrene. H. Hopff and H. Schoenherr. 2,198,050; Apr. 23.
Conversion products of rubber. A. Greth and J. Reese 2,200,715; May 14.
Conversion products of the constituents of carob beans. W. Ziese, F Ebel, and A. Schneevoigt. 2,190,179; Feb. 13.
Converter. I. W. Cox. 2,225,687; Dec. 24.
Converter. W. Kalbskopf. 2,196,677; Apr. 9.
Converter and heat exchange circuits therefor. E. J. Houdry. 2,195,414; Apr. 2.
Converter automatic gain control. D. E. Foster. 2,221,087; Nov. 12.
Converter system. P. J. Walsh. 2,199,121; Apr. 30.
Convertible light. C. Sklarek. 2,202,969; June 4.
Convertible love seat. A. Wesley. 2,211,450; Aug. 13.
Convertible seat. E. W. Knight and S. E. Pratt. 2,215,758; Sept. 24.
Convertible seat. H. W. Mende. 2,223,261; Nov. 26.
Convertible seat. J. R. Thomas. 2,197,735; Apr. 16.
Convertible vehicle. L. R. Johnson. 2,209,058; July 23.
Convertible vehicle. L. R. Johnson. 2,212,741; Aug. 27.
Converting means. J. B. McGay. 2,211,755; Aug. 20
Conveyance, Dumping. I. S. Mick. 2,199,507; May 7.
Conveyer. C. E. Andershock. 2,197,169; Apr. 16.
Conveyer. O. E. Bogart and R. A. Miller. 2,206,156; July 2.
Conveyer. J. Caesar. 2,216,685; Oct. 1.
Conveyer. F. Cartlidge. 2,208,269; July 16.
Conveyer. K. M. Cottengim. 2,193,530; Mar. 12.
Conveyer. E. J. Doberstein. 2,210,655; Aug. 6.
Conveyer. D. A. McArthur, J. C. Holdgate, and C. Koelkebeck. 2,192,647; Mar. 5
Conveyer. W. J. Mundy. 2,198,594; Apr. 30.
Conveyer. R. E. Ponder. 2,223,639; Dec. 3.
Conveyer. A. Redler. 2,196,609; Apr. 9.
Conveyer. J. E. Regan. 2,194,912; Mar. 26.
Conveyer. J. E. Regan. 2,198,179; Apr. 23.
Conveyer. F. G. Riesen, Sr. 2,202,399; May 28.
Conveyer. A. C. Sherrill. 2,204,828; June 18.
Conveyer. W. W. Sloane. 2,206,828; July 2.
Conveyer. G. Todd. 2,195,661; Apr. 2.
Conveyer. H. W. Wylie. 2,202,882; June 4.
Conveyer, Articulated. F. Cartlidge. 2,216,546; Oct. 1.
Conveyer, Belt. E. N. Lightfoot. 2,215,647; Sept. 24.
Conveyer, Can body transfer. E. Laxo. 2,207,349; July 9.
Conveyer, Case. W. R. Maguire and E. J. Lockwood. 2,200,116; May 7.
Conveyer control device. M. Rosenthal. 2,203,508; June 4.
Conveyer device. J. W. Chalmers and D. B. Kidd. 2,193,918; Mar. 19.
Conveyer element. O. C. Currie. 2,211,648; Aug. 13.
Conveyer for baking ovens. J. V. Cook. 2,189,168; Feb. 6.
Conveyer for bottle-washing machines. J. R. Dostal. 2,210,529; Aug. 6.
Conveyer for heat-treating furnaces, Chain. H. H. Harris. 2,189,983; Feb. 13.
Conveyer for locomotive stokers, Crushing. W. T. Hanna. 2,195,815; Apr. 2.
Conveyer for tiles and the like. R. M. Isted. 2,198,036; Apr. 23.
Conveyer loading device. C. A. Mann and E. W. Stansel. 2,216,276; Oct. 1.
Conveyer, Locomotive fuel. H. E. Lippert. 2,189,074; Feb. 6.
Conveyer mechanism. R. H. Gordon. 2,209,915–6; July 30.
Conveyer mechanism. H. W. Shonnard. 2,204,236; June 11.
Conveyer of the endless belt type. G. M. Buchanan. 2,221,006; Aug. 20.
Conveyer of the endless belt type. G. M. Buchanan. 2,222,019; Nov. 19.
Conveyer, Overhead. G. G. Coombe. 2,221,043; Nov. 12.
Conveyer, Pneumatic. A. M. Perrin. 2,193,738; Mar. 12.
Conveyer, Portable. W. G. Brooks. 2,208,208; July 16.
Conveyer, Power-driven. J. M. O'Malley. 2,217,075; Oct. 8.
Conveyer, Power-driven. J. W. Sheperdson. 2,220,550; Nov. 5.
Conveyer, Printing press. P. L. Tollison. 2,197,573; Apr. 16.
Conveyer roller construction. S. Olson. 2,190,336; Feb. 13.
Conveyer, Shaker. W. W. Sloane. 2,200,136; May 7.
Conveyer structure for ovens. E. A. Albright. 2,186,566; Jan. 9.

Conveyer system. L. J. Bishop. 2,187,073; Jan. 16.
Conveyer system. N. H. Preble. 2,193,076; Mar. 12.
Conveyer system and automatic stopping and starting mechanism therefor. W. Brunnhoelzl. 2,212,508; Aug. 27.
Conveyer system, Overhead. F. C. Harris. 2,223,870; Dec. 3.
Conveyer transfer and seal means. A. S. Chandler. 2,203,079; June 4.
Conveyer, Tubular belt. H. S. Johns. 2,199,935; May 7.
Conveyers in harvesting machines, Suspension of inclined. K-H. Schulze. 2,197,135; Apr. 16.
Conveying and manipulating apparatus. J. R. Brodbeck and G. Dunsieth, Jr. 2,218,870; Oct. 22.
Conveying apparatus. F. C. Arey. 2,207,675; July 9.
Conveying equipment. W. E. Lambert. 2,187,657; Jan. 16.
Conveying mechanism. F. A. Browne. 2,185,973; Jan. 2.
Conveying system. C. Holm. 2,215,702; Sept. 24.
Cookstove. A. H. Stein. 2,225,572; Dec. 17.
Cooker. H. L. Stiles. 2,186,845; Jan. 9.
Cooker, Egg. C. C. Carr. 2,226,844; Dec. 31.
Cooker, Pressure. E. G. Grundstrom. 2,188,735; Jan. 30.
Cooker, Pressure. E. R. Hamilton. 2,225,448; Dec. 17.
Cooker, Pressure. C. Nelson. 2,198,125; Apr. 23.
Cooker, Pressure. P. Nelson. 2,195,132; Mar. 26.
Cooker, Pressure. P. W. Stephens. 2,191,975; Feb. 27.
Cooker, Pressure. A. H. Stroupe and P. F. Thielen. 2,226,593; Dec. 31.
Cooker, Pressure. E. H. Wittenberg. 2,218,188; Oct. 15.
Cooker, Rotary crystallizer. F. Lafeuille. 2,202,696; May 28.
Cooker, Steam. O. Gano. 2,185,372; Jan. 2.
Cooker, Vacuum. J. C. Smaltz. 2,217,624; Oct. 8.
Cooker, Wienerwurst. A. M. Lewis and P. B. Weiler. 2,218,263; Oct. 15.
Cookie feeding tower. F. C. Werner. 2,193,681; Mar. 12.
Cooking and heating unit, Combination. J. E. Leonard. 2,222,436; Nov. 19.
Cooking and water-heating apparatus for domestic purposes, Combined. C. L. Scott. 2,194,155; Mar. 19.
Cooking apparatus. W. F. Allenby. 2,213,728; Sept. 3.
Cooking apparatus. A. R. Choppin and E. L. Winborn. 2,213,623; Sept. 3.
Cooking apparatus. J. J. Morris. 2,191,284–6; Feb. 20.
Cooking apparatus. I. Nachumsohn. 2,187,888; Jan. 23.
Cooking apparatus, Deep fat. J. T. Ruch. 2,202,602; May 28.
Cooking apparatus, Self-cleaning electric. B. Ames. 2,224,945; Dec. 17.
Cooking appliance. H. J. Gerdau. 2,187,515; Jan. 16.
Cooking appliance, Electrical. C. B. Nelson. 2,197,056; Apr. 16.
Cooking, baking, and serving unit, Combined. K. E. Bemis. 2,210,521; Aug. 6.
Cooking device, Electric. F. E. Wolcott. 2,198,645; Apr. 30.
Cooking device, Electrical. A. Greenman. 2,205,884; June 25.
Cooking device, Time controlled. C. Lurtz. 2,192,600; Mar. 5.
Cooking machine. H. M. Husk. 2,215,929; Sept. 24.
Cooking machine. H. M. Husk. 2,222,314; Nov. 19.
Cooking set. G. M. Sacerdote. 2,202,320; May 28.
Cooky cutting mechanism. F. C. Werner. 2,206,312; July 2.
Cooky icing machine. G. Studebaker. 2,205,317; June 18.
Cool smoke pipe. E. A. Germain. 2,223,302; Nov. 26.
Cooler: *See*—

Air cooler.	
Baudelot water cooler.	Liquid cooler.
Beer cooler.	Milk cooler.
Beverage barrel cooler.	Oil cooler.
Beverage cooler.	Printing plate cooler.
Bottle cooler.	Room cooler.
Bottled beverage cooler.	Rotary cooler.
Cement cooler.	Solar actuated cooler.
Generator cooler.	Tube cooler.
Hydraulic cooler.	Window air cooler.

Cooler. R. E. Buvinger. 2,185,539; Jan. 2.
Cooler. G. J. Hopkins. 2,218,208; Oct. 15.
Cooler apparatus. G. B. Read. 2,215,192; Sept. 17.
Cooler arrangement. L. F. Whitney. 2,209,866; July 30.
Cooler device, Beer. J. Panagopoulos. Re. 21,352; Feb. 13.
Cooler for agglomerated material. N. Ahlmann. 2,189,120; Feb. 6.
Cooler for oil and other liquids. J. F. Belaieff and C. T. Delaney. 2,222,496; Nov. 19.
Cooling and dehumidifying apparatus. H. J. Kaufman. 2,205,413; June 25.
Cooling and dehumidifying device. H. J. Kaufman. 2,203,685; June 11.
Cooling and insulating composition. F. M. Clark. 2,214,877; Sept. 17.
Cooling apparatus. R. J. Eisinger. 2,190,171; Feb. 13.
Cooling apparatus. J. W. McNulty. 2,188,370; Jan. 30.
Cooling apparatus. C. B. Oliver. 2,203,439; June 4.
Cooling apparatus for cooling beverages and the like. C. F. Boester, Jr. 2,214,009; Sept. 10.
Cooling arrangement for air-cooled aircraft engines. P. E. Mercier. 2,206,418; July 2.
Cooling chamber construction for furnaces. F. T. Cope. 2,201,988; May 28.
Cooling device. K. E. Lyman. 2,209,604; July 30.
Cooling device. G. J. Peardon. 2,217,379; Oct. 8.
Cooling device. A. G. Thomas. 2,188,089; Jan. 23.
Cooling device. S. T. Trice. 2,191,050; Feb. 20.
Cooling device for fan bearings. S. M. F. Engdahl. 2,223,847; Dec. 3.
Cooling device for fats. J. Brix-Hansen. 2,199,038; Apr. 30.
Cooling in a heat treating process, Controlled. C. E. Peck. 2,217,452; Oct. 8.
Cooling installation. H. E. Schulse. 2,193,540; Mar. 12.
Cooling jacket structure for internal combustion engines. H. Davids. 2,217,007; Oct. 8.
Cooling means. F. S. Baster. 2,216,802; Oct. 8.
Cooling means for aircraft engine exhaust stacks. N. Price. 2,198,229; Apr. 23.
Cooling means for an electrical apparatus. P. F. Braden. 2,187,011; Jan. 16.
Cooling means for liquids. A. H. Hooper. 2,206,826; July 2.
Cooling means for rotating mandrel bars. G. H. Jones. 2,212,688; Aug. 27.
Cooling method and apparatus. H. W. Kleist. 2,217,702; Oct. 15.
Cooling, Method of and apparatus for. H. R. Crago. 2,204,403; June 11.
Cooling receptacle. J. I. Kushima. 2,187,558; Jan. 16.
Cooling ribs-scoop controlled coupling. N. L. Alison. 2,202,243; May 28.
Cooling system. W. L. Dudley. 2,211,886; Aug. 20.
Cooling system. F. P. Illsley. 2,201,314; May 21.
Cooling system. F. W. Jahn. 2,208,984; July 23.
Cooling system. W. L. McGrath. 2,221,167; Nov. 12.
Cooling system. W. C. O'Leary. 2,213,254; Sept. 3.
Cooling system. D. G. Taylor. 2,222,159; Nov. 19.
Cooling system. J. M. Thompson. 2,205,128; June 18.
Cooling system. G. L. Usselman and C. W. Hansell. 2,190,110; Feb. 13.
Cooling system, Absorbent. H. R. Legatski. 2,204,042; June 11.
Cooling system, Central. P. E. Perman. 2,197,315; Apr. 16.
Cooling system for building structures, Solar-absorption. C. Haywood. 2,221,971; Nov. 19.
Cooling system for piston engines. L. Birkigt. 2,190,394; Feb. 13.
Cooling system for refrigerators. J. E. Cochran. 2,185,330; Jan. 2.
Cooling system pressure control device. L. W. Shutts. 2,226,022; Dec. 24.
Cooling system, Regenerative. R. B. P. Crawford. 2,214,880; Sept. 17.
Cooling system, Regenerative. R. B. P. Crawford. 2,220,219; Nov. 5.
Cooling system with automatic circulation of the cooling mixture. I. Kleimenoff. 2,220,413; Nov. 5.
Cooling tower. L. T. Mart. 2,191,938; Feb. 27.
Cooling tunnel. W. J. Hawkins and E. T. Oakes. 2,212,916; Aug. 27.
Cooling unit. T. W. Carraway. 2,213,622; Sept. 3.
Coop, Compartment. H. R. Schuppner. 2,197,160; Apr 16.
Coordinates, Determining. H. Bohrn and L. Avanzini. 2,198,757; Apr. 30.
Cop winding machine. W. Reiners, G. Kahlisch, and S. Fürst. 2,219,020; Oct. 22.
Cop winding machine. R. Shipman. 2,206,582; July 2.
Cop winding mechanism. W. Reiners and G. Kahlisch. 2,209,208; July 23.
Cops, Winding of. W. Reiners and G. Kahlisch. 2,209,207; July 23.
Copolymers of polyallyl esters and polymerizable unsaturated compounds. B. S. Garvey and C. H. Alexander. 2,202,846; June 4.
Copolymers of styrene and making the same. E. C. Britton, H. B. Marshall, and W. J. Le Fevre. 2,186,359; Jan. 9.
Copolymers of styrene and 2-chloroallyl esters. E. C. Britton, G. H. Coleman, and J. W. Zemba. 2,205,390; June 25.
Copolymers of styrene with frosting drying oil varnishes. R. B. Flint and H. S. Rothrock. 2,225,534; Dec. 17.
Copolymers of styrene with oiticica oil or its derivatives. S. L. Bass, S. M. Stoesser, and R. D. Lowry. 2,190,915; Feb. 20.
Copper alloy. F. R. Hensel and E. I. Larsen. 2,196,305; Apr. 9.
Copper alloy. J. M. Kelly. 2,210,670; Aug. 6.
Copper alloy. H. F. Silliman. 2,195,434–5; Apr. 2.
Copper alloy. L. L. Stott. 2,212,254; Aug. 20.
Copper alloy, Precipitation hardened. R. H. Harrington. 2,225,339; Dec. 17.
Copper alloys, Hardening. P. Tookousian. 2,216,379; Oct. 1.
Copper and copper alloy clad steel, Welding. C. E. Swift. 2,206,375; July 2.
Copper and copper base alloys. M. G. Corson. 2,201,555; May 21.
Copper base alloy. J. M. Kelly. 2,210,671–3; Aug. 6.
Copper base alloy. E. S. Strang and R. O. Farmer. 2,185,957; Jan. 2.

Copper base alloy. E. S. Strang and E. H. Koenig. 2,185,958; Jan. 2.
Copper carbonates, Electrolytic manufacture of. E. F. Weaver. 2,207,308; July 9.
Copper complex compound of polyazo dyestuffs. C. T. Schultis and H. Schindhelm. 2,212,816; Aug. 27.
Copper containing azo dyestuffs. D. Delfs. 2,193,228; Mar. 12.
Copper, Electrodeposition of. L. Greenspan. 2,195,454; Apr. 2.
Copper from alkaline solutions. Extracting. M. O. Schuermann and F. Gerstner. 2,192,154; Feb. 27.
Copper from brass, Recovery of. A. C. Jephson. 2,213,864; Sept. 3.
Copper from chloroprene, Removing dissolved. N. C. Somers and L. S. Danser. 2,207,901; July 16.
Copper linings, Obtaining. P. Misciattelli. 2,190,121; Feb. 13.
Copper oxide rectifier. C. C. Hein. 2,205,263; June 18.
Copper oxide rectifier. I. R. Smith. 2,221,616; Nov. 12.
Copper oxidizing furnace. F. T. Hague. 2,201,580; May 21.
Copper plate, Stripping. W. W. Hunlock. 2,215,507; Sept. 24.
Copper, Precipitation of. G. Hamprecht and G. Pauckner. 2,189,263; Feb. 6.
Copper, Preparing a colloid oxychloride. P. F. J. Souviron, P. E. Bigourdan, and P. Bebin. 2,201,928; May 21.
Copper, Purification of. F. J. Dobrovolny. 2,222,592; Nov. 26.
Copper-silicon-iron alloy. A. U. Seybolt. 2,214,149; Sept. 10.
Copper silver alloy. F. R. Hensel, K. L. Emmert, and J. W. Wiggs. 2,196,304; Apr. 9.
Copper smelting. R. A. Wagstaff. 2,221,620; Nov. 12.
Copper sulphate from rayon manufacture, Recovery of basic. S. Gulbrandsen. 2,206,889; July 9.
Copper-titanium alloy. G. F. Comstock. 2,189,198; Feb. 6.
Copper, Treating. L. Orlando. 2,190,570; Feb. 13.
Copper tube cleaner, Automatic. E. D. Horne. 2,225,272; Dec. 17.
Copper-zinc alloy, Corrosion resistant. J. R. Freeman, Jr., and A. R. Tracy. 2,188,681; Jan. 30.
Copy for multicolor printing, Preparing camera. L. S. Sanders. 2,224,270; Dec. 10.
Copyholder. M. Doerr. 2,219,255; Oct. 22.
Copyholder. C. W. Edwards. 2,210,166; Aug. 6.
Copyholder. P. P. Glassey. 2,214,692; Sept. 10.
Copyholder. K. V. Goodloe. 2,221,237; Nov. 21.
Copyholder. G. S. Hartsel. 2,194,019; Mar. 19.
Copyholder. R. S. Hopkins. 2,193,028; Mar. 12.
Copyholder. E. H. Metcalf. 2,217,127; Oct. 8.
Copyholder. B. E. Van Alstyne. 2,222,864; Nov. 26.
Copy support for use with typewriters. S. Sattler. 2,211,437; Aug. 13.
Copying machine. R. W. Pittman. 2,185,682; Jan. 2.
Copying machine. M. H. Taylor. 2,206,587; July 2.
Copying, tracing, and reproducing apparatus. J. R. Fitzgerald. 2,186,330; Jan. 9.
Cord-anchoring device. S. M. Del Camp. 2,205,348; June 18.
Cord and making same. J. E. Farrell. 2,205,285; June 18.
Cord and making such a cord, Braid covered electric. W. T. Barrans. 2,217,832; Oct. 15.
Cord assembly, Assist. A. Claud-Mantle. 2,215,870; Sept. 24.
Cord assembly, Assist. A. W. Prance. 2,203,340; June 4.
Cord attachment. L. C. Fogarty. 2,198,664; Apr. 30.
Cord, Christmas. L. C. Osborne. 2,222,571; Nov. 19.
Cord cutter. R. Goetz. 2,215,813; Sept. 24.
Cord fastening. E. R. Creamer. Re. 21,512; July 23.
Cord fixture, Electrical drop. L. H. Peck. 2,215,713; Sept. 24.
Cord for attaching plants and the like to supports. E. W. Twitchell. 2,193,703; Mar. 12.
Cord, Harness. W. B. Harris. 2,225,865; Dec. 24.
Cord hook. D. G. Smellie. 2,193,989; Mar. 19.
Cord lock, Safety. L. A. Yates. 2,217,585; Oct. 8.
Cord locking mechanism for Venetian blinds. F. J. Burns. 2,223,403; Dec. 3.
Cord, Manufacturing windlace. J. S. Reid. 2,204,622; June 18.
Cord, Method and apparatus for making electric conductor. H. H. Wermine. 2,204,782; June 18.
Cord plug. C. W. Tucker. 2,195,714; Apr. 2.
Cord preparing mechanism. J. G. Kershaw. 2,212,691; Aug. 27.
Cord reel and outlet plug, Combination electrical. C. R. Lyons. 2,204,939; June 18.
Cord set, Wire reinforced. J. D. Lowe. 2,206,703; July 2.
Cord stretching and winding machine. L. M. Cotchett. 2,185,245; Jan. 2.
Cord stretching and winding machine. W. A. Newton, Jr. and D. T. Austin, Jr. 2,226,135; Dec. 24.
Cord take-up. J. T. Hellmann. 2,206,352; July 2.
Cordage display rack. F. Russell and A. B. Wimpey. 2,193,208; Mar. 12.
Cordage structure and making same. H. W. Jones, Jr. 2,195,592; Apr. 2.
Core barrel. F. F. Hill. 2,217,203; Oct. 8.
Core catcher. C. F. Baker. 2,221,392; Nov. 12.
Core covering apparatus. H. S. Keating. 2,200,955; May 14.
Core drill. L. S. Copelin. 2,189,057; Feb. 6.
Core for forming concrete conduits. W. J. Lally. 2,206,410; July 2.
Core for yarn packages. C. K. Dunlap. 2,219,836; Oct. 29.
Core lifter. F. Miller. 2,205,598; June 25.
Core machine, Horizontal. H. G. Floyd. 2,205,035; June 18.
Core members on arbors, Assembling. R. M. Johnstone. 2,205,563; June 25.
Core molding apparatus. J. F. Maine. 2,196,835; Apr. 9.
Core of comminuted magnetic material. A. D. Whipple. 2,218,669; Oct. 22.
Core plug. E. W. Bebie. 2,196,378; Apr. 9.
Core, Sheathed. S. E. Borgeson. 2,187,391; Jan. 16.
Core structure for clay extruding dies. E. H. Pettler. 2,188,984; Feb. 6.
Core taking apparatus. J. E. Hoffoss. 2,198,083; Apr. 23.
Core-taking apparatus and method of exposing cores. C. S. Piggot. 2,227,198; Dec. 31.
Core taking device. M. Schlumberger. 2,200,683; May 14.
Core winding arrangement. J. C. Granfield. 2,219,182; Oct. 22.
Core with constant permeability, Magnetic. S. G. Hale and C. D. Owens. 2,191,151; Feb. 20.
Cores and coils, Testing magnetic. E. Peterson. 2,214,625; Sept. 10.
Cores in cables, Method and apparatus for inserting. G. H. Ennis. 2,216,189; Oct. 1.
Cores, Orienting. J. M. Pearson. 2,211,158; Aug. 13.
Coring and drilling device. J. T. Phipps. 2,189,923; Feb. 13.
Cork composition. H. B. Denman. 2,186,284; Jan. 9.
Cork cutting machine. J. M. Binder. 2,196,288; Apr. 9.
Cork, Popping. R. D. Cochran. 2,186,281; Jan. 9.
Cork, Producing reinforced sheet. H. H. Straus. 2,226,953; Dec. 31.
Corn cracker and grader. J. A. Grow. 2,192,076; Feb. 27.
Corncrib. J. Cowin. 2,209,073; July 23.
Corn cutter. A. E. Skolrud. 2,220,380; Nov. 5.
Corn cutter. C. H. Tewell. 2,188,020; Jan. 23
Corn cutter. H. J. Wheeler. 2,188,934; Feb. 6.
Corn cutting apparatus, Green. J. Schmidt. 2,214,285; Sept. 10.
Corn cutting head. R. Cover. 2,216,065; Sept. 24.
Corn harvesting apparatus. W. E. Urschel. 2,214,113; Sept. 10.
Corn husker and shredder. H. L. and A. Rosenthal. 2,185,739; Jan. 2.
Corn husking and shelling machine. T. V. Sharp. 2,210,821; Aug. 6.
Corn husking machine. W. W. P. Stelter. 2,202,540; May 28.
Corn in the production of starch, Steeping. R. O. McCoy. 2,186,303; Jan. 9.
Corn keeper, Ironclad. A. E. Waterman. 2,211,395; Aug. 13.
Corn, Making parched. A. F. Holloway and R. L. Goodin. 2,219,777; Oct. 29.
Corn picker. W. J. Coultas and N. D. Colvin. 2,210,973; Aug. 13.
Corn picker. B. M. Hyman. 2,209,056; July 23.
Corn picker. A. W. Oehler, and R. L. Anderson. 21,542; Aug. 27.
Corn picking unit, One-man. C. T. Gildersleeve. 2,221,762; Nov. 19.
Corn picking machine. C. S. Wooding, Jr. 2,205,707; June 25.
Corn shocking attachment for tractors and the like. L. Logan. 2,215,554; Sept. 24.
Corner construction. J. C. Cormie. 2,221,632; Nov. 12.
Corner construction for metal furniture. J. H. Page. 2,208,227; July 16.
Corner fastening for beds. J. B. Eisenberg. 2,206,602; July 2.
Corner finishing member. E. Swedman. 2,214,187; Sept. 10.
Corner grinding machine. P. J. Kirkman. 2,218,646–7; Oct. 22.
Corner piece for frames. E. Galante. 2,203,987; June 11.
Corner pieces, Manufacturing ornamental. E. H. Thoresen. 2,204,263; June 11.
Corner trim construction. J. Oster. 2,185,900; Jan. 2.
Cornice, Decorative. F. Sladkus. 2,222,186; Nov. 19.
Corox unit, Preflattened. A. Barnsteiner. 2,208,405; July 16.
Corpse lifting apparatus. A. B. Kubach. 2,203,732; June 11.
Correlator for blood specimens. T. A. Flood. 2,215,118; Sept. 17.
Corrosion and composition of matter of reduced corrosiveness towards ferrous metals, Reducing. H. A. Beekhuis, Jr., and W. D. Macomber. 2,198,151; Apr. 23.
Corrosion by ammoniacal solutions of inorganic salts and new composition of reduced corrosiveness, Reducing. H. A. Beekhuis, Jr. and C. K. Lawrence. 2,220,059; Nov. 5.

Corrosion in pipe lines, Preventing. E. L. Hoffman. 2,195,989; Apr. 2.
Corrosion inhibitor. J. B. Holtzclaw, A. Harmsen, and H. H. Cooke. 2,225,866; Dec. 24.
Corrosion inhibitor. L. H. Howland and W. P. ter Horst. 2,196,261; Apr. 9.
Corrosion inhibitor. W. J. Ryan and M. T. Kendall. 2,226,106; Dec. 24.
Corrosion inhibitor. W. J. Sweeney and E. L. Baldeschwieler. 2,205,754; June 25.
Corrosion preventative. H. S. Polin. 2,221,997; Nov. 19.
Corrosion, Prevention of. P. G. Bird and R. M. Waters. 2,194,491; Mar. 26.
Corrosion resistant alloy. H. L. Coles. 2,212,266; Aug. 20.
Corrosion resistant valve. J. S. Johnson. 2,202,735; May 28.
Corrosion-resisting composition. D. Isenberg. 2,216,514; Oct. 1.
Corrosion-resisting ferrous alloy. J. A. Parsons, Jr. 2,200,208; May 7.
Corrosive liquids, Process and apparatus for vaporizing. H. Kieweg. 2,202,800; May 28.
Corrugated metal fastener. J. S. Maze. 2,226,006; Dec. 24.
Corrugating and crowning machinery. J. R. Thomas. 2,199,295; Apr. 30.
Corset. M. L. Jacks. 2,216,270; Oct. 1.
Corset or like garment. I. R. Versoy. 2,219,153; Oct. 22.
Corset or the like. J. X. Gagnon. 2,218,747; Oct. 22.
Corsets, Sliding back for. F. A. Cohen. 2,193,551; Mar. 12.
Cosmetic. B. R. Harris. 2,192,907; Mar. 12.
Cosmetic applicator. C. E. Zimmerman. 2,204,202; June 11.
Cosmetic case. I. M. Sampson. 2,215,480; Sept. 24.
Cosmetic container. I. Gordon-Stables. 2,201,035; May 14.
Cosmetic container. S. Sapery. 2,215,161; Sept. 17.
Cosmetic device. T. W. Deakers and L. A. Schmucker. 2,193,509; Mar. 12.
Cosmetic holder. F. C. Reilly. 2,219,454; Oct. 29.
Cosmetic holder. H. C. Schlicker. 2,219,909; Oct. 29.
Cosmetics, Application of. C. E. Zimmerman. Re. 21,399; Mar. 12.
Cosmetics, Application of. C. E. Zimmerman. 2,204,203; June 11.
Cossette distributing machine. G. J. Daley. 2,195,448; Apr. 2.
Costumer, Folding. G. R. Schleicher. 2,225,235; Dec. 17.
Cot-bed, Convertible chaise. H. Vanderploeg. 2,200,647; May 14.
Cot, chair, and card table, Combination. A. J. Taylor. 2,200,193; May 7.
Cot fastener. D. H. Cox. 2,202,837; June 4.
Cotter pin removing tool. G. J. Cynoske. 2,220,317; Nov. 5.
Cotton bale identifying means, Permanent. R. H. Pratt. 2,104,149; June 11.
Cotton, Bleaching of. T. E. Bell. 2,202,478; May 28.
Cotton cleaner. E. A. Johnston. 2,221,545; Nov. 12.
Cotton cleaner. E. B. Murray and H. C. Hollinger. 2,196,791; Apr. 9.
Cotton cleaner and feeder. F. B. Hinckley, Jr. 2,213,314; Sept. 3.
Cotton cleaning machine. J. T. Lawrence. 2,196,773; Apr. 9.
Cotton drier. M. F. Aycock. 2,192,823; Mar. 5.
Cotton gin breast mounting. W. L. Steinhauer. 2,207,031; July 9.
Cotton goods, Treating. A. L. Dubeau. 2,226,162; Dec. 24.
Cotton materials, Treating. W. H. Furness. 2,201,262; May 21.
Cotton picker. C. R. Berry. 2,200,464; May 14.
Cotton picker. V. C. Box. 2,208,570; July 23.
Cotton picker. R. S. Curley and W. Shaw. 2,206,297; July 2.
Cotton picker. H. F. and S. D. Pool. 2,208,731; July 23.
Cotton picking machine. J. D. Rust. 2,200,303; May 14.
Cotton press lock. J. J. Wallace. 2,219,970; Oct. 29.
Cotton stalk cutter. J. L. Riggs. 2,193,009; Mar. 12.
Cotton treating apparatus. H. T. Ahrens. 2,224,625; Dec. 10.
Cottons, Method and apparatus for manufacturing feather. M. Koga. 2,213,316; Sept. 3.
Couch. J. W. Bowersox. 2,200,052; May 7.
Couch. J. C. Feldman. 2,214,078; Sept. 10.
Couch and bed construction, Combination. E. L. Weinman. 2,203,398; June 4.
Couch bed. G. A. Johnson. 2,195,534; Apr. 2.
Couch bed. J. Martin. 2,210,421; Aug. 6.
Couch construction. H. Vanderploeg. 2,222,052; Nov. 19.
Couch, Extension studio. H. Rosen. 2,189,328; Feb. 6.
Couch, Glider or swinging. J. M. Vallone. 2,217,779; Oct. 15.
Couch, Obstetrical. F. H. Carlsson. 2,198,804; Apr. 30.
Couch, Studio. J. F. Andrews. 2,190,819; Feb. 20.
Couch, Studio. C. A. Hughes. 2,209,922; July 30.
Couch, Studio. E. O. Kerr and J. J. Rogers. 2,192,230; Mar. 5.
Coumarin, Manufacture of. E. C. Britton and J. E. Livak. 2,204,008; June 11.
Coumarones, Polymerized acylated. A. W. Ralston, R. J Vander Wal, and E. W. Segebrecht. 2,197,711; Apr. 16.
Count control switch. H. R. Valley. 2,222,007; Nov. 19.
Counter. G. J. Grizey. 2,216,007; Sept. 24.
Counter, Air conditioned display. K. W. Hall. 2,223,762; Dec. 3.
Counter, Air conditioned display. K. W. Hall and D. W. McCready. 2,223,761; Dec. 3.
Counter, Car load. A. L. Kelley. 2,222,104; Nov. 19.
Counter chair. T. I. Anderson. 2,203,320; June 4.
Counter, Computing. E. A. Slye. 2,213,597; Sept. 3.
Counter construction. F. H. Wirtz. 2,188,586; Jan. 30.
Counter construction for stitch-down shoes. J. Ruszczyk. 2,200,655; May 14.
Counter, Display. K. W. Hall. 2,211,113; Aug. 13.
Counter, Dust. F. B. Rowley. 2,209,614; July 30.
Counter mechanism. R. S. Smith. 2,207,273; July 9.
Counter mechanism. W. L. Tancred. 2,215,841; Sept. 24.
Counter molding machine. C. W. Bailey. 2,185,937; Jan. 2.
Counter molding machine. C. W. Bailey. 2,226,889; Dec. 31.
Counter, Pick. H. N. Bliss. 2,193,159; Mar. 12.
Counter, Refrigerated shop. G. Olin. 2,208,936; July 23.
Counter, Stop. E. W. Larsen. 2,213,867; Sept. 3.
Counter unit for shoes and making same. J. E. Disch. Re. 21,654; Dec. 10.
Counterbalance. W. J. Allen. 2,199,035; Apr. 30.
Counterbalance. A. N. Porter. 2,198,348; Apr. 23.
Counterbalance device. J. R. Mahan and J. B. Picard. 2,221,428; Nov. 12.
Counterbalance for vertically sliding doors. H. C. Blodgett. 2,194,111; Mar. 19.
Counterbalancing actuator for doors and the like. O. T. Frasch. 2,214,229; Sept. 10.
Counterbalancing device. C. R. Athy and R. C. Pfeil. 2,218,967; Oct. 22.
Counterbore. O. C. Hedin. 2,207,542; July 9.
Counterboring tool. O. C. Hedin. 2,226,226; Dec. 24.
Countercurrent extraction. G. Bottaro. 2,218,080; Oct. 15.
Counter-sham partition clip. O. Sliger. 2,193,889; Mar. 19.
Countersink. C. M. Eveleth. 2,223,485; Dec. 3.
Countersink gauge. A. A. Schwartz. 2,212,306; Aug. 20.
Counterweight. A. Swanson. 2,213,598; Sept. 3.
Counting apparatus, Printing telegraph. T. A. McCann. 2,191,798; Feb. 27.
Counting chamber. C. P. Brown and F. H. Wilson. 2,200,053; May 7.
Counting control system. W. O. Hampton, A. E. Nessler, and R. C. Wenz. 2,186,922; Jan. 9.
Counting device. J. W. Bryce. 2,206,660; July 2.
Counting mechanism. K. C. Bugg. 2,189,392; Feb. 6.
Counting mechanism. K. C. Bugg. 2,191,877; Feb. 27.
Counting mechanism. P. F. Grout. 2,208,270; July 16.
Counting mechanism. W. A. Kennedy. 2,211,272; Aug. 13.
Counting mechanism. E. Wild. 2,212,870; Aug. 27.
Counting or registering device for use in knitting. R. V. Langbart. 2,210,173; Aug. 6.
Coupler. A. H. Ames. 2,188,587; Jan. 30.
Coupler. H. H. McGarry. 2,208,277; July 16.
Coupler. E. C. Wolferz. 2,216,481; Oct. 1.
Coupler, Adjustable two-pole capacitive. K. Fritz. 2,189,284; Feb. 6.
Coupler and control system, Tight-lock. H. E. Van Dorn. 2,206,929; July 9.
Coupler, Automatic tight-lock. H. E. Van Dorn. 2,214,036; Sept. 10.
Coupler, Car. A. Christianson. 2,214,718; Sept. 10.
Coupler, Car. W. C. Flannery. 2,205,830; June 25.
Coupler, Car. E. A. Larsson. 2,225,418; Dec. 17.
Coupler, Car. W. J. Metzger. 2,203,391; June 4.
Coupler device. E. P. Kinne. 2,224,822; Dec. 10.
Coupler for mine cars, Automatic. C. G. Humphreys. 2,194,455; Mar. 19.
Coupler, Hinged belt. J. P. Tennefos. 2,222,381; Nov. 19.
Coupler, Hitch. W. B. Morrow. 2,194,866; Mar. 26.
Coupler, Hose and pipe. F. E. Arm. 2,204,392; June 11.
Coupler, Interlocking electrical. H. R. C. Anthony. 2,197,780; Apr. 23.
Coupler lock operating means. H. H. Wolfe. 2,216,507; Oct. 1.
Coupler, Magnetic. R. H. Miller. 2,226,287; Dec. 24.
Coupler pocket. H. O. Nekola. 2,212,646; Aug. 27.
Coupler, Pressed pipe. G. C. Thomas, Jr. 2,222,693; Nov. 26.
Coupler, Rigid tight-lock. H. E. Van Dorn. 2,214,003; Sept. 10.
Coupler, Tight-lock car. H. E. Van Dorn. 2,209,365; July 30.
Coupler, Trailer. J. L. Gilmore. 2,197,267; Apr. 16.
Coupler, Trailer. J. M. and G. W. Ranger. 2,215,839; Sept. 24.

Coupling: *See*—
Adapter coupling.
Adjustable coupling.
Aligning coupling.
Angle shaft coupling.
Ball-type detachable coupling.
Clasp-suspension coupling.
Clutch coupling.

Coupling: *See*—
- Conduit coupling.
- Detachable pipe coupling.
- Drilling shaft coupling.
- Electric circuit coupling.
- Expansion coupling.
- Flexible coupling.
- Flexible insulated coupling.
- Flexible shaft coupling.
- Flexible transmission coupling.
- Fluid coupling.
- Geared transmission coupling.
- Hose and pipe coupling.
- Hose coupling.
- Hydraulic brake coupling.
- Hydraulic coupling.
- Impulse coupling.
- Interlock pipe coupling.
- Interlocking sleeve coupling.
- Line coupling.
- Locking coupling
- Mechanical and electrical coupling.
- Mechanical coupling.
- Oscillator with amplifier coupling.
- Pipe coupling.
- Pipe, tubing and conduit coupling.
- Power transmitting coupling.
- Quick coupling.
- Quick detachable coupling.
- Releasable coupling.
- Resilient flexible coupling.
- Trailer coupling.
- Return bend coupling.
- Rod coupling.
- Safety coupling.
- Shaft coupling.
- Splined coupling.
- Swivel coupling.
- T coupling.
- Torque coupling.
- Trailer coupling.
- Truck and trailer coupling.
- Tube coupling.
- Universal coupling.

Coupling. R. F. Bean. 2,192,844; Mar. 5.
Coupling. H. C. Edwards. 2,220,799; Nov. 5.
Coupling. S. Guarnaschelli. 2,198,996; Apr. 30.
Coupling. G. L. McKee. 2,193,199; Mar. 12.
Coupling. E. M. Pfauser. 2,190,081; Feb. 13.
Coupling. F. J. Raybould. 2,203,237; June 4.
Coupling. J. P. Reinhardt. 2,210,340; Aug. 6.
Coupling. L. Ricefield 2,200,640–1; May 14.
Coupling. E. L. Shaw. 2,198,922; Apr. 30.
Coupling and joint formed thereby. F. J. Raybould. 2,214,177; Sept. 10.
Coupling and making same. J. Fentress. 2,216,686; Oct. 1.
Coupling and making the same, Pump rod. H. R. Mark. 2,187,884; Jan. 23.
Coupling and method and apparatus for making same, Tube. W. J. Kleinknecht. 2,190,478; Feb. 13.
Coupling and turbotorque transmitter, Hydraulic. T. Jamieson-Craig. 2,227,336; Dec. 31.
Coupling apparatus for vehicles. E. Bugatti. 2,202,753; May 28.
Coupling circuit. S. Doba, Jr. 2,226,238; Dec. 24.
Coupling circuit. T. S. Skillman. 2,210,956; Aug. 13.
Coupling circuit arrangement for television arrangements. K. Schlesinger and F. Woerner. 2,227,038; Dec. 31.
Coupling circuit arrangement for ultra-short waves. K. Schlesinger. 2,227,035; Dec. 31.
Coupling compounds for color forming development. W. Schneider and H. Loleit. 2,186,736; Jan. 9.
Coupling compression ring. F. J. Raybould. 2,205,910; June 25.
Coupling connection, Making a. J. F. P. Farrar. 2,216,468; Oct. 1.
Coupling device. R. C. Durant. 2,201,858; May 21.
Coupling device. E. J. Fraser. 2,212,708; Aug. 27.
Coupling device. W. E. Hodgkin. 2,210,292; Aug. 6.
Coupling device. D. A. Ruhl. 2,200,654; May 14.
Coupling device for signal transmission and receiving systems. A. G. Cooley. 2,204,529; June 11.
Coupling device for tubular members. D. A. Giménez and M. Urbandt. 2,213,310; Sept. 3.
Coupling device of vacuum cleaners. K. Content. 2,198,905; Apr. 30.
Coupling device, Permeability tuned. M. J. Kirk, W. H. James, and W. A. Schaper. 2,221,217; Nov. 12.
Coupling device, Variable reactive. A. Landmann. 2,200,508; May 14.
Coupling eye, Trailer. G. N. Herring. 2,207,059; July 9.
Coupling, Flexible tube. S. Guarnaschelli. Re. 21,603; Oct. 22.
Coupling follower, Lightweight. C. J. Martin. 2,225,750; Dec. 24.
Coupling for flexible shafting. S. G. Green. 2,222,613; Nov. 26.
Coupling for grating panels. C. H. Lewis and R. J. Barry. 2,193,287; Mar. 12.
Coupling for trucks and trailers. R. A. Fontaine 2,219,415; Oct. 29.
Coupling for tubes and pipes. H. Kreidel. 2,189,566; Feb. 6.
Coupling for tubes and pipes. H. Kreidel. 2,201,404; May 21.
Coupling for tubing and making same, Resilient. G. W. Haury. 2,211,776; Aug. 20.
Coupling for vacuum cleaners, Converter. L. W. Pardee. 2,190,882; Feb. 20.
Coupling for vehicles, Hydraulic. W. Black. 2,226,802; Dec. 31.
Coupling for watch straps and belts, End. W. Sokolof. 2,219,756; Oct. 29.
Coupling means for ultra-short waves. A. Eickemeyer and A. Behrens. 2,194,696; Mar. 26.
Coupling mechanism. E. A. Larsson. 2,185,256; Jan. 2.
Coupling or clutch. G. H. Fraser. 2,197,797; Apr. 23.
Coupling or locking device. W. A. J. Govan. 2,196,013; Apr. 2.
Coupling or splicer. F. Pennell. 2,210,096; Aug. 6.
Coupling pin. H. C. Peterson. 2,224,522; Dec. 10.
Coupling pin, Safety-lock equipped. C. M. Blocher. 2,204,116; June 11.
Coupling system. W. Stepp. 2,216,964; Oct. 8.
Coupling system. H. A. Wheeler. 2,195,438; Apr. 2.
Coupling system, High frequency. K. Schlesinger. 2,225,085; Dec. 17.
Coupling, Threadless interlocking rotary drill pipe. A. E. Nielsen. Re. 21,606; Oct. 22.
Couplings, Making swivel. J. R. Skoverski. 2,195,124; Mar. 26.
Course and bearing indicator. A. D. Niemeyer. 2,210,773; Aug. 6.
Course and position indicator, Visible. F. H. Hagner. 2,205,357; June 18.
Course corrector, Nautical. T. Fladmark. 2,185,912; Jan. 2.
Course device for vehicles. F. Lauck. 2,200,030; May 7.
Course indicating device. G. Wünsch. 2,217,633; Oct. 8.
Course indicator for aircraft. E. Fischel and F. Lauck. 2,220,055; Oct. 29.
Courses and the like, Device for laying. J. F. O'Keefe. 2,207,410; July 9.
Court. H. B. Eaton, II. 2,205,398; June 25.
Cover: *See*—
- Adjustable cover.
- Annealing cover.
- Back or seat cover.
- Bakepan cover.
- Book cover.
- Book or binder cover.
- Cake cover.
- Can cover.
- Garment hanger cover.
- Check book cover.
- Coat hanger cover.
- Container cover.
- Dog cover.
- Golf ball cover.
- Elevator cover.
- Escalator cover.
- Expansible cover.
- Furniture slip cover.
- Hatch cover.
- Hatchway cover.
- License tag cover.
- Manhole cover.
- Match book cover.
- Match cover.
- Meter box cover.
- Milk can cover.
- Portable cover.
- Pot or pan cover.
- Protective cover.
- Radiator cover.
- Receptacle cover.
- Sandal cover.
- Seat cover.
- Sleeping cover.
- Soaking pit cover.
- Steering wheel cover.
- Switch cover.
- Tennis racket cover.
- Tire cover.
- Wheel cover.
- Windshield cover.

Cover and actuating means, Hatch. E. B. Williams. 2,186,129; Jan. 9.
Cover and container, Container. R. H. Klein and N. R. Lozier. 2,215,907; Sept. 24.
Cover and forming same, Toilet seat. G. Doerr. 2,189,562; Feb. 6.
Cover and forming the same, Steering wheel. L. E. Lipschultz. 2,226,866; Dec. 31.
Cover and frame, Manhole. V. Elkington. 2,194,221; Mar. 19.
Cover and pad, Electrically wired table. E. D. Vollmer. 2,190,225; Feb. 13.
Cover and support, Combined radiator. W. Fader. 2,225,104; Dec. 17.
Cover and the like, Mattress. A. D. London. 2,191,963; Feb. 27.
Cover and venting cap for storage batteries, Combination. R. G. Le Clercq and R. H. Rector. 2,219,134; Oct. 22.
Cover applying apparatus. W. H. Paulson. 2,225,569; Dec. 17.
Cover assembly for storage batteries. F. Slusher. 2,201,275; May 21.
Cover assembly, Spare wheel and tire. F. R. Rueppel. 2,189,407; Feb. 6.
Cover clamping and tucking mechanism for match booking machines. E. P. Olson. 2,225,927; Dec. 24.
Cover construction, Mattress. J. A. Krasnov. 2,223,568; Dec. 3.
Cover fastener. W. F. Newhouse. 2,204,865; June 18.
Cover fastener. W. F. Newhouse. 2,222,117; Nov. 19.
Cover fastening device, Urinal seam. G. P. Gavin. 2,220,057; Oct. 29.
Cover for automobile seats, Slip. H. A. Sallop. 2,223,532; Dec. 3.
Cover for books, Protective. E. Davidson. 2,190,055; Feb. 13.
Cover for bottle coolers. R. E. Baker. 2,202,684; May 28.
Cover for boxes, Display. H. Hermani. 2,206,013; July 2.
Cover for conduit outlet boxes. W. O. White. 2,199,683; May 7.
Cover for cooking tops, Lift. S. H. Hobson. 2,212,022; Aug. 20.
Cover for dispensing refrigerators. R. E. Baker. 2,202,476; May 28.
Cover for dynamo-electric machines, End-bell. C. H. Sutherland. 2,209,362; July 30.
Covering for food products, Wax. E. C. Ennis. 2,187,734; Jan. 23.
Cover for kitchen chair pads, Slip. M. Morgenstern. 2,205,302; June 18.
Cover for sealing liquid surfaces. R. Bainton. 2,227,172; Dec. 31.
Cover for seat boxes of railway locomotives, Cushion. A. L. Flaharty. 2,218,951; Oct. 22.
Cover for seats of passenger vehicles, Slip-on. D. D. Coldren. 2,191,956; Feb. 27.

Cover for tobacco jars. L. Hermani. 2,202,796; May 28.
Cover for water-closet seats, Slip. H. C. Leslie. 2,200,394; May 14.
Cover forming apparatus. B. K. Ford. 2,222,288; Nov. 19.
Cover installation, Burial vault. J. Schulz. 2,192,388; Mar. 5.
Cover installation, fastener for the same, and attaching same, Slip. W. I. Jones. 2,191,430; Feb. 20.
Cover lift, Automatic. E. Lehman. 2,195,033; Mar. 26.
Cover, Making a food display. A. E. Rouse. 2,186,994; Jan. 16.
Cover mechanism. L. A. Althoff. 2,200,016; May 7.
Cover operating means, Container. F. B. Deans. 2,201,161; May 21.
Cover operating means for receptacles. K. M. Hammell. 2,209,693; July 30.
Cover structure, Cylinder. C. W. Dake. 2,202,246; May 28.
Cover support. R. M. Critchfield and J. White. 2,188,706; Jan. 30.
Cover tucking and book ejecting mechanism for match booking machines. C. F. Wright. 2,195,197; March 26.
Cover tucking mechanism for match booking machines. C. F. Wright. 2,211,359; Aug. 13.
Covering and windshield, Flexible, transparent. G. B. Ashton. 2,193,469; Mar. 12.
Covering, Bed. F. M. Schwartz. 2,221,114; Nov. 12.
Covering element. F. J. Austin. 2,196,847; Apr. 9.
Covering element and making the same. A. F. Ernst. 2,197,972; Apr. 23.
Covering, Flexible smooth surface. F. M. Allen. 2,224,209; Dec. 10.
Covering, Foot. R. F. Trimble. 2,210,475; Aug. 6.
Covering for articles of manufacture during shipment in gondola cars and attaching the same, Protective. J. R. Thompson. 2,218,441; Oct. 15.
Covering for bedding. M. Kisilew. 2,210,210; Aug. 6.
Covering for buildings. P. E. Knudsen and M. E. Toussaint. 2,191,668; Feb. 27.
Covering for containers, Ornamental. H. Lathrop. 2,201,779; May 21.
Covering for crayons, Protective. E. S. Garvey. 2,190,942; Feb. 20.
Covering for flowerpots and the like, Decorative. J. Krasowski. 2,209,778; July 30.
Covering for trees, Protective. H. J. Hale. 2,197,929; Apr. 23.
Covering material. L. Kirschbraun. 2,190,028; Feb. 13.
Covering material. C. E. Rahr. 2,200,341; May 14.
Covering or finish. V. Lefebure. 2,205,423; June 25.
Covering, Protective. K. Vasen. 2,215,340; Sept. 17.
Covering, Weather. G. B. Johnston. 2,187,203; Jan. 16.
Coverings, table coverings, and the like, Making floor. T. H. Roth and T. D. Hinchcliffe. 2,217,137; Oct. 8.
Covers for books or the like, Manufacture of. L. R. Selva. 2,217,773; Oct. 15.
Cow sucking preventer. L. F. Mott. 2,187,461; Jan. 16.
Cowl, Adjustable chimney. D. Friedman. 2,188,709; Jan. 30.
Cowl, Chimney. D. Friedman. 2,223,003; Nov. 26.
Cowl fastener. L. J. and P. Rauch. 2,205,862–3; June 25.
Cowling combination. K. Adolph. 2,212,094; Aug. 20.
Cowling for aircraft engines. P. E. Mercier. 2,206,417; July 2.
Cowling for radial aircraft engines. K. Campbell. 2,217,858; Oct. 15.
Crab and minnow trap. R. S. Fuller, Jr. 2,218,843; Oct. 22.
Crack filling tool. P. K. Barrett. 2,214,219; Sept. 10.
Cracker dispenser. G. L. Mann. 2,226,626; Dec. 31.
Cracker or wafer holder. W. E. Robinson. 2,189,450; Feb. 6.
Cracking, Combination. E. W. Thiele and J. H. Forrester. 2,219,345; Oct. 29.
Cracking process and apparatus. H. M. Wier. 2,192,214; Mar. 5.
Craft from and to ships, Launching and recovery of waterborne. W. Woodeson and W. Midgley. 2,187,714; Jan. 16.
Craft. Nonsinkable. J. Picco. 2,201,788; May 21.
Cramp Floor. R. E. Chapman and J. Cahall. 2,197,404; Apr. 16.
Crane. R. E. Ljungkull. 2,189,212; Feb. 6.
Crane brake. W. G. Wehr. 2,199,863; May 7.
Crane equipment for the recovery of seaplanes and boats. W. A. Woodeson and W. Midgley. 2,187,439; Jan. 16.
Crane hoist control. G. A. Caldwell. 2,208,409; July 16.
Crane hoist control. G. E. Stoltz. 2,208,401; July 16.
Crane, Luffing. B. H. Kersting and H. Enard. 2,188,686; Jan. 30.
Crane, Portable. H. Hayes. 2,200,274; May 14.
Crane, Portable collapsible. H. D. Rogers. 2,191,181; Feb. 20.
Crane, Rotary. W. Dalton. 2,192,033; Feb. 27.
Crane, Tractor mounted. R. G. Le Tourneau. 2,189,426; Feb. 6.
Crane, Traveling. P. D. Nielsen. 2,196,564; Apr. 9.
Crank and connecting rod assembly, Dual. F. W. Crawford. 2,188,831; Jan. 30.
Crankcase. R. Daub. 2,189,600; Feb. 6.
Crankcase breather. W. L. Carlson. 2,187,264; Jan. 16.
Crankcase breather construction W. L. Carlson. 2,187,265; Jan. 16.
Crankcase drain valve. R. H. Nichols. 2,187,247; Jan. 16.
Crankcase flushing machine. C. F. Ehinger. 2,200,876; May 14.
Crankcase for multiple bank radial motors. F. Brandner. 2,223,508; Dec. 3.
Crankcase ventilation. G. F. Roddewig. 2,198,790; Apr. 30.
Crank change speed mechanism, Bicycle. M. Eckenrode. 2,197,238; Apr. 16.
Crank, Counterweighted. J. C. Slonneger. 2,219,080; Oct. 22.
Crank for mowers, Honing. C. Basham. 2,190.005; Feb. 13.
Crank for pumping units, Counterbalancing. A. M. Butcher. 2,213,646; Sept. 3.
Crank grinding machine. C. L. Ott and R. E. Price. 2,220,490; Nov. 5.
Crank mechanism. G. W. Bessey. 2,226,800; Dec. 31.
Crankpin turning tool. I. D. Zitzerman. 2,219,245; Oct. 22.
Crankpins and the like, Detecting cracks in. T. Rogatchoff. 2,185,315; Jan. 2.
Crankshaft. T. V. Hemmingsen. 2,217,550; Oct. 8.
Crankshaft. H. Hirth. 2,225,451; Dec. 17.
Crankshaft. N. M. Lawless. 2,197,413; Apr. 16.
Crankshaft blank. W. F. Groene and W. R. Meyer. 2,197,076; Apr. 16.
Crankshaft, Cast. G. Meyer. 2,196,422; Apr. 9.
Crankshaft chuck. W. F. Groene and W. R. Meyer. 2,188,594; Jan. 30.
Crankshaft construction. E. A. Ryder. 2,209,542; July 30.
Crankshaft lapping machine. D. A. Wallace and E. C. Lee. 2,195,048; Mar. 26.
Crankshaft lapping machine. D. A. Wallace and E. C. Lee. 2,195,058; Mar. 26.
Crankshaft, Sectional. T. E. Mattison. 2,190,411; Feb. 13.
Crate. W. M. Brockenbrough and H. S. Norris. 2,216,638; Oct. 1.
Crate, Egg. R. L. Caldwell. 2,219,978; Oct. 29.
Crate, Egg. F. G. Chambliss and C. M. Schott. 2,226,050; Dec. 24.
Crate or box liner, Cushioning. W. J. White. 2,194,963; Mar. 26.
Crate, Shipping. T. M. Vaughan. 2,186,743; Jan. 9.
Crate, Ventilated. R. H. Fletcher. 2,224,016; Dec. 3.
Cravat holder. G. A. Ingleby. 2,192,379; Mar. 5.
Crayon. C. E. Daniel. 2,215,902; Sept. 24.
Crayon. C. W. Hart. 2,226,377; Dec. 24.
Crayon holder. K. L. Deal. 2,189,561; Feb. 6.
Crayon holder. J. H. Oxley. 2,205,907; June 25.
Cream against oxidation, Protecting. S. Musher. 2,198,217; Apr. 23.
Cream separator. R. M. Owen. 2,223,528; Dec. 3.
Cream separator device. A. Bramhall. 2,224,533; Dec. 10.
Creamer and the like. F. O. C. Brown. 2,219,735; Oct 29.
Creams and apparatus therefor, Irradiating. C. Holt. 2,199,796; May 7.
Crease locating device. H. Ventimiglia. 2,215,059; Sept. 17.
Creel. D. C. Churchill. 2,199,616; May 7.
Creel accessory. M. G. Beal. 2,223,087; Nov. 26.
Creel board cleaner. J. P. Garey. 2,211,265; Aug. 13.
Creel frame. G. Kahlisch. 2,209,203; July 23.
Creeper. R. O. Hulbert. 2,210,585; Aug. 6.
Crepe and other highly twisted yarns, Producing. J. R. Wylde and D. Finlayson. 2,198,648; Apr. 30.
Crepe effects in textiles, Producing. P. Schlack. 2,200,135; May 7.
Crepe effects on fabrics, Obtaining. H. Altwegg and A. Eichler. 2,202,041; May 28.
Crepe forming mechanism, Plaited. W. H. Cannard. 2,197,447; Apr. 16.
Creped products, Including translucent films. W. W. Rowe. 2,198,392; Apr. 23.
Crib and bed, Convertible. B. Greenbaum. 2,223,955; Dec. 3.
Crib, Collapsible. S. E. Pearson. 2,194,320; Mar. 19.
Crib, Folding. J. P. Tembreull. 2,194,130; Mar. 19.
Crib, Folding. E. T. Wright. 2,205,452; June 25.
Crib, Infant's. M. W. Padjen. 2,203,921; June 11.
Cribbage board. A. G. Douthitt. 2,223,604; Dec. 3.
Cribbage board. S. C. Eddy. 2,204,177; June 11.
Cribbage board. W. F. Holmberg. 2,192,311; Mar. 5.
Cribbing. E. C. Alexander. 2,197,960; Apr. 23.
Cribbing. W. D. Schenk. 2,210,264; Aug 6.
Crimping device. P. Esselmann, K. Kösslinger, and P. Saffert. 2,187,567; Jan. 16.
Crochet hook. E. G. and H. C. Neuschwanger. 2,217,524; Oct. 8.
Crop lifter. J. E. Love. 2,214,965; Sept. 17.
Crop pickup cutter. E. W. Saiberlich. 2,196,645; Apr. 9.
Cross-arm jack. B. J. Lennert. 2,213,604; Sept. 3.
Cross field generator. W. R. Harding and T. C. Fockler. 2,196,414; Apr. 9.

Crossfire in telegraphic circuits, System for eliminating. W. D. Cannon. 2,216,545; Oct. 1.
Cross-flow system. P. R. King and R. D. Baker. 2,205,657; June 25.
Cross head. H. E. Muchnic. 2,192,014; Feb. 27.
Crosshead construction. H. A. Hoke. 2,215,504; Sept. 24.
Crossover for overhead trolley systems. R. R. Holden. 2,188,113; Jan. 23.
Cross rolling. P. B. Abramsen. 2,206,759; July 2.
Cross-talk, Method of and apparatus for measuring far-end. E. Fennessy. 2,215,783; Sept. 24.
Crossing protection apparatus, Highway. J. W. Logan, Jr. 2,203,914; June 11.
Crossing protective system. J. M. Evans. 2,213,308; Sept. 3.
Crossing protective system. S. M. Nampa. 2,202,316; May 28.
Crossing, Railroad. B. C. Monroe. 2,219,328; Oct. 29.
Crossing, Railway. E. Cook, A. F. Huber, and J. R. Hewitt, Jr. 2,218,603; Oct. 22.
Crossing signal. W. F. Schleicher. 2,219,757; Oct. 29.
Crossings, Trainway, railway, and the like. T. P. Strickland and A. T. O'Neara. 2,214,489; Sept. 10.
Crotyl 1-methyl-butyl thiobarbituric compound and producing it. H. A. Shonle and W. J. Doran. 2,216,561; Oct. 1.
Crotyl 1-methyl-propyl thiobarbituric compound and producing it. H. A. Shonle and W. J. Doran. 2,216,560; Oct. 1.
Crown cap center spots, Method of and apparatus for forming. A. L. Kronquest. 2,218,541; Oct. 22.
Crown cap spotting apparatus. A. L. Kronquest. 2,218,540; Oct. 22.
Crucible glass feeder. C. C. and D. W. Cook. 2,210,617; Aug. 6.
Crucible handling mechanism. H. F. Hagemeyer. 2,205,093; June 18.
Crucible support. R. D. York. 2,205,023; June 18.
Crucible support. R. D. York. 2,224,805; Dec. 10.
Crucible support. R. D. York. 2,226,650–2; Dec. 31.
Crusher. O. C. Gruender. 2,223,956; Dec. 3.
Crusher. H. H. Nicholson. 2,188,230; Jan. 23.
Crusher. S. F. Ossing and O. J. Feight. 2,212,616; Aug. 27.
Crusher and spreader. L. March. 2,198,547; Apr. 23.
Crusher, Cone. J. W. Stevens. 2,185,528; Jan. 2.
Crusher, Differential roll. S. D. Hartshorn. 2,192,310; Mar. 5.
Crusher, Food. C. M. McAllister. 2,218,119; Oct. 15.
Crusher, Gyratory. J. E. Kennedy. 2,208,639; July 23.
Crusher, Gyrator. J. H. Spohn, Jr. 2,186,596; Jan. 9.
Crusher, Gyratory. J. H. Spohn, Jr. 2,188,666; Jan. 30.
Crusher, Ice. T. J. Fegley and G. O. Leopold. 2,195,363; Mar. 26.
Crusher, Ice. G. J. Moeller. 2,208,040; July 16.
Crusher, Impact. E. B. Symons. 2,192,606; Mar. 5.
Crusher, Impact. E. B. Symons, 2,226,330; Dec. 24.
Crusher, Ore. J. J. Morch. 2,190,036; Feb. 13.
Crusher, Razor blade. J. F. Sheahan. 2,208,165; July 16.
Crusher, Ring-roll. P. W. Hoge. 2,220,153; Nov. 5.
Crusher, Soy bean. H. Ford and R. A. Boyer. 2,186,066; Jan. 9.
Crusher, Surgical stone. J. E. Held. 2,208,369; July 16.
Crushers, Wearing part for. O. C. Gruender. 2,226,341; Dec. 24.
Crushing and grinding machine. L. G. Hawkins. 2,200,576; May 14.
Crushing and grinding machine. D. E. Hughes. 2,227,090; Dec. 31.
Crushing and grinding machine. C. R. Johnson. 2,211,824; Aug. 20.
Crushing and grinding machine. M. E. Meinhardt. 2,204,024; June 11.
Crushing machine. H. C. Griesedieck. 2,205,850; June 25.

Crutch. A. N. Thorssen. 2,197,279; Apr. 16.
Crutch, Cane. P. Cederstrom. 2,192,766; Mar. 5.
Crutch, Hand. L. E. Lundquist. 2,189,429; Feb. 6.
Crystal apparatus, Piezoelectric. J. M. Wolfskill. 2,224,700; Dec. 10.
Crystal filter. M. G. Crosby. 2,205,847; June 25.
Crystal for watertight watches, Watch. E. Morf. 2,187,863; Jan. 23.
Crystal form demonstrator. I. Balinkin. 2,206,149; July 2.
Crystal holder. G. L. Usselman and R. E. Franklin. 2,193,501; Mar. 12.
Crystal holder, Piezo-electric. W. Schneider. 2,210,045; Aug. 6.
Crystal, Piezo electric. P. D. Gerber. 2,218,489; Oct. 15.
Crystal, Piezoelectric. O. Mattiat. 2,194,183; Mar. 19.
Crystalline formation. A. M. Marks. 2,199,227; Apr. 30.
Crystallization process. W. N. Henderson. 2,219,776; Oct. 29.
Crystallizing apparatus. C. A. Boyd, F. B. Kraft, and P. Ragborg. 2,186,234; Jan. 9.
Cuboid metatarsal support. W. C. Burns. 2,224,642; Dec. 10.
Cue, Shuffleboard. A. Cassidy. 2,207,718; July 16.
Cuff. F. Augustin. 2,209,376; July 30.
Cuff fastener. M. J. Ellsasser. 2,206,082; July 2.
Cuff for jacket sleeves. G. H. Connor. 2,214,120; Sept. 10.
Cuff link. G. A. J. Bezault. 2,209,148; July 23.
Cuff link. H. T. Garrigus. 2,188,505; Jan. 30.
Cuff link. W. Rubenstein. 2,225,889; Dec. 24.
Cuff link. H. D. Simpson. 2,197,882; Apr. 23.
Cuff link construction. W. J. Morse. 2,194,766; Mar. 26.
Cuff link, Self-retaining. F. A. Bullock. 2,186,955; Jan. 16.
Cuff valve engine. W. D. Tipton. 2,216,057; Sept. 24.
Culinary device. J. A. Waller. 2,189,354; Feb. 6.
Culinary device. J. A. Waller and C. E. Mockbee. 2,223,772; Dec. 3.
Culinary hand tool. M. R. Dellar. 2,219,413; Oct. 29.
Cultivating implement, Adjustable. O. Hoffman. 2,191,741; Feb. 27.
Cultivating machine. T. Uyehara. 2,193,308; Mar. 12.
Cultivating tool. R. S. Klopfenstein. 2,203,159; June 4.
Cultivator. R. S. Bateman. 2,188,029; Jan. 23.
Cultivator. B. O. Cuddigan and B. J. Mondloch. 2,205,188; June 18.
Cultivator. J. A. Evan. 2,195,513; Apr. 2.
Cultivator. T. W. Johnson. Re. 21,317; Jan. 9.
Cultivator. G. Large. 2,221,099; Nov. 12.
Cultivator. A. Ronning. 2,199,674; May 7.
Cultivator. B. O. Short. 2,188,644; Jan. 30.
Cultivator. V. J. Sibel. 2,221,332; Nov. 12.
Cultivator. E. Wigle. 2,218,187; Oct. 15.
Cultivator and cotton chopper, Combined. W. T. Brantley. 2,196,547; Apr. 9.
Cultivator and hill former, Combined. W. A. Reisert, Jr. 2,198,789; Apr. 30.
Cultivator attachment. W. A. Seright. 2,224,800; Dec. 10.
Cultivator demonstrator. B. R. Benjamin. 2,211,877; Aug. 20.
Cultivator disk gang operator. H. H. Buhr. Re. 21,601; Oct. 22.
Cultivator, Drill. F. Thompson. 2,189,185; Feb. 6.
Cultivator for vineyards. H. A. Jacobs and H. M. Armistead. 2,185,634; Jan. 2.
Cultivator for vineyards. H. A. Jacobs and H. M. Armistead. 2,206,283; July 2.
Cultivator mechanism. J. T. Covington. 2,189,707; Feb. 6.
Cultivator, Rotary. C. M. Simmons and E. E. Englund. 2,215,364; Sept. 17.
Cultivator shield control. J. H. Koebel. 2,220,338; Nov. 5.
Cultivator sweep, Fabricated. L. O. Wiese. 2,226,884; Dec. 31.
Culvert, Metal. D. L. Miller and A. G. Felker. 2,202,743; May 28.
Cup. E. M. Bush. 2,222,741; Nov. 26.
Cup and plunger oil well pump, Combination. F. Wilcom and R. D. Thompson. 2,189,237; Feb. 6.
Cup and the like. W. Dolphin. 2,189,136; Feb. 6.
Cup balancing machine, Speed. C. W. McKinley, L. B. Smith, and C. B. Dinsmore. 2,195,252; Mar. 26.
Cup, Chemo. J. T. Medler. 2,208,997; July 23.
Cup, Colostomy. M. Perry. 2,205,270; June 18.
Cup dispenser, Paper. S. S. Piken. 2,186,205; Jan. 9.
Cup, Drinking. B. Merta. 2,200,512; May 14.
Cup, Flexible. E. F. Loweke. 2,196,337; Apr. 9.
Cup for milking machines, Teat. B. V. Orre. 2,211,515; Aug. 13.
Cup, Force. A. Walus. 2,203,185; June 4.
Cup, Hot. F. M. Carathers. 2,223,780; Dec. 3.
Cup, Measuring. N. Eskilson. 2,204,730; June 18.
Cup, Milking machine teat. W. A. Scott. 2,219,945; Oct. 29.
Cup, Oil. M. W. Bauman. 2,185,622; Jan. 2.
Cup, Paper. R. V. Nyman. 2,227,361; Dec. 31.
Cup, Paper. A. Schwarzenzer. 2,192,415; Mar. 5.
Cup, Rod grease. R. J. Finch. 2,194,931; Mar. 26.
Cup, Sanitary drinking. W. M. Overgard. 2,186,880; Jan. 9.
Cup, Sputum. F. V. Cudemo. 2,205,813; June 25.
Cup, Sputum. K. C. Hamilton. 2,218,002; Oct. 15.
Cup, Suction. S. L. Johnson. 2,221,238; Nov. 12.
Cup, surgical suction drainage. L. E. Estler. 2,195,771; Apr. 2.
Cup with cleaning attachment, Household measuring. W. B. Nevin. 2,195,133; Mar. 26.
Cups, Forming roller bearing. A. J. Schreiber. 2,191,916; Feb. 27.
Cups, Making paper. W. E. Amberg. 2,224,129; Dec. 10.
Cups, Method and machine for making. L. M. Harvey. 2,215,698; Sept. 24.
Cups, Method and machine for making paper. H. J. Smith and C. B. Bild. 2,203,510; June 4.
Cups, Method of and apparatus for producing paper. F. P. Swallow and F. C. Smith. 2,216,331; Oct. 1.
Cups, Thermostatically controlled means for rotating packing. J. C. Cox. 2,197,125; Apr. 16.
Cupboard, Planfile. C. B. Ulrich. 2,197,355; Apr. 16.
Cupola charger. J. N. Richardson. 2,200,652; May 14.
Cuprous alloy. J. Fletcher. 2,212,017; Aug. 20.
Curb indicator for motor vehicles. L. Mohar. 2,201,496; May 21.
Curl forming device. A. W. Woodford. 2,199,453; May 7.
Curl clip. P. Eicher. 2,201,719; May 21.

Curler. W. Huppert. 2,221,227; Nov. 12.
Curler. G. E. Laos. 2,189,505; Feb. 6.
Curler. S. F. Kayn. 2,225,454; Dec. 17.
Curler and method of assembly, Hair. W. Huppert. 2,192,134; Feb. 27.
Curler, Comb. W. Huppert. 2,225,590; Dec. 17.
Curler, Expansible croquignole. R. McCormick. 2,214,233; Sept. 10.
Curler, Eyelash. H. Bernstein. 2,214,318; Sept. 10.
Curler, Eyelash. S. L. Sneirson. 2,185,230; Jan. 2.
Curler, Hair. R. L. and M. E. Andrea. 2,188,028; Jan. 23.
Curler, Hair. B. Black. 2,200,590; May 14.
Curler, Hair. A. Caldora. 2,218,082; Oct. 15.
Curler, Hair. F. Fuscaldo. 2,195,300; Mar. 26.
Curler, Hair. P. J. Graham. 2,203,050; June 4.
Curler, Hair. G. L. Hitz and A. A. Leisy. 2,196,438; Apr. 9.
Curler, Hair. W. Huppert. 2,203,218; June 4.
Curler, Hair. F. Kapelman. 2,197,475; Apr. 16.
Curler, Hair. H. Rubira. 2,218,298; Oct. 15.
Curler, Hair. N. L. Solomon. 2,205,442; June 25.
Curler, Hair. R. E. Swanson. 2,213,231; Sept. 3.
Curler, Hair. D. B. Webster. 2,197,821; Apr. 23.
Current-adjusting means. C. J. Holslag. 2,192,312; Mar. 5.
Current ballast device. L. C. Hopkins, Jr. 2,213,706; Sept. 3.
Current circuit breaker, Alternating. W. Krämer. 2,196,868; Apr. 9.
Current collecting device. J. Morris, Jr. 2,210,684; Aug. 6.
Current collecting device. E. C. Ryan. 2,185,270; Jan. 2.
Current collector. E. A. Larsson. 2,185,257; Jan. 2.
Current collector. E. C. Ryan. 2,185,269; Jan. 2.
Current collector. W. Schaake. 2,217,456; Oct. 8.
Current collector. W. Schaake. 2,221,611; Nov. 12.
Current collector shoe. E. C. Ryan. 2,185,268; Jan. 2.
Current connection ring. J. V. White and E. J. Ritter. 2,219,244; Oct. 22.
Current conversion system. J. Slepian. 2,193,604; Mar. 12.
Current converter, Electric. R. Lee. 2,192,709; Mar. 5.
Current converting contactor mechanism. F. X. Dostal. 2,225,335; Dec. 17.
Current deflector. V. C. Overton. 2,203,742; June 11.
Current detector, Tracer. S. W. Borden. 2,199,846; May 7.
Current electric relay, Alternating. H. Leyburn and C. Freeland. 2,208,907; July 23.
Current electric systems, Protection of alternating. A. U. Welch, Jr., and L. W. Foster. 2,224,623; Dec. 10.
Current electrical system, Constant. J. H. Green. 2,194,357; Mar. 19.
Current glow tube, Low grid. D. D. Knowles. 2,200,089; May 7.
Current interrupter, Periodic direct. A. Leifer. 2,213,550; Sept. 3.
Current into alternating current, Arrangement for converting direct. A. Leifer. 2,203,467; June 4.
Current limiter. K. W. Wilckens. 2,200,109; May 7.
Current limiting device. F. H. Gulliksen. 2,196,413; Apr. 9.
Current measuring device, Direct. H. Edler. 2,217,435; Oct. 8.
Current method and apparatus for logging wells, Alternating. E. Lipson. 2,224,635; Dec. 10.
Current power, Method of and apparatus for electrostatically generating direct. R. J. Van de Graaff and J. G. Trump. 2,194,839; Mar. 26.
Current rectifier, Alternating. E. Barrey. 2,201,940; May 21.
Current rectifier, Alternating. J. Hardwick, R. Blythen, and E. L. C. White. 2,206,091; July 2.
Current rectifier, Electric. M. Conant. 2,204,010; June 11.
Current rectifiers, Manufacture of alternating electric. A. L. Williams, L. E. Thompson, and R. H. Cubitt. 2,201,709; May 21.
Current rectifiers of the dry surface contact type, Manufacture of alternating. A. L. Williams and L. E. Thompson. 2,211,188; Aug. 13.
Current rectifiers or converters, Forced commutation of. U. Lamm and A. Karsberg. 2,204,805; June 18.
Current rectifying method and apparatus. F. Meyer and H. J. Spanner. 2,206,912; July 9.
Current regulator. J. Crawford. 2,225,158; Dec. 17.
Current regulator for alternating current power circuits. R. R. Miner. 2,195,969; Apr. 2.
Current responsive instrument. H. F. Grave. 2,213,086; Aug. 27.
Current responsive instrument. R. M. Rowell. 2,210,778; Aug. 16.
Current signaling system, Reverse. M. W. Muehter. 2,215,187; Sept. 17.
Current supply system, Ringing. J. M. Duguid, W. S. Ross, and C. W. Van Duyne. 2,225,907; Dec. 24.
Current, System for arcless interruption of alternating. W. F. Szabo. 2,201,595; May 21.
Current timing arrangement, Convoy. U. S. Berger and A. E. Melhose. 2,207,711; July 16.
Current to electric furnaces, Supply of. M. O. Sem. 2,226,747; Dec. 31.
Current transfer system. C. Lynn. 2,208,381; July 16.
Current transformer, High frequency. H. Wehrlin. 2,214,915; Sept. 17.
Currents, Apparatus for converting. F. Koppelmann. 2,188,361; Jan. 30.
Currents of voltages with the aid of periodically actuated break contacts, Conversion of. E. Janetschke. 2,193,421; Mar. 12.
Curtain. I. R. Grundstein. 2,200,366; May 14.
Curtain and drapery support. C. W. Arnold. 2,190,764; Feb. 20.
Curtain and drapery support. A. Ziolkowski. 2,195,979; Apr. 2.
Curtain assembly, Crisscross. B. Rosenberg. 2,200,041; May 7.
Curtain, Automatic grave. G. E. Smith. 2,208,479; July 16.
Curtain bracket, Adjustable. L. J. Rose. 2,185,385; Jan. 2.
Curtain crane bracket. I. W. Lemle. 2,210,982; Aug. 13.
Curtain, curtain stretcher, and stretcher clamp. F. W. Schimmel. 2,190,888; Feb. 20.
Curtain drier. A. P. Kutsche. 2,216,244; Oct. 1.
Curtain drying apparatus. E. L. Waterhouse. 2,188,397; Jan. 30.
Curtain fixture. J. H. Boye. 2,200,411; May 14.
Curtain fixture. J. H. Boye. 2,205,644; June 25.
Curtain fixture. C. J. De Muth. 2,192,882; Mar. 12.
Curtain fixture. J. E. Gaudet. 2,200,740; May 14.
Curtain hanging fixture. N. Menutole. 2,193,200; Mar. 12.
Curtain, Heat insulation. E. R. Sitton. 2,206,680; July 2.
Curtain holder. A. C. Horsch. 2,217,367; Oct. 8.
Curtain, Magnetically held. I. J. Piken. 2,212,326; Aug. 20.
Curtain operating mechanism. V. H. Volland. 2,201,804; May 21.
Curtain, Radiator. J. E. McCoy. 2,198,123; Apr. 23.
Curtain rigging, Stage. C. E. Tompkins. 2,227,043; Dec. 31.
Curtain rod. P. F. Dover. 2,223,282; Nov. 26.
Curtain rod. P. F. Dover. 2,224,903; Dec. 17.
Curtain rod. C. P. Henry. 2,204,493; June 11.
Curtain rod. B. E. Moriarty. 2,188,738; Jan. 30.
Curtain rod assembly, Extension. G. W. Kirsch. 2,201,043; May 14.
Curtain rod bracket. R. Grossmeyer. 2,211,893; Aug. 20.
Curtain rod device. J. R. Guildford. 2,204,411; June 11.
Curtain rod holder. N. Puppo and J. Chidichimo. 2,220,730; Nov. 5.
Curtain rod, Shower. J. F. Culver. 2,199,851; May 7.
Curtain rod support. H. J. Reedy and J. P. Marucco. 2,185,648; Jan. 2.
Curtain, Sleeping car. J. F. Clary. 2,208,521; July 16
Curtain support. M. Lange. 2,186,533; Jan. 9.
Curtain support. E. La Veau. 2,219,075; Oct. 22.
Curtain-supporting and operating mechanism. G. O. Kahler. 2,222,229; Nov. 19.
Curtain, Window. G. Kahn. 2,194,242; Mar. 19.
Curve scriber. J. A. Buttress. 2,217,998; Oct. 15.
Cushion. J. C. Laufenburg. 2,224,353; Dec. 10.
Cushion and making the same, Air. H. L. Welker and F. Cremer. 2,193,750; Mar. 12.
Cushion and swimming belt, Combined. H. M. Doiguchi. 2,211,104; Aug. 13.
Cushion assembly. C. F. and W. C. Bartel. 2,203,007; June 4.
Cushion, Bedpan. T. E. Pedersen. 2,188,844; Jan. 30.
Cushion construction, Spring. C. H. Menge. 2,220,577; Nov. 5.
Cushion form, Adjustable. A. D. Human. 2,212,739; Aug. 27.
Cushion, Gunstock. W. S. Brant. 2,193,310; Mar. 12.
Cushion joint. H. C. and T. Lord. 2,195,873; Apr. 2.
Cushion, Pin. R. D. Mudgett. 2,205,536; June 25.
Cushion, Pneumatic. N. Fisher. 2,199,047; Apr. 30.
Cushion, Pneumatic. H. D. Geyer and W. S. Wolfram. 2,226,605; Dec. 31.
Cushion, Rail. T. B. Upchurch, Jr. 2,214,628; Sept. 10.
Cushion, Seat. J. P. Gordon. 2,204,449; June 11.
Cushion, Seat back. H. A. Campbell. 2,205,465; June 25.
Cushion, Spring. A. Wesley and L. J. Sieger. 2,200,942; May 14.
Cushion, Spring and air. D. A. Greene and J. M. Caughey. 2,199,489; May 7.
Cushion support. H. C. Lord. 2,199,004; Apr. 30.
Cushion underframe. J. M. Hall. 2,220,101; Nov. 5.
Cushioned friction clutch. S. K. Wellman. 2,207,961; July 16.
Cushioned seat. J. E. Bloomberg. 2,208,745; July 23.
Cushioned wheel. J. Bartho and J. T. Ackerson. 2,208,567; July 23.
Cushioning and centering device for jar mills. H. F. Kleinfeldt. 2,225,417; Dec. 17.
Cushioning device. E. H. Blattner. 2,220,074; Nov. 5.
Cushioning device. A. F. Dicker, Sr. 2,208,751; July 23.
Cushioning device for bicycle forks and the like. H. R. Uber. 2,188,968; Feb. 6.
Cushioning mechanism. M. P. Blomberg. 2,216,429; Oct. 1.
Cushioning mechanism. L. M. Clark. 2,197,030; Apr. 16.
Cushioning mechanism. R. C. Hobson. 2,216,473; Oct. 1.

Cushioning mechanism. G. R. Munro and N. H. Roy. 2,208,338; July 16.
Cushioning mechanism. H. D. Page. 2,186,267; Jan. 9.
Cushioning mechanism. H. D. Page. 2,203,542; June 4.
Cushioning mechanism for car trucks. J. A. Shafer. 2,195,742; Apr. 2.
Cuspidor. L. and F. J. Pragalz 2,193,206; Mar. 12.
Custard making machine, Frozen. C. Kaltenbach and L. Schmitt. 2,188,551; Jan. 30.
Cut-in switch, Automatic. H. E. Young and E. H. Haug. 2,198,101; Apr. 23.
Cutoff machine. E. C. Whitney. 2,201,658; May 21.
Cut-off mechanism. A. Borzym. 2,198,599; Apr. 30.
Cutoff mechanism. A. Borzym. 2,205,389; June 25.
Cutoff stop, Adjustable. D. Field. 2,226,055; Dec. 24.
Cutout and brake for bread slicing machines, Automatic. K. W. Kuban. 2,218,757; Oct. 22.
Cutout figure or object. F. L. Cairo. 2,203,128; June 4.
Cut-out for automobile ignition circuits, Emergency. C. A. Griesedieck. 2,192,262; Mar. 5.
Cutout for electric motors, Magnetically shielded. T. S. Taylor. 2,199,232; Apr. 30.
Cutout, Sectionalizing. G. W. Goldner. 2,203,330; June 4.
Cut-out switch. N. D. Benson. 2,226,918; Dec. 31.
Cutlery. J. R. Balder. 2,195,846; Apr. 2.
Cutter: *See*—

Bean cutter.	Inside pipe cutter.
Belt and tape cutter.	Inside tubing cutter.
Cable cutter.	Lead-in-cutter.
Cigar cutter.	Marshmallow cutter.
Cigarette package cutter.	Metal panel cutter.
Cloth cutter.	Milling cutter.
Coal cutter.	Outside pipe cutter.
Container cutter.	Paper cutter.
Cord cutter.	Pipe cutter.
Corn cutter.	Popcorn cutter.
Cotton stalk cutter.	Rod cutter.
Crop pickup cutter.	Roller cutter.
Dough cutter.	Rotary cutter.
Electrical insulation cutter.	Rotary grass cutter.
	Rubber bale cutter.
Ensilage cutter.	Shrub cutter.
Expanding cutter.	Siding cutter.
Expansible cutter.	Sole edge trimming cutter.
Fiber cutter.	
Film cutter.	Stencil circle cutter.
Flock cutter.	Stone cutter.
Gear cutter.	Tile cutter.
Glass cutter.	Tree and brush cutter.
Glass tube cutter.	Trim material cutter.
Grapefruit cutter.	Tubing cutter.
Grass cutter.	Weed cutter.
Hair cutter.	Wire line pipe cutter.
Inserted blade cutter.	Wrapping paper cutter.

Cutter. C. R. Chang. 2,209,112; July 23.
Cutter. C. W. Davidson. 2,212,012; Aug. 20.
Cutter. C. E. Kraus. 2,186,417; Jan. 9.
Cutter and bearing assembly. R. W. Maxwell. 2,190,365; Feb. 13.
Cutter and blade therefor. J. A. Klod. 2,196,455; Apr. 9.
Cutter and flattener, Cube steak. H. Reinwald. 2,186,429; Jan. 9.
Cutter and rake, Grass. W. L. Daggett. 2,208,880; July 23.
Cutter and tensioning device, Band. J. M. Gerrard. 2,199,744; May 7.
Cutter and the like, Dough batch. C. E. Carpenter. 2,210,278; Aug. 6.
Cutter attachment, Channel. J. Ferrara. 2,197,796; Apr. 23.
Cutter bar. W. R. Gillette. 2,217,741; Oct. 15.
Cutter bars of mowing machines, Adjusting the. A. S. Cambridge. 2,197,295; Apr. 16.
Cutter bars of mowing machines, Adjusting the. A. S. Cambridge. 2,210,794; Aug. 6.
Cutter blades, Relief grinding. A. H. Candee and E. Wildhaber. 2,186,362; Jan. 9.
Cutter blades, Relief grinding. E. Wildhaber. 2,204,714; June 18.
Cutter chain. E. J. Doberstein. 2,204,344; June 11.
Cutter chain. C. F. Osgood. 2,190,674; Feb. 20.
Cutter chain. L. E. Simmons. 2,186,502; Jan. 9.
Cutter detaching device for dry shavers, Inner. J. H. Rand, Jr. 2,186,122; Jan. 9.
Cutter disengaging device. R. E. Benner. 2,186,094; Jan. 9.
Cutter drive for cloth shears. G. E. Marble. 2,217,344; Oct. 8.
Cutter for and cutting gears. L. O. Carlsen. 2,200,412; May 14.
Cutter for cigar machines, Leaf. P. Peterson. 2,209,349; July 30.
Cutter for looms, Weft. K. Schwabe. 2,220,665; Nov. 5.
Cutter for meat grinders. C. W. Dieckmann. 2,186,716; Jan. 9.
Cutter for meat grinders. C. W. Dieckmann. 2,206,529; July 2.
Cutter for packaging machines, Sheet. R. N. Doble. 2,219,682; Oct. 29.
Cutter for picking fruit. J. and P. H. Read. 2,206,790; July 2.
Cutter for vegetables. G. Potstada. 2,227,364; Dec. 31.
Cutter head. L. J. Misuraca. 2,192,522; Mar. 5.
Cutter head. E. P. Sacrey. 2,221,458; Nov. 12.
Cutter head for shaving machines. A. G. Stevenson. 2,206,338; July 2.
Cutter, Key. H. W. Devlin. Re. 21,408; Mar. 26.
Cutter mechanism for needle looms. J. Gabler. 2,205,623; June 25.
Cutter mounting. F. L. Scott. 2,192,697; Mar. 5.
Cutter mounting means, Reamer. A. C. Catland. 2,190,350; Feb. 13.
Cutter truing device. S. H. Earl and L. O. Carlsen. 2,192,343; Mar. 5.
Cutters, Method of and apparatus for relieving. E. Wildhaber. 2,210,273; Aug. 6.
Cutters, Method of and apparatus for relieving gear. M. H. Johanson. 2,188,005; Jan. 23.
Cutters, Safety device for cigar wrapper. S. Clausen. 2,213,081; Aug. 27.
Cutting and creasing machine. C. Schwarz and O. Bauer. 2,193,568; Mar. 12.
Cutting and folding machine. H. M. Barber. 2,211,046; Aug. 13.
Cutting apparatus. J. L. Anderson. 2,211,224; Aug. 13.
Cutting apparatus. W. J. Coultas and C. J. Frederiksen. 2,203,982; June 11.
Cutting apparatus. W. Eberle. 2,207,787; July 16.
Cutting apparatus. H. Neuwirth. 2,219,485; Oct. 29.
Cutting apparatus. G. A. Ungar. 2,208,350; July 16.
Cutting attachment for combs. N. Bois. 2,188,131; Jan. 23.
Cutting attachment for rotary shears, Circle. H. C. Smith, Jr. 2,209,211; July 23.
Cutting bit. H. M. Morrow. 2,217,347; Oct. 8.
Cutting block. J. Janes. 2,199,917; May 7.
Cutting device. C. Gardner. 2,198,266; Apr. 23.
Cutting device. P. S. Larson. 2,223,828; Dec. 3.
Cutting device. A. E. Maynard. 2,211,067; Aug. 13.
Cutting device, Flying. K. W. Hallden. 2,201,581; May 21.
Cutting device, Flying. K. W. Hallden. 2,203,260; June 4.
Cutting device, Flying. K. W. Hallden. 2,211,418; Aug. 13.
Cutting die. G. W. Lamb. 2,214,743; Sept. 17.
Cutting head. H. J. Berry. 2,214,449; Sept. 10.
Cutting implement. J. A. Gits and J. P. Gits. 2,215,216; Sept. 17.
Cutting machine. H. W. Bruker. 2,204,067; June 11.
Cutting machine. W. O. Christian. 2,224,668; Dec. 10.
Cutting machine. H. Johnston. 2,207,887; July 16.
Cutting machine. W. L. Martin. 2,193,878; Mar. 19.
Cutting machine. F. C. A. Ott. 2,193,979; Mar. 19.
Cutting machine. O. C. Schmidt. 2,210,306; Aug. 6.
Cutting machine. R. R. Ward. 2,202,177; May 28.
Cutting machine for plastic material, Continuous. C. and H. H. Doering. E. W. Anderson, and B. Skoglund. 2,201,392; May 21.
Cutting machine, Rotary. C. X. Haskins. 2,200,575; May 14.
Cutting machine, Universal. F. W. Graff. 2,195,108; Mar. 26.
Cutting means. F. M. Carroll. 2,195,849; Apr. 2.
Cutting mechanism. H. W. Bruker and H. F. Black. 2,185,885; Jan. 2.
Cutting mechanism. A. F. Shields. 2,202,872; June 4.
Cutting method and apparatus. E. A. Doyle. 2,221,788; Nov. 19.
Cutting, shaping, embossing, and wrapping machine for butter or similar plastic material. B. Rottenberg. 2,201,872; May 21.
Cutting tool. F. E. Aurand, Jr. 2,199,383; May 7.
Cutting tool. G. J. Barrett and S. Robichaux. 2,199,020; Apr. 30.
Cutting tool,. W. H. Evans. 2,218,380; Oct. 15.
Cutting tool. J. Fossa. 2,219,476; Oct. 29.
Cutting tool. E. Hassig. 2,227,084; Dec. 31.
Cutting tool. A. E. Hintermeyer. 2,213,705; Sept. 3.
Cutting tool. W. W. Landrum. 2,225,224; Dec. 17.
Cutting tool. P. Luft. 2,185,673; Jan. 2.
Cutting tool. F. P. Miller. 2,186,423; Jan. 9.
Cutting tool. R. K. Mitchell. 2,201,142; May 21.
Cutting tool. F. F. Ruland. 2,212,886; Aug. 27.
Cutting tool. G. E. Sheldrick. 2,209,174; July 23.
Cutting tool. J. F. Wulff. 2,209,751; July 30.
Cyanamides, Dihydroaromatic. R. O. Roblin, Jr. 2,194,075; Mar. 19.
Cyanamides, Hydroaromatic. R. O. Roblin, Jr. 2,194,076; Mar. 19.
Cyanamides, Terpenyl. R. O. Roblin, Jr. 2,194,077; Mar. 19.
Cyanide, Manufacture of alkali metal. L. J. Burrage. 2,201,760; May 21.
Cyanide solutions, Disposal of waste. C. J. Wernlund and M. J. Zunick. 2,194,438; Mar. 19.
Cyano and thiocyano compounds and their manufacture. P. Müller. 2,214,971; Sept. 17.
Cyano-2-butadiene-1,3, Preparing. A. S. Carter and F. W. Johnson. 2,205,239; June 18.
Cycle. J. A. Hussy. 2,191,663; Feb. 27.
Cycle. F. T. Irgens. 2,187,973; Jan. 23.
Cycle engine, Two-stroke. G. S. Kammer. 2,197,107; Apr. 16.
Cycle saddle post. H. E. Kalter. 2,205,014; June 18.
Cycles and like vehicles, Additional impelling device for. J. P. Souhart. 2,207,305; July 9.
Cyclic compounds, Oxidation of. D. J. Loder. 2,223,493; Dec. 3.

Cyclic compounds, Recovery or production of unitary. M. Pier. 2,221,410; Nov. 12.
Cyclic-organo-trithiocarbonates, Preparation of. W. Coltof. 2,193,415; Mar. 12.
Cyclic process for the production of nitroparaffins. E. B. Hodge. Re. 21,658; Dec. 10.
Cyclic process for the production of nitroparaffins. J. Martin and E. B. Hodge. Re. 21,657; Dec. 10.
Cycloalkyl-phenothioxine compounds. F. B. Smith and H. W. Moll. 2,221,820; Nov. 19.
Cyclohexane and acetone, Producing. E. P. Bartlett. 2,204,978; June 18.
Cyclohexene, Manufacture of. R. C. Dosser. 2,186,370; Jan. 9.
Cyclohexene, Preparation of. E. C. Britton, R. C. Dosser, and J. J. Sculati. 2,204,565; June 18.
Cyclohexyl derivatives, Higher polyalkylated. H. A. Bruson. 2,198,375; Apr. 23.
Cyclohexyl-halo-phenols. L. E. Mills. 2,221,809; Nov. 19.
Cyclone dust separator. H. C. Reeves. 2,193,883; Mar. 19.
Cyclone separator. C. C. Marston. 2,219,711; Oct. 29
Cyclopentano-phenanthrene compounds and producing same. E. Schwenk and B. Whitman. 2,220,623; Nov. 5.
Cyclopropane, Preparation of. W. G. Christiansen. 2,206,877; July 9.
Cyclopropane, Preparation of. W. A. Lott. 2,211,787; Aug. 20.
Cyclopropane, Preparing. W. G. Christiansen. 2,206,878; July 9.
Cyclopropane, Preparing. J. M. Ort. 2,206,917; July 9.
Cylinder and head, Composite. R. Daub. 2,199,619; May 7.
Cylinder construction for washing machines or the like. A. H. Haberstump. 2,214,131; Sept. 10.
Cylinder escapement, Dead beat. M. A. Juillerat. 2,196,866; Apr. 9.
Cylinder for brakes, Master. F. C. Frank. 2,208,575; July 23.
Cylinder for brakes, Master. L. E. La Brie. 2,207,127; July 9.
Cylinder for fluid brake systems, Power. R. R. Stitt. 2,224,492; Dec. 10.
Cylinder for harvesters, Beater or thrashing. J. Lackey. 2,227,225; Dec. 31.
Cylinder for hydraulic brake systems, Master. G. Van Vestraut and F. G. Parnell. 2,194,816; Mar. 26.
Cylinder for hydraulic brakes. H. K. Weihe. 2,191,054; Feb. 20.
Cylinder for hydraulic brakes, Master. L. E. La Brie. 2,192,012; Feb. 27.
Cylinder for hydraulic brakes, Master. O. Rasmussen. 2,212,370; Aug. 20.
Cylinder for opposed piston engines. C. Retschy. 2,193,884; Mar. 19.
Cylinder head. E. G. Fahlman. 2,205,646; June 25.
Cylinder head. J. Tjaarda. 2,196,370; Apr. 9.
Cylinder head cooling means. K. A. Browne. 2,214,321; Sept. 10.
Cylinder head for four-stroke internal combustion engines. G. Eichelberg. 2,215,579; Sept. 24.
Cylinder head lifting and handling device. H. T. McCullough. 2,208,221; July 16.
Cylinder, Hydraulic brake wheel. E. R. Pierce and G. K. Hause. 2,212,246; Aug. 20.
Cylinder liner retainer and packing gland for pumps, Water. G. E. Campbell. 2,198,301; Apr. 23.
Cylinder, Liquid cooled engine. C. N. Furay. 2,186,784; Jan. 9.
Cylinder lock. H. Machinist. 2,225,703; Dec. 24.
Cylinder lock. S. Segal. 2,213,262; Sept. 3.
Cylinder lock. P. E. Stone. 2,197,952; Apr. 23.
Cylinder lock. G. E. Swanson. 2,206,539; July 2.
Cylinder lock mounting. W. R. Schlage. 2,207,878; July 16.
Cylinder, Making a flexible. C. Field. 2,210,070; Aug. 6.
Cylinder, Master. G. H. Hunt. 2,188,355; Jan. 30.
Cylinder, Master. F. L. Main. 2,223,424; Dec. 3.
Cylinder motion for double cylinder Jacquard. H. V. Foster. 2,226,240; Dec. 24.
Cylinder, Printing. W. F. Grupe. 2,194,424; Mar. 19.
Cylinder, Printing. C. A. Meisel. 2,186,764; Jan. 9.
Cylinder, Printing press. K. W. Higby. 2,185,766; Jan. 2.
Cylinder reboring machine. H. Petersen. 2,213,885; Sept. 3.
Cylinder supporting and protecting means. M. G. Farrar. 2,221,967; Nov. 19.
Cylinder supporting arrangement. C. B. Campbell. 2,190,170; Feb. 13.
Cylinder valve. W. C. Buttner. 2,194,541; Mar. 26.
Cylinder valve. E. M. Evleth. 2,216,292; Oct. 1.
Cylinder wall reboring tool. E. F. Svab. 2,223,582; Dec. 3.
Cylinders and cooling jackets of internal combustion engines, Manufacture of. L. Saives. 2,194,872; Mar. 26.
Cylinders, Coating printing. C. L. Henderson. 2,212,234; Aug. 20.
Cylinders, Controlling hydraulically operated working. J. Polak. 2,214,308; Sept. 10.
Cylinders, Lubrication of steam. F. B. Downing, A. F. Benning, and L. G. Benton. 2,215,956; Sept. 24.
Cylinders of fabric printing machines, Supporting the printing. G. Mark. 2,206,968; July 9.
Cylinders of the two-stroke internal combustion engines, Scavenging of the. H. Brooks. 2,204,296; June 11.
Cylinder-to-crankcase attachment. A. Brunelle. 2,208,660; July 23.
Cylindrical objects, Transportation of. J. M. Moon. 2,218,316; Oct. 15.
Cylindrical work, Milling. A. L. Stone. 2,191,777; Feb. 27.
Cymbal. A. Zildjian. 2,189,095; Feb. 6.
Cynthioforamide in formaldehyde-urea molding compositions. D. E. Cordier. 2,201,027; May 14.
Cysteine sulphinic acid and preparation thereof. T. F. Lavine. 2,212,783; Aug. 27.
d-altronic acid and its salts from sedoheptulose, Production of. C. S. Hudson, N. K. Richtmyer, and R. M. Hann. 2,207,738; July 16.
Dairy appliance. E. Shurts. 2,190,165; Feb. 13.
Dairy equipment. E. Shurts. 2,201,634; May 21.
Dairy product and stabilizer therefor. E. C. Johnston. 2,211,209; Aug. 13.
Dairy products, Treating. V. Conquest and W. Turner. 2,225,553; Dec. 17.
Dam construction and repair. B. C. Collier. 2,217,470; Oct. 8.
Dam forming device. W. H. Silver. 2,196,038; Apr. 2.
Dam forming device. W. H. Silver. 2,205,752; June 25.
Dammer, Roll-over type. A. C. Lindgren. 2,221,550; Nov. 12.
Damming attachment. J. R. Orelind. 2,226,575; Dec. 31.
Damming attachment. J. R. Orelind. 2,227,151; Dec. 31.
Damming attachment. P. C. Seaholm. 2,226,585; Dec. 31.
Damming attachment for cultivators. J. E. Erickson. 2,193,065; Mar. 12.
Damming device. E. V. Collins. 2,202,091; May 28.
Damming device. E. V. Collins. 2,227,124; Dec. 31.
Damming device for listers. C. T. Peacock. Re. 21,675; Dec. 24.
Dampener, Brake hanger. F. Schaefer. 2,199,117; Apr. 30.
Dampener for printing presses. E. C. Grembecki. 2,196,412; Apr. 9.
Damper. J. M. Larson. 2,210,869; Aug. 6.
Damper. C. A. Otto. 2,209,844; July 30.
Damper, Adjustable. C. S. Wheeler. 2,186,353; Jan. 9.
Damper, Anti-back-draft. P. R. Jordan. 2,192,009; Feb. 27.
Dammer attachment for furrow seeders. W. Elliott. 2,193,275; Mar. 12.
Damper bar. P. C. Smith. 2,200,126; May 7.
Damper, Chimney flue. H. S. Woods. 2,218,061; Oct. 15.
Damper construction and remote control therefor. E. O. Young. 2,220,833; Nov. 5.
Damper construction, Fireplace. H. A. Benjamin. 2,194,583; Mar. 26.
Damper control. F. C. Akers. 2,187,767; Jan. 23.
Damper control. Z. Roseman and A. Roth. 2,216,101; Sept. 24.
Damper control. E. O. Young. 2,203,120; June 4.
Damper control, Automatic. G. E. Stringer. 2,224,705; Dec. 10.
Damper control for stokers, Diaphragm. H. C. Carter. 2,189,511; Feb. 6.
Damper control for unit heaters. H. C. Mueller 2,213,092; Aug. 27.
Damper device. F. D. Hoffman. 2,200,248; May 14.
Damper, Draft. P. S. Martin and C. C. Turner. 2,212,298; Aug. 20.
Damper, Fireplace. G. N. Brunander. 2,205,591; June 25.
Damper, Fireplace. J. Koberling. 2,192,381; Mar. 5.
Damper for automatic furnace controls, Vernier quadrant C. H. Lewis. 2,219,629; Oct. 29.
Damper for lime conductors, Torsional. W. B. Buchanan and G. B. Tebo. 2,215,541; Sept. 24.
Damper, Frictionally positioned fireplace. W. A. Hedstrom. 2,207,291; July 9.
Damper guided for translational and polar movement, Dynamic. R. Chilton. 2,225,098; Dec. 17.
Damper, Hydraulic oscillation. P. Draminsky. 2,198,763; Apr. 30.
Damper mechanism. J. Yochem. 2,195,608; Apr. 2.
Damper regulator. P. Spence. 2,211,300; Aug. 13.
Damper regulator for dampers of ventilating ducts. L. W. Guyer. 2,217,479; Oct. 8.
Damper, Torsional-oscillation. H. Stumpp. 2,213,417; Sept. 3.
Damper, Torsional vibration. G. J. Dashefsky. 2,209,960; Aug. 6.
Damper, Torsional vibration. W. L. Fischer. 2,205,401; June 25.
Damper, Torsional vibration. E. O. P. Thege. 2,194,917; Mar. 26.
Damper, Torsional vibration. E. O. P. Thege. 2,205,445; June 25.
Damper, Turbine blade vibration. S. J. Mikina. 2,198,784; Apr. 30.
Damper, Verticle sand. W. S. Mayers. 2,200,558; May 14.
Damper, Vibration. R. R. R. Sarazin. 2,202,967; June 4.

Damper, Vibration, R. R. R. Sarazin. 2,225,929; Dec. 24.
Dampers, Assembling vibration. M. Tibbetts. 2,201,932; May 21.
Damping assembly for watt-hour meters, Adjustable. S. S. Green. 2,209,969; Aug. 6.
Damping means for indicating instruments. E. Fischel. 2,226,902; Dec. 31.
Damping mechanism for lithographic presses. D. M. Rapport. 2,220,278; Nov. 5.
Damping mechanism for oscillating systems. I. Rybár. 2,209,140; July 23.
Damping system. E. W. Kellogg. 2,190,318; Feb. 13.
Damping system for measuring devices. R. M. Rowell. 2,209,236; July 23.
Dampness detecting and indicating device. M. G. Snelling. 2,214,354; Sept. 10.
Dandelion extractor. T. J. Avary. 2,210,440; Aug. 6.
Dandy roll and cylinder mold. P. S. Sinclair. 2,211,081; Aug. 13.
Darkroom device for ophthalmoscopes, Miniature. C. Posner. 2,186,206; Jan. 9.
Dark room for photographic purposes. S. A. Krauser and P. W. Miessler. 2,220,373; Nov. 5.
Dashboard fuse mounting. L. H. Middleton. 2,187,427; Jan. 16.
Data reproducing machine. J. W. Bryce. 2,196,166; Apr. 2.
Data reproducing machine. A. H. Dickinson and R. I. Roth. 2,224,761–5; Dec. 10.
Data system, Visible. S. T. Leaming. 2,226,976; Dec. 31.
Data transcribing machine. L. S. Harrison and E. J. Rabenda. 2,199,541; May 7.
Data transmission and control system. H. H. Willis. 2,203,478; June 4.
Date indicator. R. Elms. 2,213,462; Sept. 3.
Dauber. M. C. Holter. 2,202,907; June 4.
Davit. C. J. Boudreau. 2,196,518; Apr. 9.
Davit, Luffing. M. C. Le Geu. 2,202,457; May 28.
Dead end clamp. L. A. Parnell. 2,196,938; Apr. 9.
Dead-end filter, Tapered band width. H. A. Wheeler. 2,192,991; Mar. 12.
Dead light. J. E. Garabrant. 2,223,170; Nov. 26.
Dealkylation process. A. N. Sachanen and R. C. Hansford. 2,222,632; Nov. 26.
Deburring machine. I. Oppenheim. 2,225,127; Dec. 17.
Decalcomania. F. W. Humphner. 2,185,983; Jan. 2.
Decalcomania. F. W. Humphner. 2,190,405; Feb. 13.
Decalcomania. F. W. Humphner. 2,219,071; Oct. 22.
Decalcomania. F. W. Humphner. 2,225,536; Dec. 17.
Decalcomania and preparing same. J. W. Kaber. 2,190,210; Feb. 13.
Decalcomania transfer. B. Asnes. 2,216,289; Oct. 1.
Decanter holding device. A. Cravaritis. 2,205,922; June 25.
Deck for supporting vehicles in freight cars. W. H. Mussey. 2,213,501; Sept. 3.
Deck hoisting gear. H. Brown. 2,222,066; Nov. 19.
Deck support, Automatic. R. L. McKinney. 2,216,445; Oct. 1.
Decolorizing and filtering agent. R. W. Schmidt. 2,219,581; Oct. 29.
Decorating machine. R. S. Davis. 2,209,688; July 30.
Decorating machine. E. W. Hamant and G. von Webern. 2,202,692; May 28.
Decorations and of printing on enamel and glazes, Formation of colored. E. P. Schlegel. 2,226,913; Dec. 31.
Decorative container. I. C. Reynolds. 2,188,817; Jan. 30.
Decorative device. J. C. Koonz. 2,199,434; May 7.
Decorative figure. M. Bates. 2,208,445; July 16.
Decorative material. M. J. Schifrin. 2,204,776; June 18.
Decorative object. N. G. and W. J. Keller. 2,221,194; Nov. 12.
Decorative unit, Illuminated. E. J. Graf. 2,197,040; Apr. 16.
Decorticating machine. A. Burkardt. 2,222,793; Nov. 26.
Decorticating machine. A. F. Burkhardt. 2,197,683; Apr. 16.
Decoy. C. L. Armstrong. 2,222,996; Nov. 26.
Decoy. L. J. Boutin. 2,227,242; Dec. 31.
Decoy. J. C. Fox. 2,201,164; May 21.
Decoy. W. C. Pearce. 2,196,078; Apr. 2.
Deep well pump. J. W. Chambers. 2,187,679; Jan. 16.
Deep well pump. D. W. Hoferer. 2,206,461; July 2.
Deep well pump. E. O. Holmberg. 2,220,334; Nov. 5.
Deep well pump. A. G. Miller. 2,215,558; Sept. 24.
Deep well pump. B. H. Scott. 2,194,154; Mar. 19.
Deep well pump. H. Starbuck. 2,213,807; Sept. 3.
Deep well tool. I. Thomas. 2,191,000; Feb. 20.
Defecator. W. C. Groeniger. 2,212,538; Aug. 27.
Defecator with combined flushing jet and air break. W. C. Groeniger. 2,202,628; May 28.
Defecator with universal wall of floor outlet connection. W. C. Groeniger. 2,212,518; Aug. 27.
Defect card holder. S. H. Campbell and F. H. Pietzsch. 2,210,063; Aug. 6.
Defect card holder. A. B. McNabb. 2,195,654; Apr. 2.
Deflecting bit. E. L. Potts. 2,196,940; Apr. 9.
Deflecting device. K. Schlesinger. 2,226,990; Dec. 31.
Deflecting tool. F. W. Sharp. 2,196,944; Apr. 9.
Deflector for automobiles, Wind. W. L. Morrison. 2,197,810; Apr. 23.

Deflector for belt conveyer systems, Discharge. F. Griffith. 2,213,392; Sept. 3.
Deflector for close coupled oil burners. R. F. Andler and L. W. Schroeder. 2,197,912; Apr. 23.
Deflector for close coupled oil burners. R. F. Andler and L. W. Schroeder. 2,205,456; June 2.
Deflector for sheet feeding mechanism. M. S. Gudger. 2,225,005; Dec. 17.
Deflector for windshields. F. C. Martin. 2,223,378; Dec. 3.
Deformation and resilience apparatus. H. W. Dietert. 2,186,824; Jan. 9.
Defroster, Windshield. H. W. Fink. 2,214,165; Sept. 10.
Defrosting device. H. H. McAdam. 2,219,393; Oct. 29.
Defrosting system. C. B. Wilcox. 2,215,414; Sept. 17.
Degassing apparatus. K. C. D. Hickman. 2,197,539; Apr. 16.
Degermination process. C. R. Brown. 2,190,095; Feb. 13.
Deglazing machine for leather shoes. G. L. Hite. 2,223,254; Nov. 26.
Degreasing. M. Y. Seaton. 2,220,124–5; Nov. 5.
Degreasing apparatus. G. Wolff. 2,207,186; July 9.
Degreasing apparatus. G. Wolff. 2,219,028; Oct. 22.
Degreasing apparatus and the like. C. F. Dinley. 2,214,788; Sept. 17.
Degreasing means. E. L. Blakeslee. 2,223,595; Dec. 3.
Dehairing device. J. Gonsor. 2,204,755; June 18.
Dehairing machine. S. J. Marquardt. 2,201,297; May 21.
Dehumidifier, Centrifugal. M. P. Youker. 2,187,066; Jan. 16.
Dehumidifying system. A. R. Thomas. 2,223,586; Dec. 3.
Dehydrating process. F. Y. Chuck. 2,227,246; Dec. 31.
Dehydrating system. J. M. Hall. 2,216,815; Oct. 8.
Dehydration. D. McDonald. 2,187,208–9; Jan. 16.
Dehydration apparatus, Mechanical. E. F. Allen. 2,196,650; Apr. 9.
Dehydration system for oil wells. R. Stewart. 2,188,018; Jan. 23.
Dehydrator. J. E. Gray. 2,199,258; Apr. 30.
Dehydrator. G. J. Henry. 2,225,990; Dec. 24.
Dehydrator and roller mill, Mechanical. E. F. Allen. 2,196,651; Apr. 9.
De-icing apparatus for airplanes. W. C. Clay. 2,217,670; Oct. 15.
Deicing mechanism. R. H. Burgess. 2,201,155; May 21.
De-icing mechanism. R. H. Burgess. 2,214,919; Sept. 17.
Deicing system, Automatic carburetor. E. C. Sulzman. 2,208,689; July 23.
Delay composition. L. A. Burrows and W. E. Lawson. 2,185,371; Jan. 2.
Delayed action switch. A. Josephson. 2,188,685; Jan. 30.
Delayed action switch. E. O. Spillman. 2,216,760; Oct. 8.
Delivery car. H. R. Smith. 2,225,802; Dec. 24.
Delivery control. W. E. Hamlin. 2,202,420; May 28.
Delivery for tobacco strippers. R. E. Rundell. 2,195,427; Apr. 2.
Delivery mechanism for automatic machines. A. Schulze. 2,210,386; Aug. 6.
Delivery mechanism of tea-bag closing machines. A. Keller. 2,224,021; Dec. 3.
Delivery valve. A. Carrillo. 2,190,255; Feb. 13.
Delivery vehicle, Sitting drive. J. Nicol. 2,203,599; June 4.
Δ4-pregnenol-20-one-3 and intermediates obtained therein, Preparation of. E. Schwenk, B. Whitman, and G. A. Fleischer. 2,212,104. Aug. 20.
Δ_1-alkenyl malonic esters and producing same, Secondary. A. C. Cope. 2,188,874; Jan. 30.
Δ1-alkenyl malonic esters, Producing primary. A. C. Cope. 2,222,455; Nov. 19.
Demagnetization. T. Zuschlag. 2,207,392; July 9.
Demonstration device. R. L. Johnson, R. F. Knapp, P. Cooper, and E. J. Lyon. 2,205,692; June 25.
Demonstrator. W. F. Peck and J. Y. Taylor. 2,217,991; Oct. 15.
Demountable wheel. L. V. Pettinati. 2,192,064; Feb. 27.
Denaturant. H. M. Kvalnes. 2,192,136; Feb. 27.
Denaturant. H. M. Kvalnes. 2,196,152; Apr. 2.
Denaturant. H. M. Kvalnes. 2,209,900; July 30.
Denaturant. J. C. Woodhouse. 2,192,119–20; Feb. 27.
Denatured materials. H. M. Kvalnes. 2,192,137; Feb. 27.
Densimeter. J. B. Devenish. 2,211,748; Aug. 20.
Density control. J. A. Adams. 2,205,678; June 25.
Density responsive device. G. E. Beardsley, Jr., and J. S. Hasbrouck. 2,185,578; Jan. 2.
Dental alloy. J. Spanner. 2,226,079; Dec. 24.
Dental amalgamator. E. L. Chott. 2,201,428; May 21.
Dental apparatus, Unitary. A. F. Pieper. 2,214,774–5; Sept. 17.
Dental appliance. N. G. Kaye. 2,224,967; Dec. 17.
Dental casting apparatus. H. R. Berger. 2,209,381; July 30.
Dental casting apparatus. G. A. Yantis. 2,219,538; Oct 29.
Dental casting machine. A. P. Vickers. 2,202,473; May 28.
Dental cleaning spray. W. J. Hooper. 2,208,032; July 16.
Dental contourlator. J. E. Argue. 2,216,307; Oct. 1.

Dental controller. A. W. Hiller. 2,200,621; May 14.
Dental crown and forming same. S. Streim. 2,219,058; Oct. 22.
Dental device. G. M. Hollenback. 2,203,089; June 4.
Dental device. C. D. Mastrud. 2,201,190; May 21.
Dental equipment assemblage. R. C. Angell. 2,214,316; Sept. 10.
Dental filling matrix and method. I. E. Siqveland. 2,217,237; Oct. 8.
Dental floss holder. J. B. Beach. 2,187,442; Jan. 16.
Dental floss holder. M. C. Meyer. 2,197,345; Apr. 16.
Dental floss holder. H. W. Munro. 2,217,917; Oct. 15.
Dental floss holder. G. Summerbell. 2,207,953; July 16.
Dental floss throw-away unit. I. Henne. 2,187,899; Jan. 23.
Dental furnace, Electric. B. Fëron. 2,210,483; Aug. 6.
Dental hand piece. J. H. Blair. 2,188,426; Jan. 30.
Dental handpiece, Angle. P. R. Skinner. 2,194,187; Mar. 19.
Dental handpiece, Contra-angle. H. H. Beardsley. 2,195,555; Apr. 2.
Dental impression mold. L. W. Evans. 2,202,577; May 28.
Dental instrument. J. L. Kelly. 2,211,952; Aug. 20.
Dental investment material. T. E. Moore. 2,222,781; Nov. 26.
Dental massaging, cleaning, and medicating device. C. J. F. Jackson. 2,189,175; Feb. 6.
Dental matrix adjuster and container. M. Strell. 2,218,774; Oct. 22.
Dental partial plate holder. C. D. Kreps. 2,187,457; Jan. 16.
Dental plate case. E. Sabattis. 2,196,566; Apr. 9.
Dental plates, etc., Device for cleaning and polishing. R. F. H. Mueller. 2,210,094; Aug. 6.
Dental polishing machine. L. N. Pelkey. 2,202,299; May 28.
Dental powder dispenser. O. M. Polkingharn. 2,210,776; Aug. 6.
Dental pulp tester. R. H. Brockman. 2,204,295; June 11.
Dental radiographs, Method of and apparatus for making. A. de Weal. 2,193,993; Mar. 19.
Dental tool holder. D. D. Levy. 2,215,222; Sept. 17.
Dental unit, Mobile. G. E. Froelich. 2,209,294; July 23.
Dentrifrice. C. B. Durgin. 2,211,369; Aug. 13.
Dentifrice. R. A. Kuever. 2,216,816; Oct. 8.
Dentifrice. H. D. Long. 2,216,821; Oct. 8.
Dentifrice. A. L. Schulerud. 2,196,154; Apr. 2.
Dentistry, Method and means for use in. J. S. Miller and C. R. Waller. 2,204,809; June 18.
Dentist's device. M. Jeanneret. 2,224,264; Dec. 10.
Denture, Artificial. R. Klicka. 2,203,226; June 4.
Denture connector. H. M. Cleven. 2,224,511; Dec. 10.
Denture demonstrating apparatus. G. H. Burtenshaw. 2,203,891; June 11.
Denture press, Dry heat thermoplastic. F. Taub. 2,217,390; Oct. 8.
Dentures, Making. A. H. Chenoweth. 2,225,857; Dec. 24.
Dentures, Molding. R. W. Erdle. 2,192,902; Mar. 12.
Depilatory. W. B. Stoddard and J. Berlin. 2,199,249; Apr. 30.
Depitching apparatus. O. E. Andrus. 2,196,846; Apr. 9.
Depolarizer for electric primary cells and making the same. E. Nossen. 2,215,530; Sept. 24.
Depolarizer from natural pyrolusite, Manufacturing a highly active. C. Rossetti. 2,186,929; Jan. 9.
Depositing machine. E. G. Jurgens and H. K. Becker. 2,217,020; Oct. 8.
Depositing machine. R. J. Oswalt. 2,202,917; June 4.
Deodorant. J. W. Orelup, S. and E. Ohlsson. 2,226,177; Dec. 24.
Deodorizing apparatus. W. E. Burrows. 2,221,940; Nov. 19.
Depression of gangue during flotation. R. B. Booth. 2,211,686; Aug. 13.
Depth gauge. C. H. and R. C. Allen. 2,210,560; Aug. 6.
Depth stop for countersinking, boring, drilling, and similar devices. C. Schmidt. 2,216,988; Oct. 8.
Derivative of hexamethylene-dithio-carbamic acid. I. Williams. 2,187,719; Jan. 23.
Derivatives of acetopropane, Halogenated. E. R. Buchman. 2,223,885; Dec. 3.
Derivatives of alcohol amine condensation products. W. Kritchevsky. 2,192,664; Mar. 5.
Derivatives of B-(P-hydroxyphenyl)-isopropylamine. G. Hildebrandt. 2,223,686; Dec. 3.
Derivatives of cellulose, Purification of organic substitution. H. E. Martin and D. A. Ensor. 2,188,392; Jan. 30.
Derivatives of dyestuffs and making the same, Amide like. C. Graenacher, J. Gyr, O. Kaiser, F. Ackermann, and H. Gruengger. 2,218,952; Oct. 22.
Derivatives of 4-aminobenzenesulphonamides and manufacture of the same. K. Warnat. 2,192,490; Mar. 5.
Derivatives of the cyclopentanopolyhydrophenanthrene, Preparing. M. Bockmühl, G. Ehrhart, H. Ruschig, and W. Aumüller. 2,188,870; Jan. 30.
Derivatives of the vitamin E, Preparing crystallized. C. L. Lautenschlager and F. Lindner. 2,188,878; Jan. 30.
Derivatives of 2-phenylquinoline 4-carboxylic acid and producing same, Iodized hydroxy. M. Dohrn and P. Diedrich. 2,220,086; Nov. 5.
Derrick. J. F. Chappell. 2,187,392; Jan. 16.
Derrick. C. L. Henry. 2,200,775; May 14.
Derrick. C. L. Henry. 2,225,561; Dec. 17.
Derrick base. A. D. Rhodes. 2,194,124; Mar. 19.
Derrick construction. L. A. Rawson. 2,191,681; Feb. 27.
Derrick, Portable. C. L. Henry. 2,210,407; Aug. 6.
Derrick, Portable. C. White, Jr. 2,204,713; June 18.
Derrick, Structural steel. J. H. Wilson. 2,221,067; Nov. 12.
Derrick structure. H. H. Franks. 2,215,920; Sept. 24.
Derrick, Transfer. E. Wonsyld. 2,213,540; Sept. 3.
Desalting system. G. A. Jennings. 2,221,518; Nov. 12.
Deseaming and desurfacing process. J. H. Bucknam. 2,215,577; Sept. 24.
Desiccating device. E. C. Merrill. 2,196,021; Apr. 2.
Designation transmitter. H. M. Bascom. 2,190,307; Feb. 13.
Designs in polorazing material, Forming. E. H. Land. 2,204,604; June 18.
Designs, Method and article for producing shaded. W. Swaysland. 2,197,015; Apr. 16.
Designs on leather, Producing. W. Helburn. 2,217,314; Oct. 8.
Designs, Production of colored or pictorial. A. J. G. Gibbs. 2,217,270; Oct. 8.
Desizing. S. I. Garnett. 2,185,548; Jan. 2.
Desk. C. T. Anderson. 2,215,657; Sept. 24.
Desk. A. Balster. 2,186,316; Jan. 9.
Desk. E. S. Cain. 2,223,405; Dec. 3.
Desk. J. R. Jones and C. L. Elofson. 2,210,721; Aug. 6.
Desk. H. J. Zottel. 2,225,243; Dec. 17.
Desk attachment for mailbag holding racks. H. R. Johnson. 2,195,148; Mar. 26.
Desk construction. I. B. Hall. 2,188,897; Feb. 6.
Desk construction. B. E. Richardson and R. W. Willey. 2,191,290; Feb. 20.
Desk for use with dictaphone transcribing devices, Typewriter. J. S. Burdick and C. S. Fairbank. 2,220,475; Nov. 5.
Desk lamp. P. N. Cloutier. 2,220,215; Nov. 5.
Desk lamp. F. Craib. 2,199,985; May 7.
Desk or cabinet, Typewriter or the like. J. R. Jones, V. A. Gronberg, and L. M. Hultberg. 2,224,020; Dec. 3.
Desk top, False. O. Olston. 2,227,150; Dec. 31.
Desk, Typewriter. J. S. Burdick and C. S. Fairbank 2,219,762; Oct. 29.
Desk with typewriter attachment, Office. M. Fox. 2,214,526; Sept. 10.
Detachable box handle. R. W. Chapman. 2,198,244; Apr. 23.
Detachable electric connector. G. O. and G. K. Robinson. 2,206,124; July 2.
Detachable fastener. F. A. Oddie. 2,200,702; May 14.
Detachable handle. E. J. Veeder. 2,208,741; July 23.
Detachable pipe coupling. R. J. Bean. 2,196,622; Apr. 9.
Detachable retaining means. S. M. Ward. 2,200,812; May 14.
Detecting mechanism for sole grading machines. D. Parks. 2,204,820; June 18.
Detecting system. W. T. Wintringham. 2,186,130; Jan. 9.
Detector. W. Kleen. 2,218,989; Oct. 22.
Detector circuit. S. Hunt. 2,226,932; Dec. 31.
Detector circuit, Degenerative audio. S. Hunt. 2,194,552; Mar. 26.
Detector for cigar machines. J. W. Warren. 2,226,234; Dec. 24.
Detector for cigar machines, Defective-cigar-bunch. L. Ferenci. 2,192,903; Mar. 12.
Detents, Forming. Le R. F. Densmore. 2,216,878; Oct. 8.
Detergent. F. W. Muncie and K. L. Russell. 2,204,433; June 11.
Detergent aid. L. A. Mikeska. 2,213,588; Sept. 3.
Detergent aid and preparing the same. H. O. Mottern. 2,192,713; Mar. 5.
Detergent aids and methods of producing same from tetraisobutylene. L. A. Mikeska. 2,192,689; Mar. 5.
Detergent and emulsifying agent. F. W. Muncie. 2,209,634; July 30.
Detergent and making it. J. Ross. 2,195,581; Apr. 2.
Detergent and making same. E. E. Dreger and J. Ross. 2,195,512; Apr. 2.
Detergent composition. R. W. Maxwell. 2,202,741; May 28.
Detergent composition and manufacturing same. L. P. Kyrides. 2,218,472; Oct. 15.
Detergent composition simulating olive oil soaps. S. Z. Avedikian. 2,187,536; Jan. 16.
Detergent dispenser for washing machines. N. W. Halsey. 2,226,096; Dec. 24.
Detergents, Manufacture of. J. F. Olin. 2,203,696; June 11.
Detergents, Preparing. J. Ross and J. E. Mitchell. 2,203,443; June 4.
Detinning. A. Vollmer. 2,200,782; May 14.
Detonation suppression system for internal combustion engines. W. J. D. van Dijck, J. J. Broeze, L. A. Peletier, and H. van Driel. 2,220,558; Nov. 5.
Detonator. S. B. Large and G. F. Rolland. 2,195,032; Mar. 26.
Detonator. F. A. Witt. 2,208,780; July 23.
Detonator, Electric. G. De Benedetti. 2,192,542; Mar. 5.
Detonator, Electric. L. B. Woodworth. 2,226,988; Dec. 31.

Developer containing amines, Color forming. L. D. Mannes and L. Godowsky, Jr. 2,191,037; Feb. 20.
Developer containing sulphonamide groups. A. Weissberger. 2,193,015; Mar. 12.
Developer for photocopying machines. R. H. Fullerton. 2,223,208; Nov. 26.
Developing apparatus. L. D. Andrews. 2,185,620; Jan. 2.
Developing composition. W. O. Herrmann and W. Haehnel. 2,215,551; Sept. 24.
Developing device. K. Lange. 2,203,963; June 11.
Developing device for light-sensitive paper. W. Kunstadter. 2,200,451; May 14.
Developing tank. F. Moore. 2,187,948; Jan. 23.
Deviation indicator. W. Vonschott. 2,203,708; June 11.
Device adapted for daylight projection, Portable. K. Kallusch. 2,225,012; Dec. 17.
Device and method for handling eggs. R. C. Potts. 2,191,061; Feb. 20.
Device and method for treating fingernails. F. Neuschaefer. 2,225,567; Dec. 17.
Device attachment. M. M. Clayton. 2,187,222; Jan. 16.
Device comprising blocks of sheets of paper or the like for the representation of animated pictures. C. Civita. 2,218,084; Oct. 15.
Device employed in the conversion of electrical energy into acoustic energy and vice versa. R. G. Tahon. 2,219,729; Oct. 29.
Device for accelerating electrons to very high velocities. G. W. Penney. 2,193,602; Mar. 12.
Device for acetylene generators. H. Holler and O. Mues. 2,208,867; July 23.
Device for aiding osteopathic manipulators. C. H. Kauffman. 2,217,445; Oct. 8.
Device for and method of attaching heels to shoes. W. R. Howard. 2,220,957; Nov. 12.
Device for applying cosmetics. C. A. Mureau. 2,214,144; Sept. 10.
Device for applying fastening means. A. V. Cullen. 2,212,339; Aug. 20.
Device for applying strips. T. H. Krueger. 2,202,314; May 28.
Device for applying treating material to leather. P. Bolhofner and T. Koch. 2,203,250; June 4.
Device for assembling ball bearings. P. C. Booty, Jr. 2,204,655; June 18.
Device for assembling plates or other superposed pieces. J. J. Blanc. 2,187,929; Jan. 23.
Device for attaching lures to fish lines. M. J. Domagala. 2,216,487; Oct. 1
Device for automatically maintaining the carbonating agent in carbonated beverages. E. F. Gamble and F. N. Towle. 2,199,661; May 7.
Device for boiling liquids without overflow. W. S. Heffernan. 2,198,533; Apr. 23.
Device for breaking froth. H. Kühni. 2,206,507; July 2.
Device for bringing the stock stream upon the screen of a paper making machine. W. Thaler. 2,203,802; June 11.
Device for burning liquid fuel. C. W. Davis and W. B. Engh. 2,213,386; Sept. 3.
Device for clamping together pieces of sheet material to facilitate riveting and the like operations. A. Verdon-Roe. 2,188,450; Jan. 30.
Device for cleaning balls. C. E. Haskins. 2,195,303; Mar. 26.
Device for cleaning surfaces. G. W. Fouke. 2,220,401; Nov. 5.
Device for cleaning toilet hoppers and the like. E. M. Ries. 2,214,972; Sept. 17.
Device for cleaning type matrices. G. C. Coleman and H. Foster. 2,222,068; Nov. 19.
Device for cleaning waste pipes. T. Mosley. 2,202,116; May 28.
Device for collecting and removing slag in open hearth furnaces. J. Matela. 2,202,706; May 28.
Device for compelling a gyroscope to remain vertical. C. Mellier. 2,198,551; Apr. 23.
Device for compensating the pressure in water decomposers. A. von Pichler-Tennenberg. 2,208,352; July 16.
Device for compressing materials of or into a more or less viscid condition. A. Sonsthagen. 2,203,549; June 4.
Device for control and operation by fluid servo-motor. G. Fleischel. 2,203,296; June 4.
Device for control of the cutting speed of machine tools. P. Riegger. 2,209,037; July 23.
Device for controlling the flow of liquids. W. F. Peterson and A. U. Walter. 2,188,761; Jan. 30.
Device for controlling vertically sliding windows. W. Young. 2,198,751; Apr. 30.
Device for conveying and counting packages. W. Brunnhoelzl. 2,212,507; Aug. 27.
Device for copying films. J. J. Hardenberg. 2,199,175; Apr. 30.
Device for curing and cooling burned materials in rotary kilns. C. T. West and M. Treshow. 2,187,922; Jan. 23.
Device for curing ingrowing toenails. E. Schmidthofer. 2,202,926; June 4.
Device for cutting or scoring necks of bottles. A. J. McGann. 2,209,701; July 30.
Device for cutting, shredding, and grating vegetables. A. Widuch. 2,208,654; July 23.
Device for delivering measured quantities of liquids. F. W. and A. G. Berwick. 2,198,524; Apr. 23.
Device for depicting characters. L. Budd. 2,222,757; Nov. 26.
Device for depositing chemicals. S. P. Hart. 2,223,936; Dec. 3.
Device for determining pressure in gun bores. J. W. Moseman. 2,212,547; Aug. 27.
Device for differentiating and indicating the relative occurrences of a sequence of events. L. M. Prince. 2,206,827; July 2.
Device for discouraging thumb sucking. F. G. Tiedemann. 2,209,860; July 30.
Device for dispensing liquids, granulated products, and the like. J. R. Ayotte. 2,187,927; Jan. 23.
Device for dispensing measured quantities of divided solid material. E. J. Barnett. 2,205,129; June 18.
Device for drawing rovers in speeders and spinning machines. H. O. Hess. 2,211,117; Aug. 13.
Device for dressing screw-thread-grinding disks. H. Brendel and E. Buchholz. 2,213,665; Sept. 3.
Device for driving boards, planks, or the like into the ground. J. E. R. Simons, and E. L. and A. Brice. 2,190,387; Feb. 13.
Device for driving posts and stakes into the ground. E. L. Brice. 2,225,765; Dec. 24.
Device for dry separation of precious metals from finely divided material. L. E. Bigelow. Re. 21,653; Dec. 10.
Device for drying and preserving razor blades. B. G. Eaves. 2,222,020; Nov. 19.
Device for drying hair. R. A. McClure. 2,189,430; Feb. 6.
Device for eliminating gas lock in pumps. R. L. Ralston. 2,219,635; Oct. 29.
Device for enabling cleaning of vacuum cleaner dust bags. C. M. Richter. 2,199,859; May 7.
Device for facilitating the discharge for gas under pressure. H. Coanda. 2,198,655; Apr. 30.
Device for facilitating the lifting of a body. T. C. Torines. 2,192,821; Mar. 5.
Device for filing circular saws. V. M. Taylor. 2,199,324; Apr. 30.
Device for filling ampoules and the like. H. Erdmann and W. Voetter. 2,219,544; Oct. 29.
Device for filling tank trucks and the like. J. H. Earl. 2,192,736; Mar. 5.
Device for forming a biopsy. H. Turkel. 2,219,605; Oct. 29.
Device for gauging and adjusting springs. A. E. Summers. 2,200,348; May 14.
Device for gauging and sampling liquids in closed containers. H. O. Parsons. 2,215,594; Sept. 24.
Device for generating a beam of ions of high velocity. H. I. Kallmann and E. Kuhn. 2,213,140; Aug. 27.
Device for generating a beam of ions of high velocity. H. I. Kallmann and E. Kuhn. 2,215,155; Sept. 17.
Device for grilling and other cooking operations. P. Bornkessel. 2,196,175; Apr. 9.
Device for grinding eccentricity in pistons. E. Edwin and M. Peterson. 2,189,242; Feb. 6.
Device for guidance in parking trailers. B. Cater. 2,214,161; Sept. 10.
Device for handling aircraft. R. H. Fleet, W. B. Wheatley, and I. M. Laddon. 2,204,546; June 18.
Device for handling aircraft. R. H. Fleet, W. B. Wheatley, and I. M. Laddon. 2,217,362; Oct. 8.
Device for handling cartons and the like. C. W. Davis. 2,217,731; Oct. 15.
Device for hanging trip line corner blocks. J. W. Forrester. 2,204,211; June 11.
Device for heating tablets of resinous molding compositions. A. Fuchs. 2,223,034; Nov. 26.
Device for holding curtains, tiebacks, etc. M. C. Ross. 2,224,772; Dec. 10.
Device for holding frames while mounting lenses. G. S. Caldwell. 2,210,360; Aug. 6.
Device for honing cylindrical surfaces. H. S. Indge. 2,213,027; Aug. 27.
Device for illuminating microscopic objects. B. Gerstenberger, M. Hübschmann, and R. Richter. 2,206,180; July 2.
Device for indexing, selecting, and classifying flat sheets, cards, and similar articles. A. Gruenhut. 2,217,744; Oct. 15.
Device for indicating changes of direction in vehicles. M. Geijo and A. Barreda. 2,227,338; Dec. 31.
Device for indicating freezing temperature of liquids. F. F. Vogel. 2,211,394; Aug. 13.
Device for indicating the resultant of two selectively combined items. J. W. Pickworth. 2,221,924; Nov. 19.
Device for inflating balloons and the like. A. W. Carlson. 2,218,931; Oct. 22.
Device for injecting fluids into the soil. C. H. and C. O. McDannel. 2,218,652; Oct. 22.
Device for inking in the copper cylinder in intaglio printing. K. Klinger. 2,226,311; Dec. 24.
Device for inserting necks in box bodies. J. Schmiedel. 2,220,459; Nov. 5.
Device for installing and removing electric light bulbs. J. C. Lampe. 2,196,635; Apr. 9.
Device for instructing in playing card games. H. Thorne. 2,200,195; May 7.

Device for interchanging empty bobbins for full bobbins in winding machines. W. Siegenthaler. 2,225,848; Dec. 24.
Device for kindling fires. A. J. Johnson. 2,192,732; Mar. 5.
Device for laying pipe at an oil rigging. C. A. Doud. 2,201,813; May 21.
Device for leveling shoe soles. J. Tweedie. 2,216,256; Oct. 1.
Device for lifting the uppermost sheet from a pile. G. Spiess. 2,224,802; Dec. 10.
Device for loading film casettes. W. Stein. 2,205,052; June 18.
Device for logarithmic measurement of voltages. R. K. Hellmann. 2,220,602; Nov. 5.
Device for lubricating rotating cutter blades. C. H. Coolidge. 2,205,617; June 25.
Device for maintaining the bend of the tips of ski. L. Burch. 2,191,641; Feb. 27.
Device for making pile fabrics. L. C. and L. P. Miller. 2,226,632; Dec. 31.
Device for matching or sorting objects. F. S. Wheeler. 2,196,405; Apr. 9.
Device for measuring fuel consumption. H. J. Zimmermann. 2,191,552; Feb. 27.
Device for measuring lengths. A. Pampel and K. M. Harder. 2,208,910; July 23.
Device for measuring lengths on an electro-magnetic base. M. Kruse. 2,219,708; Oct. 29.
Device for measuring liquids. L. J. A. Cadet. 2,200,154; May 7.
Device for measuring torsional vibration. H. J. Schrader. 2,208,648; July 23.
Device for multiplying the rotation of a shaft. M. Lacharité and L. M. Sauvé. 2,212,321; Aug. 20.
Device for opening and closing vehicle and like windows. P. and K. Mommer. 2,219,527; Oct. 29.
Device for opening and resealing cartons. H. Kott. 2,216,884; Oct. 8.
Device for opening cigarette packages. E. Locker. 2,194,707; Mar. 26.
Device for operating automobile horns. E. Dirrig. 2,227,250; Dec. 31.
Device for operating on shoes. L. J. Bazzoni. 2,188,972; Feb. 6.
Device for ozonizing refrigerators. K. Abraham. 2,212,109; Aug. 20.
Device for pasteurizing liquids. R. Rüttimann. 2,215,729; Sept. 24.
Device for placing bag covers over garments. D. J. McCarty. 2,226,173; Dec. 24.
Device for polishing shoes. J. W. Dougherty. 2,209,812; July 30.
Device for preserving local anesthetic solutions. J. A. Saffir. 2,215,479; Sept. 24.
Device for preventing the escape of fluid under pressure. J. S. Donaldson. 2,222,654; Nov. 26.
Device for preventing the refilling of bottles and the like. L. Amaru. 2,200,761; May 14.
Device for producing a sound track. J. H. Saueressig. 2,221,007; Nov. 12.
Device for producing cops. W. Reiners, G. Kahlisch, and S. Fürst. 2,221,999; Nov. 19.
Device for producing current pulses. H. L. Mills. 2,225,227; Dec. 17.
Device for producing pictorial representations. F. Kroner. 2,220,527; Nov. 5.
Device for producing separable fasteners. J. and J. Püschner. 2,188,985; Feb. 6.
Device for producing staple fiber yarns from continuous filaments. J. E. Halin. 2,221,869; Nov. 19.
Device for producing vibrations. H. List. 2,220,164; Nov. 5.
Device for protection against poison gases. L. Granger. 2,195,563; Apr. 2.
Device for protection of banks against robberies. A. Widuch. 2,194,061; Mar. 19.
Device for purifying, cooling, and mixing gases. M. Aurig. 2,208,743; July 23.
Device for putting new toe coverings on shoes. I. Guss. 2,191,230; Feb. 20.
Device for recoil control. R. H. S. Hughes. 2,192,081; Feb. 27.
Device for recovering cores from boreholes. A. G. H. Straatman. 2,220,554; Nov. 5.
Device for reducing sidewear upon belts in pulleys. J. J. Neuman. 2,220,848; Nov. 5.
Device for regulating the action of brakes. H. Briand. 2,209,149; July 23.
Device for regulating the feed to machines for treating fibrous material. F. Mutter. 2,205,304; June 18.
Device for regulating the speed of electric motors. K. -G. Allstrom. 2,196,434; Apr. 9.
Device for regulating the speed of electric motors. M. Renaud. 2,216,501; Oct. 1.
Device for removing and replacing piston rings. H. W. Kulp. 2,195,216; Mar. 26.
Device for removing drills or other articles from their shafts. R. A. Bedford. 2,217,152; Oct. 8.
Device for removing dust from clothes. H. R. Mitchell. 2,205,599; June 25.
Device for removing foreign matter from belts. H. J. Thornton. 2,216,304; Oct. 1.
Device for removing plaster casts or bandages. J. M. Eerhard, C. Eerhard, and C. J. Aandewiel. 2,220,223; Nov. 5.
Device for removing starfish and other parasites from mollusk beds. J. B. Jackson and J. A. McKinnon. 2,217,412; Oct. 8.
Device for reproducing letters, figures, or other characters. C. H. Benedict. 2,199,277; Apr. 30.
Device for reproduction of instantaneous occurrences. W. Flechsig. 2,213,761; Sept. 3.
Device for scraping the knives of slicing machines. M. Brustowsky. 2,187,801; Jan. 23.
Device for securing edging strips to boxes. K. E. P. Jorke. 2,213,707; Sept. 3.
Device for securing electric conductors to an insulator. G. Haour. 2,224,960; Dec. 17.
Device for setting and holding pins for games. C. O. Beck and W. H. Degge. 2,187,995; Jan. 23.
Device for sharpening cloth cutting machine blades. S. Trantino. 2,186,507; Jan. 9.
Device for sharpening phonograph needles. M. W. Ambrose. 2,206,932; July 9.
Device for slotting cards. L. L. McCart. 2,225,313; Dec. 17.
Device for sluicing bodies into vacuum chambers. H. O. Müller. 2,215,794; Sept. 24.
Device for spraying printed sheets. A. Büttner. 2,215,389; Sept. 17.
Device for subdividing fused calcium carbide. E. Winter, F. Luckerath, and P. Windelband. 2,208,919; July 23.
Device for supplying fastener elements. J. Lindner. 2,217,121; Oct. 8.
Device for supporting coke-oven doors while the doors are being cleaned, adjusted, or repaired. R. F. Krall, M. H. McEwan, and W. G. Buchanan. 2,219,628; Oct. 29.
Device for supporting plates in tank construction. W. S. Cole. 2,216,701; Oct. 1.
Device for surveying drilled holes. A. T. Cooper and L. F. Valentine. 2,219,512; Oct. 29.
Device for taking up railways. R. C. Shipp. 2,223,534; Dec. 3.
Device for teaching the art of sailing a boat. S. W. Roussearu. 2,208,083; July 16.
Device for testing the rupturing strength of sheet material. S. N. Senna. 2,186,213; Jan. 9.
Device for testing visual acuity. R. A. Sherman. 2,196,904; Apr. 9.
Device for the application of rouging lacquer, medical appliances, and the like. L. Szücs and E. Stecklmacher (now known as E. Steel). 2,195,472; Apr. 2.
Device for the automatic partition in varying dimensions for advancing the reams of paper in paper-cutting machines. E. Langenhagen. 2,198,732; Apr. 30.
Device for the development of light sensitive materials. A. Schade and J. Horn. 2,208,106; July 16.
Device for the formation of a cigarette rod. P. J. Herrmann. 2,206,699; July 2.
Device for the heating of flowing liquids such as rubber latex. R. A. Dufour and H. A. Leduc. 2,188,625; Jan. 30.
Device for the mounting of an engine, or like apparatus on its support. E. P. and L. J. Renaux. 2,198,842; Apr. 30.
Device for the prevention of accidents due to overtiredness. A. V. Sequin and R. Hirt. 2,210,330; Aug. 6.
Device for the progressive teaching of arithmetic. C. Stern. 2,206,294; July 2.
Device for the regulation of the oil feed in oil furnaces. E. Sprenger. 2,196,430; Apr. 9.
Device for the simultaneous sterilization of a nursing bottle and its nipple. G. Lambert. 2,204,683; June 18.
Device for the support of articles. R. J. Hoenigsberg. 2,222,665; Nov. 26.
Device for topping knitted fabric. G. H. Dietrich, A. Verbeek, and E. Eissner. 2,223,510; Dec. 3.
Device for transferring liquids in vacuum. H. J. McCreary. 2,192,140; Feb. 27.
Device for treating storage battery cell covers. O. O. Rieser. 2,212,402; Aug. 20.
Device for uncoiling coils of sheet material. F. J. Wood. 2,218,499; Oct. 22.
Device for use in twisting threads. A. E. Sunderland. 2,189,257; Feb. 6.
Device for varying the current flow in an electric circuit. R. L. Wilcox. 2,186,222; Jan. 9.
Device for viewing the interiors of heated enclosures. W. T. Gardner. 2,205,952; June 25.
Device for viewing transparencies. F. Thornton, Jr. 2,209,668; July 30.
Device for visually indicating the deviation from a course. B. J. Wesselink. 2,198,445; Apr. 23.
Device for washing photographic prints. R. C. Thackeray. 2,205,053; June 18.
Device for wheel suspension. A. H. Peglow. 2,224,408; Dec. 10.
Device for winding insulated material on cables. E. M. Diehl. 2,208,963; July 23.
Device to aid in hanging transformers on crossbars. G. E. Johnson. 2,196,499; Apr. 9.
Device to ease childbirth. M. Hornstein. 2,187,125; Jan. 16.
Device to hasten the opening of a dry pipe valve. A. W. Grotlisch. 2,216,568; Oct. 1.

Device to modify the wave length range in radio sets. I. Filippa. 2,191,562; Feb. 27.
Deviometer. T. W. Kenyon. 2,218,929; Oct. 22.
Deviometer. T. W. Kenyon. 2,219,267; Oct. 22.
Dewatering apparatus. J. M. Mitchell. 2,196,119; Apr. 2.
Dewaxing apparatus. W. B. Chenault. 2,211,098; Aug. 13.
Dextrose from starch, Production of. S. M. Cantor. 2,203,325; June 4.
Dextrose hydrate, Crystallization of. C. J. Copland. 2,219,513; Oct. 29.
Dextrose, Production of. C. J. Copland. 2,203,324; June 4.
Dextrose, Purification of. H. Meisel. 2,194,315; Mar. 19.
Diacetyldihydromorphinone, Preparation of. P. Zutavern and H. Metzger. 2,203,121; June 4.
Diacetyl in butter cultures, Production of. C. H. Werkman and B. W. Hammer. 2,196,239; Apr. 9.
Diagnostic apparatus. D. B. Mears. 2,219,999; Oct. 29.
Dial and mechanism, Clock. C. O. Tidler. 2,202,438; May 28.
Dial attachment, Telephone. G. I. Dormont. 2,198,935; Apr. 30.
Dial gauge. C. E. Ruf. 2,210,435; Aug. 6.
Dial feed mechanism. L. F. Peyser and R. C. Hansen. 2,191,806; Feb. 27.
Dial illuminating radio tube. M. R. Schulte. 2,211,797; Aug. 20.
Dial illumination, Instrument. L. F. Carter. 2,202,142; May 28.
Dial indicator apparatus. T. D. Parkin. 2,200,517; May 14.
Dial indicator gauge. A. H. Emery. 2,226,756; Dec. 31.
Dial instrument, Illuminated. H. T. Rights. 2,214,595; Sept. 10.
Dial lighting. R. L. Triplett. 2,214,209; Sept. 10.
Dial, Luminous. G. B. Williams. 2,194,627; Mar. 26.
Dial, Order. M. B. Beline. 2,222,166; Nov. 19.
Dial thickness gauge. J. G. Sisson and A. H. Starrett. 2,200,479; May 14.
Dial, Tuning. J. W. Fitz Gerald. 2,203,723; June 11.
Dial, Tuning. J. W. Fitz Gerald. 2,211,539; Aug. 13.
Dialkylaminobenzoates and making them. H. A. Piggott and C. S. Woolvin. 2,202,865; June 4.
Dialkyl ethers of dimethylol urea and making same. B. E. Sorenson. 2,213,921; Sept. 3.
Dials, Making watch. A. Lodge. 2,196,998; Apr. 16.
Dialyzer. H. W. Casey. 2,226,337; Dec. 24.
Dialyzing apparatus. W. Johannes and W. Zetzsche. 2,187,818; Jan. 23.
Dialyzing apparatus. G. H. Weber. 2,225,024; Dec. 17.
Diamides of aliphatic sulpho-and sulphato-dicarboxylic acids and processes of preparing them. W. E. Hanford and C. O. Henke. 2,192,906; Mar. 12.
Diamidino stilbenes. A. J. Ewins and J. N. Ashley. 2,204,983; June 18.
Diaminodiarylketones and product thereof, Manufacture of. G. Reddelien and G. Matthaeus. 2,190,732; Feb. 20.
Diamond drill. H. S. Hoffar. 2,192,909; Mar. 12.
Diamond drill bit. C. E. Carpenter and R. C. Lynch. 2,217,889; Oct. 15.
Diamond drill bit. G. J. Maier. 2,187,384; Jan. 16.
Diamond lap. L. W. Goddu and W. J. Wrighton. 2,194,546; Mar. 26.
Diamonds for industrial purposes, Setting. C. J. Koebel. 2,200,281; May 14.
Diamonds, Method and mold for setting. R. S. McClintock. 2,223,220; Nov. 26.
Diaper. J. H. Lakritz. 2,224,518; Dec. 10.
Diaper holder, Disposable. E. T. Wilson, Jr. 2,201,255; May 21.
Diaper, Sanitary. E. F. Cramer. 2,199,781; May 7.
Diaphragm. D. W. Fentress and A. Dreyer. 2,207,146; July 9.
Diaphragm. E. J. W. Ragsdale. 2,188,632; Jan. 30.
Diaphragm, Adjustable. H. Nerwin. 2,222,298; Nov. 19.
Diaphragm and making the same, Rubber. J. T. Clark. Re. 21,342; Feb. 6.
Diaphragm and pressure operated valve. J. D. Langdon. 2,212,607; Aug. 27.
Diaphragm control for photographic cameras, Automatic. J. Mihalyi. 2,213,742; Sept. 3.
Diaphragm for preventing dominants on colored pictures. K. Räntsch and H. Retzlaff. 2,189,297; Feb. 6.
Diaphragm forming method. A. C. Hoof. 2,208,583; July 23.
Diaphragm, Oblique light. B. A. Diggins. 2,195,166; Mar. 26.
Diaphragm of the bucky type. W. H. Haupt. 2,186,107; Jan. 9.
Diaphragm, Oil seal. W. F. Bernstein. 2,210,748; Aug. 6.
Diaphragm, Railway car vestibule. H. H. Hendrickson. 2,195,247; Mar. 26.
Diaphragm, Scattered ray. G. Grossmann. 2,193,330; Mar. 12.
Diaphragm valve, Pilot controlled. D. G. Griswold. 2,193,720; Mar. 12.
Diaphragmeter. D. W. Powell, Jr. 2,194,809; Mar. 26.
Diaphragms and making the same, Dialyzing. L. E. Lovett. 2,197,805; Apr. 23.
Diarylamines, Preparing substituted. D. Craig. 2,225,368; Dec. 17.
Diaryl compounds, Production of. C. F. Prutton. 2,208,517; July 16.
Diastatic saccharification process. W. K. McPherson and L. M. Christensen. 2,219,368; Oct. 29.
Diavision. A. J. Cawley. 2,225,097; Dec. 17.
Diazo-amino composition. H. V. Pfister. 2,213,655; Sept. 3.
Diazo composition. H. A. Lubs. 2,209,985; Aug. 6.
Diazo derivatives of cyclic guanidyl sulphonic acids. H. Z. Lecher, F. H. Adams and H. P. Orem. 2,200,926; May 14.
Diazo derivatives of guanidyl carboxylic acids. H. Z. Lecher, R. P. Parker, and H. P. Orem. 2,199,003; Apr. 30.
Diazonium compound. F. Zwilgmeyer. 2,193,998; Mar. 19.
Diazonium compounds and manufacturing the same. I. Gubelmann, J. M. Tinker, and L. Spiegler. 2,186,722; Jan. 9.
Diazo-type layers and method of use and production, Light sensitive. W. P. Leuch. 2,215,739; Sept. 24.
Diazotype process. W. Neugebauer and O. Sus. 2,205,991; June 25.
Dibbling machine. F. R. Wallace and J. T. Ramsden. 2,205,997; June 25.
Di-benzanthrone-anthraquinone-di-acridines. D. P. Graham and C. G. Frey. 2,188,537; Jan. 30.
Dibenzyl hexahydro phthalate. C. F. Winans. 2,189,721; Feb. 6.
Dibenzylsulphanilic acid, Production of. E. A. Markush, J. J. Malawista, and J. Miller. 2,208,678; July 23.
Dice box. R. S. Robinson. 2,191,160; Feb. 20.
Dice, Translucent. W. T. Christy. 2,227,406; Dec. 31.
Dicing machine. W. E. Urschel. 2,187,252; Jan. 16.
Dicing machine. W. E. Urschel. 2,187,957; Jan. 23.
Dichloroindanthrone, Preparation of. F. Knowles and W. H. Lycan. 2,205,418; June 25.
Dickey dispensing machine, Coin controlled. B. Traphan. 2,199,213; Apr. 30.
Dictating machine switch. T. H. Beard and J. E. Renholdt. 2,196,720; Apr. 9.
Dictograph. W. R. Koch. 2,193,102; Mar. 12.
Dicyandiamide-formaldehyde resinous compositions. K. Ripper. 2,207,442; July 9.
Die: *See*—

Conductor bending die.	Pulp molding die.
Cutting die.	Scroll shear die.
Die casting die.	Trimming and perforating die.
Extruding die.	Tube slotting or punching die.
Forging die.	
Lever type threading die.	

Die. C. M. Brehm. 2,212,874; Aug. 27.
Die. F. J. Dedrick. 2,191,709; Feb. 27.
Die. F. P. Jackson. 2,187,651; Jan. 16.
Die. E. Jerichow. 2,201,582; May 21.
Die. A. J. Kiehne. 2,188,788; Jan. 30.
Die. J. Schneider. 2,208,858; July 23.
Die and die holder, Wire drawing. F. H. G. Brandt. 2,188,470; Jan. 30.
Die and forming same, Drop hammer. W. H. J. and R. P. Fitzgerald. 2,206,812; July 2.
Die and manufacture of smokeless powder. C. W. Steffen. 2,210,011; Aug. 6.
Die and manufacture thereof, Synthetic tool. I. Chesler and K. M. Herstein. 2,219,442; Oct. 29.
Die and method, Thread rolling. C. G. Olson. 2,197,732; Apr. 16.
Die and striking plate, Combination perforating. L. W. Simister. 2,220,296; Nov. 5.
Die assembly for forming hollow metal articles. F. B. Wendel. 2,188,197; Jan. 23.
Die carrier for die stocks. C. H. Ingwer and C. E. Wright. 2,219,721; Oct. 29.
Die casting apparatus. J. N. Smith. 2,217,239; Oct. 8.
Die casting apparatus and method. J. R. Daesen. 2,195,360; Mar. 26.
Die casting by electrical induction. L. H. Morin. 2,224,982; Dec. 17.
Die casting die. D. Marinsky and L. H. Morin. 2,218,091; Oct. 15.
Die casting machine. E. S. Bird. 2,185,625; Jan. 2.
Die casting machine. H. J. Kalajian. 2,187,239; Jan. 16.
Die casting machine. L. H. Morin and D. Marinsky. 2,193,832; Mar. 19.
Die casting machine and dual pneumatic valve therefor. L. H. Morin. 2,224,979; Dec. 17.
Die casting machine, High speed. L. H. Morin. 2,224,977; Dec. 17.
Die collar pressing machines. S. Stadub. 2,222,447; Nov. 19.
Die cutting machine, Paper. H. Donnerberg and E. H. Curtis, Jr. 2,220,056; Oct. 29.
Die for bending angle bars. A. Hossfeld. 2,225,742; Dec. 24.
Die for fibrous articles, Drying. E. C. Sloan. 2,187,918; Jan. 23.
Die for forming plastic materials into threads or ribbons. M. Tanzi. 2,197,988; Apr. 23.
Die for forming plastic materials into threads or ribbons. M. Tanzi. 2,217,627; Oct. 8.
Die for forming sliders of separable fasteners. D. Marinsky. 2,209,413; July 30.

Die for making T-shaped part. H. Cadwallader, Jr. 2,201,225; May 21.
Die for ornamenting parts of shoe uppers, Cutting. C. S. Knight. 2,213,586; Sept. 3.
Die for resizing rail anticreepers. F. A. Macdonald. 2,197,223; Apr. 16.
Die for stamping tapered tubiform elements. K. T. Norris. 2,225,710; Dec. 24.
Die for twisters, Sizing. W. R. Ford and W. Dewhirst. 2,222,505; Nov. 19.
Die forming machine. H. C. Rickenbach. 2,221,881; Nov. 19.
Die head. R. T. Bowling. 2,224,212; Dec. 10.
Die head, Self-opening. A. F. Breitenstein. 2,195,837; Apr. 2.
Die head, Self-opening. A. F. Breitenstein. 2,197,336; Apr. 16.
Die holder. A. W. Altvater. 2,202,809; June 4.
Die opening gauge. G. S. Selander. 2,208,476; July 16.
Die platen and die, Heated. M. P. Chaplin. 2,206,276; July 2.
Die protection means, Printing. J. W. Ogden. 2,204,968; June 18.
Die sets, Making. H. A. Sedgwick and A. Johnson. 2,222,860; Nov. 26.
Die sets, Producing. V. A. Boker. 2,186,799; Jan. 9.
Die spotting press, Hydraulic. F. T. Harrington. 2,218,818; Oct. 22.
Die stock and die made therefrom. C. F. Lindholm. 2,211,213; Aug. 13.
Die threader, Electric. F. E. Mayotte. 2,205,148; June 18.
Dies for plastic lenses, Making. W. E. Williams. 2,206,797; July 2.
Dies, Making. J. C. Gordon. 2,206,088; July 2.
Dies, Making drawing. E. W. Engle and H. B. Duncan. 2,212,394; Aug. 20.
Dies, Making threading. A. J. Kiehne. 2,208,811; July 23.
Dies, Making wire-drawing. J. Romp. 2,216,652; Oct. 1.
Dielectric composition. R. W. Ide, Jr., and H. A. Winkelmann. 2,205,654; June 25.
Dielectric material. A. H. White. 2,205,840; June 25.
Dielectrics, Measurement of. A. R. Ogilvie. 2,203,839; June 11.
Diesel engine. D. T. O'Sullivan. 2,216,477; Oct. 1.
Diesel engine. H. Scherenberg. 2,205,751; June 25.
Diesel engine. J. R. Wormley. 2,215,202; Sept. 17.
Diesel monkey. P. Pfeiffer. 2,208,730; July 23.
Diesel motor. P. Wiebicke. 2,190,537; Feb. 13.
Diesel motor. P. Wiebicke. 2,214,688; Sept. 10.
Diethers of dimethylol urea and making same. B. E. Sorenson. 2,191,974; Feb. 27.
Diethylcarbamates of resorcinol-mono-alkyl ethers and preparing them. E. Bartholomäus. 2,209,245; July 23.
Diethylenediamine, Production of. S. Grosberg. 2,219,839; Oct. 29.
Differential. E. Bush. 2,200,153; May 7.
Differential. H. L. M. J. de Place. 2,220,513; Nov. 5.
Differential. H. J. La Casse. 2,191,763; Feb. 27.
Differential control device, Refrigerator variable. E. C. Raney. 2,193,679; Mar. 12.
Differential driving mechanism. H. N. Wales. 2,220,432; Nov. 5.
Differential gear. L. M. Ballamy. 2,207,310; July 9.
Differential gearing. R. A. Goeller. 2,209,966; Aug. 6.
Differential mechanism. C. E. Frederickson. 2,203,683; June 11.
Differential mechanism. M. H. Loughridge. 2,206,907; July 9.
Differential mechanism. G. C. Vanderberg. 2,219,025; Oct. 22.
Differential mechanism for typewriters and other machines, Controlled. H. K. Rider. 2,185,226; Jan. 2.
Differential mechanism, Power dividing. G. S. Grosch. 2,221,186; Nov. 12.
Differential, Needle bearing. R. P. Lewis. 2,192,088; Feb. 27.
Differential nonreturn valve. L. I. Northon. 2,216,092; Sept. 24.
Differential operated check valve. E. Tyden. 2,223,137; Nov. 26.
Differential protection means. R. I. Ward. 2,213,294; Sept. 3.
Differential protective relaying system. F. Geise. 2,196,411; Apr. 9.
Differential protective scheme. E. H. Klemmer. 2,205,206; June 18.
Differential regulator. F. C. Reeder. 2,211,672; Aug. 13.
Differential tension device. J. Pangerl. 2,218,548; Oct. 22.
Differential time-reckoning device. A. L. Manseau. 2,189,639; Feb. 6.
Differential transmission, Fluid drive. G. T. Pollard. 2,203,546; June 4.
Diffuser. J. Borge. 2,218,635; Oct. 22.
Diffusion apparatus. D. Teatini. 2,214,978; Sept. 17.
Di-(4-hydroxyphenyl)-dimethyl methane, Manufacture of. R. P. Perkins. 2,191,831; Feb. 27.
Digester. A. C. Durdin, Jr. 2,202,772; May 28.
Digester apparatus. J. Fletcher. 2,185,962; Jan. 2.
Digesting process and apparatus. T. L. Dunbar. 2,205,374; June 18.
Digger and excavator, Grave. E. D. Tyler and G. A. Knox. 2,197,989; Apr. 23.
Digger implement. T. Halgrimson. 2,202,450; May 28.
Digger of the underslung type, Potato. W. E. Templeton. 2,198,427; Apr. 23.
Digger, Potato. H. H. Schooler; 2,215,516; Sept. 24.
Digitalis glucosides and producing the same. E. Wolf. 2,224,804; Dec. 10.
Dihydro-equilin and estradiol, Separation of. A. Serini and W. Logemann. 2,221,340; Nov. 12.
Dihydronaphthalene dimer and making same, Sulphurized. P. La F. Magill. 2,202,502; May 28.
Diketen, Producing. M. Mugdan and J. Sixt. 2,216,450; Oct. 1.
Diketene, Halogenation of. A. B. Boese, Jr. 2,209,683; July 30.
Diketone coupler compound. P. W. Vittum and W. D. Peterson. 2,206,142; July 2.
Diluent, Modified lacquer and varnish. T. R. Donlan. 2,224,291; Dec. 10.
Dimension and warp detector for objects. W. H. Wilcox. 2,219,155; Oct. 22.
Dimer of 1,4-dihydronaphthalene. N. D. Scott and J. F. Walker. 2,194,450; Mar. 19.
Dimming device. M. Nosal. 2,208,079; July 16.
Di-naphthyl ether resins and preparing the same, Hydrogenated. K. Folkers. 2,224,865; Dec. 17.
Dinette extension table. H. Nonnast. 2,221,844; Nov. 19.
Dinitro-alkyl-phenol. L. E. Mills and B. L. Fayerweather. 2,192,197; Mar. 5.
Diode circuit, Balanced. H. O. Peterson. 2,198,226; Apr. 23.
Diode detection system. C. Travis. 2,224,707; Dec. 10.
Diolefins from hydrocarbon mixtures, Recovery of. G. M. Hebbard and L. E. Lloyd. 2,188,899; Feb. 6.
Diolefins, Recovery of gaseous. G. M. Hebbard and L. E. Lloyd. 2,189,173; Feb. 6.
Diphenol sulphides, Di-alkyl. L. A. Mikeska and C. A. Cohen. 2,195,539; Apr. 2.
Diphenyleneoxides, Biguanidino substituted. B. Puetzer. 2,191,860; Feb. 27.
Diphenylsulphone derivatives and manufacture thereof. P. Pöhls and F. Mietzsch. 2,213,805; Sept. 3.
Diphenylsulphone-4,4'-di-isocyanate and making it. P. Pöhls and F. Mietzsch. 2,218,030; Oct. 15.
Dipper, Excavating. W. M. Bager, M. L. Fykse, and G. W. Mork. 2,185,176; Jan. 2.
Dipper for ice cream or other usage. W. H. Ellis. 2,191,524; Feb. 27.
Dipper lip and associated teeth. W. Lehman and C. E. Stiehl. 2,211,786; Aug. 20.
Dipper, Sampling. I. J. Benjamin. 2,189,238; Feb. 6.
Dipper, Sanitary drinking. P. Laux. 2,218,681; Oct. 22.
Dipper stick for power shovels or the like. H. N. Ekbom and E. Korensky. 2,216,070; Sept. 24.
Dipper tooth. L. W. Van Buskirk. 2,213,925; Sept. 3.
Dipstick. H. B. Warren. 2,207,526; July 9.
Direct current motor. O. S. Field. 2,206,667; July 2.
Direction and speed ratio changing device for motor vehicles. J. P. Castellano. 2,219,265; Oct. 22.
Direction finder. R. Kümmich. 2,216,950; Oct. 8.
Direction finder. R. Kümmich and A. Gothe. 2,226,379; Dec. 24.
Direction finder. W. Runge and A. Gothe. 2,218,361; Oct. 15.
Direction finder. G. Ulbricht. 2,208,349; July 16.
Direction finder compensator. A. Leib. 2,187,588; Jan. 16.
Direction finder correcting loop. B. L. Dolbear. 2,207,244; July 9.
Direction finder loop. W. Berndt. 2,201,807; May 21.
Direction finding. B. L. Dolbear and W. S. Webster. 2,220,087; Nov. 5.
Direction finding apparatus. R. R. Brunner. 2,204,206; June 11.
Direction finding system. H. Brunswig. 2,204,174; June 11.
Direction finding system. W. M. Hahnemann. 2,223,066; Nov. 26.
Direction finding system. E. J. Hefele. 2,226,929; Dec. 31.
Direction finding system. H. Johannson and K. H. Hofmann. 2,213,842; Sept. 3.
Direction finding system. K. Koschmieder. 2,213,281; Sept. 3.
Direction indicating device for motor vehicles. C. F. Bierbach. 2,210,057; Aug. 6.
Direction indicating means. G. Barth. 2,204,292; June 11.
Direction indicating means. G. Barth. 2,213,357; Sept. 3.
Direction indicating mechanism. V. T. Wiglesworth. 2,224,176; Dec. 10.
Direction indicator. A. Hart. 2,214,275; Sept. 10.
Direction indicator. C. L. Otto, Jr. 2,192,148; Feb. 27.
Direction indicator. G. Zimmermann. 2,209,896; July 30.
Direction indicator for automobiles. E. L. Shelton. 2,221,331; Nov. 12.
Direction indicator switch. J. E. Regnas. 2,185,569; Jan. 2.
Direction indicator switch. T. W. Thirlwell. 2,221,276; Nov. 12.

Direction of rotation responsive switch. H. A. Satterlee. 2,190,682; Feb. 20.
Direction signal. O. Braun, Buffalo, N. Y. 2,202,571; May 28.
Direction signal. H. B. Donley. 2,223,059; Nov. 26.
Direction signal. C. L. Gress. 2,220,646; Nov. 5.
Direction signal switch. H. G. Clifton. 2,190,772; Feb. 20.
Direction signal switch. C. F. Hammond. 2,216,881; Oct. 8.
Direction signal switch. T. W. Thirlwell. 2,226,082; Dec. 24.
Directional control. L. de Florez and E. Bach. 2,196,385; Apr. 9.
Directional indication and control. L. de Florez. 2,199,256; Apr. 30.
Directional instrument. P. Kollsman. 2,203,824; June 11.
Directional instrument. P. Kollsman. 2,206,506; July 2.
Directional instrument. P. Kollsman. 2,224,732; Dec. 10.
Directional radiating system. F. E. Terman and W. W. Hansen. 2,218,487; Oct. 15.
Directional signal. W. P. MacMicking. 2,193,179; Mar. 12.
Directional signal. B. W. Smith. 2,197,226; Apr. 16.
Directional well drilling tool. T. C. Strength. 2,197,227; Apr. 16.
Directive signaling. W. van B. Roberts. 2,202,400; May 28.
Director. J. T. Lewis. 2,200,130; May 7.
Dirigible lamp. H. Dahlstrom. 2,226,053; Dec. 24.
Dirt from pulp, Removal of. L. V. Forman. 2,207,218; July 9.
Dirt, Removal of. H. W. House. 2,188,353; Jan. 30.
Disazo compounds and material colored therewith. J. B. Dickey. 2,215,637; Sept. 24.
Disazo dyestuffs and their manufacture. M. Kappeler. 2,211,752; Aug. 20.
Discharge apparatus. E. D. McArthur. 2,217,415; Oct. 8.
Discharge apparatus. L. D. Miles. 2,192,047; Feb. 27.
Discharge apparatus for fluids and semifluid substances. P. F. Crothers. 2,196,959; Apr. 9.
Discharge control arrangement for snow removing mechanism. W. E. Klauer. 2,216,781; Oct. 8.
Discharge device. E. Germer. 2,190,657; Feb. 20.
Discharge device. E. Germer. 2,202,199; May 28.
Discharge device. A. J. Kling. 2,188.186; Jan. 23.
Discharge device. M. Klopprogge. 2,185,852; Jan. 2.
Discharge device. E. D. McArthur and H. E. Rowe. 2,204,423; June 11.
Discharge device. L. D. Miles. 2,210,816; Aug. 6.
Discharge device. H. J. Spanner. 2,191,507; Feb. 27.
Discharge device. J. Slepian. 2,205.225; June 18.
Discharge device. H. M. Smith. 2,218,386; Oct. 15.
Discharge device and manufacture, Electric. E. E. Charlton. 2,185,832; Jan. 2.
Discharge device, Cathode ray. H. W. Weinhart. 2,185,283; Jan. 2.
Discharge device, Intermittent or constant. H. E. Brandt. 2,202,645; May 28.
Discharge lamp circuit. E. C. Dench. 2,200,443; May 14.
Discharge lamp, Electric. H. Kalsing, H. Krefft, and F. Rössler. 2,212,879; Aug. 27.
Discharge means for concrete mixers. G. W. Cronk. 2,219,863; Oct. 29.
Discharge of the centrifugal substance from a centrifugal drum. C. Schmitz. 2,192,589; Mar. 5.
Discharge tube. M. Kuipers. 2,225,645; Dec. 24.
Discharge tube. G. Liebmann. 2,227,095; Dec. 31.
Discharge tube. A. Mutscheller. 2,216,209; Oct. 1.
Discharge tube for keeping voltages constant. L. Körös and J. F. Toennies. 2,212,643; Aug. 27.
Discharge tube, Gas or vapor filled. A. Pützer. 2,189,593; Feb. 6.
Discharge tube, Grid-controlled. A. Etzrodt. 2,218,331; Oct. 15.
Discharge tube, High-voltage. A. Bouwers. 2,202,687; May 28.
Discharge tube, Mercury cathode. T. Jurriaanse and J. G. W. Mulder. 2,192,349; Mar. 5.
Discharge valve. F. L. Bronson. 2,210,971; Aug. 13.
Disconnecting switch. H. J. Crabbs and H. L. Rawlins. 2,224,380; Dec. 10.
Disconnecting switch. W. H. Lindae. 2,200,509; May 14.
Disconnecting switch. A. C. Schwager, A. E. Brock, and R. H. Gerard. 2,205,497; June 25.
Discount machine. A. B. Hassan. 2,212,499; Aug. 27.
Discus structure. G. T. Bresnahan and W. W. Tuttle. 2,223,091; Nov. 26.
Dish. O. H. Henry. 2,217,514; Oct. 8.
Dish, Child's coaxer. L. J. L'Heureux. 2,200,696; May 14.
Dish, Child's eating. L. M. Gill. 2,213,837; Sept. 3.
Dish container, Soiled. R. C. Castles. 2,186,365; Jan. 9.
Dish draining and spraying apparatus. S. Carey. 2,198,510; Apr. 23.
Dish for animals, Food and water. C. R. Trampier, Sr. 2,191,811; Feb. 27.
Dish, Pie. I. Bjornson. 2,226,155; Dec. 24.
Dish, Soap. C. J. Burgard. 2,206,159; July 2.
Dish washer and drier, Portable. C. Ehret. 2,212,559; Aug. 27.
Dishwasher. Sink. O. T. Webber. 2,218,942; Oct. 22.
Dishwashing and sterilizing apparatus. W. R. Adams. 2,205,113; June 18.
Dishwashing apparatus. C. W. Funk. 2,211,007; Aug. 13.
Dishwashing apparatus. F. A. Walker. 2,194,342; Mar. 19.
Dishwashing machine. K. Albrecht. 2,200,907; May 14.
Dish-washing machine. T. E. D. Bilde. 2,201,284; May 21.
Dishwashing machine. T. E. D. Bilde. 2,218,869; Oct. 22.
Dishwashing machine. J. M. Murphy. 2,197,382; Apr. 16.
Dishwashing machine. M. N. Partridge. 2,203,029; June 4.
Dishwashing machine. P. R. Powell and H. W. Badeker. 2,212,649; Aug. 27.
Dishwashing, rinsing, and sterilizing device. E. W. Bessett. 2,213,359; Sept. 3.
Disinfectant. E. Weidner. 2,212,464; Aug. 20.
Disinfectant and wound remedy and the production thereof. H. Goldhammer. 2,189,564; Feb. 6.
Disinfector. R. A. Myers. 2,201,784; May 21.
Disintegrating apparatus. J. H. Kennedy and R. F. Ballard. 2,211,570; Aug. 13.
Disk and making the same, Friction. A. D. Stroehla and L. E. Richter. 2,196,569; Apr. 9.
Disk attachment for spring-toothed harrows. L. W. Rushbrook. 2,211,675; Aug. 13.
Disk brake. O. Rasmussen and E. R. Pierce. 2,219,792; Oct. 29.
Disk cam valve gear. R. Daub. 2,225,102; Dec. 17.
Disk, Clutch friction. G. Walters. 2,196,570; Apr. 9.
Disk earth-working implement, Tandem. C. Le Bleu. 2,204,684; June 18.
Disk for gun perforators, Sealing. G. F. Turechek. 2,216,144; Oct. 1.
Disk for multiple disk brakes, Friction. A. A. Benson. 2,190,767; Feb. 20.
Disk for power mowers, Cutting. A. L. Vincze. 2,192,762; Mar. 5.
Disk for radial flow rotary machines, Bladed. U. Meininghaus. 2,200,288; May 14.
Disk friction device, Multiple. H. Kattwinkel. 2,199,801; May 7.
Disk harrow, Foldable. A. O. Espe. 2,211,560; Aug. 13.
Disk mill. J. and G. Eirich. 2,218,876; Oct. 22.
Disk, Phonograph record. E. Severin. 2,221,270; Nov. 12.
Disk, Plow or colter. C. W. Beamer. 2,187,443; Jan. 16.
Disk, Polishing. C. F. Schlegel. 2,214,351; Sept. 10.
Disk sharpener. A. M. Randall. 2,185,519; Jan. 2.
Disk-type brake, Megnetically operated. E. E. Arnold. 2,217,464; Oct. 8.
Disk, Wheel cover. G. A. Lyon. 2,189,743–4; Feb. 6.
Disking device. F. M. Hargrave. 2,188,435; Jan. 30.
Disks for rectifiers and photoelectric cells, Producing selenium. H. Herrmann. 2,213,279; Sept. 3.
Dispatch system, Pneumatic. F. K. Haven. 2,207,434; July 9.

Dispenser: *See*—

Adhesive tape dispenser.
Automatic fluid dispenser.
Beverage dispenser.
Book match dispenser.
Canned milk dispenser.
Chip dispenser.
Cigarette dispenser.
Combination dispenser.
Condiment dispenser.
Cone dispenser.
Cracker dispenser.
Cup dispenser.
Dental powder dispenser.
Drip dispenser.
Fluid dispenser.
Grease dispenser.
Gum dispenser.
Ice cream cone dispenser.
Insecticide dispenser.
Label dispenser.
Liquid dispenser.
Medicament dispenser.
Merchandise dispenser.
Milk and cream dispenser.
Milk dispenser.
Oil dispenser.
Paper dispenser.
Paste dispenser.
Powder dispenser.
Refrigerated liquid dispenser.
Selective dispenser.
Slip dispenser.
Soap dispenser.
Sparkling liquid dispenser.
Straw dispenser
Sugar dispenser.
Tag dispenser.
Tape dispenser.
Tissue dispenser.
Toilet seat cover dispenser.
Tooth paste dispenser.
Toothpick dispenser.
Towel dispenser.
Water dispenser.

Dispenser. W. Ayres. 2,202,079; May 28.
Dispenser. A. L. Bobrick. 2,193.897; Mar. 19.
Dispenser. H. W. Jennings. 2,198,499; Apr. 23.
Dispenser. P. A. McCaskey. 2,188,479; Jan. 30.
Dispenser. E. Ryba. 2,185,775; Jan. 2.
Dispenser. C. W. Ward. 2,214,826; Sept. 17.
Dispenser and applier, Adhesive tape. C. H. Randolph. 2,210,003; Aug. 6.
Dispenser and holder, Toothpick. A. J. Luber. 2,193,732; Mar. 12.
Dispenser for bobby type hairpins. R. W. Riedel. 2,224,315; Dec. 10.
Dispenser for bottles, Counting and measuring. D. B. Dale and N. O. Nelson. 2,209,766; July 30.
Dispenser for cans, Liquid. F. G. Jones. 2,196,770; Apr. 9.

Dispenser for cleaning tissues. J. K. Burnette. 2,223,094; Nov. 26.
Dispenser for fluent material. C. McVicker. 2,191,928; Feb. 27.
Dispenser for fluid dentifrices. C. Mankouski. 2,218,005; Oct. 15.
Dispenser for liquids. G. Binon. 2,185,288; Jan. 2.
Dispenser for paper sheets. H. W. Berger. 2,207,475; July 9.
Dispenser for powdered soap or similar granular material. M. Conner. 2,190,311; Feb. 13.
Dispenser for tablets. R. P. Warren. 2,227,167; Dec. 31.
Dispenser top for containers. W. H. Rose. 2,185,608; Jan. 2.
Dispensing. W. J. Emerson. 2,206,838; July 2.
Dispensing. S. Longo. 2,188,573; Jan. 30.
Dispensing and measuring machine. J. W. Bell. 2,199,065; Apr. 30.
Dispensing apparatus. H. C. Canine. 2,224,509; Dec. 10.
Dispensing apparatus. F C. Chase and J. D. Hulsmann. 2,209,956; Aug. 6.
Dispensing apparatus. A. Dahlstrom. 2,227,069; Dec. 31.
Dispensing apparatus. L. O. Garner and F. Montesi. 2,187,232–3; Jan. 16.
Dispensing apparatus. A. Gordon. 2,220,877; Nov. 12.
Dispensing apparatus. C. A. Huber. 2,187,153; Jan. 16.
Dispensing apparatus. A. T. Simmons. 2,200,228; May 7.
Dispensing apparatus. W. Tamminga. 2,220,467; Nov. 5.
Dispensing apparatus. L. L. Taylor. 2,193,211; Mar. 12.
Dispensing apparatus. L. T. Ward. 2,189,643; Feb. 6.
Dispensing apparatus. W. W. Williams. 2,189,157; Feb. 6.
Dispensing apparatus for carbonated beverages. E. R. Taylor. 2,208,611; July 23.
Dispensing apparatus for lubricant and the like. M. S. Young and R. B. Lewthwaite. 2,203,710; June 11.
Dispensing apparatus for plastic material. W. E. Sherbondy. 2,205,604; June 25.
Dispensing apparatus for storage tanks. R. L. Tennant. 2,204,329; June 11.
Dispensing cabinet. B. E. Colburn. 2,201,985; May 28.
Dispensing cabinet. C. E. Kirch. 2,193,334; Mar. 12.
Dispensing cap. J. C. Boyle. 2,196,721; Apr. 9.
Dispensing container. H. A. Barnby. 2,198,570; Apr. 23.
Dispensing container. W. H. Bellah. 2,212,582; Aug. 27.
Dispensing container. A. J. Callaghan and L. J. McCarthy. 2,205,082; June 18.
Dispensing container. A. J. Chamberlain. 2,204,176; June 11.
Dispensing container. C. C. Conway, Jr. 2,226,899; Dec. 31.
Dispensing container. W. G. Gibson, F. A. McDonald and P. Chatterley. 2,195,922; Apr. 2.
Dispensing container. F. H. Maloney. 2,215,882; Sept. 24.
Dispensing container. P. A. McCaskey. 2,213,499; Sept. 3.
Dispensing container. F. Mutz. 2,216,476; Oct. 1.
Dispensing container. F. J. O'Brien. 2,196,426; Apr. 9.
Dispensing container. A. S. Parets. 2,205,836; June 25.
Dispensing container. W. F. Punte and L. L. Bidwell. 2,214,437; Sept. 10.
Dispensing container. W. A. Ringler. 2,216,323–4; Oct. 1.
Dispensing container. S. C. Robison. 2,198,564; Apr. 23.
Dispensing container. P. M. Thorn. 2,203,313; June 4.
Dispensing container. A. S. Weston. 2,224,072; Dec. 3.
Dispensing device. F. A. Becker. 2,216,064; Sept. 24.
Dispensing device. J. A. Bender. 2,196,379; Apr. 9.
Dispensing device. J. J. Benner. 2,205,785; June 25.
Dispensing device. H. C. Bowman. 2,211,452; Aug. 13.
Dispensing device. J. H. Cox. 2,225,859; Dec. 24.
Dispensing device. J. Drobniewsky. 2,186,449; Jan. 9.
Dispensing device. O. Goetz. 2,188,682; Jan. 30.
Dispensing device. F. E. Graham. 2,198,383; Apr. 23.
Dispensing device. H. C. Grant, Jr. 2,203,626; June 4.
Dispensing device. C. L. Holdeman. 2,215,850; Sept. 24.
Dispensing device. H. J. Iftiger and E. W. Cook. 2,204,015; June 11.
Dispensing device. G. W. Jordan. 2,219,422; Oct. 29.
Dispensing device. H. H. Mandle. 2,218,852; Oct. 22.
Dispensing device. J. A. Melville. 2,210,250; Aug. 6.
Dispensing device. V. K. Milbank. 2,200,117; May 7.
Dispensing device. J. A. Stadtfeld. 2,191,918; Feb. 27.
Dispensing device. G. C. Trotter. 2,219,604; Oct. 29.
Dispensing device. F. G. Troy, Jr. 2,206,983; July 9.
Dispensing device. H. K. Ullman. 2,212,627; Aug. 27.
Dispensing device. C. W. Vogt. 2,206,986; July 9.
Dispensing device. L. T. Ward. 2,222,247; Nov. 19.
Dispensing device. H. F. Waters. 2,197,958; Apr. 23.
Dispensing device. P. A. Wooster. 2,202,183; May 28.
Dispensing device for collapsible tubes, Automatic closing. C. S. Mann. 2,189,470; Feb. 6.
Dispensing device for detergents. C. M. Moore. 2,221,487; Nov. 12.
Dispensing device for filling grease guns and the like. E. P. Sundholm. 2,214,779; Sept. 17.
Dispensing device for sheet material. A. C. Grunwald. 2,206,320; July 2.
Dispensing display case. G. H. Nitschman. 2,220,870; Nov. 5.
Dispensing machine. F. C. Du Grenier. 2,197,633; Apr. 16.
Dispensing machine. B. D. Knox. 2,215,004; Sept. 17.
Dispensing machine. L. L. McNair. 2,217,962; Oct. 15.
Dispensing machine. J. W. Srodulski. 2,201,655; May 21.
Dispensing mechanism for vending machines. L. Steiner. 2,203,847; June 11.
Dispensing mechanism of popped corn into candy floss or the like. C. H. Cooley and R. B. Smith. 2,198,152; Apr. 23.
Dispensing pump. C. S. Hazard. 2,213,278; Sept. 3.
Dispensing pump. K. Weber. 2,203,242; June 4.
Dispensing receptacle. C. R. Jones. 2,185,896; Jan. 2.
Dispensing receptacle. C. W. Vogt. 2,206,984–5; July 9.
Dispensing unit for paper sheets. N. G. Thor. Re. 21,398; Mar. 12.
Dispersing mechanism, Making a. A. F. Krauss. 2,185,442; Jan. 2.
Dispersing mill. D. E. Hennessy. 2,212,662; Aug. 27.
Dispersion and making the same. F. K. Schoenfeld. 2,201,273; May 21.
Dispersion device and the like. A. Brothman. 2,212,260; Aug. 20.
Dispersion mill. M. W. Ditto. 2,206,633; July 2.
Displacement and acceleration measuring apparatus. R. K. Bonell. 2,210,970; Aug. 13.
Displacement means. C. Bancroft. Re. 21,583; Oct. 1.
Display and dispensing case, Combination. T. W. Turner. 2,185,935; Jan. 2.
Display and dispensing device. J. R. Evans. 2,199,196; Apr. 30.
Display apparatus. D. L. Kimball. 2,192,679; Mar. 5.
Display apparatus. J. Oakley. 2,197,057; Apr. 16.
Display apparatus. F. C. Wood. 2,191,701; Feb. 27.
Display apparatus, Animated. G. Musaphia. 2,204,435; June 11.
Display apparatus, Changing. G. E. Slack. 2,195,941; Apr. 2.
Display apparatus, Electrically controlled selective. U. Hutchinson. 2,185,895; Jan. 2.
Display article, Preformed knock-down. J. J. Hill. 2,206,353; July 2.
Display bag, Newspaper. J. W. Serdahely. 2,206,268; July 2.
Display box. D. Levkoff. 2,199,204; Apr. 30.
Display box. D. S. Logan. 2,219,034–5; Oct. 22.
Display box. L. D. Young. 2,219,039; Oct. 22.
Display cabinet. R. E. Ottenheimer. 2,225,655; Dec 24.
Display cabinet. E. A. Shank. 2,222,690; Nov. 26.
Display card. C. C. Fuller. 2,212,596; Aug. 27.
Display case, Refrigerated. A. W. Bireley. 2,219,912; Oct. 29.
Display case, Refrigerated. C. F. Hoffman. 2,198,436; Apr. 23.
Display case. C. R. Anderson. 2,185,393; Jan. 2.
Display case. R. S. Potts. 2,198,459; Apr. 23.
Display case. L. E. Vogt. 2,200,404; May 14.
Display case. J. B. Wolf, Jr. 2,222,524; Nov. 19.
Display container. J. T. Hartnett. 2,194,425; Mar. 19.
Display container. B. F. Oshei. 2,199,008; Apr. 30.
Display device. B. A. Ames. 2,224,893; Dec. 17.
Display device. A. Antinori. 2,193,154; Mar. 12.
Display device. R. Barnes. 2,225,329; Dec. 17.
Display device. M. T. Brekke. 2,223,842; Dec. 3.
Display device. C. C. Cloud. 2,200,616; May 14.
Display device. G. B. Collins. 2,207,117; July 9.
Display device. G. de Verry. 2,191,457; Feb. 27.
Display device. D. W. Dunberg. 2,218,329; Oct. 15.
Display device. L. G. Englar. 2,204,129; June 11.
Display device. L. G. Englar. 2,206,772; July 2.
Display device. W. S. Enoch. 2,204,076; June 11.
Display device. A. A. Fisher. 2,200,446; May 14.
Display device. K. Freiler. 2,211,110; Aug. 13.
Display device. J. A. Goeller. 2,206,281; July 2.
Display device. A. E. Goodhue. 2,220,228; Nov. 5.
Display device. W. W. Herrold. 2,196,587; Apr. 9.
Display device. F. Kroner. 2,210,333; Aug. 6.
Display device. R. E. Paige. 2,185,866; Jan. 2.
Display device. H. W. and A. C. Patterson. 2,226,409; Dec. 24.
Display device. W. S. Pearson. Re. 21,637; Nov. 26.
Display device. J. W. Redfield. 2,190,083; Feb. 13.
Display device. A. Rovell. 2,223,308; Nov. 26.
Display device. W. B. and S. E. Scace. 2,196,876; Apr. 9.
Display device. W. S. Wagner. 2,193,502; Mar. 12.
Display device. W. R. Weaver. 2,194,238; Mar. 19.
Display device, Activated. G. Thiberg. 2,186,564; Jan. 9.
Display device, Automatic. H. Barta. 2,188,733; Jan. 30.
Display device employing polarized light. E. H. Land. 2,200,959; May 14.
Display device for hats. D. Miller. 2,213,677; Sept. 3.
Display lamp. A. Habin. 2,211,749; Aug. 20.
Display machine. J. Hutchinson. 2,195,249; Mar. 26.
Display rack. W. R. Bowes. 2,194,417; Mar. 19.
Display rack. E. E. Dalton. 2,197,789; Apr. 23.
Display rack. F. D. Griffin. 2,190,065; Feb. 13.
Display rack. R. Patterson. 2,190,675; Feb. 20.
Display rack. S. L. Pidot. 2,227,152; Dec. 31.
Display rack. H. C. Robinson. 2,186,883; Jan. 9.

Display rack. H. C. Robinson. 2,204,446; June 11.
Display rack. W. H. Schray. 2,222,091; Nov. 19.
Display rack. J. T. Smith. 2,189,254; Feb. 6.
Display rack. J. V. Wilkie. 2,221,659; Nov. 12.
Display rack. M. A. Wolf. 2,219,145; Oct. 22.
Display rack. M. A. Wolf. 2,222,190; Nov. 19.
Display receptacle. A. Bockman. 2,210,566; Aug. 6.
Display sign. O. R. Curnutt. 2,220,478; Nov. 5.
Display sign. G. H. Evans. 2,214,410–12; Sept. 10.
Display sign. R. B. Fleming. 2,202,417; May 28.
Display sign. J. Hutchinson. 2,190,426; Feb. 13.
Display sign. A. Lane, Jr. 2,205,818; June 25.
Display sign. G. Michel. 2,185,674; Jan. 2.
Display sign. H. G. Sullivan. 2,205,937; June 25.
Display sign. W. Wagner. 2,224,069; Dec. 3.
Display stand. J. R. Carpenter. 2,185,244; Jan. 2.
Display stand. A. H. Jung. 2,190,567; Feb. 13.
Display stand. M. J. Nevins, Jr. 2,206,728; July 2.
Display stand. F. C. Stocker. 2,190,127; Feb. 13.
Display stand. G. Zaninovich. 2,187,596; Jan. 16.
Display stand, Refrigerating. C. I. Justheim. 2,192,746; Mar. 5.
Display support. E. D. Davis. 2,219,834; Oct. 29.
Display unit. J. S. MacDonald. 2,197,806; Apr. 23.
Displayer, Portable. A. M. Barrett. Re. 21,371; Feb. 27.
Displaying, draining, and crushing apparatus for tin cans and the like. D. A. McCowan. 2,191,488; Feb. 27.
Disposal process for the treatment of weak ammoniacal waste liquors from coal distillation plants. W. O. Renkin. 2,189,083; Feb. 6.
Disseminator for volatile materials. F. C. Schnebly and D. L. Hopcraft. 2,220,583; Nov. 5.
Dissolver. K. S. Valentine. 2,201,212; May 21.
Dissolving, softening, and gelatinizing agent. R. Endres. 2,191,428; Feb. 20.
Distance indication. R. Herzog. 2,205,560; June 25.
Distance measuring apparatus and system. J. Herson. 2,206,036; July 2.
Distance measuring device. D. D. Withem. 2,216,716; Oct. 1.
Distillate, Refining pressure. W. T. Hancock. 2,225,172; Dec. 17.
Distillate, Treatment of sulphur-containing. R. E. Burk. 2,201,883; May 21.
Distillates, Treatment of light. M. Levine. 2,198,545; Apr. 23.
Distillation and stabilization process. D. G. Brandt. 2,198,263; Apr. 23.
Distillation, Apparatus for high-vacuum. E. W. Fawcett and G. Burrows. 2,186,669; Jan. 9.
Distillation column. G. B. Pegram. 2,218,342; Oct. 15.
Distillation, High vacuum fractional. G. J. K. von Elbe and B. B. Scott, Jr. 2,198,848; Apr. 30.
Distillation method and apparatus. R. V. Kleinschmidt. 2,185,595; Jan. 2.
Distillation, Method and apparatus for. R. V. Kleinschmidt. 2,185,596; Jan. 2.
Distillation process. W. W. Kraft. 2,222,583; Nov. 19.
Distillation, Process and apparatus for fractional. M. R. Fenske. 2,208,573; July 23.
Distillation testing apparatus. A. I. Newman. 2,222,464; Nov. 19.
Distillation, Vacuum K. C. D. Hickman. 2,199,994; May 7.
Distilling apparatus. R. E. Brown. 2,192,879; Mar. 12.
Distilling system. M. F. Moran. 2,226,828; Dec. 31.
Distortion and carrier shift correction system. L. M. Craft. 2,191,454; Feb. 27.
Distortion correction for television systems. L. B. Headrick. 2,210,078; Aug. 6.
Distortion indicator for electrical amplifying systems. P. Adorjan. 2,213,099; Aug. 27.
Distortion reducing arrangement. K. Wilhelm. 2,194,175; Mar. 19.
Distortion reducing circuit. F. H. Shephard, Jr. 2,198,464; Apr. 23.
Distortion reducing system for suppressed carrier transmission. A. A. Collins. 2,186,958; Jan. 16.
Distributing apparatus. T. M. Ferrill, Jr. 2,203,258; June 4.
Distributing apparatus. M. Vogel-Jorgensen. 2,215,201; Sept. 17.
Distributing apparatus for intestines. F. G. Leavenworth. 2,200,960; May 14.
Distributing apparatus for slug casting machines, Typographical. J. F. Bettin. 2,212,225; Aug. 20.
Distributing attachment for conveyers. A. Pereslegin. 2,219,055; Oct. 22.
Distributing device. F. C. A. Ott. 2,197,156; Apr. 16.
Distributing mechanism. F. E. Domke. 2,204,127; June 11.
Distribution system, Multiple. W. J. Herdman. 2,188,508; Jan. 30.
Distributor. C. G. Filler. 2,190,655; Feb. 20.
Distributor. J. Munro. 2,193,373; Mar. 12.
Distributor. C. F. Reis. 2,209,036; July 23.
Distributor for baudelot coolers. H. H. Ehrman. 2,194,014; Mar. 19.
Distributor for burner outlets, Gas. H. E. Stein, Sr. 2,185,903; Jan. 2.
Distributor for seed drills, Seed. H. M. Leake. 2,210,086; Aug. 6.
Distributor head. T. C. Gleason. 2,196,858; Apr. 9.
Distributor head for evaporators. S. K. Andersen. 2,220,595; Nov. 5.
Distributor head for evaporators. W. R. Ramsaur. 2,193,696; Mar. 12.
Distributor, Rotary. J. D. Walker. 2,214,188; Sept. 10.
Disulphide, Production of carbon. E. Legeler. 2,200,475; May 14.
Disulphides and monosulphides, Alkyl phenol. C. A. Cohen and L. A. Mikeska. 2,207,719; July 16.
Disulphides, Preparation of organic. R. A. Mathes. 2,196,607; Apr. 9.
Ditcher. A. L. Meyer. 2,188,892; Jan. 30.
Ditching machine. E. L. Tunsen and C. A. Rasmussen. 2,218,222; Oct. 15.
Diverter valve. F. Klein. 2,206,609; July 2.
Diverter valve. F. Klein. 2,219,105; Oct. 22.
Divider, inside, and outside caliper, Combination. E. M. Hellum. 2,221,768; Nov. 19.
Divider, Potential. L. Körös. 2,212,921; Aug. 27.
Divider resistance. P. M. Ross. 2,213,887; Sept. 3.
Divider structure. E. F. Burdick. 2,214,042; Sept. 10.
Divider triangle, Proportional. H. A. de Valle Arizpe. 2,214,408; Sept. 10.
Dividing apparatus for toothed wheel or like grinding machines. F. Laessker. 2,187,544; Jan. 16.
Dividing head. C. J. Hertlein. 2,214,166; Sept. 10.
Dividing head. E. J. Kearney and J. B. Armitage. 2,205,361; June 18.
Division, corner, and reverse bar. C. D. Lowry. 2,213,402; Sept. 3.
Dobby chain. W. B. Harris. 2,190,837; Feb. 20.
Doctor blade. F. George. 2,187,421; Jan. 16
Document holding device. R. S. Hopkins. 2,193,027; Mar. 12.
Dog for cotton gin presses, Retaining. W. L. Steinhauer. 2,209,740; July 30.
Dog cover. F. Conlon. 2,222,705; Nov. 26.
Dog, Work. C. D. Mack. 2,191,111; Feb. 20.
Doll. F. Fenton. 2,188,429; Jan. 30.
Doll. J. S. Gilbraith. 2,196,912; Apr. 9.
Doll. J. I. and A. I. Gorbea. 2,185,190; Jan. 2.
Doll. M. Wittmann. Re. 21,539; Aug. 20.
Doll and eye mechanism therefor, Rocking sleeping. S. Marcus. 2,197,764; Apr. 23.
Doll and individual rolling eye therefor. S. Marcus. 2,213,676; Sept. 3.
Doll display figure. M. C. Wood. 2,202,805; May 28.
Doll eye mounting. M. Buchner and M. Kapp. 2,202,896; June 4.
Doll eye with adjustable lash. S. Marcus. 2,197,765; Apr. 23.
Doll head. S. Hoffman. 2,224,680; Dec. 10.
Doll, Ornamental. S. Salomon. 2,215,977; Sept. 24.
Doll, Reversible. E. Brucker. 2,195,127; Mar. 26.
Doll, Talking. A. J. Marquis. 2,218,044; Oct. 15.
Doll's eye. M. De Cesare. 2,206,545; July 2.
Doll's eye. H. G. and F. E. Lustfield. 2,195,315; Mar. 26.
Doll's eye construction. A. J. Knott. 2,202,106; May 28.
Doll's voice. S. Krakowski. 2,196,679; Apr. 9.
Dolly, Vehicle. J. A. McNamara. 2,226,521; Dec. 24.
Dome for buildings, Concrete. W. S. Hewett. 2,223,418; Dec. 3.
Domestic appliance. J. B. Dyer. 2,193,247; Mar. 12.
Domestic appliance. F. H. McCormick. 2,214,060; Sept. 10.
Domestic appliance. F. H. McCormick. 2,217,804; Oct. 15.
Door: *See*—
- Automobile door.
- Backfire door.
- Cable actuated upward acting door.
- Car and shaft sliding door.
- Car door.
- Coke oven door.
- Coke oven leveler door.
- Furnace door.
- Garage door.
- Ironclad door.
- Mailbox receiving door.
- Metallic car door.
- Mine trap door.
- Overhead door.
- Quick acting door.
- Range door.
- Refrigerator door.
- Rolling door.
- Safety boxcar door.
- Sliding door.
- Sliding vehicle door.
- Turn-over door.
- Vehicle door.

Door. T. O. H. Herzog. 2,225,050; Dec. 17.
Door. E. L. Jacob. 2,216,012; Sept. 24.
Door. M. A. Pixley. 2,195,875; Apr. 2.
Door. R. E. C. Schulz and H. R. Berndt. 2,187,331; Jan. 16.
Door actuating mechanism, Dump body. W. E. Farrell. 2,195,772; Apr. 2.
Door and corner molding construction, Flush type refrigerator. E. Swedman. 2,215,889; Sept. 24.
Door and fastening, Double-acting. C. R. Bingham. 2,216,609; Oct. 1.
Door and folding skirt arrangement, Car side. K. W. Brittain. 2,190,694; Feb. 20.
Door and hinge structure, Double-action. F. C. Schoneman. 2,218,440; Oct. 15.
Door and hinge structure therefor, Oven. E. E. Little. 2,198,346; Apr. 23.
Door and making the same, Automobile. B. C. Place. 2,204,551; June 18.
Door and step arrangement, Trap. J. L. Brack. 2,220,035; Oct. 29.
Door and window latch. J. C. Loggins. 2,203,500; June 4.

Door arch, Furnace. L. V. Johnson. 2,197,696; Apr. 16.
Doorbell device, Coin controlled. M. P. Torrance. 2,187,578; Jan. 16.
Door check. E. M. Coppola. 2,208,210; July 16.
Door check. J. J. Jones. 2,209,733; July 30.
Door check. J. M. Marin. 2,225,067; Dec. 17.
Door check. H. E. Marsh. 2,194,287; Mar. 19.
Door check. P. H. Travis. 2,193,990; Mar. 19.
Door check. P. H. Travis. 2,200,567; May 14.
Door check. P. H. Travis. 2,204,330–1; June 11.
Door check and closer. F. M. Newell. 2,212,789; Aug. 27.
Door check construction, Safety. M. A. Levy and C. E. Smith. 2,200,627; May 14.
Door closer. W. Bannenberg. 2,209,553; July 30.
Door closer. J. S. Bernholtz. 2,187,109; Jan. 16.
Door closer. T. D. Berry. 2,198,402; Apr. 23.
Door closer. H. B. Gallinger. 2,199,628; May 7.
Door closer. N. B. Hurd. 2,192,745; Mar. 5.
Door closer. R. S. Potter. 2,216,695; Oct. 1.
Door closer. R. S. Potter. 2,226,257; Dec. 24.
Door closer and check. W. L. Sheppard. 2,192,156; Feb. 27.
Door closing and checking device. D. R. Lasier. 2,220,967; Nov. 12.
Door closing control mechanism. L. L. Westcamp. 2,226,037; Dec. 24.
Door closing control unit. L. L. Westcamp. 2,223,396; Dec. 3.
Door closing device for automotive vehicles. E. S. Witchger. 2,224,371; Dec. 10.
Door closing mechanism for automobiles. C. M. Sincerbeaux. 2,195,760; Apr. 2.
Door closure and check mechanism. G. Pariot. 2,223,045; Nov. 26.
Door construction. E. E. Beason. 2,203,856; June 11.
Door construction. W. G. Horstman. 2,203,264; June 4.
Door construction. H. J. Troche. 2,202,274; May 28.
Door construction and seal, Railway car. F. Oyen. 2,201,915; May 21.
Door construction for aircraft. H. L. Bowers. 2,196,546; Apr. 9.
Door construction for gins, Roll box. F. E. Deems. 2,192,685; Mar. 5.
Door construction, Garage. W. D. Ferris. 2,204,852; June 18.
Door construction, Garage. W. D. Ferris and C. R. Wolf. 2,217,437; Oct. 8.
Door construction, Overhead. S. L. Barlough. 2,214,653; Sept. 10.
Door construction, Overhead. A. V. Rowe. 2,189,019–20; Feb. 6.
Door construction, Refrigerator. W. P. Dodge. 2,206,717; July 2.
Door construction, Sliding. G. J. Hopkins. 2,192,063; Feb. 27.
Door control, Automotive vehicle. B. J. Craig. 2,210,230; Aug. 6.
Door control device. H. E. Hubbs. 2,220,766; Nov. 5.
Door control system. E. G. Parvin. 2,187,173; Jan. 16.
Door control, Vehicle. H. W. Smith and A. E. Cave. 2,219,340; Oct. 29.
Door-controlling means. A. C. Dunn. 2,190,653; Feb. 20
Door controlling mechanism, Vehicle. B. J. Craig. 2,187,935; Jan. 23.
Door controlling system. W. F. Weathers. 2,186,311; Jan. 9.
Door fastener. G. M. Coffey. 2,215,914; Sept. 24.
Door fastener. W. M. Dwyer. 2,204,753; June 18.
Door fastener. R. S. Fillmore. 2,194,789; Mar. 26.
Door for fish baskets, Trap. H. Roccabruna and L. Boschetto. 2,222,375; Nov. 19.
Door for railway cars. F. Oyen. 2,198,369; Apr. 23.
Door for railway cars, Grain. J. A. Schmitz. 2,203,107; June 4.
Door for starting gates. B. Steele. 2,193,257; Mar. 12.
Door frame and plaster bead. R. J. Mathias. 2,189,216; Feb. 6.
Door frame and the like. L. H. Lehman. 2,186,458; Jan. 9.
Doorframe, Ashpit. W. J. Groth. 2,199,590; May 7.
Doorframe, Water cooled. H. R. Loxterman. 2,195,538; Apr. 2.
Door handle. J. W. Barrington and M. White. 2,223,236; Nov. 26.
Door handle assembly. W. C. Devereaux. 2,199,100; Apr. 30.
Door handle, Motor vehicle. J. W. Johnson. 2,219,626; Oct. 29.
Door handle mounting. B. S. Floraday. 2,185,295; Jan. 2.
Door hinge. H. E. Marsh. 2,212,882; Aug. 27.
Door holder. W. E. Bernstein. 2,199,369; Apr. 30.
Doorknob, Combination. P. A. Keith. 2,201,494; May 21.
Doorknob construction, Plastic. M. Falk. 2,216,467; Oct. 1.
Door latch. C. E. Anderson. 2,209,551; July 30.
Door latch. W. A. Endter. 2,224,512; Dec. 10.
Door latch. J. Kliegl. 2,217,485; Oct. 8.
Door latch. R. E. Ott. 2,190,080; Feb. 13.
Door latch. H. H. Raymond. 2,188,139; Jan. 23.
Door latch. W. R. Schlage. 2,207,877; July 16.
Door latch. F. C. Schoch. 2,189,227; Feb. 6.
Door latch. F. M. Schultz. 2,194,528; Mar. 26.
Door latch, Automobile. R. E. Joyce, Jr. 2,190,518; Feb. 13.
Door latch handle, Receding. O. Schaffler. 2,208,818; July 23.
Door latch, Rattleproof. F. A. Sitko. 2,198,952; Apr. 30.
Door latch, Screen. J. T. Moore. 2,200,701; May 14.
Door latch, Vehicle. H. W. Rightmyer. 2,189,405; Jan. 6.
Door lift mechanism. J. J. Oleksiw. 2,226,737; Dec. 31.
Door lock. J. F. Ching. 2,202,086; May 28.
Door lock. W. S. Edwards. 2,212,316; Aug. 20.
Door lock. W. D. Ferris and C. R. Wolf. 2,198,079; Apr. 23.
Door lock. J. G. Hickman and B. A. Lamerand. 2,213,839; Sept. 3.
Door lock. C. A. Hillgren. 2,219,740; Oct. 29.
Door lock. J. Marsh. 2,209,574; July 30.
Door lock. F. A. Nilsson. 2,217,131; Oct. 8.
Door lock. W. R. Schlage. 2,187,058; Jan. 16.
Door lock. W. R. Schlage. 2,193,349; Mar. 12.
Door lock. W. R. Schlage. 2,215,109; Sept. 17.
Door lock. A. J. Schoenheit. 2,221,529; Nov. 12.
Door lock. E. G. Simpson. 2,196,477; Apr. 9.
Door lock, Automobile. A. Wartian. 2,195,195; Mar. 26.
Door lock, Refrigerator. W. Boerner. 2,210,229; Aug. 6.
Door lock, Showcase sliding. A. Vanderveld. 2,196,001; Apr. 2.
Door lock, Vehicle. E. E. Kuethe. 2,194,601; Mar. 26.
Door, Locking and cleaning coke oven. C. Otto and E. Grasshoff. 2,202,395; May 28.
Door locking and latching mechanism. E. N. Jacobi. 2,221,095; Nov. 12.
Door locking device, Automatic safety vehicle. A. S. Caponey. 2,185,909; Jan. 2.
Door locking device, Vehicle. T. H. Clarkson-Jones. 2,202,833; June 4.
Door locking mechanism. R. W. Springer. 2,218,183; Oct. 15.
Door locking mechanism. O. Velie. 2,199,765; May 7.
Door locking mechanism, Automobile. E. D. Dall. 2,221,181; Nov. 12.
Door locking system. T. H. Clarkson-Jones. 2,202,834; June 4.
Door mat cabinet. V. Stroup. 2,217,570; Oct. 8.
Door mechanism. N. F. Anderson. 2,217,852; Oct. 15.
Door mounting and latching means. S. R. Lovett. 2,195,991; Apr. 2.
Door of stoves and ranges. W. F. Rogers. 2,208,871; July 23.
Door on pneumatic unloaders, Double. H. Phelps. 2,199,894; May 7.
Door opening and closing mechanism for elevators. H. C. Crane. 2,193,860; Mar. 19.
Door opening and door checking device. E. L. Allen. 2,219,800; Oct. 29.
Door opening and door checking device. R. I. Schonitzer. 2,219,824; Oct. 29.
Door opening device. R. I. Schonitzer. 2,201,208; May 21.
Door opening device. R. I. Schonitzer. 2,219,819; Oct. 29.
Door opening device. R. I. Schonitzer. 2,219,821; Oct. 29.
Door opening, door checking, and door holding device. R. I. Schonitzer. 2,219,822; Oct. 29.
Door opening means. R. I. Schonitzer. 2,219,820; Oct. 29.
Door opening means. R. I. Schonitzer. 2,219,823; Oct. 29.
Door opening mechanism. W. F. Weathers. 2,204,638; June 18.
Door opening tool, Emergency. J. D. Tessier. 2,189,480; Feb. 6.
Door operating device. J. A. and W. W. McFarlane. 2,217,761; Oct. 15.
Door operating device. M. S. Westover. 2,227,115; Dec. 31.
Door-operating device, Double. R. H. Roof. 2,206,051; July 2.
Door operating implement, Car. T. H. Edelblute. 2,201,394; May 21.
Door operating means. G. H. Scragg. 2,223,050; Nov. 26.
Door operating mechanism. G. H. Babcock. 2,221,039; Nov. 12.
Door operating mechanism. R. Chambers. 2,218,505; Oct. 22.
Door operating mechanism. R. W. Foster. 2,194,650; Mar. 26.
Door operating mechanism. V. J. Gorman. 2,225,003; Dec. 17.
Door operating mechanism. L. D. Houlis. 2,222,841; Nov. 26.
Door operating mechanism. W. F. Weathers. 2,215,678; Sept. 24.
Door operating mechanism. A. O. Williams. 2,207,365; July 9.
Door operating mechanism. W. E. Williams. 2,198,796; Apr. 30.
Door operating mechanism, Auxiliary. D. C. E. Leonard. 2,208,309; July 16.

Door operating mechanism, Coke-oven. G. Salkvist. 2,190,297; Feb. 13.
Door operating mechanism, Mine car. E. J. Rose. 2,225,463; Dec. 17.
Door operating system. J. R. Newkirk. 2,223,637; Dec. 3.
Door operating system, Elevator. E. M. Bouton. 2,200,074; May 7.
Door operator. H. Baade. 2,194,782; Mar. 26.
Door operator, Garage. O. D. Boardman. 2,202,943; June 4.
Door operator, Garage. A. G. Krocker. 2,225,785; Dec. 24.
Door or drawer pull. S. P. Morgen. 2,222,320; Nov. 19.
Door or hatch construction and adjustable retaining means therefor, Ship. W. R. Cochran. 2,205,845; June 25.
Door or the like, Coke oven. P. van Ackeren. 2,200,403; May 14.
Door safety securing appliance, Vehicle. C. Haehnke. 2,211,928; Aug. 20.
Door sealing means. W. Young. 2,197,824; Apr. 23.
Doorstep for the home. H. I. Neal. 2,221,358; Nov. 12.
Doorstop. M. J. Sasgen. 2,217,996; Oct. 15.
Doorstop. R. C. Tartar. 2,225,528; Dec. 17.
Doorstop and holder for automobiles. A. W. Loecher. 2,206,744; July 2.
Door stop, Silent. J. A. Underhill. 2,189,048; Feb. 6.
Door structure. F. W. Hall. 2,207,148; July 9.
Door structure, Disappearing. C. F. Vanderveld. 2,189,233; Feb. 6.
Door structure, Refrigerator. F. D. Peltier. 2,198,838; Apr. 30.
Door structure, Telephone booth. P. H. Sherron. 2,208,166; July 16.
Door support and closer. H. Walrath. 2,217,878; Oct. 15.
Door track construction, Overhead. A. V. Rowe and W. A. Norberg. 2,196,903; Apr. 9.
Door, Turn-over. A. T. Prescott. Re. 21,650; Dec. 3.
Doorway construction. D. J. Seaman. 2,208,198; July 16.
Door with cable actuating mechanism, Upward acting. H. J. Siess and J. E. Casse. 2,201,635; May 21.
Doors, Application of securing means to glass. G. F. Erath. 2,200,387; May 14.
Doors, Making sheet metal vehicle. C. H. Widman. 2,198,069; Apr. 23.
Doors, Suspension of glass. G. F. Erath. 2,219,683; Oct. 29.
Dosage regulator and control wedge for hypodermic syringes. D. I. Pletcher. 2,216,354; Oct. 1.
Dosing mechanism. L. Pierce. 2,206,331; July 2.
Double acting Diesel engine. K. Torjussen. 2,193,576; Mar. 12.
Double-acting engine. R. Landolt. 2,212,665; Aug. 27.
Double-acting reciprocating pump. H. M. McNew. 2,217,287; Oct. 8.
Double acting valve. H. C. Buffington. 2,215,115; Sept. 17.
Double bonds into aliphatic compounds, Introducing. K. A. F. Pelikan, E. F. R. Schuelke, and D. von Mikusch-Buchberg. 2,198,884; Apr. 30.
Double capacity bag. A. V. Conklin. 2,212,390; Aug. 20.
Double exposure prevention device. C. J. Hughey. 2,218,241; Oct. 15.
Double purpose single pointer gauge. G. F. Ruopp. 2,223,579; Dec. 3.
Doubling and twisting machine, Combined. J. P. McHugh. 2,216,648; Oct. 1.
Douche appliance. L. B. Tucker. 2,199,844; May 7.
Dough cutter. P. Bartholomew. 2,206,316; July 2.
Dough cutter. A. Napolillo. 2,214,475; Sept. 10.
Dough feeder, Pneumatic. H. C. Rhodes. 2,221,327–8; Nov. 12.
Dough molders, Curling mechanism. F. G. Ricker. 2,211,580; Aug. 13.
Dough molding machine. H. C. Rhodes. 2,187,214; Jan. 16.
Dough molding machine. J. Sobel. 2,212,991; Aug. 27.
Dough moulding or balling machine. E. Christiansen. 2,214,523; Sept. 10.
Dough press. J. N. Velos. 2,206,861; July 9.
Dough rolling and cutting device. P. A. Rossi. 2,204,825; June 18.
Dough shaper, Sanitary. W. Halpern. 2,186,335; Jan. 9.
Dough, Treating. G. A. Williams. 2,194,107; Mar. 19.
Dough twister. R. P. Steadman and H. Kaplan. 2,216,787; Oct. 8.
Dough twisting machine. C. C. Guldbech. Re. 21,425; Apr. 16.
Dough working, conveying, and cutting table. C. G. Turner. 2,226,084; Dec. 24.
Doughnut machine. D. R. Bradshaw. 2,219,410; Oct. 29.
Doughnut machine. C. E. Carpenter. Re. 21,457; May 21.
Doughnut machine. F. C. Caswell and A. S. T. Lagaard. 2,208,877; July 23.
Doughnut machine. S. A. Gardner. 2,207,584; July 9.
Doughnut machine. A. S. T. Lagaard. 2,199,854–5; May 7.
Doughnut machine. A. S. T. Lagaard. 2,207,546; July 9.
Doughnut machine. A. S. T. Lagaard. 2,207,590; July 9.
Doughnut machine. A. S. T. Lagaard. 2,207,591; July 9.
Doughnut machine. A. S. T. Lagaard. 2,208,875–6; July 23.
Doughnut machine. F. Maier. 2,199,266; Apr. 30.
Doughnut machine. P. J. Toews. 2,199,119; Apr. 30.
Doughnut machine. P. J. Toews. 2,207,560–1; July 9.
Doughnut machine. P. J. Toews. 2,208,874; July 23.
Doughnut machine and the like. C. E. Carpenter. 2,201,364; May 21.
Doughnut machine, Portable. M. Helland. 2,197,270; Apr. 16.
Doughnut making apparatus. I. F. McDonald. 2,189,217; Feb. 6.
Doughnut-making machine. J. Price. 2,186,767; Jan. 9.
Dowel bar joint assembly. L. C. Thomas and R. R. Robertson. 2,207,168; July 9.
Dowel pin. E. T. Kindt. 2,221,141; Nov. 12.
Dowel pin cap. W. R. Michael. 2,216,979; Oct. 8.
Dowel plate joint and support. R. R. Robertson. 2,215,653; Sept. 24.
Down indicator. G. H. Rosenboom and V. E. Simmons. 2,208,009; July 16.
Down-spinning apparatus, Multiple. J. P. McHugh. 2,209,841; July 30.
Draft and buffing gear. J. H. Link. 2,216,951; Oct. 8.
Draft and buffing gear. R. J. Olander. 2,196,324; Apr. 9.
Draft apparatus, Long. C. Walsh and S. R. Walsh. 2,203,423; June 4.
Draft check. W. Serrick. 2,223,810; Dec. 3.
Draft check and control. J. B. Reinhard and L. J. Koch. 2,186,991; Jan. 16.
Draft control. C. T. Ashby and R. B. Hayne. 2,221,750; Nov. 19.
Draft control. B. C. Bertram. 2,222,501–2; Nov. 19.
Draft control. H. E. Handley. 2,222,663; Nov. 26.
Draft control, Automatic. N. Cunningham. 2,218,930; Oct. 22.
Draft control for wood burning heaters, Thermostatic down. H. C. Adams. 2,213,235; Sept. 3.
Draft control means. J. E. Whetstine. 2,186,354; Jan. 9.
Draft deflector. C. H. Traver. 2,211,035; Aug. 13.
Draft equalizer. E. Schruth. 2,223,134; Nov. 26.
Draft gear. R. B. Cottrell. 2,207,287–8; July 9.
Draft gear. R. B. Cottrell. 2,222,479; Nov. 19.
Draft gear. R. B. Cottrell and F. C. Kulieke. 2,212,365; Aug. 20.
Draft gear. R. C. Pierce and E. P. Kinne. 2,205,066; June 18.
Draft gear, Selective travel. D. F. Sproul. 2,187,333; Jan. 16.
Draft means. W. Van Der Sluys. 2,205,505; June 25.
Draft mechanism of tractors. J. V. Vallance. 2,224,091; Dec. 3.
Draft regulated furnace, Automatic. A. D. Cole. 2,200,415; May 14.
Draft regulator. A. C. Ekman. 2,193,274; Mar. 12.
Draft regulator. J. W. Miller. 2,194,608; Mar. 26.
Draft regulator for chimneys. E. N. Berg. 2,188,564; Jan. 30.
Draft rigging. W. J. Metzger. 2,194,563; Mar. 26.
Draft rigging. W. J. Metzger. 2,212,843; Aug. 27.
Draft rigging, Railway. O. K. Kjolseth. 2,209,229; July 23.
Draft sintering apparatus. O. Rolfsen. 2,193,698; Mar. 12.
Drafting and spinning mechanism. E. H. Rooney. 2,223,875; Dec. 3.
Drafting apparatus. R. H. Garner. 2,217,008; Oct. 8.
Drafting apparatus. C. Morton. 2,208,803; July 23.
Drafting board. P. L. M. Chaix. 2,225,903; Dec. 24.
Drafting equipment. F. W. Cotterman. 2,219,766; Oct. 29.
Drafting instrument. C. Gobel. 2,222,407; Nov. 19.
Drafting instrument. C. Trilling. 2,220,923; Nov. 12.
Drafting machine. V. B. Wallace. 2,226,882; Dec. 31.
Drafting means. H. L. De Lisle. 2,194,889; Mar. 26.
Drafting mechanism for rovings, slivers, and the like. R. M. Jones. 2,187,830; Jan. 23.
Drafting unit. T. Harris. 2,186,695; Jan. 9.
Drafts in furnace flues, Controlling the. W. B. Trethewey. 2,220,630; Nov. 5.
Drag bit, Changeable blade. F. L. Pivoto. 2,190,434; Feb. 13.
Drag link and producing same. R. E. Klages. 2,215,243; Sept. 17
Drag link body and making same. G. H. Hufferd and M. P. Graham. 2,202,909; June 4.
Drag, Surface treating. S. C. Costello. 2,227,296; Dec. 31.
Drain. W. G. Burr. 2,222,807; Nov. 26.
Drain. A. Ronning. 2,199,673; May 7.
Drain. A. Ronning. 2,199,675; May 7.
Drain. R. H. Shenk. 2,191,686; Feb. 27.
Drain and gearshift for washing machines, Combination. J. Mikulasek. 2,197,558; Apr. 16.
Drain and plug, Combination. A. C. Wiedoff. 2,190,278; Feb. 13.

Drain and strainer, Combination. J. E. Frances. 2,225,693; Dec. 24.
Drain assembly for washing machines and the like. A. H. Haberstump. 2,199,792; May 7.
Drain assembly for washing machines and the like. E. W. Rouch. 2,201,790; May 21.
Drain back flow check. F. Newton. 2,225,840; Dec. 24.
Drainboard, Folding. H. W. Altorfer. 2,208,109; July 16.
Drain cleaner. A. A. Schubring. 2,188,960; Feb. 6.
Drain cleaner. A. A. Schubring. 2,195,830; Apr. 2.
Drain cleaner. H. W. Whitaker. 2,197,716; Apr. 16.
Drain device, Automatic. H. Van Keuren and A. C. Wilkins. 2,214,844; Sept. 17.
Drain head, Adjustable leveling. S. Lukomski. 2,190,532; Feb. 13.
Drain, Sash. G. E. Strandt. 2,203,753; June 11.
Drain, Tank. G. Raymond. 2,193,466; Mar. 12.
Drain trap, Fluid. A. C. Recker. 2,210,179; Aug. 6.
Drain valve. R. S. Buck and H. W. Gunberg. 2,189,162; Feb. 6.
Draining device. A. B. Ljungström. 2,218,152; Oct. 15.
Drape and shade bracket, Window curtain. M. Massa. 2,192,477; Mar. 5.
Drapery and the like, Metallic. E. A. Conway. 2,224,379; Dec. 10.
Drapery fold holder. F. W. Steinmeyer. 2,212,055; Aug. 20.
Drapery hook. L. M. Hobson. 2,226,099; Dec. 24.
Drawbar and anchor. H. E. Van Dorn. 2,220,031; Oct. 29.
Drawbar carrier. H. E. Van Dorn. 2,226,485; Dec. 24.
Drawbar construction. W. O. Bechman. 2,187,411; Jan. 16.
Drawbench. M. Schunck. 2,190,889; Feb. 20.
Draw pin. E. A. Py. 2,196,780; Apr. 9.
Draw-works for rotary drilling apparatus. A. R. Maier. 2,187,623; Jan. 16.
Draw works line controller. P. M. Moss. 2,190,880; Feb 20.
Drawer and guide, Roller bearing. A. C. Kennedy. 2,202,209; May 28.
Drawer, Collapsible filing. H. L. Fellowes. 2,206,084; July 2.
Drawer for refrigerated locket system. W. McK. Baird. 2,226,962; Dec. 31.
Drawer guide. C. W. Koch. 2,223,071; Nov. 26.
Drawer mechanism for cash registers. A. C. Kirshner. 2,189,177; Feb. 6.
Drawer suspension. W. R. Hultberg. 2,199,260; Apr. 30.
Drawer suspension means. L. F. Dietz. 2,212,191; Aug. 20.
Drawer unit, Refrigerated. W. M. Baird. 2,218,632; Oct. 22.
Drawing and method of and medium for making the same. W. Isler. 2,224,271; Dec. 10.
Drawing and method of and medium for making the same. M. D. McIntosh. 2,224,269; Dec. 10.
Drawing apparatus. E. Brownjohn. 2,210,895; Aug. 13.
Drawing apparatus, Mechanical. T. Matson. 2,219,783; Oct. 29.
Drawing board. C. D. Lowry. 2,197,556; Apr. 16.
Drawing board, Compartment. J. L. Stenquist. 2,203,474; June 4.
Drawing device. R. Stagl. 2,189,371; Feb. 6.
Drawing instrument. C. M. Suffich. 2,212,703; Aug. 27.
Drawing mechanism. O. W. Schlums. 2,199,842; May 7.
Drawing mechanism for spinning apparatus. P. Litty. 2,206,360; July 2.
Drawing mechanism for spinning frames and the like. L. M. Cotchett. 2,193,552; Mar. 12.
Drawing mechanism for spinning frames and the like. B. L. Louie. 2,209,573; July 30.
Drawing mechanism for textile slivers. R. Balmes Solanas. 2,205,701; June 25.
Drawing-off device for combing machines. K. J. Schmitt. 2,210,343; Aug. 6.
Drawing press. H. F. MacMillin. 2,222,851; Nov. 26.
Drawing press. T. F. Stacy. 2,192,778; Mar. 5.
Drawing press and process. H. P. L. Laussucq. 2,217,172; Oct. 8.
Drawing stand. M. B. Cook and J. H. Taeuber. 2,197,359; Apr. 16.
Drawing tube. E. Dvorak. 2,207,245; July 9.
Drawrod, Direct. F. E. Rice. 2,210,634; Aug. 6.
Dredge. W. W. Johnson. 2,209,888; July 30.
Dredge for mining. B. O. Godfrey. 2,196,859; Apr. 9.
Dredge, Suction gold. W. Schierding. 2,195,541; Apr. 2.
Dredging, lifting, and conveying apparatus. M. Weinschenk. 2,224,282; Dec. 10.
Dress ensemble, Combination. C. Hildebrand. 2,207,007; July 9.
Dress, One-piece. J. Brown. 21,522; Aug. 6, 1940.
Dresser for abrasive wheels, Profile. E. A. Johnson and A. A. Emelianoff. 2,197,762; Apr. 23.
Dresser, Grinding wheel. F. E. Broberg. 2,199,149; Apr. 30.
Dressing device for saw teeth. V. M. Taylor. 2,199,325; Apr. 30.
Dressing mechanism. A. H. Candee and G. O. Richmond. 2,186,363; Jan. 9.
Dressing, Ore. B. R. Harris. 2,194,522; Mar. 26.
Drier: *See*—
Can drier.
Clothes drier.
Cotton drier.
Film drier.
Fin-drum drier.
Hair drier.
Laundry drier.
Mold skin drier.
Sand drier.
Sock drier.
Tenter drier.
Drier. R. G. Baughman. 2,187,799; Jan. 23.
Drier. C. E. Ives. 2,220,522; Nov. 5.
Drier. E. Kempf. 2,221,351; Nov. 12.
Drill. D. McClelland. 2,221,242; Nov. 12.
Drier. J. R. Spellacy. 2,207,360; July 9.
Drier and overlapper. R. J. Thompson. 2,203,605; June 4.
Drier and separator, Combined. K. Toensfeldt. 2,199,015; Apr. 30.
Drier and stretcher, Sweater. I. Schwartz. 2,188,986; Feb. 6.
Drier construction. W. Buck and J. R. Thygeson. 2,211,644; Aug. 13.
Drier for dough strings fed thereto and cut into portions looped on bars. E. Giezendanner. 2,208,900; July 23.
Drier for hair and the like. H. A. Smith. 2,201,506; May 21.
Drier for sheeting. W. Owen. 2,205,539; June 25.
Drift indicator. E. de Perrot. 2,190,977; Feb. 20.
Drift meter. G. V. Rylsky and L. E. Trefny. 2,215,565; Sept. 24.
Drill: *See*—
Adjustable multiple drill.
Cable tool drill.
Diamond drill.
Electric drill.
Expansion drill.
Internal combustion drill.
Marking drill.
Packer drill.
Percussion drill.
Portable drill.
Power drill.
Rock drill.
Trepanning drill.
Twist drill.
Well drill.
Drill. E. W. Everheart and V. A. Brussolo. 2,200,444; May 14.
Drill. C. H. Gardner, Jr. 2,196,208; Apr. 9.
Drill. T. H. Stancliff. 2,203,846; June 11.
Drill. R. L. Waxler. 2,198,849; Apr. 30.
Drill and like metal-cutting tools, Twist. J. Say. 2,204,030; June 11.
Drill bit. I. C. Bell. 2,201,219; May 21.
Drill bit. C. H. Black. 2,212,727; Aug. 27.
Drill bit. B. Hanly. 2,210,077; Aug. 6.
Drill bit. G. G. Harrington. 2,194,119; Mar. 19.
Drill bit. M. Hokanson. 2,203,216; June 4.
Drill bit. J. W. MacClatchie. 2,200,337; May 14.
Drill bit. P. H. Nast. 2,191,491; Feb. 27.
Drill bit. J. L. Reilly. 2,191,493; Feb. 27.
Drill bit. L. L. Sanders and G. C. Street. 2,194,675; Mar. 26.
Drill bit. J. F. Shaw. 2,201,379; May 21.
Drill bit. T. H. Stancliff. 2,197,541; Apr. 16.
Drill bit. J. A. Zublin. 2,207,188; July 9.
Drill bit holder. L. Travis. 2,211,393; Aug. 13.
Drill bit, Laminated disk. H. D. Sandstone. 2,203,747; June 11.
Drill bushing device. F. H. Rohr. 2,210,128; Aug. 6.
Drill chuck. M. P. Hubbell. 2,189,068; Feb. 6.
Drill, Cross roller earth boring. C. E. Reed. Re. 21,628; Nov. 19.
Drill detector, Broken or short. E. C. Carris. 2,218,872; Oct. 22.
Drill device, Straight hole. L. C. Backer. 2,194,631; Mar. 26.
Drill feeding mechanism. H. J. Schorle. 2,223,533; Dec. 3.
Drill fluting machine. H. E. Matthews. 2,218,716; Oct. 22.
Drill for drilling holes in wood. J. W. Stolle. 2,188,928; Feb. 6.
Drill grinding attachment, Twist. J. A. Yantiss. 2,202,819; June 4.
Drill guide. K. F. Leaman. 2,198,288; Apr. 23.
Drill guide. H. B. Lodge. 2,226,005; Dec. 24.
Drill guide for rotary rigs. D. B. Monroe. 2,197,019; Apr. 16.
Drill hole apparatus. E. D. and J. R. Wilcox. 2,190,901; Feb. 20.
Drill hole, Method and apparating for logging. P. Subkow and L. Dillon. 2,225,668; Dec. 24.
Drill machine control apparatus. E. Foshie. 2,190,284; Feb. 13.
Drill mechanism, Lateral. J. C. Rogers and J. D. Hall, Jr. 2,198,016; Apr. 23.
Drill pipe orienting tool. C. St. J. Bremner and C. M. Potter. 2,207,505; July 9.
Drill pipe protector. W. G. L. Smith. 2,197,531; Apr. 16.
Drill press. J. W. Wilford and S. S. Hargraves. 2,215,681; Sept. 24.
Drill, Rock. E. G. Gartin. Re. 21,548; Sept. 3.
Drill rotating device. C. L. Charles. 2,225,531; Dec. 17.
Drill sharpener attachment. G. K. Guenther. 2,217,545; Oct. 8.
Drill sleeve, Making a. B. F. Rosenberg. 2,206,292; July 2.
Drill stem circuit tester. D. G. Hawthorn and J. E. Owen. 2,189,900; Feb. 13.
Drill stem orienting device. L. S. Dewees. 2,197,790; Apr. 23.
Drill stem section. D. G. Hawthorn. 2,197,392; Apr. 16.

Drill stem, Semithreadless. A. Boynton. 2,226,547; Dec. 31.
Drill stems, Method and apparatus for orienting. G. A. Smith. 2,187,367; Jan. 16.
Drill support. A. M. Stoner. 2,207,231; July 9.
Drill transmission, Grain. K. H. Krause. 2,219,958; Oct. 29.
Drilling and coring apparatus. J. F. Chappell. 2,204,844; June 18.
Drilling and riveting machine. O. Oeckl, K. Weinhold, W. Pleines, and L. Kessler. 2,216,403; Oct. 1.
Drilling and tapping machine, Combined. G. W. Irwin. 2,189,422; Feb. 6.
Drilling apparatus. W. T. Caldwell. 2,194,066; Mar. 19.
Drilling apparatus. H. W. Cardwell. 2,213,362; Sept. 3.
Drilling apparatus. J. E. Hoffoss. 2,212,067; Aug. 20.
Drilling apparatus. J. W. Hornbrook. 2,215,928; Sept. 24.
Drilling apparatus. H. W. Huber. 2,190,235; Feb. 13.
Drilling apparatus. C. F. Osgood. 2,218,491; Oct. 15.
Drilling apparatus, Directional. G. L. Scott, J. F. Shaw, and W. B. Noble. 2,227,233; Dec. 31.
Drilling apparatus, Rotary. J. A. Dunn and W. Elliot. 2,192,584; Mar. 5.
Drilling apparatus, Rotary. H. C. Johansen. Re. 21,616; Nov. 5.
Drilling apparatus, Rotary. H. C. Johansen. 2,192,192; Mar. 5.
Drilling bit. C. R. Athy. 2,215,494; Sept. 24.
Drilling bit. T. H. Stancliff. 2,210,101; Aug. 6.
Drilling bit, Compact roller. J. A. Zublin. 2,201,569; May 21.
Drilling bit, Fluid and rotary driven. J. A. Zublin. 2,207,187; July 9.
Drilling equipment, Rotary. J. C. Fortune and W. R. Walne. 2,221,376; Nov. 12.
Drilling fixture. P. R. Aronson. 2,225,426; Dec. 17.
Drilling fluid. P. H. Jones and A. L. Blount. 2,195,798; Apr. 2.
Drilling fluid and preparing same, Oil base. T. V. Moore. 2,216,955; Oct. 8.
Drilling fluid composition. J. W. Freeland and H. T. Byck. 2,214,366; Sept. 10.
Drilling fluid, Testing. J. T. Ledbetter. 2,217,175; Oct. 8.
Drilling fluids, Nonaqueous. P. H. Huisman. 2,220,681; Nov. 5.
Drilling head, Rotary. A. L. Leman and G. E. Nevill. 2,222,082; Nov. 19.
Drilling hook. H. E. Grau and R. K. Hertel. 2,203,139; June 4.
Drilling implement. P. H. Nast. 2,191,492; Feb. 27.
Drilling machine. J. E. Elf, C. E. Lucas, and T. Christie. 2,214,665–6; Sept. 10.
Drilling machine. L. Paradis. 2,215,273; Sept. 17.
Drilling machine, Rotary. R. R. Bloss. 2,223,779; Dec. 3.
Drilling machine, Rotary. T. S. Park. 2,201,673; May 21.
Drilling mechanism, Portable. G. L. Hassler. 2,214,370; Sept. 10.
Drilling rig, Rotary. W. T. Caldwell and J. P. Lang. 2,188,107; Jan. 23.
Drilling shaft coupling. W. F. Sheffield. 2,215,770; Sept. 24.
Drilling system. H. E. Grau and J. D. Chesnut. 2,187,969; Jan. 23.
Drilling tool. J. D. Brock, L. R. Leissler, and R. A. Warren. 2,194,267; Mar. 19.
Drilling tool. P. A. Williams. 2,215,948; Sept. 24.
Drilling tool, Well. T. A. Creighton and T. E. McMahan. 2,206,222; July 2.
Drilling, Underwater. V. Voorhees. 2,187,871; Jan. 23.
Drills, Connecting miners' extension. M. J. Kittrell and L. C. Hardsocg. 2,210,296; Aug. 6.
Drink mixer. R. A. Blish and H. D. Rench. 2,222,601; Nov. 26.
Drink mixer. L. Myers. 2,192,199; Mar. 5.
Drink mixing machine, Multiple. J. Brotheridge. 2,218,808; Oct. 22.
Drink vender structure. R. A. Nicholson. 2,227,196; Dec. 31.
Drinks, Dispensing cold. P. Schlumbohm. 2,190,084; Feb. 13.
Drip collector. H. S. Safrit. 2,196,943; Apr. 9.
Drip dispenser. P. Jaschke. 2,206,191; July 2.
Drive. W. G. Peters. 2,208,051; July 16.
Drive. F. A. Reece. 2,193,344; Mar. 12.
Drive, Adjustable. L. Sloan. 2,196,479; Apr. 9.
Drive and brake mechanism, Dual wheel. A. C. Velo. 2,222,695; Nov. 26.
Drive and control device, Hydraulic. H. J. Atkins and S. B. Bennett. 2,201,878; May 21.
Drive and feed for stokers, Line. H. H. Fitch. 2,208,757; July 23.
Drive and seal for pumps and the like. F. W. Heckert. 2,192,588; Mar. 5.
Drive and timing mechanism. L. L. Ludington. 2,212,348; Aug. 20.
Drive, Automotive. W. Ferris. 2,222,144; Nov. 19.
Drive chain, Heavy duty. H. S. Pierce. 2,199,292; Apr. 30.
Drive, Cloth roll. H. H. Burdett. 2,226,090; Dec. 24.
Drive, Dobby. B. O. Randall. 2,214,594; Sept. 10.
Drive, Drillstem. J. A. Smethers. 2,187,405; Jan. 16.
Drive, Dual speed. E. H. Shaff. 2,198,921; Apr. 30.
Drive, Engine starter. B. W. Jones. 2,218,754; Oct. 22.
Drive, Engine starter. Y. Sekella. 2,224,525; Dec. 10.
Drive, Fluid coupling compressor. D. S. Eddins. 2,220,321; Nov. 5.
Drive for a roll to maintain constant web stress. K. G. Tiselius and N. J. E. Haglöf. 2,214,355; Sept. 10.
Drive for aircraft engines, Selective speed propeller. W. G. Lundquist. 2,225,121; Dec. 17.
Drive for compressors, Internal combustion engine. C. R. Neeson. 2,187,712; Jan. 16.
Drive for cycles, Motor. H. Mayr. 2,214,106; Sept. 10.
Drive for furnaces, Multiple fan. G. P. Lessmann. 2,221,593; Nov. 12.
Drive for gun turrets, Ward-Leonard. A. Gietmann. 2,220,644; Nov. 5.
Drive for jacquards for terry looms. H. V. Foster. 2,219,771; Oct. 29.
Drive for multiplex systems, Synchronous motor. R. E. Mathes. 2,194,509; Mar. 26.
Drive for photographic apparatus, Take-up. O. Wittel. 2,211,358; Aug. 13.
Drive for rail vehicles, Individual axle. R. Roosen, U. Barske, and H. Carl. 2,219,081; Oct. 22.
Drive for spindles of engraving machines and the like, Variable. J. Ostler. 2,208,430; July 16.
Drive for vehicle wheels, Fluid. C. H. Glynn, Jr. 2,221,705; Nov. 12.
Drive for winding machines. G. C. D. Vallie. 2,223,155; Nov. 26.
Drive gearing for engine starters. D. P. Kearney. 2,218,972; Oct. 22.
Drive, Intermittent. E. L. Smith. 2,210,734; Aug. 6.
Drive, Link cable. L. Bishop. 2,223,906; Dec. 3.
Drive, Machine tool. J. M. Walter. 2,215,627; Sept. 24.
Drive means for centrifugal separators. B. H. Thurman. 2,216,679; Oct. 1.
Drive mechanism. J. P. Beattie. 2,186,797; Jan. 9.
Drive mechanism. W. Beck. 2,193,683; Mar. 12.
Drive mechanism. E. W. Forstrom. 2,208,453; July 16.
Drive mechanism. R. W. Scott. 2,218,726; Oct. 22.
Drive mechanism for shaker conveyers. W. W. Sloane. Re. 21,318; Jan. 9.
Drive mechanism for shaker conveyers. W. W. Sloane. 2,215,338; Sept. 17.
Drive mechanism for twister frames. R. F. Bergmann, C. C. Walters, and F. J. Samerdyke. 2,203,665; June 11.
Drive mechanism for washing machines, Variable stroke agitator. T. J. Litle, Jr. 2,194,430; Mar. 19.
Drive mechanism for windshield wipers. A. J. Richards. 2,218,719; Oct. 22.
Drive mechanism, Hydraulic. H. N. Bliss and G. E. Fenton. 2,200,832; May 14.
Drive mechanism, Intermittent. R. E. Bassett, Jr. 2,208,831; July 23.
Drive mechanism, Reversible. R. W. Wagner. 2,218,368; Oct. 15.
Drive, Microvariable paper machine. M. T. Weston. 2,219,856; Oct. 29.
Drive, Motor vehicle. H. Hollmann, W. G. Van Voorhis, and C. A. Crabiel. 2,215,506; Sept. 24.
Drive, Moving stairway handrail. D. L. Lindquist and A. E. Handy. 2,221,403; Nov. 12.
Drive, Multiple wheel vehicle. T. A. Peterman. 2,213,473; Sept. 3.
Drive, Paper machine. M. T. Weston. 2,219,857; Oct. 29.
Drive pin. W. A. Purtell. 2,219,197; Oct. 22.
Drive, Planetary gear. W. B. Osborne. 2,189,220; Feb. 6.
Drive, Positive variable speed. E. F. Kerkhoff. 2,220,343; Nov. 5.
Drive, Power take-off. B. Nightenhelser and J. Ballard. 2,192,146; Feb. 27.
Drive, Push bench. S. Smith. 2,188,822; Jan. 30.
Drive, Reduction. A. Korff. 2,225,957; Dec. 24.
Drive, Speed changing. C. Roehri. 2,213,327; Sept. 3.
Drive, Telescoping kelly. K. R. Teis and W. O. Moore. 2,222,207; Nov. 19.
Drive tension means, Flexible. C. E. Wood. 2,226,887; Dec. 31.
Drive transmission. M. A. Holpfer. 2,215,103; Sept. 17.
Drive transmission, Four wheel. K. D. Kysor. 2,223,522; Dec. 3.
Drive, Traveling tread. H. N. Ekbom. 2,218,258; Oct. 15.
Drive unit for locomotives, Resilient. N. E. Gee. 2,188,042; Jan. 23.
Drive, Variable speed. D. Heyer. 2,215,831; Sept. 24.
Drive, Variable speed. O. I. Judelshon. 2,191,531; Feb. 27.
Drive, Variable speed supercharger. A. T. Gregory. 2,187,737; Jan. 23.
Driving and stopping mechanism. O. R. Haas. 2,209,455; July 30.
Driving assembly. T. L. Fawick. 2,213,000; Aug. 27.
Driving device. L. Robin and M. van Roggen. 2,225,278; Dec. 17.
Driving device for milling machines. V. Jereczek. 2,208,986; July 23.
Driving head for lathes. J. N. Ingalsbe. 2,194,391; Mar. 19.

Driving means for connecting driving and driven members, Releasable. W. R. Redd. 2,205,838; June 25.
Driving means for engraving and copying machines. K. Zwick. 2,204,841; June 18.
Driving mechanism. P. A. Abramoska. 2,217,037; Oct. 8.
Driving mechanism. R. H. Lawson. 2,221,875; Nov. 19.
Driving mechanism. J. Oakley. 2,225,249; Dec. 17.
Driving mechanism. D. D. Taylor. 2,212,993; Aug. 27.
Driving mechanism. C. R. Waseige. 2,195,139; Mar. 26.
Driving mechanism for glass working machines. T. F. Pearson. 2,197,436; Apr. 16.
Driving mechanism for gramophones. M. R. Kucznierz. 2,213,524; Sept. 3.
Driving mechanism for printing presses. A. J. Cline. 2,211,002; Aug. 13.
Driving mechanism for reciprocating conveyers. E. F. Tafel. 2,214,755; Sept. 17.
Driving mechanism for rotary printing presses. H. M. Barber. 2,219,734; Oct. 29.
Driving mechanism for screw drivers and drills. T. S. Barbeau. 2,219,509; Oct. 29.
Driving mechanism for wool card strippers. E. Clark. 2,205,920; June 25.
Driving mechanism of the barrel type. P. G. Cazes. 2,205,083; June 18.
Drop dispensing bottle. E. Kirmes. 2,212,567; Aug. 27.
Drop end gate latch. W. B. Moir and J. W. Galinis. 2,220,263; Nov. 5.
Drop leaf extension table. W. M. Hyland. 2,187,423; Jan. 16.
Drop-leaf table, Extensible. A. M. Ellington. 2,213,695; Sept. 3.
Drop pit apparatus. J. E. Minty. 2,196,468; Apr. 9.
Dropper, Batter. M. and H. Bramson. 2,201,222; May 21.
Drum. W. Gussak. 2,204,987; June 18.
Drum. E. Hamel. 2,212,775; Aug. 27.
Drum and the like percussion instrument, Musical. C. F. Deans and A. E. Busby. 2,198,406; Apr. 23.
Drum, Barking. G. A. Koebke. 2,208,004; July 16.
Drum brake. C. C. Farmer. 2,194,745; Mar. 26.
Drum, Collapsible. H. C. Bostwick. 2,201,468; May 21.
Drum, Dispenser. T. De Stefani. 2,219,206; Oct. 22.
Drum for mass production articles, Ball polishing. K. Gürtelmeier. 2,209,080; July 23.
Drum for smoothing surfaces. W. P. Hilger, R. E. McFadden, and J. E. Swalinkavich, Jr. 2,220,370; Nov. 5.
Drum handling apparatus. M. E. Dice. 2,196,178; Apr. 9.
Drum making machine. L. Pardini. 2,209,033; July 23.
Drum, Mixing. A. W. Cutler. 2,223,443; Dec. 3.
Drum, Nonrefillable. C. Sabatt and D. F. Manion, Jr. 2,195,321; Mar. 26.
Drum, Sanding. J. O. Schulte. 2,192,804; Mar. 5.
Drum, Tire building. F. S. Sternad. 2,214,825; Sept. 17.
Drum washing apparatus. J. C. Connal. 2,195,202; Mar. 26.
Drums, Making brake. A. S. Van Halteren and J. A. Watson. 2,213,829; Sept. 3.
Dry cell, Leakproof. H. R. C. Anthony. 2,198,423; Apr. 23.
Dry concentration, Method of and apparatus for. G. W. Beach. 2,186,599; Jan. 9.
Dry electrolytic condenser. N. Schnoll. 2,225,801; Dec. 24.
Dry ice car. W. F. Dietrichson. 2,226,699; Dec. 31.
Drying agent and making and using the same. W. A. Hammond. 2,203,144; June 4.
Drying apparatus. J. E. Cady. 2,213,303; Sept. 3.
Drying apparatus. J. F. Dietrich. 2,211,767; Aug. 20.
Drying apparatus. G. J. Gates. 2,197,178; Apr. 16.
Drying apparatus and method. H. F. Hagemeyer. 2,201,038; May 14.
Drying apparatus, Method of and mechanism for operating a. L. Pierce. 2,224,608; Dec. 10.
Drying machine for cylindrical articles. F. R. Schaefer. 2,219,166; Oct. 22.
Drying method. B. Offen. 2,226,319; Dec. 24.
Drying method and apparatus. E. Altenkirch. 2,185,760; Jan. 2.
Drying method and apparatus. B. Offen. 2,225,505; Dec. 17.
Drying, Method of and apparatus for. M. Y. Seaton. 2,193,569; Mar. 12.
Drying solutions containing lactose. C. O. Lavett. 2,188,907; Feb. 6.
Drying system for seed cotton. C. A. Bennett. 2,189,099; Feb. 6.
Dual-ratio mechanism for automobiles. C. M. Wert. 2,197,575; Apr. 16.
Dual rim mounting. J. G. Swain. 2,188,271; Jan. 23.
Dual-voltage apparatus. E. W. Scott and R. H. Tull. 2,208,395–6; July 16.
Dual wheel. G. Quillin. 2,217,993; Oct. 15.
Dual wheel vehicle. C. S. Ash. 2,194,199; Mar. 19.
Dual wheel vehicle. C. S. Ash. 2,206,216; July 2.
Dual wheeled vehicle. K. E. Canfield. 2,213,383; Sept. 3.
Dual wheeled vehicle. H. N. Durham. 2,210,572; Aug. 6.
Duct, Bus. M. J. De Mask. 2,191,645; Feb. 27.
Duct heating system. R. L. Davison. 2,209,324; July 30.
Duct, Underfloor. W. C. Robinson. 2,207,201; July 9.
Ductor roller control for printing presses. F. Zablocki. 2,203,070; June 4.
Dulcitol and mannitol borates and salts thereof. C. Bremer. 2,223,948; Dec. 3.
Dulcitol and mannitol monoborate monocendensation products, Preparing. C. Bremer. 2,224,011; Dec. 3.
Dumbbell and Indian club, Combination. N. L. Paves. 2,223,574; Dec. 3.
Dumb-waiter control system. L. H. Kiesling. 2,188,357; Jan. 30.
Dummy, Football. C. W. Bachman and W. A. Davenport. 2,197,545; Apr. 16.
Dummy, Portable. M. J. Gilman. 2,203,259; June 4.
Dump car. J. P. Anderson. 2,189,336; Feb. 6.
Dump car. J. P. Anderson. 2,199,554; May 7.
Dump car. A. C. Schmohl. 2,201,945; May 21.
Dump mechanism for toy railroads, Trackside. W. E. Rexford. 2,226,875; Dec. 31.
Dump valve, Fuel tank. H. E. Heigis. 2,200,922; May 14.
Dump vehicle. H. F. Flowers. 2,200,271; May 14.
Dump vehicle body mounting. S. F. Armington. 2,222,698; Nov. 26.
Dumping mechanism. H. C. Frentzel, Jr., and C. G Novotny. 2,190,869: Feb. 20.
Dumping mechanism for truck bodies. W. F. Ehrick and R. A. Garverick. 2,192,128; Feb. 27.
Dumping vehicle. P. H. Begin. 2,219,585; Oct. 29.
Dumping vehicle. A. S. Pabian. 2,195,995; Apr. 2.
Duplex pump. B. D. Barton, A. P. Adney, and H. A. Bentley. 2,223,592; Dec. 3.
Duplex pump. K. P. Neilsen. 2,206,466; July 2.
Duplex steam motor. G. E. Campbell. 2,216,639; Oct. 1.
Duplicating apparatus. H. Jagger. 2,188,598–9; Jan. 30.
Duplicating apparatus. A. Marchev. 2,222,984; Nov. 26.
Duplicating apparatus. A. Marchev and M. P. Neal. 2,220,255; Nov. 5.
Duplicating apparatus. F. W. Storck. 2,218,304; Oct. 15.
Duplicating band. J. Bjorksten. 2,191,514; Feb. 27.
Duplicating device. R. F. Bellack. 2,215,995; Sept. 24.
Duplicating device. M. J. Doppelt. 2,203,192; June 4.
Duplicating device. A. Marchev. 2,195,491; Apr. 2.
Duplicating device. A. Marchev. 2,225,421; Dec. 17.
Duplicating device. A. Marchev. 2,225,749; Dec. 24.
Duplicating device and producing it. A. Marchev. 2,216,594; Oct. 1.
Duplicating machine. S. Berman. 2,215,495; Sept. 24.
Duplicating machine. E. J. Cook. 2,213,305; Sept. 3.
Duplicating machine. A. Costello. 2,212,659; Aug. 27.
Duplicating machine. J. J. Flanigan. 2,185,188; Jan. 2.
Duplicating machine. F. R. Ford. 2,197,036; Apr. 16.
Duplicating machine. M. Harding and H. L. Weigel. 2,214,960; Sept. 17.
Duplicator, Rotary. S. Horii. 2,198,728; Apr. 30.
Duplicating machine. H. Jagger. 2,194,553; Mar. 26.
Duplicating machine. E. K. Johansen. 2,190,988; Feb. 20.
Duplicating machine. W. A. Kropp. 2,188,600; Jan. 30.
Duplicating machine. A. P. Lee. 2,212,347; Aug. 20.
Duplicating machine. A. Marchev and R. F. Morrison. 2,216,593; Oct. 1.
Duplicating machine. J. R. Nalbach. 2,189,921; Feb. 13.
Duplicating machine and block-out means therefor, Liquid process. H. Jagger. 2,220,244; Nov. 5.
Duplicating machine and block-out means therefor, Liquid process. R. F. Morrison. 2,220,265; Nov. 5.
Duplicating machine, Rotary. G. R. Hudson. 2,216,591; Oct. 1.
Duplicating machines, Moistening. R. F. Morrison. 2,207,932; July 16.
Duplicating means. H. Jagger. 2,207,922; July 16.
Duplicator. H. Hildebrandt. 2,220,242; Nov. 5.
Duplicator, Rotary. W. Ritzerfeld. 2,220,283; Nov. 5.
Durohydroquinone-monophytyl-ether and manufacture of same. O. Isler. 2,216,841; Oct. 8.
Dust applying machine. D. Parker. 2,226,136; Dec. 24.
Dust at wire supports of electrical precipitators, Charging. G. W. Penney. 2,221,603; Nov. 12.
Dust collecting element and making the same. H. W. Webb. 2,224,172; Dec. 10.
Dust collecting plant. H. van Tongeren. 2,205,966; June 25.
Dust collection, Apparatus for. H. W. Pfeffer and H. O. Danz. 2,188,206; Jan. 23.
Dust collector. E. L. Anderson. 2,188,547; Jan. 30.
Dust collector. J. Butera. 2,202,372; May 28.
Dust collector. J. H. Hamilton. 2,204,590; June 18.
Dust collector and air filter. L. E. Seng. 2,196,839; Apr. 9.
Dust collector, Variable flow. A. W. Knight. 2,209,339; July 30.
Dust collector, Wet type. E. F. Fisher. 2,224,429; Dec. 10.
Dust elimination. S. B. Roberts. 2,186,125; Jan. 9.
Dust extraction. T. G. Nyborg. 2,200,891; May 14.
Dust filter. R. W. Williams. 2,215,282; Sept. 17.
Dust in coal mines, Laying. E. Mori. 2,222,370; Nov. 19.
Dust indicator. W. M. Schweickart. 2,195,842; Apr. 2
Dust, laying of. W. Kritchevsky. 2,195,573; Apr. 2.
Dustpan. A. H. Anderson. 2,219,216; Oct. 22.

Dustpan. D. Blake. 2,197,918; Apr. 23.
Dustpan, Automatic. A. O. Price. 2,224,694; Dec. 10.
Dustpan mechanism. N. W. Cummins. 2,216,185; Oct. 1.
Dust precipitator. W. Linder. 2,194,361; Mar. 19.
Dust separating and collecting device. E. J. Crane and D. T. Smith. 2,192,515; Mar. 5.
Dust separator. H. H. Bubar. 2,221,073; Nov. 12.
Dust separator impeller, Rotary. S. G:Son Sylvan. 2,224,617; Dec. 10.
Duster. J. E. Oys. 2,208,853; July 23.
Duster. J. E. Oys. 2,226,013; Dec. 24.
Duster attachment for vacuum cleaners, Feather. H. D. Brand. 2,214,989; Sept. 17.
Duster, Wool. W. W. Windle. 2,217,851; Oct. 15.
Dusting apparatus. C. G. Allgrunn. 2,204,099; June 11.
Dusting composition. A. M. Boyce. 2,191,421; Feb. 20.
Dusting composition. L. E. Mills. 2,210,945; Aug. 13.
Dusting device. J. A. Perry. 2,200,676; May 14.
Dusting machine. J. A. Chater. 2,206,876; July 9.
Dusting machine. R. Moon. 2,212,032; Aug. 20.
Dusting pump. G. Wenzelmann. 2,217,577; Oct. 8.
Dusting tool for suction cleaners. H. B. White. 2,212,679; Aug. 27.
Dye and photographic emulsion, Hydroxyalkyl cyanine. L. G. S. Brooker and L. A. Smith. 2,213,238; Sept. 3.
Dye and photograph emulsion, Merotricarbocyanine. L. G. S. Brooker. 2,186,624; Jan. 9.
Dye, Carbocyanine. L. G. S. Brooker and R. H. Sprague. 2,226,156; Dec. 24.
Dye composition, Vat. J. G. Kern. 2,211,126; Aug. 13.
Dye compositions. I. F. Chambers and A. L. Fox. 2,205,032; June 18.
Dye compounds and coloring therewith, Azo. J. G. McNally and J. B. Dickey. 2,196,776; Apr. 9.
Dye compounds and material colored therewith, Azo. J. B. Dickey and J. R. Byers. 2,226,198; Dec. 24.
Dye compounds and material colored therewith, Azo. J. G. McNally and J. B. Dickey. 2,200,005; May 7.
Dye compounds, Polyazo. A. R. Murphy and S. S. Rossander. 2,191,801; Feb. 27.
Dye containing aromatic nucleus of the diphenyl series, Insoluble azo. M. A. Dahlen, N. M. Bigelow, and F. Zwilgmeyer. 2,193,553; Mar. 12.
Dye intermediate. F. Zwilgmeyer. 2,193,996; Mar. 19.
Dye, Merocyanine. L. G. S. Brooker. 2,211,762; Aug. 20.
Dye, Oil soluble acylated. A. W. Ralston and R. J. Vander Wal. 2,209,902; July 30.
Dye, Ortho-hydroxy azo. O. Hoffmann and H. Lange. 2,218,986; Oct. 22.
Dye, Soluble egg. F. Heden. 2,199,201; Apr. 30.
Dye spattering machine. H. C. Wolfenden. 2,199,093; Apr. 30.
Dye stain. H. A. Lubs. 2,225,603; Dec. 17.
Dye stripping. D. J. Block. 2,222,526; Nov. 19.
Dyeing. J. B. Dickey. 2,186,629; Jan. 9.
Dyeing. J. G. Evans, H. A. Piggott, and C. S. Woolvin. 2,201,814; May 21.
Dyeing. P. Rabe and H. Roos. 2,203,305; June 4.
Dyeing composition and method, Hair. W. Kritchevsky. 2,185,467; Jan. 2.
Dyeing machine. J. L. Chaussabel. 2,218,811; Oct. 22.
Dyeing machine. D. Potts. 2,221,489; Nov. 12.
Dyeing machine, Automatic. F. C. Rankin. 2,225,350; Dec. 17.
Dyeing with sulphur black dyestuffs. J. L. Crist. 2,193,328; Mar. 12.
Dyeings. S. Petersen, O. Bayer, and C. Taube. 2,190,848; Feb. 20.
Dyeings and prints on textile material, Production of. B. Verity. 2,224,280; Dec. 10.
Dyeings and the dyed fiber obtained thereby, Producing fast. G. Kränzlein, W. Kirst, and C. J. Müller. 2,208,932; July 23.
Dyeings fast to light. H. Rein. 2,209,251; July 23.
Dyeings, Improving the fastness of. S. Petersen. 2,214,067; Sept. 10.
Dyeings, Producing. C. Graenacher. 2,187,453; Jan. 16.
Dyeings, Producing. C. Graenacher. 2,204,932–3; June 18.
Dyeings, Producing fast. F. Ebel and K. Koeberle. 2,192,127; Feb. 27.
Dyeings, Producing fast. W. Kirst. 2,213,193; Sept. 3.
Dyes and manufacturing the same, Blue sulphur. N. M Bigelow and J. E. Cole. 2,212,821; Aug. 27.
Dyes and preparation thereof, Polymethine. E. B. Middleton. 2,202,991; June 4.
Dyes and preparing them, Merocyanine. L. G. S. Brooker. 2,185,182; Jan. 2.
Dyes and preparing them, Polymethine. G. H. Keyes and L. G. S. Brooker. 2,185,343; Jan. 2.
Dyes and the preparation thereof, Methine. G. H. Keyes. 2,186,608; Jan. 9.
Dyes, Azo. J. W. Lang and C. K. Black. 2,189,806; Feb. 13.
Dyes, Azo. S. S. Rossander. Re. 21,476; June 4.
Dyes, Azo. S. S. Rossander and C. E. Sparks. 2,204,229–30; June 11.
Dyes, Basic triarylmethane. W. Müller and W. Schepss. 2,191,674; Feb. 27.
Dyes, Benzothiazinomerocyanine. B. Beilenson. 2,213,730; Sept. 3.
Dyes, Colloidized vat. M. L. Crossley, R. H. Kienle, and G. L. Royer. Re. 21,402; Mar. 19.
Dyes, Coloring with azo. J. G. Kern. 2,205,416; June 25.
Dyes derived from 4-methyl-quinoline derivatives, Trimethine cyanine. E. B. Middleton and G. A. Dawson. 2,201,816; May 21.
Dyes, Disazo. W. Benade. 2,195,443; Apr. 2.
Dyes from substituted mercapto derivatives, Preparing cyanine. L. G. S. Brooker. 2,202,827; June 4.
Dyes in cyanidation. R. B. Booth. 2,220,034; Oct. 29.
Dyes, Manufacture of disazo. G. Matthaeus. 2,214,337; Sept. 10.
Dyes, Metallized acid polyazo. M. L. Crossley and L. M. Shafer. 2,213,647; Sept. 3.
Dyes, Metallized acid polyazo. M. L. Crossley and L. M. Shafer. 2,220,396–7; Nov. 5.
Dyes, Nonamethine. W. Dieterle and O. Reister. 2,211,408; Aug. 13.
Dyes, Polymethine. O. Riester. 2,204,188; June 11.
Dyes, Preparing dicarbocyanine. F. M. Hamer. 2,218,450; Oct. 15.
Dyes, Sulphur. W. Hagge and K. Haagen. 2,222,482; Nov. 19.
Dyes, Thiazinocyanine. B. Beilenson. 2,226,153; Dec. 24.
Dyes with strong organic bases, Preparing cyanine. L. G. S. Brooker. 2,189,599; Feb. 6.
Dyestuff, Acid green indolyldiphenylmethane. P. Wolff and E. Beniers. 2,202,038; May 28.
Dyestuff, Acid indolyldiphenylmethane. P. Wolff and E. Beniers. 2,202,037; May 28.
Dyestuff components, Improving the stability of alkaline solutions of phenolic azo. T. P. W. Sanders and J. van Rensen. 2,199,925; May 7.
Dyestuff intermediate. A. E. Everest and J. A. Wallwork. 2,193,556–7; Mar. 12.
Dyestuff intermediates of the anthraquinone series. W. L. Rintelman. 2,204,970; June 18.
Dyestuff mixtures and producing fast gray and black prints. H. Wenk and F. Grieshaber. 2,193,751; Mar. 12.
Dyestuff of the phthaloyl quinazoline series, Vat. F. Baumann and H. W. Schwechten. 2,187,813; Jan. 23.
Dyestuff of the quinazoline series, Vat. F. Baumann and H. W. Schwechten. 2,187,812; Jan. 23.
Dyestuff pastes of dyestuffs of the dibenzanthrone class and preparing them. O. Stallmann. 2,185,871; Jan. 2.
Dyestuff, Phthalocyanine. B. Bienert and S. Gassner. 2,213,517; Sept. 3.
Dyestuff preparation, Dry. D. A. W. Fairweather. 2,203,257; June 4.
Dyestuff, Water soluble oxazine. F. Hess and H. Pardon. 2,225,476; Dec. 17.
Dyestuffs, Acid diamino-triphenyl-methane. P. H. Wolff, H. Moehrke, and G. Schäfer. 2,192,118; Feb. 27.
Dyestuffs, Acid pyronine. P. H. Wolff and K. Frank. 2,197,846; Apr. 23.
Dyestuffs, Acid wool. H. Ritter. 2,213,608; Sept. 3.
Dyestuffs and dyeing textile materials therewith, Manufacture of azo. H. Krzikalla and W. Alt. 2,191,824; Feb. 27.
Dyestuffs and fiber dyed therewith, Azo. G. H. Ellis and H. C. Olpin. 2,195,390; Mar. 26.
Dyestuffs and fiber dyed therewith, Water-insoluble azo. A. Zitscher, R. Schmitt, and H. Kracker. 2,203,038; June 4.
Dyestuffs and making same. C. Graenacher and R. Sallmann. 2,219,280; Oct. 29.
Dyestuffs and making same, Polyazo. W. Hanhart. 2,203,196; June 4.
Dyestuffs and new industrial products resulting therefrom, Production of polyazo. G. Kopp and R. Gangneux. 2,189,522; Feb. 6.
Dyestuffs and preparing them, Acid. P. Wolff and F. Heim. 2,198,298; Apr. 23.
Dyestuffs and process for their manufacture, Anthraquinone. A. Peter. 2,226,909; Dec. 31.
Dyestuffs and process of making same, Azo. F. Straub and P. Pieth. 2,208,170; July 16.
Dyestuffs and producing same, Azo. F. Straub and W. Anderau. 2,226,675; Dec. 31.
Dyestuffs and producing them, Vat. R. Robl. 2,210,041; Aug. 6.
Dyestuffs and products obtained therefrom, Manufacture of water-insoluble. P. Petitcolas, R. Goupil, J. Frenkiel, and R. Senti. 2,195,011; Mar. 26.
Dyestuffs and their leuco esters, Vat. H. Neresheimer, E. Honold, B. Stein, M. Schubert, and E. Anton. 2,186,389; Jan. 9.
Dyestuffs and their manufacture, Acid azo. A. Conzetti. 2,199,043; Apr. 30.
Dyestuffs and their manufacture, Disazo. A. Krebser. 2,222,749; Nov. 26.
Dyestuffs and their manufacture, Green trisazo. H. Lier. 2,202,350; May 28.
Dyestuffs and their manufacture, Monoazo. A. Krebser. 2,200,423; May 14.
Dyestuffs and their manufacture, Ortho-hydroxydisazo. A. Krebser. 2,193,729; Mar. 12.
Dyestuffs, Anthraquinone. S. Coffey, N. H. Haddock, and C. Wood. 2,204,749; June 18.
Dyestuffs, Anthraquinone. R. N. Heslop and W. W. Tatum. 2,199,176; Apr. 30.
Dyestuffs, Anthraquinone. F. Lodge. 2,225,061; Dec. 17
Dyestuffs, Anthraquinone. K. Weinand and A. Modersohn. 2,216,258; Oct. 1.

Dyestuffs, Anthraquinone vat. R. N. Lulek and W. Dettwyler. 2,203,227; June 4.
Dyestuffs, Azo. D. Delfs and R. Stüsser. 2,212,590; Aug. 27.
Dyestuffs, Azo. R. Fleischhauer. 2,189,262; Feb. 6
Dyestuffs, Azo. R. Fleischhauer and E. Korten. 2,225,443; Dec. 17.
Dyestuffs, Azo. R. Fleischhauer and A. Müller. 2,191,823; Feb. 27.
Dyestuffs, Azo. R. Fleischhauer and H. Ritter. 2,203,818; June 11.
Dyestuffs, Azo. H. Kleiner, D. Delfs, and O. Bayer. 2,190,172; Feb. 13.
Dyestuffs, Azo. A. H. Knight. 2,220,963; Nov. 12.
Dyestuffs, Azo. H. Mirocourt and M. G. Jirou. 2,192,271; Mar. 5.
Dyestuffs, Azo. H. Roos. 2,192,153; Feb. 27.
Dyestuffs, Azo. H. Roos. 2,196,028; Apr. 2.
Dyestuffs, Azo. H. Roos. 2,200,040; May 7.
Dyestuffs, Azo. M. Schmid. 2,195,784; Apr. 2.
Dyestuffs, Azo. M. Schmid. 2,195,786; Apr. 2.
Dyestuffs, Azo. M. Schmid. 2,219,712; Oct. 29.
Dyestuffs, Azo. H. Schweitzer. 2,215,087; Sept. 17.
Dyestuffs, Azo. C. Taube, R. Stüsser, and O. Müller. 2,193,438; Mar. 12.
Dyestuffs capable of being chroned, Triarylmethane. P. H. Wolff and K. Frank. 2,198,468; Apr. 23.
Dyestuffs containing a heavy metal in a complex form, Azo. E. Fellmer. 2,200,445; May 14.
Dyestuffs containing chromium, Production of new azo. H. Kaemmerer, L. Neumann, and R. Schweizer. 2,198,701; Apr. 30.
Dyestuffs containing metal, Polyazo. H. Krzikalla and W. Limbacher. 2,194,857; Mar. 26.
Dyestuffs containing simultaneously the pyrazolone ring and the thiazol ring, Metalliferous azo. M. Schmid. 2,218,299; Oct. 15.
Dyestuffs containing the pyrazolone ring, Metalliferous azo-. M. R. Schmid. 2,185,901; Jan. 2.
Dyestuffs, Copper complex compounds of polyazo. H. Schindhelm and C. T. Schultis. 2,197,350; Apr. 16.
Dyestuffs derived from indophenols, Sulphur. W. Zerweck and W. Hechtenberg. 2,202,040; May 28.
Dyestuffs, etc., Azo. B. Herstein. 2,191,094; Feb. 20.
Dyestuffs, Heptamethine. W. Dieterle and O. Riester. 2,207,915; July 16.
Dyestuffs, Increasing fading resistance of. J. Bjorksten. 2,222,973; Nov. 26.
Dyestuffs insoluble in water and fiber dyed therewith, Azo. W. Bröker. 2,199,814; May 7.
Dyestuffs insoluble in water and fiber dyed therewith, Azo. H. Heyna, W. Schumacher, and O. Scherer. 2,196,015; Apr. 2.
Dyestuffs insoluble in water and fiber dyed therewith, Azo. H. Kracker, A. Zitscher, and R. Schmitt. 2,225,120; Dec. 17.
Dyestuffs insoluble in water and fiber dyed therewith, Azo. K. Schimmelschmidt and O. Schneider. 2,224,317; Dec. 10.
Dyestuffs insoluble in water, Azo. W. Kunze. 2,222,775; Nov. 26.
Dyestuffs insoluble in water, Azo. W. Zerweck and E. Heinrich. 2,186,226; Jan. 9.
Dyestuffs insoluble in water, Azo. W. Zerweck and W. Kunze. 2,191,103; Feb. 20.
Dyestuffs insoluble in water, Monoazo. E. Fischer. 2,201,648; May 21.
Dyestuffs insoluble in water, Monoazo. E. Fischer. 2,204,958; June 18.
Dyestuffs insoluble in water, Monoazo. E. Fischer. 2,208,363; July 16.
Dyestuffs insoluble in water, Monoazo. E. Fischer. 2,208,925; July 23.
Dyestuffs insoluble in water, Monoazo. E. Fischer. 2,210,072; Aug. 6.
Dyestuffs insoluble in water, Monoazo. E. Fischer. 2,220,598; Nov. 5.
Dyestuffs insoluble in water, Monoazo. E. Fischer. 2,222,763; Nov. 26.
Dyestuffs, Manufacture of azo. F. Felix and W. Zuercher. 2,210,364; Aug. 6.
Dyestuffs, Manufacture of new azo. W. H. Cliffe. 2,200,414; May 14.
Dyestuffs, Manufacture of new azo. W. H. Cliffe. 2,216,229; Oct. 1.
Dyestuffs, Metalliferous azo. J. Gyr. 2,207,859; July 16.
Dyestuffs, Methine. E. B. Middleton and G. A. Dawson. 2,202,990; June 4.
Dyestuffs, Monoazo. R. Fleischhauer and A. Müller. 2,213,697; Sept. 3.
Dyestuffs, Monoazo. H. Kracker, and W. Schumacher. 2,205,481; June 25.
Dyestuffs of the acid wool class. E. C. Buxbaum. 2,204,748; June 18.
Dyestuffs of the anthraquinone-acridone series. H. Schlichenmaier and L. W. Berlin. 2,204,232; June 11.
Dyestuffs of the anthraquinone series. R. Fleischhauer. 2,213,188; Sept. 3.
Dyestuffs of the anthraquinone series. R. N. Lulek. 2,188,776; Jan. 30.
Dyestuffs of the anthraquinone series. R. N. Lulek. 2,212,028–9; Aug. 20.
Dyestuffs of the anthraquinone series. A. J. Wuertz and W. L. Rintelman. 2,204,741–2; June 18.
Dyestuffs of the anthraquinone series, Acid wool. H. Schlichenmeier. 2,189,509; Feb. 6.
Dyestuffs of the anthraquinone series, Acid wool. W. Zerweck and E. Heinrich. 2,193,151; Mar. 12.
Dyestuffs of the anthraquinone series and making same. W. Kern. 2,225,013; Dec. 17.
Dyestuffs of the anthraquinone series, Vat. E. Berthold and J. Mueller. 2,200,324; May 14.
Dyestuffs of the anthraquinone series, Vat. K. Kuppe. 2,205,855; June 25.
Dyestuffs of the anthraquinone series, Vat. O. Schlichting. 2,206,127–8; July 2.
Dyestuffs of the anthraquinone series, Vat. W. Zerweck and J. Riedmair. 2,190,751; Feb. 20.
Dyestuffs of the anthraquinone series, Wool. K. Weinand and K. Bamberger. 2,195,067; Mar. 26.
Dyestuffs of the benzanthrone-anthraquinone-acridine series, Vat. D. P. Graham. 2,188,538; Jan. 30.
Dyestuffs of the benzanthrone series. W. H. Lycan. 2,203,416; June 4.
Dyestuffs of the cyanine series. G. Wilmanns, W. Dieterle, and H. Kobs. 2,194,213; Mar. 19.
Dyestuffs of the dibenzanthrone series. O. Stallmann. 2,218,663; Oct. 22.
Dyestuffs of the indolyldiphenylmethane series, Acid. P. Wolff and E. Beniers. 2,204,201; June 11.
Dyestuffs of the methine series. W. Müller and C. Berres. 2,206,108; July 2.
Dyestuffs of the naphthindenone series, Vat. K. Koeberle, W. Rohland, and C. Steigerwald. 2,199,566; May 7.
Dyestuffs of the peri-naphthindenone series, Vat. K. Koeberle, W. Rohland, and C. Steigerwald. 2,199,567; May 7.
Dyestuffs of the phthalocyanine series. W. Braun and K. Koeberle. 2,225,441; Dec. 17.
Dyestuffs of the pyrazinocyanine series and making them. W. Eckert and F. Quint. 2,200,689; May 14.
Dyestuffs of the quinoxaline series, Acid wool. W. Schepss and O. Bayer. 2,215,859; Sept. 24.
Dyestuffs of the triarylmethane series. E. Teupel and O. Wahl. 2,200,938; May 14.
Dyestuffs of the triaryl-methane series and preparing them, Chromable. W. Eckert and K. Schilling. 2,221,965; Nov. 19.
Dyestuffs of the triarylmethane series, Chromable. W. Eckert and K. Schilling. 2,213,460; Sept. 3.
Dyestuffs of the triphenylmethane series, After-chromable acid. P. Wolff and H. Moehrke. 2,195,440; Apr. 2.
Dyestuffs on the fiber, Production of azo. H. Morschel, L. Nüssler, H. Krzikalla, and W. Alt. 2,211,149; Aug. 13.
Dyestuffs, Phthalocyanine. S. Gassner and B. Bienert. 2,197,860; Apr. 23.
Dyestuffs, Polyazo. T. Kollmann. 2,195,089; Mar. 26.
Dyestuffs, Polyazo. P. Zervas. 2,190,750; Feb. 20.
Dyestuffs, Polymethine. W. Müller, O. Wahl, and E. Teupel. 2,196,162; Apr. 2.
Dyestuffs soluble in water, Azo. E. Fischer, O. Lang, and A. Siebert. 2,205,849; June 25.
Dyestuffs soluble in water, Monoazo. E. Fischer. 2,205,848; June 25.
Dyestuffs, Sulphur. W. Zerweck and W. Hechtenberg. 2,188,102; Jan. 23.
Dyestuffs to fibers by development under the effect of light, Applying azo. R. Lantz. 2,206,611; July 2.
Dyestuffs, Triarylmethane. W. Eckert and K. Schilling. 2,219,009; Oct. 22.
Dyestuffs, Triarylmethane. K. Schmidt. 2,199,577; May 7.
Dyestuffs, Vat. E. Honold, H. Neresheimer, M. Schubert, B. Stein, and H. Reich. 2,197,044; Apr. 16.
Dyestuffs, Vat. E. Honold, H. Neresheimer, M. Schubert, B. Stein, and K. Saftien. 2,197,045; Apr. 16.
Dyestuffs, Water-insoluble azo. H. Morschel and R. Ritter. 2,218,920; Oct. 22.
Dyestuffs, Water-insoluble azo. F. W. Muth. 2,193,676; Mar. 12.
Dyestuffs, Water-insoluble azo. G. Schrader and O. Bayer. 2,209,749; July 30.
Dyestuffs, Water-soluble. H. Krzikalla and H. Wenning. 2,224,112; Dec. 3.
Dynamic balancing apparatus. H. W. Moore. 2,186,339; Jan. 9.
Dynamically compensated strain gauge. W. M. Bleakney. 2,189,775; Feb. 13.
Dynamo with signal lamp, Bicycle. R. Herbst. 2,210,369; Aug. 6.
Dynamoelectric device. E. O. Schweitzer, Jr. 2,218,859; Oct. 22.
Dynamoelectric machine. W. G. Blake. 2,217,788; Oct. 15.
Dynamo-electric machine. K. K. Cooper. 2,204,402; June 11.
Dynamo-electric machine. C. J. Fechheimer. 2,185,728; Jan. 2.
Dynamo-electric machine. W .R. Goss and F. W. Merrill. 2,193,406; Mar. 12.
Dynamoelectric machine. L. P. Grobel. 2,199,156; Apr. 30.
Dynamoelectric machine. R. M. Heintz. 2,221,707; Nov. 12.
Dynamo-electric machine. H. W. Herrington. 2,191,074; Feb. 20.
Dynamo-electric machine. E. R. Knight. 2,193,408; Mar. 12.
Dynamo-electric machine. F. W. Merrill. 2,193,675; Mar. 12.

Dynamoelectric machine. W. J. Morrill and E. L. Horning. 2,212,401; Aug. 20.
Dynamoelectric machine. C. W. Rice. 2,199,141; Apr. 30.
Dynamo-electric machine. H. L. Smith. 2,185,740; Jan. 2.
Dynamo electric machinery. D. O. Sproule. 2,191,809; Feb. 27.
Dynamoelectric machine. H. D. Taylor. 2,199,351; Apr. 30.
Dynamo electric machine. R. W. Wieseman. 2,201,845; May 21.
Dynamo-electric machine. A. P. Wood. 2,225,361; Dec. 17.
Dynamoelectric machine, Totally enclosed. R. A. Baudry. 2,217,431; Oct. 8.
Dynamo-electric machines, Ventilation of totally enclosed. R. A. Baudry. 2,186,232; Jan. 9.
Dynamometer. C. C. Bennett. 2,218,463; Oct. 15.
Dynamometer. J. W. Fitz Gerald. 2,211,108; Aug. 13.
Dynamometer. M. P. and A Winther and M. Kindt. 2,220,007; Oct. 29.
Dynamometer, Absorption. C. C. Bennett. 2,189,189; Feb. 6.
Dynamometer, Absorption. E. Bernard. 2,188,398; Jan. 30.
Dynamometer instrument. A. J. Corson. 2,218,376; Oct. 15.
Ear elevating and trash ejecting means for corn pickers. J. Powell. 2,223,704; Dec. 3.
Earpiece. L. S. Hulin. 2,204,183; June 11.
Earpiece, Audiphone. T. J. Carlson. 2,188,591; Jan. 30.
Earpiece manufacture. J. G. Roberts. 2,203,105; June 4.
Ear protector. C. Boyer. 2,189,416; Feb. 6.
Ear protecting device. M. J. Lover and J. Colquitt. 2,198,546; Apr. 23.
Earth and rock formations, Treatment of. H. A. Reimers. 2,207,759; July 16.
Earth boring machine. N. Gatto. 2,196,260; Apr. 9.
Earth conditioning implement. P. C. Beekmann. 2,193,506; Mar. 12.
Earth exploration. J. A. Lewis and W. L. Horner. 2,225,248; Dec. 17.
Earth formations, Electrical logging of. R. T. Cloud. 2,206,863–4; July 9
Earth formations, Electrical logging of. P. F. Hawley. 2,206,891–2; July 9.
Earth formations, Sealing. A. C. Hamilton, Jr. 2,191,652; Feb. 27.
Earth impedance measuring device. W. D. Mounce and W. M. Rust, Jr. 2,222,182; Nov. 19.
Earth mover. E. W. Austin. 2,190,347; Feb. 13.
Earth mover. E. W. Austin. 2,203,713; June 11.
Earth mover. E. W. Austin. 2,204,033; June 11.
Earth mover. E. W. Austin. 2,215,025; Sept. 17.
Earth moving device. E. W. Austin. 2,190,346; Feb. 13.
Earth moving device. E. W. Austin. 2,198,147; Apr. 23.
Earth moving device. E. W. Austin. 2,215,026; Sept. 17
Earth retainer. B. J. Lake. 2,193,425; Mar. 12.
Earth, Solidifying. J. van Hulst. 2,201,459; May 21.
Earth transients in geophysical prospecting, Electric. L. W. Blau and L. Statham. 2,202,369; May 28.
Earth-working device. B. R. Benjamin. 2,225,204; Dec. 17.
Earths, Activating natural. R. Doht. 2,207,145; July 9.
Easel. S. L. Dearing. 2,191,755; Feb. 27.
Easel, Adjustable. F. C. Braun. 2,186,573; Jan. 9.
Easel and notebook construction. F. S. Schade. 2,198,507; Apr. 23.
Easel, Enlarging. F. Moore. 2,223,264; Nov. 26.
Easel equipment, Photo enlarging. W. J. Hill. 2,213,313; Sept. 3.
Easel, Fiberboard cutout. C. I. Belleisle. 2,204,881; June 18.
Easel for cemetery wreaths. K. F. Wagler and G. A. Roach. 2,190,960; Feb. 20.
Easel for photographic papers, Enlarging. E. B. Dewey. 2,199,304; Apr. 30.
Easel or printing frame, Photographic enlarging. F. K. Lawrence. 2,213,652; Sept. 3.
Easel support. H. N. Tyson, Jr. 2,222,453; Nov. 19.
Eave trough protector. M. B. Fry. 2,219,953; Oct. 29.
Eccentric, Adjustable. G. W. Kriegh. 2,224,435; Dec. 10.
Eccentric mechanism. A. H. Vespoli. 2,206,340; July 2.
Eccentricity indicator. R. F. Edgar. 2,186,826; Jan. 9.
Echo effects, Method and apparatus for producing. P. C. Goldmark. 2,203,352; June 4.
Economizer for furnaces. K. P. Brace. 2,212,976; Aug. 27.
Eddy current relay. C. C. Whittaker. 2,209,368; July 30.
Edge grinding apparatus. H. J. Hamann and C. B. Williams, Jr. 2,205,009; June 18.
Edge grinding machine. H. O. Kranich. 2,218,648; Oct. 22.
Edge guide, Two-level. T. R. Robinson. 2,196,326; Apr. 9.
Edge lighted sign. L. J. Dixon. 2,223,409; Dec. 3.
Edge sealing for sponge rubber. H. T. Kraft. 2,201,669; May 21.
Edge setting machine. W. Hamann. 2,185,504; Jan. 2.
Edge-setting machine. L. E. Topham. 2,190,810; Feb. 20.
Edge trim gauge. M. R. Manning. 2,193,561; Mar. 12.
Edge trimming machine. E. J. Ray. 2,210,005; Aug. 6.
Edging device for composition board. W. Elliott. 2,213,442; Sept. 3.
Edging implement, Flower bed. P. M. Garabrant. 2,199,072; Apr. 30.
Edible product, Coated. R. P. Russell. 2,217,322; Oct. 8.
Edible product, Making a composite frozen. H. R. Howser. 2,207,616; July 9.
Edible products, Method and machine for freezing. D. A. Pack. 2,221,220; Nov. 12.
Edibles, Machine for making handled. A. W. and E. I. Basham. 2,212,003; Aug. 20.
Education apparatus, Physical. R. Paul. 2,209,034; July 23.
Educational apparatus. O. M. Glunt. 2,209,157; July 13.
Educational apparatus. E. Werner. 2,198,894; Apr. 30.
Educational appliance. E. L. Maggioni. 2,213,225; Sept. 3.
Educational device. H. E. Beissner. 2,192,784; Mar. 5.
Educational device. E. R. Champion and G. J. Worel. 2,192,257; Mar. 5.
Educational device. I. B. Cobb. 2,226,338; Dec. 26.
Educational device. E. F. Hiser. 2,189,902; Feb. 13.
Educational device. R. J. Jondreau. 2,199,497; May 7.
Educational device. F. M. Manuel. 2,208,503; July 16.
Educational device. R. M. Myers. 2,200,206; May 7.
Educational device. L. R. Posey. 2,188,723; Jan. 30.
Educational device. W. C. Shipley. 2,221,303; Nov. 12.
Educational device. E. F. Vander Velde. 2,193,048; Mar. 12.
Educational display device. G. C. Van Veen. 2,190,898; Feb. 20.
Effecting carbazole ring formation of compounds of the anthraquinone series. F. Wieners and W. Mieg. 2,212,965; Aug. 27.
Effluents, Treating industrial. O. W. Wahlstrom. 2,213,330; Sept. 3.
Egg albumin. Preparing dried. V. D. Littlefield. 2,189,380; Feb. 6.
Egg assorting, candling, and packing device. W. A. Rein. 2,198,126; Apr 23.
Egg candler and dater. B. Knopp. 2,213,009; Aug. 27.
Egg candling machine. R. R. Haugh. 2,186,196; Jan. 9.
Egg cleaning device. R. C. Storer. 2,205,606; June 25.
Egg material, Method and apparatus for salvaging liquid. J. C. Irish. 2,206,959; July 9.
Egg registering means. F. B. Kent. 2,195,702; Apr. 2.
Egg separator. J. T. Brueggeman. 2,187,488; Jan. 16.
Egg separator. T. F. Leahey. 2,212,502; Aug. 27.
Egg tester. B. W. Gandrud. 2,209,077; July 23.
Egg turning mechanism, Compact. C. F. Gedge. 2,215,664; Sept. 24.
Egg venting device. P. G. Weimer. 2,224,941; Dec. 17.
Egg white material and preparing the same. V. D. Littlefield. 2,191,257; Feb. 20.
Egg whites, Processing and drying. V. D. Littlefield. 2,212,445; Aug. 20.
Egg whites, Treatment of. L. D. Mink. 2,200,963; May 14.
Eggs and fresh fruit, Preservation of. E. K. J. Schmidt. 2,222,000; Nov. 19.
Eggs and salvaging liquid egg material, Process and apparatus for breaking. J. C. Irish. 2,206,960; July 9.
Eggs, Processing and precooling. H. A. Mulvany. 2,221,343; Nov. 12.
Ejecting means for thermoplastic molds. D. M. Anderson. 2,186,160; Jan. 9.
Ejector-equipped cigarette holder. J. G. Tarrant. 2,216,283; Oct. 1.
Ejector for slug casting machine. A. G. Sperry. 2,198,370; Apr. 23.
Ejector mechanism for metal forming presses. H. A. Zwierlein. 2,187,479; Jan. 16.
Elastic bands, Method and apparatus for making. A. N. Spänel. 2,189,966; Feb. 13.
Elastic bearing. F. Schmidt. 2,221,884; Nov. 19.
Elastic fabric. C. A. Cosman. 2,196,957; Apr. 9.
Elastic fabric. A. B. Kendrick. 2,186,531; Jan. 9.
Elastic fabric. T. F. Moore. 2,222,150; Nov. 19.
Elastic fabric and production. S. C. Lilley. 2,197,188; Apr. 16.
Elastic fluid generator. A. J. Nerad. 2,206,704; July 2.
Elastic fluid turbine bucket unit. A. R. Smith. 2,221,685; Nov. 12.
Elastic fluid turbine bucket wheel. J. H. Doran. 2,221,672; Nov. 12.
Elastic fluid turbine bucket wheel. W. C. Heckman. 2,221,678; Nov. 12.
Elastic fluid turbine bucket wheel. E. L. Robinson. 2,220,914; Nov. 12.
Elastic fluid turbine bucket wheel. A. R. Smith. 2,220,918; Nov. 12.
Elastic woolen fabric. R. Grosser. 2,188,183; Jan. 23.
Electric advertising device. L. Jónap. 2,211,571; Aug. 13.
Electric apparatus for preparing food. G. W. Watson. 2,226,036; Dec. 24.
Electric apparatus, Liquid-cooled. M. O. Troy. 2,214,865; Sept. 17.

Electric arc. N. Pierron and P. Aubry. 2,205,067; June 18.
Electric arcs, Arrangement for extinguishing. H. Verse. 2,196,820; Apr. 9.
Electric attachment device. A. C. Grohsgal. 2,201,579; May 21.
Electric blasting cap. E. L. Watts. 2,207,137; July 9.
Electric brake. H. List. 2,220,163; Nov. 5.
Electric braking system. E. Dozler. 2,189,579; Feb. 6.
Electric cable. R. W. Atkinson. 2,197,544; Apr. 16.
Electric cable. C. J. Beaver and E. L. Davey. 2,208,832; July 23.
Electric cable. C. E. Bennett. 2,222,932; Nov. 26.
Electric cable. L. G. Brazier, G. M. Hamilton, and R. S. Vincent. 2,186,446; Jan. 9.
Electric cable. L. Carl. 2,207,579; July 9.
Electric cable. O. Cords. 2,198,405; Apr. 23.
Electric cable. W. A. Del Mar. 2,190,017; Feb. 13.
Electric cable. R. D. Elliott. 2,216,340; Oct. 1.
Electric cable. R. W. Lunt. 2,217,284; Oct. 8.
Electric cable. J. A. Szilard. 2,222,638; Nov. 26.
Electric cable. J. K. Webb. 2,209,895; July 30.
Electric cable. B. J. Witt. 2,197,027; Apr. 16.
Electric cable. H. V. Wodtke. 2,186,793; Jan. 9.
Electric cable. E. D. Youmans. 2,186,441–2; Jan. 9.
Electric cable, High tension. H. M. Hobart. 2,216,010; Sept. 24.
Electric cable, High tension. T. R. Scott and R. C. Mildner. 2,191,995; Feb. 27.
Electric capacitor. F. M. Clark. 2,196,057; Apr. 2.
Electric capacitor. M. E. Scoville. 2,186,842; Jan. 9.
Electric cell and replacement unit therefor. G. W. Heise and E. A. Schumacher. 2,213,428; Sept. 3.
Electric circuit. G. H. Bushway. 2,189,856; Feb. 13.
Electric circuit. K. J. Germeshausen. 2,201,166; May 21.
Electric circuit. J. R. Hefele. 2,218,709; Oct. 22.
Electric circuit. A. B. Nomann. 2,222,953; Nov. 26.
Electric circuit. R. M. Partington. 2,202,715–6; May 28.
Electric circuit. Z. O. St. Palley. 2,196,029; Apr. 2.
Electric circuit. L. W. Thompson. 2,194,334; Mar. 19.
Electric circuit breaker. G. Balachowsky. 2,219,171; Oct. 22.
Electric circuit breaker. M. Freeman and C. Ragovin. 2,222,291; Nov. 19.
Electric circuit breaker. L. J. Linde and T. Andersen. 2,218,797; Oct. 22.
Electric circuit breaker. W. K. Rankin. 2,222,722; Nov. 26.
Electric circuit breaker. O. C. Traver. 2,223,975; Dec. 3.
Electric circuit breaker, Liquid-insulated. A. Allan. 2,214,518; Sept. 10.
Electric circuit control. A. L. Riche. 2,223,460; Dec. 3.
Electric circuit control mounting. H. J. Blakeslee. 2,195,075; Mar. 26.
Electric circuit controlling device. G. E. MacMannus. 2,216,823; Oct. 8.
Electric circuit coupling. T. K. Laursen. 2,196,313; Apr. 9.
Electric circuit interrupter. E. Hara. 2,227,134; Dec. 31.
Electric circuit interrupter. D. C. Prince. 2,221,720; Nov. 12.
Electric circuit interrupter. W. F. Skeats. 2,224,611; Dec. 10.
Electric condenser. C. W. Hansell, G. L. Usselman, and C. W. Latimer. 2,192,062; Feb. 27.
Electric condenser. P. Robinson. 2,217,383; Oct. 8.
Electric condenser. M. Sander. 2,223,833; Dec. 3.
Electric condenser. G. L. Usselman. 2,204,166; June 11.
Electric condenser. G. L. Usselman. 2,210,050; Aug. 6.
Electric conductor, Plural. G. C. Daniels. 2,209,152; July 23.
Electric connector. A. F. Meston. 2,197,981; Apr. 23.
Electric connector. F. E. Wolcott. 2,198,646; Apr. 30.
Electric contact. F. R. Hensel. 2,213,312; Sept. 3.
Electric contact. F. R. Hensel, K. L. Emmert, and J. W. Wiggs. 2,199,458; May 7.
Electric contact. F. R. Hensel, K. L. Emmert, and J. W. Wiggs. 2,221,286; Nov. 12.
Electric contact, Abrasion resistant. F. R. Hensel. 2,187,378; Jan. 16.
Electric contact combination. F. R. Hensel and K. L. Emmert. 2,213,343; Sept. 3.
Electric contact element. F. R. Hensel and K. L. Emmert. 2,197,380; Apr. 16.
Electric contact element. F. R. Hensel and K. L. Emmert. 2,202,054; May 28.
Electric contact, Wear resistant. F. R. Hensel. 2,187,377; Jan. 16.
Electric contacting element. F. R. Hensel and E. I. Larsen. 2,202,150; May 28.
Electric contacts and combination thereof. F. R. Hensel, K. L. Emmert, and J. W. Wiggs. 2,207,292; July 9.
Electric control. M. E. Whitenack. 2,208,235; July 16.
Electric control circuit. W. D. Cockrell. 2,192,735; Mar. 5.
Electric control circuit. H. L. Palmer. 2,195,996; Apr. 2.
Electric control system. B. D. Bedford. 2,185,700; Jan. 2.
Electric control system. F. A. Haigh. 2,203,527; June 4.
Electric control system. D. C. Hoffmann. 2,215,325; Sept. 17.
Electric control system. E. E. Moyer. 2,190,756; Feb. 20.
Electric control system. E. E. Moyer. 2,195,120; Mar. 26.
Electric control system. E. E. Moyer and O. W. Livingston. 2,195,119; Mar. 26.
Electric control system. J. Plebanski. 2,219,397; Oct. 29.
Electric control system for tabulating cards, documents, and the like. W. F. Friedman and V. E. Whitman. 2,224,646; Dec. 10.
Electric controlling apparatus. F. G. Logan. 2,189,507; Feb. 6.
Electric conversion system. A. A. Steinmetz. 2,208,400; July 16.
Electric cord lift. F. Racen. 2,197,877; Apr. 23.
Electric cord plug, Separable. O. A. Cole. 2,190,230; Feb. 13.
Electric cord set. F. C. Doughmann. 2,186,578; Jan. 9.
Electric curling iron. J. Boda. 2,192,890; Mar. 12.
Electric current converter. H. R. Fowler. 2,220,897; Nov. 12.
Electric deseaming. R. F. Wyer. 2,196,884; Apr. 9.
Electric device. J. Glassberg. 2,200,954; May 14.
Electric device. B. F. Muldoon. 2,224,742; Dec. 10.
Electric device, Gas-insulated. F. S. Cooper. 2,221,670; Nov. 12.
Electric direction indicator. H. J. Elliott. 2,223,678; Dec. 3.
Electric discharge apparatus. W. E. Berkey. 2,201,003; May 14.
Electric discharge apparatus. F. H. Gulliksen and J. W. Dawson. 2,217,476; Oct. 8.
Electric discharge apparatus. K. H. Kingdon. 2,209,819; July 30.
Electric discharge apparatus. L. R. Ludwig. 2,223,523; Dec. 3.
Electric discharge device. J. Fodor. 2,207,217; July 9.
Electric discharge device. O. Baier. 2,204,204; June 11.
Electric discharge device. H. Klemperer. 2,189,635; Feb. 6.
Electric discharge device. L. Malter. 2,219,871; Oct. 29.
Electric discharge device. G. A. Morton and L. E. Flory. 2,192,579; Mar. 5.
Electric discharge device. T. W. Price. 2,225,712; Dec. 24.
Electric discharge device. K. Siebertz. 2,204,999; June 18.
Electric discharge device. A. C. Thompson. 2,196,040; Apr. 2.
Electric discharge device. H. W. Weinhart. 2,207,841; July 16.
Electric discharge device. V. K. Zworykin and L. Malter. 2,189,305; Feb. 6.
Electric discharge device. V. K. Zworykin and L. Malter. 2,205,055; June 18.
Electric discharge device control system. K. Seethaler. 2,205,221; June 18.
Electric discharge device for high operating voltages. M. Steenbeck. 2,205,231; June 18.
Electric discharge device, Gas or vapor. J. Lecorguillier. 2,226,171; Dec. 24.
Electric discharge device, Gas or vapor filled controllable. M. Steenbeck. 2,205,230; June 18.
Electric discharge device, Gaseous. E. G. Dorgelo. 2,200,950; May 14.
Electric discharge device, Gaseous. H. Friedrichsen and H. Straehler. 2,224,597; Dec. 10.
Electric discharge device, Gaseous. O. Fritze and A. Ruttenauer. 2,195,517; Apr. 2.
Electric discharge device, Gaseous. W. Uyterhoeven, C. Verburg, P. Schouwstra and J. P. M. Mutsaers. 2,200,940; May 14.
Electric discharge device, High-pressure metal-vapor. J. W. Ryde. 2,215,300; Sept. 17.
Electric discharge devices and materials excited to luminescence by the electric discharge, Combinations of. J. T. Randall. 2,216,252; Oct. 1.
Electric discharge lamp. J. L. Cox. 2,203,612; June 4.
Electric discharge lamp. H. G. Jenkins. 2,207,174; July 9.
Electric discharge lamp. W. J. Scott and H. K. Bourne. 2,207,133; July 9.
Electric discharge lamp circuit. L. R. Peters. 2,212,427; Aug. 20.
Electric discharge system. W. H. Bennett. 2,216,729; Oct. 8.
Electric discharge system. R. M. Somers. 2,207,275–6; July 9.
Electric discharge tube. C. H. Bachman. 2,195,913; Apr. 2.
Electric discharge tube. O. Baier. 2,217,398; Oct. 8.
Electric discharge tube. H. Bruining and J. H. de Boer. 2,198,329; Apr. 23.
Electric discharge tube. J. L. H. Jonker and G. C. A. M. Moubis. 2,225,479; Dec. 17.
Electric discharge tube. G. Rabuteau. 2,217,418; Oct. 8.
Electric discharge tube. M. Servigne. 2,210,780; Aug. 6.
Electric discharge tube. O. L. van Steenis. 2,224,324; Dec. 10.
Electric discharge tubes excited inductively, Supply of. J. Bethenod. 2,223,399; Dec. 3.
Electric discharge vessel. R. Scharfnagel. 2,189,928; Feb. 13.

Electric distribution, System of. D. L. Beeman. 2,213,877; Sept. 3.
Electric distribution, System of. V. L. Cox. 2,202,730; May 28.
Electric distributors, System of. A. E. Anderson. 2,202,722; May 28.
Electric door lock. A. F. and P. F. Hohmann. 2,219,132; Oct. 22.
Electric drill. R. P. Forss. 2,212,342; Aug. 20.
Electric energy collecting contact. A. Belz. 2,196,409; Apr. 9.
Electric fan hanger. A. P. Larsson. 2,209,653; July 30.
Electric field device for separating particles of material. E. O. Schweitzer, Jr. 2,216,254; Oct. 1.
Electric field sensitive device. R. W. Goranson and W. A. Zisman. 2,187,541; Jan. 16.
Electric filter. D. H. Bacon. 2,217,355; Oct. 8.
Electric filter. K.-H. Krambeer. 2,190,430; Feb. 13.
Electric filter. R. Otto. 2,221,105; Nov. 12.
Electric filter. T. J. Weyers. 2,224,175; Dec. 10.
Electric fixture. G. Arras. 2,199,905; May 7.
Electric fixture. A. F. Pieper. 2,223,874; Dec. 3.
Electric fixture, Insect trapping. N. T. Eshbaugh. 2,198,807; Apr. 30.
Electric flow meter. E. F. Stover. 2,208,609; July 23.
Elastic fluid turbine bucket wheel. A. R. Smith. 2,221,684; Nov. 12.
Electric frequency separator. A. Wiessner. 2,227,384; Dec. 31.
Electric furnace. D. Gardner. 2,195,453; Apr. 2.
Electric furnace. W. E. Moore. 2,202,224; May 28.
Electric furnace. G. Slayter, F. W. Atkinson, and E. Fletcher. 2,215,982; Sept. 24.
Electric furnace, Roller-hearth type. F. R. J. Davis and G. P. Lessmann. 2,205,242; June 18.
Electric fuse and contact therefor. M. B. Wood. 2,213,032; Aug. 27.
Electric fuse and fuse holder. A. B. Bussmann. 2,209,048; July 23.
Electric fuse assembly. P. C. Herault. 2,213,164; Aug. 27.
Electric generating apparatus. C. F. Reis. 2,192,985; Mar. 12.
Electric generator. W. Giskes and H. A. G. Hazeu. 2,192,073; Feb. 27.
Electric generator. R. C. Harris. 2,185,460; Jan. 2.
Electric glow discharge tube. A. Lederer. 2,213,182; Aug. 27.
Electric heater. W. A. Barnes. 2,198,694; Apr. 30.
Electric heater. J. D. Morgan. 2,195,705; Apr. 2.
Electric heater. O. R. Schurig. 2,209,832; July 30.
Electric heater. O. R. Schurig. 2,227,159; Dec. 31.
Electric heater. C. J. Somers. 2,208,087; July 16.
Electric heater. G. E. White. 2,218,999; Oct. 22.
Electric heater. J. S. Wright. 2,225,850; Dec. 24.
Electric heater, Thermostatically controlled immersion. W. M. Sage. 2,201,703; May 21.
Electric heating iron, Automatic. G. C. Heinrich. 2,185,197; Jan. 2.
Electric heating system. G. Nigra. 2,215,108; Sept. 17.
Electric heating unit. W. O. Twombly. 2,188,256; Jan. 23.
Electric heating units and resultant product, Making. K. G. Hepler. 2,214,583; Sept. 10.
Electric ignition system. W. H. Maycock. 2,221,521; Nov. 12.
Electric immersion heater. J. D. Morgan and P. B. Levitt. 2,217,595; Oct. 8.
Electric incandescent lamp. J. H. de Boer, W. Elenbaas, B. G. Dorgelo, and H. J. Lemmens. 2,203,896; June 11.
Electric incandescent lamp. A. de Graaff. 2,203,897; June 11.
Electric incandescent lamp. E. G. Dorgelo, W. Elenbaas, H. J. Lemmens, and M. J. Jansen. 2,211,597; Aug. 13.
Electric incandescent lamp. J. Kühne and A. Dresler. 2,208,987; July 23.
Electric incandescent lamp. J. A. M. van Liempt. 2,191,331; Feb. 20.
Electric indicator. S. J. A. M. Bagno. 2,201,020; May 14.
Electric induction heating apparatus. N. R. Stansel. 2,223,970; Dec. 3.
Electric initiator. L. A. Burrows and W. E. Lawson. 2,185,370; Jan. 2.
Electric integrating device. H. T. Faus. 2,196,898; Apr. 9.
Electric iron. J. J. Gough. 2,215,959–60; Sept. 24.
Electric lamp. R. L. Breadner, J. T. Randall, and J. W. Ryde. 2,205,809; June 25.
Electric lamp. J. Dulberg. 2,195,921; Apr. 2.
Electric lamp. C. W. Gould. 2,198,007; Apr. 23.
Electric lamp. K. Mey. 2,208,998; July 23.
Electric lamp. A. F. Pieper. 2,223,873; Dec. 3.
Electric lamp. G. F. Prideaux. 2,198,919; Apr. 30.
Electric lamp. H. J. Spanner. 2,203,550; June 4.
Electric lamp. H. J. Spanner. 2,205,000; June 18.
Electric lamp. K. P. Swanson. 2,193,572; Mar. 12.
Electric lamp, Gas-filled incandescent. C. Spaeth. 2,218,346; Oct. 15.
Electric lamp, Multiple filament incandescent. G. B. Davis, Jr. 2,217,794; Oct. 15.
Electric lamp, Portable. S. T. Simpson. 2,197,946; Apr. 23.
Electric lifting jack. R. T. Watts. 2,218,733; Oct. 22.
Electric lighting system, Automotive. H. W. Hack. 2,223,251; Nov. 26.
Electric line tapping apparatus. B. R. Hermann. 2,218,397; Oct. 15.
Electric machine. G. E. Losier. 2,225,915; Dec. 24.
Electric machine. E. Schaeren. 2,190,887; Feb. 20.
Electric measuring apparatus. W. G. Burkhart. 2,218,697; Oct. 22.
Electric measuring apparatus. F. K. Floyd. 2,217,220; Oct. 8.
Electric melting furnace. C. F. Weisgerber. 2,202,362; May 28.
Electric mercury switch. E. Cornella. 2,209,645; July 30.
Electric meter. W. C. Wagner. 2,218,668; Oct. 22.
Electric motor. W. R. Appleman. 2,198,360; Apr. 23.
Electric motor. W. R. Appleman. 2,226,700; Dec. 31.
Electric motor. F. C. Doughman. 2,211,006; Aug. 13.
Electric motor. G. Gilliver. 2,192,304; Mar. 5.
Electric motor. E. C. Guedon. 2,207,251; July 9.
Electric motor. E. F. Hubacker. 2,187,033; Jan. 16.
Electric motor. M. W. Humphreys. 2,196,072; Apr. 2.
Electric motor. A. N. Nilson. 2,221,812; Nov. 19.
Electric motor. H. G. Phelps. 2,193,324; Mar. 12.
Electric motor. P. H. Rutherford. 2,203,927; June 11.
Electric motor. G. F. Shotter. 2,204,916; June 18.
Electric motor. B. Stevens, Jr. and P. J. Gilinson. 2,188,101; Jan. 23.
Electric motor. C. P. Sweeny. 2,190,223; Feb. 13.
Electric motor. J. O. Thibault. 2,195,801; Apr. 2.
Electric motor for shaving devices. H. Eickemeyer. 2,212,858; Aug. 27.
Electric motor, High-duty enclosed. R. M. Gaston. 2,222,764; Nov. 26.
Electric motor, Multiple speed. R. E. Bassett, Jr. 2,225,144; Dec. 17.
Electric motor, Reciprocating. T. J. Murphy. 2,203,695; June 11.
Electric motor, Submersible. G. T. Pfleger. 2,186,494; Jan. 9.
Electric motor, Variable speed. R. C. Upton. 2,191,872; Feb. 27.
Electric motor vehicle. J. Tjaarda. 2,208,710; July 23.
Electric multiple outlet. R. S. Pennock and M. N. Russell. 2,214,065; Sept. 10.
Electric outlet box. F. Mueller. 2,203,026; June 4.
Electric outlet fixture and extension cord therefor. W. F. Borkenstein. 2,186,601; Jan. 9.
Electric plug. E. A. Faller. 2,199,560; May 7.
Electric plug. S. T. Simpson. 2,217,138; Oct. 8.
Electric plug. E. F. Townsend. 2,195,546; Apr. 2.
Electric power cable. F. C. Meyer. 2,227,316; Dec. 31.
Electric power cable. H. Milliken. 2,187,213; Jan. 16.
Electric power cable. J. K. Webb. 2,213,875; Sept. 3.
Electric power converting apparatus. E. F. W. Alexanderson. 2,225,328; Dec. 17.
Electric power system, Protection of. T. A. Cramer. 2,199,168; Apr. 30.
Electric precipitator. H. A. Wintermute. 2,188,695; Jan. 30.
Electric pressure gauge, Temperature compensating. D. W. Randolph. 2,212,247; Aug. 20.
Electric prodder. L. P. Mongan. 2,208,852; July 23.
Electric protective apparatus. L. W. Cook. 2,227,125; Dec. 31.
Electric protective system. A. Bigalke. 2,186,473; Jan. 9.
Electric protective system. P. H. Chase. 2,199,658; May 7.
Electric protective system. E. J. Schaefer. 2,213,889; Sept. 3.
Electric rare gas lighting tube. A. Lederer, C. Danzer, and General C. Randa. 2,213,183; Aug. 27.
Electric reaction furnace. B. Berghaus, W. Burkhardt. 2,219,612; Oct. 29.
Electric regulating system. E. E. Moyer. 2,209,232; July 23.
Electric regulator. T. C. Lennox and S. Minneci. 2,200,989–90; May 14.
Electric regulator. S. Minneci. 2,196,871; Apr. 9.
Electric relay, particularly for purposes of television. K. Schlesinger. 2,224,114; Dec. 3.
Electric resistance. E. H. Bickley. 2,192,255; Mar. 5.
Electric resistance element. C. G. Bieber. 2,188,399; Jan. 30.
Electric resistance elements, Manufacture of. G. C. Gaut and B. F. Huggins. 2,195,531; Apr. 2.
Electric resistor, Resin bonded. D. W. Light. 2,199,803; May 7.
Electric safety switch. R. A. Millermaster. 2,206,107; July 2.
Electric screen. W. A. Whipple. 2,218,369; Oct. 15.
Electric selector mechanism. P. A. Noxon and J. I. Mitchell. 2,209,998; Aug. 6.
Electric separating filter. W. Will. 2,201,254; May 21.
Electric shaver light. R. V. Powell. 2,195,423; Apr. 2.
Electric shielding system. A. Herz. 2,214,134; Sept. 10.
Electric sign. W. D. Diebel. 2,193,478; Mar. 12.
Electric sign. W. McCrary and V. H. Turner. 2,220,258; Nov. 5.
Electric signaling and indicating system. M. M. Morack. 2,213,091; Aug. 27.
Electric snap switch. R. H. Bentley. 2,188,218; Jan. 23.

Electric snap switch. A. W. Krieger. 2,205,483; June 25.
Electric space heater. G. Steingruber. 2,188,122; Jan. 23.
Electric steam generator. K. Ehrgott. 2,200,265; May 14.
Electric steam iron. A. and E. B. Tricomi. 2,222,305; Nov. 19.
Electric steaming iron. D. A. Deems. 2,189,709; Feb. 6.
Electric supply system. C. E. Baston and E. A. Binney. 2,214,571; Sept. 10.
Electric switch. C. A. Adams. 2,215,311; Sept. 17.
Electric switch. K. C. Allison. 2,196,433; Apr. 9.
Electric switch. K. C. Allison and E. J. Mastney. 2,186,949–50; Jan. 16.
Electric switch. K. C. Allison and E. J. Mastney. 2,206,655; July 2.
Electric switch. G. R. Brown. 2,186,818; Jan. 9.
Electric switch. G. R. Brown. 2,215,319; Sept. 17.
Electric switch. F. D. Bryant and W. R. Young. 2,195,237; Mar. 26.
Electric switch. F. D. Bryant and W. R. Young. 2,201,882; May 21.
Electric switch. W. L. Butler. 2,210,793; Aug. 6.
Electric switch. J. R. Caldwell. 2,191,878; Feb. 27.
Electric switch. L. W. Cole, C. I. Smith, and H. Jensen. 2,224,848; Dec. 17.
Electric switch. L. W. Cook. 2,192,031; Feb. 27.
Electric switch. L. W. Cook. 2,198,474; Apr. 23.
Electric switch. L. W. Cook. 2,200,981; May 14.
Electric switch. L. W. Cook. 2,211,594; Aug. 13.
Electric switch. H. J. Crabbs. 2,193,122; Mar. 12.
Electric switch. W. C. Crimmins. 2,207,457; July 9.
Electric switch. F. Farrell. 2,203,863; June 11.
Electric switch. W. M. Foster and T. W. Drury. 2,226,850; Dec. 31.
Electric switch. F. P. Gates. 2,208,500; July 16.
Electric switch. A. Hall. 2,226,719; Dec. 31.
Electric switch. H. J. Hammerly. 2,209,918; July 30.
Electric switch. H. J. Hammerly. 2,213,124; Aug. 27.
Electric switch. E. O. H. Hansson. 2,211,815; Aug. 20.
Electric switch. P. A. Heady. 2,104,892; June 18.
Electric switch. T. W. Hecking and G. O. Tapper. 2,213,960; Sept. 10.
Electric switch. P. Hutt. 2,195,312; Mar. 26.
Electric switch. P. Hutt. 2,196,865; Apr. 9.
Electric switch. S. Iwanowicz. 2,210,539; Aug. 6.
Electric switch. A. A. Johnson. 2,226,772; Dec. 31.
Electric switch. M. J. Johnson. 2,202,207; May 28.
Electric switch. T. F. Johnson. 2,194,021; Mar. 19.
Electric switch. H. Kergel and J. Christiansen. 2,225,343; Dec. 17.
Electric switch. T. Kight. 2,227,350; Dec. 31.
Electric switch. D. G. Kimball. 2,195,251; Mar. 26.
Electric switch. D. G. Kimball. 2,203,224; June 4.
Electric switch. D. G. Kimball. 2,225,344; Dec. 17.
Electric switch. A. W. Krieger. 2,205,482; June 25.
Electric switch. F. O. Kuhn. 2,190,842; Feb. 20.
Electric switch. I. R. Latta. 2,202,698; May 28.
Electric switch. G. N. Lemmon. 2,207,683; July 9.
Electric switch. G. J. Meuer. 2,206,102; July 2.
Electric switch. G. J. Meuer. 2,210,037; Aug. 6.
Electric switch. R. A. Millermaster and A. A. Writzmann. 2,217,024; Oct. 8.
Electric switch. V. J. Mohler. 2,222,085; Nov. 19.
Electric switch. H. G. Oestreich. 2,220,424; Nov. 5.
Electric switch. G. H. Porter. 2,191,859; Feb. 27.
Electric switch. B. Putterman and D. E. Reed. 2,200,218; May 7.
Electric switch. C. P. Randolph and L. A. Kempton. 2,203,236; June 4.
Electric switch. R. N. Rowe. 2,204,002; June 11.
Electric switch. J. Sachs. 2,210,501; Aug. 6.
Electric switch. C. A. Schaefer. 2,193,986; Mar. 19.
Electric switch. C. A. Schaefer. 2,200,970; May 14.
Electric switch. R. H. Schmitt. 2,221,528; Nov. 12.
Electric switch. J. W. Seaman. 2,227,160; Dec. 31.
Electric switch. J. Slepian. 2,208,399; July 16.
Electric switch. W. C. Strungart. 2,209,253; July 23.
Electric switch. F. H. Travers. 2,190,525; Feb. 13.
Electric switch. H. L. Van Valkenburg. 2,190,299; Feb. 13.
Electric switch. F. G. von Hoorn. 2,203,555; June 4.
Electric switch. C. Wantz. 2,190,303; Feb. 13.
Electric switch. R. A. Wittmann. 2,185,490; Jan. 2.
Electric switch contact. W. F. Seubert. 2,216,654; Oct. 1.
Electric switch, Double break. H. A. Smith. 2,190,342; Feb. 13.
Electric switch enclosure. G. R. Runke and H. S. Gano. 2,215,299; Sept. 17.
Electric switch, Fluid-operated. I. A. Weaver and C. H. Phelps. 2,225,190; Dec. 17.
Electric switch mechanism, Automatic. A. B. Poole. 2,219,372; Oct. 29.
Electric switch, Momentary action. J. De Vincenzi. 2,198,659; Apr. 30.
Electric switch, Time controlled. E. G. Beiderman. 2,196,488; Apr. 9.
Electric switching device. G. F. Lincks, 2,189,588; Feb. 6.
Electric switching system. S. S. Matthes. 2,205,927; June 25.
Electric system of distribution. R. H. Twiss. 2,196,043; Apr. 2.
Electric systems, Protection of. R. E. Cordray. 2,209,810; July 30.
Electric tempo device. C. R. Myers. 2,195,255; Mar. 26.
Electric tester. R. L. Scoggin. 2,186,212; Jan. 9.
Electric tester. H. C. Smida. 2,212,307; Aug. 20.
Electric timing device. S. G. Crane. 2,221,863; Nov. 19.
Electric timing system. J. C. Wilson. 2,188,970; Feb. 6.
Electric translating apparatus. B. D. Bedford. 2,209,806; July 30.
Electric translating apparatus. G. W. Garman. 2,202,732; May 28.
Electric translating circuit. L. G. Levoy, Jr. 2,213,090; Aug. 27.
Electric translating device. F. J. von Delden. 2,194,535; Mar. 26.
Electric translating system. E. F. Christensen. 2,195,296; Mar. 26.
Electric translating system. C. C. Herskind. 2,195,308; Mar. 26.
Electric translating system. J. Plebanski. 2,219,396; Oct. 29.
Electric translation circuit. G. Guanella. 2,191,315; Feb. 20.
Electric unit heater. J. V. Falco. 2,221,703; Nov. 12.
Electric valve circuit. E. F. W. Alexanderson. 2,190,759; Feb. 20.
Electric valve circuit. B. D. Bedford. 2,202,726–7; May 28.
Electric valve circuit. B. D. Bedford and E. E. Moyer. 2,202,728; May 28.
Electric valve circuit. M. E. Bivens. 2,227,120; Dec. 31.
Electric valve circuit. E. A. Edwards. 2,220,755; Nov. 5.
Electric valve circuit. M. A. Edwards. 2,190,774–5; Feb. 20.
Electric valve circuit. K. Herzog and G. Vafiadis. 2,219,924; Oct. 29.
Electric valve circuit. E. E. Moyer. 2,190,757; Feb. 20.
Electric valve circuit. H. W. Pieplow. 2,199,246; Apr. 30.
Electric valve circuit. J. C. Read. 2,221,524; Nov. 12.
Electric valve circuit. E. J. Remscheid. 2,192,052; Feb. 27.
Electric valve circuit. D. R. Smith. 2,220,735; Nov. 5.
Electric valve circuit. A. L. Whiteley. 2,190,527; Feb. 13.
Electric wave amplifying system. J. O. Smethurst. 2,191,547; Feb. 27.
Electric welding. E. A. Clapp. 2,200,737; May 14.
Electric welding machine. H. Sebell. 2,209,286; July 23.
Electrical apparatus. H. R. Arnold. 2,205,236; June 18.
Electrical apparatus. D. M. Berges. 2,223,088; Nov. 26.
Electrical apparatus. G. R. Carlson and W. E. Stewart. 2,198,803; Apr. 30.
Electrical apparatus. A. Crossley. 2,222,406; Nov. 19.
Electrical apparatus. L. Devol and R. A. Hartley. 2,222,796; Nov. 26.
Electrical apparatus. H. Haas. 2,218,748; Oct. 22.
Electrical apparatus. W. J. Larkin, Jr. 2,209,734; July 30.
Electrical apparatus. D. E. Olshevsky. 2,205,306; June 18.
Electrical apparatus. R. Overholt, Jr. 2,209,845; July 30.
Electrical apparatus. H. F. Smith. 2,198,488; Apr. 23.
Electrical apparatus and method for locating minerals. W. M. Barret. 2,201,256; May 21.
Electrical apparatus, Treatment of. R. T. Reardon. 2,227,156; Dec. 31.
Electrical apparatus, Vibratory. C. S. Weyandt. 2,187,717; Jan. 23.
Electrical appliance. W. A. Barnes. 2,214,872; Sept. 17.
Electrical appliance base. W. H. Fischer. 2,212,065; Aug. 20.
Electrical cable. J. N. Aken. 2,212,360; Aug. 20.
Electrical cable. T. F. Peterson and H. W. Riddle. 2,212,700; Aug. 27.
Electrical cable and conductor and manufacturing the same. A. Deroche. 2,202,575; May 28.
Electrical circuit controller. W. K. Howe. 2,223,105; Nov. 26.
Electrical circuit controller. C. F. Thompson. 2,213,232; Sept. 3.
Electrical circuit tester. H. E. Woodring. 2,213,973; Sept. 10.
Electrical coil insulated with shellac and cashew nut shell liquid reaction product. J. J. Connors. 2,225,034; Dec. 17.
Electrical communication system. H. O. Ellis and W. H. B. Cooper. 2,207,537; July 9.
Electrical communications, Method and apparatus for receiving. E. A. Tubbs. 2,210,738; Aug. 6.
Electrical compensator. L. Batchelder. 2,214,735; Sept. 17.
Electrical condenser. J. Burnham. 2,193,710; Mar. 12.
Electrical condenser. A. T. Chapman. 2,224,288; Dec. 10.
Electrical condenser. S. S. Cramer. 2,187,017; Jan. 16.
Electrical condenser. S. S. Cramer. 2,207,239; July 9.
Electrical condenser. A. C. Ducati. 2,206,720; July 2.
Electrical condenser. W. Lommel. 2,211,019; Aug. 13.
Electrical condenser and manufacture. J. C. Koonz. 2,209,820; July 30.
Electrical conductor. W. T. Barrans, P. M. Cole, and B. P. Girard. 2,206,934; July 9.

Electrical conductor. D. K. Crampton. 2,203,080; June 4.
Electrical conductor. G. W. Pirk. 2,222,639; Nov. 26.
Electrical conductor. W. C. Robinson and R. W. E. Moore. 2,222,555–6; Nov. 19.
Electrical conductor, Insulated. F. M. Potter. 2,187,401; Jan. 16.
Electrical conductor retaining device. U. C. Dunaway. 2,219,443; Oct. 29.
Electrical conductor, Rubber insulated. J. McGavack. 2,192,980; Mar. 12.
Electrical conductor support. W. O. Langille. 2,214,696; Sept. 10.
Electrical conductors, Marking. G. E. Phillips. 2,186,555; Jan. 9.
Electrical connection. A. E. Papp and J. L. Winks. 2,195,630; Apr. 2.
Electrical connection. L. A. Scott. 2,213,020; Aug. 27.
Electrical connection, Guided and protected. J. A. Brewer. 2,213,133; Aug. 27.
Electrical connection means. H. J. Blakeslee. 2,199,022; Apr. 30.
Electrical connection means. H. A. Douglas. 2,194,824; Mar. 26.
Electrical connection means. H. A. Douglas. 2,205,244; June 18.
Electrical connection means. H. A. Douglas. 2,226,849; Dec. 31.
Electrical connection means. W. Schmid. 2,215,719; Sept. 24.
Electrical connector. H. W. Bodendieck. 2,200,380; May 14.
Electrical connector. A. E. Caldwell. 2,192,165; Feb. 27.
Electrical connector. C. J. Cihlar. 2,197,094; Apr. 16.
Electrical connector. W. H. Cochran and I. C. McKechnie. 2,222,252; Nov. 19.
Electrical connector. J. G. Debby. 2,186,476; Jan. 9.
Electrical connector. C. H. Finger. 2,209,814; July 30.
Electrical connector. E. E. Holke. 2,220,448; May 14.
Electrical connector. H. Köhler. 2,220,158; Nov. 5.
Electrical connector. E. Krämer. 2,214,081; Sept. 10.
Electrical connector. H. K. Krantz. 2,220,794; May 14.
Electrical connector. S. MacLean. 2,197,000; Apr. 16.
Electrical connector. F. W. Mebold. 2,203,337; June 4.
Electrical connector. F. W. Mebold. 2,218,210; Oct. 15.
Electrical connector. F. W. Mebold. 2,221,986; Nov. 19.
Electrical connector. W. S. Sheppley and A. Miller. 2,225,718; Dec. 24.
Electrical connector. S. Stambaugh. 2,199,599; May 7.
Electrical connector. H. P. Truesdell. 2,209,242; July 23.
Electrical connector. W. H. Walls. 2,203,973; June 11.
Electrical connector. W. B. Wells. 2,187,527; Jan. 16.
Electrical connector and spring contact therefor. R. A. Walker. 2,213,293; Sept. 3.
Electrical connector apparatus. J. L. Roemisch. 2,221,556; Nov. 12.
Electrical connector, Separable. W. T. Weidenman, Sr. 2,225,728; Dec. 24.
Electrical connector, Vice type. M. Lee. 2,204,899; June 18.
Electrical contact. W. E. Kock and J. F. Jordan. 2,215,124; Sept. 17.
Electrical contact. W. Osenberg. 2,193,294; Mar. 12.
Electrical contact. S. Ruben. 2,200,854–5; May 14.
Electrical contact means. J. Slepian. 2,200,125; May 7.
Electrical contact member. J. M. Kelly. 2,186,245; Jan. 9.
Electrical contact member. J. M. Kelly. 2,200,087–8; May 7.
Electrical contact protection. E. T. Burton. 2,207,969; July 16.
Electrical contactor. G. C. Armstrong and D. Ellis. 2,200,070; May 7.
Electrical control apparatus. C. G. Binder and L. H. Plum. 2,219,147; Oct. 22.
Electrical control apparatus. K. H. Conley. 2,191,816; Feb. 27.
Electrical control apparatus. F. M. Davis. 2,206,882; July 9.
Electrical control apparatus for stokers and the like. E. E. Potter and R. M. Brumfield. 2,196,802; Apr. 9.
Electrical control device, Automatic. R. W. Bonner and P. D. Hall. 2,188,973; Feb. 6.
Electrical control for steam mooring winches. F. Ware. 2,221,365; Nov. 12.
Electrical control system. T. Curzon. 2,190,402; Feb. 13.
Electrical control system. G. H. Fritzinger. 2,222,173; Nov. 19.
Electrical control system. L. C. Ludbrook. 2,213,882; Sept. 3.
Electrical control system. J. Morelisse. 2,192,555; Mar. 5.
Electrical control system. D. Santini. 2,221,610; Nov. 12.
Electrical controlling apparatus and method. E. E. Littlefield. 2,209,126; July 23.
Electrical convenience outlet. L. H. Peck. 2,215,712; Sept. 24.
Electrical converter. W. W. Hansen and R. H. Varian. 2,227,376; Dec. 31.
Electrical converting system. D. B. Clark. 2,199,281; Apr. 30.
Electrical device. H. J. Crabbs. 2,217,433; Oct. 8.
Electrical device. F. W. Godsey, Jr. 2,201,725; May 21.
Electrical device. H. J. Lemmens, W. Uyterhoeven, and J. A. M. Smilt. 2,210,489; Aug. 6.
Electrical device, Sealed. W. Dawihl and W. Thouret. 2,201,717; May 21.
Electrical discharge apparatus. B. Berghaus and W. Burkhardt. 2,219,614–15; Oct. 29.
Electrical discharge apparatus. C. G. Smith. 2,217,187; Oct. 8.
Electrical discharge device. E. Germer. 2,187,736; Jan. 23.
Electrical discharge device. E. Germer. 2,213,245; Sept. 3.
Electrical discharge device. E. Germer. 2,225,495; Dec. 17.
Electrical discharge device. W. C. Hahn. 2,220,839; Nov. 5.
Electrical discharge device, Luminous. R. E. Vollrath. Re. 21,613; Oct. 29.
Electrical discharge lamp. P. Freedman. 2,197,760; Apr. 23.
Electrical display device. A. F. Henninger, Jr., and G. D. Henninger. 2,210,718; Aug. 6.
Electrical distribution system. W. H. Frank. 2,186,377; Jan. 9.
Electrical distribution system. W. H. Frank and L. E. Fisher. 2,211,109; Aug. 13.
Electrical distribution, System of. A. Schmidt, Jr., 2,193,649; Mar. 12.
Electrical driving device for a rapidly rotating member, such as a spinning pot for artificial silk. J. W. Lubberhuizen. 2,194,286; Mar. 19.
Electrical driving means. A. T. Robertson. 2,211,673; Aug. 13.
Electrical exploration of the subsurface, Method and apparatus for the. J. J. Jakosky. 2,211,125; Aug. 13.
Electrical filter system. H. E. Meinema. 2,221,198; Nov. 12.
Electrical fixture construction. C. W. Abbott. 2,212,505; Aug. 27.
Electrical furnace. G. Delpech. 2,214,123; Sept. 10.
Electrical gauge. K. M. Harder and T. Ehrler. 2,219,282; Oct. 29.
Electrical generator. W. E. Kock and J. F. Jordan. 2,189,469; Feb. 6.
Electrical heating element. H. N. Shaw. 2,217,296; Oct. 8.
Electrical heating element. F. Singer. 2,207,558; July 9.
Electrical heating of storage and transportation system of a viscous fluid. H. A. Lines. 2,224,403; Dec. 10.
Electrical heating unit. J. E. Smith. 2,213,722–3; Sept. 3.
Electrical heating unit. J. E. Smith. 2,222,883; Nov. 26.
Electrical ignition systems of internal combustion engines, Testing. F. R. F. Ramsay. 2,188,845; Jan. 30.
Electrical impulse responsive means. G. L. Dimmick. 2,189,311; Feb. 6.
Electrical impulses, Recording and reproduction of. E. W. Kellogg. 2,206,963; July 9.
Electrical impulses, Recording of. F. E. Runge. 2,209,664; July 30.
Electrical indicating system. T. J. Smulski. 2,205,637; June 25.
Electrical induction apparatus. A. B. Hendricks, Jr. 2,217,442; Oct. 8.
Electrical induction apparatus. F. J. Vogel. 2,221,619; Nov. 12.
Electrical insulation cutter. M. Spinello. 2,187,215; Jan. 16.
Electrical inverter. W. H. Bennett. 2,203,663; June 11.
Electrical lamp. C. Kühnel. 2,212,664; Aug. 27.
Electrical locking receptacle. A. L. Kuhlman. 2,222,715; Nov. 26.
Electrical logging. L. F. Athy and H. R. Prescott. 2,207,280; July 9.
Electrical logging, Method and apparatus for. D. Silverman. 2,206,894; July 9.
Electrical machine. G. A. Gillen. 2,202,051; May 28.
Electrical measurements, Making. W. D. Mounce and W. M. Rust, Jr. 2,221,951; Nov. 19.
Electrical measuring equipment. A. Douty. 2,224,382; Dec. 10.
Electrical measuring instrument. K. M. Lederer. 2,221,643; Nov. 12.
Electrical measuring instrument. W. H. Rowe. 2,219,942; Oct. 29.
Electrical measuring instrument, Combination. T. Paul. 2,226,441; Dec. 24.
Electrical meter. R. H. Gould. 2,206,252; July 2.
Electrical meter, Differential. R. E. Mathes. 2,206,416; July 2.
Electrical motor. G. R. Bott. 2,196,189; Apr. 9.
Electrical network. G. H. Brown. 2,214,041; Sept. 10.
Electrical oscillation generator. P. F. M. Gloess. 2,213,275; Sept. 3.
Electrical phase reversal device. W. H. Bliss. 2,196,381; Apr. 9.

Electrical plug connector. H. Charmoy. 2,216,157; Oct. 1.
Electrical plug, Revolvable. J. J. Hollander. 2,225,218; Dec. 17.
Electrical precipitation. E. Anderson. 2,199,390; May 7.
Electrical precipitation apparatus. H. J. White. 2,192,250; Mar. 5.
Electrical precipitation, Method and apparatus for. H. J. White. 2,225,677; Dec. 24.
Electrical precipitator device. E. H. R. Pegg. 2,215,298; Sept. 17.
Electrical precipitator, Flushed. S. R. Allan. 2,214,649; Sept. 10.
Electrical product. W. R. Stewart. 2,219,568; Oct. 29.
Electrical prospecting apparatus. L. G. Ellis and J. W. Millington. 2,197,493; Apr. 16.
Electrical prospecting method and apparatus. C. B. Bazzoni and J. Razek. 2,222,136; Nov. 19.
Electrical prospecting, Method and apparatus for. C. A. Heiland. 2,189,377; Feb. 6.
Electrical receptacle. G. B. Benander. 2,215,316; Sept. 17.
Electrical recording, Method of and apparatus for. B. L. Kline and W. N. Engler. 2,225,247; Dec. 17.
Electrical rectifier. P. H. Dowling. 2,186,781; Jan. 9.
Electrical rectifier. H. L. Taylor. 2,215,890; Sept. 24.
Electrical regulating apparatus. J. M. Pelikan. 2,187,523; Jan. 16.
Electrical regulating system. L. W. Thompson. 2,211,612; Aug. 13.
Electrical regulation. L. W. Thompson. 2,196,041; Apr. 2.
Electrical regulator. G. H. Pohm and C. P. Stocker. 2,221,456; Nov. 12.
Electrical relay. H. E. Ashworth. 2,203,888; June 11.
Electrical relay. B. Lazich. 2,198,704; Apr. 30.
Electrical relay. B. Mishelevich. 2,189,178; Feb. 6.
Electrical remote control system. H. J. H. Wassell and F. H. Cannon. 2,194,174; Mar. 19.
Electrical resistance device and manufacture thereof. W. F. Janssen. 2,219,365; Oct. 29.
Electrical resistance element. S. Ruben. 2,213,969; Sept. 10.
Electrical resistor. M. Pirani. 2,205,308; June 18.
Electrical route indicator. R. F. O. Levin. 2,204,315; June 11.
Electrical signaling system. T. B. D. Terroni. 2,212,721; Aug. 27.
Electrical snubbing device. C. Reimuller. 2,185,312–3; Jan. 2.
Electrical surveying in drill holes. R. D. Elliott. 2,222,608; Nov. 26.
Electrical switch. H. J. Crabbs. 2,208,411; July 16.
Electrical switch. O. Froland. 2,185,729; Jan. 2.
Electrical switch. O. Froland. 2,203,350–1; June 4.
Electrical switch. R. G. Goodyear. 2,198,336; Apr. 23.
Electrical switch. W. A. Heinrich. 2,226,818; Dec. 31.
Electrical switch. R. Hetherington. 2,215,584; Sept. 24.
Electrical switch. W. Muir. 2,187,792; Jan. 23.
Electrical switch. L. H. Peck. 2,215,714; Sept. 24.
Electrical switch. A. C. Perry. 2,210,775; Aug. 6.
Electrical switch. C. H. Reynolds. 2,214,180; Sept. 10.
Electrical switch. P. N. Roseby. 2,188,519; Jan. 30.
Electrical switching and connecting apparatus. W. H. Lindae. 2,211,955; Aug. 20.
Electrical switching device. H. A. Douglas. 2,203,326; June 4.
Electrical switching device. H. A. Douglas. 2,205,245; June 18.
Electrical switching device. E. Krebs. 2,198,541; Apr. 23.
Electrical switching device. P. N. Roseby. 2,224,697; Dec. 10.
Electrical switching device. W. Schmid. 2,203,309; June 4.
Electrical switching means. R. H. Beach. 2,202,440; May 28.
Electrical synchronizing system. D. M. Berges. 2,213,358; Sept. 3.
Electrical system. L. P. Morris. 2,189,990; Feb. 13.
Electrical system. J. Plebanski. 2,216,829; Oct. 8.
Electrical system for displaying pictures and communications by means of a lamp screen. K. Rosenberg. 2,221,525; Nov. 12.
Electrical system for motor vehicles. A. C. Korte and K. Lannert. 2,218,847; Oct. 22.
Electrical terminal. H. L. Coyne. 2,200,059; May 7.
Electrical terminal. R. N. Rowe and J. Robertson. 2,201,674; May 21.
Electrical terminal and switchboard terminal block. F. L. Currie and L. H. Rovere. 2,224,902; Dec. 17.
Electrical testing. G. W. Archer. 2,189,457; Feb. 6.
Electrical testing apparatus. B. M. Haddfield. 2,207,513; July 9.
Electrical testing apparatus. C. Paulson. 2,201,562; May 21.
Electrical testing device. J. E. Hoffman. 2,209,119; July 23.
Electrical testing system. J. F. Rider and J. Avins. 2,227,381; Dec. 31.
Electrical testing system. A. L. Rosenberg. 2,203,878; June 11.
Electrical therapeutic apparatus and method. A. D. Cardwell and R. R. Batcher. 2,223,350; Dec. 3.
Electrical therapeutic machine. H. F. Dixon. 2,192,638; Mar. 5.
Electrical timed impulse circuit. S. P. Levenberg. 2,210,211; Aug. 6.
Electrical timing mechanism. A. E. Bachelet. 2,208,241; July 16.
Electrical transformation apparatus. O. Werner. 2,224,755; Dec. 10.
Electrical transmission circuit. A. W. Vance. 2,224,005; Dec. 3.
Electrical transmission line. R. L. Harvey and C. Wentworth. 2,226,928; Dec. 31.
Electrical transmission system. A. V. Bedford. 2,200,073; May 7.
Electrical transmission system. P. H. Smith. 2,212,214; Aug. 20.
Electrical transmitting means for speaking announcements. A. Findlay. 2,191,612; Feb. 27.
Electrical transmitting system. A. R. Morgan. 2,224,000; Dec. 3.
Electrical wave filter. B. Trevor. 2,201,326; May 21.
Electrical wave filter. B. Trevor. 2,220,922; Nov. 12.
Electrical wave segregation circuit. D. L. Plaistowe. 2,211,860; Aug. 20.
Electrical waves, Method and apparatus for generating. A. L. W. Williams. Re. 21,607; Oct. 22.
Electrically controlled brake. S. G. Down. 2,218,605; Oct. 22.
Electrically heated container. P. J. McCullough. 2,226,437; Dec. 24.
Electrically heated implement. A. L. Zent. 2,206,994; July 9.
Electrically heated steam iron. E. J. Wiggins. 2,190,903–4; Feb. 20.
Electrician's conduit wrench. C. S. Homsher. 2,196,701; Apr. 9.
Electrician's tool. R. V. Tays. 2,211,528; Aug. 13.
Electricity conductor unit. L. G. Morten. 2,218,545; Oct. 22.
Electricity generation. R. P. Lansing. 2,199,319; Ap 30.
Electro acoustic apparatus. E. Steffens. 2,206,517; July 2.
Electroapparatus to be used as toys and for educational and domestic purposes, Small size. A. B. Marquardt. 2,210,629; Aug. 6.
Electrocardiograph. E. T. Both. 2,193,471; Mar. 12.
Electrocardiograph. H. E. Hollmann. 2,227,135; Dec. 31.
Electrocardiographic machine attachment. G. Asher. 2,210,565; Aug. 6.
Electrocuting trap. C. T. Hazel. 2,191,127; Feb. 20.
Electrocuting trap. R. McKee. 2,218,403; Oct. 15.
Electrocuting trap. S. Palos. 2,187,400; Jan. 16.
Electrode. F. C. Ellis. 2,208,023; July 16.
Electrode. W. H. Welch. 2,188,771; Jan. 30.
Electrode and supplying current thereto, Continuous. L. Manfredini. 2,224,739; Dec. 10.
Electrode, Arc welding. T. J. Rasmussen and J. H. Humberstone. 2,209,829; July 30.
Electrode, Arc welding. T. J. Rasmussen and J. H. Humberstone. 2,210,777; Aug. 6.
Electrode assembly. N. H. Green. 2,225,445; Dec. 17.
Electrode assembly. F. Kaspar. 2,192,551; Mar. 5.
Electrode assembly, Discharge tube. A. W. Hull. 2,201,731; May 21.
Electrode-cathode (replenishing coating). G. S. Evans. 2,212,828; Aug. 27.
Electrode, Electrostatic type test. R. L. Stevens and J. P. Dallas. 2,219,497; Oct. 29.
Electrode feeding mechanism for arc searchlights. C. F. Herbold. 2,189,605; Feb. 6.
Electrode for electric discharge devices. W. J. Scott. 2,214,974; Sept. 17.
Electrode for glass melting furnace. R. G. Ehman and H. F. Hitner. 2,209,515; July 30.
Electrode for high-pressure mercury-vapor discharge device. V. J. Francis. 2,217,438; Oct. 8.
Electrode for lead-acid storage batteries and producing the same, Negative. A. P. Hauel. 2,191,231; Feb. 20.
Electrode for measuring electrolytic effects. F. C. Ellis. 2,215,213; Sept. 17.
Electrode for protecting buried metallic structures from corrosion, Composite. G. I. Rhodes. 2,204,823; June 18.
Electrode for spot welding. P. M. Hall. 2,208,977; July 23.
Electrode for television tubes. R. B. Janes. 2,204,251; June 11.
Electrode for thermionic tubes, Apertured. H. S. Bamford. 2,185,395; Jan. 2.
Electrode holder. P. Bourque. 2,200,947; May 14.
Electrode holder. C. R. Fitch. 2,220,783; Nov. 5.
Electrode holder. G. R. Hensel and E. I. Larsen. 2,215,289; Sept. 17.
Electrode holder. L. W. Weeks. 2,186,158; Jan. 9.
Electrode holder, Welding. J. H. Faunce. 2,204,545; June 18.
Electrode illuminating device, Cautery. W. A. Arnesen. 2,196,171; Apr. 9.
Electrode, Make-alive. L. T. Bourland. 2,214,607; Sept. 10.
Electrode means. J. Pätzold and P. Betz. 2,220,269; Nov. 5.
Electrode mounting. E. Steudel. 2,202,607; May 28.

Electrode, particularly for electrolytic devices. P. Werner. 2,218,076; Oct. 15.
Electrode rapping mechanism for electric precipitators. G. H. Horne. 2,198,618; Apr. 30.
Electrode release for arc lamps. R. J. Brandt. Re. 21,346; Feb. 13.
Electrode, Resistance welding. J. J. Brown. 2,214,760; Sept. 17.
Electrode sealing-in. G. A. Freeman. 2,215,641; Sept. 24.
Electrode, Secondary electron emitting. R. Warnecke. 2,189,971; Feb. 13.
Electrode, Selenium contact. E. D. Wilson. 2,193,610; Mar. 12.
Electrode structure. W. H. Hickok. 2,189,985; Feb. 13.
Electrode structure. M. Knoll. 2,193,101; Mar. 12.
Electrode structure. J. Kurtz. 2,222,669; Nov. 26.
Electrode structure for electric precipitators. H. Fiesel. 2,208,289; July 16.
Electrode structure, Mosaic. M. Bandringa and M. C. Teves. 2,198,327; Apr. 23.
Electrode structure, Mosaic. G. S. P. Freeman. 2,222,940; Nov. 26.
Electrode support. B. W. Kinyon. 2,206,504; July 2.
Electrode support. K. M. McLaughlin and H. R. Seelen. 2,206,511; July 2.
Electrode system. J. B. Sherman. 2,213,172; Aug. 27.
Electrode system for cathode ray tubes. H. Kniepkamp. 2,202,588; May 28.
Electrode system having a control electrode, Dry plate. A. Glaser, W. Koch, and H. Voigt. 2,208,455; July 16.
Electrode, Tube. D. Schenk. 2,189,998; Feb. 13.
Electrode, Welding. J. V. Caputo. 2,205,680; June 25.
Electrode, Welding. R. J. Franklin. 2,213,390; Sept. 3.
Electrode, Welding. S. G. Negrich. 2,219,817; Oct. 29.
Electrode, Welding. R. H. Starrett. 2,226,080; Dec. 24.
Electrode, Well-logging. C. J. Haynes. 2,202,656; May 28.
Electrode with slide contacts. M. O. Sem. 2,193,434; Mar. 12.
Electrodes for lead-acid storage batteries, Producing positive. A. P. Hauel. 2,202,489; May 28.
Electrodes, Making mosaic. W. Hickok. 2,189,986; Feb. 13.
Electrodes, Manufacturing secondary emitting. A. Sommer. 2,206,372; July 2.
Electrodes, Quick change. R. A. Gilbert. 2,224,598; Dec. 10.
Electrodisposition. L. H. Flett. 2,195,409; Apr. 2.
Electrodynamic apparatus. E. Hausdorf. 2,187,236; Jan. 16.
Electrogalvanizing process. J. P. Hubbell and L. Weisberg. 2,200,987; May 14.
Electrographic system and apparatus. G. D. O'Neill. 2,209,929; July 30.
Electrolysis cell. K. Paul. 2,224,831; Dec. 10.
Electrolysis cell, Fused salt. R. E. Hulse, V. L. Hansley, and H. G. Laughlin. 2,194,444; Mar. 19.
Electrolyte. A. M. Georgiev. 2,198,494; Apr. 23.
Electrolyte and apparatus for electrodeposition of metals, Means for circulating. A. Cremer. 2,196,355; Apr. 9.
Electrolytes and electric condenser made therewith. L. Linder. 2,227,146; Dec. 31.
Electrolytic apparatus. A. J. MacDougall. 2,204,506; June 11.
Electrolytic cell. W. J. Rosenbloom. 2,225,800; Dec. 24.
Electrolytic cell. E. Sorensen. 2,226,784; Dec. 31.
Electrolytic coatings on magnesium and its alloys, Treating. R. W. Buzzard. 2,203,670; June 11.
Electrolytic condenser. G. Biniek. 2,198,988; Apr. 30.
Electrolytic condenser. A. F. P. J. Claassen. 2,220,887; Nov. 12.
Electrolytic condenser. P. M. Deeley. 2,190,826–7; Feb. 20.
Electrolytic condenser. P. M. Deeley. 2,216,186; Oct. 1.
Electrolytic condenser. C. de Lange and J. D. de Vries. 2,213,209; Sept. 3.
Electrolytic condenser. F. Evers, W. Herrmann, and P. Werner. 2,209,770; July 30.
Electrolytic condenser. H. F. Fruth. 2,224,150; Dec. 10.
Electrolytic condenser. D. Jacobs. 2,211,780; Aug. 20.
Electrolytic condenser. L. Linder. 2,224,307; Dec. 10.
Electrolytic condenser. P. Robinson. 2,206,430; July 2.
Electrolytic condenser. S. Ruben. 2,199,446–7; May 7.
Electrolytic device. J. B. Brennan. 2,209,871; July 30.
Electrolytic device. J. Burnham. 2,193,711; Mar. 12.
Electrolytic device. J. L. Collins. 2,201,761; May 21.
Electrolytic device. J. L. Collins and A. Durant, Jr. 2,199,519; May 7.
Electrolytic device. P. Robinson. 2,206,050; July 2.
Electrolytic facsimile system. C. J. Young. 2,215,806; Sept. 24.
Electrolytic fused bath. R. E. Hulse. 2,224,820; Dec. 10.
Electrolytic process for the preparation of printing cylinders. I. Gurwick and R. A. Jennings. 2,217,015; Oct. 8.
Electrolytically coating nonproductive materials. S. Ruben. 2,211,582; Aug. 13.
Electromagnet. E. H. Ayers. 2,207,572; July 9.
Electromagnetic apparatus. H. A. Henning. 2,218,609; Oct. 22.
Electromagnetic apparatus. H. A. Howell. 2,212,192; Aug. 20.
Electromagnetic apparatus. A. Winther. 2,197,990; Apr. 23.
Electromagnetic apparatus. M. P. Winther and M. Kindt. 2,220,032; Oct. 29.
Electromagnetic brake. M. B. Chambers. 2,191,188; Feb. 20.
Electromagnetic clutching mechanism. J. Cotal. 2,224,254; Dec. 10.
Electromagnetic control. A. and M. P. Winther. 2,193,214; Mar. 12.
Electromagnetic control device. F. H. Winter. 2,196,883; Apr. 9.
Electromagnetic controlling means. W. J. Garlick, Jr. 2,207,248; July 9.
Electromagnetic counter unit. B. Cooper. 2,185,724; Jan. 2.
Electromagnetic device. H. List. 2,216,620; Oct. 1.
Electromagnetic device. D. D. Miller. 2,185,603; Jan. 2.
Electromagnetic holding device and demagnetizer. S. Karasick. 2,213,007; Aug. 27.
Electromagnetic lock. J. P. James. 2,197,802; Apr. 23.
Electromagnetic material. J. L. McCowen. 2,199,526; May 7.
Electromagnetic mechanism. E. E. Bilgart. 2,189,934; Feb. 13.
Electromagnetic motor, Vibratory. R. R. Smith. 2,187,576; Jan. 16.
Electromagnetic switch. W. B. Wells and W. K. Lockhart. 2,224,417; Dec. 10.
Electromagnetic switching device. P. E. Buch and C. S. Knowlton. 2,220,143; Nov. 5.
Electromagnetic testing system. P. H. Brace and C. S. Williams. 2,221,570; Nov. 12.
Electromagnetic transmission. J. Elwell. 2,205,688; June 25.
Electromagnetic valve. J. Eaton. 2,223,986; Dec. 3.
Electromagnetic vibratory motor. E. L. Barrett and J. Bertschi. 2,185,683; Jan. 2.
Electromagnetic wave transmission. H. J. McCreary. 2,187,908; Jan. 23.
Electromagnetically driven motor. L. J. Wahl. 2,218,837; Oct. 22.
Electromechanical driving system. E. E. Mayer. 2,221,982; Nov. 19.
Electromechanical mechanism for actuating calculating machines and recording the results therefrom. M. G de Simone. 2,195,080; Mar. 26.
Electromechanical servo device. D. S. Bond. 2,208,623; July 23.
Electromechanical translating device. M. J. Di Toro. 2,227,072; Dec. 31.
Electrometer. R. Rosenberger. 2,209,138; July 23.
Electrometrical measurements, Arrangement for carrying out. H. Grüss, P. Kähle, and F. Lieneweg. 2,190,835; Feb. 20.
Electromotor. E. E. Gregory, and H. E. Comings. Re. 21,579.
Electron amplifier. K. Schlesinger. 2,227,030; Dec. 31.
Electron apparatus. W. H. Manthorne. 2,187,591; Jan. 16.
Electron beam control system. R. Urtel. 2,202,612; May 28.
Electron beam device. G. F. Metcalf. 2,192,049; Feb. 27.
Electron beam tube. J. M. Cage. 2,225,330; Dec. 17.
Electron device. G. B. Banks. 2,207,503; July 9.
Electron device. H. Boersch. 2,202,620; May 28.
Electron device. E. Bruche. 2,225,901; Dec. 24.
Electron device. K. Diels. 2,197,033; Apr. 16.
Electron device. K. Diels. 2,199,540; May 7.
Electron device. K. Diels and M. Knoll. 2,218,702; Oct. 22.
Electron device. H. E. Hollmann. 2,195,456; Apr. 2.
Electron device. G. Holst and M. Wolf. 2,212,206; Aug. 20.
Electron device. I. G. Maloff. 2,206,413; July 2.
Electron discharge apparatus. E. Bruce. 2,193,578–9; Mar. 12.
Electron discharge apparatus. H. A. Iams. 2,213,547; Sept. 3.
Electron discharge apparatus. L. C. Peterson. 2,217,417; Oct. 8.
Electron discharge apparatus. J. R. Pierce. 2,207,356; July 9.
Electron discharge apparatus. A. M. Skellett. 2,217,774; Oct. 15.
Electron discharge apparatus. G. K. Teal. 2,196,278; Apr. 9.
Electron discharge device. W. H. Aldous. 2,191,903; Feb. 27.
Electron discharge device. D. H. Black. 2,199,278; Apr. 30.
Electron discharge device. J. Böhme. 2,203,249; June 4.
Electron discharge device. G. F. Brett. 2,213,543; Sept. 3.
Electron discharge device. G. F. Brett. 2,227,062; Dec. 31.
Electron discharge device. E. Bruce. 2,201,880; May 21.
Electron discharge device. H. Bruining. 2,189,973; Feb. 13.
Electron discharge device. C. S. Bull and J. E. Keyston. 2,193,959; Mar 19.
Electron discharge device. A. G. Clavier, P. F. M. Gloess, and H. J. Le Boiteux. 2,226,696; Dec. 31.
Electron discharge device. B. A. Diggory and G. K. Teal. 2,188,940; Feb. 6.

Electron discharge device. K. Fritz. 2,198,334; Apr. 23.
Electron discharge device. F. Gray. 2,197,041–2; Apr. 16.
Electron discharge device. A. V. Haeff and L. P. Smith. 2,225,447; Dec. 17.
Electron discharge device. J. R. Hefele and G. K. Teal. 2,217,168; Oct. 8.
Electron discharge device. R. C. Hergenrother. 2,206,954; July 9.
Electron discharge device. E. W. Herold. 2,219,102; Oct. 22.
Electron discharge device. O. Heymann. 2,200,745; May 14.
Electron discharge device. J. L. H. Jonker and A. J. W. M. van Overbeek. 2,203,221; June 4.
Electron discharge device. E. Labin. 2,203,334; June 4.
Electron discharge device. J. P. Laico. 2,227,093; Dec. 31.
Electron discharge device. D. B. Langmuir. 2,219,107; Oct. 22.
Electron discharge device. H. G. Lubszynski. 2,199,438; May 7.
Electron discharge device. H. Mahl. 2,223,040; Nov. 26.
Electron discharge device. H. Mahl. 2,225,917; Dec. 24.
Electron discharge device. H. Nelson. 2,213,551; Sept. 3.
Electron discharge device. G. D. O'Neill. 2,192,753; Mar. 5.
Electron discharge device. J. R. Pierce. 2,207,354; July 9.
Electron discharge device. J. R. Pierce and G. K. Teal. 2,200,722; May 14.
Electron discharge device. N. M. Rust and G. F. Brett. 2,190,735; Feb. 20.
Electron discharge device. A. L. Samuel. 2,186,127; Jan. 9.
Electron discharge device. O. H. Schade. 2,219,117; Oct. 22.
Electron discharge device. R. Scharfnagel. 2,225,465; Dec. 17.
Electron discharge device. W. Shockley. 2,207,355; July 9.
Electron discharge device. A. M. Skellett. 2,195,098; Mar. 26.
Electron discharge device. J. W. Strange and W. H. Connell. 2,227,042; Dec. 31.
Electron discharge device. M. J. O. Strutt, and P. H. J. A. Kleynen. 2,205,500; June 25.
Electron discharge device. R. Tamm. 2,212,215; Aug. 20.
Electron discharge device. B. J. Thompson. 2,195,505; Apr. 2.
Electron discharge device. A. J. W. M. van Overbeek. 2,225,325; Dec. 17.
Electron discharge device. W. G. Wagener. 2,195,474; Apr. 2.
Electron discharge device and circuit. J. L. H. Jonker. 2,201,695; May 21.
Electron discharge device circuit. S. T. Brewer. 2,212,337; Aug. 20.
Electron discharge device circuit, Return coupled. E. Rahn and E. Willwacher. 2,226,740; Dec. 31.
Electron discharge device for television transmission and like purposes. K. Schlesinger. 2,227,013; Dec. 31.
Electron discharge device, High powered. P. T. Smith and L. P. Garner. 2,227,039; Dec. 31.
Electron discharge device system. G. Krawinkel. 2,201,587; May 21.
Electron discharge device utilizing electron multiplication. O. Klemperer. 2,203,225; June 4.
Electron discharge device utilizing negative transconductance. E. W. Herold. 2,226,561; Dec. 31.
Electron discharge modulating device. W. A. Harris. 2,198,340; Apr. 23.
Electron discharge tube. W. Flechsig. 2,213,762; Sept. 3.
Electron discharge tube. B. O. M. Gall and J. B. Hugenholtz. 2,191,884; Feb. 27.
Electron discharge tube. D. G. Haines. 2,194,547; Mar. 26.
Electron discharge tube. J. D. Le Van. 2,217,869; Oct. 15.
Electron discharge tube. W. S. Percival. 2,211,859; Aug. 20.
Electron discharge tube. H. Schedel. 2,202,470; May 28.
Electron discharge tube. R. E. Shelby. 2,193,539; Mar. 12.
Electron discharge tube. T. P. Tromp. 2,205,502; June 25.
Electron discharge tube, Multigrid. D. G. Burnside. 2,214,808; Sept. 17.
Electron discharge tube water jacket. C. H. Suydam. 2,186,563; Jan. 9.
Electron discharge valve. C. S. Bull. 2,190,697; Feb. 20.
Electron emitter and making it, Secondary. H. Bruining, J. H. de Boer, and M. C. Teves. 2,190,695; Feb. 20.
Electron emitter and making it, Secondary. O. Krenzien. 2,204,252; June 11.
Electron emitter, Secondary. R. Warnecke and A. Briot. 2,189,972; Feb. 13.
Electron focusing system. W. Schroeder. 2,218,725; Oct. 22.
Electron gun. F. H. Nicoll and B. J. Mayo. 2,226,439; Dec. 24.
Electron gun for cathode ray tubes. I. G. Maloff, D. W. Epstein, and K. R. Wendt. 2,185,378; Jan. 2.
Electron-microscopically investigating subjects. M. Ploke. 2,219,113; Oct. 22.
Electron multiplication, Means and method for producing. P. T. Farnsworth. 2,204,479; June 11.
Electron multiplier. E. Brüche and E. Steudel. 2,185,172; Jan. 2.
Electron multiplier. R. Colberg. 2,218,744; Oct. 22.
Electron multiplier. W. Flechsig. 2,216,267; Oct. 1.
Electron multiplier. W. Flechsig. 2,221,447; Nov. 12.
Electron multiplier. J. E. Keyston. 2,210,034; Aug. 6.
Electron multiplier. H. W. Langenwalter. 2,204,503; June 11.
Electron multiplier. E. G. Linder. 2,220,161; Nov. 5.
Electron multiplier. A. A. Linsell. 2,188,410; Jan. 30.
Electron multiplier. R. Möller and F. Below. 2,204,428; June 11.
Electron multiplier. R. Orthuber and E. Steudel. 2,227,103; Dec. 31.
Electron multiplier. E. Ruska. 2,213,769; Sept. 3.
Electron multiplier. J. Schunack and E. Ruska. 2,213,076; Aug. 27.
Electron multiplier. K. Siebertz. 2,187,184; Jan. 17.
Electron multiplier. E. Steudel and R. Orthuber. 2,185,611; Jan. 2.
Electron multiplier, Divided stream. R. L. Snyder. 2,208,938; July 23.
Electron multiplier, Multistage. W. Flechsig. 2,192,770; Mar. 5.
Electron multiplier, Shielded anode. P. T. Farnsworth and R. L. Snyder. 2,203,048; June 4.
Electron-multiplier system. R. L. Snyder, Jr. 2,198,233; Apr. 23.
Electron multiplier tube. G. B. Banks. 2,221,070; Nov. 12.
Electron multiplier tube. O. Krenzien. 2,189,318; Feb. 6.
Electron multiplier, Voltage-controlled. K. Schlesinger. 2,227,022; Dec. 31.
Electron-optical device. G. A. Morton. 2,222,181; Nov. 19.
Electron optical system. K. Schlesinger. 2,227,033; Dec. 31.
Electron oscillation generator and phase modulator. G. L. Usselman. 2,210,015; Aug. 6.
Electron scanning tube. K. Schlesinger. 2,227,024; Dec. 31.
Electron switching circuit. R. H. George. 2,222,943; Nov. 26.
Electron tube. O. Baier and C. Jung-Zaeper. 2,201,216; May 21.
Electron tube. F. Herriger. 2,204,217; June 11.
Electron tube. E. Löpp. 2,212,570; Aug. 27.
Electron tube. G. A. Morton. 2,212,645; Aug. 27.
Electron tube. R. Scharfnagel. 2,206,516; July 2.
Electron tube. W. Statz and F. Malsch. 2,197,652; Apr. 16.
Electron tube. R. M. Wundt and A. Katsch. 2,212,578; Aug. 27.
Electron tube and circuit employing it. A. G. Clavier and E. Rostás. 2,215,779; Sept. 24.
Electron tube apparatus. H. G. Lubszynski. 2,227,097; Dec. 31.
Electron tube arrangement. K. Schlesinger. 2,227,025; Dec. 31.
Electron tube mounting. E. Ziganke. 2,189,874; Feb. 13.
Electron valve. E. Waldschmidt. 2,227,046; Dec. 31.
Electronic device. E. Brüche. 2,206,387; July 2.
Electronic device. H. E. Hollmann. 2,206,668; July 2.
Electronic device. K. W. Jarvis and R. M. Blair. 2,220,452; Nov. 5.
Electronic device. M. Knoll. 2,188,661; Jan. 30.
Electronic device. O. Krenzien. 2,190,914; Feb. 20.
Electronic device. F. M. Penning. 2,211,668; Aug. 13.
Electronic device. F. Schroter. 2,212,249; Aug. 20.
Electronic device. C. G. Smith. 2,201,819; May 21.
Electronic discharge device. C. G. Smith. 2,201,818; May 21.
Electronic discharge device. I. Wolff. 2,207,846; July 16.
Electronic discharge devices, Reduction of undesired emissions of. C. W. Hansell. 2,226,720; Dec. 31.
Electronic discharge method and apparatus. C. G. Smith. 2,201,817; May 21.
Electronic discharge tube. B. Berghaus and W. Burkhardt. 2,203,452; June 4.
Electronic discharge tube. A. Katsch. 2,189,906; Feb. 13.
Electronic distributor system. M. Morrison. 2,204,375; June 11.
Electronic generator. D. J. Fewings. 2,205,760; June 25.
Electronic image indicating device. J. D. McGee, G. S. P. Freeman, and W. S. Brown. 2,185,601; Jan. 2.
Electronic indicating system. R. H. George. 2,216,707; Oct. 1.
Electronic indicator for investigating impulses, vibrations, and the like. T. B. Hetzel and P. H. Schweitzer. 2,192,863; Mar. 5.
Electronic oscillation generator. C. L. Faudell and E. L. C. White. 2,188,653; Jan. 30.
Electronic oscillation generator. C. L. Faudell and E. L. C. White. 2,212,202; Aug. 20.

Electronic reactance wave filter. W. V. Roberts. 2,216,521; Oct. 1.
Electronic regulator. F. H. Gulliksen. 2,210,715; Aug. 6.
Electronic switching device. F. Gray. 2,214,019; Sept. 10.
Electronic system. H. E. Hollmann. 2,195,455; Apr. 2.
Electro-optical apparatus. J. C. Batchelor. 2,196,691; Apr. 9.
Electro-optical device. G. A. Morton. 2,189,319–21; Feb. 6.
Electro-optical image device. H. G. Lubszynski and H. Miller. 2,185,857; Jan. 2.
Electro-optical image production. J. R. Hefele. 2,208,927; July 23.
Electro-optical method and apparatus. J. C. Batchelor. 2,203,347; June 4.
Electro-optical method and apparatus. P. Bernstein. 2,199,066; Apr. 30.
Electro-optical system. F. Gray. 2,195,486; Apr. 2.
Electro-optical system, Multiple channel. W. A. Knoop. 2,203,870; June 11.
Electro-optical transmission of image, System for. Y. Niwa, M. Kobayashi, and T. Hayashi. 2,217,416; Oct. 8.
Electro-optical transmission system. A. G. Cooley and G. Van der V. Dillenback, Jr. 2,212,807; Aug. 27.
Electroplating. L. Cinamon and S. Sklarew. 2,198,365; Apr. 23.
Electroplating. R. O. Hull. 2,196,588; Apr. 9.
Electroplating. S. Sklarew and L. Cinamon. 2,216,605; Oct. 1.
Electroplating. C. J. Wernlund. 2,221,562; Nov. 12.
Electroplating machine. V. W. Todd. 2,214,262; Sept. 10.
Electroplating pad. W. A. Hesse. 2,215,102; Sept. 17.
Electroplating process. M. Brown. 2,203,253; June 4.
Electroplating process. L. R. Westbrook. 2,218,734; Oct. 22.
Electroplating support. C. R. Crawford. 2,194,138; Mar. 19.
Electroprocessing machine. G. Todd. 2,196,131–2; Apr. 2.
Electroresponsive device. W. J. Zenner. 2,219,157; Oct. 22.
Electroresponsive light valve. O. C. Martin. 2,200,797; May 14.
Electrostatic condenser. A. Ortlieb. 2,216,558; Oct. 1.
Electrostatic condenser. A. Ortlieb and H. Sträb. 2,216,559; Oct. 1.
Electrostatic condenser. L. G. Thomas. 2,185,777; Jan. 2.
Electrostatic field for drying leather and the like, Use of a stray. G. T. Hart, Jr., and E. E. Winkley. 2,212,522; Aug. 27.
Electrostatic fields, Utilization of. G. T. Hart, Jr. 2,222,615; Nov. 26.
Electrostatic gas cleaner. G. C. Derry. 2,215,807; Sept. 24.
Electrostatic machine. A. E. Landerholm. 2,208,217; July 16.
Electrostatic precipitator equipment. R. L. Hildebrand. 2,200,085; May 7.
Electrostatic recording and reproducing. F. Gray. 2,200,741; May 14.
Electrostatic separation. H. B. Johnson. 2,197,864; Apr. 23.
Electrostatic separator. H. L. Bullock. 2,225,096; Dec. 17.
Electrostatic wide-angle deflection. K. Schlesinger. 2,227,036; Dec. 31.
Electrotherapeutic apparatus. L. M. Pignolet. 2,226,514; Dec. 24.
Electrothermal motor. S. G. Crane. 2,203,719; June 11.
Electrotypes, Method and apparatus for making. G. W. Bungay. 2,200,536; May 14.
Elevating device. E. T. Todd and R. G. Wilsted. 2,217,352; Oct. 8.
Elevating mechanism for guns having fine and coarse adjusting mechanism. A. Krum. 2,223,891; Dec. 3.
Elevator. W. E. Cheney. 2,212,388; Aug. 20.
Elevator. R. B. and R. L. Glidden and N. Nelson. 2,195,567; Apr. 2.
Elevator. J. S. Hardy. 2,190,783; Feb. 20.
Elevator. G. Krell. 2,211,016; Aug. 13.
Elevator. C. S. and F. W. Lagerquist. 2,214,588; Sept. 10.
Elevator. H. Raymond. 2,222,685; Nov. 26.
Elevator. H. A. Starr. 2,214,288; Sept. 10.
Elevator. H. W. Wylie. 2,220,191; Nov. 5.
Elevator and wrench, Combination. J. E. Le Bus. 2,190,547; Feb. 13.
Elevator apparatus. J. A. Scheutz. 2,187,283; Jan. 16.
Elevator, Automatic. H. E. Williams. 2,203,118; June 4.
Elevator car enclosure. C. C. Campbell. 2,206,075; July 2.
Elevator control apparatus. H. N. Eklund. 2,195,084; Mar. 26.
Elevator control-signal system. C. A. Carson. 2,224,808; Dec. 10.
Elevator control system. R. H. Wagner. 2,210,695; Aug. 6.
Elevator controller. G. C. Brown. 2,189,193; Feb. 6.
Elevator cover. J. D. Gay, Jr. 2,221,236; Nov. 12.
Elevator, Flow preventing pipe. S. B. Rodgers. 2,224,657; Dec. 10.
Elevator for grain or the like. G. A. Gates. 2,196,390; Apr. 9.
Elevator for sheet feeding machines, Pile. M. S. Gudger and F. W. Seybold. 2,225,007; Dec. 17.
Elevator, Invalid. C. O. Nicolai. 2,203,204; June 4.
Elevator, Pipe. D. Cole. 2,195,445; Apr. 2.
Elevator, Portable. R. J. Owen. 2,194,052; Mar. 19.
Elevator, Rod. H. E. Grau and G. F. Nicolson. 2,218,000; Oct. 15.
Elevator signal and control system. W. F. Eames. 2,224,722; Dec. 10.
Elevator, Stair. R. R. Knudsen. 2,207,544; July 9.
Elevator system. G. N. Crabbe and A. W. Paulson. 2,222,193; Nov. 19.
Elevator system. W. F. Glaser. 2,215,098; Sept. 17.
Elevator system. F. L. Kebelman. 2,185,748; Jan. 2.
Elevator system, Automatic. E. M. Bouton and R. E. Ward. 2,224,718; Dec. 10.
Elevator transmission. O. F. Shepard. 2,207,166; July 9.
Elevator, Well pipe. G. E. Mullinix. 2,215,649; Sept. 24.
Eliminator, Backlash. M. E. Martellotti. 2,191,131; Feb. 20.
Elliptic spring. T. R. Weber. 2,199,381; May 7.
Elliptic spring. T. R. Weber. 2,202,786; May 28.
Elongation gauge. E. G. Schlup. 2,197,196; Apr. 16.
Emasculator. D. B. King. 2,187,881; Jan. 23.
Embalming clamp. R. W. Martinson. 2,215,725; Sept. 24.
Embalming composition. H. I. Jones. 2,208,764; July 23.
Embalming device. R. S. Malburg. 2,203,832; June 11.
Embalming fluid. H. I. Jones. 2,215,154; Sept. 17.
Embalming fluid. H. I. Jones. 2,219,927; Oct. 29.
Emergency exit light. C. P. Hulst. 2,213,584; Sept. 3.
Emergency exit lock. H. G. Voight and W. S. Edwards. 2,198,359; Apr. 23.
Emergency governing apparatus. P. H. Knowlton. 2,188,187; Jan. 23.
Emergency switch. W. A. Mueller, Sr. 2,198,677; Apr. 30.
Emergency wheel. N. Z. Grasso. 2,220,518; Nov. 5.
Emission device, Secondary. G. Rabuteau and E. Labin. 2,209,847; July 30.
Emission suppression means. C. F. Veenemans. 2,213,558; Sept. 3.
Emplacement former. F. Gerriets. 2,202,147; May 28.
Empty and load brake. W. E. Dean, Jr. 2,194,742; Mar. 26.
Emptying apparatus for diffusers, pulp bins, and the like, for the manufacture of cellulose and paper. O. Qviller. 2,185,567; Jan. 2.
Emptying device for vacuum cleaner bags. E. W. Vose. 2,224,092; Dec. 3.
Emulsifier. J. B. Hayes. 2,198,614; Apr. 30.
Emulsifying aerating device for fish containers. J. F. Haldeman. 2,207,514; July 9.
Emulsifying agent and production. M. Blumer, G. A. Kessler and L. Salzmann. 2,201,119; May 14.
Emulsifying composition. R. Kapp. 2,207,256; July 9.
Emulsifying means and method. A. C. Daman. 2,189,779; Feb. 13.
Emulsion. R. L. Brandt. 2,216,485; Oct. 1.
Emulsion. A. K. Epstein. 2,223,558; Dec. 3.
Emulsion, Bituminous. W. H. Carmody. 2,195,529; Apr. 2.
Emulsion, Bituminous. C. Maters and M. J. Riemersma. 2,199,206; Apr. 30.
Emulsion breaker. C. G. Hawley. 2,214,248; Sept. 10.
Emulsion breaking reagent and preparing the same. J. G. Suthard. 2,206,062; July 2.
Emulsion composition, Wax. W. C. Dutton. 2,198,991; Apr. 30.
Emulsion, Lubricating. R. C. Williams. 2,199,146; Apr. 30.
Emulsion, Pest destroying. R. Neu. 2,194,446; Mar. 19.
Emulsion product. D. F. Brown and H. C. De Hoff. 2,189,854; Feb. 13.
Emulsion, Stable. R. Kapp. 2,203,641; June 4.
Emulsions, Breaking. H. B. Pearson, Jr. 2,185,710; Jan. 2.
Emulsions, Breaking mineral oil. E. Vogt and K. Smeykal. 2,216,257; Oct. 1.
Emulsions, Method and agent for breaking water-in-oil. B. S. de Mering. 2,209,445; July 30.
Emulsions of water with liquid or liquefiable substances which are immiscible with water, Staple. T. W. Dickeson. 2,194,218; Mar. 19.
Emulsions, Process and reagent for resolving. T. B. Wayne. 2,214,783–4; Sept. 17.
Emulsions, Process and reagent for resolving. T. B. Wayne. 2,225,189; Dec. 17.
Emulsions, Resolving. O. F. Hedenburg. 2,190,022; Feb. 13.
Emulsions, suspensions, and like dispersions. L. H. Flett. 2,205,950; June 25.
Emulsions with high solids content, Revertible. R. J. Myers and H. C. Cheetham. 2,220,685; Nov. 5.
Enamel, Acid resisting. L. Stuckert. 2,209,585; July 30.
Enamel composition. F. J. Emig. 2,216,234; Oct. 1.
Enamel composition, Fingernail. R. C. Peter. 2,195,971; Apr. 2.

Enamel, Production of luminous. W. Kerstan, H. Diehl, and W. Deseke. 2,224,516; Dec. 10.
Enamel, Vitrifiable. A. J. Deyrup. 2,225,162; Dec. 17.
Enamelware making. J. E. Rosenberg. 2,210,556; Aug. 6.
Enameling, Vitreous. A. L. Matthes. 2,216,017; Sept. 24.
Enamels and glazes and producing the same. C. Oberländer and F. H. Zschacke. 2,194,246; Mar. 19.
Enclosed switch. H. J. Hammerly. 2,198,593; Apr. 30.
Enclosed switch. J. P. Heim. 2,218,028; Oct. 15.
Enclosed switch. R. N. Rowe. 2,216,298; Oct. 1.
Enclosure, Collapsible. A. G. Peterson. 2,219,272; Oct. 22.
Enclosure for bed frames, Foldable screen. O. B. Morgan. 2,218,765; Oct. 22.
Enclosure for railway motors. E. O. Mueller. 2,200,119; May 7.
Enclosure, Insulated. S. Bracken. 2,209,762; July 30.
End connector. W. A. Belcher, Jr. 2,214,448; Sept. 10.
End connector. J. W. W. Holden. 2,223,420; Dec. 3.
End filler for cable winding devices, Removable. G. F. Le Bus. 2,216,819; Oct. 8.
Endgate. F. J. Imlay. 2,187,855; Jan. 23.
Endgate latch. E. Fitch. 2,210,286; Aug. 6.
Endpiece for stringers of separable fasteners. A. Süsskind. 2,217,571; Oct. 8.
End stop for thermoplastic fasteners. D. Marinsky. 2,220,136; Nov. 5.
Endless chain conveyer. A. Garbacz. 2,226,853; Dec. 31.
Endorsing machine, Electrical. W. F. Muller. 2,185,797; Jan. 2.
Endurance testing machine for springs. F. Wunderlich. 2,222,892; Nov. 26.
Energizer for gas engines. A. L. Parker. 2,185,564; Jan. 2.
Energy absorbing device. T. M. Gluyas, Jr. 2,213,103; Aug. 27.
Energy absorbing device. R. C. Pierce. 2,190,996; Feb. 20.
Energy and apparatus for carrying out the process, Conversion of. B. Karlovitz and D. Halasz. 2,210,918; Aug. 13.
Energy consumer, Driving. R. Erban. 2,196,064; Apr. 2.
Energy producing process. R. Doczekal. 2,215,497; Sept. 24.

Engine: *See*—
Aircraft engine.
Birotary engine.
Carding engine.
Combustion engine.
Cuff valve engine.
Cycle engine.
Diesel engine.
Double acting Diesel engine.
Double-acting engine.
Equilibrated oscilating engine.
Expansion engine
Explosion engine.
Fibrous material refining engine.
Fire engine.
Fluid pressure operated engine.
Fuel-injection engine.
Gas engine.
Heat engine.
Injection engine.
Internal combustion engine.
Internal combustion engine, Fuel injection and spraying.
Internal expansion engine.
Multiple expansion engine.
Nondetonating engine.
Oil engine.
Opposed twin cylinder engine.
Radial cylinder engine.
Rotary engine.
Rotary steam engine.
Sleeve valve engine.
Steam and air engine.
Steam engine.
Steam locomotive engine.
Two-cycle combustion engine.
Two-cycle Diesel engine.
Two cycle engine.
Two-stroke internal combustion engine.

Engine. C. F. Bachle. 2,191,639; Feb. 27.
Engine. D. J. Campbell. 2,196,980; Apr. 16.
Engine. D. J. Campbell. 2,202,480; May 28.
Engine. W. C. Conover. 2,227,247; Dec. 31.
Engine. H. E. Hogan. 2,225,113; Dec. 17.
Engine. A. J. Meyer. 2,203,692; June 11.
Engine. A. J. Meyer and E. A. Hulbert. 2,216,128; Oct. 1.
Engine. A. G. M. Michell. 2,215,855; Sept. 24.
Engine. H. P. Miller. 2,224,229; Dec. 10.
Engine. A. M. Ney. 2,201,785; May 21.
Engine. W. T. Smith. 2,197,901; Apr. 23.
Engine. W. L. Weeks. 2,212,283; Aug. 20.
Engine and cooling system, Combined internal combustion. U. Sauer. 2,188,444; Jan. 30.
Engine and cylinder head for same, Cooling internal combustion. E. G. Fahlman. 2,188,876; Jan. 30.
Engine and operating the same, Two-stroke internal combustion. F. Zahren. 2,195,044; Mar. 26.
Engine and propeller. E. Gadoux and L. Crousse. 2,201,893; May 21.
Engine and the operation thereof, Combustion. M. Martinka. 2,186,706; Jan. 9.
Engine bed underframe. E. J. W. Ragsdale and A. G. Dean. 2,185,988; Jan. 2.
Engine charge-forming device, Internal combustion. F. D. Butler. 2,203,669; June 11.
Engine combustion chamber, Diesel. E. E. Huesby. 2,206,322; July 2.
Engine connecting rod system, Radial. G. L. Williams. 2,195,550; Apr. 2.
Engine construction, Internal combustion. W. Tobler. 2,187,287; Jan. 16.
Engine control. K. W. S. Ostling. 2,186,989; Jan. 16.
Engine control, Airplane. M. E. Chandler. 2,189,705; Feb. 6.
Engine control, Aircraft. F. Gosslau and J. Schmidt. 2,187,120; Jan. 16.
Engine control device, Vehicle speed. N. M. McCullough. 2,201,629; May 21.
Engine control, Internal combustion. D. Gregg and R. Daalder. 2,205,354; June 18.
Engine control means. R. I. Dick. 2,196,696; Apr. 9.
Engine control mechanism. R. M. Heintz. 2,204,492; June 11.
Engine control mechanism. H. H. Trimmer. 2,189,499; Feb. 6.
Engine cooling device. G. D. Stewart. 2,205,605; June 25.
Engine, Cooling of internal combustion. C. O. Towler. 2,225,807; Dec. 24.
Engine cooling system. De V. V. Carter. 2,200,214; May 7.
Engine cowling and cooling. D. R. Berlin. 2,221,905; Nov. 19.
Engine cylinder mounting. H. Hirth. 2,185,848; Jan. 2.
Engine cylinder valve. A. V. D. Willgoos. 2,191,333; Feb. 20.
Engine feeding device, Auxiliary. C. E. Ennis. 2,221,472; Nov. 12.
Engine governing mechanism, Centrifugal. A. Andrews. 2,225,383; Dec. 17.
Engine-governor control. F. S. Baster. 2,227,174; Dec. 31.
Engine hand latch. G. H. Sepull. 2,200,346; May 14.
Engine heater, Internal combustion. F. O. Hess. 2,196,828; Apr. 9.
Engine intake attachment. L. Meckl. 2,191,940; Feb. 27.
Engine light, Automobile. J. W. Hobbs. 2,206,094; July 2.
Engine lock valve. G. Medson. 2,218,682; Oct. 22.
Engine lubricating device. E. J. Gulick. 2,192,438; Mar. 5.
Engine method and apparatus, Internal combustion. F. D. Butler. 2,204,570; June 18.
Engine mount locking means. J. M. Tyler. 2,225,892; Dec. 24.
Engine mount, Resilient. J. S. Hasbrouck. 2,193,332; Mar. 12.
Engine mounting. P. C. A. M. d'Aubarede. 2,220,514; Nov. 5.
Engine mounting. O. F. Quartullo. 2,227,379; Dec. 31.
Engine mounting. R. S. Trott. 2,209,862; July 30.
Engine mounting for automobiles. H. L. Pepper. 2,209,001; July 23.
Engine of the fuel-injection compression-ignition type, Internal-combustion. C. W. Chapman. 2,204,068; June 11.
Engine of the liquid fuel injection compression ignition type, Internal combustion. H. R. Ricardo. 2,191,042; Feb. 20.
Engine preheater. E. E. Thompson. 2,210,049; Aug. 6.
Engine receiving fuel by injection, Internal combustion. A. Bokemüller. 2,201,221; May 21.
Engine safety attachment, Gas. E. L. Flanders. 2,211,971; Aug. 20.
Engine starter control. M. H. Elkin. 2,213,160; Aug. 27.
Engine starter control, Two-stage. J. E. Buxton. 2,213,158; Aug. 27.
Engine starting apparatus. T. D. Joeck. 2,225,636; Dec. 24.
Engine starting device, Automobile. C. W. Spencer. 2,227,284; Dec. 31.
Engine starting mechanism. H. Baer. 2,205,333; June 18.
Engine starting mechanism. H. Baer and M. J. Finnegan. 2,186,229; Jan. 9.
Engine starting mechanism. D. M. Berges. 2,207,652; July 9.
Engine starting mechanism. R. P. Lansing. 2,187,545; Jan. 16.
Engine starting mechanism. R. P. Lansing. 2,205,041; June 18.
Engine starting mechanism. C. I. MacNeil. 2,207,927; July 16.
Engine starting mechanism. R. M. Nardone. 2,225,790; Dec. 24.
Engine starting mechanism. R. M. Nardone. 2,204,437; June 11.
Engine starting mechanism. F. A. Stein. 2,193,012; Mar. 12.
Engine support. L. G. Cressman. 2,215,117; Sept. 17.
Engine treatment, Internal combustion. P. A. Schnebelen. 2,190,459; Feb. 13.
Engine unit (copper oxide type), Electric thermogauge. D. W. Randolph and R. H. Bigler. 2,197,115; Apr. 16.
Engine valve, Internal combustion. W. J. Huber. 2,192,913; Mar. 12.
Engine with readjustable control body, Antechamber, Diesel. K. Schwaiger. 2,198,979; Apr. 30.
Engine with rotary valve, Combustion. H. and M. Manrodt. 2,224,688; Dec. 10.
Engine with separate combustion chambers, Internal combustion. G. S. Krammer. 2,197,106; Apr. 16.

Engines, Air-start means for internal combustion. H. F. Budzien. 2,189,163; Feb. 6.
Engines, Attachment for internal combustion. G. H. Meiser. 2,191,968–70; Feb. 27.
Engines, Automatic compression control for. R. D. Watson. 2,209,496; July 30.
Engines, Automatic control of internal combustion. J. Oberhollenzer. 2,220,686; Nov. 5.
Engines, Control of Diesel and other internal combustion. H. E. Hill and L. Burbridge. 2,223,419; Dec. 3.
Engines for motor vehicles using a fuel injection pump, Facilitating the starting of internal combustion. R. F. Colell. 2,209,321; July 30.
Engines, Lubricating internal combustion. D. K. Badertscher. 2,200,051; May 7.
Engines, Lubrication of internal-combustion. A. H. R. Fedden and H. C. Mansell. 2,201,525; May 21.
Engines, Lubrication of slide-valve internal combustion. R. L. Skinner. 2,187,285; Jan. 16.
Engines, Method and apparatus for operating internal combustion. W. E. Leibing. 2,213,917; Sept. 3.
Engines, Method of and device for starting internal combustion. H. C. Hughes. 2,214,276; Sept. 10.
Engines of multi-engine aircraft, Control of the. W. van Nes. 2,223,708; Dec. 3.
Engines of rear engined automobiles, Air cooling the. M. Klavík. 2,216,669; Oct. 1.
Engines, Pneumatic distribution for two-stroke internal combustion. V. Breslav. 2,187,341; Jan. 16.
Engines, Precombustion chamber for Diesel. F. Koch. 2,185,918; Jan. 2.
Engines, Scavenging of high speed two-stroke internal combustion. W. Boxan. 2,190,011; Feb. 13.
Engines, Starting free piston. H. Jänicke. 2,222,260; Nov. 19.
Engines, Thermal control of internal combustion. W. W. Schettler. 2,225,234; Dec. 17.
Engraving and similar machine. F. H. M. New. 2,207,440; July 9.
Engraving machine. F. Ackerman and H. Gould. 2,197,884; Apr. 23.
Engraving or like machine, Pantograph. G. Kapp and N. Schimmel. 2,199,261; Apr. 30.
Enlarging and copying device. H. Sauer. 2,186,619; Jan. 9.
Enlarging and copying device. H. Sauer. 2,219,116; Oct. 22.
Enlarging apparatus for making enlargements from photographic negatives. E. B. Dewey. 2,194,384; Mar. 19.

Ensilage cutter. J. B. Alfs. 2,188,522; Jan. 30.
Ensilage, Process and product for treating. F. P. Kerschbaum and E. C. Dybdal. 2,213,127; Aug. 27.
Envelope. E. B. Berkowitz. 2,207,142; July 9.
Envelope. H. Dahlhaus. 2,185,401; Jan. 2.
Envelope. J. A. Holden. 2,201,538; May 21.
Envelope. C. G. Miehlke. 2,224,604; Dec. 10.
Envelope. P. I. Prentice. 2,200,099; May 7.
Envelope. W. P. Shomaker. 2,189,273; Feb. 6.
Envelope and bag fastener. I. W. Mabry. 2,194,400; Mar. 19.
Envelope and container sealing. F. K. Bezzenberger. 2,207,428; July 9.
Envelope and the packing of same, Dry-sealing. V. E. Heywood. 2,190,024; Feb. 13.
Envelope attachment. A. M. Broudy. 2,214,011; Sept. 10.
Envelope construction. A. Novick. 2,206,044; July 2.
Envelope current system. G. L. Dimmick. 2,222,172; Nov. 19.
Envelope, Dispensing. H. H. Reineman. 2,219,198; Oct. 22.
Envelope, Dry-Sealing. V. E. Heywood. 2,196,461; Apr. 9.
Envelope, Dry-sealing. V. E. Heywood. 2,205,529; June 25.
Envelope, Expansion. J. G. Swab. 2,188,730; Jan. 30.
Envelope fastener, Adjustable. W. D. Fritz. 2,192,374; Mar. 5.
Envelope fastener machine. A. Novick. 2,197,826; Apr. 23.
Envelope fastener machine. A. Novick. 2,197,828; Apr. 23.
Envelope feeding mechanism. P. H. Wuille. 2,214,265; Sept. 10.
Envelope machine. G. W. Anderson. 2,213,729; Sept. 3.
Envelope, Mailing. C. Cronauer. 2,212,587; Aug. 27.
Envelope, Making a cathode-ray tube. R. M. Bowie. 2,194,418; Mar. 19.
Envelope making machine. A. Novick. 2,206,043; July 2.
Envelope making machine. A. Novick. 2,209,347; July 30.
Envelope opening machine. L. W. Lawrence. 2,220,251; Nov. 5.
Envelope or container, Dry-sealing. V. E. Heywood. 2,190,023; Feb. 13.
Envelope or file, Gusset type. J. H. McLaren. 2,219,526; Oct. 29.
Envelope package, Display. L. L. Salfisberg. 2,210,385; Aug. 6.
Envelopes, Packaging of dry-sealing. V. E. Heywood. 2,217,949; Oct. 15.
Envelope, Quick opening. G. A. H. Nuyts. 2,204,690; June 18.
Envelope, Ready openable. W. Stuhlman. 2,222,341; Nov. 19.
Envelope sealing machine. L. A. Rand. 2,226,411; Dec. 24.
Envelope, Safety. J. Kubinyi. 2,214,169; Sept. 10.
Envelope, Shirt. E. Bacon. 2,197,173; Apr. 16.
Envelope strip, Manifold. C. W. Potter. 2,192,559; Mar. 5.
Envelopes, Manufacture of window. F. L. Smithe and A. Novick. 2,191,505; Feb. 27.
Envelopes, Manufacture of window. F. L. Smithe and A. Novick. 2,209,358; July 30.
Envelopes, paper money, bags or the like, Method and apparatus for producing. F. Kroch, W. Sandner, and A. Teicher. 2,210,298; Aug. 6.
Envelopes, Printing. P. H. Durup and J. J. Ormond. 2,208,046; July 16.
Envelopes without side flaps, Making. G. Holmlund. 2,224,513; Dec. 10.
Epicyclic transmission gear. H. Kohn. 2,225,480; Dec. 17.
Episcope. C. Conrad. 2,189,577; Feb. 6.
Epoxy compounds, Polymerization of. A. M. Alvarado and H. S. Holt. 2,187,006; Jan. 16.
Equalizer. C. J. Le Bel. 2,218,400; Oct. 15.
Equalizer attachment for grain combines, Automatic side hill. F. J. Clipston. 2,189,706; Feb. 6.
Equalizer, Automatic. W. Reckhow. 2,218,359; Oct. 15.
Equalizing mechanism. J. G. Hawley. 2,213,213; Sept. 3.
Equilibrated oscillating engine. M. H. P. Sologaistoa. 2,194,035; Mar. 19.
Equipment for heat treating. W. A. Darrah. 2,223,603; Dec. 3.
Equipment for plasticizing. D. Brown. 2,213,381; Sept. 3.
Equipment for use with casket-lowering. J. H. Lampe. 2,218,286; Oct. 15.
Eraser. R. G. Roesch. 2,210,432; Aug. 6.
Eraser. E. Rüdiger. 2,223,921; Dec. 3.
Eraser, Adjustable, F. M. Hale. 2,192,470; Mar. 5.
Eraser attachment for typewriters. G. H. Hutaff, Jr. 2,189,649; Feb. 6.
Eraser cleaner. G. C. Simmerman. 2,211,080; Aug. 13.
Eraser feeding device. G. Findra. 2,204,038; June 11.
Eraser feeding mechanism. A. Gaimari. 2,198,335; Apr. 23.
Eraser for mechanical pencils. A. S. Dysart. 2,206,457; July 2.
Eraser holder. J. W. Saffold. 2,187,894; Jan. 23.
Eraser, Refillable typewriter. A. D. Lee. 2,207,296; July 9.
Erasing and numbering machine. E. W. Billings, Jr. 2,207,966; July 16.
Erasing device. N. H. Durst. 2,185,432; Jan. 2.
Erection gauge. A. F. Blessing. 2,205,339; June 18.
Ergot preparation and making same. M. R. Thompson. 2,192,460; Mar. 5.
Escalator cover. W. L. Kavanagh and M. L. Cornell. 2,188,509; Jan. 30.
Escape device. B. D. McAlvay. 2,225,177; Dec. 17.
Escapement. H. C. Hall. 2,227,133; Dec. 31.
Escapement mechanism. C. A. Solinski. 2,222,217; Nov. 19.
Escapement operating mechanism for typographical composing machines. B. J. Fisher. 2,215,033; Sept. 17.
Escapementlike clutch. L. E. Wiggs. 2,203,805; June 11.
Ester-amide interpolymers. M. M. Brubaker, R. E. Christ, and D. D. Coffman. 2,224,037; Dec. 3.
Ester bases and salts thereof, Complex phenolic. H. A. Bruson. 2,218,739; Oct. 22.
Ester composition containing acyl amides, Cellulose organic acid. J. J. Gordon. 2,211,327; Aug. 13.
Ester condensation. V. L. Hansley. 2,211,419; Aug. 13.
Ester of a polyglycol, Mixed acetate butyrate. W. E. Gloor. 2,198,665; Apr. 30.
Ester of cellulose of high acyl value, Stabilizing organic. G. W. Seymour and B. B. White. 2,203,749; June 11.
Ester of polyhydric alcohol, Grotonic acid. H. A. Bruson. 2,198,373; Apr. 23.
Ester products and producing, Maleic anhydride-rosin. I. W. Humphrey and J. N. Borglin. 2,197,046; Apr. 16.
Ester salts, Preparing sulpho-carboxylic. F. J. Cahn and M. B. Katzman. 2,185,455; Jan. 2.
Ester, Thiocyano. W. F. Hester. 2,220,521; Nov. 5.
Esterification, Continuous. T. J. McKeon. 2,208,770; July 23.
Esterification, Continuous. T. J. McKeon, C. Pyle, 3rd, and R. T. Van Ness. 2,208,769; July 23.
Esterifying phenolic hydroxyls. O. A. Cherry. 2,212,509; Aug. 27.
Esters and ethers, Producing. K. Vierling. 2,198,046; Apr. 23.
Esters and preparing same, Cyclic. L. Ruzicka. 2,209,004; July 23.
Esters and their preparation. V. V. Alderman, M. M. Brubaker, and W. E. Hanford. 2,212,141; Aug. 20.
Esters and their production, Organic. W. E. Gloor. 2,185,297; Jan. 2.
Esters containing a substantial amount of propionyl or butyryl, Preparation of mixed cellulose. L. W. Blanchard, Jr. 2,208,569; July 23.

Esters, Glycol. C. Ellis. 2,221,674; Nov. 12.
Esters, Glycolic acid. F. T. Flaherty. 2,211,693; Aug. 13.
Esters, Higher molecular weight isocyanic acid. E. Schirm. 2,225,661; Dec. 24.
Esters in granular form, Preparing polymeric-vinyl. J. W. C. Crawford and J. McGrath. 2,194,354; Mar. 19.
Esters, Manufacturing. K. T. Steik. 2,225,944; Dec. 24.
Esters, Manufacture of. H. Dreyfus. 2,217,735; Oct. 15.
Esters, Manufacture of. H. P. Staudinger. 2,210,469; Aug. 6.
Esters, Manufacture of fatty. R. Kapp. 2,207,257; July 9.
Esters, Manufacturing. N. Moskovits. 2,198,946; Apr. 30.
Esters, Manufacturing fatty. A. Edeler and A. S. Richardson. 2,206,167–8; July 2.
Esters of acrylic acid, Polymerizing lower alkyl. J. W. C. Crawford and J. McGrath. 2,191,520; Feb. 27.
Esters of agar, Preparation of. C. J. Malm and J. Emerson. 2,211,338; Aug. 13.
Esters of aliphatic acids, Making isopropyl. G. H. Coleman. 2,224,809; Dec. 10.
Esters of amino alcohols and producing them. P. Viaud. 2,219,796; Oct. 29.
Esters of amino alcohols with 9-hydroxy fluorene-9-carboxylic acid and their production. O. Wolfes and O. Hromatka. 2,221,828; Nov. 19.
Esters of aminopyridine carboxylic acid and producing the same. R. R. Renshaw and P. F. Dreisbach. 2,194,567; Mar. 26.
Esters of double unsaturated alcohols, Production of. F. Kaufler. 2,215,180; Sept. 17.
Esters of flacourtiacea alcohols. O. and G. Stefanović. 2,195,345; Mar. 26.
Esters of fumaric acid, Unsaturated. H. R. Slagh. 2,220,855; Nov. 5.
Esters of glycol ethers and preparing them. G. F. Zellhoefer and C. S. Marvel. 2,226,599; Dec. 31.
Esters of hexahydrophthalic acid. C. F. Winans. 2,189,722; Feb. 6.
Esters of hydrohalides of methylhydrasteine and producing the same, Alkyl. C. R. Addinall and R. T. Major. 2,189,809; Feb. 13.
Esters of monoalkyl ethers of polyalkylene glycols, Carbamic acid. F. M. Meigs. 2,197,479; Apr. 16.
Esters of octyl alcohol with lower molecular weight sulpho carboxylic acids. B. R. Harris. 2,190,921; Feb. 20.
Esters of perylene-carboxylic acids and producing them. K. Koeberle and O. Schlichting. 2,223,453; Dec. 3.
Esters of phenols containing a basic substituent, Manufacture of disubstituted carbamic acid. J. A. Aeschlimann. 2,208,485; July 16.
Esters of phenyl-thioarsonites, Oil soluble. A. J. Ewins and G. Newbery. 2,209,876; July 30.
Esters of phosphorous acids. L. P. Kyrides. 2,193,252; Mar. 12.
Esters of polycyclic alcohols and producing the same. W. Schoeller. 2,192,935; Mar. 12.
Esters of polyhydroxy alcohols, Preparation of fatty acid. C. M. Gooding and H. W. Vahlteich. 2,197,339–40; Apr. 16.
Esters of 6-amino-nicotinic acid. R. R. Renshaw and P. F. Dreisbach. 2,199,839; May 7.
Esters of sulphydryl compounds, Preparation of aminated. R. A. Mathes. 2,221,147; Nov. 12.
Esters of 2-chloroallyl alcohol, Halo-aliphatic. F. L. Taylor. 2,221,275; Nov. 12.
Esters of 2-keto-aldonic acid by oxidation of aldonic acids, their lactones and esters, Preparation of. R. Pasternack and P. P. Regna. 2,207,991; July 16.
Esters of unsaturated polycarboxylic acids with ethynyl carbonyls having at least one hydrogen atom attached to the alkynyl carbon atom. H. S. Rothrock. 2,221,662; Nov. 12.
Esters of unsaturated polyhydroxy estrane. K. Miescher and C. Scholz. 2,205,627; June 25.
Esters, Polymeric. H. S. Rothrock. 2,218,439; Oct. 15.
Esters, Producing. H. B. Gans, Jr., and A. B. Holton. 2,197,798; Apr. 23.
Esters, Purification of. J. G. Baxter and R. L. Edwards. 2,197,546; Apr. 16.
Esters, Separation of pregnenolone. B. Whitman and E. Schwenk. 2,221,826; Nov. 19.
Esters, Unsaturated. H. R. Slagh. 2,220,854; Nov. 5.
Esters, Vinyl. W. J. Toussaint. 2,186,437; Jan. 9.
Estrogenic substances, Obtainment of. C. W. Eberlein. 2,196,295; Apr. 9.
Etching machine, Electrolytic. F. J. Brislee and R. Blackburn. 2,224,667; Dec. 10.
Etching, Method of. A. G. Meyer. 2,206,290; July 2.
Etching or deposition frame, Electric. W. Beebe. 2,190,440; Feb. 13.
Etching press. C. E. Loose and S. D. Swann. 2,196,813; Apr. 9.
Ethanolamine hydrochloride softener for regenerated cellulose. F. T. Peters. 2,215,974; Sept. 24.
Ether and ester derivatives of polysaccharides synthesized through bacterial action, Making. G. L. Stahly and W. W. Carlson. 2,203,702; June 11.
Ether and method of making, Diazoamino. J. G. Kern. 2,190,841; Feb. 20.
Ether, (Aryloxy-alkyl) (Thiocyano-alkyl). G. H. Coleman and R. W. Sapp. 2,218,019; Oct. 15.
Ether composition, Cellulose. S. L. Bass, T. A. Kauppi, and C. L. Moyle. 2,224,847; Dec. 17.
Ether esters of nuclear substituted salicylic acids. E. F. Grether and R. B. Du Vall. 2,198,583; Apr. 23.
Ether esters of para hydroxy benzoic acid. E. F. Grether and R. B. Du Vall. 2,198,582; Apr. 23.
Ether, Glycol. G. H. Coleman, L. E. Mills and G. V. Moore. 2,196,576; Apr. 9.
Ether halides, Preparing alkylated aromatic. H. A. Bruson and J. W. Eastes. 2,209,911; July 30.
Ether of dextran, Souble benzyl. G. L. Stahly and W. W. Carlson. 2,203,705; June 11.
Ether products and producing same, Unsaturated. W. H. Carothers and H. B. Dykstra. 2,189,529; Feb. 6.
Ether, Stabilized divinyl. R. T. Major and W. L. Ruigh. 2,189,810; Feb. 13.
Ethers, Alcoholysis of β-alkoxy methyl. D. J. Loder, W. F. Gresham, and D. B. Killian. 2,211,626; Aug. 13.
Ethers, Alicyclic hydroxy. H. S. Holt. 2,197,105; Apr. 16.
Ethers, (Alkyl-halo-phenoxy-alkyl) (thiocyano-alkyl). G. H. Coleman and R. W. Sapp. 2,201,158; May 21.
Ethers and making same, Unsaturated. E. C. Britton and H. R. Slagh. 2,201,074; May 14.
Ethers, Butanol-1-one-3, Production of. P. Halbig and A. Treibs. 2,217,167; Oct. 8.
Ethers, Cyclohexylated diaryl. F. B. Smith. 2,195,383; Mar. 26.
Ethers from reactive acid liquor. F. M. Archibald and H. G. Schneider. 2,216,931; Oct. 8.
Ethers, Halo-aryl. G. H. Coleman and G. B. Stratton. 2,186,367; Jan. 9.
Ethers, Making halohydrin. C. G. Harford. 2,207,983; July 16.
Ethers of alkyl-halophenols, Thiocyano-alkyl. G. H. Coleman and C. L. Moyle. 2,185,184; Jan. 2.
Ethers of alkyl-phenols. H. R. Slagh and F. N. Alquist. 2,221,818; Nov. 19.
Ethers of alkylphenols, Thiocyano-alkyl. G. H. Coleman and C. L. Moyle. 2,185,183; Jan. 2.
Ethers of alpha cellulose, Water soluble. D. H. Powers, L. H. Bock, and A. L. Houk. 2,216,045; Sept. 24.
Ethers of cellulose, Alkyl. F. C. Hahn. 2,217,904; Oct. 15.
Ethers of cellulose, Insoluble aliphatic. E. C. Britton and K. G. Harding. 2,216,095; Sept. 24.
Ethers of chlorophenols. F. N. Alquist and H. R. Slagh. 2,221,771; Nov. 19.
Exercising device. J. Swanson. 2,223,309; Nov. 26.
Ethers of dextran. G. L. Stahly and W. W. Carlson. 2,203,703; June 11.
Ethers of dioxan, Unsaturated. E. C. Britton and H. R. Slagh. 2,195,386; Mar. 26.
Ethers of durohydroquinone and preparing them. F. Von Werder. 2,212,531; Aug. 27.
Ethers of halo-phenols, Thiocyano-alkyl. G. H. Coleman. 2,185,185; Jan. 2.
Ethers of high molecular carbohydrates, Aralkyl. K. Meinel. 2,205,487; June 25.
Ethers of hydroxy aldehydes, Hydrogenation of. D. J. Loder. 2,217,651; Oct. 8.
Ethers of isocyclic hydroxyl compounds, Glycol and polyglycol. A. Steindorff, G. Balle, K. Horst, and R. Michel. 2,213,477; Sept. 3.
Ethers of pentahydric alcohols. E. V. White. 2,218,568; Oct. 22.
Ethers of substituted acyl-phenols. G. H. Coleman and J. W. Zemba. 2,207,612; July 9.
Ethers of the cyclohexyl phenols, Thiocyano-alkyl. J. E. Livak. 2,185,207; Jan. 2.
Ethers of the phenylphenols, Thiocyano-alkyl. J. E. Livak, G. H. Coleman, and C. L. Moyle. 2,185,208; Jan. 2.
Ethers of trimethylhydroquinone and preparing them. F. Von Werder. 2,212,532; Aug. 27.
Ethers, (Poly-alkyl-phenoxy-alkyl) (Thiocyano-alkyl). G. H. Coleman and R. W. Sapp. 2,218,020; Oct. 15.
Ethers, (Polyhalophenoxy-alkyl) (thiocyano-alkyl). G. H. Coleman and C. L. Moyle. 2,201,156; May 21.
Ethers of polyhydric alcohol, Secondary. T. W. Evans and E. F. Bullard. 2,197,467; Apr. 16.
Ethers, Preparation of polyalkylene ether thioammeline. H. A. Bruson. 2,202,828; June 4.
Ethers, Production of. H. G. Schneider. 2,197,023; Apr. 16.
Ethers, Purification of cellulose. H. M. Spurlin. 2,207,076; July 9.
Ethers, Purification of cellulose. H. M. Spurlin. 2,214,070; Sept. 10.
Ethyl cellulose molding composition. W. W. Pedersen. 2,215,249; Sept. 17.
Ethylene dicinnamate. E. C. Britton and C. L. Moyle. 2,190,917; Feb. 20.
Ethylene, etc., Production of. F. R. Balcar. 2,218,495; Oct. 15.
Ethylene glycol from aqueous solutions, Recovery of. W. E. Fisher. 2,218,234; Oct. 15.
Ethylene, Improved process for polymerizing. L. M. Ellis. 2,212,155; Aug. 20.
Ethylene, Interpolymerization of. M. W. Perrin, E. W. Fawcett, J. G. Paton and E. G. Williams. 2,200,429; May 14.
Ethylene, Manufacture of. J. M. Duncan. 2,208,123; July 16.

Ethylene, Manufacture of. F. Porter and J. M. Duncan. 2,185,566; Jan. 2.
Evacuator. J. C. Hughes. 2,212,863; Aug. 27.
Evacuator. J. C. Hughes. 2,214,374; Sept. 10.
Evaporation plant. A. L. Keltner. 2,223,488; Dec. 3.
Evaporative cooling system. F. H. Wagner, Jr. 2,213,421; Sept. 3.
Evaporator. S. Long. 2,192,089; Feb. 27.
Evaporator. R. H. Money. 2,217,257; Oct. 8.
Evaporator and the like, Multiple effect. W. T. Hinckley. 2,187,030; Jan. 16.
Evaporator and the like, Multiple effect. W. T. Hinckley. 2,193,483; Mar. 12.
Evaporator control means. R. H. Money. 2,220,801; May 14.
Evaporator, Crystallizing. B. S. Hughes. 2,207,347; July 9.
Evaporator for household refrigerators. S. F. Briggs. 2,192,431; Mar. 5.
Evaporator for periodical absorption refrigerating plants. S. J. Steensen. 2,227,165; Dec. 31.
Evaporator for production of high-grade distillate. S. von Le Juge. 2,199,320; Apr. 30.
Evaporator for refrigeration systems. J. Heinrich. 2,188,475; Jan. 30.
Evaporator, Refrigerator. W. W. Higham. 2,190,288; Feb. 13.
Evaporator, Sprayed. M. E. Hanson. 2,189,731; Feb. 6.
Excavator. J. P. Waite. 2,196,649; Apr. 9.
Excavator. R. S. Weimer. 2,200,315; May 14.
Excavator. D. H. Young. 2,211,997; Aug. 20.
Excavator and pipe layer. L. A. Woods. 2,211,223; Aug. 13.
Excavator, Boom type. C. L. George. 2,233,608; Dec. 3.
Excavator, Dragline. O. J. Martinson. 2,214,026; Sept. 10.
Excavator, Snow. N. L. James. 2,200,623; May 14.
Excess flow and shut-off valve. W. C. Buttner. 2,217,330; Oct. 8.
Excitation control apparatus. R. D. Evans. 2,208,414; July 16.
Excitation control system for synchronous machines. E. F. W. Alexanderson. 2,215,312; Sept. 17.
Exerciser. J. J. Chalette. 2,202,187; May 28.
Exerciser. R. B. Mobeck. 2,198,058; Apr. 23.
Exercising and stretching device. J. J. Lee. 2,189,145; Feb. 6.
Exercising apparatus. E. J. Boger. 2,219,219; Oct. 22.
Exercising apparatus. R. E. Nilson. 2,224,103; Dec. 3.
Exercise appliance. F. W. Parker. 2,224,445; Dec. 10.
Exercising device. M. Broberg. 2,219,086; Oct. 22.
Exercising device. M. E. Painter. 2,191,698; Feb. 27.
Exercising device for infants. E. G. Henry. 2,186,543; Jan. 9.
Exercising machine. G. Bergfors. 2,221,962; Nov. 19.
Exercising machine. P. L. Dixon. 2,219,624; Oct. 29.
Exercising stand. F. A. Voiles. 2,226,881; Dec. 31.
Exhaust apparatus. W. L. H. Doyle. 2,194,928; Mar. 26.
Exhaust device for explosion or internal combustion engines. M. Kadenacy. 2,206,193; July 2.
Exhaust gas burner. W. C. Uhri, Jr., and W. P. Gruner. 2,203,554; June 4.
Exhaust manifold system. R. I. Markey. 2,226,936; Dec. 31.
Exhaust passage of two-stroke internal combustion engines. M. Kadenacy. 2,198,730; Apr. 30.
Exhaust pipe. A. D. Blanchard. 2,204,294; June 11.
Exhaust pipe, Welded. O. H. Brauer. 2,196,694; Apr. 9.
Exhaust silencing and spark arresting device. R. L. Hoyle. 2,196,920; Apr. 9.
Exhausting and sealing method and apparatus. W. J. Geiger and W. Davidson. 2,219,891; Oct. 29.
Exhibition apparatus. E. W. W. Hoyt. 2,215,396; Sept. 17.
Exit device with outside control, Fire. H. F. Yoe. 2,202,075; May 28.
Expander for storage batteries. H. B. Birt and W. C. Pritchard. 2,217,786; Oct. 15.
Expander, Piston skirt. C. A. Marien. 2,198,829; Apr. 30.
Expander tool. A. J. Scholtes. 2,190,386; Feb. 13.
Expanding cutter. I. C. Seal. 2,214,484; Sept. 10.
Expanding vein tube. M. Vandergrift. 2,201,749; May 21.
Expansible chamber motor. P. D. Cornelius. 2,195,208; Mar. 26.
Expansible chamber motor. W. H. Wineman. 2,195,207; Mar. 26.
Expansible cover. R. C. Pierce. 2,211,478; Aug. 13.
Expansible cutter. E. M. Staples. 2,190,492; Feb. 13.
Expansible means. N. R. Anderson. 2,198,192; Apr. 23.
Expansion and construction joint. A. E. Brickman and G. A. Gleason. 2,212,492; Aug. 27.
Expansion and tensioning device for aluminum alloy pistons. G. J. Moeller. 2,192,323; Mar. 5.
Expansion bit. A. P. Albrecht. 2,215,344; Sept. 17.
Expansion brake, Self-energizing hydraulic internal. E. G. Heinzelman. 2,213,003; Aug. 27.
Expansion clamp, Parking meter. C. A. Toce, R. F. Broussard, and W. N. Woodruff. 2,190,555; Feb. 13.
Expansion control, Refrigerant. C. A. Otto. 2,196,777; Apr. 9.
Expansion coupling. C. Mueller. 2,192,048; Feb. 27.
Expansion device. A. Langecker. 2,208,869; July 23.
Expansion drill. C. R. Gunderson. 2,193,721; Mar. 12.
Expansion engine. J. M. Clark. 2,194,970; Mar. 26.
Expansion joint. M. E. Capouch. 2,197,786; Apr. 23.
Expansion joint. A. C. Fischer. 2,224,148; Dec. 10.
Expansion joint. S. G. Gisslander and R. R. Sterrett. 2,220,444; Nov. 5.
Expansion joint. R. L. Hasche. 2,196,766; Apr. 9.
Expansion joint and union, Combined. C. M. O'Leary. 2,212,747; Aug. 27.
Expansion tire wheel. J. H. Gray. 2,227,220; Dec. 31.
Expansion valve. G. Calini. 2,224,643; Dec. 10.
Expansion valve. J. E. Dube. 2,205,166; June 18.
Expansion valve, Thermostatically controlled. A. F. Hoesel. 2,201,728; May 21.
Expansion well pump. J. H. Kidder. 2,196,993; Apr. 16.
Exploration of the subsurface, Method and apparatus for electrical. J. J. Jakosky. 2,192.404; Mar. 5.
Explosive composition for detonating rivets. P. Naoûm. 2,223,964; Dec. 3.
Explosion engine. A. Tebaldi. 2,219,241; Oct. 22.
Explosion-resisting motor. R. A. Baudry. 2,196,408; Apr. 9.
Explosive. E. E. Berkley and G. E. Frost. 2,211,737; Aug. 13.
Explosive. W. Brün. 2,205,116; June 18.
Explosive. G. C. Hale. 2,202,851; June 4.
Explosive. F. Olsen, G. C. Tibbitts, and E. B. W. Kerone. 2,213,255; Sept. 3.
Explosive. W. B. Woodring. 2,206,652; July 2.
Explosive. J. A. Wyler. 2,195,551; Apr. 2.
Explosive, Ammonium nitrate. C. O. Davis. 2,185,248; Jan. 2.
Explosive, Blasting. R. W. Cairns. 2,211,738; Aug. 13.
Explosive composition. A. H. Garcia. 2,215,608; Sept. 24.
Explosive composition, Ammonium nitrate. M. A. Cook, C. O. Davis, and W. E. Lawson. 2,220,891; Nov. 12.
Explosive compositions, Gelatinized high. H. H. Fassnacht. 2,194,544; Mar. 26.
Explosive compositions or blasting charges, Manufacture of. J. Taylor and V. H. Williams. 2,218,563; Oct. 22.
Explosive compounds, Crystallizing organic. M. F. Acken. 2,204,059; June 11.
Explosive, Granular ammonium nitrate. M. A. Cook, D. B. Gawthrop, M. H. Wahl, and C. A. Woodbury. 2,199,217–8; Apr. 30.
Explosive into a container, Loading an. H. Shaler. 2,195,429; Apr. 2.
Explosive, Perchlorate. C. O. Davis. 2,190,703; Feb. 20.
Explosives, Preparing ammonium nitrate. M. A. Cook, C. O. Davis, and W. E. Lawson. 2,220,892; Nov. 12.
Exposure control. J. Eggert and H. F. Nissen. 2,209,196; July 23.
Exposure control, Automatic. J. M. Bing. 2,201,606; May 21.
Exposure meter. F. Loewenberg. 2,190,159; Feb. 13.
Exposure meter. D. W. Norwood. 2,214,283; Sept. 10.
Exposure meter. H. Sauer and P. Görlich. 2,191,414; Feb. 20.
Exposure meter. H. Schwartzmann. 2,205,312; June 18.
Exposure meter. W. E. Wallace, Jr. 2,195,548; Apr. 2.
Exposure meter. E. F. Weston. 2,203,209; June 4.
Exposure timer. C. Kalish. 2,212,834; Aug. 27.
Extensible chair. C. R. Meitzler. 2,215,666; Sept. 24.
Extension, Adjustable. E. M. Pfauser. 2,218,319; Oct. 15.
Extension bit. E. Frey. 2,226,762; Dec. 31.
Extension control means for tool guides. H. E. Tautz. 2,193,946; Mar. 19.
Extension cord plug, Electric. W. L. Roeseler. 2,186,656; Jan. 9.
Extension table. A. M. Ellington. 2,213,696; Sept. 3.
Extension table. M. Langius. 2,222,849; Nov. 26.
Extension table. V. C. Luppert. 2,187,133; Jan. 16.
Extension table. W. C. Rastetter. 2,205,274; June 18.
Extension table. I. Segal. 2,227,234; Dec. 31.
Extension table. C. F. Vance. 2,201,414–15; May 21.
Extension table. W. P. Yow. 2,187,067; Jan. 16.
Extensions from pipe lines, Making lateral. T. A. Larry and E. E. Cline. 2,188,607; Jan. 30.
Extensometer. O. S. Peters. 2,198,041; Apr. 23.
Exterminating apparatus. B. F. Ford. 2,191,229; Feb. 20.
Extract containing unsaturated and aromatic hydrocarbons. A. Lazar. 2,220,531; Nov. 5.
Extraction process. A. P. Anderson. 2,225,396; Dec. 17.
Extraction process. E. S. Hillman and W. A. Webb. 2,221,093; Nov. 12.
Extraction process. V. Lantz. 2,188,051; Jan. 23.
Extraction systems continuously removing from solvent-treated materials, solvents of lower specific gravity, Process in continuous. M. Bonotto. 2,191,255; Feb. 20.
Extraction with solvents. C. F. Dinley. 2,200,983; May 14.
Extractor: *See*—

Centrifugal extractor.	Fruit extractor.
Dandelion extractor.	Fruit juice extractor.
Fish entrails extractor.	Juice extractor.
Fishhook extractor.	Rotary extractor.
Food pulverizer and juice extractor.	Tar extractor.
	Weed extractor

Extractor. C. G. Hawley. 2,216,389; Oct. 1.

Extractor. H. H. Mackal. 2,220,376; Nov. 5.
Extractor. J. L. Melzl. 2,217,559; Oct. 8.
Extractor for firearms. J. C. Garand. 2,198,610; Apr. 30.
Extractor for looms, Pneumatic thread. G. A. Buffington. 2,219,759–60; Oct. 29.
Extractor for looms, Pneumatic thread. C. Darwin. 2,219,768; Oct. 29.
Extractor for looms, Pneumatic thread. R. G. Turner. 2,219,793; Oct. 29.
Extractor mechanism for firearms. D. M. Williams. 2,204,289; June 11.
Extractor or like article, Juice. S. Osterman. 2,220,458; Nov. 5.
Extractor, Tomato juice. W. C. McNitt. Re. 21,449; May 14.
Extracts obtained from solid carbonaceous materials, Splitting up of. M. Pier, W. Kroenig, and W. Jaeckh. 2,223,184; Nov. 26.
Extruding apparatus. J. S. Boyle. 2,185,701; Jan. 2.
Extruding apparatus. A. J. N. Duclos. 2,219,888; Oct. 29.
Extruding die. M. Parrish, Jr., and T. R. James. 2,217,135; Oct. 8.
Extruding machine. V. E. Royle. 2,200,997; May 14.
Extruding machine for clay, soap, and other plastic materials. A. F. Wills. 2,205,328; June 18.
Extrusion apparatus. J. B. Jones. 2,221,299; Nov. 12.
Extrusion device. F. P. Kretchmer. 2,199,825; May 7.
Extrusion device. M. M. Safford. 2,199,209; Apr. 30.
Extrusion mold. A. Kunz. 2,194,589; Mar. 26.
Extrusion press. R. W. Dinzl. 2,188,076; Jan. 23.
Extrusion process and apparatus. E. Jacobson. 2,207,405; July 9.
Extrusion products from polymerization products of diene hydrocarbons, Fabrication of. H. I. Waterman and W. L. J. de Nie. 2,198,927; Apr. 30.
Eyecup. H. L. Magill and M. L. Duskin. 2,223,632; Dec. 3.
Eye examining instrument. E. H. Rimington. 2,221,928; Nov. 19.
Eye exercising device. H. Bermann. 2,224,776; Dec. 10.
Eye for dolls, Rolling. D. J. Wagler. 2,219,855; Oct. 29.
Eyeglass. R. Goldschmid and C. Hammerschmidt. 2,224,784; Dec. 10.
Eyeglass construction. A. Person. 2,209,827; July 30.
Eyeglass, Glare shield. F. B. Rentz. 2,187,810; Jan. 23.
Eyeglasses. J. L. Montalvo-Guenard. 2,226,941; Dec. 31.
Eyeglasses. F. Spill. 2,210,507; Aug. 6.
Eyeglasses. A. F. Williams. 2,198,852; Apr. 30.
Eyelens brace and protector. W. Brown. 2,197,682; Apr. 16.
Eye protecting device. E. D. Tillyer. 2,204,631; June 18.
Eye protector. D. E. Kimball. 2,195,175; Mar. 26.
Eye set for artificial figures. L. J. Schlitzer. 2,223,968; Dec. 3.
Eyeshade means. S. L. Wentz. 2,224,560; Dec. 10.
Eyeshield. J. Auer. 2,194,192; Mar. 19.
Eyeshield. G. Miller, Jr. 2,192,092; Feb. 27.
Eye testing device. J. F. Neumueller and J. Y. Taylor. 2,206,303; July 2.
Eyes and sound actuating device for dolls and other figures, Changeable. J. Maibaum. 2,208,219; July 16.
Eyes, Method and apparatus for testing. R. A. Sherman. 2,196,906; Apr. 9.
Eyes, Testing the. E. D. Tillyer. 2,191,047; Feb. 20.

Fabric: *See*—
- Cellulose impregnated and coated fabric.
- Coated and impregnated fabric.
- Elastic fabric.
- Elastic woolen fabric.
- Flat-knitted fabric.
- Glass fabric.
- Heat resistant heated fabric.
- Interlining fabric.
- Knit fabric.
- Knitted fabric.
- Knitted pile tucked fabric.
- Lace fabric.
- Mechanical fabric.
- Mold extractor.
- Napped elastic fabric
- Narrow fabric.
- Nonrun fabric.
- Nub pile fabric.
- Pile fabric.
- Plain knit ornamented fabric.
- Reed fabric.
- Rib knit fabric.
- Rubberized fabric.
- Striped elastic fabric.
- Textile fabric.
- Wire fabric.
- Woolen elastic fabric.
- Woven fabric.
- Woven interlining fabric.

Fabric. P. H. Barsky. 2,196,286; Apr. 9.
Fabric. J. L. Getaz. 2,215,393; Sept. 17.
Fabric and garment construction, Knit. H. Boepple. 2,186,572; Jan. 9.
Fabric and making same. C. M. Croft. 2,185,627; Jan. 2.
Fabric and making same. F. B. Voegeli. 2,211,841; Aug. 20.
Fabric and making same, Cord. S. W. Alderfer. 2,207,279; July 9.
Fabric and making same, Knitted. J. Gerson. 2,222,944; Nov. 26.
Fabric and making same, Tubular elastic. R. E. Davis. 2,206,808; July 2.
Fabric and making the same, Nonrun. F. Stevenson and C. A. Scott. 2,209,360; July 30.
Fabric and producing it, Nonrun knitted. J. P. Ludwig. 2,195,218; Mar. 26.
Fabric and producing same, Seamless knitted. H. McAdams. 2,217,558; Oct. 8.
Fabric and producing the same, Knitted. H. E. Haehnel. 2,223,252; Nov. 26.
Fabric and producing the same, Patterned. F. Hefti. 2,200,792; May 14.
Fabric and the production thereof, Coated. J. H. McGill. 2,208,640; July 23.
Fabric-applying apparatus. P. Keller. 2,193,728; Mar. 12.
Fabric article, Multiply. T. A. Kauppi and R. R. Bradshaw. 2,220,525; Nov. 5.
Fabric calendering. W. Smith. 2,186,771; Jan. 9.
Fabric, Coating glass. C. A. Alt. 2,215,061; Sept. 17.
Fabric consisting of a plurality of interwoven layers, Textile. F. Hanff and J. Reimann. 2,195,591; Apr. 2.
Fabric construction. E. C. Geier and J. Haesler. 2,199,400; May 7.
Fabric construction. R. Y. Hall. 2,222,946; Nov. 26.
Fabric cutting machine. E. H. Groh. 2,186,583; Jan. 9.
Fabric, Dyeing. S. H. Williams. 2,199,233; Apr. 30.
Fabric dyeing method and apparatus. C. R. Johnson. 2,199,342; Apr. 30.
Fabric fastener. E. B. Jorgensen. 2,219,392; Oct. 29.
Fabric feeding control system. S. Cohn and J. G. Walter. 2,189,166; Feb. 6.
Fabric feeding system. S. Cohn. 2,190,860; Feb. 20.
Fabric, Finishing. H. Platt. 2,186,121; Jan. 9.
Fabric finishing system. S. Cohn and J. G. Walter. 2,187,644; Jan. 16.
Fabric having elastic thread incorporated therein and making same, Plain knitted ornamented. J. L. Getaz. 2,204,731; June 18.
Fabric having elastic thread incorporated therein, Knitting ornamented. J. L. Getaz. 2,210,075; Aug. 6.
Fabric holder, Narrow. C. Gross. 2,211,461; Aug. 13.
Fabric inspection device. A. E. Ischinger. 2,189,650; Feb. 6.
Fabric, Knitting double faced. F. Hill. 2,214,021; Sept. 10.
Fabric, Making an elastic. F. G. Brown and D. J. Sullivan. 2,213,899; Sept. 3.
Fabric making material. G. Bloch. 2,200,946; May 14.
Fabric manufacture, Textile. A. H. Adams. 2,186,814; Jan. 9.
Fabric, Manufacture of wire. A. E. Blashill. 2,202,442; May 28.
Fabric, Manufacturing laminated. M. Sperber. 2,209,238; July 23.
Fabric material. M. A. Powers. 2,224,274; Dec. 10.
Fabric, Mechanism for cutting and pinking. G. Hoskwith. 2,200,746; May 14.
Fabric, Mercerizing. E. Weiss. 2,203,375; June 4.
Fabric, Method and apparatus for producing striped knitted. H. Agulnek and L. Mishcon. 2,189,276; Feb. 6.
Fabric, Method of and apparatus for drying. S. Cohn and J. G. Walter. 2,202,045; May 28.
Fabric, Method of and apparatus for making knitted. G. L. Logan. 2,187,132; Jan. 16.
Fabric mold. R. I. Smith. 2,193,242; Mar. 12.
Fabric portions, Transferring. F. Čečka. 2,216,066; Sept. 24.
Fabric printing, Multicolor. P. van der Reis. 2,210,633; Aug. 6.
Fabric reinforcing machine. B. Heilman. 2,218,749; Oct. 22.
Fabric stretching and straightening apparatus. P. A. Sperry. 2,188,665; Jan. 30.
Fabric, Treating. T. McConnell. 2,193,340; Mar. 12.
Fabric treating element. C. E. Hamilton. 2,199,157; Apr. 30.
Fabric waterproofing composition. N. N. Gay. 2,199,933; May 7.
Fabric, Weaving tufted. J. H. Moore, C. E. Jewett, and R. E. Burdett. 2,192,410–1; Mar. 5.
Fabric with eyelets secured to the edge thereof. H. Keshefsky and A. M. Levine. 2,222,178; Nov. 19.
Fabric wrinkleproofing and waterproofing composition. P. M. Moore. 2,200,931; May 14.
Fabricating machine. F. Y. Pearne. 2,194,096; Mar. 19.
Fabricator for adhesive tape. C. B. Strauch. 2,190,809; Feb. 20.
Fabrics, Adjustable method of connecting two. A. Ostwald. 2,200,428; May 14.
Fabrics and forming a visible topping line in knitted hosiery, Creasing. R. E. Claussner. 2,213,797; Sept. 3.
Fabrics and making same, Photographically dye-printed. O. R. Flynn and F. S. Richardson. 2,214,365; Sept. 10.
Fabrics and other materials, Treating. D. Finlayson and R. G. Perry. 2,224,293; Dec. 10.
Fabrics and product thereof, Producing non-curling stiffened woven. A. Schönholzer. 2,215,938; Sept. 24.
Fabrics and the like, Decorating. W. Robinson, J. Westemeyer, Jr., and C. A. Borloz. 2,186,176; Jan. 9.
Fabrics, Colored rubberized. W. J. R. Evans and W. F. Smith. 2,192,705; Mar. 5.
Fabrics, Decorating textile. H. Jenett. 2,222,582; Nov. 19.
Fabrics, Dyeing mixed. H. Kinkeler. 2,212,628; Aug. 27.
Fabrics, Making. W. E. Reed. 2,191,682; Feb. 27.
Fabrics, Making dull finish coated. R. L. Lester. 2,223,288; Nov. 26.
Fabrics, Making elastic. T. G. Hawley, Jr. 2,196,808; Apr. 9.

Fabrics, Making elastic. M. C. Teague and T. G. Hawley, Jr. 2,219,829; Oct. 29.
Fabrics, Making figured. H. J. Carragher. 2,187,469; Jan. 16.
Fabrics, Manufacture and treatment of textile. R. J. Mann and A. Mellor. 2,191,534; Feb. 27.
Fabrics, Manufacture of elastic. F. F. Schwartz and M. A. Chavannes. 2,193,496; Mar. 12.
Fabrics, Manufacture of full-cross gauze. E. Egli. 2,187,540; Jan. 16.
Fabrics, Method and means for producing knitted elastic. G. Gastrich and H. E. Haehnel. 2,185,844; Jan. 2.
Fabrics, Method of and machine for finishing. S. Cohn and J. G. Walter. 2,192,880; Mar. 12.
Fabrics, Pile. L. P. Miller. 2,226,631; Dec. 31.
Fabrics, Pleating. J. Levine. 2,191,321; Feb. 20.
Fabrics, Process and composition for printing textile. F. Streng. 2,207,233; July 9.
Fabrics, Production of knitted. K. M. Uphill and A. F. Guyler. 2,204,711; June 18.
Fabrics, Production of warp knitted. P. Schönfeld. 2,199,449; May 7.
Fabrics, Punching or cutting impregnated. A. C. Barley, Jr. 2,203,937; June 11.
Fabrics, Repairing textile. F. C. Stephens. 2,226,449; Dec. 24.
Fabrics, Size-discharge treatment of. G. W. Lane. 2,196,869; Apr. 9.
Fabrics, Treating artificial. K. Brodersen, M. Quaedvlieg, M. Zabel, and A. Schneider. 2,197,464; Apr. 16.
Fabrics, Treatment of textile. H. C. Olpin and G. H. Ellis. 2,192,984; Mar. 12.
Fabrics, Waterproofing. L. H. Bock. 2,209,383; July 30.
Fabrics with rubber, Coating. S. R. Ogilby. 2,215,563; Sept. 24.
Fabrics, Woven. K. Shiranezawa. 2,189,370; Feb. 6.
Face, False. G. L. Edwards. 2,203,562; June 4.
Face lifter. M. L. McLaughlin. Re. 21,509; July 16.
Face lifting device. E. Lindi. 2,211,378; Aug. 13.
Faceplate. G. B. Benander. 2,212,145; Aug. 20.
Faceplate. F. D. Sweeney. 2,220,133; Nov. 5.
Faceplate and receptacle with prong guiding means. W. C. Holden. 2,207,485; July 9.
Face protector. O. L. La Rue. 2,225,873; Dec. 24.
Facing unit. F. Clarke. 2,200,382; May 14.
Facilitating removal of cover strips of frost shields. H. C. Atwood. 2,212,726; Aug. 27.
Facsimile recorder. J. V. L. Hogan and H. C. Ressler. 2,202,855; June 4.
Facsimile recorder. H. Shore. 2,191,867; Feb. 27.
Facsimile recording apparatus. C. J. Young. 2,213,876; Sept. 3.
Facsimile recording device. R. G. Shankweiler. 2,227,109; Dec. 31.
Facsimile scanning system. W. G. H. Finch. 2,204,271; June 11.
Facsimile synchronizing system. W. G. H. Finch. 2,212,968; Aug. 27.
Facsimile synchronizing system. W. G. H. Finch. 2,212,971; Aug. 27.
Facsimile system. R. W. Carlisle. 2,210,706; Aug. 6.
Facsimile system. F. J. Somers. 2,219,120; Oct. 22.
Facsimile transmitting and receiving system. J. D. Durkee. 2,191,057; Feb. 20.
Facsimiles, Producing. C. Gongolsky. 2,217,164; Oct. 8.
Fair lead construction. G. I. Clark. 2,216,263; Oct. 1.
Fairing assembly. C. Hollerith. 2,226,511; Dec. 24.
Fairing for aircraft sustaining rotors. P. H. Stanley. 2,210,190; Aug. 6.
Fall-board means. W. M. Day. 2,218,949; Oct. 22.
Fan. E. L. Anderson. 2,185,718; Jan. 2.
Fan. E. L. Anderson. 2,225,406; Dec. 17.
Fan. A. J. Bittson. 2,208,243; July 16.
Fan. J. H. Cohen. 2,192,811–2; Mar. 5.
Fan. K. D. McMahan. 2,186,837; Jan. 9.
Fan. E. Ryder. 2,208,084; July 16.
Fan. F. R. Sheridan. 2,207,948; July 16.
Fan. E. W. Vose. 2,190,767; Feb. 13.
Fan, Air circulating. W. G. Callihan. 2,223,672; Dec. 3.
Fan and limit control, Combination. B. E. Shaw. 2,190,337; Feb. 13.
Fan and orifice assembly. L. W. Atchison and J. L. Fletcher. 2,217,608; Oct. 8.
Fan, Blower. J. I. Bowers. 2,208,890; July 23.
Fan casing, Centrifugal. K. D. McMahan. 2,201,867; May 21.
Fan construction, Propeller type. T. H. Troller. 2,219,499; Oct. 29.
Fan construction. B. Stevens, Jr. 2,212,555; Aug. 27.
Fan control system. W. A. Ray. 2,216,281; Oct. 1.
Fan control, Ventilating. H. F. Morse. 2,225,349; Dec. 17.
Fan, Cotton. G. N. Franks. 2,225,397; Dec. 17.
Fan, Flexible blade. E. Newnham. 21,525; Aug. 6, 1940.
Fan, Folding. R. E. Spisak. 2,210,508; Aug. 6.
Fan for driers, Hot air. D. B. Vincent. 2,215,945; Sept. 24.
Fan for liquid fuel burners. H. E. Henriksen. 2,218,643; Oct. 22.
Fan, Motor driven. G. F. Hardin. 2,190,118; Feb. 13.
Fan mounting. W. W. Allen. 2,191,418; Feb. 20.
Fan mounting. L. C. Reed. 2,211,671; Aug. 13.
Fan or pump, Axial flow type. F. L. Wattendorf. 2,208,615; July 23.
Fan, Oscillating electric. J. J. Gough. 2,210,865; Aug. 6.
Fan, Reversible. K. D. McMahan. 2,205,902; June 25.
Fan, Revolving. H. E. Van Derschaegh. 2,213,873; Sept. 3.
Fan rotor. H. E. Rathbun. 2,195,869; Apr. 2.
Fan structure. B. A. Benson. 2,224,628; Dec. 10.
Fan support. G. H. Koch. 2,204,995; June 18.
Fan supporting means. W. E. Gundelfinger. 2,215,035; Sept. 17.
Fan system. H. F. Hagen. 2,202,793; May 28.
Fan wheel. R. V. Pfautsch. 2,212,041; Aug. 20.
Fans, Construction of ventilating. C. M. Hamblin. 2,225,398; Dec. 17.
Fanfold machine. C. Butterfield. 2,202,244; May 28.
Fare antitheft device for taxicabs. T. K. Booth. 2,194,273; Mar. 19.
Fare registering apparatus. J. Gardner. 2,198,611; Apr. 30.
Farm implement, Combination. B. Selhourst. 2,209,478; July 30.
Farming implement. M. C. Chaney. 2,207,087; July 9.
Fastener: *See*—
Belt fastener.
Blanket fastener.
Buckle fastener.
Button fastener.
Car door fastener.
Chain fastener.
Clasp fastener.
Closure fastener.
Clothes fastener.
Clothesline fastener.
Corrugated metal fastener.
Cot fastener.
Cover fastener.
Cowl fastener.
Cuff fastener.
Detachable fastener.
Door fastener.
Envelope and bag fastener.
Envelope fastener.
Fabric fastener.
Footwear heel fastener.
Garment fastener.
Guy wire fastener.
Hatch cover fastener.
Insulator fastener.
Loop fastener.
Mixing bowl fastener.
Panel fastener.
Rail fastener
Roofing fastener.
Sash fastener.
Separable fastener.
Separable interlocking fastener.
Separable slide fastener.
Shade or blind fastener.
Shoelace fastener.
Shoestring fastener.
Shunt wire fastener.
Slide fastener.
Sliding clasp fastener.
Snap fastener.
Stopper fastener.
Storm window fastener.
Stovepipe fastener.
Strap fastener.
Tieback fastener.
Tool handle fastener.
Track rail fastener.
Trim fastener.
Variable scoop separable fastener.
Wallboard fastener.
Window fastener
Window or door fastener.
Window sash fastener.
Fastener. F. N. Ashworth. 2,204,561; June 18.
Fastener. A. Boenecke. 2,188,620; Jan. 30.
Fastener. D. A. Brennan. 2,212,896; Aug. 27.
Fastener. E. F. Chambless and J. W. Fay. 2,193,802; Mar. 19.
Fastener. F. E. De Long. ,206,945; July 9.
Fastener. E. B. Fernberg. 2,192,344; Mar. 5.
Fastener. E. B. Fernberg. 2,207,374; July 9.
Fastener. G. Flower. 2,217,249; Oct. 8.
Fastener. T. H. Gagen. 2,226,603; Dec. 31.
Fastener. E. F. Gaines. 2, 199,913; May 7.
Fastener. L. J. Hill. 2,185,553; Jan. 2.
Fastener. K. L. Johnson. 2,218,753; Oct. 22.
Fastener. J. F. Kennedy. 2,192,643; Mar. 5.
Fastener. H. W. Kost. 2,192,087; Feb. 27.
Fastener. H. W. Kost. 2,197,220; Apr. 16.
Fastener. E. B. Lear. 2,205,569; June 25.
Fastener. H. G. Lombard. 2,192,359; Mar. 5.
Fastener. L. V. Lucia. 2,189,495; Feb. 6.
Fastener. H. Marcus. 2,224,626; Dec. 10.
Fastener. J. H. McLaren. 2,206,536; July 2.
Fastener. C. G. Olson. 2,191,771; Feb. 27.
Fastener. B. C. Place. 2,191,773; Feb. 27.
Fastener. B. C. Place. 2,197,590; Apr. 16.
Fastener. B. C. Place. 2,198,290; Apr. 23.
Fastener. B. C. Place. 2,215,428; Sept. 17.
Fastener. B. C. Place. 2,220,273; Nov. 5.
Fastener. B. C. Place. 2,220,825; Nov. 5.
Fastener. M. A. Strehlein. 2,221,821; Nov. 19.
Fastener. G. A. Tinnerman. 2,192,160; Feb. 27.
Fastener and clamp for derrick lines and the like, Dead line. H. A. Wood. 2,187,960; Jan. 23.
Fastener and detachable end connecting member therefor, Separable. E. Wittenberg and H. Duchrow. 2,203,005; June 4.
Fastener and fastener installation. H. J. Murphy. 2,208,548; July 16.
Fastener and installation thereof, Double snap. W. H. Churchill. 2,194,847; Mar. 26.
Fastener and lock, Hatch cover. W. M. Dwyer. 2,224,292; Dec. 10.
Fastener and tie plate, Rail. C. P. Kimmel. 2,215,104; Sept. 17.
Fastener application for garments, Slide. H. Wipperman. 2,225,514; Dec. 17.
Fastener-applying device. A. H. Maynard. 2,195,889; Apr. 2.
Fastener-applying device. A. H. Maynard and J. M. Gambao. 2,193,599; Mar. 12.
Fastener-applying implement. J. F. Cavanagh. 2,210,165; Aug. 6.
Fastener-applying implement. P. O. Germain. 2,218,934; Oct. 22.

Fastener-applying implement. A. H. Maynard. 2,227,314; Dec. 31.
Fastener article, Hookless. S. L. Hoffman. 2,210,547; Aug. 6.
Fastener attached structure and fastener for the same. W. C. MacFadden. 2,225,592; Dec. 17.
Fastener attaching device, Slide. N. H. Swanson. 2,219,202; Oct. 22 .
Fastener attaching machine, Snap. F. H. Peterson. 2,201,053; May 14.
Fastener attaching member and fastener installation. S. M. Del Camp. 2,201,611; May 21.
Fastener attachment machine, Separable. M. and M. J. Kiessling. 2,185,769; Jan. 2.
Fastener attachment, Slide. R. U. Clark. 2,222,832; Nov. 26.
Fastener driving machine, Corrugated. A. F. Ederer. 2,217,894; Oct. 15.
Fastener driving machine, Corrugated. P. Hingston. 2,224,599; Dec. 10.
Fastener element and making the same, Separable. L. H. Morin and D. Marinsky. 2,203,694; June 11.
Fastener element, Slide. J. M. Gross. 2,193,870; Mar. 19.
Fastener elements, Manufacture of slide. F. Ulrich. 2,221,740; Nov. 12.
Fastener for belt ends. W. J. Dawson. 2,225,260; Dec. 17.
Fastener for binders, folders, and the like, Prong. M. Vogen. 2,192,701; Mar. 5.
Fastener for grass catching baskets for lawn mowers. E. E. Wessock. 2,191,601; Feb. 27.
Fastener for joining belts and conveyer bands. A. Daum. 2,202,094; May 28.
Fastener for scraper blades, Wedge. A. K. Johnson. 2,189,745; Feb. 6.
Fastener for scraper blades, Wedge. A. K. Johnson. 2,220,819; Nov. 5.
Fastener for screens and storm windows. F. L. Bergeron. 2,223,883; Dec. 3.
Fastener for window glass, Strip. E. E. Schaffert and A. Viehweger. 2,219,239; Oct. 22.
Fastener for women's handbags and other articles. A. Illsche. 2,187,605; Jan. 16.
Fastener installation and fastener for the same. W. H. Churchill. 2,201,387; May 21.
Fastener installation and fastener member for the same. T. W. Wallschlaeger. 2,187,336; Jan. 16.
Fastener installation, Snap. F. N. Ross. 2,197,419; Apr. 16.
Fastener member. W. H. Churchill. 2,208,541; July 16.
Fastener member and fastener installation. A. De Vito and F. Liessmann. 2,187,303; Jan. 16.
Fastener member, Double. W. I. Jones. 2,187,322; Jan. 16.
Fastener member, Snap. R. W. Johnson. 2,187,321; Jan. 16.
Fastener member, Snap. J. Kral. 2,205,363; June 18.
Fastener or holder, Window sash. C. Z. Hayes. 2,202,952; June 4.
Fastener separable stop and making the same, Slide. M. Kiessling. 2,219,045; Oct. 22.
Fastener slider, Interlocking. H. Axthelm. 2,204,562; June 18.
Fastener slider, Interlocking. H. Axthelm. 2,223,347; Dec. 3.
Fastener stringer. D. Marinsky. 2,218,089; Oct. 15.
Fastener stringer, Separable. D. Marinsky. 2,212,546; Aug. 27.
Fastener stringers, Forming separable. D. Marinsky. 2,212,545; Aug. 27.
Fastener stringers, Making slide. G. Sundback. 2,190,628; Feb. 13.
Fastener stud member, Snap. W. I. Jones. 2,194,855; Mar. 26.
Fastener stud, Snap. J. Kral. 2,222,147; Nov. 19.
Fastener unit and making same. C. G. Olson. 2,225,654; Dec. 24.
Fasteners, Apparatus for attaching. E. W. Bacon. 2,186,569; Jan. 9.
Fasteners, Buffing the edges of metal. F. B. Smithe and A. Novick. 2,221,885; Nov. 19.
Fasteners, Die casting separable. L. H. Morin, and D. Marinsky. 2,200,633. May 14.
Fasteners, Forming separable. N. J. Poux. 2,202,230; May 28.
Fasteners, Making. J. H. Hunt. 2,213,813; Sept. 3.
Fasteners, Making. P. Nedal. 2,219,165; Oct. 22.
Fasteners, Making. F. M. Zenner. 2,186,892; Jan. 9.
Fasteners, Manufacture of slide. G. Wintritz. 2,201,068; May 14.
Fasteners, Manufacturing separable. D. Marinsky and L. H. Morin. 2,218,090; Oct. 15.
Fasteners, Separable. A. Di Tullio. 2,200,239; May 14.
Fasteners, Slide. F. P. Miller and L. Skeel. Re. 21,325; Jan. 16.
Fastening, Assist cord. C. A. Lilley. 2,194,461; Mar. 26.
Fastening, Blade ring. A. Bierend. 2,224,664; Dec. 10.
Fastening, Concealed. F. A. Clarke. 2,200,158; May 7.
Fastening construction, Adjustable. C. Goldenberg. 2,208,026; July 16.
Fastening device. S. S. Ball. 2,221,125; Nov. 12.
Fastening device. O. A. Berman. 2,195,385; Mar. 26.
Fastening device. P. F. Berry. 2,215,385; Sept. 17.
Fastening device. T. Biernacki. 2,215,205; Sept. 17.
Fastening device. F. Blair. 2,199,148; Apr. 30.
Fastening device. B. Cotter. 2,201,335; May 21.
Fastening device. H. W. Dargeon. 2,222,607; Nov. 26.
Fastening device. A. Fridolph. 2,210,287; Aug. 6.
Fastening device. C. B. Greenberg. 2,208,257; July 16.
Fastening device. A. M. Hexdall. 2,203,146; June 4.
Fastening device. F. H. Hillier. 2,223,957; Dec. 3.
Fastening device. J. H. King and R. R. Wotring. 2,188,552; Jan. 30.
Fastening device. H. W. Kost. 2,198,439; Apr. 23.
Fastening device. C. G. Olson. 2,195,598; Apr. 2.
Fastening device. A. J. Rhodes. 2,207,441; July 9.
Fastening device. J. H. Roethel. 2,199,347; Apr. 30.
Fastening device. W. and C. C. Shipee. 2,204,829; June 18.
Fastening device. R. E. Snell. 2,206,554; July 2.
Fastening device. F. M. Stader. 2,208,283; July 16.
Fastening device. A. L. Stirn. 2,214,939; Sept. 17.
Fastening device. G. A. Tinnerman. 2,196,711; Apr. 9.
Fastening device. G. A. Tinnerman. 2,200,047; May 7.
Fastening device. G. A. Tinnerman. 2,208,779; July 23.
Fastening device. G. A. Tinnerman. 2,222,449; Nov. 19.
Fastening device and making same. J. C. Crowley. 2,206,881; July 9.
Fastening device and making the same. A. Boggild and J. Duch. 2,225,607; Dec. 24.
Fastening device for boxes, Cleat. J. H. Webb. 2,202,545; May 28.
Fastening device for mops, brushes, and the like. J. W. Brintnall. 2,218,521; Oct. 22.
Fastening device for race members. R. D. Brouwer. 2,222,334; Nov. 19.
Fastening device, Rotatable. J. F. G. Chobert. 2,216,385; Oct. 1.
Fastening devices for jewelry. B. Mestekin. Re. 21,440; Apr. 30.
Fastening for doors. J. H. Darby. 2,188,034; Jan. 23.
Fastening for fountain pen caps. W. E. La May and G. W. Chance. 2,192,644; Mar. 5.
Fastening-inserting machine. P. Brauner. 2,185,426; Jan. 2.
Fastening inserting machine. H. E. Elliott. 2,194,592; Mar. 26.
Fastening-inserting machine. J. C. Jorgensen. 2,196,212; Apr. 9.
Fastening inserting machine. F. N. La Chapelle. 2,188,978; Feb. 6.
Fastening-inserting machine. F. N. La Chapelle. 2,207,742; July 16.
Fastening-inserting machine. J. T. Lancaster. 2,214,835; Sept. 17.
Fastening-inserting machine. J. T. Lancaster. 2,216,119; Oct. 1.
Fastening inserting machine. A. A. Molitor. 2,186,172; Jan. 9.
Fastening inserting machine. A. R. Schoenky. 2,186,046; Jan. 9.
Fastening-inserting machine. F. E. Stratton. 2,199,514; May 7.
Fastening means. J. H. Dearborn. 2,206,223; July 2.
Fastening means. G. C. Harbison. 2,205,259; June 18.
Fastening means. G. A. Tinnerman. 2,191,689; Feb. 27.
Fastening means. G. A. Tinnerman. 2,191,780; Feb. 27.
Fastening means. G. A. Tinnerman. 2,225,394; Dec. 17.
Fastening means for bottle cuffs or the like. C. D. Painter. 2,214,436; Sept. 10.
Fastening means for corsets, Front. I. R. Versoy. 2,205,771; June 25.
Fastening means for detachable securing handles to operating shafts. G. F. Turner. 2,191,294; Feb. 20.
Fastening means for garments, Detachable. C. Seidel. 2,208,434; July 16.
Fastening means for securing railway car lining. H. Kump. 2,201,778; May 21.
Fastening or anchoring means for insulator supporting pins. A. A. Hocher. 2,207,008–9; July 9.
Fastening means, Ornamental member. G. A. Lyon. 2,193,106; Mar. 12.
Fastening means, Sheet metal. W. Schoeniger. 2,185,274; Jan. 2.
Fastening means, Sheet metal. G. A. Tinnerman. 2,221,498; Nov. 12.
Fastening, Method and means for. C. G. Olson. 2,200,227; May 7.
Fastening pulling machine. A. R. Schoenky. 2,214,840; Sept. 17.
Fastening, Screw threaded. R. H. Schmitt. 2,196,032; Apr. 2.
Fastening, Sheet metal cabinet leg. M. S. Vincent. 2,224,558; Dec. 10.
Fastening stud for household fixtures. J. J. Korenchan. 2,222,413; Nov. 19.
Fastening-supplying mechanism. P. E. Burby. 2,212,584; Aug. 27.
Fat bloom at the surface of chocolate and chocolate-coated products, and the resulting product, Retarding. L. R. Cook and J. H. Light. 2,216,660; Oct. 1.
Fat containing meat, Rendering. S. Musher. 2,198,211; Apr. 23.
Fatty compositions and product, Treatment of. G. D. Martin. 2,225,124; Dec. 17.
Fatty derivatives of alkylated amines. J. Katz. 2,201,041; May 14.

Fats and oils and resulting product, Stabilizing. E. C. Crocker. 2,205,620; June 25.
Fats and oils, Manufacture of stabilized animal and vegetable. E. Böhm and T. Sabalitschka. 2,223,244; Nov. 26.
Fats and oils, Saponification of. M. H. Ittner. 2,221,799; Nov. 19.
Fats, Crystallizing. C. Dedlow. 2,200,982; May 14.
Fatigue testing machine. H. S. Fullerton. 2,215,958; Sept. 24.
Faucet. V. Beecker. 2,188,216; Jan. 23.
Faucet. R. A. Casarotti. 2,186,326; Jan. 9.
Faucet. J. F. Cochran. 2,205,684; June 25.
Faucet. G. S. Emery. 2,221,233; Nov. 12.
Faucet. L. O. Groves. 2,217,050; Oct. 8.
Faucet. L. S. Jolly and N. G. Lindsey. 2,191,128; Feb. 20.
Faucet. R. H. Mueller. 2,210,375; Aug. 6.
Faucet. L. W. Polit. 2,222,466; Nov. 19.
Faucet. H. S. Steen. 2,212,308; Aug. 20.
Faucet. A. M. Vedoe. 2,202,971; June 4.
Faucet. A. L. Voight. 2,188,783; Jan. 30.
Faucet. F. and R. D. Welty. 2,202,179; May 28.
Faucet adapter. J. J. Toolan. 2,201,065; May 14.
Faucet, Ball bearing. T. J. and M. G. Kaufman. 2,201,095; May 14.
Faucet, Beer. F. E. Rice. 2,185,267; Jan. 2.
Faucet connector. W. J. Hooper. 2,219,813; Oct. 29.
Faucet, Liquid dispensing. F. R. MacMillan. 2,199,344; Apr. 30.
Faucet, Measuring and dispensing. W. P. Henry, Jr. 2,199,312; Apr. 30.
Faucet, Mixing valve. J. Krieger. 2,214,619; Sept. 10.
Fault detector and stopping device for textile machines. W. W. Bardsley. 2,190,169; Feb. 13.
Fault indicating means. E. O. Schweitzer, Jr. 2,224,320; Dec. 10.
Feather cleaner and fluffer. M. Robison. 2,210,600; Aug. 6.
Feather quilling machine. T. M. Knox. 2,202,347; May 28.
Feather washing machine. T. M. Knox. 2,222,230; Nov. 19.
Feed and making same, Cattle. A. H. Kelling. 2,192,611; Mar. 5.
Feedback amplifier circuit. F. B. Anderson. 2,210,997; Aug. 13.
Feedback amplifier filter. H. A. Wheeler. 2,185,389; Jan. 2.
Feed chuck. J. R. O'Connell. 2,187,170; Jan. 16.
Feed control of water softening treatment for boilers, Sight. F. L. Overson. 2,199,728; May 7.
Feed controlling apparatus. N. S. Madsen. 2,202,216; May 28.
Feed device. H. E. Cullen and H. O. Ronning. 2,224,426; Dec. 10.
Feed device. E. F. Harmon. 2,191,153; Feb. 20.
Feed device, Helical. W. R. Postlewaite. 2,198,178; Apr. 23.
Feed distributor for gyratory crushers. E. B. Symons. 2,214,289; Sept. 10.
Feed for cotton gins, Automatic. T. S. Grimes. 2,196,728; Apr. 9.
Feed for machines for placing rings on bobbins. F. Hambleton. 2,214,814; Sept. 17.
Feed for tinning machines and the like, Automatic. C. Imboden. 2,204,548; June 18.
Feed grinding and culturing apparatus. F. K. Chandler. 2,205,898; June 25.
Feed head, Automatic. C. E. Broders. Re. 21,341; Feb. 6.
Feed material from lettuce, Manufacture of a. H. A. Smith. 2,190,176; Feb. 13.
Feed mechanism for labeling machines, Pack. C. H. Neer. 2,185,947; Jan. 2.
Feed mechanism for lathes. W. F. and W. L. Groene. 2,199,834; May 7.
Feed mechanism for profiling machines. J. C. Dixon. 2,207,786; July 16.
Feed mixer. L. Wenger. 2,218,320; Oct. 15.
Feed mixing apparatus. C. L. Smith. 2,192,806; Mar. 5.
Feed products, Preparing dried vegetable. C. M. Nesbitt and D. E. Warner. 2,227,317; Dec. 31.
Feed water heater. S. Q. Bates. 2,185,177; Jan. 2.
Feed-water heater. B. R. McBath. 2,187,044; Jan. 16.
Feed-water system. W. G. Lauffer and H. R. Kessler. 2,207,809; July 16.

Feeder: *See*—
- Accelerating feeder.
- Baling machine feeder.
- Bee feeder.
- Calf feeder.
- Chain gripper feeder.
- Chicken feeder.
- Crucible glass feeder.
- Dough feeder.
- Friction feeder.
- Graphite feeder.
- Hog feeder.
- Intermittent feeder.
- Lehr feeder.
- Mill feeder.
- Poultry feeder.
- Rod feeder.
- Rotary feeder.
- Sheet feeder.
- Stock feeder.
- Slip sheet feeder.
- Volumetric feeder.

Feeder apparatus. A. H. Jung. 2,189,113; Feb. 6.
Feeder for glass furnaces and feeding glass. J. Ferguson. 2,186,718; Jan. 9.
Feeder for pea viners. F. Hamachek, Jr. 2,187,026; Jan. 16.
Feeder for powdered materials. F. C. Jones and T. Guilfoyle. 2,193,235; Mar. 12.
Feeder for pulverulent material. M. M. Wheldon. 2,213,508; Sept. 3.
Feeder for stitching machines. R. E. Ackley. 2,219,608; Oct. 29.
Feeder for threshing machines. C. R. Livermon. 2,212,296–7; Aug. 20.
Feeder for torches, Starting rod. W. van Triest. 2,221,825; Nov. 19.
Feeder or injector. L. G. Smith and J. F. Green. 2,189,255; Feb. 6.
Feeding and aligning device. B. L. Henry. 2,187,900; Jan. 23.
Feeding and indexing mechanism for machine tools. D. D. Myers. 2,185,351; Jan. 2.
Feeding and severing mechanism for photographic copying machines. P. Landrock and A. W. Caps. 2,191,212; Feb. 20.
Feeding and tensioning mechanism for strand wrapping machines. J. Perry. 2,211,434; Aug. 13.
Feeding apparatus. H. N. Bliss, and G. E. Fenton. 2,200,831; May 14.
Feeding apparatus. R. H. Lawson. 2,227,355; Dec. 31.
Feeding apparatus for pilger mills. A. van den Bungelaar. 2,192,808; Mar. 5.
Feeding device. H. L. Metzger. 2,195,576; Apr. 2.
Feeding device. W. G. Peters. 2,211,835; Aug. 20.
Feeding device. F. E. Sinclair. 2,214,753; Sept. 17.
Feeding device. E. Whitehead. 2,196,240; Apr. 9.
Feeding device, Automatic. A. H. Landry. 2,209,340; July 30.
Feeding device for birds. F. Mallgraf. 2,195,575; Apr. 2.
Feeding device for crushers. O. C. Gruender. 2,207,858; July 16.
Feeding device for machine tools. K. Zwick. 2,217,091; Oct. 8.
Feeding device for typewriters, Carbon. B. J. Bennett. 2,191,554; Feb. 27.
Feeding machine for making tacks, nails, and the like. J. H. Snell. 2,223,233; Nov. 26.
Feeding means and method. Le B. B. Johnson. 2,191,019; Feb. 20.
Feeding means for knitting machines. J. and R. H. Lawson, and A. N. Cloutier. 2,217,225; Oct. 8.
Feeding mechanism. H. E. Dickerman. 2,188,473; Jan. 30.
Feeding mechanism. F. Johannesen and F. Swenson. 2,194,282; Mar. 19.
Feeding mechanism. D. G. Meikle. 2,188,462; Jan. 30.
Feeding mechanism. O. C. Schmidt. 2,201,959; May 21.
Feeding mechanism for grinding wheel truing apparatus. W. H. Wood. 2,203,608; June 4.
Feeding mechanism for knitting machines, Selective thread. R. Anke. Re. 21,436; Apr. 30.
Feeding mechanism for metal sheets. H. W. Theiss. 2,197,817; Apr. 23.
Feeding mechanism for rock drills. A. Feucht. 2,203,953; June 11.
Feeding mechanism for rock drills. A. Feucht. 2,207,792; July 16.
Feeding mechanism for rock drills. A. Feucht. 2,210,660; Aug. 6.
Feeding mechanism for rock drills. W. A. Smith, Jr., and A. Feucht. 2,221,118; Nov. 12.
Feeding mechanism for sewing machines. W. A. Andres and E. W. Johnson. 2,193,754; Mar. 12.
Feeding mechanism for sewing machines. F. Lutz. 2,213,029; Aug. 27.
Feeding mechanism for sewing machines. S. Zonis. 2,211,633; Aug. 13.
Feeding mechanism for shaker or jigging conveyers. E. R. Bergmann. 2,186,472; Jan. 9.
Feeding mechanism for wrapping machines. M. J. Milmoe. 2,202,503; May 28.
Feeding method and article. K. Ide and G. S. Hills. 2,224,683; Dec. 10.
Feeler for looms, Filling. H. H. Holcombe. 2,211,778; Aug. 20.
Feeler gauge. H. D. Starr. 2,197,668; Apr. 16.
Felt and manufacture of same, Reconstituted mineral surfaced. W. J. Moeller, H. W. Greider and M. F. Smith. 2,196,469; Apr. 9.
Felt arrangement for horizontal press roll assemblies. E. E. Berry. 2,209,757; July 30.
Felt arrangement for horizontal press rolls. E. E. Berry. 2,209,758; July 30.
Felt, Drier. R. L. Dempsey. 2,209,874; July 30.
Felt, Drier. B. L. Whittier. 2,208,090; July 16.
Felt, Fibrous glass. G. Slayter. 2,206,059; July 2.
Felt, Making. P. Drewsen. 2,188,533; Jan. 30.
Felt, Manufacturing a water-laid. H. P. Shopneck. 2,198,232; Apr. 23.
Felted product and method and machine for making the same. G. T. Pearce. 2,188,373; Jan. 30.
Felting and product. J. D. Sartakoff. 2,211,863; Aug. 20.
Female contact plug. W. P. Herman. 2,191,386; Feb. 20.
Fence. W. C. Briggs. 2,187,641; Jan. 16.
Fence. H. W. M. Coleman. 2,199,518; May 7.
Fence, Adjustable grade iron. G. A. Gustafson. 2,218,953–4; Oct. 22.
Fence charging device. C. Gallot and A. Alpaugh. 2,202,691; May 28.
Fence, Electric. C. E. Peters. 2,220,687; Nov. 5.

Fence, Electric. H. Schaefer. 2,215,718; Sept. 24.
Fence, Electric. J. E. Vaughan. 2,198,358; Apr. 23.
Fence, Electric. J. E. Vaughan. 2,199,058; Apr. 30.
Fence, Electric. C. H. Willis. 2,196,046; Apr. 2.
Fence, Electric. E. D. Willis. 2,198,715; Apr. 30.
Fence machine. T. C. Allee. 2,225,382; Dec. 17.
Fence machine, Wire. H. L. Kitselman. 2,204,602; June 18.
Fence post, Steel. O. M. Borgen. 2,222,249; Nov. 19.
Fence structure. C. Bauer. 2,195,072; Mar. 26.
Fence, Wire. W. H. Sommer. 2,188,869; Jan. 30.
Fender adjuster, Cultivator. E. R. Neumann and W. J. Walter. 2,195,338; Mar. 26.
Fender construction, Front. E. E. Anderson. 2,207,366; July 9.
Fender, Expanded rubber boat. D. Roberts, L. Cooper, and R. C. Bascom. 2,197,839; Apr. 23.
Fender for plows. R. L. Miller. 2,190,240; Feb. 13.
Fender, fender shield, and assembly. D. H. Mills. 2,222,624; Nov. 26.
Fender, grille, and light protector. R. R. Marriott. 2,210,091; Aug. 6.
Fender guide. J. T. Kline. 2,224,032; Dec. 3.
Fender or guard for mowing machines and the like, Weed. C. C. Fulton. 2,216,313; Oct. 1.
Fender shield latch, Concealed lever-operated. A. P. Fergueson. 2,224,428; Dec. 10.
Fender skirt clamping mechanism. G. C. Patrick and G. W. Schatzman. 2,215,619; Sept. 24.
Fender skirt latching mechanism. A. P. Fergueson. 2,217,046; Oct. 8.
Fender skirt mounting. G. V. Schatzman. 2,196,030; Apr. 2.
Fender skirt mounting. G. W. Schatzman. 2,220,352; Nov. 5.
Fender skirt, Ornamental. A. P. Fergueson. 2,215,640; Sept. 24.
Fender tool. C. W. Meinhardt. 2,191,720; Feb. 27.
Fermentation cell for converting organic matter to humus. J. R. Breuchaud. 2,222,651; Nov. 26.
Fermentation process for the preparation of paper pulp from bagasse and similarly incrusted cellulose fibers. E. A. Ritter. 2,193,493; Mar. 12.
Fermentation process for the production of butyl alcohol and other solvents. J. F. Loughlin. 2,219,426; Oct. 29.
Fermentation process of treating sugar worts. H. Scholler. 2,188,193; Jan. 23.
Fermentations by means of yeast and butyl alcohol, producing bacteria, Concurrent. H. R. Stiles and L. M. Pruess. 2,202,785; May 28.
Ferric sulphate, Manufacture of. A. G. Edison. 2,196,584; Apr. 9.
Ferro-alloys and producing them. H. V. Glunz and E. C. Painter. 2,197,660; Apr. 16.
Ferro-magnetic device. H. Brinkmann. 2,214,898; Sep. 17.
Ferroprussiate photoreproduction. J. Holden. 2,189,264; Feb. 6.
Ferrous alloy. A. T. Cape and C. V. Foerster. 2,208,116–8; July 16.
Ferrous alloy. W. E. Jominy. 2,198,775; Apr. 30.
Ferrous alloy. W. E. Jominy. 2,225,997; Dec. 24.
Ferrous alloy, Corrosion resistant. J. A. Parsons, Jr. 2,185,987; Jan. 2.
Ferrous articles, Method of casing. A. W. Machlet. 2,188,226; Jan. 23.
Ferrous bearing member. M. Fleischmann. 2,207,289; July 9.
Ferrous bodies and the like, Apparatus for hardening. C. W. Dake. 2,186,626; Jan. 9.
Ferrule. C. Nicholson. 2,192,097; Feb. 27.
Ferrule for an umbrella stick and the like. M. Harris. 2,192,040; Feb. 27.
Ferrule mounting. L. D. Miller. 2,199,268; Apr. 30.
Ferry, Individual driven. B. F. Quintana. 2,199,186; Apr. 30.
Fertilizer, Amine and phosphatic. W. D. Bancroft, J. K. Wilson, and J. E. Rutzler, Jr. 2,222,737–8; Nov. 26.
Fertilizer and making same. L. Treeland. Re. 21,638; Nov. 26.
Fertilizer, Conditioning. H. J. Weitz. 2,200,107; May 7.
Fertilizer containing selectively calcined dolomite. C. R. Rex. 2,193,842; Mar. 19.
Fertilizer distributor. J. v. S. Finne. 2,200,773; May 14.
Fertilizer distributor. G. Konicek. 2,221,401; Nov. 12.
Fertilizer distributor, All purpose. C. Hennessee. 2,207,665; July 9.
Fertilizer materials, Soluble organic phosphate. W. D. Bancroft, J. K. Wilson, and J. E. Rutzler, Jr. 2,213,513; Sept. 3.
Fertilizer mixture. W. D. Bancroft, J. K. Wilson, and J. E. Rutzler, Jr. 2,213,619; Sept. 3.
Fertilizer, Peptized phosphatic. W. D. Bancroft, J. K. Wilson, and J. E. Rutzler, Jr. 2,222,734; Nov. 26.
Fertilizer, Phosphate. W. D. Bancroft, J. K. Wilson, and J. E. Rutzler, Jr. 2,222,735–6; Nov. 26.
Fertilizers, Manufacture of. C. S. Townsend. 2,220,134; Nov. 5.
Fertilizers, Producing superphosphate. L. H. Facer. 2,213,243; Sept. 3.
Fertilizers, Production of phosphatic. E. Lüscher. 2,189,248; Feb. 6.
Fertilizers, Production of phosphatic. E. Lüscher 2,220,575; Nov. 5.
Fiber. S. P. Gould and E. O. Whittier. 2,204,535; June 11.
Fiber. E. O. Whittier and S. P. Gould. 2,187,534; Jan. 16.
Fiber. E. O. Whittier and S. P. Gould. 2,197,246; Apr. 16.
Fiber. E. O. Whittier and S. P. Gould. 2,204,336; June 11.
Fiber. E. O. Whittier and S. P. Gould. 2,225,198; Dec. 17.
Fiber and drying the same, Dyeing masses of raw. C. R. McGhee and J. W. Woodruff. 2,205,958; June 25.
Fiberboard, Making. J. W. Gill. 2,215,353; Sept. 17.
Fiber board, Making textured. J. N. Devereux. 2,225,585; Dec. 17.
Fiberboard, Producing decorative. F. A. Irvine. 2,211,569; Aug. 13.
Fiberboard structure and making the same. C. S. Evans. 2,203,084; June 4.
Fiber box. H. H. Lindley. 2,217,757; Oct. 15.
Fiber cleaning. G. S. Rippey. 2,220,026; Oct. 29.
Fiber cleaning apparatus. G. S. Rippey. 2,220,025; Oct. 29.
Fiber cutter. C. J. Westin. 2,221,065; Nov. 12.
Fiber digestion apparatus, Crude. A. I. Newman and L. C. Short. 2,222,463; Nov. 19.
Fiber from protein contained in soya bean, Manufacturing artificial. T. Kajita and R. Inoue. 2,192,194; Mar. 5.
Fiber from protein contained in soybean, Manufacturing artificial. T. Kajita and R. Inoue. 2,198,538; Apr. 23.
Fiber impregnating composition, Aqueous textile. M. Nassau, F. Sommer, and G. Wiegand. 2,210,595; Aug. 6.
Fiber, Manufacture and production of staple. F. R. Coleshill and J. H. McKeown. 2,208,497; July 16.
Fiber, Method and apparatus for manufacture of staple. E. Witte. 2,196,449; Apr. 9.
Fiber preparation, Bast. R. B. Cochrane. 2,208,287; July 16.
Fiber product, Consolidated. J. W. Gill. 2,215,246; Sept. 17.
Fiber products from continuous filaments, Manufacture of staple. H. Dreyfus and W. Pool. 2,219,356–7; Oct. 29.
Fiber products, High-strength compressed. G. D. King and J. W. Gill. 2,215,245; Sept. 17.
Fiber remixing machine and process. O. A. Benoit. 2,227,175; Dec. 31.
Fiber-rubber products, Making. C. S. Johnson. 2,215,553; Sept. 24.
Fiber separating machine. D. E. Patterson. Re. 21,468; May 28.
Fiber suitable for yielding dyeings fast to fulling, Artificial. A. von Weinberg, H. Rein, and O. Eisenhut. 2,213,972; Sept. 10.
Fiber treatment. S. Gulbrandsen. 2,194,084; Mar. 19.
Fiber treatment. J. P. Tarbox. 2,219,582; Oct. 29.
Fiber, Treatment of staple. F. Schneider, H. Altgelt, and W. Neugebauer. 2,191,977; Feb. 27.
Fiber wetlap, High temperature ironing of. W. H. Mason. 2,217,691; Oct. 15.
Fibers, Aftertreatment of dyed textile. S. Petersen, O. Bayer, and C. Taube. 2,218,924; Oct. 22.
Fibers and a composition therefor, Bleaching. H. O. Kauffman. 2,189,378; Feb. 6.
Fibers and producing same, Synthetic. J. M. Alibert. 2,211,920; Aug. 20.
Fibers and the like, Preparing delustered synthetic. G. D. Graves. 2,205,722; June 25.
Fibers, Determining the grease content of. F. H. Mackenzie. 2,192,614; Mar. 5.
Fibers, Dyeing of synthetic linear polyamide. P. H. Stott. 2,220,129; Nov. 5.
Fibers for molten glass and similar meltable materials, Method and apparatus for the production of. P. Modigliani. 2,212,448; Aug. 20.
Fibers for spinning, Manufacture of artificial. J. Kleine, W. Zetzsche, and P. Saffert. 2,191,296; Feb. 20.
Fibers from ethylene polymers. M. W. Perrin, J. G. Paton, and E. G. Williams. 2,210,774; Aug. 6.
Fibers from fiber-containing material, Extraction of. G. M. von Hassel. 2,214,893; Sept. 17.
Fibers from glass, slag, and the like meltable materials, Production of. L. S. Vello. 2,194,727; Mar. 26.
Fibers, Imparting hydrophobic properties to cellulose. F. E. Hubert, E. Heisenberg, A. Steindorff, and L. Orthner. 2,211,976; Aug. 20.
Fibers in textile machines, Mechanism for drawing. J. Schofield. 2,206,432; July 2.
Fibers, Liberating paper. L. Vaughan, Jr. 2,209,952; Aug. 6.
Fibers obtained from leaves of sisal and like plants. Mechanism for decorticating. J. McCrae. 2,197,242; Apr. 16.
Fibers of fibrous material entrained in a stream of air in a continuous layer upon a traveling surface, Depositing separated. F. J. Watts. 2,195,158; Mar. 26.
Fibers of vegetable origin, Bleaching. H. O. Kauffmann, and H. G. Smolenns. 2,220,682; Nov. 5.
Fibers or fibrous materials containing keratin, Treatment of. J. B. Speakman. 2,201,929; May 21.
Fibers, Process and apparatus for use in the manufacture of staple. R. Bartunek and A. Maxton. 2,202,477; May 28.

Fibers, Small batch process of mixing. O. A. Benoit. 2,195,018; Mar. 26.
Fibers, Treating cellulose. W. B. Pratt. 2,220,426; Nov. 5.
Fibers, Treating cellulose organic derivative cut staple. W. T. Jackson and W. G. Faw. 2,197,930; Apr. 23.
Fibre, Manufacture and production of staple. E. A. Morton. 2,221,716; Nov. 12.
Fibroin spinning solutions. R. S. Bley. Re. 21,454–6; May 21.
Fibrous material, Digesting. T. L. Dunbar. 2,225,771; Dec. 24.
Fibrous material, Method and apparatus for producing. J. H. Thomas and G. M. Lannan. 2,219,346; Oct. 29.
Fibrous material, Method of and apparatus for forming. C. L. Norton. 2,185,417; Jan. 2.
Fibrous material, Process and apparatus for digesting. A. D. Merrill. 2,224,976; Dec. 17.
Fibrous material refining engine. C. W. Morden. 2,207,931; July 16.
Fibrous materials. M. D. Rozenbroek. 2,224,489; Dec. 10.
Fibrous materials, Disintegration of vegetable. A. Bayerl. 2,186,893; Jan. 9.
Fibrous materials, Dressing of. D. Pisarev. 2,219,490; Oct. 29.
Fibrous materials, Method of and apparatus for impregnating. D. J. Crowley. 2,193,861; Mar. 19.
Fibrous materials, Process of and apparatus for digesting. A. D. Merrill. 2,216,649; Oct. 1.
Fibrous materials, Protecting protein. R. E. Elmquist, H. Humfeld, and J. H. Kettering. 2,207,630; July 9.
Fibrous materials, Treating. K. Brodersen and M. Quaedvlieg. 2,186,894; Jan. 9.
Fibrous materials, Treatment of. K. Brodersen, M. Quaedvlieg, M. Zabel, and A. Schneider. 2,185,427; Jan. 2.
Fibrous materials, Treatment of. H. Ulrich, K. Kuespert and J. Sattler. 2,195,194; Mar. 26.
Fibrous molded products and materials, Making. M. Phillips and M. J. Goss. 2,190,909; Feb. 20.
Fibrous stock and making same, Shredded. B. J. Petricoff. 2,205,666; June 25.
Fibrous stock, Saturating. I. J. Novak. 2,218,547; Oct. 22.
Fibrous structures to form a connected fibrous band, Method and device for separating and uniting artificial. E. Hamel. 2,205,036; June 18.
Field divider. E. H. Land. 2,212,880; Aug. 27.
Field service method and apparatus. R. P. Herzog. 2,220,650; Nov. 5.
Field-structure for synchronous-electric motors. A. B. Poole. 2,191,220; Feb. 20.
Fifth wheel. E. C. Shriver. 2,193,744; Mar. 12.
Fifth wheel. H. A. Soulis. 2,188,727; Jan. 30.
Fifth wheel. S. B. Winn. 2,213,424; Sept. 3.
Fifth-wheel mechanism. C. B. Johnson. 2,213,221; Sept. 3.
Fifth wheel, Pressed steel. D. W. Sherman. 2,196,537; Apr. 9.
Figure article. M. Cohen. 2,217,102; Oct. 8.
Figure formed multicycle vehicle. L. Hartman. 2,225,560; Dec. 17.
Filament. C. Spaeth. 2,225,239; Dec. 17.
Filament capable of being dyed with wool and chrome dyestuffs, Artificial. E. Graumann and G.-A. Schröter. 2,195,210; Mar. 26.
Filament formation, Continuous. J. W. Allquist and O. Oppenlaender. 2,198,448; Apr. 23.
Filament joint for electric lamps. C. Severin. 2,227,324; Dec. 31.
Filament mounting apparatus. W. J. Geiger and R. J. Ayres. 2,208,970; July 23.
Filament, Synthetic. P. R. Austin. 2,226,529; Dec. 31.
Filament tensioning device. E. G. Guenther, J. B. Stevens, and W. J. Stolp. 2,211,328; Aug. 13.
Filament, Vacuum tube. E. C. Ewing, Jr. 2,226,281; Dec. 24.
Filaments and the like, Manufacture of artificial. H. Dreyfus. 2,222,797; Nov. 26.
Filaments, Apparatus for spinning and winding glass. J. Pink. 2,187,094; Jan. 16.
Filaments, bands, films, and other shaped articles composed of polymerization products of diene hydrocarbons, Hardening. H. I. Waterman and W. L. J. de Nie. 2,185,656; Jan. 2.
Filaments, fibers, yarns, and the like, Crimping of. W. I. Taylor and L. B. Gibbins. 2,216,142; Oct. 1.
Filaments from viscose, Manufacture and production of artificial. L. Rose. 2,227,367; Dec. 31.
Filaments, Handling of continuous. W. Pool. 2,224,922; Dec. 17.
Filaments into staple fibers, Conversion of continuous. 2,220,022–3; Oct. 29.
Filaments, Process and apparatus for handling elastic. F. J. Tobias. 2,199,550; May 7.
Filaments, Production of rubber or elastic yarn. T. L. Shepherd. 2,192,938; Mar. 12.
Filaments, threads, and the like, Process and apparatus for producing artificial. F. J. Collings. 2,215,391; Sept. 17.
Filamentary and argillaceous particles, Method of and apparatus for forming. E. T. Hermann. 2,213,041; Aug. 27.
Filamentary structures, Production of. A. Berne-Allen, Jr. 2,210,161; Aug. 6.
File. J. F. Crater. 2,214,954; Sept. 17.
File and attachment therefor. L. Stark. 2,187,997; Jan. 16.
File and holder therefor, Combination nail. A. E. Johnson. 2,215,877; Sept. 24.
File, Arch. J. A. Gibson. 2,207,192; July 9.
File, Economy. E. L. Kurth. 2,208,726; July 23.
File, Expanding. S. Scheinman. 2,201,547; May 21.
File, Gang. A. Arutunoff. 2,189,659; Feb. 6.
File holder. J. B. Fore. 2,193,400; Mar. 12.
File holding device. F. A. Eix. 2,208,837; July 23.
File, Map or document. E. S. Hunnicutt. 2,196,557; Apr. 9.
File, Mechanical. R. Barnes. 2,224,132; Dec. 10.
File or like grinding mechanism. L. J. Faulder. 2,212,999; Aug. 27.
File, Plan. C. B. Ulrich. 2,188,669; Jan. 30.
File, Protected card. S. S. Ehrenzweig. 2,187,113; Jan. 16.
File, Rotary. G. D. Huff. 2,200,421; May 14.
File signal. C. R. Chamberlin. 2,207,657; July 9.
File, Visible. E. H. Larsen. 2,226,519; Dec. 24.
Files, Dressing or redressing. L. J. Faulder. 2,217,045; Oct. 8.
Filing apparatus. R. P. Scholfield. 2,205,932; June 25.
Filing box, Storage. J. J. Carroll. 2,204,540; June 11.
Filing cabinet. J. R. Clark. 2,202,088; May 28.
Filing cabinet. G. E. Watkins. 2,201,948; May 21.
Filing device. M. C. Dew. 2,223,978; Dec. 3.
Filing device. J. R. Jones and C. L. Klofson. 2,207,014; July 9.
Filing device. H. A. Wardy. 2,220,562; Nov. 5.
Filing device, Card. W. H. Seeley. 2,185,869; Jan. 2.
Filling device for pocket pyrophoric lighters. A. Racek. 2,219,530; Oct. 29.
Filing machine, Convertible. L. A. Wilkie. 2,204,840; June 18.
Filing means, Large size vertical. H. L. De Lisle. 2,185,763; Jan. 2.
Filing system for photographic prints and files. A. A. Ainsworth. 2,218,305; Oct. 15.
Filing unit, Visible. C. W. Straubel. 2,195,943; Apr. 2.
Fill and vent box, Combination. O. C. Zachar. 2,218,371; Oct. 15.
Filler and capper apparatus, Bottle. C. A. Namur and C. M. Anderson. 2,186,651; Jan. 9.
Filler and flat for containers. K. K. Newsom. 2,187,751; Jan. 23.
Filler and making same. H. E. Bode. 2,188,494; Jan. 30.
Filler bunch machine, Short. H. E. Carlson. 2,226,370; Dec. 24.
Filler for grease guns. G. D. Brown. 2,218,598; Oct. 22.
Filler for Jordan engines. C. J. Steinbarger. 2,212,082; Aug. 20.
Filler for pulp refining engines. C. J. Steinbarger. 2,201,276; May 21.
Filler material for welding. A. R. Lytle. 2,186,115; Jan. 9.
Filler material for welding. A. R. Lytle. 2,186,117; Jan. 9.
Filler strip. S. Hammer. 2,217,365; Oct. 8.
Filling apparatus. G. A. Robinson. 2,189,018; Feb. 6.
Filling device for liquid fuel tanks. A. J. Higgins. 2,225,111; Dec. 17.
Filling end control. E. C. Nichols. 2,202,226; May 28.
Filling end parting and clamping mechanism. E. C. Nichols. 2,223,896; Dec. 3.
Filling machine. R. B. Bagby. 2,195,441; Apr. 2.
Filling machine. E. G. Bauer. 2,206,935; July 9.
Filling machine. V. R. Boulich. 2,186,358; Jan. 9.
Filling machine. R. F. Foster and R. S. Poole. 2,225,336; Dec. 17.
Filing machine. B. and T. Grob. 2,192,788; Mar. 5.
Filling machine. J. M. Hothersall and W. Pechy. 2,222,617; Nov. 26.
Filling machine. R. J. Stewart and W. I. Gladfelter. 2,202,033; May 28.
Filling machine. R. J. Stewart and H. J. Rever. 2,225,022; Dec. 17.
Filling machine. A. R. Thompson. 2,196,403; Apr. 9.
Filling machine and filling containers. L. P. Sinz. 2,187,332; Jan. 16.
Filling material for reaction spaces. A. M. Fairlie. 2,212,932; Aug. 27.
Filling replenishing loom. C. D. Brown. 2,202,186; May 28.
Filling stand. L. J. Pellerin. 2,215,836; Sept. 24.
Filling valve. R. W. Dinzl. 2,185,402; Jan. 2.
Filleting machine. O. G. Rieske. 2,210,955; Aug. 13.
Film-advancing device. H. J. Reardon. 2,200,342; May 14.
Film and its manufacture. M. W. Perrin, J. G. Paton, and E. G. Williams. 2,219,700; Oct. 29.
Film and making same, Three-color. W. T. Crespinel. 2,226,339; Dec. 24.
Film and process, Multicolor. V. B. Sease and J. R. Weber. 2,191,502; Feb. 27.
Film and process, Photographic color. J. G. Capstaff. 2,191,038; Feb. 20.
Film apparatus. J. J. Kotte. 2,213,250; Sept. 3.
Film apparatus. A. W. Tondreau. 2,202,127; May 28.
Film apparatus. A. W. Tondreau. 2,204,917; June 18.

Film apparatus. D. von Milhâly and R. Wehler. 2,194,879; Mar. 26.
Film, Apparatus for dispensing photographic ribbon. H. Small. 2,188,377; Jan. 30.
Film apparatus, Endless sound. D. von Mihâly. 2,196,348; Apr. 9.
Film bases, Coating of. H. T. Clarke. 2,221,019; Nov. 12.
Film casting element. H. E. Van Derhoef. 2,226,186; Dec. 24.
Film casting machine. R. B. Kenyon. 2,200,001; May 7.
Film container. W. Walter. 2,213,776; Sept. 3.
Film cutter. E. Kann. 2,187,655; Jan. 16.
Film developing and fixing reel. H. H. Chafvin. 2,218,392; Oct. 15.
Film developing machine. A. L. V. C. Debrie. 2,191,850; Feb. 27.
Film developing tank. C. J. Hughey. 2,186,927; Jan. 9.
Film-developing tank. W. B. Moore. 2,226,438; Dec. 24.
Film drier. R. Simmon. 2,191,163; Feb. 20.
Film driving and framing apparatus, Intermittent. P. F. Sperry. 2,214,186; Sept. 10.
Film driving mechanism. E. Ross. 2,217,183; Oct. 8.
Film editing apparatus, Folding. M. W. Bechtel. 2,218,256; Oct. 15.
Film feed for motion picture projectors, Intermittent. E. Vollenweider. 2,209,588; July 30.
Film feeding means, Claw. C. R. Hanna, W. O. Osbon, and K. A. Oplinger. 2,217,405; Oct. 8.
Film feeding mechanism. A. G. Mestler. 2,185,862; Jan. 2.
Film footage indicator. O. W. Githens, G. Kende, and E. M. Porter. 2,224,383; Dec. 10.
Film gate. K. Brenkert. 2,204,884; June 18.
Film gate. A. Kindelmann and H. F. Heidegger. 2,211,826; Aug. 20.
Film gate and feeding device. J. Méry. 2,218,763; Oct. 22.
Film gauge control. C. Lyng. 2,196,268; Apr. 9.
Film grate assembly. A. Kindelmann. 2,211,827; Aug. 20.
Film handling and apparatus therefor. B. A. Proctor. 2,194,481; Mar. 26.
Film guide structure for motion picture cameras. W. Schwenk. 2,225,021; Dec. 17.
Film hanger. N. E. Wilson. 2,186,891; Jan. 9.
Film holder. J. C. and B. G. Jeter. 2,215,397; Sept. 17.
Film holder. F. L. Talbot. 2,222,094; Nov. 19.
Film holding device. E. B. Rinard and W. S. Weeks. 2,221,265; Nov. 12.
Film magazine. I. N. Odell and F. M. Bailey. 2,188,690; Jan. 30.
Film magazine and apparatus for use therewith. W. D. Foster. 2,206,032; July 2.
Film magazine, Endless loop. J. L. Spence, Jr. 2,203,032; June 4.
Film magazine for cinamatographic cameras. P. G. Cazes. 2,195,268; Mar. 26.
Film magazine light trap. C. M. Miller. 2,223,525; Dec. 3.
Film marking apparatus. A. W. Tondreau. 2,199,764; May 7.
Film mechanism, Sound. A. G. Zimmerman. 2,219,731; Oct. 29.
Film pack, especially for dental films and the like. I. C. Rinn. 2,189,299; Feb. 6.
Film package. F. C. Miller, O. Wittel, and D. F. Lyman. 2,191,028; Feb. 20.
Film phonograph. J. L. Underhill. 2,193,082; Mar. 12.
Film, Photographic. W. H. Carothers. 2,216,735–6; Oct. 8.
Film, Photographic. R. S. Potter and L. Webster. 2,214,205; Sept. 10.
Film, Picture sound. J. Eggert and H. F. Nissen. 2,204,668; June 18.
Film plasticized with branched chain methyl butane diols, Organic solvent soluble cellulosic. W. H. Charch. 2,219,296; Oct. 29.
Film plasticized with glycol diglycolate, Organic solvent soluble cellulosic. W. D. R. Straughn. 2,207,702; July 16.
Film printer, Motion picture. B. C. Robertson. 2,206,333; July 2.
Film printer, Sound. L. T. Sachtleben. 2,203,879; June 11.
Film printing, Optical. E. Ross. 2,209,582; July 30.
Film processing apparatus. J. M. Blaney. 2,224,947; Dec. 17.
Film processing machine. J. G. Capstaff. 2,210,880; Aug. 13.
Film processing machine, Automatic. T. F. Winans. 2,194,345; Mar. 19.
Film processing tank. H. M. Carleton. 2,190,754; Feb. 20.
Film splices, Producing noiseless. E. J. Lytle. 2,207,298; July 9.
Film, Production of pigmented. G. F. Nadeau and E. R. Clearman. 2,218,249; Oct. 15.
Film projector for television. A. V. Bedford. 2,227,054; Dec. 31.
Film reel. E. L. Fischer. 2,189,547; Feb. 6.
Film reel. C. E. McAuley. 2,226,825; Dec. 31.
Film reel and drive mechanism. M. E. Collins. 2,224,899; Dec. 17.
Film reeler for cameras. H. L. Williams. 2,217,036; Oct. 8.
Film roll for cameras, Self-sealing. B. C. Roehrl. 2,188,779; Jan. 30.
Film sheet in photoengraving work, Method and apparatus for handling exposed. J. H. Hogan. 2,193,457; Mar. 12.
Film smoother. B. C. Miller. 2,189,738; Feb. 6.
Film, Sound picture. W. L. Dawson. 2,199,559; May 7.
Film speed equalizer. D. Canady. 2,198,403; Apr. 23.
Film, Stencil. A. A. Heath. 2,203,280; June 4.
Film strip handling apparatus. R. S. Otto. 2,212,617; Aug. 27.
Film structure and preparation. K. B. Blodgett. 2,220,860; Nov. 5.
Film, Subbing photographic. J. G. McNally. 2,196,775; Apr. 9.
Film, Subbing photographic. J. G. McNally and R. H. Van Dyke. 2,204,608; June 18.
Film, Substandard sound. M. Harper. 2,215,502; Sept. 24.
Film, Subtractive color. G. Heymer. 2,186,070; Jan. 9.
Film system, Sound. C. A. Kent. 2,195,701; Apr. 2.
Film treating apparatus. F. La Grande. 2,224,367; Dec. 10.
Film treatment. C. D. Bennes. 2,220,882; Nov. 12.
Film viewing apparatus, Picture. J. J. Dilks, Jr. 2,227,071; Dec. 31.
Film viewing device. I. Serrurier. 2,211,218; Aug. 13.
Film winder, Daylight. W. L. R. Lloyd. 2,219,722; Oct. 29.
Film winding and gate opening mechanism. A. E. Schubert. 2,213,746; Sept. 3.
Filming machine. P. C. P. and R. G. Booty. 2,218,129; Oct. 15.
Films and other materials impermeable to ultra-violet radiation. J. H. Rooney, A. J. Daly, and W. G. Lowe. 2,209,419; July 30.
Films, Apparatus for projecting color. J. Eggert and G. Heymer. 2,194,591; Mar. 26.
Films, Equalization of photographic band. J. Eggert and G. Heymer. 2,215,578; Sept. 24.
Films, Extinguishing burning motion picture. J. J. Sherwood and F. A. Pentland. 2,187,988; Jan. 23.
Films, filaments, and other shaped articles made by hardening proteins coagulated from their solutions. D. Traill. 2,189,481; Feb. 6.
Films from synthetic linear polymers, Forming. H. D. Foster. 2,212,770; Aug. 27.
Films, Making selenium rectifier. S. Wein. 2,186,085; Jan. 9.
Films, Making sound. E. Gerlach. 2,206,547; July 2.
Films, Method and apparatus for copying lenticular. A. H. J. de L. Saint Genies. 2,202,355; May 28.
Films, Method and apparatus for perforating motion picture. C. M. Tuttle and W. Bornemann. 2,206,138; July 2.
Films, Method and apparatus for the post-synchronization of. I. Gorochov. 2,209,267; July 23.
Films, Method and device for the manufacturing of sound. J. O. van Leer. 2,186,157; Jan. 9.
Films, Method of and device for the colored reproduction of films. S. Oehninger and W. Mühlau. 2,211,383; Aug. 13.
Films, Printing motion picture. C. L. Oswald and W. D. Foster. 2,213,531; Sept. 3.
Films, Producing sound. J. Eggert and A. Küster. 2,196,110; Apr. 2.
Films, Production of photographic color sound. J. Eggert, G. Heymer, and W. Schultze. 2,207,916; July 16.
Films, Projecting. K. Wahl. 2,211,185; Aug. 13.
Films, System for making and projecting stereo. W. Pistor and F. Köber. 2,216,960; Oct. 8.
Films to various bases, Transferring preformed. M. O. Schur and B. G. Hoos. 2,220,549; Nov. 5.
Films, Treatment of photographic. F. J. J. Stock. 2,213,827; Sept. 3.
Films, Varying the gradation of lenticulated color. W. Falta, E. Gretener, H. Neugebauer, and H. Staude. 2,216,004; Sept. 24.
Filter: *See*—
Air filter.
Air intake and filter.
Amplitude filter.
Band pass filter.
Coffee filter.
Crystal filter.
Dead-end filter.
Dust filter.
Electric filter.
Electric separating filter.
Electrical wave filter.
Electronic reactance wave filter.
Feedback amplifier filter.
Flue gas filter.
Fluid filter.
Gas filter.
Light filter.
Light filter, Synthetic
Liquid filter.
Macaroni filter.
Mechanical filter.
Multiple unit filter.
Nasal filter.
Oil filter.
Optical filter.
Photographic filter.
Pressure filter.
Rapid sand filter.
Renewable type filter.
Respirator filter.
Respiratory filter.
Rotary drum filter.
Rotary filter.
Variable width band-pass filter.
Wave filter.
X-ray filter.
Filter. O. B. Ackerly, Jr. 2,218,206; Oct. 15.
Filter. G. A. Arnold. 2,196,821; Apr. 9.
Filter. C. A. Bergmann. 2,197,120; Apr. 16.
Filter. C. A. Campbell. 2,189,704; Feb. 6.
Filter. F. J. Evans. 2,220,322; Nov. 5.

Filter. A. J. Gardner. 2,187,514; Jan. 16.
Filter. H. E. Grill and H. H. Feldstein. 2,207,618; July 9.
Filter. B. Hopper. 2,207,346; July 9.
Filter. O. A. Kehle. 2,204,017; June 11.
Filter. H. Laderer. 2,188,643; Jan. 30.
Filter. G. E. Lofgren. 2,190,103; Feb. 13.
Filter. H. F. Oswald. 2,221,993; Nov. 19.
Filter. H. R. Tear. 2,185,281; Jan. 2.
Filter. D. R. Trinkle. Re. 21,639; Nov. 26.
Filter. C. G. Vokes. 2,198,189–90; Apr. 23.
Filter. L. W. Williams. 2,218,226; Oct. 15.
Filter. L. W. Williams. 2,218,800; Oct. 22.
Filter. L. W. Williams. 2,225,813; Dec. 24.
Filter. L. W. Williams and G. A. Arnold. 2,201,418; May 21.
Filter. E. L. Wood. 2,190,965; Feb. 20.
Filter and making the same. L. H. Talmadge. 2,188,488; Jan. 30.
Filter and oil recharge. F. W. Manning. 2,218,339; Oct. 15.
Filter and press, Combined. C. W. Gordon. 2,226,926; Dec. 31.
Filter and sound gate mechanism. O. J. Holmes. 2,225,219; Dec. 17.
Filter and trap for plumbing fixtures. E. Millard, H. W. Wetmore, and E. Ray. 2,220,772; Nov. 5.
Filter arrangement, Band-pass. E. Klotz. 2,206,096; July 2.
Filter arrangement, Electrical. N. M. Rust and J. D. Brailsford. 2,210,384; Aug. 6.
Filter attachments, Polarizing. H. Sauer, G. Henkel and H. Bartels. 2,194,523; Mar. 26.
Filter-bag-attaching device. P. Rabatin. 2,193,778; Mar. 12.
Filter bag head. L. A. Fitzgerald. 2,202,049; May 28.
Filter bed cleaning. C. Lose, Jr. 2,195,415; Apr. 2.
Filter bed cleaning. C. Lose, Jr. 2,224,191; Dec. 10.
Filter bed cleaning. F. L. Pruyn. 2,197,770; Apr. 23.
Filter body in a well, Method and apparatus for placing a. J. M. Reynolds, W. M. Newton, and J. T. Ledbetter. 2,207,334; July 9.
Filter cake reinforcement. J. H. Fedeler, Jr. 2,198,912; Apr. 30.
Filter cloth and method, Oil press. C. B. White. 2,208,825; July 23.
Filter device for control valves. F. H. Schoenfeld. 2,189,594; Feb. 6.
Filter device, Multiple. S. Palkin. 2,198,175; Apr. 23.
Filter element. W. P. Yant. 2,206,684; July 2.
Filter element, Porous metal. J. H. Davis. 2,220,641; Nov. 5.
Filter fabric, Method and apparatus for making. F. W. Manning. 2,218,338; Oct. 15.
Filter flow device. N. M. Nesset. 2,186,987; Jan. 16.
Filter for all fluids, Large surface. D. Dreiss. 2,210,397; Aug. 6.
Filter for dry cleaner solvents. L. E. Soderquist. 2,221,210; Nov. 12.
Filter for filtering liquids. M. Bonotto. 2,188,673; Jan. 30.
Filter for individual percolators, Coffee. J. Schleyer. 2,224,409; Dec. 10.
Filter for photomechanical processes, Color. J. A. C. Yule. 2,221,037; Nov. 12.
Filter for pulsating gases, Surge. R. L. Leadbetter. 2,189,423–5; Feb. 6.
Filter for radio receivers, Antiparasite. L. Gabrilovitch. 2,220,443; Nov. 5.
Filter for the photography and projection of colored pictures. H. Sauer. 2,199,715; May 7.
Filter for thermionic valve amplifiers, Electric wave. W. S. Percival. 2,226,739; Dec. 31.
Filter-forming machine. R. L. Irwine. 2,213,585; Sept. 3.
Filter glass holder. F. M. Bowers. 2,186,817; Jan. 9.
Filter grip for cigarette holders. E. Lackow and M. Prozan. 2,185,598; Jan. 2.
Filter holding box. O. Kellner. 2,218,884; Oct. 22.
Filter installation and filtering procedure. J. H. Fedeler, Jr. 2,197,610; Apr. 16.
Filter layer for photographic color films and plates. G. Wilmanns and W. Schneider. 2,220,187; Nov. 5.
Filter layer, Photographic. G. Wilmanns, W. Schneider and A. Froehlich. 2,205,870; June 25.
Filter means and making same. A. E. Schaaf, G. M. Walton, and C. J. Glanzer. 2,190,683; Feb. 20.
Filter means and making same. A. E. Schaaf, G. M. Walton, C. J. Glanzer. 2,190,886; Feb. 20.
Filter of variable band width, Crystal. H. Goering. 2,218,087; Oct. 15.
Filter of wide frequency range, Band-pass. G. Weber. 2,219,027; Oct. 22.
Filter pack. J. Colas. 2,190,014; Feb. 13.
Filter pack and method of and apparatus for making same. O. Dahl and S. D. Osborn. 2,203,815; June 11.
Filter press. A. L. Bausman. 2,216,484; Oct. 1.
Filter press. R. Seligman and H. F. Goodman. 2,186,501; Jan. 9.
Filter press filler block. T. E. Raymond. 2,185,314; Jan. 2.
Filter press, Multichamber. E. W. Malkin. 2,192,868; Mar. 5.
Filter screen. T. J. Clark. 2,205,758; June 25.
Filter system for controlled rectifiers. W. P. Overbeck. 2,214,773; Sept. 17.
Filter system for multiple channel amplifiers. V. D. Landon and G. L. Grundmann. 2,196,266; Apr. 9.
Filter tubes, Flushing. O. E. Giese. 2,211,892; Aug. 20.
Filter-unit forming machine. G. A. Arnold. 2,226,961; Dec. 31.
Filter with inductive shunt, Piezoelectric crystal. N. M. Rust. 2,204,702; June 18.
Filterer, Pipe bowl lining. W. E. Forrester. 2,201,526; May 21.
Filtering. W. H. Alton. 2,202,806; May 28.
Filtering. W. H. Alton. 2,205,331; June 18.
Filtering. L. A. Tarbox and W. H. Barcus. 2,191,403; Feb. 20.
Filtering apparatus. H. C. Tingey. 2,202,932; June 4.
Filtering apparatus. H. A. Wieneke. 2,227,239; Dec. 31.
Filtering apparatus, Liquid. E. S. Holm. 2,198,819; Apr. 30.
Filtering apparatus, Visible. J. H. Krieck. 2,200,795; May 14.
Filtering device. F. J. Fieser. 2,192,968; Mar. 12.
Filtering device. G. R. McCormick and R. G. Russell. 2,208,135; July 16.
Filtering device for sterilized liquids. M. C. Schwab. 2,222,123; Nov. 19.
Filtering machine. C. C. Schaefer. 2,185,868; Jan. 2.
Filtering, Means for and method of. H. B. Babson and C. A. Thomas. 2,196,848; Apr. 9.
Filtering medium, Microporous rubber. A. E. Brooks. 2,185,586; Jan. 2.
Filtering system, device used therein, and method of filtration. W. C. Laughlin. 2,217,689; Oct. 15.
Filtering unit and making the same. L. W. Williams. 2,186,440; Jan. 9.
Filtering unit cleaner. H. J. McDevitt. 2,194,606; Mar. 26.
Filtering unit cleaner. H. J. McDevitt. 2,226,870; Dec. 31.
Filters and conditioners, Air and other. G. H. Fraser. 2,225,628; Dec. 24.
Fin-drum drier. A. G. Blank. 2,209,257; July 23.
Finned tube. E. G. Lehman. 2,189,652; Feb. 6.
Finder device. H. Sauer. 2,187,057; Jan. 16.
Findings for pin stems, Making. E. Morehouse. 2,221,429; Nov. 12.
Fine-grading machine. R. D. Baker. 2,186,059; Jan. 9.
Fine screen. L. G. Symons. 2,192,279; Mar. 5.
Finger attachment. J. E. Smith. 2,225,571; Dec. 17.
Finger board for stringed musical instruments. F. J. Alyn. 2,225,613; Dec. 24.
Finger clip, Antiskid. G. H. Rives. 2,203,308; June 4.
Finger exercising device. C. T. Marsh. 2,222,180; Nov. 19.
Fingernail cleaning composition. H. M. Carter. 2,197,630; Apr. 16.
Fingernail trimming machine. T. R. Smith. 2,210,267; Aug. 6.
Fingerpiece mounting. J. N. Nelson. 2,195,897; Apr. 2.
Finger ring. R. Baden. 2,223,657; Dec. 3.
Finger ring, Bimetallic. W. E. Eccles. 2,205,006; June 18.
Finger structure and supporting bar for hop picking machines. E. Thys. 2,191,183; Feb. 20.
Finish for receptacles, Surface. E. Schultz and C. A. Rohner. 2,210,637; Aug. 6.
Finish grinding mechanism. K. Rabe. 2,207,268; July 9.
Finisher, Mechanical cement. H. D. Johnson. 2,194,754; Mar. 26.
Finishing and polishing apparatus. A. M. Fleming. 2,215,692; Sept. 24.
Finishing and polishing method and equipment. C. J. Lippold. 2,187,131; Jan. 16.
Finishing apparatus and method. D. A. Wallace. 2,195,065; Mar. 26.
Finishing composition. T. McCreery. 2,189,530; Feb. 6.
Finishing machine. E. O. Klaas and E. H. Myers. 2,194,757; Mar. 26.
Finishing system. E. F. Oeffinger and H. G. Stauffer. 2,201,914; May 21.
Finisher, Cement floor. M. E. Whiteman. 2,198,929; Apr. 30.
Fire alarm. J. W. Herman and G. M. Ohmann. 2,217,551; Oct. 8.
Fire alarm system. A. C. Donovan. 2,217,797; Oct. 15.
Firearm. V. A. Browning. 2,203,378; June 4.
Firearm. E. S. Pomeroy. 2,216,022; Sept. 24.
Firearm. E. G. Reising. 2,224,928; Dec. 17.
Firearm. F. J. Routledge. 2,185,523; Jan. 2.
Firearm. C. A. Young. 2,200,868; May 14.
Firearm, Automatic. M. Birkigt. 2,199,871–2; May 7.
Firearm, Automatic. E. E. Garland. 2,189,202; Feb. 6.
Firearm, Automatic. V. Holek. 2,223,004; Nov. 26.
Firearm, Automatic. M. M. Johnson, Jr. 2,215,470; Sept. 24.
Firearm, Bolt-action. C. G. Swebilius. 2,214,071; Sept. 10.
Firearm construction. J. L. Marchand. 2,205,857; June 25.
Firearm, Gas-operated. F. Gebauer. 2,186,582; Jan. 9.
Firearm, Gas operated automatic. F. N. Bröndby. 2,223,671; Dec. 3.
Firearm, Repeating. J. E. Browning. 2,196,852; Apr. 9.

Firearm safety. M. K. Clifton. 2,195,693; Apr. 2.
Firearm, Tubular magazine. C. G. Swebilius. 2,203,035; June 4.
Firearms, Device for varying the amount of recoil in. R. H. S. Hughes. 2,191,484; Feb. 27.
Firearms, Gas-operated automatic. J. E. Browning. 2,211,405; Aug. 13.
Firebox, Locomotive boiler. G. J. Christenson. 2,216,227–8; Oct. 1.
Firebrick and making same. E. H. Van Schoick. 2,219,606; Oct. 29.
Firebrick wall construction. W. A. Waite. 2,212,411; Aug. 20.
Fire control device. E. W. Chafee and B. A. Wittkuhns. 2,206,875; July 9.
Fire control for steam plant operation. W. H. Holby. 2,196,700; Apr. 9.
Fire control mechanism for firearms. E. S. Pomeroy. 2,213,348; Sept. 3.
Fire-detecting cable. W. G. Holmes. 2,185,944; Jan. 2.
Fire detector. R. C. Towne. 2,185,361; Jan. 2.
Fire detector and extinguisher. W. J. Mountford. 2,214,307; Sept. 10.
Fire engine. A. G. Sheppard. 2,209,666; July 30.
Fire escape. T. A. Barham. 2,205,026; June 18.
Fire escape. C. H. Diehl and D. C. Samels. 2,211,259; Aug. 13.
Fire escape. R. Haybeck. 2,220,239; Nov. 5.
Fire escape. H. C. Zent. 2,223,980; Dec. 3.
Fire escape, Retractable. J. Schultz, R. E. McGrillis, and W. C. Coaty. 2,210,182; Aug. 6.
Fire extinguisher. R. E. Alexander. 2,207,965; July 16.
Fire extinguisher. S. E. Allen. 2,206,541; July 2.
Fire extinguisher. W. G. Axtell and R. E. Fraseur. 2,208,490; July 16.
Fire extinguisher. F. A. Dodelin. 2,211,849; Aug. 20.
Fire extinguisher. P. P. Eagle. 2,219,178; Oct. 22.
Fire extinguisher. G. E. Ferguson. 2,204,798; June 18.
Fire extinguisher. R. C. Iddings. 2,213,765; Sept. 3.
Fire extinguisher. A. V. Martin. 2,187,980; Jan. 23.
Fire extinguisher. W. L. Roessner. 2,195,826; Apr. 2.
Fire extinguisher. W. L. Roessner. 2,218,855; Oct. 22.
Fire extinguisher. H. V. Saffell. 2,225,320; Dec. 17.
Fire extinguisher. E. Schnabel. 2,222,267; Nov. 19.
Fire extinguisher. A. E. Tomkin. 2,219,096; Oct. 22.
Fire extinguishing and alarm system. J. Edmundson. 2,222,365; Nov. 19.
Fire extinguishing apparatus. F. L. Boyd. 2,216,509; Oct. 1.
Fire extinguishing apparatus. E. Geertz. 2,202,343; May 28.
Fire extinguishing apparatus. P. A. Stover. 2,220,299; Nov. 5.
Fire extinguisher method and apparatus. H. Ensminger. 2,216,071; Sept. 24.
Fire extinguishing compound. K. Friedrich. 2,212,470; Aug. 20.
Fire extinguishing equipment. Le R. Ashmore. 2,205,710; June 25.
Fire extinguishing foam, Generating and distributing. R. M. and G. G. Urquhart. 2,198,585; Apr. 23.
Fire extinguishing foam, Producing. L. G. M. Timpson. 2,193,541; Mar. 12.
Fire extinguishing foam, Production of. H. F. Hansen-Ellehammer. 2,201,040; May 14.
Fire extinguishing means. R. G. Guthrie. 2,212,735; Aug. 27.
Fire extinguishing mediums, Method of and apparatus for discharging. E. Geertz. 2,209,264; July 23.
Fire extinguishing system. J. Edmundson. 2,207,662; July 9.
Fire extinguishing system. E. A. Lowe and J. R. Hamilton. 2,196,592; Apr. 9.
Fire hose cabinet. C. A. Cornell. 2,214,761; Sept. 17.
Fireplace. J. S. Dugan. 2,212,015; Aug. 20.
Fireplace. A. R. Fredlund. 2,185,788; Jan. 2.
Fireplace. W. Gersten. 2,210,580; Aug. 6.
Fireplace accessory. P. M. Kalmis. 2,217,954; Oct. 15.
Fireplace boiler. C. H. Ham. 2,185,665; Jan. 2.
Fireplace construction. M. L. Heinz. 2,223,763; Dec. 3.
Fireplace construction. M. Monroe. 2,186,649; Jan. 9.
Fireplace heater. M. J. Morgan. 2,196,934; Apr. 9.
Fireplace heater attachment. W. T. Harris. 2,196,795; Apr. 9.
Fireplace unit, Collapsible. C. W. Apgar and A. L. Rosenfeld. 2,219,507; Oct. 29.
Fire preventing and extinguishing apparatus. A. Mathisen. 2,189,147; Feb. 6.
Fireproofing cellulosic fibrous materials. R. R. Oliver. 2,185,695; Jan. 2.
Fireproofing composition. W. Herz. 2,225,831; Dec. 24.
Fireproofing member, Composite. J. H. Young and P. W. Jenkins. 2,218,965; Oct. 22.
Fire protection device for motion picture projectors. E. May. 2,227,269; Dec. 31.
Fire quenching and minimizing apparatus, Film. G. W. Hanlon. 2,188,657; Jan. 30.
Fire stop for apparatus racks. R. B. Ramsey. 2,189,993; Feb. 13.
Fires, Extinguishing. H. Ensminger. 2,216,072; Sept. 24.
Firing mechanism for automatic firearms. V. Holek. 2,188,046; Jan. 23.
Firing mechanism for automatic firearms. V. Holek. 2,216,412; Oct. 1.
Fish canning machine. H. J. Paynter and W. E. Rooney. 2,189,831; Feb. 13.
Fish-canning machine. W. E. Rooney. 2,226,019; Dec. 24.
Fish carrier. C. R. Shannon. 2,200,044; May 7.
Fish casting rod. J. Hagen. 2,216,341; Oct. 1.
Fish catcher, Automatic. D. Allison. 2,204,560; June 18.
Fish-cleaning machine. P. Danielsson. 2,204,124; June 11.
Fish entrails extractor. H. R. McGrew. 2,192,838; Mar. 5.
Fish fillet skinning machine and method. R. Baader and K. F. Schlichting. 2,215,114; Sept. 17.
Fish-filleting machine. L. M. Durand. 2,210,234; Aug. 6.
Fish holding device. A. R. Curtis and J. Stechauner. 2,197,206; Apr. 16.
Fishhook. W. J. Broz. 2,208,069; July 16.
Fishhook. H. H. Hathaway. 2,215,612; Sept. 24.
Fishhook. G. A. Kowalski. 2,193,103; Mar. 12.
Fishhook. W. E. Krumdick. 2,211,064; Aug. 13.
Fishhook. M. L. Lockridge. 2,204,278; June 11.
Fishhook. W. O. Maurer. 2,189,496; Feb. 6.
Fishhook. W. O. Maurer. 2,218,046; Oct. 15.
Fishhook. W. S. Peterson. 2,192,800; Mar. 5.
Fishhook. O. E. Shipman. 2,209,300; July 23.
Fishhook. L. Ward. 2,217,928; Oct. 15.
Fishhook. E. L. and G. E. Wirth. 2,222,554; Nov. 19.
Fishhook and snell. W. L. Hovey. 2,206,321; July 2.
Fishhook extractor. G. G. Phillips. 2,215,275; Sept. 17.
Fishhook guard. W. G. Knapp. 2,185,507; Jan. 2.
Fishhook holder. H. C. Buicke. 2,190,647; Feb. 20.
Fishhook mounting. C. A. Scogland and P. H. Sanders. 2,198,043; Apr. 23.
Fishhook release trigger. A. Binkowski. 2,223,946; Dec. 3.
Fishhook, Weedless. R. G. Wiard. 2,195,347; Mar. 26.
Fishhooks. O. W. Ball. 2,225,965; Dec. 24.
Fishline float. D. H. Storey. 2,220,358; Nov. 5.
Fish lure. E. H. Bobo. 2,217,789; Oct. 15.
Fish lure. S. F. Davenport. 2,189,487; Feb. 6.
Fish lure. W. J. De Witt. 2,186,780; Jan. 9.
Fish lure. H. F. J. Edgar. 2,218,421; Oct. 15.
Fish lure. W. R. Finucan. 2,218,259; Oct. 15.
Fish lure. J. W. Harvey. 2,216,688; Oct. 1.
Fish lure. J. D. Hosmer. 2,221,381; Nov. 12.
Fish lure. B. S. Hurdle. 2,185,668; Jan. 2.
Fish lure. A. B. Jacobson. 2,201,267; May 21.
Fish lure. K. R. Larson. 2,187,609; Jan. 16.
Fish lure. L. Mann. 2,185,771; Jan. 2.
Fish lure. G. Mesaros. 2,226,065; Dec. 24.
Fish lure. A. O. Middlemiss. 2,189,958; Feb. 13.
Fish lure. W. C. Miles. 2,215,971; Sept. 24.
Fish lure. J. M. Shannon. 2,203,473; June 4.
Fish lure. J. D. Vecchia. 2,215,772; Sept. 24.
Fish lure. J. M. Withey. 2,223,475; Dec. 3.
Fish lure and determining the proper coloring thereof. P. J. Jennings. 2,188,753; Jan. 30.
Fish lure, Artificial. A. C. Accetta. 2,208,827; July 23.
Fish lure, Artificial. R. S. Gunderson. 2,209,161; July 23.
Fish lure or bait. P. M. Eaby. 2,214,409; Sept. 10.
Fish lure winder. J. W. Harvey. 2,220,878; Nov. 12.
Fish, Removing bones from. W. A. Gibbs. 2,203,566; June 4.
Fishskin, Thin colored. E. Goerk. 2,210,581; Aug. 6.
Fish stringer. F. J. Hirschmann. 2,226,402; Dec. 24.
Fish trap. E. Lile. 2,196,928; Apr. 9.
Fish treating machine. H. E. Rue. 2,208,644; July 23.
Fish-treating machine. C. M. Savrda. 2,208,645; July 23.
Fishing apparatus. M. J. Moriarty. 2,196,472; Apr. 9.
Fishing apparatus. S. M. Rowe. 2,217,820; Oct. 15.
Fishing appliance. A. J. John. 2,206,569; July 2.
Fishing bob. W. S. Goertzen. 2,225,214; Dec. 17.
Fishing device. E. W. Biddinger. 2,195,356; Mar. 26.
Fishing device. A. Joabson. 2,194,088; Mar. 19.
Fishing device. J. B. Paxton. 2,203,618; June 4.
Fishing device. A. J. St. George. 2,189,478; Feb. 6.
Fishing device. A. W. and H. E. Simmons. 2,196,784; Apr. 9.
Fishing float. D. Allison. 2,221,437; Nov. 12.
Fishing float. G. Borneman. 2,203,252; June 4.
Fishing float. B. P. Chreitzberg. 2,190,113; Feb. 13.
Fishing float attachment. I. M. Hampton. 2,223,823; Dec. 3.
Fishing gear. A. D. Hill, Jr. 2,185,666; Jan. 2.
Fishing hook. H. H. Hathaway. 2,215,613; Sept. 24.
Fishing leader. J. R. Skoverski. 2,201,351; May 21.
Fishing leader, Self-striking. L. E. Welch. 2,200,651; May 14.
Fishing line bob. W. S. Goertzen. 2,193,404; Mar. 12.
Fishing line, Floating. R. Ledrich. 2,215,760; Sept. 24.
Fishing line reel. W. Springer. 2,201,305; May 21.
Fishing line sinker. F. J. Stevermer. 2,225,805; Dec. 24.
Fishing lure. W. E. Haselwood. 2,224,389; Dec. 10.
Fishing lure. H. C. Starkey. 2,192,563; Mar. 5.
Fishing lure. E. E. White. 2,225,676; Dec. 24.
Fishing lure, Intermittently flashing illuminated. W. and M. Seigle. 2,217,565; Oct. 8.
Fishing plug. W. W. Hargrett. 2,200,670; May 14.
Fishing pole. C. V. Buddenbrock. 2,187,849; Jan. 23.
Fishing pole tip. R. E. Lee. 2,226,295; Dec. 24.
Fishing reel. V. E. Babcock. 2,197,675; Apr. 16.
Fishing reel P. Catucci. 2,201,476; May 21.

Fishing reel. J. A. Coxe. 2,209,598; July 30.
Fishing reel. J. M. Dayton. 2,204,125; June 11.
Fishline reel. N. Fries. 2,196,765; Apr. 9.
Fishing reel. O. Henze. 2,190,786; Feb. 20.
Fishing reel. O. Henze. 2,204,082; June 11.
Fishing reel. F. A. King. 2,219,322; Oct. 29.
Fishing reel. J. D. Kreis. 2,197,366; Apr. 16.
Fishing reel. H. F. Maynes. 2,220,017; Oct. 29.
Fishing reel. R. P. McMahon. 2,198,257; Apr. 23.
Fishing reel. N. Polikoff and W. Gunner. 2,200,779; May 14.
Fishing reel. J. V. Schafer. 2,198,231; Apr. 23.
Fishing reel. W. S. Torrence. 2,221,852; Nov. 19.
Fishing reel. W. F. Watson. 2,194,578; Mar. 26.
Fishing reel. R. D. West. 2,219,500; Oct. 29.
Fishing reel. L. W. Whitcomb. 2,191,004; Feb. 20.
Fishing reel anchoring means. C. D. Stephens. 2,198,588; Apr. 23.
Fishing-reel brake. R. E. Wilson. 2,205,641; June 25.
Fishing reel, Level wind. S. G. Russell and E. D. Clickner. 2,208,805; July 23.
Fishing reel mechanism. F. M. Grieten. 2,220,519; Nov. 5.
Fishing rod. J. T. Crandall. 2,210,231; Aug. 6.
Fishing rod. L. A. Muckey. 2,187,807; Jan. 23.
Fishing rod and reel attachment. O. J. Gulbrandsen. 2,190,984; Feb. 20.
Fishing rod handle. L. E. Dempsey. 2,219,474; Oct. 29.
Fishing rod holder. J. B. Hadaway. 2,220,234; Nov. 5.
Fishing rod holder. W. T. Legg. 2,200,183; May 7.
Fishing rod holder. L. Pachner. 2,215,618; Sept. 24.
Fishing rod holder. R. P. Parisio. 2,204,692; June 18.
Fishing rod holder. S. Witczak. 2,199,034; Apr. 30.
Fishing rod, Jointed seamless. R. H. Cowdery and J. K. Kinnear. 2,196,743; Apr. 9.
Fishing rod support. E. V. Kilby. 2,202,739; May 28.
Fishing rod support. A. Lefebvre. 2,211,278; Aug. 13.
Fishing rod tip, Antifriction. F. W. Sebrean and M. A. Jardine. 2,199,861; May 7.
Fishing rod winding machine. W. S. Torrence. 2,218,995; Oct. 22.
Fishing spear and spud equipment, Combination. J. D. Scramlin. 2,194,618; Mar. 26.
Fishing tackle. E. I. Baker. 2,222,277; Nov. 19.
Fishing tackle. H. F. Blommé. 2,219,886; Oct. 29.
Fishing tackle. G. A. Burgin. 2,224,471; Dec. 10.
Fishing tackle. E. R. Evenson. 2,219,983; Oct. 29.
Fishing tackle. F. E. Fender. 2,189,979; Feb. 13.
Fishing tackle. P. E. Wiberg. 2,206,274; July 2.
Fishing tackle. L. V. Wise. 2,191,244; Feb. 20.
Fishing tool. H. Deckard. 2,210,902; Aug. 13.
Fishing tool. C. J. Gallagher. 2,201,434; May 21.
Fishing tool. C. Gauthier. 2,211,973. Aug. 20.
Fishing tool. P. M. Rea. 2,218,267; Oct. 15.
Fishing tool. J. F. White. 2,199,298; Apr. 30.
Fitting. J. E. Frances. 2,202,312; May 28.
Fitting. E. H. Taylor. 2,208,821; July 23.
Fitting, Adjustable grease. E. F. Urban. 2,215,339; Sept. 17.
Fitting, Adjustable lubricating. F. H. Ehnts. 2,217,739; Oct. 15.
Fitting, Bypass. O. P. Yowell. 2,191,702; Feb. 27.
Fitting, Coated. M. D. Bergan. 2,223,202; Nov. 26.
Fitting, Drainage. E. W. N. Boosey. 2,201,711; May 21.
Fitting for cord sets, Electrical. R. Knapp. 2,190,363; Feb. 13.
Fitting for fixing skins to skis. D. Mattheé and F. Genecand. 2,189,760; Feb. 13.
Fitting for jars, bottles, cans, boxes, showcases, and other hollow articles, Internal. W. Walsh. 2,222,160; Nov. 19.
Fitting for thermal systems, Air cushion. E. S. Cornell, Jr. 2,220,079; Nov. 5.
Fitting for thermometer bulbs, Sanitary. A. Noble. 2,188,515; Jan. 30.
Fitting, Gusseted. F. E. Flader. 2,189,201; Feb. 6.
Fitting, Lubricating. F. H. Ehnts. 2,217,740; Oct. 15.
Fitting, Making lubricant receiving. G. F. Thomas, F. A. Ross, and J. Bystricky. 2,210,107; Aug. 6.
Fitting, Orifice. P. S. Harper and G. F. Turner. 2,213,812; Sept. 3.
Fittings in the form of adapters or the like, Producing. E. M. Cartwright. 2,225,902; Dec. 24.
Fittings, Mechanico-fluid-pressure method of producing lateral-provided. E. S. Cornell, Jr. 2,206,741; July 2.
Fittings, Producing welded metal. W. J. Wachowitz. 2,223,648; Dec. 3.
5-Sulphonamides of 2-hydroxypyridines. C. Naegeli. 2,211,702; Aug. 13.
Fixture. D. Marsh. 2,215,331; Sept. 17.
Fixture, Illuminating. D. Curtis. 2,198,077; Apr. 23.
Fixture, Work-holding. J. W. Dearborn. 2,186,236; Jan. 9.
Flag and banner holder. T. P. Eichelsdoerfer and J. W. Beck. 2,209,875; July 30.
Flag and flagpole holder. W. F. Hogan. 2,191,075; Feb. 20.
Flag holder. D. W. Chandler. 2,208,358; July 16.
Flag holder. F. Einermann. 2,225,103; Dec. 17.
Flag support. J. G. Bricker. 2,192,635; Mar. 5.
Flame arrester. R. E. Connell. 2,186,752; Jan. 9.
Flame arresting device. G. H. Jett. 2,220,720; Nov. 5.
Flame cutting method and machine. A. W. Davis. 2,187,731; Jan. 23.
Flame-diffuser and heat-retainer device for furnaces. G. Faulds. 2,186,374; Jan. 9.
Flame hardening. C. Mott and M. L. Whaley. 2,218,827; Oct. 22.
Flame-operable switch. J. J. Anderton. 2,219,973; Oct. 29.
Flameproof composition. M. E. Cupery. 2,212,152; Aug. 20.
Flange jack. H. Persson. 2,213,227; Sept. 3.
Flange oiler. A. and P. Tecca. 2,190,554; Feb. 13.
Flange or divider for drilling drums, Parting. W. C. Sole. 2,212,798; Aug. 27.
Flanging machine. H. Embree. 2,194,114; Mar. 19.
Flanging the edge of a round opening. M. Wiest. 2,193,050; Mar. 12.
Flap-applying machine. H. J. Willmott. 2,198,692; Apr. 30.
Flap, Extendible slotted deflector. O. C. Koppen. 2,188,083; Jan. 23.
Flap for airplanes, Split wing. J. S. Weatherbee. 2,222,187; Nov. 19.
Flap molding machine, Breast. M. Cuozzo. 2,203,775; June 11.
Flaps on aircraft, Shifting. H. Rebeski. 2,202,430; May 28.
Flare. L. L. Driggs, Jr. 2,198,697; Apr. 30.
Flare casing and method of sealing. L. L. Driggs, Jr. 2,201,482; May 21.
Flare, Fuse. P. E. Damon. 2,185,800; Jan. 2.
Flare machine. L. J. Witte and B. H. Southland. 2,224,452; Dec. 10.
Flare, Signal. A. F. Godfrey and R. Wedgwood. 2,199,990; May 7.
Flaring tool. A. C. Dobrick. 2,226,852; Dec. 31.
Flash control system for electric ranges and the like, Load limiting. J. W. Myers. 2,213,993; Sept. 10.
Flash lamp. M. Pipkin. 2,199,857; May 7.
Flashlight. G. C. Barbee. 2,221,126; Nov. 12.
Flashlight. L. W. Blau. 2,205,163; June 18.
Flashlight. M. D. Burgess. 2,198,525; Apr. 23.
Flashlight. A. J. Desimone. 2,204,752; June 18.
Flashlight. A. J. Desimone. 2,225,825; Dec. 24.
Flashlight. H. Rothenberg and L. C. Grimsley. 2,212,103; Aug. 20.
Flashlight. R. G. Williams. 2,225,936; Dec. 24.
Flashlight. O. T. Wood. 2,210,312; Aug. 6.
Flashlight. O. T. Wood. 2,213,660; Sept. 3.
Flashlight. O. T. Wood. 2,226,353; Dec. 24.
Flashlight and battery case, Combination. A. V. Olson. 2,197,314; Apr. 16.
Flashlight apparatus. A. Malkin. 2,216,443; Oct. 1.
Flashlight apparatus. P. Olds. 2,205,860; June 25.
Flashlight attachment. O. G. Evans. 2,215,829; Sept. 24.
Flashlight construction. J. J. Walsh. 2,194,992; Mar. 26.
Flashlight device. S. Osterman. 2,225,405; Dec. 17.
Flashlight, Double reflector. A. C. Hoffman. 2,218,678; Oct. 22.
Flashlight holder. G. F. J. Cusimano. 2,220,220; Nov. 5.
Flashlight lamp. P. Schwarze. 2,197,733; Apr. 16.
Flashlight, Repeating photographic. G. Werner. 2,200,350; May 14.
Flashlight switch. W. J. Officer and O. T. Wood. 2,197,941; Apr. 23.
Flashlight, Two-tone reflector. J. F. Ayotte. 2,188,129; Jan. 23.
Flasher. C. H. Larson. 2,208,274; July 16.
Flasher mechanism for electric range units and the like, Combined thermostatic and time-controlled. J. W. Myers. 2,207,870; July 16.
Flashing. F. L. Hoess. 2,225,992; Dec. 24.
Flashing block. W. H. F. Garloff. 2,196,552; Apr. 9.
Flask. J. F. Hines. 2,224,961; Dec. 17.
Flask and stopper therefor. F. A. and R. K. Cutter. 2,190,054; Feb. 13.
Flask, Dental. O. C. Malsch. 2,188,415; Jan. 30.
Flask filling apparatus. W. E. Naylor. 2,190,457; Feb. 13.
Flask, Foundry. H. S. Garrett. 2,218,195; Oct. 15.
Flask, Foundry. J. F. Hines. 2,223,563; Dec. 3.
Flatiron. E. E. Arnold and W. J. Russell. 2,222,192; Nov. 19.
Flatiron. S. D. Brownlea and J. G. MacDonald. Re. 21,577; Sept. 24.
Flatiron. H. C. Davis. 2,203,276; June 4.
Flatiron. A. Ronning. 2,200,455; May 14.
Flatiron, and thermostatic device for controlling the same, Automatic. F. and J. Reingruber. 2,201,115; May 14.
Flatiron, Electric. B. A. Benson. 2,224,500; Dec. 10.
Flatiron, Electric. A. O. Samuels. 2,208,432; July 16.
Flatiron stand. A. J. Towler. 2,201,598; May 21.
Flat knitting frame. M. Nebel. 2,192,556; Mar. 5.
Flat surfaces, Milling. R. S. Drummond. 2,191,559; Feb. 27.
Flavoring ingredient into a frozen comestible, Introducing a. A. M. Alexander. 2,190,226; Feb. 13.
Flaw detecting apparatus. W. C. Barnes and H. W. Keevil. 2,219,885; Oct. 29.
Flaw detecting apparatus. H. W. Keevil. 2,223,371; Dec. 3.
Flaws in rigid material, Detecting. G. Ellis. 2,186,014; Jan. 9.
Flexible connector. A. F. Johnson and C. H. Rawson. 2,196,676; Apr. 9.

Flexible coupling. J. A. Daniell. 2,212,857; Aug. 27.
Flexible coupling. B. W. Dennis. 2,209,325; July 30.
Flexible coupling. T. L. Fawick. 2,199,624; May 7.
Flexible coupling. E. E. Ferris. 2,222,023; Nov. 19.
Flexible coupling. E. G. Little. 2,223,217; Nov. 26.
Flexible coupling. W. J. Morrill. 2,195,993; Apr. 2.
Flexible coupling. G. H. Orr. 2,186,305; Jan. 9.
Flexible coupling. J. J. Serrell and R. A. Smith. 2,201,799; May 21.
Flexible coupling. L. Sloan. 2,196,841; Apr. 9.
Flexible coupling. O. Wulfert. 2,224,465; Dec. 10.
Flexible hanger. E. J. Winkleman. 2,187,924; Jan. 23.
Flexible insulated coupling. P. A. Homer. 2,220,622; Nov. 5.
Flexible metal tube. E. Witzenmann. 2,191,690; Feb. 27.
Flexible operating means. D. S. Hays. 2,194,471; Mar. 26.
Flexible port closure. L. A. Brooke. 2,211,491; Aug. 13.
Flexible shaft coupling. J. M. Bowman. 2,221,668; Nov. 12.
Flexible support. J. Ledwinka. 2,216,715; Oct. 1.
Flexible transmission coupling. W. E. Sparrow. 2,212,867; Aug. 27.
Flexible tube. V. Rendle. 2,212,169; Aug. 20.
Flexibly mounted hanger. F. M. Guy. 2,227,306; Dec. 31.
Flexing machine. H. J. Willmott. 2,198,691; Apr. 30.
Flier and spinning frames, High draft mechanism for cotton. J. Weinberger. 2,208,174; July 16.
Flier construction. M. J. McHale. 2,187,862; Jan. 23.
Flier construction. M. J. McHale. 2,212,299; Aug. 20.
Flier for spinning machines. H. E. Herr. 2,202,289–90; May 28.
Flier for spinning machines. H. E. Herr. 2,206,565; July 2.
Flight control device, more particularly for fast aircraft. P. E. Köster. 2,197,890; Apr. 23.
Float. R. M. and D. A. Banks. 2,216,871; Oct. 8.
Float. C. T. Pflueger. 2,221,168; Nov. 12.
Float and trowel, Plasterer's. E. Stabbert. 2,189,555; Feb. 6.
Float, Casting. D. Allison. 2,226,331; Dec. 24.
Float collar and guide shoe. C. W. Thornhill. 2,212,086; Aug. 20.
Float, Electric. F. H. Fisher. 2,205,352; June 18.
Float, Fishing. W. W. Brown. 2,206,630; July 2.
Float, Hydrometer. L. Edelmann. 2,221,913; Nov. 19.
Float, Plasterer's. C. D. Pilant. 2,198,974; Apr. 30.
Float plug, Detachable. G. J. Nash. 2,202,461; May 28.
Float, Retractable wing-tip. A. B. Herb. 2,207,735; July 16.
Float switch. E. C. Alexander. 2,189,456; Feb. 6.
Float switch. W. U. Garstka and R. C. Burt. 2,218,500; Oct. 22.
Float switch. G. W. Heindel. 2,191,758; Feb. 27.
Float system. R. Vogt. 2,204,457; June 11.
Float to a fishing rod, Securing a. J. C. Carter. 2,220,395; Nov. 5.
Float valve. S. W. E. Andersson. 2,201,974; May 28.
Float valve. L. F. Brauer. 2,223,509; Dec. 3.
Float valve. R. H. Flutsch and S. L. Martin. 2,197,686; Apr. 16.
Floating and troweling machine. J. M. Mincher and H. F. Wieger. 2,208,801; July 23.
Floating bearing. G. J. Mead and A. V. D. Willgoos. 2,225,876; Dec. 24.
Floating structure. F. G. Creed. 2,214,453; Sept. 10.
Floating valve, Releasable. J. R. Bradshaw. 2,204,340; June 11.
Floating wheel. A. C. Fuhrman. 2,194,975; Mar. 26.
Flocculation process and apparatus. J. V. Dorr. 2,190,596; Feb. 13.
Flock applying apparatus. W. B. Thompson. 2,194,487; Mar. 26.
Flock cutter. A. Hauge. 2,222,073–4; Nov. 19.
Flock cutting machine. I. Hinerfeld. 2,225,781; Dec. 24.
Flock printing machine, Multicolor. J. H. Johnston. 2,206,570; July 2.
Floodgate for electric fences. E. Grooms. 2,194,018; Mar. 19.
Floodlight. R. E. Crossley. 2,193,272; Mar. 12.
Flood protection means. H. M. Knight. 2,202,662; May 28.
Flooding process for recovering oil from subterranean oil-bearing strata. M. De Groote and B. Keiser. 2,226,119; Dec. 24.
Floor abrading machine. B. A. Casper. 2,199,615; May 7.
Floor block. W. A. F. Boettcher. 2,226,540; Dec. 31.
Floor cleaner. A. C. Hranicka. 2,226,817; Dec. 31.
Floor cleaning machine. F. H. Nadig. 2,223,963; Dec. 3.
Floor construction. A. Henderson. 2,219,043; Oct. 22.
Floor construction. R. E. Laubscher. 2,187,500; Jan. 16.
Floor covering. J. E. Graham and E. M. Lines. 2,202,488; May 28.
Floor covering. R. G. McLean. 2,221,522; Nov. 12.
Floor covering and making the same, Felt base. N. L. Campbell. 2,207,851; July 16.
Floor coverings, Seaming. A. T. Dildilian. 2,209,247; July 23.
Floor dressing machine. J. A. Gartner. 2,204,178; June 11.
Floor fastening. A. W. Lawrence. 2,206,464; July 2.
Floor for automobiles. M. Klavík. 2,216,670; Oct. 1.
Floor for refrigerator cars. C. D. Bonsall. 2,189,126; Feb. 6.
Floor furnace. H. C. Little. 2,226,313; Dec. 24.
Floor furnace. B. F. Stephens. 2,200,645; May 14.
Floor heater. F. C. Burt. 2,195,691; Apr. 2.
Floor panel for aircraft. G. E. Kloote. 2,199,938; May 7.
Floor rack. E. W. Zane. 2,226,042; Dec. 24.
Floor, Railway car. D. R. Arnold. 2,186,567; Jan. 9.
Floor sanding machine. A. N. Emmons. 2,218,703; Oct. 22.
Floor scrubbing, brushing, and polishing machine. V. Gambardella. 2,222,835; Nov. 26.
Floor structure. R. W. Brown. 2,216,732; Oct. 8.
Floor surfacing machine. R. F. Kneisley and R. E. Wolfe. 2,198,876; Apr. 30.
Floor treating machine. N. N. Okun. 2,221,315; Nov. 12.
Flooring. F. A. Grunert. 2,204,675; June 18.
Flooring, Bridge. C. M. Neeld. 2,210,252; Aug. 6.
Flooring material and floor. A. Elmendorf. 2,196,387; Apr. 9.
Flooring material, Molded. H. M. Austin. 2,221,038; Nov. 12.
Flooring, Three ply. A. G. W. Wedberg. 2,187,672; Jan. 16.
Floral display rack. L. D. Boyd. 2,212,286; Aug. 20.
Floral pick equipped with water container. C. Seidel. 2,218,157; Oct. 15.
Flotation apparatus. A. B. Emery. 2,202,484; May 28.
Flotation, Dithiophosphate. M. W. MacAfee. 2,198,915; Apr. 30.
Flotation process. J. E. Kirby and J. L. Gillson. 2,221,485; Nov. 12.
Flotation process. A. J. Weinig. 2,222,331; Nov. 19.
Flotation process for concentrating carbonate minerals. J. E. Kirby and J. L. Gillson. 2,217,685; Oct. 15.
Flotation process for concentrating oxides of iron. J. E. Kirby and J. L. Gillson. 2,217,684; Oct. 15.
Flotation reagent. R. C. Ried. 2,202,601; May 28.
Flour and producing same, Coffee bean. R. Brown. 2,227,063; Dec. 31.
Flour sifter. G. Nakahiro. 2,212,788; Aug. 27.
Flourinated compound and producing same. P. J. Gaylor. 2,186,917; Jan. 9.
Flow bean, Adjustable. M. O. Johnston and D. B. Chapman. 2,218,988; Oct. 22.
Flow control and metering device. A. C. Page. 2,192,200; Mar. 5.
Flow control apparatus. H. L. Blum. 2,191,194; Feb. 20.
Flow control device. R. S. Willis. 2,219,504; Oct. 29.
Flow control means. L. W. Frankley. 2,214,195; Sept. 10.
Flow control means, Automatic. C. H. Smith. 2,189,330; Feb. 6.
Flow control mechanism. F. C. Leonard and F. C. Coppage. 2,206,905; July 9.
Flow control system. W. W. Stuart. 2,226,081; Dec. 24.
Flow control unit. E. M. Reedy. 2,204,106; June 11.
Flow control valve. E. A. Corbin, Jr. 2,196,202; Apr. 9.
Flow controlling device for refrigerating systems. C. Steenstrup. 2,191,328; Feb. 20.
Flow device, Intermittent. F. Y. Donaldson. 2,202,549; May 28.
Flow director. J. Moniti. 2,219,452; Oct. 29.
Flow indicator. F. W. Jackson and H. M. Nacey. 2,197,473; Apr. 16.
Flow measurement apparatus. J. H. Hirsch and E. Bach. 2,193,762; Mar. 12.
Flow meter. E. L. Fischer. 2,221,943; Nov. 19.
Flow meter. A. Hollander. 2,197,214; Apr. 16.
Flowmeter. L. A. Ringelstetter. 2,220,496; Nov. 5.
Flowmeter. R. E. Tozier. 2,197,818; Apr. 23.
Flow-operated switch. G. E. Bogue. 2,211,553; Aug. 13.
Flow restrictor for refrigerant feed valves. A. F. Hoesel. 2,195,925; Apr. 2.
Flow retarder. R. Seligman and H. F. Goodman. 2,219,637; Oct. 29.
Flow switch. W. H. Hinsch. 2,203,331; June 4.
Flow valve. C. S. Crickmer and R. A. Lamb. 2,207,118; July 9.
Flow valve. H. C. Glitsch and C. S. Crickmer. 2,203,957; June 11.
Flow valve. W. R. Millican. 2,207,129; July 9.
Flow visualizer. W. W. Geiser. 2,200,060; May 7.
Flower carrier. D. Turner. 2,212,089; Aug. 20.
Flower holder. F. M. Anglim. 2,206,933; July 9.
Flower holder. R. W. Simpson. 2,226,950–1; Dec. 31.
Flowerpot. G. Haglund. 2,189,982; Feb. 13.
Flowerpot for water-cultured plants. W. P. Munsell. 2,205,303; June 18.
Flowerpot liner and fertilizer container. R. O. Johnson. 2,222,815; Nov. 26.
Flowers and apparatus therefor, Preserving. W. K. Barnett. 2,224,284; Dec. 10.
Flowers of sulphur, Production of acid free. A. C. Mohr. 2,222,679; Nov. 26.
Flue bead cutting machine. J. L. Johnson. 2,227,348; Dec. 31.
Flue cleaner. A. S. Ketsios. 2,221,195; Nov. 12.
Flue gas filter. R. C. Roe. 2,216,986; Oct. 8.
Fluffing and renovating machine. P. Sappington. 2,201,303; May 21.

Fluid actuated apparatus. C. B. Moore. 2,216,448; Oct. 1.
Fluid actuated tool. E. B. Lear. 2,221,100; Nov. 12.
Fluid actuated tool. P. Van Sittert and L. G. Speth. 2,212,332; Aug. 20.
Fluid actuated valve. E. A. Richardson. 2,207,944; July 16.
Fluid brake. W. H. Jacob. 2,195,214; Mar. 26.
Fluid circulating system. S. A. and W. F. Courtis. 2,192,727; Mar. 5.
Fluid circulating systems, Method and apparatus for cleaning. W. T. Powell and R. M. Urquhart. 2,222,516; Nov. 19.
Fluid compressor. B. Dick. 2,224,125; Dec. 10.
Fluid compressor. G. K. Newell. 2,204,814; June 18.
Fluid compressor. W. W. Paget. 2,213,256; Sept. 3.
Fluid compressor construction. R. J. Bush and W. H. Glass. 2,187,931; Jan. 23.
Fluid control device. E. R. Barrett. 2,226,192; Dec. 24.
Fluid control device. L. W. Frankley. 2,214,194; Sept. 10.
Fluid control device. E. Y. Guthmann. 2,211,058; Aug. 13.
Fluid control device. M. Hilmer and G. Signarovitz. 2,227,258; Dec. 31.
Fluid control device. O. Jensen. 2,204,760; June 18.
Fluid control mechanism. B. Hoffmann. 2,192,042; Feb. 27.
Fluid control system. E. R. Barrett. 2,203,938–9; June 11.
Fluid control valve. P. K. Saunders. 2,191,863; Feb. 27.
Fluid controlling valve. P. K. Saunders. 2,199,549; May 7.
Fluid cooling. R. B. P. Crawford. 2,200,442; May 14.
Fluid cooling system for brakes. R. C. Hoyt. 2,195,130; Mar. 26.
Fluid counterbalance. C. M. O'Leary. 2,218,216; Oct. 15.
Fluid coupling. G. T. Jacocks. 2,202,492; May 28.
Fluid density, fluid pressure, and the production capacity of oil wells, Determining. C. P. Walker. Re. 21,383; Mar. 5.
Fluid determinator and exposure indicator. G. Bucky. 2,212,854; Aug. 27.
Fluid device. C. W. Mott. 2,209,032; July 23.
Fluid discharge device. C. P. Bender. 2,204,524; June 11.
Fluid dispenser. T. W. Miller. 2,222,852; Nov. 26.
Fluid dispenser. J. C. Sartain. 2,217,563; Oct. 8.
Fluid dispensing apparatus. S. C. Hope. 2,225,271; Dec. 17.
Fluid dispensing apparatus. D. Samiran. 2,219,335; Oct. 29.
Fluid dispensing apparatus. L. O. Yeomans. 2,223,146; Nov. 26.
Fluid dispensing device. C. A. Harris. 2,188,507; Jan. 30.
Fluid dispensing device. B. Johnsen. 2,199,800; May 7.
Fluid displacement mechanism. J. W. Forrester and J. V. Sheridan. 2,202,520; May 28.
Fluid distributing device. F. Honerkamp. 2,209,121; July 23.
Fluid distributing device. J. G. Méjean. 2,188,609; Jan. 30.
Fluid distributor. C. R. Alden. 2,223,590; Dec. 3.
Fluid filled cable. C. A. Piercy. 2,196,026; Apr. 2.
Fluid filter. J. F. Auberschek. 2,190,305; Feb. 13.
Fluid flow control device. N. Borresen. 2,215,954; Sept. 24.
Fluid flow control means. J. B. Berard. 2,213,663; Sept. 3.
Fluid flow controlling system. J. L. Defandorf and R. O. Perrine. 2,219,472; Oct. 29.
Fluid flow measuring device. C. F. Bachle. 2,196,285; Apr. 9.
Fluid flow mechanism. W. H. Marsh. 2,196,931; Apr. 9.
Fluid flow mechanism. R. S. Smith. 2,207,182; July 9.
Fluid flow mechanism. R. S. Smith. 2,207,274; July 9.
Fluid flow meter. W. E. Humphrey. 2,210,081; Aug. 6.
Fluid flow meter. H. R. Ricardo and J. F. Alcock. 2,212,186; Aug. 20.
Fluid flow regulator. M. H. Grove. 2,212,709; Aug. 27.
Fluid for combating heaving shale, Drilling. G. E. Cannon. 2,191,312; Feb. 20.
Fluid for refrigerating apparatus, Working. H. M. Williams. 2,187,388; Jan. 16.
Fluid fuel burner. L. C. Chadima, R. C. Ilten, and E. L. Johnson. 2,191,272; Feb. 20.
Fluid fuel burner. C. Moran. 2,194,208; Mar. 19.
Fluid fuel burner. H. P. Parrigin. 2,217,291; Oct. 8.
Fluid handling apparatus. E. C. Hassler. 2,185,338; Jan. 2.
Fluid handling apparatus. C. R. Houghton. 2,188,752; Jan. 30.
Fluid heat exchange apparatus. W. T. Moore, P. R. Cassidy, R. M. Hardgrove, and H. J. Keer. 2,204,144; June 11.
Fluid heat exchange device. C. U. Savoye. 2,204,154–5; June 11.
Fluid heater. S. Cline. 2,202,756; May 28.
Fluid heating device. H. E. Brannon. 2,189,127; Feb. 6.
Fluid-heating method and apparatus. E. G. Bailey. 2,196,377; Apr. 9.
Fluid impelling or impelled device. A. R. Pezzillo. 2,195,902; Apr. 2.
Fluid inlets for rotary mixer. W. C. Ludington. 2,192,406; Mar. 5.
Fluid lift pump. E. W. Patterson. 2,222,205; Nov. 19.
Fluid measuring system, Temperature compensated. A. R. Whittaker. 2,206,540; July 2.
Fluid meter. H. L. Blum. 2,198,103; Apr. 23.
Fluid meter. C. S. Burdsal. 2,217,668; Oct. 15.
Fluid meter. W. H. Marsh. 2,216,016; Sept. 24.
Fluid meter. P. P. Polko and W. A. Lebus. 2,186,307; Jan. 9.
Fluid meter. P. Renfrew. 2,196,669; Apr. 9.
Fluid meter. R. L. Rude. 2,217,643; Oct. 8.
Fluid meter. W. F. Schultz. 2,202,606; May 28.
Fluid metering device. L. J. A. Cadet. 2,198,759; Apr. 30.
Fluid mixing device. E. Aghnides. 2,210,846; Aug. 6.
Fluid mixing valve. J. M. King. 2,222,907; Nov. 26.
Fluid mixtures, Desiccating. J. M. Hall. 2,188,506; Jan. 30.
Fluid motor. H. F. Parker. 2,202,023; May 28.
Fluid motor. D. E. Schott. 2,222,689; Nov. 26.
Fluid motor. H. A. J. Thiesen. 2,188,546; Jan. 30.
Fluid motor. J. F. Wallace. 2,221,121; Nov. 12.
Fluid motor. W. H. Wineman. 2,195,206; Mar. 26.
Fluid, Nonaqueous drilling. R. D. Dawson and P. H. Huisman. 2,223,027; Nov. 26.
Fluid, Nonaqueous drilling. R. A. Henkes. 2,222,949; Nov. 26.
Fluid, Nonaqueous drilling. P. Van Campen. 2,217,926–7; Oct. 15.
Fluid operated apparatus. W. E. Webster. 2,210,741; Aug. 6.
Fluid-operated device. C. W. Mott. 2,194,209; Mar. 19.
Fluid operated mechanism. R. Bischoff. 2,227,055; Dec. 31.
Fluid operated pump. W. N. Eddins. 2,212,416; Aug. 20.
Fluid port cleaner, Automatic. N. L. Wright. 2,218,446; Oct. 15.
Fluid pressure actuated brake. C. H. Bock. 2,214,951; Sept. 17.
Fluid pressure actuated motor. H. C. Bowen. 2,213,948; Sept. 10.
Fluid pressure actuated motor. E. W. Rouch. 2,220,829; Nov. 5.
Fluid pressure apparatus. D. W. Sessions. 2,224,526; Dec. 10.
Fluid pressure brake. J. C. McCune. 2,223,113; Nov. 26.
Fluid pressure brake. T. Tarisien. 2,201,564; May 21.
Fluid pressure braking system. H. C. Bowen. 2,213,947; Sept. 10.
Fluid pressure control. R. Tyler. 2,211,483; Aug. 13.
Fluid pressure generating and control means. G. A. Wahlmark. 2,214,390; Sept. 10.
Fluid pressure generation. R. M. Nardone. 2,191,676; Feb. 27.
Fluid pressure generation. R. M. Nardone. 2,207,936; July 16.
Fluid pressure mechanism. B. Dick. 2,203,082; June 4.
Fluid pressure mechanism. R. S. Sanford and W. J. Andres. 2,198,129; Apr. 23.
Fluid pressure motor. J. H. Onions. 2,193,736; Mar. 12.
Fluid pressure motor. E. L. Thompson. 2,189,088; Feb. 6.
Fluid pressure operated apparatus. C. H. Rippl. 2,198,514; Apr. 23.
Fluid pressure operated engine. C. C. Matlock and B. Baldwin. 2,199,644; May 7.
Fluid pressure operated motor. W. H. Wood. 2,212,871; Aug. 27.
Fluid pressure producing device. H. C. Bowen. 2,197,681; Apr. 16.
Fluid pressure producing device. H. C. Bowen. 2,200,666; May 14.
Fluid pressure producing device. H. C. Bowen. 2,213,946; Sept. 10.
Fluid pressure producing device. C. V. Gardner. 2,211,652; Aug. 13.
Fluid pressure producing device. A. A. Loweke. 2,214,966; Sept. 17.
Fluid pressure producing device. E. F. Loweke. 2,202,351; May 28.
Fluid pressure producing device. P. H. Mistral. 2,185,264; Jan. 2.
Fluid pressure regulating device. G. F. Maglott. 2,225,916; Dec. 24.
Fluid pressure regulating device. C. F. and A. L. Semon. 2,215,597; Sept. 24.
Fluid pressure regulator. P. J. Dugan. 2,197,176; Apr. 16.
Fluid pressure regulator. M. H. Grove. 2,202,313; May 28.
Fluid pressure system. H. C. Bowen. 2,190,228; Feb. 13.
Fluid pressure system. J. Dolza. 2,193,671; Mar. 12.
Fluid pressure system. A. A. Loweke. 2,189,013; Feb. 6.
Fluid pressure system. E. F. Loweke. 2,196,930; Apr. 9.
Fluid pressure system. D. W. Sessions. 2,198,018; Apr. 23.
Fluid pressure transmission. P. S. Baldwin. 2,219,610; Oct. 29.

Fluid pressure transmission. E. K. Benedek. 2,211,402; Aug. 13.
Fluid pressures, Measuring and controlling. F. E. O'Neill and R. G. Whealton. 2,203,577; June 4.
Fluid propelling apparatus, Screw type. J. T. McIntyre. 2,224,519; Dec. 10.
Fluid pump. B. A. Brittain. 2,227,122; Dec. 31.
Fluid pump. A. F. Ericson. 2,195,244; Mar. 26.
Fluid pump. W. E. Hubbard. 2,225,115; Dec. 17.
Fluid pump. B. F. Schmidt. 2,207,226; July 9.
Fluid relay mechanism. K. Blasig. 2,225,518; Dec. 17.
Fluid release device, Self-energizing. D. Mapes. 2,206,818; July 2.
Fluid responsive device. O. F. Carlson. 2,220,144; Nov. 5.
Fluid screen. J. E. Hall. 2,196,793; Apr. 9.
Fluid separator. J. T. Heathman and H. J. Hawthorne. 2,224,345; Dec. 10.
Fluid testing process as applied to vapor generation. W. D. La Mont. 2,201,625; May 21.
Fluid transmission apparatus. E. E. Guinness. 2,195,246; Mar. 26.
Fluid transmission joint. L. F. G. Butler and W. Cordiner. 2,225,547; Dec. 17.
Fluid-treating apparatus, Centrifugal. W. J. Podbielniak. 2,209,577; July 30.
Fluid treating composition and making same. B. Montero. 2,213,530; Sept. 3.
Fluid under pressure to a shaft, Supplying. W. F. Longfield. 2,210,088; Aug. 6.
Fluid within a well, Regulating flow of. M. O. Johnston and W. F. Bettis. 2,186,488; Jan. 9.
Fluids and solids, Method and apparatus for treating. J. L. Milton. 2,186,033; Jan. 9.
Fluids, Commingling. W. R. Eckart. 2,205,284; June 18.
Fluids, Controlling the properties of drilling. J. T. Hayward and E. E. Huebotter. 2,219,312; Oct. 29.
Fluids, Cooling. H. G. Schaefer. 2,191,864; Feb. 27.
Fluids, Cooling. R. O. White. 2,218,594; Oct. 22.
Fluids, Drying. M. Y. Seaton. 2,193,570; Mar. 12.
Fluids, Feeding a continuously uniform quantity of. J. Van Dartelen. 2,207,493; July 9.
Fluids, Filtering or straining or like treatment of. W. J. Forrest. 2,204,349; June 11.
Fluids from receptacles, Method of and apparatus for drawing gaseous. W. Gaede. 2,191,345; Feb. 20.
Fluids, Handling. V. I. and L. G. Hooper. 2,186,924; Jan. 9.
Fluids, Heating. L. A. Mekler. 2,224,917; Dec. 17.
Fluids, Heating hydrocarbon. H. V. Atwell. 2,216,684; Oct. 1.
Fluids, Heating hydrocarbon. W. E. Lobo. 2,190,635; Feb. 13.
Fluids, Heating of. M. W. Barnes. 2,212,002; Aug. 20.
Fluids, Heating of. A. B. Cox. 2,214,452; Sept. 10.
Fluids, Heating of. L. A. Mekler. 2,212,030; Aug. 20.
Fluids, Heating of. L. A. Mekler. 2,223,379; Dec. 3.
Fluids, Intermittently controlling the flow of. J. D. Nixon. 2,202,462; May 28.
Fluids, Method and apparatus for determining the nature of borehole. A. G. H. Straatman. 2,204,196; June 11.
Fluids or materials which are caused to pass through a processing zone, Processing flowing. R. L. Rude. 2,217,634; Oct. 8.
Fluids, Process and apparatus for treatment of. E. J. Houdry, R. C. Lassiat, and G. Kelso. 2,209,973; Aug. 6.
Fluids, Process and equipment for monitoring. W. A. Darrah. 2,194,520; Mar. 26.
Fluids, Treatment of. A. E. Pew, Jr., and R. C. Lassiat. 2,217,703; Oct. 15.
Fluids, Treatment of drilling. T. B. Wayne. 2,216,865; Oct. 8.
Fluorescent coating. J. D. Le Van. 2,225,567; Dec. 31.
Fluorescent lamp. D. J. Delaney. 2,201,390; May 21.
Fluorescent screen. H. W. Leverenz. 2,223,830; Dec. 3.
Fluorescent screen. F. Ring and G. Weiss. 2,186,393; Jan. 9.
Fluorides from drinking water, Removal of. E. Elvove. 2,207,725; July 16.
Fluorides from trialkali phosphates, Removal and recovery of. F. C. Jelen. 2,220,818; Nov. 5.
Fluorinated compound and producing same. P. J. Wiezevich. 2,186,916; Jan. 9.
Fluorination process. T. Midgley, Jr., and A. L. Henne. 2,192,143; Feb. 27.
Fluoroscopic apparatus. A. Simon. 2,215,654; Sept. 24.
Flush tank. S. L. Egenas. 2,199,068; Apr. 30.
Flush tank. S. Johnson. 2,219,367; Oct. 29.
Flush tank valve. A. N. Asselin. 2,206,996; July 9.
Flush tank valve. F. L. Suitt. 2,189,479; Feb. 6.
Flush valve. W. C. Groeniger. 2,217,166; Oct. 8.
Flush valve. R. A. Mikalsen. 2,216,571; Oct. 1.
Flush valve. J. F. Prosser. 2,215,133; Sept. 17.
Flush valve. G. L. Robertson. 2,214,439; Sept. 10.
Flush valve. W. E. Sloan and J. I. Bellamy. 2,204,191; June 11.
Flusher for toilets or the like, Foot operated. C. W. Rehback. 2,204,867; June 18.
Flushing apparatus. C. W. Sharp and A. I. Carnine. 2,208,281; July 16.
Flushing device, more particularly for water closets. M. Kolarik. 2,212,943; Aug. 27.
Flushing mechanism for toilet tanks. J. L. Mason and G. L. McNabb. 2,190,160; Feb. 13.
Flushing valve. W. F. Schultheiss. 2,214,863; Sept. 17.
Flux, Acid resisting glass. A. J. Deyrup. 2,225,159; Dec. 17.
Flux and method, Electrical welding. W. M. Cohn. 2,194,200; Mar. 19.
Flux and producing it, Metallurgical. F. C. Abbott and C. O. Anderson. 2,220,383–5; Nov. 5.
Flux, Arc welding. T. C. R. Shepherd. 2,223,230; Nov. 26.
Flux, Ceramic. D. A. Cannon. 2,207,911; July 16.
Flux composition. L. Cinamon and S. Sklarew. 2,196,853; Apr. 9.
Flux, Dispensing volatile welding. T. H. Vaughn, A. R. Lytle and J. M. Gaines, Jr. 2,194,920; Mar. 26.
Flux, Soldering. W. A. Scheuch. 2,217,847; Oct. 15.
Fluxer. C. A. Medsker. 2,223,456; Dec. 3.
Fluxes in welding operations, Utilization of volatile. T. H. Vaughn and A. R. Lytle. 2,211,448; Aug. 13.
Fly casting reel. J. McArthur. 2,209,166; July 23.
Fly line greasing device. E. E. Bashore. 2,193,386; Mar. 12.
Flywheel gearing arrangement, Fluid. O. K. Kelley. 2,211,233; Aug. 13.
Flyer clearer. E. G. Spencer. 2,197,951; Apr. 23.
Flyer spinning means. A. Nau-Touron. 2,218,620; Oct. 22.
Flying cut-off machine. W. E. McLaughlin. 2,196,639; Apr. 9.
Foam producer for fire extinguishers. E. Göhre. 2,213,122; Aug. 27.
Foam-producing device for fire extinguishing purposes. J. Müller. 2,218,294; Oct. 15.
Foam stabilizer, Fire extinguishing. L. G. Timpson. 2,196,042; Apr. 2.
Foam stabilizing solutions, Apparatus for injecting. L. G. Timpson. 2,188,066; Jan. 23.
Foaming, Diminishing or preventing. K. Brodersen and M. Quaedvlieg. 2,200,485; May 14.
Focal plane shutter construction. J. Mihalyi. 2,218,248; Oct. 15.
Focal plane shutter setting machine. J. Stoiber. 2,218,252; Oct. 15.
Focusing adapter. J. Mihalyi. 2,200,007; May 7.
Focusing and printing apparatus for photographic enlarging. H. S. Kidwell. 2,205,480; June 25.
Focusing attachment for shutters. D. H. Stewart. 2,206,132; July 2.
Focusing device, Automatic. L. Wenczler. 2,190,815; Feb. 20.
Focusing mechanism for interchangeable lenses. J. Mihalyi. 2,193,038; Mar. 12.
Fodder and making same. L. H. Smith and C. F. Schnabel. 2,189,438; Feb. 6.
Fodder mixtures, Production of compressed. M. Zentz and F. Noll. 2,223,904; Dec. 3.
Fog light. E. H. Walker. 2,220,832; Nov. 5.
Foil, Coated. C. F. Schmidt, Jr., and G. L. Ball. 2,195,191; Mar. 26.
Foil condenser and producing same. R. L. Miller. 2,203,283; June 4.
Foil, Electric. C. M. Harter. 2,206,697; July 2.
Foil filming machine. G. W. Elsey. 2,222,195; Nov. 19.
Foil, Iridescent. C. F. Schmidt, Jr. and G. L. Ball. 2,195,190; Mar. 26.
Foil product. G. Ruoff. 2,185,649; Jan. 2.
Foil, Strip annealing aluminum. M. Schon. 2,189,836; Feb. 13.
Foiling device for wax dentures. J. J. Dwyer. 2,222,531; Nov. 19.
Foils, films, and threads of cellulose formate, Manufacture of transparent. W. König. 2,203,596; June 4.
Foldable blank box. J. A. Farmer. 2,187,304; Jan. 16.
Foldable box. G. D. Denny. 2,189,602; Feb. 6.
Foldable container. L. A. Bigelow and J. S. Johnson. 2,217,210; Oct. 8.
Foldable device. H. T. Hulscher. 2,212,938; Aug. 27.
Foldable lap table. M. Johnson. 2,189,247; Feb. 6.
Foldable rack. O. O. Kolstad. 2,213,737; Sept. 3.
Foldable reclining chair. A. Lorenz and H. Luckhardt. 2,195,091; Mar. 26.
Foldable seat. J. A. Steele. 2,208,777; July 23.
Foldable table. F. F. O'Toole. 2,191,772; Feb. 27.
Folder. J. Derry. 2,219,174; Oct. 22.
Folder. D. E. Gilson. 2,187,451; Jan. 16.
Folder. J. H. McLaren. 2,204,095; June 11.
Folder device. E. J. Miller. 2,195,494; Apr. 2.
Folder device. S. Stern. 2,211,034; Aug. 13.
Folder, File. C. Rubins. 2,222,443; Nov. 19.
Folder for web printing presses. H. C. Jordhoy. 2,206,607; July 2.
Folder making machine. G. Ewald and B. T. McGary. 2,186,901; Jan. 9.
Folder, Slip-index. G. W. Shaw. 2,223,642; Dec. 3.
Folding and sealing mechanism. L. L. Salfisberg. 2,192,527; Mar. 5.
Folding box. A. W. Lovejoy. 2,185,510; Jan. 2.
Folding chair. R. E. Bascom and H. W. Bascom. 2,203,610; June 4.
Folding chair. W. E. Clarin. 2,207,338; July 9.
Folding chair. W. D. Connor, Jr. 2,192,672; Mar. 5.
Folding chair. W. Koenig. 2,195,461; Apr. 2.
Folding chair. J. Kovats. 2,225,306; Dec. 17.
Folding chair. A. Luiken. 2,222,296; Nov. 19.
Folding chair. E. Monasch. 2,199,185; Apr. 30.

Folding chair. M. K. Orton. 2,211,289; Aug. 13.
Folding chair. W. C. Rastetter. 2,188,207; Jan. 23.
Folding container. W. A. Ringler. 2,206,304; July 2.
Folding machine. W. W. Davidson. 2,190,413; Feb. 13.
Folding machine. W. W. Davidson. 2,190,415–16; Feb. 13.
Folding machine. W. W. Davidson, Jr. 2,190,417; Feb. 13.
Folding machine. W. W. and W. W. Davidson, Jr. 2,190,414; Feb. 13.
Folding machine. G. W. Johnson. 2,214,857; Sept. 17.
Folding machine. L. M. Kahn. 2,222,076; Nov. 19.
Folding machine. G. Spiess. 2,205,127; June 18.
Folding mechanism for printing presses. J. E. Meyer. 2,195,822; Apr. 2.
Folding, stuffing, and sealing machine. W. E. Rosebush. 2,208,345; July 16.
Folding table. W. Boardman. 2,215,093; Sept. 17.
Folding table. E. Daniel. 2,226,710; Dec. 31.
Folding table. C. B. Harrell. 2,204,081; June 11.
Folding table. H. Howe. 2,213,985; Sept. 10.
Folding table. H. Howe. 2,223,068; Nov. 26.
Folding table. J. Kovats. 2,215,006; Sept. 17.
Folding table. P. Page. 2,215,131; Sept. 17.
Folding table. W. H. Sutton. 2,217,031; Oct. 8.
Folding table. W. W. Swett. 2,204,107; June 11.
Folding table. C. J. Symmonds. 2,213,681; Sept. 3.
Folding table. W. P. De Saussure, Jr. 2,202,624; May 28.
Folding table link lock. U. K. Johannsen. 2,213,803; Sept. 3.
Follow-up. W. H. Newell. 2,194,170; Mar. 19.
Follower for card drawers or the like. F. L. W. Link. 2,187,832; Jan. 23.
Food cabinet. M. K. Davis. 2,188,708; Jan. 30.
Food composition. T. J. Otterbacher. 2,188,481; Jan. 30.
Food composition. D. J. Young, Jr. 2,221,563; Nov. 12.
Food composition and making the same, Stabilized. S. Musher. 2,198,208; Apr. 23.
Food composition, Canned. J. F. Walsh and A. L. Rawlins. 2,191,509; Feb. 27.
Food compositions and producing them, Thickened. A. Musher. 2,203,643; June 4.
Food compositions, Stabilizing. S. Musher. 2,198,199–204; Apr. 23.
Food container. H. M. Maersch. 2,207,325; July 9.
Food container. V. E. Vining. 2,205,781; June 25.
Food cutting and pressing machine. C. Lovelace. 2,200,032; May 7.
Food dicing apparatus. M. F. Bauer. 2,223,542; Dec. 3.
Food, Electrical method and apparatus for preparing. G. W. Watson and E. C. Brannas. 2,200,405; May 14.
Food forming and cutting machine, Automatic. W. Stricker. 2,193,147; Mar. 12.
Food from Indian corn, Manufacturing articles of. T. B. Wagner. 2,192,212; Mar. 5.
Food grinding machine. O. G. Rieske. 2,210,006; Aug. 6.
Food handling apparatus. H. L. Johnston. 2,213,191; Sept. 3.
Food handling apparatus. D. A. Meeker. 2,217,070; Oct. 8.
Food handling apparatus. D. A. Meeker and J. C. Slager. 2,199,267; Apr. 30.
Food handling device. D. A. Meeker and F. D. Houser. 2,212,883; Aug. 27.
Food-making machinery. W. C. Grimm. 2,207,795; July 16.
Food marking and reinforcing. A. J. Freeman. 2,225,694; Dec. 24.
Food molding machine. W. L. Baxter. 2,187,511; Jan. 16.
Food package. W. H. Heise. 2,211,816; Aug. 20.
Food particles in liquid cooking baths, Handling and cooking. J. D. Ferry. 2,207,316; July 9.
Food preserving apparatus. M. Kalischer. 2,215,123; Sept. 17.
Food process and product. M. G. Snelling. 2,191,835; Feb. 27.
Food product. W. F. Serr. 2,186,435; Jan. 9.
Food product. B. H. Webb. 2,185,451; Jan. 2.
Food product and its preparation. F. Hammond. 2,205,094; June 18.
Food product and making. D. B. Vincent. 2,215,944; Sept. 24.
Food product and making it. E. C. Callaway. 2,224,252; Dec. 10.
Food product and making same. W. C. Baxter. 2,200,977; May 14.
Food product and making the same. W. R. Collins. 2,196,146; Apr. 2.
Food product and producing it. A. Musher. 2,218,475; Oct. 15.
Food product having a high lactic acid, enzyme, and vitamin content, Producing a. C. M. and L. V. Porter and E. R. Hurlock. 2,194,672; Mar. 26.
Food product, Making a dried citrus fruit. G. and L. S. Overton. 2,186,907; Jan. 9.
Food products aerating and dispensing device. H. B. W. Snelling. 2,190,688; Feb. 20.
Food products and biological substances, Concentration and preservation of. E. W. Flosdorf. 2,225,627; Dec. 24.
Food products and the like, Packing. S. H. Berch. 2,189,512; Feb. 6.
Food products, Fresh ingredient base for. W. R. Voss. 2,211,678; Aug. 13.
Food products, Making dip coated jelly containing. H. and E. Shwom. 2,198,726; Apr. 30.
Food products, Manufacturing. E. O. Sargent. 2,197,319; Apr. 16.
Food products, Packing and sealing. A. G. Hopkins. 2,187,688; Jan. 16.
Food products, Preserving. C. L. Jones. 2,214,419; Sept. 10.
Food pulverizer and juice extractor, Rotary. E. C. MacLean. 2,227,098; Dec. 31.
Food purveyor. W. R. Smith. 2,216,357; Oct. 1.
Food receptacle. E. M. Peterson. 2,215,274; Sept. 17.
Food storage. A. W. Devout. 2,199,485; May 7.
Food tenderizer. D. C. Bragg. 2,205,133; June 18.
Food, Treating. B. Gernhardt. 2,219,772; Oct. 29.
Food treating and dispensing apparatus. D. A. Wallace. 2,208,651; July 23.
Food-working device. R. F. Bean. 2,192,843; Mar. 5.
Foods and foodstuffs, Treatment of liquid or semi-solid. K. Richter. 2,195,469; Apr. 2.
Foods, Deaerating frozen. E. G. Hawkins. 2,190,151; Feb. 13.
Foods, Stabilization of. C. Ellis and F. Dannerth. 2,204,728; June 18.
Foodstuffs, Electrically heating. B. Salinski. 2,212,794; Aug. 27.
Foodstuffs, Packing. W. de Back. 2,190,936; Feb. 20.
Foot adjuster. K. B. Whitney. 2,189,693; Feb. 6.
Foot adjusting and gauging apparatus. H. Kaplan. 2,216,533; Oct. 1.
Foot and base construction. J. J. Gough. 2,225,953; Dec. 24.
Foot, Artificial. H. C. Campbell. 2,197,093; Apr. 16.
Football. J. T. Riddell. 2,194,674; Mar. 26.
Football player's equipment. H. E. Smith. 2,196,124; Apr. 2.
Foot control. W. J. Smith. 2,196,125; Apr. 2.
Foot corrective device. A. Kost. 2,206,902; July 9.
Foot covering. S. H. Geffner. 2,205,091; June 18.
Foot manipulator, Mechanical. H. G. Hall. 2,186,105; Jan. 9.
Foot measuring apparatus. C. H. Brown. 2,200,223; May 7.
Foot muscle exercising machine. C. W. Clark. 2,216,764; Oct. 8.
Foot piece for whipstocks, Expanding. J. D. Hughes. 2,207,920; July 16.
Footrest. N. Chambers. 2,213,780; Sept. 3.
Footrest and pedal extension for piano. H. M. Sargent. 2,207,824; July 16.
Footrest for easy chairs, Extendible. L. Johnson. 2,185,813; Jan. 2.
Footrest for vehicles. W. T. Jacobs. 2,202,857; June 4.
Footrest structure. L. H. Gilson. 2,196,913; Apr. 9.
Foot support. C. H. Daniels. 2,197,996; Apr. 23.
Foot treating device. L. B. Triplett. 2,187,920; Jan. 23.
Footwear. K. M. Cox. 2,185,762; Jan. 2.
Footwear. R. T. Dawes. 2,190,864; Feb. 20.
Footwear. J. B. Greider. 2,198,338; Apr. 23.
Footwear. A. Ingram. 2,204,679; June 18.
Footwear. J. S. Kamborian and E. Movsesian. 2,217,341; Oct. 8.
Footwear. R. Maling. 2,217,913; Oct. 15.
Footwear. F. W. McLean. 2,220,534; Nov. 5.
Footwear. A. Perugia. 2,199,713; May 7.
Footwear. A. Rivelli. 2,221,151; Nov. 12.
Footwear. J. Shapiro. 2,206,756; July 2.
Footwear. S. Zide. 2,223,775; Dec. 3.
Footwear heel fastener. J. Farina. 2,224,476; Dec. 10.
Footwear, Manufacture of. A. W. Donovan. 2,190,512; Feb. 13.
Footwear, Manufacture of welted. J. F. Smith. 2,224,613; Dec. 10.
Footwear, Manufacturing rubber soled. L. A. Andia. 2,202,750; May 28.
Footwear, Novelty. D. B. Bass. 2,226,110; Dec. 24.
Footwear, Orthopedic. N. V. Levitt. 2,224,458; Dec. 10.
Footwear, Welted. F. Holland. 2,187,031; Jan. 16.
Footwear, Woman's. E. W. Ellsworth. 2,216,488; Oct. 1.
Foraminous sheets, Electrolytically producing. E. O. Norris. 2,226,384; Dec. 24.
Foraminous sheets, Producing. E. O. Norris. 2,226,383; Dec. 24.
Foraminous sheets, Producing electrolytic. E. O. Norris. 2,226,381; Dec. 24.
Force and equipoising mechanism, Elastic. G. Carwardine. 2,204,301; June 11.
Force feed lubricator. H. E. Anderson. 2,204,878; June 18.
Force measuring device. H. Brown. 2,203,293; June 4.
Force measuring device. E. Kruck. 2,199,955; May 7.
Forceps. H. Bachmann. 2,214,985; Sept. 17.
Forceps, Obstetrical. L. J. Schoenbechler. 2,224,318; Dec. 10.
Forceps, Obstetrical delivery. F. A. La Breck. 2,219,424; Oct. 29.
Forehearth for and method of controlling the temperature and condition of molten glass. G. E. Rowe. 2,189,271; Feb. 6.
Foreign bodies, Localizing. L. F. Black. 2,192,887; Mar. 12.

Forging and apparatus therefor, Electric. E. Gaspar. 2,195,775; Apr. 2.
Forging die. W. W. Criley. 2,224,670; Dec. 10.
Forging machine, Cold. J. C. M. Maclagan. 2,204,043; June 11.
Forging machine, Electric. G. Mora. 2,220,535; Nov. 5.
Forging press control. L. R. Williamson. 2,210,227; Aug. 6.
Fork. G. O. Kruger. 2,200,179; May 7.
Fork and fender for velocipedes, Combination. B. J. Anderson. 2,198,146; Apr. 23.
Fork, Composing. W. G. Read. 2,223,048; Nov. 26.
Fork, Ejector. J. C. Brown. 2,187,145; Jan. 16.
Fork, Loading. J. L. Shumaker. 2,190,573; Feb. 13.
Fork, Roasting. L. P. Clem. 2,191,226; Feb. 20.
Form and attaching shoulder portions of linings to a coat, Coat shoulder. C. Purves. 2,222,120; Nov. 19.
Form, Carbon manifold. G. F. Brisendine. 2,190,253; Feb. 13.
Form, Ceiling mold. P. Carilli. 2,206,939; July 9.
Form, Collapsible. H. C. Bostwick. 2,201,469; May 21.
Form, Collapsible shoulder dress. S. Wolf and L. Paganelli. 2,215,748; Sept. 24.
Form, Concrete. A. Fernandez. 2,208,302; July 16.
Form, Continuous. L. Pritzker. 2,209,951; Aug. 6.
Form, Continuous sheet duplicate. E. Hano. 2,220,842; Nov. 5.
Form, Deposition. H. D. Rice. 2,216,985; Oct. 8.
Form, Deposition. G. G. Wanless. 2,216,995; Oct. 8.
Form, Display. L. L. Greneker. 2,215,500; Sept. 24.
Form, Display. M. A. Heimann. 2,194,460; Mar. 26.
Form for displaying clothing. R. R. Williamson. 2,204,876; June 18.
Form for ledger cards, Duplicating statement. B. S. Davis. 2,185,662; Jan. 2.
Form for sectional concrete burial vaults, Adjustable. T. J. Burns. 2,186,097; Jan. 9.
Form, Garment. E. D. Browne. 2,187,965; Jan. 23.
Form, Garment. T. Eisenberg. 2,205,136; June 18.
Form, Ham. M. R. Reinhold. 2,226,832; Dec. 31.
Form hanger. E. A. Podd. 2,201,011; May 14.
Form hanging device. H. Mueller and G. B. Bosco. 2,215,972; Sept. 24.
Form, Hosiery. W. J. De Witt, I. Goodfellow, and C. L. Sims. 2,222,461; Nov. 19.
Form, Hosiery display. F. B. Gutermuth. 2,219,773; Oct. 29.
Form, Knockdown garment-drying. M. E. Burwell. 2,213,975; Sept. 10.
Form measuring device. E. E. Koe. Re. 21,459; May 21.
Form, Mold. H. F. Hagemeyer. 2,197,212; Apr. 16.
Form, Mold. H. F. Hagemeyer. 2,206,034; July 2.
Form-retaining appliance for wearing apparel. A. Cherné. 2,206,161; July 2.
Form truing. D. W. Martin. 2,187,690; Jan. 16.
Form wall sustaining means. S. S. Colt. 2,190,701; Feb. 20.
Formation sealing composition. V. W. David. 2,213,038; Aug. 27.
Formation tester. G. W. Rusler and V. V. Vacquier. 2,218,155; Oct. 15.
Formation testing method and apparatus. C. E. Burt. 2,187,486; Jan. 16.
Formations, Plugging. W. B. Lerch, T. M. White, and E. J. Gatchell. 2,214,423; Sept. 10.
Formations traversed by a bore hole, Method of and apparatus for surveying the. C. Schlumberger. 2,191,119; Feb. 20.
Former for cigarette machines. J. W. Leary. 2,190,032; Feb. 13.
Former for garments. A. Greco and C. S. Jordan. 2,206,605; July 2.
Forming apparatus. W. Morsing. 2,214,624; Sept. 10.
Forming device. M. B. Lucker. 2,222,910; Nov. 26.
Forming machine. F. Hunziker. 2,211,622; Aug. 13.
Forming tool. L. Smith. 2,207,181; July 9.
Forms, Apparatus for making plastic. L. L. Smith. 2,187,562; Jan. 16.
Forms for use in the formation of expansion joints. C. H. Bauer. 2,210,356; Aug. 6.
Forms, Making. S. T. Peterson. 2,224,196; Dec. 10.
Forms, Producing tooth. J. R. Schwartz. 2,186,468; Jan. 9.
Formaldehyde by electrosynthesis from carbon monoxide and hydrogen, Manufacture of. E. Ricard. 2,205,542; June 25.
Formaldehyde compounds, Condensing. W. E. Hanford and R. S. Schreiber. 2,224,910; Dec. 17.
Formaldehyde, Producing. W. A. Bone and D. M. Newitt. 2,196,188; Apr. 9.
Formaldehyde-urea composition containing a latent accelerator. D. E. Cordier. 2,223,816; Dec. 3.
Formaldehyde-urea molding composition. D. E. Cordier. 2,203,772–3; June 11.
Formaldehyde-urea molding composition. D. E. Cordier. 2,223,817; Dec. 3.
Formaldehyde-urea molding composition. J. K. Simons. 2,203,800; June 11.
Formaldehyde-urea molding compositions. L. S. Meyer. 2,203,794; June 11.
Formaldehyde with urea and phenyl thiourea, Condensation of. H. Dohse and R. Röber. 2,189,563; Feb. 6.
Formamides, Production of N-substituted. D. J. Loder. 2,204,371; June 11.
Foul detector for bowling alleys, Electric. A. J. Glendenning and G. S. Dunlap. 2,214,274; Sept. 10.
Foundation members for electric discharge devices, Sensitizing. W. Lautsch. 2,209,821; July 30.
Foundations, Preserving. R. Litz and J. A. Roe. 2,219,710; Oct. 29.
Fountain attachment for faucets, Drinking. A. Van D. Worthington. 2,222,273; Nov. 19.
Fountain, Automatic liquid dispensing. M. Mazzanobile. 2,201,545; May 21.
Fountain bubbler, Drinking. J. F. Duncan. 2,200,079; May 7.
Fountain cleaning device. J. A. Wisner. 2,204,200; June 11.
Fountain, Drinking. S. L. Aub and W. B. Long. 2,202,807; May 28.
Fountain, Drinking. C. J. Deal. 2,207,458; July 9.
Fountain, Drinking. H. C. Munson. 2,220,421; Nov. 5.
Fountain, Drinking. H. L. Spade. 2,218,687; Oct. 22.
Fountain for use in printing machines, Ink. W. F. Huck. 2,210,243; Aug. 6.
Fountain head, Drinking. E. W. Marchand. 2,222,567; Nov. 19.
Fountain pen holder. G. K. Bodó. 2,198,756; Apr. 30.
Fountain, Poultry. L. Haga. 2,200,272; May 14.
Fountain, Poultry drinking. J. J. Austin. 2,224,211; Dec. 10.
Fountain, Printing press. H. C. Behrens. 2,190,929; Feb. 20.
Fountain, Sanitary poultry. M. R. and D. R. Shaw. 2,193,258; Mar. 12.
Fountain, Wash. H. E. Heine. 2,196,301; Apr. 9.
Fountain washer. O. N. Acrey. 2,217,092; Oct. 8.
4-chlor-4′-diethylamino benzophenone, Preparation of. P. D. Hammond and R. W. Harris. 2,223,517; Dec. 3.
4,4-diaminodiphenyl sulphones and making them, Substituted. M. S. Kharasch and O. Reinmuth. 2,224,156; Dec. 10.
Four pole device for nonlinear resistors. E. Hölzler. 2,212,832; Aug. 27.
Four-way valve. G. Stumpf. 2,218,861; Oct. 22.
Fowl-dressing appliance. M. Huschka. 2,189,421; Feb. 6.
Fowl holder. S. T. Van Meter. 2,188,024; Jan. 23.
Fowl-stuffing retainer. E. N. Archer. 2,202,512; May 28.
Fractional condenser. M. H. Kotzebue. 2,195,887; Apr. 2.
Fractionating tower. D. L. Dodds. 2,223,556; Dec. 3.
Fractionator distillate outlet. M. P. Youker. 2,220,009; Oct. 29.
Fractionator, Electrostatic. P. Subkow. 2,209,798; July 30.
Fracture reducing and limb lengthening device. E. J. Baboush. 2,198,871; Apr. 30.
Fracture reduction apparatus. R. W. Wilcox. 2,204,266; June 11.
Frame: *See*—
Adjustable frame.
Automobile frame.
Automobile loading frame.
Automotive frame.
Axminster setting frame.
Blocking frame.
Car frame.
Carpet weaving frame.
Creel frame.
Etching or deposition frame.
Flat knitting frame.
Furnace door frame.
Hack saw frame.
Handbag frame.
Harness frame.
Hatch frame.
Heddle frame.
Hosiery knitting frame.
Hotbed frame.
Initial frame.
License plate frame.
License tag supporting frame.
Mirror and picture frame.
Motor frame.
Pasteboard printing frame.
Photograph frame.
Photographic printing frame.
Picture frame.
Poster display frame.
Quilting frame.
Ring spinning frame.
Roving frame.
Sash frame.
Setting frame.
Side frame.
Spinning and twister frame.
Trailer frame.
Tubular frame.
Umbrella frame.
Velocipede frame.
Welding frame.
Window and door frame.
Window frame.
Windshield frame.
Frame. F. H. Fredman. 2,192,545; Mar. 5.
Frame and making same, Bicycle. J. H. Dunn. 2,187,020; Jan. 16.
Frame and pedestal toe arrangement for locomotives, Combined. E. O. Elliott. 2,208,792; July 23.
Frame for automobiles, Metal door. P. O. Krogh. 2,200,555; May 14.
Frame for badminton and tennis rackets. C. A. Thompson. 2,211,587; Aug. 13.
Frame for beds, Tent. L. J. Felciano. 2,190,867; Feb. 20.
Frame for beehives, Comb. H. L. Rushing. 2,201,100; May 14.
Frame for counters and tables. H. Gottesman. 2,205,376; June 18.
Frame for handbags or the like, Separable. C. D. Buckley. 2,194,846; Mar. 26.
Frame for lamp shades, Wire. P. Labuda. 2,206,508; July 2.
Frame for snow removing mechanism, Carrying. W. E. Klauer. 2,216,782; Oct. 8.
Frame for spinning fibers of various staple dimensions, Passage type drawing. H. Kluftinger. 2,188,408; Jan. 30.
Frame for sprue formers, Skeleton form. C. E. Summy. 2,219,640; Oct. 29.

Frame for supporting eyeshields, Head. L. R. Cornell. 2,187,932; Jan. 23.
Frame for treating vegetable, animal, or artificial fibers of varying lengths, Drawing. J. Weinberger. 2,223,589; Dec. 3.
Frame for water bags, Supporting. E. H. Tompkins and W. T. Dowling. 2,213,937; Sept. 3.
Frame for winding bobbins with cylindrical layering, Winding. H. Treckmann. 2,227,044; Dec. 31.
Frame members, Connecting. H. J. Sharp. 2,188,209; Jan. 23.
Frame of a collapsible boat, Flexible. G. Werner. 2,198,687; Apr. 30.
Frame structure. L. C. Frank. 2,199,089; Apr. 30.
Frame structure and attaching clip. W. R. Wiley. Mar. 19.
Frame structure for handbags, luggage, and the like. B. Stember. 2,187,796; Jan. 23.
Frame structure for railway motor cars. O. H. Brauer. 2,211,095; Aug. 13.
Frame structures, Forming metallic. A. Lang. 2,219,595; Oct. 29.
Frame support. A. J. Wier. 2,191,637; Feb. 27.
Frame work and constructing the same, Skeleton. J B. Goldsborough. 2,194,279; Mar. 19.
Framework for motor vehicles, Metal. V. Valletta. 2,226,790; Dec. 31.
Framing and furring structures for partitions, walls, and ceilings. P. Thomson. 2,225,574; Dec. 17.
Framing device for motion picture projectors. H. A. de Vry. Re. 21,388; Mar. 12.
Framing, Door or window. H. S. Curren. 2,223,338; Dec. 3.
Frankfurter and tenderizing the same. W. N. Justice. 2,206,256; July 2.
Frankfurter-forming apparatus. F. W. Trabold. 2,199,275; Apr. 30.
Free piston machine. P. R. Pateras. 2,189,497; Feb. 6.
Free-play device. M. Gensburg. 2,207,617; July 9.
Freewheeling unit. F. Kreis. 2,215,615; Sept. 24.
Freezer. O. E. Seiffert. 2,226,264; Dec. 24.
Freezer for electrical refrigerators, Ice-cream. R. Hamilton and R. Hudson. 2,200,273; May 14.
Freezer for refrigerators, Ice cream. B. L. Nisbet. 2,198,835; Apr. 30.
Freezer, Ice cream. J. W. Meyer, Jr. and A. Ruttiman. 2,185,643; Jan. 2.
Freezer, Ice cream. W. J. Napavance. 2,213,368; Sept. 3.
Freezer, Ice cream. H. C. Parrish. 2,194,719; Mar. 26.
Freezing device. L. M. Stovall. 2,214,312; Sept. 10.
Freight car brake. W. H. Baselt. 2,211,712; Aug. 13.
Freight car brake. W. H. Baselt. 2,215,064; Sept. 17.
Freight car brake. W. H. Baselt. 2,226,507; Dec. 24.
Freight container. B. F. Fitch, Z. M. Lane, and R. A. Norbom. 2,218,706; Oct. 22.
Freight, Handling. E. W. Erickson. 2,226,294; Dec. 24.
Frequency analyzer. R. B. Bourne. 2,219,803; Oct. 29.
Frequency changer. W. R. Koch. 2,186,544; Jan. 9.
Frequency changer. W. P. Overbeck. 2,185,418; Jan. 2.
Frequency changer. K. Posthumus. 2,190,731; Feb. 20.
Frequency changer. J. Slepian and L. R. Ludwig. 2,193,603; Mar. 12.
Frequency changer, Superheterodyne. A. I. F. Simpson and L. C. Stenning. 2,211,352; Aug. 13.
Frequency changing. R. R. Riesz. 2,219,021; Oct. 22.
Frequency changing and control apparatus. J. L. Steward. 2,212,653; Aug. 27.
Frequency comparison and measurement. C. W. Hansell. 2,207,540; July 9.
Frequency control, Automatic. N. M. Rust. 2,217,294; Oct. 8.
Frequency control circuit, Automatic. G. Mountjoy and C. W. Finnigan. 2,200,038; May 7.
Frequency control system, Automatic. G. Mountjoy. 2,207,934; July 16.
Frequency determining circuit. R. A. Henderson. 2,210,406; Aug. 6.
Frequency discriminating network. W. R. Koch. 2,203,498; June 4.
Frequency discriminator network. L. Brück. 2,214,574; Sept. 10.
Frequency divider. W. E. Kock and J. F. Jordan. 2,185,635; Jan. 2.
Frequency-dividing system. H. M. Lewis. 2,221,452; Nov. 12.
Frequency indicator. H. A. Wheeler. 2,189,848; Feb. 13.
Frequency measuring apparatus. B. C. Lansdale. 2,221,591; Nov. 12.
Frequency measuring device. A. C. Stocker, H. J. Schrader, and B. W. Robins. 2,186,182; Jan. 9.
Frequency meter. J. L. Hathaway. 2,218,642; Oct. 22.
Frequency modulated waves, Measurement of. R. C. Newhouse. 2,218,923; Oct. 22.
Frequency modulated waves, Transmission and reception of. H. Nyquist. 2,188,758; Jan. 30.
Frequency-modulated waves, Transmission of. O. E. DeLange. 2,218,526; Oct. 22.
Frequency modulation. R. Bown. 2,212,338; Aug. 20.
Frequency modulation. J. L. Finch. 2,225,691; Dec. 24.
Frequency modulation signaling system. E. H. Armstrong. 2,215,284; Sept. 17.
Frequency modulation system. J. G. Chaffee. 2,218,524; Oct. 22.
Frequency multiplier. V. H. Fraenckel. 2,222,899; Nov. 26.
Frequency multiplier, Ultra short wave. W. Engbert. 2,200,330; May 14.
Frequency reducer, Multistage. K. Schlesinger. 2,227,019; Dec. 31.
Frequency reduction device. K. Schlesinger. 2,227,008; Dec. 31.
Frequency separation circuit, Television intermediate. R. B. Dome. 2,219,175; Oct. 22.
Frequency stabilizer. R. Orthuber and E. Steudel. 2,185,606; Jan. 2.
Frequency stabilizing arrangement. C.-E. Granqvist. 2,201,770; May 21.
Frequency transposer or converter and circuit therefor. F. H. Stieltjes. 2,226,026; Dec. 24.
Frequency variation response circuit. G. Guanella. 2,220,098; Nov. 5.
Frequency variation response circuit. I. Zakariás. 2,208,091; July 16.
Friction bolster spring. D. F. Sproul. 2,220,128; Nov. 5.
Friction clutch. H. W. Cardwell. 2,213,361; Sept. 3.
Friction clutch. G. Carwardine. 2,191,846; Feb. 27.
Friction clutch. F. B. Halford. 2,209,884; July 30.
Friction clutch. F. B. Halford. 2,210,855; Aug. 6.
Friction clutch. H. G. Ingersoll and A. C. Borg. 2,189,534; Feb. 6.
Friction clutch. E. W. Jensen and C. E. Ives. 2,199,999; May 7.
Friction clutch. J. N. Kiep and H. Sinclair. 2,210,416; Aug. 6.
Friction clutch. L. Knöchl. 2,210,459; Aug. 6.
Friction clutch. H. Nutt and R. L. Smirl. 2,219,139; Oct. 22.
Friction clutch. H. V. Reed. 2,196,475; Apr. 9.
Friction clutch. H. V. Reed. 2,217,078; Oct. 8.
Friction clutch. H. V. Reed. 2,219,114; Oct. 22.
Friction clutch. C. B. Spase. 2,217,529; Oct. 8.
Friction clutch. W. V. Thelander. 2,214,780; Sept. 17.
Friction clutch. W. S. Wolfram. 2,195,663–6; Apr. 2.
Friction clutch. W. S. Wolfram. 2,211,192; Aug. 13.
Friction element. A. B. Kempel. 2,218,680; Oct. 22.
Friction facing and making same. M. F. Judd. 2,218,535; Oct. 22.
Friction facing and making the same. G. E. Pope. 2,224,924; Dec. 17.
Friction feeder. F. J. Breman and E. F. Dell. 2,224,137; Dec. 10.
Friction feeder. N. Trydal. 2,224,138; Dec. 10.
Friction gear. G. Neuhaus. 2,218,434; Oct. 15.
Friction latch. M. Lumley. 2,226,868; Dec. 31.
Friction material. C. Bockius, C. S. Batchelor, and J. A. Cook. 2,217,001; Oct. 8.
Friction material. J. H. Matthews. 2,201,191; May 21.
Friction transmission device. Y. A. Ahnger. 2,209,254; July 23.
Friction wheel gear. J. Beier. 2,222,281; Nov. 19.
Frictionally driven switch. H. E. Metcalf. 2,186,765; Jan. 9.
Friedel-crafts reactions, Facilitating. A. W. Ralston and R. J. Vander Wal. 2,189,383; Feb. 6.
Front end construction for manure spreaders. C. R. Raney, R. D. MacDonald, and W. F. Schmied. 2,211,909; Aug. 20.
Front end suspension for track-laying tractors. J. G. Heaslet. 2,223,802; Dec. 3.
Front operated switch. R. N. Rowe. 2,213,657; Sept. 3.
Front sight tightening tool. C. E. Harris. 2,193,813; Mar. 19.
Frost and ice removed for windshields. E. L. and G. H. Erickson. 2,212,095; Aug. 20.
Froth-floation machine. S. Tucker. 2,190,852; Feb. 20.
Froth flotation reagent. M. Vogel-Jorgensen. 2,216,992; Oct. 8.
Frozen bodies, Forming, refrigerating, and harvesting. R. J. Cowling. 2,204,474; June 11.
Fruit and vegetable cutting apparatus. G. E. Rieder. 2,219,963; Oct. 29.
Fruit and vegetable display device. B. W. Kirkby. 2,189,114; Feb. 6.
Fruit and vegetable package. G. D. Bishop. 2,202,616; May 28.
Fruit and vegetable washing and drying apparatus. F. E. Moore. 2,195,371; Mar. 26.
Fruit brusher, Planetary transverse. H. J. Brandenburg. 2,196,851; Apr. 9.
Fruit cleaning machine. C. A. Willard. 2,221,159; Nov. 12.
Fruit cutting device. A. Cravaritis. 2,226,372; Dec. 24.
Fruit cutting device. M. C. Hjelte. 2,209,295; July 23.
Fruit cutting machine. M. C. Hjelte and F. N. Todd. 2,203,627; June 4.
Fruit cutting machine. J. S. Nicoll, A. O. Giles, T. Marucka, B. J. Butler, and C. M. Countryman. 2,187,326; Jan. 16.
Fruit cutting support. L. J. Zaharako. 2,195,951; Apr. 2.
Fruit gratings and preparing same, Citrus. E. L. Jack. 2,218,534; Oct. 22.
Fruit gratings and the preparation thereof, Citrus. R. E. Webb and W. Platt. 2,219,026; Oct. 22.
Fruit handling and treating machine. P. Jepson. 2,226,664; Dec. 31.

Fruit handling mechanism. E. W. Carroll. 2,208,474; July 16.
Fruit juice extractor. H. Fromm. 2,186,671; Jan. 9.
Fruit juice extractor. M. Salz. 2,195,828; Apr. 2.
Fruit juicer, Citrus. R. Polk, Sr., and R. Polk, Jr. 2,212,925; Aug. 27.
Fruit juices, Concentrating citrus. G. H. Meinzer. 2,187,572; Jan. 16.
Fruit juices, Concentrating citrus. G. H. Meinzer. 2,190,991; Feb. 20.
Fruit juices, Conserving. J. W. Stevens. 2,217,261; Oct. 8.
Fruit, Juices, Sterilizing. G. H. Meinzer. 2,216,295; Oct. 1.
Fruit, Method and apparatus for recovering valuable constituents from citrus. L. A. Fry. 2,212,066; Aug. 20.
Fruit, Method and apparatus for treating. M. Ewald. Re. 21,540; Aug. 27.
Fruit, Method and apparatus for treating. M. Ewald. 2,201,967; May 21.
Fruit, Method of and apparatus for pitting. R. L. Ewald and H. A. Skog. 2,216,165; Oct. 1.
Fruit, Method of and apparatus for treating. M. Ewald. 2,197,794; Apr. 23.
Fruit orientating device, Continuous. E. W. Carroll. 2,220,511; Nov. 5.
Fruit orientor. G. P. Marsden. 2,195,628; Apr. 2.
Fruit peels and rinds, Preserving. W. C. Luban. 2,186,549; Jan. 9.
Fruit pitting machine. G. W. Ashlock, Jr. 2,212,892; Aug. 27.
Fruit pitting machine. G. Frova. 2,188,181; Jan. 23.
Fruit pitting machine. C. Lachman. 2,196,772; Apr. 9.
Fruit preparation machine. B. C. Coons. 2,187,075; Jan. 16.
Fruit, Preparation of glacé. C. Lachman. 2,209,889; July 30.
Fruit, Preservation of. A. E. Marshall. 2,193,636; Mar. 12.
Fruit-press structure. B. B. Manaster. 2,216,373; Oct. 1.
Fruit processing apparatus. S. M. Beede, Jr. and J. Kilburg. 2,186,471; Jan. 9.
Fruit processing apparatus. J. M. Hait. 2,197,377; Apr. 16.
Fruit-stemming machine. W. E. Urschel. 2,194,058; Mar. 19.
Fruit straightening device. G. W. Ashlock, Jr. 2,213,893; Sept. 3.
Fruit, Treating. J. J. Holzman. 2,191,695; Feb. 27.
Fruit, Treating. J. N. Sharma. 2,210,133; Aug. 6.
Fruit, Treating. J. N. Sharma. 2,211,390; Aug. 13.
Fruit treating apparatus. M. Ewald. 2,210,908–9; Aug. 13.
Fruit washing apparatus. E. G. Griffith. 2,221,676; Nov. 12.
Fruits and vegetables in preparation for market, Protective treatment of fresh. M. L. Trowbridge and C. D. Cothran. 2,196,164; Apr. 2.
Fruits and vegetables, Treating. W. E. Baier. 2,191,553; Feb. 27.
Fruits, berries, trees, plants, and the like, Treating. R. B. Dustman. 2,213,809; Sept. 3.
Fruits, Treating. J. N. Sharma. 2,212,621; Aug. 27.
Fryer and agitator, Potato chip. J. A. Reidenbach. 2,186,345; Jan. 9.
Fryer and cooker, Combination. E. M. Trackwell. 2,205,160; June 18.
Fryer, Bacon. R. C. Ingersoll. 2,200,335; May 14.
Fryer, Deep fat food. K. P. Tota. 2,212,905; Aug. 27.
Frying apparatus. K. L. Childs. 2,219,949–50; Oct. 29.
Frying apparatus. J. Galban y Carlo. 2,196,353; Apr. 9.
Frying machine, Deep-fat. K. E. Bemis. 2,196,968; Apr. 16.
Fuel-air mixture control for internal combustion engines. A. Schweizer and M. Hurst. 2,213,997; Sept. 10.
Fuel and preparing the same, Motor. H. G. Schneider and W. H. Smyers. 2,225,942; Dec. 24.
Fuel, Antiknock. F. J. Sowa. 2,212,992; Aug. 27.
Fuel, Apparatus for burning solid. G. Ganner. 2,186,581; Jan. 9.
Fuel, Artificial. N. F. Bette-Bennett. 2,215,536; Sept. 24.
Fuel briquette and making same. F. Passarelli. 2,227,363; Dec. 31.
Fuel briquette and making same. G. G. Rick and C. E. Loetel. 2,217,994; Oct. 15.
Fuel briquettes, and binding agent suitable therefor, Making. A. Futo. 2,207,459; July 9.
Fuel burner. R. A. Fenzl. 2,192,996; Mar. 12.
Fuel burner. E. G. Peterson. 2,190,190; Feb. 13.
Fuel burner. F. S. Thomas. 2,214,568; Sept. 10.
Fuel burner control system. W. J. McGoldrick. 2,194,245; Mar. 19.
Fuel burner, Liquid. K. P. Brace. 2,199,777; May 7.
Fuel burner, Liquid. C. V. Hadjeff. 2,198,511; Apr. 23.
Fuel burner, Liquid. W. M. Simpson. 2,195,264; Mar. 26.
Fuel burner, Oil or liquid. G. W. Whitehurst. 2,196,572; Apr. 9.
Fuel burner system, Multiple. R. J. Plein. 2,212,352; Aug. 20.
Fuel burning apparatus, Fluid. W. W. Williams. 2,223,435; Dec. 3.
Fuel burning apparatus, Liquid. J. A. Wilson and N. H. Sutterfield. 2,220,858; Nov. 5.
Fuel burning device, Automatic. M. M. Castagna. 2,216,109; Oct. 1.
Fuel burning system and regulating apparatus, Liquid. F. R. Whitcomb. 2,193,659; Mar. 12.
Fuel combustion. P. A. Astradsson. 2,216,178; Oct. 1.
Fuel combustion. G. Dalén and G. E. Björklund. 2,212,061; Aug. 20.
Fuel, Combustion of liquid. E. A. Jones, M. L. Lavorgna, J. C. Westmont, and S. C. Olson. 2,221,519; Nov. 12.
Fuel composition, Motor. F. R. Moser. 2,218,135; Oct. 15.
Fuel composition, Motor. R. Rosen. 2,205,107; June 18.
Fuel consumption indicator. P. O. Sköldberg. 2,207,880; July 16.
Fuel consumption tester. J. J. Zotter. 2,201,019; May 14.
Fuel control device. W. F. Jackson. 2,201,399; May 21.
Fuel control device. W. F. Jackson. 2,224,187; Dec. 10.
Fuel control for scarfing torches and the like, Automatic. W. Van Triest. 2,224,171; Dec. 10.
Fuel converter, Liquid. S. B. Brown. 2,188,072; Jan. 23.
Fuel delivery apparatus for injection internal combustion engines. H. Heinrich and J. F. Janssen. 2,215,756; Sept. 24.
Fuel delivery device for stokers. H. C. Carter. 2,186,404; Jan. 9.
Fuel, Diesel. D. E. Badertscher and M. S. Altamura. 2,218,447; Oct. 15.
Fuel, Diesel. H. G. Berger, R. S. George, and E. M. Nygaard. 2,206,594; July 2.
Fuel, Diesel. G. S. Crandall. 2,188,262; Jan. 23.
Fuel, Diesel. E. Lieber and P. Miller. 2,214,059; Sept. 10.
Fuel, Diesel engine. C. C. Moore, Jr., and G. C. Shepherd, Jr. 2,220,345; Nov. 5.
Fuel distributing apparatus. H. E. Lippert. 2,189,075; Feb. 6.
Fuel distributing device. W. T. Hanna. 2,220,864; Nov 5.
Fuel distributing device. A. L. Parker. 2,189,675; Feb. 6.
Fuel distributing mechanism, Stoker. A. R. Chalker. 2,224,375; Dec. 10.
Fuel distributing unit. A. L. Parker. 2,189,674; Fig. 6.
Fuel distribution, Coke oven. W. H. Pavitt. 2,199,961; May 7.
Fuel distributor. P. A. Ketchpel. 2,210.550; Aug. 6.
Fuel during operation of gas engines, Conditioning. F. R. Ackerman. 2,213,132; Aug. 27.
Fuel, Engine. B. H. Lincoln. 2,214,768; Sept. 17.
Fuel feed control. R. W. De Lancey. 2,219,473; Oct. 29.
Fuel feed control mechanism. B. F. Bower. 2,185,686; Jan. 2.
Fuel feed for internal combustion engines. C. E. Spindler. 2,185,573; Jan. 2.
Fuel feed system. W. H. Weber. 2,205,639; June 25.
Fuel feeding and distributing apparatus for oil burning engines. C. L. Cummins. 2,210,067; Aug. 6.
Fuel feeding apparatus. H. J. Pinder. 2,224,797; Dec. 10.
Fuel feeding device. J. R. Rankin. 2,213,994; Sept. 10.
Fuel feeding device for internal combustion engines. H. A. Myers. 2,201,448; May 21.
Fuel feeding means for internal combustion engines. W. H. Richards. 2,220,949; Nov. 12.
Fuel feeding means for internal combustion engines and the like. C. L. and J. A. Bowen. 2,197,236; Apr. 16.
Fuel feeding mechanism. T. A. Banning, Jr. 2,213,683; Sept. 3.
Fuel for compression ignition engines. D. Lipkin. 2,221,839; Nov. 19.
Fuel from wax, Motor. E. W. Thiele. 2,205,607; June 25.
Fuel heater. M. E. Chandler. 2,196,330; Apr. 9.
Fuel ignition, Automatic. V. O. Beam. 2,192,631; Mar. 5.
Fuel ignition, Method and composition for improving Diesel. H. B. Wellman. 2,226,298; Dec. 24.
Fuel ignition promoter, Diesel. P. Miller and G. H. Cloud. 2,225,879; Dec. 24.
Fuel injection. J. E. Tuscher. 2,190,051; Feb. 13.
Fuel injection device. H. Müller and A. Pischinger. 2,206,914; July 9.
Fuel-injection engine. A. F. Sanders. 2,195,709; Apr. 2.
Fuel injection head. J. P. Burke. 2,199,739; May 7.
Fuel injection pump. T. V. Buckwalter. 2,192,372; Mar. 5.
Fuel injection pump. W. E. Buttle. 2,221,179; Nov. 12.
Fuel injection pump. H. C. Edwards. 2,188,859; Jan. 30.
Fuel injection pump. R. L'Orange. 2,207,324; July 9.
Fuel injection pump. O. Schlaupitz. 2,192,387; Mar. 5.
Fuel injection system for internal combustion engines. G. Amery. 2,191,186; Feb. 20.
Fuel injection valve, Automatic. H. J. Frank. 2,192,884; Mar. 12.
Fuel injector for Diesel motors. A Perrine. 2,225,796. Dec. 24.
Fuel, Manufacture of motor. B. S. Greensfelder and R. N. Shiras. 2,204,215; June 11.
Fuel metering and injecting device for internal combustion engines. V. R. Petty. 2,195,037; Mar 26.
Fuel metering distributor. F. B. MacKay. 2,206,361; July 2.

Fuel, Method of and apparatus for burning. E. G. Bailey. 2,222,756; Nov. 26.
Fuel mixing and supply apparatus. D. E. Denson. 2,216,722; Oct. 8.
Fuel mixing device. F. Koch. 2,210,812; Aug. 6.
Fuel mixing device. E. L. Lewis. 2,216,846; Oct. 8.
Fuel, Motor. J. H. Boyd, Jr. 2,222,649; Nov. 26.
Fuel, Motor. L. M. Christensen. 2,194,495; Mar. 26.
Fuel, Motor. M. A. Dietrich. 2,197,851; Apr. 23.
Fuel, Motor. L. Heard and A. G. Oblad. 2,209,458; July 30.
Fuel, Motor. C. M. Hull. 2,199,132; Apr. 30.
Fuel, Motor. J. Jannek. 2,208,514; July 16.
Fuel, Motor. D. Lipkin. 2,210,942; Aug. 13.
Fuel, Motor. T. B. McCulloch and J. E. Pollock. 2,209,204; July 23.
Fuel, Motor. F. M. Pyzel. 2,218,137; Oct. 15.
Fuel of the nitrocellulose-gel type, Alcohol. P. B. Onderdonk. 2,207,894; July 16.
Fuel oil burner. J. C. Reynolds. 2,222,854; Nov. 26.
Fuel oil burner, Portable. C. J. Ramsey. 2,218,154; Oct. 15.
Fuel oil pump. R. W. Doeg. 2,207,002; July 9.
Fuel or the like, Burning liquid. T. Nagel. 2,206,552; July 2.
Fuel out of the induction conduit of internal combustion engines, Arrangement for drawing. G. Scheerer. 2,201,014; May 14.
Fuel product, Motor. T. H. Rogers and V. Voorhees. 2,191,204; Feb. 20.
Fuel production, Motor. G. Armistead, Jr. 2,218,017; Oct. 15.
Fuel, Production of liquid. T. W. Pfirrmann. 2,213,407; Sept. 3.
Fuel, Production of motor. H. V. Atwell. 2,187,696; Jan. 16.
Fuel, Production of motor. H. Dimmig. 2,217,588; Oct. 8.
Fuel pulverizing apparatus. R. M. Hardgrove. 2,185,459; Jan. 2.
Fuel pump. L. Beeh. 2,219,002; Oct. 22.
Fuel pump. J. P. Johnson. 2,189,210; Feb. 6.
Fuel pump. J. P. Johnson. 2,196,500; Apr. 9.
Fuel pump, Two-stage. A. C. Kleckner. 2,223,070; Nov. 26.
Fuel pump, Variable displacement. J. P. Johnson. 2,192,660; Mar. 5.
Fuel regulator latch. T. H. Jeffers. 2,214,730; Sept. 17.
Fuel supply and igniting means for water heaters. J. E. Browning. 2,208,719; July 23.
Fuel supply and ignition system. J. C. Woodson. 2,201,385; May 21.
Fuel supply control means. E. J. Dillman. 2,214,272; Sept. 10.
Fuel supply control mechanism. S. P. Christie. 2,202,087; May 28.
Fuel supply mechanism for gasoline stoves. G. E. Pickup. 2,191,727; Feb. 27.
Fuel supply mechanism for oil stoves, Liquid. D. H. Lapointe. 2,186,726; Jan. 9.
Fuel supply pump. W. J. Smith and W. W. Slaght. 2,209,856; July 30.
Fuel supply system. G. R. Ericson. 2,216,703; Oct. 1.
Fuel supply system, Liquid. E. F. Martel. 2,208,995; July 23.
Fuel system for engines. N. C. Price. 2,195,825; Apr. 2.
Fuel system for engines. R. W. Ross. 2,205,750; June 25.
Fuel system for internal combustion engines. A. K. Antonsen. 2,222,274; Nov. 19.
Fuel system for internal combustion engines. F. F. Kishline and H. G. Sanger. 2,193,533; Mar. 12.
Fuel tank. T. M. Ball and A. J. E. Roualet. 2,208,621; July 23.
Fuel tank and bonnet support. J. G. Heaslet. 2,217,251; Oct. 8.
Fuel tank and seat mounting. D. B. Baker. 2,200,764; May 14.
Fuel tank selector simulating single or multiple fuel tank supply for ground trainers. C. W. Muller. 2,218,546; Oct. 22.
Fuel temperature regulator and distributor. O. C. Betry. 2,214,400; Sept. 10.
Fuel, Treatment of motor. V. Komarewsky. 2,203,825; June 11.
Fuel, Treatment of motor. F. W. McCurry. 2,214,749; Sept. 17.
Fuel, Treatment of motor. J. C. Morrell. 2,203,836; June 11.
Fuel, Treatment of motor. J. C. White. 2,219,859; Oct. 29.
Fuel vaporizing apparatus for internal combustion engines. A. J. Boatright and A. T. Newman. 2,205,388; June 25.
Fuel, Vulcanizing. R. H. Churchill. 2,186,667; Jan. 9.
Fuels, Burning fluid. T. Nagel. 2,206,553; July 2.
Fuels, Combustion of. G. B. Murphy and W. H. Hubner. 2,203,838; June 11.
Fuels from hydrocarbon gases, Producing motor. C. R. Wagner. 2,211,248; Aug. 13.
Fuels, Gasifying liquid. E. Rector. 2,196,536; Apr. 9.
Fuels, Increasing the combustibility of hydrocarbon. R de Lamprecht. 2,194,887; Mar. 26.
Fuels, Manufacture of motor. V. Ipatieff and R. E. Schaad. 2,202,104; May 28.
Fuels, Producing high antiknock motor. R. F. Marschner. 2,213,345; Sept. 3.
Fuels, Production of hydrocarbon. A. E. Pew, Jr. 2,197,008; Apr. 16.
Fuels, Production of low boiling motor. M. Pier. 2,203,842; June 11.
Fuels, Production of motor. J. T. Ward. 2,222,055; Nov. 19.
Fuels, Solvent refining of motor. W. B. Pings. 2,221,846; Nov. 19.
Fuels, Treatment of motor. F. R. Bean. 2,201,553; May 21.
Fuels with aromatic esters, Treatment of motor. F. R. Bean. 2,211,313; Aug. 13.
Fullering wheel. W. E. Carr. 2,218,637; Oct. 22.
Fumaric acid, Preparation of. L. U. Spence and J. C. Mitchell. 2,208,519; July 16.
Fume digester. W. S. Callahan. 2,201,520; May 21.
Fume tube. A. I. Newman. 2,210,176; Aug. 6.
Fungicidal preparation. W. P. ter Horst. 2,217,207; Oct. 8.
Fungicidal preparation. C. L. Weirich. 2,223,142; Nov. 26.
Fungicide. M. C. Goldsworthy. 2,203,431; June 4.
Fungicide. W. P. ter Horst. 2,220,981; Nov. 12.
Funnel. G. S. Rogers. 2,197,987; Apr. 23.
Funnel, Detachable. M. O. Shell. 2,200,642; May 14.
Funnel, Drum end filling. V. E. Sprouse. 2,189,967; Feb. 13.
Funnel head with closure member for sprayer tanks. G. E. Bullock. 2,196,054; Apr. 2.
Funnel, particularly such as is used in conjunction with milk filters. K. Cordts. 2,193,508; Mar. 12.
Funnel support. J. Tate. 2,216,255; Oct. 1.
Fur articles and the like, Method and apparatus for removing particles from. W. G. Haertel. 2,199,372; Apr. 30.
Fur beating machine. R. C. Shepherd. 2,194,032; Mar. 19.
Fur, Carroted. W. C. Mercier. 2,193,637; Mar. 12.
Fur cleaning machine. L. E. Ayler. 2,206,148; July 2.
Fur cutting machine. J. A. Gundersen and G. A. Weingartner. 2,213,858; Sept. 3.
Fur fox tail, Leathered let-out. M. Schatz. 2,196,273; Apr. 9.
Fur or skin and its production. S. Gottfried. 2,225,267; Dec. 17.
Fur slitting apparatus. S. Deutscher. 2,222,256; Nov. 19.
Fur slitting device. S. Deutscher. 2,222,255; Nov. 19.
Fur treating composition and process. W. Page and M. Lefkowitz. 2,225,843; Dec. 24.
Fur treating preparation and method of treating furs. M. A. Sirotta. 2,194,773; Mar. 26.
Fur trimming plate and composite fur. E. Dulchin. 2,203,947; June 11.
Fur upon a carrier sheet, Apparatus for mounting. R. H. Plass. 2,188,156; Jan. 23.
Fur-unhairing machine. J. Golding. 2,196,672; Apr. 9.
Furs and producing the same, White. D. C. Pisarev. 2,199,365; Apr. 30.
Furs, Shearing. D. Turano. 2,206,243; July 2.
Furfuryl N-morpholine alkyl halide medicinal preparation. F. P. Nabenhauer. 2,185,219; Jan. 2.

Furnace: *See*—

Air furnace.
Air heating furnace
Annealing furnace.
Bell type furnace.
Blast furnace.
Boiler furnace.
Centrifuging electrically heated furnace.
Copper oxidizing furnace.
Dental furnace.
Displaceable furnace.
Draft regulated furnace.
Electric furnace.
Electric melting furnace.
Electric reaction furnace.
Floor furnace.
Gas furnace.
Heat treating furnace.
Heat treatment and heat treating furnace.
Heating furnace.
Hot air furnace.
Ingot furnace.
Melting furnace.
Metal melting furnace.
Molten bath furnace.
Multiple hearth calcining furnace.
Pipe bend furnace.
Pit furnace.
Radiant tube furnace.
Refining furnace.
Regenerative furnace.
Regenerator furnace.
Roasting furnace.
Salt bath furnace.
Skelp heating furnace.
Slagging furnace.
Solid fuel burning furnace.
Steel smelting furnace.
Stoker furnace.
Warm air furnace.
Wire drawing furnace.
Wire treating furnace.

Furnace. R. L. Beers. 2,211,637; Aug. 13.
Furnace. J. Blizard. 2,186,474; Jan. 9.
Furnace. W. R. Breeler. 2,191,438; Feb. 27.
Furnace. W. J. Campbell. 2,226,048; Dec. 24.
Furnace. E. H. Dau. 2,221,471; Nov. 12.
Furnace. S. K. Diggins. 2,209,913; July 30.
Furnace. B. S. Gillmor. 2,222,533; Nov. 19.
Furnace. L. C. Hamlink. 2,219,894; Oct. 29.
Furnace. L. W. Heller. Re. 21,331; Jan. 23.
Furnace. G. H. Howe. 2,197,642; Apr. 16.
Furnace. J. E. Krug. 2,216,117; Oct. 1.
Furnace. C. H. Lengyel. 2,210,551; Aug. 6.
Furnace. P. C. Lottes. 2,188,979; Feb. 6.
Furnace. A. W. Machlet. 2,224,404; Dec. 10.

Furnace. J. Mortenson. 2,224,460; Dec. 10.
Furnace. W. H. Rowand. 2,197,387; Apr. 16.
Furnace. A. F. Yates. 2,214,495; Sept. 10.
Furnace and construction thereof, Glass melting. P. G. Willetts. 2,186,223; Jan. 9.
Furnace and controls therefor, Hot air. G. H. Lippincott and E. H. Ruppert. 2,199,183; Apr. 30.
Furnace and heating hydrocarbons, Pipe still. D. G. Brandt. 2,221,469; Nov. 12.
Furnace and operating same, Gas heated. F. O. Hess. 2,215,080; Sept. 17.
Furnace and operating the same, Open hearth. H. Rateau and E. D. Gossett. 2,191,354; Feb. 20.
Furnace and the like, Oil burning. R. E. Young. 2,219,276; Oct. 22.
Furnace apparatus. J. Mirra. 2,209,533; July 30.
Furnace appliance. H. R. Lees. 2,190,877; Feb. 20.
Furnace arch construction. H. R. Siebert. 2,206,679; July 2.
Furniture, Article of. J. E. Nilsson and C. Frech. 2,217,584; Oct. 8.
Furnace attachment, Hot air. C. Lengyel. 2,191,349; Feb. 20.
Furnace bottom. F. Keydel. 2,211,127; Aug. 13.
Furnace charger. J. N. Richardson. 2,200,653; May 14.
Furnace charger. J. N. Richardson. 2,203,307; June 4.
Furnace charger. J. N. Richardson. 2,207,357; July 9.
Furnace charging. H. R. MacMichael. 2,211,957; Aug. 20.
Furnace charging, Blast. F. H. Crockard. 2,194,971; Mar. 26.
Furnace circulating means, Hot air. J. H. Russell. 2,214,479; Sept. 10.
Furnace construction. H. F. Curtis. 2,190,375; Feb. 13.
Furnace construction. G. L. Danforth, Jr. 2,206,944; July 9.
Furnace construction. R. E. Griffith. 2,192,642; Mar. 5.
Furnace construction. T. Teeters. 2,186,740; Jan. 9.
Furnace construction. H. E. Woolery. 2,205,451; June 25.
Furnace construction, Blast. W. T. Clark. 2,215,368; Sept. 17.
Furnace construction, Blast. W. B. Clemmitt and J. C. Hayes. 2,200,488; May 14.
Furnace construction, Blast. G. Fox, A. J. Whitcomb, and O. R. Rice. 2,215,872; Sept. 24.
Furnace construction, Cupola type. R. H. McCarroll, C. A. Reams, and W. R. Powers. 2,209,786; July 30.
Furnace control. C. M. Selby. 2,225,184; Dec. 17.
Furnace control system. M. J. Maynard. 2,188,865; Jan. 30.
Furnace door. L. J. Hollman and W. F. Noel. 2,221,350; Nov. 12.
Furnace door frame, Water-cooled. E. J. McDonnell. 2,211,544; Aug. 13.
Furnace door, Water cooled. E. J. McDonnell. 2,219,693; Oct. 29.
Furnace electrode. R. J. McNitt. 2,213,073; Aug. 27.
Furnace for burning fuel consisting of combustible and incombustible material. J. E. Greenawalt. 2,191,712; Feb. 27.
Furnace for melting glass, Electric. E. V. Borel. 2,225,616; Dec. 24.
Furnace for solid fuels. E. J. B. Coenen. 2,214,404; Sept. 10.
Furnace for the combustion of lignite and semibituminous coal. O. S. Bowman. 2,190,973; Feb. 20.
Furnace for the continuous annealing of bands, sheets, and wires. E. Vits. 2,185,655; Jan. 2.
Furnace heating control. E. K. Hansen. 2,214,582; Sept. 10.
Furnace or the like, Electric steel. W. Linder. 2,200,372; May 14.
Furnace pressure regulation. J. J. Klinker. 2,225,871; Dec. 24.
Furnace process, Blast. J. M. Avery. 2,216,727; Oct. 8.
Furnace, Melting. J. J. Mader. Re. 21,332; Jan. 23.
Furnace, Method and apparatus for roasting and smelting in a hearth. H. R. MacMichael. 2,211,932; Aug. 20.
Furnace, Method of operating mineral wool. W. R. Seigle, H. J. O'Brien, and G. S. Smith. 2,215,887; Sept. 24.
Furnace of the vertical type, Continuous heat treating. T. Stassinet. 2,206,734; July 2.
Furnace, Operating an iron blast. A. J. Boynton. 2,208,245; July 16.
Furnace power system, Blast. J. M. Avery. 2,192,885; Mar. 12.
Furnace regulating system. C. I. Goodhart, Chicago, Ill. 2,211,501; Aug. 13.
Furnace regulator. C. A. Harpman. 2,212,398; Aug. 20.
Furnace structure. F. H. Brown. 2,187,725; Jan. 23.
Furnace structure, Annealing. C. B. Hoak. 2,196,167; Apr. 2.
Furnace support. F. and M. Schneider. 2,195,684; Apr. 2.
Furnace wall. F. B. Bigelow. 2,223,400–1; Dec. 3.
Furnace wall construction. W. A. Waite. 2,212,412; Aug. 20.
Furnaces and the like, Cleaning the checker chambers of open hearth. A. Carlson. 2,200,668; May 14.
Furnaces, Method and apparatus for firing. A. L. Baker. 2,220,387; Nov. 5.
Furnaces, Sealing the charging and discharging apertures of continuous or intermittent. J. Fallon. 2,200,619; May 14.
Furniture. J. W. Bowersox. 2,187,713; Jan. 16.
Furniture. M. C. Ducati. 2,202,196; May 28.
Furniture. L. D. Fisher. 2,199,238; Apr. 30.
Furniture. H. Kern. 2,213,633; Sept. 3.
Furniture. H. L. Lieberman. 2,186,142; Jan. 9.
Furniture. J. H. Pollard. 2,214,204; Sept. 10.
Furniture and mechanical movement therefor, Folding leg. W. H. Stiles. 2,225,512; Dec. 17.
Furniture construction. B. Wich. 2,192,949; Mar. 12.
Furniture, Folding. B. L. Laursen. 2,223,958; Dec. 3.
Furniture, Hydraulically adjustable. H. E. Hymer and R. Ferris. 2,202,383; May 28.
Furniture lock. J. C. Siegel. 2,202,539; May 28.
Furniture seat. L. A. Dunajeff. 2,217,893; Oct. 15.
Furniture slip cover. P. Trubitz. 2,191,633; Feb. 27.
Furniture, Store. P. G. Williams and K. C. Welch. 2,208,237; July 16.
Furniture structure, Convertible. W. Zareko. 2,217,426; Oct. 8.
Furniture such as bed chair, and bed settee, Articles of. C. Frech and J. E. Nilsson. 2,193,402; Mar. 12.
Furniture tie spring, Crossed helical. C. M. Lind and J. H. Thomas. 2,202,562; May 28.
Furoate, Unsaturated. H. R. Slagh. 2,195,382; Mar. 26.
Furonitrile, Production of. B. W. Howk and C. G. Wortz. 2,195,966; Apr. 2.
Furring construction. C. K. Nichols. 2,209,470; July 30.
Furrow damming machine. L. S. Brown. 2,187,262; Jan. 16.
Furrow former and packer, Irrigation. W. C. Drew. 2,214,812; Sept. 17.
Fuse. T. Birkenmaier. 2,208,407; July 16.
Fuse. B. L. Carter. 2,189,101; Feb. 6.
Fuse. M. C. Cooley. 2,215,321; Sept. 17.
Fuse. D. W. Floten. 2,198,663; Apr. 30.
Fuse. S. Jones. 2,219,705; Oct. 29.
Fuse. K. A. Lohausen. 2,209,823; July 30.
Fuse. C. E. Mosley. 2,193,203; Mar. 12.
Fuse. W. O. Schultz. Re. 21,563; Sept. 10.
Fuse. F. Schultze. 2,201,209; May 21.
Fuse. H. G. Towner. 2,216,862; Oct. 8.
Fuse. H. A. Triplett. 2,200,608; May 14.
Fuse. H. A. Triplett. 2,221,958; Nov. 19.
Fuse, Aerial bomb. F. W. and A. W. Bold. 2,190,374; Feb. 13.
Fuse and indicator, Electric. W. K. Rankin. 2,188,816; Jan. 30.
Fuse apparatus, Repeating. G. N. Lemmon. 2,192,710; Mar. 5.
Fuse carrying connector. L. W. Carr. 2,201,427; May 21.
Fuse casing, Mechanical time. H. Junghans. 2,188,048; Jan. 23.
Fuse clamp. R. A. Millermaster. 2,194,667; Mar. 26.
Fuse clamp, Electric. R. A. Millermaster. 2,213,284; Sept. 3.
Fuse, Closed. M. J. Jansen. 2,208,187; July 16.
Fuse construction. G. F. McMahon and A. Ramsey. 2,207,813; July 16.
Fuse construction. W. O. Schultz. 2,189,764; Feb. 13.
Fuse construction. W. O. Schultz. 2,203,928; June 11.
Fuse construction. W. O. Schultz. 2,204,320; June 11.
Fuse construction. A. G. Steinmayer. 2,218,010; Oct. 15.
Fuse construction. H. A. Triplett. 2,226,838; Dec. 31.
Fuse construction, Repeating. J. B. Hendricks. 2,211,974; Aug. 20.
Fuse construction, Repeating. W. O. Schultz, and A. G. Steinmayer. Re. 21,562; Sept. 10.
Fuse crimping tool. A. W. Day. 2,189,781; Feb. 13.
Fuse, Current limiting. K. A. Lohausen. 2,223,959; Dec. 3.
Fuse cutout. G. L. Carlisle. 2,204,298; June 11.
Fuse cut-out. C. A. Fox. 2,200,496; May 14.
Fuse cutout. E. M. Meyer. 2,205,928; June 25.
Fuse device. H. W. Bodendieck. 2,212,632; Aug. 27.
Fuse device. G. B. Currie. 2,186,920; Jan. 9.
Fuse device, Safety. W. A. Keen. 2,186,112; Jan. 9.
Fuse, Drop-out. T. F. Johnson. 2,216,843; Oct. 8.
Fuse, Electric. H. Jaedike. 2,191,793; Feb. 27.
Fuse, Electric. F. S. Klein. 2,220,058; Oct. 29.
Fuse, Electric. E. L. Mason. 2,196,638; Apr. 9.
Fuse, Electric. E. V. Sundt. 2,225,287; Dec. 17.
Fuse, Electric. J. T. Vatava. 2,206,794; July 2.
Fuse, High tension. K. Dannenberg. 2,216,661; Oct. 1.
Fuse, Indicating. W. C. Linton. 2,206,781; July 2.
Fuse, Indicating plug. W. C. Linton. 2,206,786; July 2.
Fuse indicator. W. C. Linton. 2,206,783; July 2.
Fuse integrity indicator. F. C. La Mar. 2,225,912; Dec. 24.
Fuse link. L. C. Hart. 2,199,746; May 7.
Fuse mounting. M. W. Johnson and W. T. Hayes. 2,193,691; Mar. 12.
Fuse, Multiple. W. C. Linton. 2,206,785; July 2.
Fuse, Nontamperable. W. C. Linton. 2,206,787; July 2.
Fuse, Plug. F. C. La Mar. 2,199,835; May 7.
Fuse, Plug. W. C. Linton. 2,206,782; July 2.
Fuse plug and receptacle base therefor. R. V. Pond. 2,204,948; June 18.
Fuse post. E. V. Sundt. 2,207,837; July 16.
Fuse pull-out device. R. A. Millermaster. 2,193,201; Mar. 12.

Fuse structure, Renewable. J. B. Griffith. 2,195,147; Mar. 26.
Fuse switch. T. Birkenmaier. 2,199,908; May 7.
Fuse switch. O. C. Clough. 2,186,165; Jan. 9.
Fuse switch, Repeater. C. A. Fox. 2,209,396; July 30.
Fuse, Thermoresponsive. W. L. Roessner. 2,226,744; Dec. 31.
Fuse, Time. G. Perrenoud. 2,226,669; Dec. 31.
Fused cutout. G. L. Carlisle. 2,204,300; June 11.
Fused disconnect switch. H. W. Bodendieck. 2,212,633; Aug. 27.
Fused joint. W. Dällenbach. 2,194,886; Mar. 26.
Fusible materials such as sulphur, Comminuting. S. B. Heath and F. R. Minger. 2,190,922; Feb. 20.
Fusion joint, annular. E. Gerecke, O. Deutschbein, and W. Schulze. 2,200,694; May 14.
Fusion welded treatment of tubular bodies. D. S. Jacobus. 2,187,786; Jan. 23.
Gaff, Fish. W. H. Thwaits. 2,210,271; Aug. 6.
Gaff, Fish spearing. I. Geller. 2,194,016; Mar. 19.
Gaff hook. L. H. Darling. 2,214,660; Sept. 10.
Gaff hook. J. S. Norton. 2,193,073; Mar. 12.
Gaff, Self-locking. B. E. Harter. 2,210,169; Aug. 6.
Gain control arrangement. L. W. Reinken. 2,189,925; Feb. 13.
Gain control, Automatic. B. Trevor. 2,185,612; Jan. 2.
Gain control circuit, Automatic. A. Andreatta. 2,208,110; July 16.
Gain control circuits. H. L. Barney, B. G. Bjornson, and A. M. Curtis. 2,213,034; Aug. 27.
Gain control device. J. L. Hathaway. 2,221,541; Nov. 12.
Gain control system. N. C. Norman. 2,199,080; Apr. 30.
Gain control system, Automatic. R. B. Dome. 2,199,169; Apr. 30.
Gallery, Shooting. N. E. Squire. 2,187,989; Jan. 23.
Galosh. U. Lasley. 2,215,880; Sept. 24.
Game. H. E. Armstrong, Jr. 2,223,981; Dec. 3.
Game. J. A. Brocken. 2,206,247; July 2.
Game. J. T. Brothers. 2,199,719; May 7.
Game. O. H. Carothers. 2,214,952; Sept. 17.
Game. J. F. Dauda. 2,225,519; Dec. 17.
Game. A. C. De Milt. 2,203,456; June 4.
Game. J. Domingo. 2,212,437; Aug. 20.
Game. J. C. Gillespie. 2,219,675; Oct. 29.
Game. W. Heiniger. 2,203,145; June 4.
Game. A. Hess. 2,224,730; Dec. 10.
Game. W. J. Hohn. 2,214,167; Sept. 10.
Game. E. E. Hornung. 2,209,729; July 30.
Game. Le R. Howard. 2,194,854; Mar. 26.
Game. W. W. Ingraham. 2,197,306; Apr. 16.
Game. J. W. Ink. 2,223,175; Nov. 26.
Game. M. A. C. Johnson. 2,185,556; Jan. 2.
Game. A. J. Jones. 2,199,461; May 7.
Game. C. F. Kuehne. 2,212,838; Aug. 27.
Game. A. M. Lassen. 2,190,031; Feb. 13.
Game. J. L. McKeown. 2,220,823; Nov. 5.
Game. G. S. Parker. 2,187,808; Jan. 23.
Game. E. G. Perrier. 2,189,922; Feb. 13.
Game. E. W. Petersen. 2,219,546; Oct. 29.
Game. R. A. Pilla. 2,212,846; Aug. 27.
Game. A. Rose, Jr. 2,207,638; July 9.
Game. J. G. Schenk. 2,226,912; Dec. 31.
Game. E. Schuman and N. A. Severson. 2,203,183; June 4.
Game. H. Skreberg. 2,206,240; July 2.
Game. C. L. Smith. 2,192,667; Mar. 5.
Game. A. Steiner. 2,201,802; May 21.
Game. D. J. Sullivan. 2,205,936; June 25.
Game. W. D. Ward. 2,208,952; July 23.
Game. C. A. Watkins. 2,199,016; Apr. 30.
Game, Amusement. H. E. Williams and L. A. Durant. 2,192,658; Mar. 5.
Game and apparatus for playing the same. E. J. Savoy 2,220,291; Nov. 5.
Game and game board. K. L. Murray. 2,188,480; Jan. 30.
Game, and the like, and apparatus therefor, Water or aquatic. W. Hoeltje. 2,207,864; July 16.
Game apparatus. S. P. Andelenis. 2,212,766; Aug. 27.
Game apparatus. N. A. Archibald. 2,192,283; Mar. 5.
Game apparatus. H. C. Bartholomew. 2,185,366; Jan. 2.
Game apparatus. W. H. Bellah. 2,197,491; Apr. 16.
Game apparatus. J. T. Berdner. 2,224,334; Dec. 10.
Game apparatus. W. H. Butterworth. 2,192,608; Mar. 5.
Game apparatus. H. J. Cadman. 2,201,025; May 14.
Game apparatus. M. Carnahan. 2,207,190; July 9.
Game apparatus. P. D. Carpenter. 2,218,164; Oct. 15.
Game apparatus. C. C. Carter. 2,215,687; Sept. 24.
Game apparatus. J. E. Chamberlain. 2,211,253; Aug. 13.
Game apparatus. L. Colaluca. 2,204,473; June 11.
Game apparatus. E. Ebert. 2,197,520; Apr. 16.
Game apparatus. P. Faber. 2,211,617; Aug. 13.
Game apparatus. T. Gordon. 2,187,493; Jan. 16.
Game apparatus. S. A. Graves, Jr. 2,215,696; Sept. 24.
Game apparatus. R. J. Heymer. 2,203,990; June 11.
Game apparatus. E. Hines. 2,2,224,962; Dec. 17.
Game apparatus. A. J. Jackson. 2,186,337; Jan. 9.
Game apparatus. J. C. Koci. 2,194,830; Mar. 26.
Game apparatus. T. A. Lloyd. 2,191,991; Feb. 27.
Game apparatus. G. Madieu. 2,223,805; Dec. 3.
Game apparatus. A. J. McMaster. 2,221,645; Nov. 12.
Game apparatus. R. W. Miller. 2,186,465; Jan. 9.
Game apparatus. M. E. Minger. 2,192,096; Feb. 27.
Game apparatus. J. C. Moore. 2,224,060; Dec. 3.
Game apparatus. M. C. Morrill. 2,205,217–8; June 18.
Game apparatus. F. G. Nicolaus. 2,216,957; Oct. 8.
Game apparatus. M. Nitzberg. 2,190,845; Feb. 20.
Game apparatus. M. C. Regan. 2,215,054; Sept. 17.
Game apparatus. C. J. Siegrist. 2,204,321; June 11.
Game apparatus. G. E. Smith. 2,223,189; Nov. 26.
Game apparatus. F. C. Steffens. 2,196,710; Apr. 9.
Game apparatus. N. P. Vickery. 2,193,468; Mar. 12.
Game apparatus. G. E. West. 2,221,337; Nov. 12.
Game apparatus. H. E. Williams. 2,191,735; Feb. 27.
Game apparatus. H. E. Williams and L. A. Durant. 2,226,885; Dec. 31.
Game apparatus. R. L. Willis. 2,204,199; June 11.
Game apparatus. I. H. Wilsey. Re. 21,538; Aug. 20.
Game apparatus, Amusement. L. A. Durant. 2,205,060; June 18.
Game apparatus, Combination. C. R. Shultz. 2,200,456; May 14.
Game apparatus, Educational. W. Spiro. 2,185,232; Jan. 2.
Game apparatus, Educational. N. R. Sterne. 2,193,745; Mar. 12.
Game, Astrological. P. J. Angst. 2,193,896; Mar. 19.
Game, Ball. R. Wade. 2,212,333; Aug. 20.
Game, Ball rolling. A. E. Chouinard. 2,222,403; Nov. 19.
Game, Ball rolling. D. E. Hooker. 2,191,209; Feb. 20.
Game, Ball rolling. D. E. Hooker. 2,219,898; Oct. 29.
Game, Ball rolling. N. A. Nelson. 2,219,934; Oct. 29.
Game, Ball rolling. F. G. Nicolaus. 2,198,389; Apr. 23.
Game ball shooter. L. Colaluca. 2,196,549; Apr. 9.
Game, Board. R. E. Flory. 2,215,352; Sept. 17.
Game board. E. L. Garrett. 2,209,117; July 23.
Game board. I. R. Paris. 2,223,125; Nov. 26.
Game, Board. F. H. Robertson. 2,215,936; Sept. 24.
Game board. C. V. Vlaun. 2,188,825; Jan. 30.
Game board. S. Weiss. 2,218,998; Oct. 22.
Game board, Card instruction. M. W. Grigsby. 2,226,973; Dec. 31.
Game, Bowling. J. C. Koci. 2,223,255; Nov. 26.
Game, Card. A. L. Patzig. 2,225,422; Dec. 17.
Game, Card. M. Sleeth. 2,189,477; Feb. 6.
Game court. E. F. Murphy. 2,225,458; Dec. 17.
Game device. L. W. Abell. 2,191,150; Feb. 20.
Game device. H. F. Ahrens. 2,199,327; Apr. 30.
Game device. R. Bishop and W. S. Ferguson. 2,215,261; Sept. 17.
Game device. L. J. Day. 2,227,248; Dec. 31.
Game device. H. S. Draper and H. R. Jones. 2,210,201; Aug. 6.
Game device. J. M. Harrison. 2,188,043; Jan. 23.
Game device. N. Piesco. 2,220,492; Nov. 5.
Game device. W. R. Price. 2,187,524; Jan. 16.
Game device. G. E. Von Berg. 2,208,351; July 16.
Game device. E. A. Walsh. 2,224,996; Dec. 17.
Game, Educational. M. J. Schoenberg and H. Maximon. 2,205,440; June 25.
Game element, Hand thrown. M. Robinson. 2,223,271; Nov. 26.
Game, Football. C. D. Keely and O. H. Schwanemann, Jr. 2,205,415; June 25.
Game, Geographical. G. A. Kreitler. 2,199,499; May 7.
Game goal. F. Albach. 2,194,779; Mar. 26.
Game, Junior bowling. B. Sekretarski. 2,207,206; July 9.
Game, Marble. F. H. King. 2,199,407; May 7.
Game, Marble. K. Rayburn. 2,222,684; Nov. 26.
Game, Miniature basketball. C. G. Nelson. 2,201,560; May 21.
Game, Miniature bowling. F. W. De Vinney. 2,219,835; Oct. 29.
Game of eight bells. H. Singer. 2,218,055; Oct. 15.
Game of skill. K. Lauterbach. 2,225,502; Dec. 17.
Game or chance device. G. D. Gibson. 2,206,458; July 2.
Game or chance device. B. J. Simmons. 2,224,490; Dec. 10.
Game, Paddle. J. Di Bella. 2,196,253; Apr. 9.
Game piece. C. M. Johnson. 2,198,670; Apr. 30.
Game piece, Convertible chess and checker. P. R. Gruber. 2,196,861; Apr. 9.
Game, Pin. R. B. Mangold. 2,212,163; Aug. 20.
Game, Questionnaire. H. B. Palmer. 2,190,881; Feb. 20.
Game scoring device. B. de C. Rothschild. 2,191,400; Feb. 20.
Game, Skill. W. Turrall. 2,192,873; Mar. 5.
Game, Spelling. S. Axelrod. 2,218,375; Oct. 15.
Game, Target. E. W. Kriekard. 2,201,865; May 21.
Game toy. J. H. Watson. 2,216,526; Oct. 1.
Game wheel. D. O. McLean. 2,187,046; Jan. 16.
Gang vibrator construction. A. W. Mall. 2,223,733–4; Dec. 3.
Gantry, Collapsible. B. Jacoby and J. M. Quigley. 2,191,696; Feb. 27.
Gantry, Overhead welding. H. S. Boles and H. C. Cogan. 2,220,704; Nov. 5.
Garage construction. C. N. Friz. 2,218,676; Oct. 22.
Garage door. W. M. Winans. 2,191,363; Feb. 20.
Garage door, Automatic. A. C. D'Alfonso. 2,200,542; May 14.
Garage door latch. C. H. Ashton. 2,216,335; Oct. 1.
Garage or car park. H. Auger and W. E. Pearson. 2,201,939; May 21.
Garbage can. L. B. Couch. 2,216,807; Oct. 8.
Garbage can latch. C. H. Minor. 2,208,908; July 23.

Garbage disposal apparatus. J. W. Hammes. 2,225,171; Dec. 17.
Garden implement. J. A. Waller. 2,212,057; Aug. 20.
Garden implement, Combination. E. P. Glascock. 2,225,108; Dec. 17.
Garden implement, Wheeled. J. La M. Bright. 2,187,675; Jan. 16.
Garment. P. H. Bailey. 2,217,885; Oct. 15.
Garment. F. C. Barnard. 2,203,401; June 4.
Garment. H. Berger. 2,223,157; Nov. 26.
Garment. D. B. Fisher. 2,202,341; May 28.
Garment. E. S. Graham, Jr. 2,198,577; Apr. 23.
Garment. E. Hordiner. 2,214,105; Sept. 10.
Garment. M. M. Lutz. 2,203,993; June 11.
Garment. C. H. Moe. 2,226,066; Dec. 24.
Garment. J. H. Schweich. 2,199,578; May 7.
Garment. M. B. Teamer. 2,199,450; May 7.
Garment, Adjustable. M. Goodman and D. Lance. 2,213,669; Sept. 3.
Garment and form for making the same, Rubber. A. N. Spanel. 2,213,150; Aug. 27.
Garment and making the same. E. C. Kennedy. 2,224,871; Dec. 17.
Garment and making the same, Non-thumb-sucking. J. Bommer. 2,223,478; Dec. 3.
Garment and support therefor. J. Knappenberger. 2,223,621; Dec. 3.
Garment and the like, Ruffled. A. N. Spánel. 2,185,527; Jan. 2.
Garment bag. J. D. Hargis. 2,185,688; Jan. 2.
Garment bag. A. J. Roth. 2,186,209; Jan. 9.
Garment bag. A. W. Tucker and B. H. Piers. 2,224,090; Dec. 3.
Garment bagger. F. W. Strobel. 2,224,527; Dec. 10.
Garment bagger. R. E. Williams. 2,201,843; May 21.
Garment, Belted. C. Latter. 2,197,584; Apr. 16.
Garment blocking and forming apparatus. O. Y. and J. D. Brown. 2,195,235; Mar. 26.
Garment, Brassiere-top sleeping. M. M. Semons. 2,211,549; Aug. 13.
Garment carrier, Revolving. C. Krauss. 2,204,502; June 11.
Garment cleansing unit. C. Dahlberg. 2,193,804; Mar. 19.
Garment construction. M. R. Barnes. 2,213,757; Sept. 3.
Garment construction. E. G. Dann. Re. 21,624; Nov. 19.
Garment construction. S. Kann. 2,199,462; May 7.
Garment crotch construction. G. E. Rutledge. 2,193,467; Mar. 12.
Garment display apparatus. L. Zimmerman. 2,226,189; Dec. 24.
Garment, Double-breasted. T. Turunen. 2,189,187; Feb. 6.
Garment, Duplex. H. Leone. 2,208,906; July 23.
Garment fastener. H. Wagenfeld. 2,216,712; Oct. 1.
Garment finishing machine and method. T. G. Boldizzoni. 2,186,192; Jan. 9.
Garment finishing, refinishing, and reshaping machine. S. S. Raymond and H. M. Montgomery. 2,200,606; May 14.
Garment, Foundation. L. J. A. Amyot. 2,192,427; Mar. 5.
Garment, Foundation. E. E. Bertrams. 2,190,916; Feb. 20.
Garment, Foundation. M. Gross. 2,193,171; Mar. 12.
Garment, Foundation. H. Mayonnade and C. W. Hine. 2,199,442; May 7.
Garment hanger. M. D Bright. 2,198,363; Apr. 23.
Garment hanger. J. J. Cavanagh. 2,221,296; Nov. 12.
Garment hanger. J. D. Coney. 2,203,381; June 4.
Garment hanger. J. D. Coney. 2,221,508; Nov. 12.
Garment hanger. F. H. Deknatel. 2,212,978; Aug. 27.
Garment hanger. J. A. Dockstetter and J. E. Savage. 2,198,107; Apr. 23.
Garment hanger. R. Gustin. 2,191,714; Feb. 27.
Garment hanger. R. Guyer. 2,213,581; Sept. 3.
Garment hanger. R. Guyer. 2,219,520; Oct. 29.
Garment hanger. J. F. Harrison. 2,196,729; Apr. 9.
Garment hanger C. B. Herzinger. 2,190,102; Feb. 13.
Garment hanger. I. Klein. 2,185,253; Jan. 2.
Garment hanger. L. M. Marble. 2,222,231; Nov. 19.
Garment hanger. F. P. Mies. 2,198,830; Apr. 30.
Garment hanger. M. Moe. 2,186,076; Jan. 9.
Garment hanger. W. A. Nelson. 2,205,489; June 25.
Garment hanger. F. F. Newhouse. 2,187,691; Jan. 16.
Garment hanger J. Pearl. 2,210,631; Aug. 6.
Garment hanger. B. T. Petty. 2,202,120; May 28.
Garment hanger. J. T. Pollard. 2,196,123; Apr. 2.
Garment hanger. A. Sheinaus. 2,210,344; Aug. 6.
Garment hanger. R. von Knopke. 2,187,579; Jan. 16.
Garment hanger. C. E. Warren. 2,209,864; July 30.
Garment hanger. C. L. Wells. 2,204,875; June 18.
Garment hanger. P. H. Witter. 2,193,215; Mar. 12.
Garment hanger. L. A. Young. 2,214,848–9; Sept. 17.
Garment hanger cover. N. I. Fleischer and A. Peerless. 2,218,816; Oct. 22.
Garment identification. W. S. Hines. 2,205,724; June 25.
Garment incorporating elastic fabric. D. M. Clark and H. J. Stuart. 2,196,492; Apr. 9.
Garment, Infant's. J. Astrove. 2,215,951; Sept. 24.
Garment, Knitted. W. E. Ralston. 2,220,277; Nov. 5.
Garment, Maternity. A. M. Spang. 2,189,332; Feb. 6.
Garment pocket. L. M. Magliano. 2,215,834; Sept. 24.
Garment press. G. F. McDougall. 2,203,359; June 4.
Garment pressing machine. C. M. Clarke. 2,210,616; Aug. 6.
Garment pressing machine. W. Strobridge. 2,226,450; Dec. 24.
Garment shaping and drying machine. W. C. Glover, Jr. 2,214,923; Sept. 17.
Garment sizing form, Cleaner's. W. R. Frentzel. 2,189,789; Feb. 13.
Garment, Sleeping and lounging. R. H. Huels. 2,188,265; Jan. 23.
Garment support. P. F. Shewbridge. 2,201,744; May 21.
Garment support, Curvilinear. J. V. Moore. 2,195,894; Apr. 2.
Garment supporting means for chairs. G. B. Bentz. 2,224,247; Dec. 10.
Garment trimming machine. H. Lehde. 2,192,446; Mar. 5.
Garment, Woman's. M. Attman. 2,211,966; Aug. 20.
Garments while being stretched, Apparatus for holding. E. Schultze. 2,189,228; Feb. 6.
Garnish molding retainer. A. P. Ball. 2,214,918; Sept. 17.
Garnish molding retainer. E. A. Wetzel. 2,214,947; Sept. 17.
Garter and making same. G. S. van Voorhis. 2,224,036; Dec. 3.
Garter, Girdle. R. Linder. 2,223,216; Nov. 26.
Garter grip. J. B. Holtzclaw. 2,202,291; May 28.
Garter, Tie and shirt. F. E. Bertling. 2,210,275; Aug. 6.
Gas administration. J. L. Bloomheart. 2,192,429; Mar. 5.
Gas analysis method and apparatus. B. Miller. 2,219,540; Oct. 29.
Gas analyzing apparatus. J. D. Morgan and A. P. Sullivan. 2,204,966; June 18.
Gas analyzing apparatus. J. D. Morgan and A. P. Sullivan. 2,211,627; Aug. 13.
Gas and liquid contact apparatus. H. L. Galson. 2,224,221; Dec. 10.
Gas and liquid separator. W. M. Mount. 2,221,989; Nov. 19.
Gas and oil burner, Combination. J. S. Zink. 2,204,719; June 18.
Gas and oil burner, Combination. J. S. Zink. 2,216,508; Oct. 1.
Gas and oil separator. J. G. M. López. 2,208,466; July 16.
Gas and oil separator, Rotary. E. W. Dodge. 2,216,939; Oct. 8.
Gas burner. A. J. Anderson and G. Hill. 2,187,674; Jan. 16.
Gas burner. S. W. E. Andersson. 2,212,312; Aug. 20.
Gas burner. P. E. Beckman and M. A. Richford. 2,187,010; Jan. 16.
Gas burner. H. C. Caldwell. 2,185,886; Jan. 2.
Gas burner. J. H. Dennis and J. V. King. 2,200,264; May 14.
Gas burner. E. F. Gorman. 2,199,951; May 7.
Gas burner. R. J. Kehl. 2,191,077; Feb. 20.
Gas burner. H. E. Knupp. 2,220,572; Nov. 5.
Gas burner. J. E. Leonard and C. T. Hammons. 2,186,588; Jan. 9.
Gas burner. A. G. McKee. 2,225,751; Dec. 24.
Gas burner. E. H. Mueller. 2,215,711; Sept. 24.
Gas burner. J. E. Neale and A. Guest. 2,188,116; Jan. 23.
Gas burner. A. Smith. 2,215,983; Sept. 24.
Gas burner, Adjustable. J. T. Voorheis. 2,196,282; Apr. 9.
Gas burner, Automatically controlled. O. Mitchell. 2,194,713; Mar. 26.
Gas, Burning. W. P. Biddle, Jr. 2,224,133; Dec. 10.
Gas, Carbureting water. R. P. Jones and R. L. Ellis. 2,197,744; Apr. 16.
Gas cleaner, Self-cleaning electric. H. W. Pound and M. K. Rush. 2,212,885; Aug. 27.
Gas combustor unit. J. G. Hoop. 2,221,583; Nov. 12.
Gas conditioning. H. L. Barthelemy. 2,207,774; July 16.
Gas control for boilers and the like. V. O. Beam. 2,192,630; Mar. 5.
Gas control mechanism. H. J. Long. 2,196,316; Apr. 9.
Gas, Cooling and drying moist nitrosyl chloride. F. O. Agel. 2,210,439; Aug. 6.
Gas, Cooling flue. G. F. de Ridder and R. H. Crosby. 2,218,281; Oct. 15.
Gas cutting machine. J. C. Glaum, Jr. 2,189,140; Feb. 6.
Gas, Dehydrating natural. B. Miller. 2,225,959; Dec. 24.
Gas, Desulphurizing. R. G. Guthrie and O. J. Wilbor. 2,214,926; Sept. 17.
Gas detector. W. G. Tuel. 2,200,523; May 14.
Gas dielectric media. F. S. Cooper. 2,221,671; Nov. 12.
Gas discharge device. H. Schnitger. 2,214,511; Sept. 10.
Gas discharge tube. H. Kniepkamp. 2,192,162; Feb. 27.
Gas discharge tube. W. L. Meier. 2,190,079; Feb. 13.
Gas dispensing apparatus. R. B. Everson. 2,195,273; Mar. 26.
Gas dispensing system, Liquefied. L. J. White. 2,214,713; Sept. 10.
Gas dispensing system, Liquefied. L. J. White. 2,216,866; Oct. 8.

Gas dispensing system, Liquefied. L. J. White. 2,217,580–3; Oct. 8.
Gas eliminator and fuel economizer. A. C. Hoof. 2,212,936; Aug. 27.
Gas engine. E. M. Lindsey. 2,217,912; Oct. 15.
Gas filter. R. W. Ducker, D. B. Boydston, E. J. McConnell, and C. U. Daniels. 2,207,660; July 9.
Gas fired burner. G. W. Newby. 2,210,301; Aug. 6.
Gas flow regulator. A. E. Jurs. 2,224,394; Dec. 10.
Gas, Forming synthesis. E. W. Riblett. 2,220,849; Nov. 5.
Gas from a hopper, etc., Controlling the flow of. C. B. Schneible. 2,212,305; Aug. 20.
Gas furnace. H. Becker. 2,207,474; July 9.
Gas generating apparatus. G. W. Dick. 2,211,005; Aug. 13.
Gas generating apparatus. R. M. Mead. 2,190,366; Feb. 13.
Gas, Generating oil. M. M. Brandegee and C. E. Heminger. 2,205,554; June 25.
Gas generating plant, Self-contained. A. Curioni. 2,201,854; May 21.
Gas generator. R. M. Mead. 2,190,367; Feb. 13.
Gas generator. W. R. Robinson. 2,213,074; Aug. 27.
Gas generator. G. Steiner. 2,189,022; Feb. 6.
Gas generator, Automatic acetylene. R. C. Sabins. 2,190,272; Feb. 13.
Gas generator for oil operated orchard heaters. J. F. Tapie. 2,217,777; Oct. 15.
Gas heater. W. Hammick. 2,200,169; May 7.
Gas heater. A. D. Krugler and K. R. Lewis. 2,193,176; Mar. 12.
Gas heating apparatus. W. A. Beckett. 2,210,228; Aug. 6.
Gas heating apparatus. H. G. Landis. 2,214,503; Sept. 10.
Gasholder. P. C. Rodgers. 2,211,516; Aug. 13.
Gas holder for a permeability meter. H. W. Dietert. 2,194,891; Mar. 26.
Gas impregnation for expanded rubber. D. Roberts. 2,216,136; Oct. 1.
Gas lift apparatus. R. R. Kyner. 2,210,247; Aug. 6.
Gas lift apparatus. A. W. Steenbergh. 2,226,537; Dec. 31.
Gas lift valve. C. V. Temple. 2,204,834; June 18.
Gas lift valve. M. B. Thomas. 2,216,967; Oct. 8.
Gas main or the like, Locating leaks in a. E. F. Schuldt. 2,192,155; Feb. 27.
Gas making apparatus. A. R. Stryker. 2,216,792; Oct. 8.
Gas, Manufacture of. A. Johnson and M. M. Brandegee. 2,207,985; July 16.
Gas, Manufacture of combustible. A. Johnson and M. M. Brandegee. 2,192,815; Mar. 5.
Gas, Manufacturing carbureted water. W. E. Steinwedell. 2,216,055–6; Sept. 24.
Gas mask facepiece. R. Monro, A. V. Motsinger, H. A. Scruton, and G. A. Little. 2,301,198; May 21.
Gas meter. J. Derbyshire and W. E. Fishwick. 2,223,555; Dec. 3.
Gas mixer. F. J. Hamrock and E. L. Simonson. 2,195,956; Apr. 2.
Gas mixer. S. P. Jones. 2,203,961; June 11.
Gas mixing device. A. Jagmin. 2,193,777; Mar. 12.
Gas mixture, Generating a combustible. H. Gault. 2,185,549; Jan. 2.
Gas mixture of carbon monoxide and hydrogen, Making a synthesis. G. Roberts, Jr., D. W. Wilson, and P. C. Keith, Jr. 2,198,553; Apr. 23.
Gas mixture, Supplying to individual persons an oxygenated. J. A. Heidbrink. 2,185,997; Jan. 9.
Gas mixtures by means of precious metal catalysts, Reacting. G. M. Chastain, Jr. 2,226,113; Dec. 24.
Gas mixtures by means of precious metal catalysts, Reacting. F. Zimmermann. 2,226,149; Dec. 24.
Gas or other fluid-controlling valve or electric switch, Water-actuated. J. E. Neale and A. Guest. 2,225,882; Dec. 24.
Gas outlet, Electrolytic cell. E. R. Corneil. 2,218,021; Oct. 15.
Gas plant. J E Baker. 2,207,689; July 9.
Gas pressure booster system. W. E. Groves. 2,223,415; Dec. 3.
Gas pressure control system. J. V. Thomas. 2,196,279; Apr. 9.
Gas pressure regulator. T. E. Jackson. 2,208,261; July 16.
Gas process, High pressure. W. H. Vaughan. 2,198,098; Apr. 23.
Gas producer for gasifying granular fuels. F. Winkler and E. Linckh. 2,187,872; Jan. 23.
Gas producer of the rotary grate type. K. Koller. 2,200,066; May 7.
Gas, Producing. J. U. McDonald. 2,204,902; June 18.
Gas, Producing a carburizing. F. D. Widner. 2,186,690; Jan. 9.
Gas, Producing a fixed. C. B. Hillhouse. 2,206,189; July 2.
Gas producing apparatus. F. J. Nolan. 2,204,318; June 11.
Gas, Producing commercial. F. T. Snyder. 2,194,575; Mar. 26.
Gas, Production of liquefied chlorine. J. Reichart. 2,211,547; Aug. 13.
Gas, Production of water. M. Radtke. 2,204,001; June 11.
Gas, Production of water. R. Rummel. 2,204,003; June 11.
Gas pump. J. J. Wydler. 2,226,539; Dec. 31.
Gas pump, Wet type. C. Blom and M. L. Edwards. 2,211,316; Aug. 13.
Gas purification. E. M. Heckman. 2,208,029; July 16.
Gas purification. R. Mezger and T. Payer. 2,189,250; Feb. 6.
Gas purification. F. D. Schreiber. 2,219,713; Oct. 29.
Gas, Recovery of desirable constituents from. P. M. Raigorodsky. 2,214,678; Sept. 10.
Gas regulating apparatus. H. W. Jones. 2,192,662; Mar. 5.
Gas, Regulating delivery of. J. A. Heidbrink. 2,220,368; Nov. 5.
Gas regulator. H. W. Cheeseman. 2,215,419; Sept. 17.
Gas reversion. R. V. Shankland. 2,206,055; July 2.
Gas sampling device, Soil. G. L. Hassler. 2,210,546; Aug. 6.
Gas sampling system. G. L. Hassler. 2,223,785; Dec. 3.
Gas scrubber. N. C. Brundage. 2,203,592; June 4.
Gas storage and dispensing apparatus. E. H. Gill. 2,193,066; Mar. 12.
Gas supply apparatus for fluid tanks. H. Weichsel. 2,200,610; May 14.
Gas supply system. J. J. Crowe. 2,221,077; Nov. 12.
Gas system, Liquefied. L. J. White. 2,225,578; Dec. 17.
Gas therapy apparatus. J. G. Kessler. 2,202,953; June 4.
Gas torch control valve. L. W. Stettner. 2,213,748; Sept. 3.
Gas treater. C. W. J. Hedberg and L. N. Bonacci. 2,215,267; Sept. 17.
Gas, Treating an oil. A. E. Harnsberger. Re. 21,487; June 25.
Gas treating apparatus. W. L. Shively and E. V. Harlow. 2,195,431; Apr. 2.
Gas tube circuit. L. K. Swart. 2,190,552; Feb. 13.
Gas-tube unit, Luminous. H. W. Barthels. 2,227,173; Dec. 31.
Gas turbine plant and regulating system therefor. I Jung. 2,219,994; Oct. 29.
Gas turbine system. M. T. Lindhagen and A. Lysholm. 2,225,310; Dec. 17.
Gas turbine system. A. Lysholm. 2,225,311; Dec. 17.
Gas, Utilization of petroleum refinery. E. B. Hjerpe and W. A. Gruse. 2,226,467; Dec. 24.
Gas valve. A. H. Nelson. 2,200,187; May 7.
Gas valve. D. G. Taylor. 2,211,301; Aug. 13.
Gas washing means. O. R. Rice and W. C. Schofield. 2,204,771; June 18.
Gas water heater. H. D. Dufault. 2,225,773; Dec. 24.
Gas wells, Producing. T. V. Moore. 2,209,534; July 30.
Gaseous conduction lamp. F. Alexander. 2,203,482; June 4.
Gaseous discharge control tube system, Multiphase. L. K. Marshall. 2,213,226; Sept. 3.
Gaseous-discharge device. K. J. Germeshausen. 2,201,167; May 21.
Gaseous discharge device. C. G. Smith. 2,217,185; Oct. 8.
Gaseous discharge device, Controlled. P. L. Spencer. 2,191,594; Feb. 27.
Gaseous discharge device, Electric. J. Lecorguillier. 2,212,881; Aug. 27.
Gaseous discharge device, Electrical. C. G. Smith. 2,197,398; Apr. 16.
Gaseous discharge device, Magnetically controlled. P. L. Spencer. 2,191,595; Feb. 27.
Gaseous discharge rectifier, Thermionic. J. D. Le Van. 2,209,837; July 30.
Gaseous discharge tube. M. J. Druyvesteyn and N. Warmoltz. 2,220,089; Nov. 5.
Gaseous discharge tube. K. J. Germeshausen. 2,185,189; Jan. 2.
Gaseous discharge tube, Temperature compensated controlled. P. L. Spencer. 2,206,008; June 25.
Gaseous electric discharge lamp device. N. W. H. Addink. 2,211,590; Aug. 13.
Gaseous mixtures, Method and apparatus for fractionating. W. L. De Baufre. 2,213,338; Sept. 3.
Gaseous mixtures, Separating constituents of. J. L. Schlitt. 2,209,748; July 30.
Gaseous mixtures, Separation of the constituents of. J. L. Schlitt. 2,195,976; Apr. 2.
Gaseous tube sign. F. S. Ganoung. 2,188,294; Jan. 23.
Gases and liquids, Simultaneous drying of. R. Gerlach. 2,225,045; Dec. 17.
Gases and vapors with liquids, Treating. C. T. D. Koolman. 2,197,935; Apr. 23.
Gases by biological means, Purification of. M. Prüss and H. Blunk. 2,200,581; May 14.
Gases by fractional condensation, Purification of. C. J. Christensen. 2,208,661; July 23.
Gases by suction in roasting, calcining, and drying furnaces, Drawing off blast furnace. J. Horak. 2,186,675; Jan. 9.
Gases, Cleaning of. E. Anderson. 2,192,172; Mar. 5.
Gases containing sulphur compounds as impurities, Purifying. A. J. W. Headlee. 2,215,754; Sept. 24.
Gases, Conversion of hydrocarbon. R. F. Marschner. 2,199,133; Apr. 30.
Gases, Conversion of hydrocarbon. L. G. Story. 2,186,275; Jan. 9.

Gases, Desulphurizing lehr. R. D. Smith. 2,198,745; Apr. 30.
Gases for polymerization, Preparation of. E. J. Houdry. 2,190,662; Feb. 20.
Gases free from carbon black and hydrocyanic acid, Recovery of acetylene-containing. P. Baumann and H. Schilling. 2,213,267; Sept. 3.
Gases from bituminous fuels, Production of combustible. W. Malkomes. 2,190,293; Feb. 13.
Gases from coal, Manufacture of hydrocarbon. H. Dreyfus. 2,210,117; Aug. 6.
Gases from engines, Exhaust of. H. Coanda. 2,187,342; Jan. 16.
Gases, Heat treating. F. Martin, R. Jung, and H. Tramm. 2,186,590; Jan. 9.
Gases into closure containers, Method and apparatus for introducing. A. H. Smith. 2,212,379; Aug. 20.
Gases into liquids, Converting hydrocarbon. C. R. Wagner. 2,205,583; June 25.
Gases, Liquefaction and separation of. G. Maiuri. 2,206,967; July 9.
Gases, Method of and apparatus for controlling mixing of. E. X. Schmidt. 2,193,240; Mar. 12.
Gases obtained from roasting, Purification of sulphur dioxide-containing technical. E. Berl. 2,204,543; June 18.
Gases, Obtaining pure noble. A. Krauss. 2,204,501; June 11.
Gases of the exhausted products of combustion of internal combustion engines, Purifying. E. F. Hennessy. 2,195,276; Mar. 26.
Gases, Polymerization of hydrocarbon. T. A. Mangelsdorf and du B. Eastman. 2,208,100; July 16.
Gases, Polymerizing unsaturated. J. Hyman. 2,197,862; Apr. 23.
Gases, Process for and apparatus for separating. C. H. Greenewalt. 2,214,790; Sept. 17.
Gases, Purification of. S. A. Le Croy. 2,205,122; June 18.
Gases, Purification of. V. Voorhees. 2,196,281; Apr. 9.
Gases, Purification of combustible. R. H. Griffith and J. H. G. Plant. 2,193,278; Mar. 12.
Gases, Purification of industrial. G. T. Reich. 2,225,131; Dec. 17.
Gases, Purifying. H. B. Cooke. Re. 21,358; Feb. 20.
Gases, Purifying. P. M. Schuftan. 2,198,743; Apr. 30.
Gases, Solidification of. J. C. Goosmann. 2,217,678; Oct. 15.
Gases to nitric acid, Process and apparatus for working up nitrous. M. J. Kalous. 2,189,363; Feb. 6.
Gases, Treatment of hydrocarbon. H. V. Atwell. 2,215,062; Sept. 17.
Gases, Treatment of Hydrocarbon. A. V. Grosse. 2,194,280; Mar. 19.
Gases, Treatment of hydrocarbon. J. C. Morrell and A. V. Grosse. 2,189,815; Feb. 13.
Gases, Treatment of hydrocarbon. C. Wirth, 3rd. 2,223,197; Nov. 26.
Gases, Utilizing combustion. C. A. and A. R. Dunham. 2,191,985; Feb. 27.
Gasifying apparatus. R. Reichhelm. 2,197,347; Apr. 16.
Gasifying apparatus for fuel oil. A. Curioni. 2,201,855; May 21.
Gassing process, Hot. L. S. Cooper. 2,186,959; Jan. 16.
Gasket. G. T. Balfe. 2,197,916; Apr. 23.
Gasket. H. Bohmer, Jr., and S. S. Lippincott. 2,200,212; May 7.
Gasket. E. C. Bridgers. 2,200,688; May 14.
Gasket. E. Ginn. 2,210,453; Aug. 6.
Gasket. D. R. McMullen and C. B. Walter. 2,222,058; Nov. 19.
Gasket. R. C. Murphy. 2,188,815; Jan. 30.
Gasket. E. B. Reynold and A. C. Faul. 2,219,962; Oct. 29.
Gasket and manufacturing same. G. T. Balfe. 2,211,045; Aug. 13.
Gasket and provision for extending the life thereof, Metal. E. C. Furman. 2,200,546; May 14.
Gasket construction. A. W. L. Hartbauer. 2,189,795; Feb. 13.
Gasket cutting machine. M. Tiesch. 2,218,186; Oct. 15.
Gasket, Filler block. T. O. Kosatka. 2,209,230; July 23.
Gasket, gasket-centering means, and assembling thereof. F. W. Armstrong. 2,196,582; Apr. 9.
Gasket, Laminated rubber. J. A. Merrill. 2,188,286; Jan. 23.
Gasket material. W. B. Atkinson. 2,196,407; Apr. 9.
Gasket pressure control. H. Bohmer, Jr., and S. S. Lippincott. 2,196,953; Apr. 9.
Gasket, Sealing. L. E. Clough. 2,210,833; Aug. 6.
Gasket, Self-seating. E. M. O'Donnell. 2,191,179; Feb. 20.
Gasket with sealing coating, Metal. J. H. and B. J. Victor. 2,211,247; Aug. 13.
Gaskets, Making. G. T. Balfe. 2,185,908; Jan. 2.
Gaskets, Making. P. W. Dempsey. 2,201,576; May 21.
Gasoline and fuel oil, Manufacture of. J. J. Downey. 2,209,154; July 23.
Gasoline and gas, Producing. F. T. Snyder. 2,194,574; Mar. 26.
Gasoline antioxidant. J. W. Teter. 2,226,787; Dec. 31.
Gasoline dispensers, Controlling the operation of. C. Pleuthner. 2,211,703; Aug. 13.
Gasoline dispensing apparatus. E. C. Baber. 2,217,662; Oct. 15.
Gasoline dispensing apparatus. J. D. Lear. 2,211,699; Aug. 13.
Gasoline dumping device. C. M. Bolster. 2,207,713; July 16.
Gasoline from gases, Recovering. P. C. Keith, Jr., and H. M. Nelly, Jr. 2,224,227; Dec. 10.
Gasoline from natural gas, Extraction of. H. N. Wade. 2,198,142; Apr. 23.
Gasoline, Manufacture of stabilized. D. R. Stevens and H. B. Cooke. 2,191,240; Feb. 20.
Gasoline metering mechanism for trucks provided with power take-offs. W. H. Dew. 2,209,689; July 30.
Gasoline production. C. M. Hull and F. H. Blunck. 2,196,831; Apr. 9.
Gasoline, Production of. H. J. Nichols, Jr. and G. L. Mateer. 2,190,480; Feb. 13.
Gasoline, Production of high antiknock. C. H. Angell. 2,220,699; Nov. 5.
Gasoline, Production of polymer. E. J. Houdry. 2,213,247; Sept. 3.
Gasoline recovery. R. B. Smith. 2,204,285; June 11.
Gasoline, Recovery of. R. C. Lassiat. 2,186,029; Jan. 9.
Gasolines, Desulphurization of. A. Voorhies, Jr. and E. E. Stahly. 2,185,577; Jan. 2.
Gasolines of high quality, Making. A. Zinke. 2,212,805; Aug. 27.
Gasometer construction. J. S. Malsbary. 2,194,604; Mar. 26.
Gasometer construction. H. Weichsel. 2,194,580–1; Mar. 26.
Gate: *See*—
Automatic gate.
Film gate.
Highway crossing gate.
Highway gate.
Irrigation water gate.
Regulating gate.
Self-closing gate.
Valve and flexible gate.
Gate. C. N. Dilatush. 2,197,852; Apr. 23.
Gate. E. L. Ebaugh. 2,204,477; June 11.
Gate closing device, Dump truck. P. R. Fairbanks. 2,226,901; Dec. 31.
Gate control for ice cream freezers, Draw-off. C. M. Holmen. 2,207,884; July 16.
Gate for dams, Automatic movable. V. C. Smith. 2,192,510; Mar. 5.
Gate latch. J. P. Morsh. 2,223,697; Dec. 3.
Gate lock. A. Law. 2,215,293; Sept. 17.
Gate operating mechanism for dump trucks, Tail. T. J. Dailey. 2,213,385; Sept. 3.
Gate operating mechanism, Hydraulic. A. Young. 2,186,131; Jan. 9.
Gate operating mechanism, Tail. D. Bohne. 2,220,202; Nov. 5.
Gate operator, Automatic water. B. H. Kooken. 2,209,124; July 23.
Gate or the like, Head. H. H. Scates. 2,187,665; Jan. 16.
Gate structure, Ring. P. J. Cannell. 2,200,667; May 14.
Gate valve. J. W. MacClatchie. 2,204,142; June 11.
Gate valve, Cylindrical conduit. L. C. Schaefer. 2,192,331; Mar. 5.
Gatherer, Service portion. S. L. Kelly. 2,210,623; Aug. 6.
Gathering table. J. M. Low. 2,194,802; Mar. 26.
Gauge: *See*—
Adjustable depth gauge.
Adjustable gauge.
Angle gauge.
Bite gauge.
Borehole pressure gauge.
Bowling ball grip gauge.
Caliper gauge.
Carpenter's roof lay-out gauge.
Center punch gauge.
Continuous thickness gauge.
Countersink gauge.
Depth gauge.
Dial indicator gauge.
Dial thickness gauge.
Die opening gauge.
Double purpose single pointer gauge.
Dynamically compensated strain gauge.
Edge trim gauge.
Electric pressure gauge.
Electrical gauge.
Elongation gauge.
Erection gauge.
Feeler gauge.
Grinding gauge.
Height gauge.
Internal screw - thread gauge.
Liquid level gauge.
Liquid volume gauge.
Locking multileaf gauge.
Magnetic gauge.
Magnetic thickness gauge.
Measuring gauge.
Micrometer gauge.
Oil gauge.
Pile gauge.
Plastering gauge.
Power back gauge.
Precision gauge.
Pressure gauge.
Pressure leakage gauge.
Printer's gauge.
Pump stroke gauge.
Rule gauge.
Siphon gauge.
Snap gauge.
Steam gauge.
Stitch gauge.
Storage tank gauge.
Tank gauge.
Taper gauge.
Thermoelectric liquid level gauge.
Thickness gauge.
Thread gauge.
Thread tool gauge.
Tire gauge.
Valve grinding gauge.
Water gauge.
Gauge. D. H. Bierman. 2,217,609; Oct. 8.
Gauge. R. S. Brescka and E. J. Meagher. 2,197,755–7; Apr. 23.
Gauge. W. J. Bryant. 2,217,509; Oct. 8.
Gauge. A. Eisele. 2,192,900; Mar. 12.
Gauge. J. Fichter. 2,219,180; Oct. 22.
Gauge. V. Gregory. 2,216,615; Oct. 1.
Gauge. R. A. and O. F. Johnson. 2,203,019; June 4.

Gauge. F. H. Markwick. 2,213,767; Sept. 3.
Gauge. O. W. Richards. 2,220,280; Nov. 5.
Gauge. C. C. Street. 2,197,198; Apr. 16.
Gauge. F. J. Vierling. 2,190,899; Feb. 20.
Gauge adjusting device, Pressure. G. F. Ruopp. 2,209,540; July 30.
Gauge and camber control. E. B. Hudson. 2,211,658; Aug. 13.
Gauge and control apparatus for liquid containers. G. E. Ewertz. 2,202,197; May 28.
Gauge and outlet fitting for drums. C. E. Klumb and R. H. Hecker. 2,216,917; Oct. 8.
Gauge and sampling device, Pressure tank. J. H. McCabe. 2,200,630; May 14.
Gauge and saw guide, Combination miter. C. P. Jacobsen. 2,205,095; June 18.
Gauge apparatus for tanks. F. V. Long. 2,217,959; Oct. 15.
Gauge apparatus, Liquid. J. R. Brown and D. H. Brownell. 2,215,660; Sept. 24.
Gauge apparatus, Safety liquid level. J. R. Brown and D. H. Brownell. 2,225,608; Dec. 24.
Gauge cleaning device. W. B. Hendrey. 2,206,006; June 25.
Gauge construction. G. F. Ruopp. 2,223,580; Dec. 3.
Gauge diaphragm mounting. H. Hastings and G. E. Ford. 2,220,902; Nov. 12.
Gauge equipment. J. C. Cain and H. F. Dent. 2,218,418; Oct. 15.
Gauge for automobiles, Radius. H. Wochner. 2,208,063; July 16.
Gauge for blending paints, lacquers, etc. E. E. Hoffman. 2,213,026; Aug. 27.
Gauge for golf clubs, Grip. J. F. Sullivan. 2,198,980; Apr. 30.
Gauge for graders, Slope. D. Q. Blunk. 2,189,699; Feb. 6.
Gauge for measuring lengths, Electrical. T. Ehrler and K. M. Harder. 2,215,148; Sept. 17.
Gauge for moving vehicles, Tank. E. A. Averill. 2,210,159; Aug. 6.
Gauge for paper cutting machines and the like, Power actuated. W. M. Reichart. 2,203,547; June 4.
Gauge for pneumatic tires, Pressure. W. L. Hager. 2,210,534; Aug. 6.
Gauge for pneumatic tires, Pressure. D. F. Ritchie. 2,220,495; Nov. 5.
Gauge for pulling over machines. A. Fagone. 2,201,646; May 21.
Gauge for ships, Float. L. F. Jett. 2,193,423; Mar. 12.
Gauge for shoe pressing machines. S. J. Finn. 2,186,961; Jan. 16.
Gauge for splined work, Ring. S. J. Harley. 2,223,889; Dec. 3.
Gauge for stoneworks, Centering. J. T. Aswad. 2,226,302; Dec. 24.
Gauge for tapered screw threads. S. G. Johnson. 2,218,111; Oct. 15.
Gauge glass with gasket and gasket seat. W. J. Kinderman. 2,201,542; May 21.
Gauge hatch, Manual. G. T. Johnson, Jr. 2,226,060; Dec. 24.
Gauge having a casing with a protective closure means, Pressure. O. C. Mickelberg. 2,215,013; Sept. 17.
Gauge having temperature compensating means, Diaphragm pressure. G. A. Titterington, Jr. 2,194,624; Mar. 26.
Gauge, level, and aligning tool, Railroad track. P. F. Fischer. 2,216,436; Oct. 1.
Gauge, Multiple drilling. W. R. Martin. Re. 21,482; June 11.
Gauge pin. W. A. Hoover. 2,199,288; Apr. 30.
Gauge tester, Pressure. C. S. Schoenecke. 2,207,898; July 16.
Gauge tool. J. Lamond. 2,200,181; May 7.
Gauge unit, Liquid level. L. J. White. 2,217,579; Oct. 8.
Gauge with barometric correction, Pressure. R. Roudnický 2,223,705; Dec. 3.
Gauge with protecting and pulsation damping means, Pressure. W. R. Martin. 2,216,374; Oct. 1.
Gauges, Arrangement of liquid level. B. O. Johansson. 2,219,366; Oct. 29.
Gauging and marking instrument for drawer pulls and door handles. F. Lutz. 2,203,992; June 11.
Gear; *See*—
Aircraft flotation gear.
Beaching gear.
Change speed gear.
Compensating gear.
Control gear.
Deck hoisting gear.
Differential gear.
Disk cam valve gear.
Draft and buffing gear.
Draft gear.
Epicyclic transmission gear.
Fishing gear.
Friction gear.
Friction wheel gear.
Hydraulic transmission gear.
Landing gear.
Liquid control gear.
Pneumatic steering gear.
Power reverse gear.
Power reversing gear.
Pulley belt gear.
Reduction gear.
Retractable aligning gear.
Reverse gear.
Saw-tooth wave generator.
Speed gear.
Steering gear.
Strain gauge.
Tooth gear.
Valve gear.
Vehicle door operating gear.
Vehicle running gear.
Gear and control, Landing. J. B. Reinhard and L. J. Koch. 2,186,993; Jan. 16.
Gear and method of making. E. U. T. Berthelsen. 2,206,831; July 2.
Gear box with free wheeling gear. P. Ravigneaux. 2,195,783; Apr. 2.
Gear case cleaning apparatus. E. W. Davis and L. A. Williams, Jr. 2,223,553; Dec. 3.
Gear change mechanism. P. L. Bojesen. 2,223,716; Dec. 3.
Gear changing mechanism. Y. Sekella. 2,201,304; May 21.
Gear control, Stepless. A. Obermoser. 2,209,417; July 30.
Gear-coupler structure, Railway vehicle draft. C. L. Reid. 2,200,219; May 7.
Gear cutter. A. H. Candee and E. Wildhaber. 2,218,786; Oct. 22.
Gear cutter. E. T. Slayton and R. E. Moyer. 2,216,139; Oct. 1.
Gear cutter. W. E. Sykes. 2,202,407; May 28.
Gear cutting or other milling machine. M. Pfauter. 2,208,804; July 23.
Gear device, Automatically variable change speed. D. W. Berlin. 2,198,753; Apr. 30.
Gear, especially for motor vehicles, Change-speed. T. Kümmich. 2,206,409; July 2.
Gear finishing apparatus. E. W. Miller. 2,207,438; July 9.
Gear finishing machine. J. M. Christman. 2,206,451; July 2.
Gear for aircraft, alighting. T. H. Stone. 2,196,946; Apr. 9.
Gear for airplanes, Transit. A. Batey and R. W. Coupland. 2,186,060; Jan. 9.
Gear for automatic slack adjusters, Operating. B. H. Browall. 2,218,277; Oct. 15.
Gear for bicycles, Change speed. O. Todrys. 2,187,368; Jan. 16.
Gear for brakes, Variable leverage. A. G. H. Carlbom. 2,204,925; June 18.
Gear for dough rounders or the like, Variable orbital drive. O. Florian. 2,188,501; Jan. 30.
Gear for internal combustion engines, Power control. H. Rosskopf and A. Stieglitz. 2,213,412; Sept. 3.
Gear for radio receiving sets, Tuning. L. Kamenarovic. 2,192,084; Feb. 27.
Gear for railway cars, Draft. W. T. Stephens. 2,197,669; Apr. 16.
Gear grinding machine. W. E. Sykes. 2,187,062; Jan. 16.
Gear hobbing machine. F. Lux. 2,214,504; Sept. 10.
Gear lapping apparatus. J. M. Christman. 2,215,750; Sept. 24.
Gear lapping machine. E. R. Nyland. 2,186,304; Jan. 9.
Gear-lubricating system, Sewing machine. R. Kaier. 2,209,336; July 30.
Gear-lubricating system, Sewing-machine. C. A. Kessler. 2,209,338; July 30.
Gear lubrication apparatus. I. Short. 2,214,485; Sept. 10.
Gear mechanism. R. J. L. Moineau. Re. 21,374; Feb. 27.
Gear mounting. L. R. Buckendale. 2,189,100; Feb. 6.
Gear of the epicyclic type, Automatic change speed. M. Bik. 2,206,936; July 9.
Gear of the Föttinger type, Hydraulic. W. Black. 2,226,801; Dec. 31.
Gear pump. J. P. Johnson. 2,202,913; June 4.
Gear pump. N. E. Sacha. 2,210,152; Aug. 6.
Gear reduction. V. C. Hodges. 2,222,814; Nov. 26.
Gear, Reverse. T. L. Fawick. Re. 21,630; Nov. 26.
Gear reverse clutch, Reduction. E. E. Chrysler. 2,224,038; Dec. 3.
Gear selecting mechanism. H. C. McNally. 2,209,415; July 30.
Gear shift, Automobile. R. J. Adams. 2,208,828; July 23.
Gear shift control assembly. R. D. Neiderhiser. 2,216,320; Oct. 1.
Gearshift for washing machine wringers. F. M. Young. 2,190,856; Feb. 20.
Gear shift mechanism. J. Dolza. 2,193,672; Mar. 12.
Gearshift mechanism. F. Girardi and S. Cipullo. 2,202,949–50; June 4.
Gear shift mechanism. R. S. Sanford and W. J. Andres. 2,189,681; Feb. 6.
Gearshift mechanism. A. Vanderveld. 2,190,629; Feb. 13.
Gearshift mechanism, Hydraulic. V. W. Kliesrath and R. S. Sanford. 2,212,442; Aug. 20.
Gear shift, Monitor control. H. W. Price. 2,218,136; Oct. 15.
Gear shifter, Fluid pressure operated. P. M. Carter. 2,206,221; July 2.
Gear shifter means. R. W. Wagner. 2,223,649; Dec. 3.
Gear shifter, Power operated automotive. P. M. Carter, D. F. Linsley, and L. A. Larsen. 2,203,380; June 4.
Gear shifting means. L. A. Bixby. 2,205,589; June 25.
Gear shifting mechanism. W. A. Eaton and R. S. Sanford. 2,226,660; Dec. 31.
Gear shifting mechanism. H. W. Hey. 2,201,971; May 21.
Gear shifting mechanism. V. W. Kliesrath. 2,219,323; Oct. 29.
Gear shifting mechanism. R. Lapsley and A. F. Hasty. 2,197,938; Apr. 23.
Gear shifting mechanism. H. W. Price. 2,202,866; June 4.

Gear shifting mechanism. R. S. Sanford. 2,189,679–80; Feb. 6.
Gear shifting mechanism R. N. Van Buskirk. 2,212,282; Aug. 20.
Gear shifting mechanism, Automatic. T. F. Cheek and L. G. Collyer. 2,190,256; Feb. 13.
Gear shifting mechanism for motor vehicles. H. W. Hey. 2,188,279; Jan. 23.
Gear shifting mechanism for motor vehicles. H. W. Hey. 2,201,970; May 21.
Gear shifting mechanism for motor vehicles. V. F. Simonick. 2,187,465; Jan. 16.
Gear structure, Railway brake. E. A. Le Beau. 2,205,211; June 18.
Gear system, Change speed. J. Cahn. 2,198,958; Apr. 30.
Gear testing and recording machine. O. J. Poupitch. 2,206,853; July 2.
Gear tooth alignment between pinions and gears, Maintaining. A. Kuhns and E. R. Gasser. 2,218,990; Oct. 22.
Gear train assembly. C. Lurtz. 2,196,532; Apr. 9.
Gear transmission for textile machines. W. R. Gordon. 2,197,361; Apr. 16.
Gear transmission, Friction. D. H. Heynau. 2,199,491; May 7.
Gear transmission, Planetary A. Kurti. 2,214,335; Sept. 10.
Gear unit for Venetian blinds, Tilt. H. R. Haase. 2,222,226; Nov. 19.
Gear, Variable. A. L. Steinkamp. Re. 21,532; Aug. 13.
Gear wheel. C. B. Hale. 2,207,290; July 9.
Geared transmission coupling. E. R. Gasser. 2,223,413; Dec. 3.
Gearing. F. C. Best. 2,203,292; June 4.
Gearing. J. M. Custenborder. 2,190,259; Feb. 13.
Gearing. S. G. Green. 2,192,188; Mar. 5.
Gearing. V. F. Lucht. 2,211,788; Aug. 20.
Gearing. A. Meldahl. 2,220,419; Nov. 5.
Gearing. R. J. S. Pigott. 2,222,515; Nov. 19.
Gearing and control, Change speed. E. A. Thompson. 2,193,524; Mar. 12.
Gearing, Change-speed. W. R. Griswold. 2,201.169; May 21.
Gearing, Change speed. J. M. Hall and H. E. Tucker. 2,189,794; Feb. 13.
Gearing, Change-speed or selective. H. Sinclair. 2,220,463; Nov. 5.
Gearing, Change-speed power transmission. H. A. Hanson. 2,202,794; May 28.
Gearing, Continuously variable. H. H. Bugden. 2,205,031; June 18.
Gearing, Electric transmission. K. Hefel. 2,223,210; Nov. 26.
Gearing, Engine starter. E. E. Baldwin. 2,226,544; Dec. 31.
Gearing, Engine starter. B. W. Jones. 2,224,478; Dec. 10.
Gearing, Engine starter. W. L. McGrath and M. P. Whitney. 2,199,505; May 7.
Gearing, Engine starter. Y. Sekella. 2,199,349; Apr. 30.
Gearing, Engine starter. Y. Sekella. 2,213,934; Sept. 3.
Gearing, Engine starter. M. P. Whitney. 2,197,563; Apr. 16.
Gearing, Epicyclic. J. Thomson. 2,196,368; Apr. 9.
Gearing for rotary irons. H. Schlesinger. 2,218,893; Oct. 22.
Gearing for transmitting power. F. B. Halford and W. H. Arscott. 2,225,863; Dec. 24.
Gearing, Friction. A. F. Flender. 2,209,878; July 30.
Gearing, Reduction. I. Short. 2,221,415; Nov. 12.
Gearing, Reverse. H. S. Brown. 2,193.221; Mar. 12.
Gearing, Reverse. P. Grunstra, Jr. 2,226,661; Dec. 31.
Gearing, Rope reversing. T. H. O'Brien. 2,216,321; Oct. 1.
Gearing, Speed increasing. A. F. P. Stenzy. 2,197,014; Apr. 16.
Gearing, Transmission. F. W. Cotterman. 2,201,848; May 21.
Gearing, Transmission. F. W. Cotterman. 2,218,813; Oct. 22.
Gearing, Variable speed. E. G. Staude. 2,186,395; Jan. 9.
Gearing, Variable-speed. W. H. Wallis. 2,229,010; July 23.
Gears, Broaching. W. A. Hart. 2,212,737; Aug. 27.
Gears, Hobbing. O. E. Staples. 2,211,611; Aug. 13.
Gears, Machining globoidal worm. G. R. Scott. 2,195,097; Mar. 26.
Gears, Means for broaching. W. A. Hart. 2,194,595; Mar. 26.
Gears, Method and machine for grooving shaving. E. Wildhaber, A. H. Candee, and W. A. Witham. 2,187,992; Jan. 23.
Gears, Simultaneously finishing cluster. O. G. Simmons. 2,200,584; May 14.
Gel, Colloidal. P. M. Travis. 2,220,667; Nov. 5.
Gel retarding agent. J. H. McKenzie. 2,218,617; Oct. 22.
Gelatin. D. P. Grettie. 2,196,300; Apr. 9.
Gelatin and casein, Purifying. C. Schwartz. 2,191,206; Feb. 20.
Gelatin band shifting and tightening means duplicating machines. W. A. Kropp. 2,220,249; Nov. 5.
Gelatin, Manufacture of. J. V. S. Glass. 2,201,168; May 21.
Gelatin, Manufacture of. S. E. Sheppard and J. H. Hudson. 2,191,034; Feb. 20.
Gelatin product, Preparing. W. E. Stokes and M. H. Kennedy. 2,224,167; Dec. 10.
Gelatin solutions, Increasing the viscosity of. W. J. Weyerts and C. W. Wiederhold. 2,218,255; Oct. 15.
Gem setting. E. H. Augat. 2,222,061; Nov. 19.
Gemming machine. E. A. Ellis. 2,193,584; Mar. 12.
Generating and transmitting electric currents. A. M. Nicolson. 2,212,845; Aug. 27.
Generator: *See*—
Acetylene generator.
Cross field generator.
Elastic fluid generator.
Electric generator.
Electric steam generator.
Electrical oscillation generator.
Electronic generator.
Gas generator.
Heat generator.
High frequency generator.
High tension magneto generator.
High voltage generator.
Impulse generator.
Low frequency generator.
Magneto-electric generator
Magneto generator.
Motor operated generator.
Oil gas generator.
Oscillation generator.
Periodic wave generator.
Power generator.
Pulse generator.
Saw-tooth current generator.
Saw-tooth wave generator.
Scanning current generator.
Short wave generator.
Signal generator.
Speed pulley generator.
Steam generator.
Synchronizing generator.
Ultra-high-frequency generator.
Vapor generator.
Voice frequency generator.
Wave generator.
Generator. A. E. Woodruff. 2,200,612; May 14.
Generator and frequency multiplier, Oscillation. J. L. Reinartz. 2,193,491; Mar. 12.
Generator and operating same, Forced flow. H. J. Keer. 2,211,724; Aug. 13.
Generator control system. J. Shaver. 2,200,376; May 14.
Generator cooler. G. D. Whitman. 2,220,308; Nov. 5.
Generator drive. J. F. Gordon and C. H. Bouvy. 2,186,290; Jan. 9.
Generator drive. W. F. Mercer. 2,204,943; June 18.
Generator for aircraft, High output vapor. N. C. Price. 2,223,856; Dec. 3.
Generator for image reproducing systems, Testing. K. Schlesinger. 2,227,037; Dec. 31.
Generator for motor vehicles, Pressure. C. H. Oshei. 2,211,154; Aug. 13.
Generator regulator. P. H. Craig. 2,214,879; Sept. 17.
Generator regulator. P. E. Hochstetter. 2,218,109; Oct. 15.
Generator, Steam. H. J. Schneider. Re. 21,561; Sept. 10.
Generator suspension mechanism. K. F. Nystrom. 2,204,281; June 11.
Generator synchronizing system, Scanning-wave. J. C. Wilson. 2,198,983; Apr. 30.
Generator voltage regulator. O. Schmutz. 2,217,457; Oct. 8.
Generators, especially supercharged steam generators burning fluid fuels, High speed steam. W. D. La Mont. 2,201,616; May 21.
Generators, Excitation of synchronous. E. Friedlander and O. Schnutz. 2.208,416; July 16.
Generators, Parallel operation of. W. G. Cook. 2,217,432; Oct. 8.
Generators, Regulating electric steam. M. Eaton. 2,185,786; Jan. 2.
Generators, Securing correct polarity of. E. Rosenberg. 2,207,304; July 9.
Geochemical exploration. L. Horvitz. 2,198,619; Apr. 30.
Geochemical prospecting. J. B. Clark. 2,213,905; Sept. 3.
Geochemical prospecting. T. H. Dunn. 2,213,904; Sept. 3.
Geologic nature and characteristics of a formation traversed by a borehole, Method and apparatus for use in determining the. J. J. Jakosky and P. B. Lyons. 2,203,729; June 11.
Geologic strata traversed by boreholes, Exploring the porosity of. O. Martienssen. 2,212,274; Aug. 20.
Geological strata, Process and apparatus for exploring. F. Brons. 2,220,509; Nov. 5.
Geological survey. L. B. Slichter. 2,191,120; Feb. 20.
Geological surveying apparatus. L. B. Slichter. 2,191,121; Feb. 20.
Geometrical instrument. J. K. Barns. 2,194,632; Mar. 26.
Geophysical exploration by time-variant electric currents. E. E. Rosaire and S. S. West. 2,200,096; May 7.
Geophysical prospecting. G. Peterson. 2,190,324; Feb. 13.
Geophysical prospecting. G. Potapenko. 2,190,322; Feb. 13.
Geophysical prospecting and apparatus for practicing such method, Electrical. T. S. West and C. C. Beacham. 2,217,780; Oct. 15.
Geophysical prospecting method. E. E. Rosaire and L. Horvitz. 2,192,525; Mar. 5.
Geophysical prospecting, Method and apparatus for. G. Potapenko. 2,190,321; Feb. 13.
Geophysical prospecting, Method and apparatus for. G. Potapenko and D. Folland. 2,190,323; Feb. 13.
Geranyl crotonate. H. R. Slagh. 2,187,694; Jan. 16.
Germicidal compounds. C. Johnson and W. M. Allison. 2,216,842; Oct. 8.

Germicide. W. N. Axe and D. D. Henson. 2,198,899; Apr. 30.
Germicide. W. H. Engels and J. Weijlard. 2,209,769; July 30.
Germicide. H. L. Guest. 2,209,454; July 30.
Germicide, Detergent. A. L. Waugh. 2,224,889–90; Dec. 17.
Gib. A. J. Holter. 2,226,770; Dec. 31.
Gift exchange plan device. J. J. Deer. 2,212,635; Aug. 27.
Gin, Air blast. A. B. Sanders. 2,219,402; Oct. 29.
Gin and cleaner, Cotton. D. C. Griffin. 2,204,803; June 18.
Gin breast adjuster. W. A. Jones. 2,197,932; Apr. 23.
Gin breast front mounting. F. E. Deems. 2,200,470; May 14.
Gin, Cotton. C. H. Tigner. 2,189,690; Feb. 6.
Gin, Huller. J. J. Wallace. 2,187,673; Jan. 16.
Gin, Huller type cotton. J. J. Wallace. 2,188,826; Jan. 30.
Gin, Linter. G. C. Morgan. 2,192,690; Mar. 5.
Girders and the like together, Clamping. H. Lindsay. 2,210,249; Aug. 6.
Girdle. L. F. Campbell. 2,193,444; Mar. 12.
Girdle. A. Jacobs and J. Ciringione. 2,224,684; Dec. 10.
Girdle. H. Rabinowitz. 2,216,134; Oct. 1.
Gland. H. E. La Bour. 2,226,001; Dec. 24.
Gland, Air cushioned. H. E. La Bour. 2,192,395; Mar. 5.
Gland for vacuum chambers. P. Alexander and P. C. Barnes. 2,215,449; Sept. 24.
Gland or packing. F. V. Brown. 2,186,664; Jan. 9.
Gland, Packing. F. G. Beckman. 2,199,735; May 7.
Gland, Stuffing. D. C. Sharp. 2,204,915; June 18.
Glaremeter. H. R. Higley. 2,209,728; July 30.
Glare preventing means, Motor vehicle. O. Wiederhold. 2,223,710; Dec. 3.
Glareshield construction, Automobile. C. A. Minor, Jr. 2,201,197; May 21.
Glass, Absorptive. R. A. Miller. 2,223,118; Nov. 26.
Glass, Adjustable looking. H. B. Hopson. 2,214,694; Sept. 10.
Glass and metal construction unit. S. H. Stupakoff. 2,220,690; Nov. 5.
Glass and the like, Hand reading. H. Neuwirth. 2,208,642; July 23.
Glass and the like structure, Mortar-bonded. R. R. McGregor and E. L. Warrick. 2,215,048; Sept. 17.
Glass article and making it, Frosted. J. A. Yunck. 2,202,327; May 28.
Glass article and making it, Internally frosted. H. S. Willson. 2,202,326; May 28.
Glass article bottomer. P. Krause. 2,203,573; June 4.
Glass article, Decorating. W. R. Ferguson. 2,194,115; Mar. 19.
Glass article, Hollow. R. W. Kell. 2,194,756; Mar. 26.
Glass article, Molded. G. E. Reinker. 2,197,562; Apr. 16.
Glass articles and bath therefor, Tempering. W. W. Shaver. 2,205,181; June 18.
Glass articles, Forming hollow. G. E. Rowe. 2,226,504; Dec. 24.
Glass articles, Heating and reshaping. J. C. Hostetter. 2,215,041; Sept. 17.
Glass articles, Method of and apparatus for facilitating inspection of. C. A. Everett. 2,219,572; Oct. 29.
Glass articles, Tempering. W. W. Shaver. 2,205,180; June 18.
Glass articles, Treating. E. C. Leibig and J. F. Hyde. 2,198,733; Apr. 30.
Glass being drawn, Removing cracks from a sheet of. A. E. Spinasse. 2,197,811; Apr. 23.
Glass beveling machine. A. Macellaro and A. Tornese. 2,187,748; Jan. 23.
Glass block, Composite cellular. W. O. Lytle. 2,205,534; June 25.
Glass blocks, Method and apparatus for making hollow. R. W. Kell. 2,194,755; Mar. 26.
Glass body. W. Schröder. 2,224,088; Dec. 3.
Glass, Borosilicate. H. P. Hood and M. E. Nordberg. 2,221,709; Nov. 12.
Glass building block, Hollow. H. L. Eastus. 2,196,109; Apr. 2.
Glass charge delivery apparatus and method. K. E. Peiler. 2,209,018; July 23.
Glass cleaning fluid and the manufacture thereof. F. L. Bishop, Jr. 2,200,354; May 14.
Glass composition. H. H. Blau. 2,224,469; Dec. 10.
Glass composition. E. D. Tillyer, H. R. Moulton, and T. M. Gunn. 2,226,418; Dec. 24.
Glass composition, High silica. W. C. Taylor. 2,224,493; Dec. 10.
Glass cooling apparatus. J. Grant. 2,202,100; May 28.
Glass cutter. L. A. Aillaud. 2,210,193; Aug. 6.
Glass cutter apparatus, Sheet. J. H. Moller. 2,197,560; Apr. 16.
Glass cutting apparatus. B. F. Anderson. 2,200,975; May 14.
Glass cutting appliance. R. F. Hall. 2,212,599; Aug. 27.
Glass cutting machine. H. W. Archer. 2,202,751; May 28.
Glass cutting machine. G. W. Burroughs. 2,190,641; Feb. 20.
Glass decorating. L. R. Gasper. 2,207,585; July 9.
Glass, Electrically heating molten. G. Slayter. 2,188,927; Feb. 6.
Glass fabric, Coated. C. S. Hyatt and J. C. Lowman. 2,204,859; June 18.
Glass fabrication process and mold. R. W. Moore. 2,201,049; May 14.
Glass feeding mechanism and method, Suction cup. R. W. Canfield. 2,224,759; Dec. 10.
Glass, Fluorescent. H. P. Hood. 2,215,040; Sept. 17.
Glass for gaseous electric discharge devices. H. Krefft, K. Larché, and M. Thomas. 2,200,958; May 14.
Glass for motor vehicle lights. O. Borsarelli. 2,220,639; Nov. 5.
Glass for tempering, Heating plates of. L. J.-B. Forbes. 2,198,622; Apr. 30.
Glass, Frost-resistant. F. Cornetto. 2,215,209; Sept. 17.
Glass handling apparatus. E. Hiatt and J. J. Macken. 2,191,143; Feb. 20.
Glass, Heat-absorbing. E. Berger. 2,194,784; Mar. 26.
Glass, Heat insulating. E. Danner. 2,193,393; Mar. 12.
Glass inspection apparatus. E. L. Walters. 2,213,422; Sept. 3.
Glass, Laminated safety. B. J. Dennison. 2,194,013; Mar. 19.
Glass, Laminated safety. C. J. Malm. 2,192,196; Mar. 5.
Glass, Laminated safety. J. D. Ryan and J. D. Gwyn. 2,200,969; May 14.
Glass, Laminated safety. J. D. Ryan and G. B. Watkins. 2,188,395; Jan. 30.
Glass, Laminated safety. G. B. Watkins and J. D. Ryan. 2,209,435; July 30.
Glass, Low-reflectance. K. B. Blodgett. 2,220,862; Nov. 5.
Glass, Luminescent. W. Hänlein. 2,219,895; Oct. 29.
Glass machine. J. W. Errett. 2,192,302; Mar. 5.
Glass, Manufacture of. P. E. Harth. 2,218,334; Oct. 15.
Glass, Manufacture of laminated. F. L. Bishop, R. H. Du Bois, and P. Finnegan. 2,221,367; Nov. 12.
Glass, Manufacture of laminated. F. L. Bishop and C. S. Shoemaker. 2,214,158; Sept. 10.
Glass, Manufacture of selenium-containing ruby. H. Löffler. 2,224,791; Dec. 10.
Glass, Manufacture of sheet. A. J. Bundy. 2,201,286; May 21.
Glass melting and delivering apparatus and method. B. H. Koob. 2,226,498; Dec. 24.
Glass melting tank. C. C. King. 2,222,816; Nov. 26.
Glass-metal article, Composite. V. H. Fraenckel. 2,219,574; Oct. 29.
Glass-metal articles, Making composite. V. H. Fraenckel. 2,219,573; Oct. 29.
Glass, Method and apparatus for circulating. A. E. A. S. Cornelius. 2,198,304; Apr. 23.
Glass, Method and apparatus for polishing traveling flat. J. H. Griffin. 2,197,104; Apr. 16.
Glass, Method and apparatus for use in the manufacture of laminated safety. E. L. Walters. 2,205,003; June 18.
Glass, Method and apparatus of melting and fining. G. Slayter. 2,212,528; Aug. 27.
Glass, Method of and apparatus for delivering and gathering. A. F. Tremblay. 2,191,733; Feb. 27.
Glass, Method of and apparatus for forming and feeding gobs of. N. R. Salskov-Iversen. 2,198,742; Apr. 30.
Glass, Method of and apparatus for making. V. Mulholland. 2,203,269; June 4.
Glass mold. W. McK. Greed. 2,212,984; Aug. 27.
Glass mounting unit, Bulletproof. I. W. Rider. 2,226,833; Dec. 31.
Glass, Nonshattering. I. Ostromislensky. 2,189,293; Feb. 6.
Glass, Optical. L. W. Eberlin. 2,206,081; July 2.
Glass, Phosphate. H. Grimm and P. Huppert. 2,227,082; Dec. 31.
Glass pressing machine. F. L. O. Wadsworth. 2,217,425; Oct. 8.
Glass, Process and apparatus for tempering. H. Perry and A. W. Grotefeld. 2,199,511; May 7.
Glass product, Producing a cellular. A. D. Nash. 2,202,714; May 28.
Glass, Production of fiber. H. K. Martin. 2,227,357; Dec. 31.
Glass, Protective. F. Weidert and H. Löffler. 2,219,122; Oct. 22.
Glass refractory. J. H. Partridge. 2,199,856; May 7.
Glass, Refractory. M. Pirani. 2,219,332; Oct. 29.
Glass run channel structure. G. T. Balfe. 2,216,105; Oct. 1.
Glass run glide channel. A. H. Haberstump. 2,214,328; Sept. 10.
Glass, Safety. E. L. Fix. 2,202,690; May 28.
Glass, Safety. L. P. Kyrides. 2,205,420; June 25.
Glass sands, Using grinding. J. R. Jones. 2,191,962; Feb. 27.
Glass, Sealing. K. Steimel. 2,205,582; June 25.
Glass severing mechanism, Molten. W. T. Honiss. 2,218,970; Oct. 22.
Glass sheet glazing unit, Multiple. C. D. Haven. 2,213,468; Sept. 3.
Glass sheet glazing units, Manufacture of multiple. J. J. Hopfield. 2,213,395; Sept. 3.

Glass sheets, Bending. O. H. Paddock. 2,218,654; Oct. 22.
Glass sheets, Coating. C. S. Shoemaker. 2,224,236; Dec. 10.
Glass sheets, Method and apparatus for bending and case hardening. W. Owen. 2,223,124; Nov. 26.
Glass sheets, Process and apparatus for bending. J. G. Oliver. 2,215,228; Sept. 17.
Glass sheets, Method and apparatus for severing. W. Owen. 2,219,698; Oct. 29.
Glass sheets, Tempering. B. Long. 2,194,760; Mar. 26.
Glass spinning ring. E. F. Feen. 2,194,930; Mar. 26.
Glass, Splinterless. W. Starck and W. Heuer. 2,219,433; Oct. 29.
Glass substitute and process of preparing. O. Röhm and W. Bauer. 2,193,742; Mar. 12.
Glass, Tempering. C. J. Phillips. 2,198,739; Apr. 30.
Glass, Tempering. J. Wilson. 2,194,730; Mar. 26.
Glass textile material for electrical insulation, Fibrous. E. B. Shand and J. F. Hyde. 2,209,850; July 30.
Glass to metal seals, Making. S. Umbreit. 2,189,970; Feb. 13.
Glass tube cutter. F. E. de G. Moreira. 2,199,807; May 7.
Glass welding apparatus. R. T. Lowd, Jr., and S. S. Kay. 2,186,647; Jan. 9.
Glass with carbon, Bonding fiber. J. F. Hyde. 2,225,009; Dec. 17.
Glass wool, Agricultural application of. G. Slayter and J. H. Thomas. 2,192,939; Mar. 12.
Glass wool apparatus. E. H. Wellech. 2,220,433; Nov. 5.
Glass wool, Manufacture of. G. Slayter and J. H. Thomas. 2,206,058; July 2.
Glass wool, Method and apparatus for making. L. D. Soubier. 2,207,764; July 16.
Glass working tool. R. A. Yuchtmann. 2,191,245; Feb. 20.
Glasses. J. F. Paterson. 2,208,103; July 16.
Glasses and eye protector. G. R. Austad. 2,206,997; July 9.
Glasses, jars and other containers, Temporarily supporting drinking. R. J. Rodd. 2,220,285; Nov. 5.
Glasses, Treating borosilicate. H. P. Hood and M. E. Nordberg. 2,215,039; Sept. 17.
Glasslike material, Making lightweight. A. A. Fowler and R. M. Otis. 2,209,678; July 30.
Glassware, Burning off. C. W. Schreiber. 2,215,980; Sept. 24.
Glassware, Forming. E. Danner. 2,225,369; Dec. 17.
Glassware forming apparatus. A. E. Brown. 2,199,356; Apr. 30.
Glassware forming machine. F. O'Neill. 2,191,132; Feb. 20.
Glassware forming method and apparatus. S. E. Winder. 2,198,750; Apr. 30.
Glassware, Making hollow. C. B. Garwood. 2,205,382; June 25.
Glassware, Method and apparatus for producing. R. J. Beatty. 2,225,948; Dec. 24.
Glassware mold. T. D. Saunders. 2,209,936–7; July 30.
Glassware, Ornamental. A. J. Cunningham and V. Walker. 2,203,647; June 4.
Glassware receiving, conveying, and uprighting apparatus. O. Shackelford. 2,193,942; Mar. 19.
Glassware, Side arm equipped. W. T. Levitt. 2,206,816; July 2.
Glassy shapes and producing same. M. Korach and A. Dal Borgo. 2,208,034; July 16.
Glaze for ceramic decoration. A. J. Deyrup. 2,207,723; July 16.
Glaze for decorating glassware. A. J. Deyrup. 2,225,161; Dec. 17.
Glaze for decorating glassware, Opaque white. A. J. Deyrup. 2,225,160; Dec. 17.
Glazier's point. C. W. Skinner and E. R. Morris. 2,197,060; Apr. 16.
Glazing, Double. B. F. Hazelton, Jr., W. P. Zimmerman, and M. K. Holmes. 2,198,578; Apr. 23.
Glazing unit, Double. E. L. Fix. 2,205,522; June 25.
Glider. A. S. Goldberg. 2,210,076; Aug. 6.
Glider apparatus. F. E. Welch. 2,225,425; Dec. 17.
Glider, Convertible. W. I. Smith. 2,198,887; Apr. 30.
Glider structure. W. I. Smith. 2,198,518; Apr. 23.
Globe and Illustrating visibility, Vision. A. M. Patterson, Jr. and N. S. Riley, Jr. 2,205,961; June 25.
Globe and mounting therefor, Illuminated. O. A. Colberg. 2,200,821; May 14.
Globe cabinet. T. Nassos. 2,218,212; Oct. 15.
Globe, Incandescent lamp. J. B. Kassel. 2,201,094; May 14.
Globe mount. E. M. Sargent. 2,197,159; Apr. 16.
Globe, Terrestrial. G. E. Mills. 2,195,420; Apr. 2.
Globulin from cottonseed, Recovery of. H. S. Olcott. 2,194,867; Mar. 26.
Glove. G. W. Geissmann. 2,194,934; Mar. 26.
Glove. G. W. Geissmann. 2,226,604; Dec. 31.
Glove. H. A. Gillian. 2,210,484; Aug. 6.
Glove. M. Orne. 2,211,215; Aug. 13.
Glove. L. A. Wickman. 2,219,501; Oct. 29.
Glove and making the same, Knitted. M. Bialostok. 2,185,720; Jan. 2.
Glove and receptacle, Combination. M. Dunton. 2,223,029; Nov. 26.
Glove, Baseball. R. le Mat. 2,200,204; May 7.
Glove, Combination leather and fabric. C. E. Moore. 2,217,377; Oct. 8.
Glove for handball and the like. H. M. Clark. 2,214,576; Sept. 10.
Glove, Golf. J. C. Sherrick. 2,187,987; Jan. 23.
Glove or like article. H. C. Martin. 2,194,861; Mar. 26.
Glove pressing machine. L. Brownstein. 2,199,778; May 7.
Glove, Reversible. R. G. Kirchner, Jr., and F. K. Mistele. 2,216,241–2; Oct. 1.
Glove, Rubber. C. E. Olmsted and H. McClary. 2,187,430; Jan. 16.
Glove, Swimmer's. R. A. Clayton, Jr. 2,211,536; Aug. 13.
Glove, Work. C. L. Dunn. 2,196,603; Apr. 9.
Glow discharge device. H. Epstein. 2,220,895; Nov. 12.
Glow discharge device, Mobile pattern. R. H. Seaman and C. A. Schwenden. 2,214,441; Sept. 10.
Glow discharge tube. M. F. Hasler, R. W. Lindhurst, and P. Cravitz. 2,202,101; May 28.
Glow plug. A. F. Klingner. 2,205,145; June 18.
Gluconate and producing it, Ephedrine. E. H. Stuart. 2,211,630; Aug. 13.
Glucosides of polyhydroxy-flavones and polyhydroxy-flavanones. M. Bockmühl and E. Bartholomäus. 2,224,807; Dec. 10.
Glue, Drying. E. H. Hoelscher and R. S. Tour. 2,198,617; Apr. 30.
Glutathione compounds and making the same. W. Schoeller and H. Goebel. 2,209,299; July 23.
Glycerides and products resulting therefrom, Extracting and refining. S. E. Freeman. 2,200,390; May 14.
Glycerides and recovering glycerin, Splitting. B. H. Thurman. 2,190,616; Feb. 13.
Glycerides, Treatment of partially rancid. C. Ellis and F. Dannerth. 2,204,729; June 18.
Glycerin by fermentation, Production of. H. Haehn. 2,189,793; Feb. 13.
Glycerin recovery process. N. M. Mnookin. 2,194,665; Mar. 26.
Glycerine, Recovering. B. Clayton. 2,195,377; Mar. 26.
Glycerol dichlorohydrin. E. C. Britton and H. R. Slagh. 2,198,600; Apr. 30.
Glycerol solutions, Treatment of. R. F. Peterson. 2,215,189; Sept. 17.
Glycidols, Process and product relating to. H. P. A. Groll and G. Hearne. 2,224,849; Dec. 17.
Glycol acrylates, Preparation of. E. H. Haux. 2,215,219; Sept. 17.
Glycols and preparing same, Dialkoxy substituted. J. Heckmaier and F. Kaufler. 2,215,583; Sept. 24.
Glycosides of pentose ethers. E. V. White. 2,218,569; Oct. 22.
Gnathostat. M. D. MacGoun. 2,225,274; Dec. 17.
Gocart, Folding. W. R. Sayles. 2,221,111; Nov. 12.
Goggle. G. F. Marciano. 2,208,336; July 16.
Goggles, Welder's. O. E. Hagen. 2,187,542; Jan. 16.
Gold alloys, Manufacture of. O. Loebich. 2,216,495; Oct. 1.
Gold and the like from rock and ores, Recovering micronic particles of. H. Jeffs and E. J. Dunn. 2,193,234; Mar. 12.
Gold compounds of albumose-like keratin degradation products containing sulphhydryl groups, Manufacture of complex. A. Feldt and K. Schöllkopf. 2,186,694; Jan. 9.
Gold from saprolite gold ores and other refractory slow settling gold ores, Recovering. B. D. Crawford. 2,186,779; Jan. 9.
Gold keratinates and making same, Alkaline earth metal. A. Feldt and A. Schmitz. 2,197,795; Apr. 23.
Gold mining device, Placer. W. W. Gray. 2,204,489; June 11.
Gold refining. S. J. Blaut. 2,199,391; May 7.
Gold, silver, palladium, or the like, Removing. S. R. Mason. 2,185,858; Jan. 2.
Golf apparatus. C. J. Rohland. 2,213,570; Sept. 3.
Golf bag. H. D. Gihon, III. 2,185,706; Jan. 2.
Golf bag. L. H. Meyer. 2,186,491; Jan. 9.
Golf bag. C. P. Wymen. 2,217,353; Oct. 8.
Golf bag carrier. H. K. Perrill. 2,210,632; Aug. 6.
Golf bag support. A. L. Delin. 2,214,579; Sept. 10.
Golf ball. B. Bogoslowsky. 2,200,257; May 14.
Golf ball cores, Making. J. R. Gammeter. 2,201,691; May 21.
Golf ball cover. J. A. Merrill. 2,188,284–5; Jan. 23.
Golf ball holder. J. Armstrong. 2,219,732; Oct. 29.
Golf ball marking device. R. J. Hibbard. 2,189,757; Feb. 13.
Golf ball retriever. C. Christensen. 2,205,345; June 18.
Golf ball retriever. W. Filipiak. 2,204,482; June 11.
Golf balls, Making. L. A. Young. 2,203,377; June 4.
Golf balls, Manufacturing. E. Myers. 2,206,971; July 9.
Golf club. A. J. Chapman. 2,203,893; June 11.
Golf club. G. Fuller. 2,217,338; Oct. 8.
Golf club. C. G. Horton. 2,214,079; Sept. 10.
Golf club. W. R. Moore, Jr. 2,225,839; Dec. 24.
Golf club. G. P. Reid. 2,218,268; Oct. 15.
Golf club. I. E. Sexton. 2,225,930–1; Dec. 24.
Golf club. K. Smith. 2,198,350; Apr. 23.
Golf club. R. Strasser. 2,204,974; June 18.
Golf club. A. K. Theibault, Sr. 2,201,638; May 21.

Golf club. W. L. Wettlaufer. 2,219,670; Oct. 29.
Golf club or putter. A. J. Sanderson. 2,212,651; Aug. 27.
Golf club shaft. A. W. Scott. 2,220,852; Nov. 5.
Golf device. R. C. Byrd. 2,222,499; Nov. 19.
Golf device. J. T. Casebeer. 2,213,518; Sept. 3.
Golf game device. J. J. Shelley, Jr. 2,195,634; Apr. 2.
Golf practicing apparatus. G. D. Paulsen. 2,189,613; Feb. 6.
Golf practicing device. L. T. Martin and C. E. Dodson. 2,201,697; May 21.
Golf putter. H. T. Harris. 2,222,534; Nov. 19.
Golf tee. A. D. Jordan. 2,202,556; May 28.
Golf tee. R. B. Whitman. 2,186,057; Jan. 9.
Golf teeing device. L. Gale. 2,212,877; Aug. 27.
Golf teeing device. J. F. Jewett. 2,198,968; Apr. 30.
Goniometric device for determining the dip and strike of strata from bore-core. F. Humphreys. 2,186,677; Jan. 9.
Goods containing proteins against insects, Protecting. P. Schlack. 2,202,169; May 28.
Goods from a chocolate coating or like machine, Transporting. A. A. Tunley and W. E. Prescott. 2,197,327; Apr. 16.
Goods, Improving of. W. Hentrich. 2,200,603; May 14.
Governing apparatus. A. Folgmann. 2,217,268; Oct. 8.
Governing apparatus. A. F. Schwendner. 2,225,321; Dec. 17.
Governing mechanism. J. A. Hess. 2,194,166; Mar. 19.
Governing mechanism. H. A. Hess. 2,216,569; Oct. 1.
Governor. H. G. Adler. 2,212,890; Aug. 27.
Governor. J. W. Anderson, Jr. 2,209,374; July 30.
Governor. J. S. Jennings, Jr. 2,187,653; Jan. 16.
Governor. J. S. Jennings, Jr. 2,196,498; Apr. 9.
Governor. J. S. Jennings, Jr. 2,200,065; May 7.
Governor. A. Kalin. 2,219,229; Oct. 22.
Governor. G. Kende. 2,211,466; Aug. 13.
Governor. W. E. Leibing. 2,185,793; Jan. 2.
Governor. R. L. Ohls. 2,203,874; June 11.
Governor. L. F. Sarnes. 2,209,421; July 30.
Governor. R. F. Smith. 2,225,238; Dec. 17.
Governor. C. C. Taylor. 2,188,559; Jan. 30.
Governor. A. P. Thomas. 2,200,459; May 14.
Governor. L. E. Warner and H. T. Avery. 2,220,306; Nov. 5.
Governor and driving control for automotive vehicles, Speed. C. V. Shearer. 2,203,446; June 4.
Governor, Automobile speed. J. C. Weaver. 2,194,880; Mar. 26.
Governor, Cabinet type actuator. I. C. Martin and H. W. Thorell. 2,209,987; Aug. 6.
Governor, Centrifugal. L. Kamenarović. 2,196,360; Apr. 9.
Governor, Centrifugal. F. H. Seeley. 2,213,824; Sept. 3.
Governor, Centrifugal speed. E. Lecoultre. 2,214,304; Sept. 10.
Governor, Compressor. N. A. Christensen. 2,192,538; Mar. 5.
Governor, Constant speed. C. E. Meyerhoefer. 2,225,072; Dec. 17.
Governor, Electric. N. Worobjeff. 2,224,581; Dec. 10.
Governor, Engine. C. J. Brever. 2,224,507; Dec. 10.
Governor, Engine. E. P. Paxman. 2,215,406; Sept. 17.
Governor, Engine throttle. E. M. Claytor. 2,188,704; Jan. 30.
Governor, Fluid flow. C. J. Coberly. 2,224,216; Dec. 10.
Governor, Fluid-flow. G. Mills. 2,217,129; Oct. 8.
Governor for fluid operated pumps, Flow. C. J. Coberly. 2,191,093; Feb. 20.
Governor for internal combustion engines, Centrifugal. M. Hurst. 2,215,722; Sept. 24.
Governor for motor vehicles, Speed control. W. H. Ross. 2,208,473; July 16.
Governor for prime movers. I. M. Crafts and C. B. Taylor. 2,197,743; Apr. 16.
Governor for thermostats. C. G. Anderson. 2,224,210; Dec. 10.
Governor mechanism. W. E. Kemp. 2,216,240; Oct. 1.
Governor mechanism. E. E. Woodward. 2,204,639–40; June 18.
Governor, Nongravitational. J. Stussi and R. E. Zenner. 2,227,112; Dec. 31.
Governor, Oil pressure. P. Spence. 2,226,102; Dec. 24.
Governor, Speed. C. R. Hanna and S. J. Mikina. 2,189,634; Feb. 6.
Governor with large anticipation, Centrifugal. C. R. Hanna. 2,205,257; June 18.
Gown. M. B. Teamer. 2,221,851; Nov. 19.
Gown, Hair. E. Cogburn. 2,222,896; Nov. 26.
Gown, Sanitary. A. L. Prouty. 2,212,719; Aug. 27.
Grab, Brick stack. R. A. Fontaine. 2,213,629; Sept. 3.
Grab fork. R. A. Fontaine. 2,211,499; Aug. 13.
Grade line finder. P. L. Fogle. 2,190,779; Feb. 20.
Grader. N. H. Schneider. 2,187,101; Jan. 16.
Grader attachment for crawler type tractors, Elevating. J. C. Griffith and W. O. Winston. 2,199,239; Apr. 30.
Grader for vegetables, fruits or other articles. J. R. Pellam. 2,207,131; July 9.
Grader, Fruit and vegetable. A. B. McLauchlan. 2,223,455; Dec. 3.
Grader, Railway ballast. G. W. Huey. 2,209,732; July 30.
Grader, Road. F. E. Arndt. 2,196,967; Apr. 16.
Grader, Road. F. E. Arndt. 2,197,390; Apr. 16.
Grader, Road. F. E. Arndt. 2,205,588; June 25.
Grading machine. N. Bretholtz. 2,207,237; July 9.
Grading machine. A. R. Henry and M. C. Wills. 2,195,306; Mar. 26.
Grading machine. J. W. Johnston. 2,187,204; Jan. 16.
Grading machine. P. Weir. 2,202,508; May 28.
Grading machine, Fine. H. J. Adler. 2,196,513; Apr. 9.
Grading scale. G. W. Leighton. 2,188,511; Jan. 30.
Grading screen. H. H. Muir. 2,190,993; Feb. 20.
Grafting device. A. La Fata. 2,219,654; Oct. 29.
Grain cleaner. W. A. Holtzman. 2,216,914; Oct. 8.
Grain cleaner. W. F. Scheel. 2,186,210; Jan. 9.
Grain cleaner. H. and H. J. Van Dyke. 2,212,722; Aug. 27.
Grain conveyer and loader. D. Love. 2,223,894; Dec. 3.
Grain cutting machine. P. B. Koch. 2,192,382; Mar. 5.
Grain distribution. A. W. Gerber. 2,219,226; Oct. 22.
Grain divider. E. H. Johnson. 2,195,518; Apr. 2.
Grain dusting machine. S. J. Goodfellow. 2,197,693; Apr. 16.
Grain dusting machine, Tilting seed. H. J. Kemp. 2,207,924; July 16.
Grain especially wheat, Treatment of. A. E. François. 2,204,039; June 11.
Grain, Grinding. R. T. Gentry. 2,223,931; Dec. 3.
Grain sampling device. F. F. Lewis. 2,215,706; Sept. 24.
Grain separator. C. C. Calkins and L. A. Hunt. 2,214,920; Sept. 17.
Grain separator. L. A. Hunt and C. C. Calkins. 2,214,277; Sept. 10.
Grain separator. H. L. Johnson. 2,203,152; June 4.
Grain separator and aspirator. H. Mjolsness. 2,211,575; Aug. 13.
Grain-sorting machine. F. B. Bloc. 2,191,843; Feb. 27.
Grain, Surface moistening. J. M. Baer. 2,198,597; Apr. 30.
Grain treating machine. J. F. Stokes. 2,200,434; May 14.
Graining machine. F. H. Helrigel. 2,196,415; Apr. 9.
Graining machine. O. B. Mack. 2,192,233; Mar. 5.
Graining machine. E. P. Mertes, J. J. Kellogg, and E. E. Fickenwirth. 2,225,752; Dec. 24.
Graining machine. H. J. Pattison. 2,202,465; May 28.
Gramophones, Automatic and other. G. S. Mann. 2,192,360; Mar. 5.
Granular adsorbent and manufacture thereof. M. Y. Seaton. 2,219,725; Oct. 29.
Granular coated article. H. P. Kirchner and C. E. Wooddell. 2,187,743; Jan. 23.
Granules and producing same, Artificially colored. M. H. Veazey. 2,215,600; Sept. 24.
Grapefruit cutter. B. de Prume. 2,210,974; Aug. 13.
Graphite feeder. F. L. Balkwill. 2,216,106; Oct. 1.
Graphite refractory article. R. M. Shremp. 2,222,184; Nov. 19.
Grapple, Fish. E. H. Lange. 2,196,117; Apr. 2.
Grapple of the hay-fork type. W. E. McCleary. 2,212,350; Aug. 20.
Grass cutter. J. A. Orr. 2,197,561; Apr. 16.
Grate. N. James and J. J. Zurenda, Jr. 2,211,270; Aug. 13.
Grate, Refrigerator car ice. J. S. Swann. 2,192,564; Mar. 5.
Grate shaking mechanism for fuel burning apparatus. C. H. Holmes and G. F. Geis. 2,205,291; June 18.
Grater, coconut. S. H. Mock. 2,190,105; Feb. 13.
Grater, Dry. M. B. Strause. 2,207,903; July 16.
Grater, Food. A. Kurtz. 2,208,335; July 16.
Grater, Fruit and vegetable. J. A. Kashew. 2,220,485; Nov. 5.
Grating and like structure. H. S. Nagin. 2,190,214–5; Feb. 13.
Grating machine for citrus fruit and the like. W. O. Brown. 2,208,787; July 23.
Gratings. Method of welding. W. A. Bates. 2,187,529; Jan. 16.
Gravel pack in a well bore, Forming a. L. A. Layhe. 2,205,422; June 25.
Gravel packing for wells. C. J. Coberly. 2,217,215; Oct. 8.
Gravity balance, Multiple component. L. W. Blau. 2,185,582; Jan. 2.
Gravity measurements. G. A. Ising. 2,221,480; Nov. 12.
Gravity measuring instrument. H. M. Evjen and D. S. Muzzey, Jr. 2,217,361; Oct. 8.
Gravity measuring instrument. S. B. von Thyssen-Bornemisza. 2,190,959; Feb. 20.
Gravity meter. J. M. Ide. 2,225,566; Dec. 17.
Gravity meter clamp. J. L. Bible. 2,225,582; Dec. 17.
Gravity switch. G. Soulat. 2,201,637; May 21.
Grease. F. W. Sullivan, Jr. 2,211,941; Aug. 20.
Grease. L. W. Yagle. 2,186,514; Jan. 9.
Grease and making same. J. C. Zimmer and A. J. Morway. 2,189,873; Feb. 13.
Grease and making the same. S. E. Jolly. 2,188,864; Jan. 30.
Grease and making the same. S. E. Jolly and W. M. McKee. 2,188,863; Jan. 30.
Grease composition. E. S. Carmichael and G. M. Hain. 2,197,263; Apr. 16.
Grease demonstrating device. G. D. Biggs. 2,221,731; Nov. 12.
Grease dispenser. T. and F. Gialloreto and M. Montalbano. 2,208,840; July 23.

Grease gun. E. P. Sundholm. 2,218,363; Oct. 15.
Grease injecting apparatus. O. J. Bratz. 2,201,426; May 21.
Greases, Manufacture of mill. W. E. Bradley. 2,222,589; Nov. 26.
Grease, Manufacturing. M. T. Buford. 2,189,661; Feb. 6.
Grease, Mill. P. S. Clarke and W. E. Bradley. 2,222,591; Nov. 26.
Grease retainer with integral diaphragm and outer seal. J. B. Victor. 2,208,482; July 16.
Grease, Soda soap. L. C. Brunstrum. 2,212,189; Aug. 20.
Greenhouse construction. O. K. Slater, Jr. 2,200,706; May 14.
Greeting light. W. B. Stehlin. 2,216,424; Oct. 1.
Greeting replica. H. Hayes. 2,205,262; June 18.
Grenade, Hand. G. Cardini. 2,216,587; Oct. 1.
Grenade, Hand. J. Hines and L. Segal. 2,203,640; June 4.
Grey for textile printing, Back. E. Farnworth and G. H. Wood, Jr. 2,222,143; Nov. 19.
Grid. R. Deroche. 2,195,079; Mar. 26.
Grid, Adjustable broiler. J. E. Leonard. Re. 21,508; July 16.
Grid bias modulating system. H. A. Reise and A. A. Skene. 2,226,258; Dec. 24.
Grid construction for radio tubes. I. E. Mouromtseff. 2,225,077; Dec. 17.
Grid electrode support. L. Goodale. 2,192,375; Mar. 5.
Grid for conveyer belt systems. F. Parker. 2,226,321; Dec. 24.
Grid for transmitting vacuum tubes, Carbon. I. E. Mouromtseff and H. N. Kozanowski. 2,193,600; Mar. 12.
Grid, Ice cube tray. R. H. Money and H. Jones. 2,189,959; Feb. 13.
Grid structure and producing the same, Multiple. G. Liebmann. 2,197,753; Apr. 23.
Grid-trimming apparatus. M. O. Kuhn. 2,200,886; May 14.
Grids, Mechanism for severing. H. C. Winkel. 2,207,650; July 9.
Grids, Method of and apparatus for making. C. I. Baker, V. D. Barker, and C. W. Maurer. 2,225,853; Dec. 24.
Griddle. B. Osborne. 2,211,545; Aug. 13.
Grill. E. H. Spiegl. 2,198,134; Apr. 23.
Grill, Charcoal. A. J. Avetta. 2,201,756; May 21.
Grill, Hamburger. A. M. Lewis and P. B. Weiler. 2,225,176; Dec. 17.
Grille. R. R. Candor. 2,210,023; Aug. 6.
Grille. J. A. Germonprez. 2,195,411–12; Apr. 2.
Grille. L. E. Heasley and N. E. Cole. 2,204,356; June 11.
Grille. R. H. Hutchinson. 2,201,266; May 21.
Grille. R. H. Hutchinson. 2,210,371; Aug. 6.
Grille and fender guard for automobiles. M. Hans. 2,190,328; Feb. 13.
Grille, Constant height adjustable. J. F. Farmer. 2,225,167; Dec. 17.
Grille construction. H. S. Covell, L. E. Heasley, and N. E. Cole. 2,194,113; Mar. 19.
Grille, Radiator. E. G. Zeeb. 2,205,453; June 25.
Grille, Removable window. E. H. Kitzelman. 2,222,667; Nov. 26.
Grille, Shutter. F. H. Penman 2,225,885; Dec. 24.
Grindstone. W. E. Danback. 2,213,065; Aug. 27.
Grinder. H. J. Mankoff. 2,209,277; July 23.
Grinder. H. A. Maurer. 2,189,015; Feb. 6.
Grinder. O. C. Schmidt. 2,216,023; Sept. 24.
Grinder. L. J. Wahl. 2,191,600; Feb. 27.
Grinder and caliper, Combination precision. H. B. Barrett. 2,187,962; Jan. 23.
Grinder and mixer, Combination feed. A. W. Statler. 2,222,380; Nov. 19.
Grinder, Automatic strip. H. M. Brown. 2,191,814; Feb. 27.
Grinder, Brake shoe. H. Thomason. 2,222,640; Nov. 26.
Grinder, Centerless. F. S. Haas. 2,199,457; May 7.
Grinder, Crank pin. C. J. Cook. 2,197,684; Apr. 16.
Grinder, Drill. F. O. Hoagland. 2,207,804; July 16.
Grinder, Duplicating. E. A. Baerer. 2,222,392; Nov. 19.
Grinder, Food. G. P. and D. G. Anderson. 2,211,842; Aug. 20.
Grinder, Hand-operated blade. G. Barsch. 2,197,119; Apr. 16.
Grinder, Lens. J. H. Martin. 2,212,179; Aug. 20.
Grinder machine, Centerless bar. G. W. Binns and B. A. Kearns. 2,211,685; Aug. 13.
Grinder, Meat. O. R. Ardrey. 2,200,786; May 14.
Grinder, Meat. L. Jaenichen. 2,199,704; May 7.
Grinder plate cleaner. C. K. Myers. 2,226,317; Dec. 24.
Grinder, Portable blade. F. K. Benedict. 2,193,854; Mar. 19.
Grinder, Saw. A. W. Shaw. 2,213,413; Sept. 3.
Grinding. P. H. Hutchinson. 2,187,471; Jan. 16.
Grinding and lapping machine. E. J. Bullard. 2,209,071; July 23.
Grinding and polishing machine. F. Zeissl. 2,222,454; Nov. 19.
Grinding and separating apparatus. W. M. Cook. 2,200,489; May 14.
Grinding apparatus. S. A. Hamnett. 2,203,262; June 4.
Grinding apparatus. A. B. Knight. 2,185,344; Jan. 2.
Grinding apparatus, All purpose. A. W. Mall. 2,223,732; Dec. 3.
Grinding gauge. P. Conradson. 2,212,511; Aug. 27.
Grinding implement, Valve seat. S. H. Haas. 2,203,142–3; June 4.
Grinding machine. H. E. Balsiger. 2,220,471; Nov. 5.
Grinding machine. J. V. Bergfeldt. 2,222,580; Nov. 19.
Grinding machine. R. H. Cramer and P. H. Hutchinson. 2,188,675; Jan. 30.
Grinding machine. G. Crompton, Jr. 2,185,837; Jan. 2.
Grinding machine. J. Decker. 2,205,373; June 18.
Grinding machine. R. E. Flanders. 2,187,227; Jan. 16.
Grinding machine. C. G. Flygare. 2,201,954; May 21.
Grinding machine. J. I. Garside and C. G. Flygare. 2,190,134; Feb. 13.
Grinding machine. H. S. Indge. 2,221,638; Nov. 12.
Grinding machine. F. A. Jones. 2,200,025; May 7.
Grinding machine. H. E. Kitchen. 2,202,587; May 28.
Grinding machine. P. Koster. 2,191,617; Feb. 27.
Grinding machine. H. J. Mankoff. 2,224,442; Dec. 10.
Grinding machine. R. McMillen. 2,192,981; Mar. 12.
Grinding machine. W. D. Schmidt and H. L. Blood. 2,206,732; July 2.
Grinding machine. E. Stubbs. 2,189,931; Feb. 13.
Grinding machine. A. B. Utterback. 2,187,289; Jan. 16.
Grinding machine. H. M. Vickery. 2,186,397; Jan. 9.
Grinding machine. C. R. Williams. 2,222,966; Nov. 26.
Grinding machine. K. Zwick. 2,213,756; Sept. 3.
Grinding machine attachment. E. F. Henry. 2,189,246; Feb. 6.
Grinding machine, Automatic multiple crank-pin. H. F. Klingele. Re. 21,582; Sept. 24.
Grinding machine, Centerless. J. E. Bergström. 2,210,137; Aug. 6.
Grinding machine, Centerless. R. H. Cramer. 2,205,468; June 25.
Grinding machine, Cylindrical. H. S. Indge. 2,220,768; Nov. 5.
Grinding machine for internal threads. F. Turrettini. 2,218,775; Oct. 22.
Grinding machine for plastic flooring. G. P. Granell. 2,200,921; May 14.
Grinding machine, Hydraulically operated. C. G. Flygare. 2,217,618; Oct. 8.
Grinding machine, Irregular contour. B. D. Brown. 2,227,243; Dec. 31.
Grinding machine, Locomotive and car wheel. R. G. McGowan. 2,215,403; Sept. 17.
Grinding machine, Meat and bone. E. V. Bloomquist. 2,224,948; Dec. 17.
Grinding machine of injection needles. H. Enya. 2,215,752; Sept. 24.
Grinding machine, Spline shaft. R. Westenberger, W. Hauffe, and W. Georgi. 2,206,492; July 2.
Grinding machine, Valve seat. F. O. Albertson and H. E. Dowling. 2,194,062; Mar. 19.
Grinding machinery. C. I. Lott. 2,219,425; Oct. 29.
Grinding, Method and means for. D. A. Wallace. 2,195,050; Mar. 26.
Grinding mill. H. Hardinge. 2,206,477; July 2.
Grinding mill. G. Linke. 2,208,077; July 16.
Grinding mill. B. Scherbaum. 2,211,518; Aug. 13.
Grinding mill. R. L. Schuhmann. 2,187,102; Jan. 16.
Grinding mill. L. E. Shirley. 2,217,568; Oct. 8.
Grinding mill, Roller. H. F. Winslow. 2,224,330; Dec. 10.
Grinding or abrading machine. S. A. Horstmann. 2,188,947; Feb. 6.
Grinding process and apparatus. J. Crites. 2,200,822; May 14.
Grinding tool. L. B. Lent and J. D. Gamble. 2,188,365; Jan. 30.
Grinding tool. E. M. McGovern and P. Schrick. 2,195,493; Apr. 2.
Grinding tool. H. Schneider. 2,204,826; June 18.
Grinding wheel. S. S. Kistler and C. E. Barnes. 2,195,215; Mar. 26.
Grinding wheel. W. P. Leshure. 2,223,326; Nov. 26.
Grinding wheel. H. R. Simonds. 2,201,410; May 21.
Grinding wheel. E. Van der Pyl. 2,189,259; Feb. 6.
Grinding wheel feeding mechanism. H. E. Balsiger and R. E. Price. 2,211,530; Aug. 13.
Grinding wheel tool. C. E. Strausbaugh. 2,194,622; Mar. 26.
Grinding wheels, Dressing. E. L. Meeson. 2,199,053; Apr. 30.
Grip claw holder. G. Wagenhauser. 2,195,832; Apr. 2.
Grip exerciser. A. D. Vick. 2,205,161; June 18.
Grip for fishing rods, Adjustable finger. L. A. Yuncker. 2,186,515; Jan. 9.
Grip for golf clubs and the like. E. B. Lamkin. 2,195,626; Apr. 2.
Grip for golf clubs or the like. E. B. Lamkin. 2,200,626; May 14.
Grip for handles. E. B. Lamkin. 2,207,062; July 9.
Grip, Furring strip. E. I. Dodds. 2,210,115; Aug. 6.
Grip, Handle bar. C. Roberts. 2,222,121; Nov. 19.
Grip on handles. C. Kimmich. 2,226,468; Dec. 24.
Grip, Pipe. C. J. Esseling. 2,202,446; May 28.
Grip, Polish rod. E. C. Roberts. 2,223,132; Nov. 26.
Gripper. A. F. Pagel. 2,209,630; July 30.
Gripper member for needle looms, Flexible. J. Gabler. 2,191,376; Feb. 20.
Gripper trousers and skirt hanger. D. R. Reed. 2,193,739; Mar. 12.

Gripping device. F. Blackburn. 2,201,285; May 21.
Gripping device. L. A. Gilbert. 2,189,244; Feb. 6.
Gripping device. C. L. C. Magee. 2,197,807; Apr. 23.
Gripping member for golf clubs. A. C. Link. Re. 21,439; Apr. 30.
Gripping tool. M. Wolf. 2,208,714; July 23.
Grit collector. C. S. Wileman. 2,202,475; May 28.
Grommet. H. G. Towner. 2,192,946; Mar. 12.
Grommet making machine. W. A. Young. 2,224,754; Dec. 10.
Grommet, Shell. H. A. Husted. 2,222,456; Nov. 19.
Grommets, Making. A. M. Naysmith, J. F. Drew, and J. Budzinski. 2,216,922; Oct. 8.
Grooves in the walls of bores, Device for producing. K. W. Joos. 2,193,764; Mar. 12.
Grooving machine. S. and P. Baroni. 2,187,142; Jan. 16.
Grooving tool. S. Carelli. 2,205,343; June 18.
Ground engaging means for agricultural implements. H. F. Ferfuson. 2,195,515; Apr. 2.
Ground meat mold. R. C. Ziringer. 2,191,921; Feb. 27.
Ground, Method and apparatus for drilling into water covered. M. B. Willey. 2,217,879; Oct. 15.
Ground rod. R. J. Frank. 2,186,482; Jan. 9.
Ground working implement. W. S. Graham. 2,194,202; Mar. 19.
Ground working implement. A. C. Lindgren and A. E. W. Johnson. 2,224,971; Dec. 17.
Ground working implement. W. C. Nabors. 2,217,449; Oct. 8.
Ground working implement. H. B. Rapp. 2,209,312; July 30.
Grounding clamp. L. G. Wilder. 2,211,451; Aug. 13.
Grounding device for connection boxes. A. I. Appleton. 2,197,737; Apr. 16.
Grounding fitting. C. H. Bissell. 2,216,309; Oct. 1.
Grounds and other earthy and stony masses and structures, Impermeabilizing, tightening, or consolidating. G. H. van Leeuwen. 2,197,843; Apr. 23.
Grouting, Method and apparatus for. J. P. Hartman. 2,196,211; Apr. 9.
Growth control. G. S. Avery, Jr. 2,220,505; Nov. 5.
Growth exterminator. A. M. Schroeder. 2,206,053; July 2.
Guaiacol compound and the production thereof. S. Rosenzweig. 2,194,724; Mar. 26.
Guanidine and making it, Sulphanilyl. P. S. Winnek. 2,218,490; Oct. 15.
Guanidinic derivatives, Manufacture of. A. Beretta. 2,195,073; Mar. 16.
Guanyl and biguanyl compounds. B. Puetzer. 2,213,474; Sept. 3.
Guard and box, Combination window. J. Kaufman. 2,213,192; Sept. 3.
Guard and gear case grease seal, Combination dust. P. Bollinger. 2,186,233; Jan. 9.
Guard and jaw protector, Tooth. J. B. Poindexter. 2,192,558; Mar. 5.
Guard and support, Lamp. L. B. Pierce. 2,225,391; Dec. 17.
Guard arrangement for machine tools. H. L. Blood. 2,203,979; June 11.
Guard, Automobile. M. Pitura and K. Zyma. 2,220,272; Nov. 5.
Guard, Automotive, Vehicle. F. R. Cataldo. 2,191,751; Feb. 27.
Guard, Bicycle. W. Huff. 2,194,660; Mar. 26.
Guard, Brake gear safety. D. M. Light. 2,201,441; May 21.
Guard, Bumper. E. E. Condon. 2,203,942; June 11.
Guard, Bumper. S. R. Conwell. 2,203,489; June 4.
Guard, Bumper. G. A. Lyon. 2,196,019; Apr. 2.
Guard, Bumper. G. A. Lyon. 2,207,155; July 9.
Guard, Bumper. J. E. Smith. 2,190,891; Feb. 20.
Guard, Bumper extension fender. H. L. Lester. 2,196,561; Apr. 9.
Guard, Bumper supported. J. R. Thorp and S. Strand. 2,214,513; Sept. 10.
Guard, Burglar. H. L. Craig. 2,222,866; Nov. 26.
Guard, Combined bumper and lamp. H. E. Williams and L. A. Durant. 2,222,097; Nov. 19.
Guard, Cuticle. G. A. and A. E. Austin. 2,220,363; Nov. 5.
Guard, Drill press. H. E. Tautz. 2,202,878; June 4.
Guard, Face. E. J. Skillen. 2,191,325; Feb. 20.
Guard, Fender. J. B. Rauen. 2,207,895; July 16.
Guard, Fender. W. I. Rusche. 2,187,952; Jan. 23.
Guard, Finger. R. W. Girvin. 2,219,446; Oct. 29.
Guard for automobiles. L. M. Beckwith. 2,206,444; July 2.
Guard for car axle boxes, Dust. W. H. Simpson. 2,213,414; Sept. 3.
Guard for cooking utensils. P. L. Fletcher. 2,198,158; Apr. 23.
Guard for electric welders. W. H. Schulz. 2,194,573; Mar. 26.
Guard for fishhooks. H. J. Mitchell. 2,225,504; Dec. 17.
Guard for harvesters, Cutter. M. Ronning. 2,226,583; Dec. 31.
Guard for horizontal shafts. W. F. Zimmermann. 2,227,404; Dec. 31.
Guard for machine tools, Way. H. F. Meyer. 2,190,213; Feb. 13.
Guard for naval ships, Rat. S. Fassman. 2,210,658; Aug. 6.
Guard for open hearth, Roof. J. Kiren. 2,222,978; Nov. 26.
Guard for paper cutters. W. C. Eickman. 2,199,743; May 7.
Guard for pneumatic thread extractors. R. G. Turner. 2,204,455; June 11.
Guard for presses and the like, Safety. E. A. Deschenes. 2,196,195; Apr. 9.
Guard for pulverizers and other devices, Dust. G. H. Fraser. 2,194,746; Mar. 26.
Guard for razors and hair clippers. F. F. Starr. 2,221,119; Nov. 12.
Guard for rotary machines. A. R. Maier. 2,221,486; Nov. 12.
Guard for trouser legs, Dust. N. A. McMeekin. 2,216,852; Oct. 8.
Guard for windows, Insect. W. Martin. 2,209,738; July 30.
Guard, Fountain pen. K. W. McPherson. 2,218,543; Oct. 22.
Guard, Grille. J. L. Koubek and H. A. Taylor. 2,203,499; June 4.
Guard, Guy wire. R. H. Earle. 2,227,073; Dec. 31.
Guard, Hand. J. O. Boehme. 2,200,019; May 7.
Guard, Highway. M. J. Gill. 2,187,556; Jan. 16.
Guard, Highway. T. R. Weber. 2,217,530; Oct. 8.
Guard, Infant's hand. J. Keener. 2,188,787; Jan. 30.
Guard, Leg. R. H. Cheney. 2,185,456; Jan. 2.
Guard, Nonlocking bumper. O. H. Goetz. 2,207,918; July 16.
Guard or shield for handles or picks. H. P. Sewell. 2,222,002; Nov. 19.
Guard, Pen. K. McPherson. 2,197,002; Apr. 16.
Guardrail construction, Highway. E. V. Camp. 2,196,290; Apr. 9.
Guardrail for highways, Safety band. G. G. Greulich. 2,189,792; Feb. 13.
Guardrail, Highway. E. V. Camp. 2,213,239; Sept. 3.
Guardrail, Two-purpose highway. A. P. Hayden and G. A. Gleason. 2,201,313; May 21.
Guard, Road. C. C. Ahles. 2,204,556–9; June 18.
Guard, Safety. E. L. Root. 2,201,244; May 21.
Guard, Safety screen. C. E. Trulock. 2,197,489; Apr. 16.
Guard, Sectional trolley. J. B. Tuoro, F. L. Van Gorder, and H. K. Anderson. 2,221,158; Nov. 12.
Guard, Self-releasing automobile bumper. A. C. de Hoffmann. 2,198,657; Apr. 30.
Guard, Shaper. H. E. Tautz and P. E. Butzin. 2,210,135; Aug. 6.
Guard, Shoe polishing. F. C. Shearing. 2,186,348; Jan. 9.
Guard, Snow. B. C. Place. 2,201,320; May 21.
Guard structure and assembly, Bumper. H. S. Jandus. 2,224,434; Dec. 10.
Guard, Tire. F. A. Hart. 2,205,260; June 18.
Guard, Tire. S. Kaura. 2,214,023; Sept. 10.
Guard, Thumb. H. D. Belknap. 2,225,896; Dec. 24.
Guard, Tractor fender. J. G. Heaslet. 2,211,654; Aug. 13.
Guard, Trimmer. D. M. Beaty. 2,209,503; July 30.
Guard, Trolley wire. A. Hall and R. E. Jones. 2,226,225; Dec. 24.
Guard, Vehicle. W. C. Broadwell. 2,206,023; July 2.
Guard, Vehicle radiator grille. G. H. Cox. 2,189,169; Feb. 6.
Guard, Weed. J. Nelson. 2,206,486; July 2.
Guard, Window. K. Tschaepe. 2,209,742; July 30.
Guards, Making bumper. G. A. Lyon. 2,196,020; Apr. 2.
Guide bearing, Oil-lubricated. R. A. Baudry. 2,210,700; Aug. 6.
Guide, Composition. A. Lubin. 2,193,518; Mar. 12.
Guide construction for corrugating machines. H. W. Bruker and C. S. Thorn. 2,185,884; Jan. 2.
Guide, Fender. G. F. Bahr. 2,190,622; Feb. 13.
Guide, Filiform. F. C. Hendrickson. 2,221,138; Nov. 12.
Guide for flexible well lines. J. W. Johnson. 2,218,955; Oct. 22.
Guide for machine spindles, Right and left hand helical. E. W. Miller. 2,217,666; Oct. 15.
Guide for molten material. H. K. Richardson. 2,190,296; Feb. 13.
Guide for paper cutters. F. M. Pickett. 2,197,260; Apr. 16.
Guide for paper drilling machines, Side. J. E. Lee and F. Barney. 2,215,009; Sept. 17.
Guide for sewing machines, Edge-folding. J. F. Palme. 2,209,930; July 30.
Guide for shear tables, Automatic side. W. Rodder and E. A. Matteson. 2,196,684; Apr. 9.
Guide for spinning machines, Thread and roving. H. T. Overbey. 2,226,977; Dec. 31.
Guide for strip mills or the like. E. Brangle and V. Kolasinski. 2,185,657; Jan. 2.
Guide for verticle files. C. B. Ulrich. 2,197,354; Apr. 16.
Guide for X-ray fracture table, Nail. E. W. Cleary. 2,226,708; Dec. 31.
Guide mechanism for rolling shutters and the like. A. Egli. 2,220,756; Nov. 5.
Guide mounting. A. R. Benson. 2,197,358; Apr. 16.
Guide plug clamp, High pressure vented. J. J. Watson. 2,199,552; May 7.
Guide, Seam. F. M. Darner. 2,196,106; Apr. 2.

Guide, Stabbing. J. B. Graham and R. G. Mayer. 2,206,184; July 2.
Guide, Thread. K. A. Wolfe. 2,202,937; June 4.
Guide tip for fishing rods, etc., Rotatable line. C. Sanford, Jr. 2,197,245; Apr. 16.
Guide, Writing. C. M. Taylor. 2,195,137; Mar. 26.
Guiding attachment for automobiles. W. Storrie. 2,218,486; Oct. 15.
Guiding gib for lower edge of elevator doors. H. V. McCormick. 2,217,489; Oct. 8.
Gum and compounding same, Synthetic. G. A. Hatherell. 2,190,021; Feb. 13.
Gum and treating same. R. P. Dyckman. 2,198,865; Apr. 30.
Gum base and production, Chewing. G. A. Hatherell. 2,197,240; Apr. 16.
Gum, Chewing. H. W. Conner. 2,197,718–9; Apr. 16.
Gum, Chocolate-flavored chewing. L. W. Mahle. 2,224,637; Dec. 10.
Gum dispenser, Pocket. L. Illmer. 2,200,553; May 14.
Gum inhibitor. P. M. Ruedrich and L. H. Sharp. 2,207,163; July 9.
Gum inhibitors and stabilized hydrocarbon compositions containing them. T. R. Liston. 2,207,063; July 9.
Gum massaging device. F. L. Flanders and J. J. McGerry. 2,193,249; Mar. 12.
Gum massaging device. J. Salit. 2,227,276; Dec. 31.
Gum massaging implement. D. M. Ackerman. 2,196,284; Apr. 9.
Gum material, Chewing. J. O. Barker. 2,190,180; Feb. 13.
Gum package, Chewing. T. Huston. 2,192,472–3; Mar. 5.
Gumming machine. K. Kaufmann. 2,218,112; Oct. 15.
Gun, Automatic. T. A. Conlon. 2,213,953; Sept. 10.
Gun, Automatic. H. Henning. 2,202,201; May 28.
Gun, Directional firing casing and formation. C. A. Ricou. 2,226,073; Dec. 24.
Gun, Double barrel spring air. C. F. Lefever. 2,196,732; Apr. 9.
Gun fire, Controlling. F. R. Chamberlain, Jr. 2,186,007; Jan. 9.
Gun, Flow controlled. S. Bramsen and F. W. Wahlin. 2,195,811; Apr. 2.
Gun for oil wells, Perforating. F. C. Kniss. 2,203,265; June 4.
Gun for spraying metal. C. Holmes. 2,190,153; Feb. 13.
Gun, Grease. N. V. Smith. 2,220,297; Nov. 5.
Gun lid release mechanism, Puffing. T. R. James. 2,210,294; Aug. 6.
Gun limber. H. Herlach. 2,218,881; Oct. 22.
Gun, Machine. J. L. Lochhead. 2,205,426; June 25.
Gun, Machine. C. J. Michal, Jr. 2,223,380; Dec. 3.
Gun, Machine. W. Rossmanith. 2,220,663; Nov. 5.
Gun, Magnetic. W. E. Ferry. 2,214,297; Sept. 10.
Gun mount. E. M. Flesh. 2,212,489; Aug. 20.
Gun mount and swingable enclosure therefor, Aircraft. J. C. Sanders. 2,199,971; May 7.
Gun mount for vehicles or aircraft. E. Blattmann. 2,193,547; Mar. 12.
Gun mounting. C. P. Caulkins. 2,193,446; Mar. 12.
Gun mounting. C. P. Caulkins. 2,208,015; July 16.
Gun mounting in aircraft or the like. G. Steuerlein. 2,195,503; Apr. 2.
Gun, Novelty. N. M. Fraser. 2,225,629; Dec. 24.
Gun, Paint spray. A. Shelburne. 2,227,161; Dec. 31.
Gun perforator. I. J. McCullough. 2,218,802; Oct. 22.
Gun perforator. G. F. Turechek. 2,210,192; Aug. 6.
Gun perforator for oil wells. L. Spencer. 2,216,359; Oct. 1.
Gun perforator for well casings. G. F. Turechek. 2,216,145; Oct. 1.
Gun, Pivot. E. Nuding. 2,190,332; Feb. 13.
Gun, Rapid fire artillery. W. Vinnick.
Gun sight. B. F. Dalle Molle. 2,213,678; Sept. 3.
Gun sight. C. B. Ferrel. 2,208,452; July 16.
Gun sight. J. C. Garand. 2,208,576; July 23.
Gun sight. E. E. Gregory. 2,207,857; July 16.
Gun sight, Adjustable. J. W. Fisk. 2,192,544; Mar. 5.
Gun sight, Adjustable. C. F. Lefever. 2,215,513; Sept. 14.
Gun silencer and scavenger. J. L. Brown. 2,208,093; July 16.
Gun, Sparking paper rupture. A. N. Smith. 2,226,144; Dec. 24.
Gun, Spray. A. F. Jenkins. 2,204,599; June 18.
Gun, Spray. A. I. Logette and E. H. Dainton. 2,208,464; July 16.
Gunstock, Adjustable. S. A. Smith. 2,187,548; Jan. 16.
Gunstocks, Manufacturing. R. Sprenger. 2,205,891; June 25.
Gun structure, Machine. S. G. Green. 2,186,969; Jan. 16.
Gun, Swatter. J. E. Kahler. 2,213,496; Sept. 3.
Gun turret, Flexible. C. G. Trimbach and C. R. Lemonier. 2,206,065; July 2.
Gun, Welding. B. E. Winkler. 2,211,551; Aug. 13.
Gun which fires during forward movement of the gun. W. Ernesti and H. Herlach. 2,218,877; Oct. 22.
Gutter and guard therefor, Roofing. L. E. Sullivan and H. W. Diehl. 2,209,741; July 30.
Gutter arrangement, Refrigerator car. V. E. West. 2,187,290; Jan. 16.
Gutter support and making same. M. Rachlin. 2,219,874; Oct. 29.
Guy wire fastener. R. Schaedler. 2,223,389; Dec. 3.
Gynecologic instrument. D. E. Singer. 2,201,274; May 21.
Gypsum composition. T. P. Camp. 2,207,339; July 9.
Gyrating rotary bit. J. A. Zublin. 2,227,209; Dec. 31.
Gyratory eccentric bearing. J. R. Augustine and W. W. Gorman. 2,192,483; Mar. 5.
Gyratory motion, Producing. S. D. Robins. 2,200,724; May 14.
Gyratory washer. G. Linke. 2,222,777; Nov. 26.
Gyro, and more particularly directional gyro for navigation or vehicle control purpose. H. Roland, B. Schnapperelle, and F. Lauck. 2,219,964; Oct. 29.
Gyroscope. E. Fischel. 2,219,985; Oct. 29.
Gyroscope. H. Langgässer. 2,202,955; June 4.
Gyroscope. F. Lauck. 2,209,735; July 30.
Gyroscope. F. Lauck. 2,217,255; Oct. 8.
Gyroscope. K. Marggraf. 2,219,998; Oct. 29.
Gyroscope. H. Roland. 2,207,875; July 16.
Gyroscope, Control of a. R. von Freydorf. 2,222,754; Nov. 26.
Gyroscope, High speed alternating current driven. O. E. Esval. 2,193,531; Mar. 12.
Gyroscopes, Pneumatic erection device for. L. F. Carter. 2,219,295; Oct. 29.
Gyroscopes, Resetting means for air borne. M. F. Bates. 2,200,976; May 14.
Gyroscopic apparatus. G. Z. von Manteuffel. 2,227,371; Dec. 31.
Gyroscopic apparatus for determining the inclination of an airplane. P. E. Koster. 2,188,606; Jan. 30.
Gyroscopic device. H. Brandt. 2,207,850; July 16.
Gyroscopic device. P. Obermeier. 2,225,568; Dec. 17.
Gyroscopic horizon allowing the reading of great longitudinal inclinations. C. H. H. Rodanet. 2,207,414; July 9.
Gyroscopic instrument. P. Kollsman. 2,219,243; Oct. 22.
Gyroscopic instrument. G. H. Reid. 2,214,538; Sept. 10.
Gyroscopic instrument. J. Seligmann. 2,199,294; Apr. 30.
Gyroscopic navigational instrument. D. G. K. Moss. 2,220,457; Nov. 5.
Gyro-stabilized reference point for cameras. F. W. Lutz and J. D. Peace, Jr. 2,210,090; Aug. 6.
Gyrovertical, Air erected. L. F. Carter. 2,207,717; July 16.
H-Beam composite pile. E. D. Watt. 2,200,524; May 14.
HG arc rectifier, Single anode. J. Slepian. 2,221,615; Nov. 12.
Hacksaw. S. W. Albright. 2,204,390; June 11.
Hacksaw. C. Kaspar. 2,226,614; Dec. 31.
Hacksaw blade mounting. C. Hubeck. 2,213,841; Sept. 3.
Hack saw frame. F. A. Cassidy. 2,221,231; Nov. 12.
Hacksaw frame. E. M. Wright and R. E. Collins. 2,197,285; Apr. 16.
Hackamore bit. F. A. Ray. 2,225,232; Dec. 17.
Hair, Apparatus for permanently waving. R. M. Keele. 2,187,473; Jan. 16.
Hair by means of chemical substance, Process and device for influencing the roots or the. B. J. van Tyen. 2,194,173; Mar. 19.
Hair clamp. R. L. Evans. 2,200,266; May 14.
Hair clipping and shaving device. R. E. Jones. 2,203,020; June 4.
Hair combing, clipping, and shaving head. M. Andis. 2,195,609; Apr. 2.
Hair curler. F. E. Doerr. 2,190,057; Feb. 13.
Hair curler. J. L. Stevens. 2,211,991; Aug. 20.
Hair curler, Ringlet. Z. Lemley. 2,212,569; Aug. 27.
Hair curling device. J. D. Dean. 2,215,262; Sept. 17.
Hair curling device. S. Fisher. 2,196,524; Apr. 9.
Hair curling device. S. Fisher. 2,201,613; May 21.
Hair curling device. E. Maczkowiak. 2,193,766; Mar. 12.
Hair curling device. B. F. Meek. 2,192,795; Mar. 5.
Hair curling device. M. Wideman. 2,224,328; Dec. 10.
Hair curling implement. A. H. Madore. 2,225,123; Dec. 17.
Hair curling process. R. Kriss. 2,204,936; June 18.
Hair cutter. F. L. Davies. 2,186,627; Jan. 9.
Hair cutting implement. B. R. Nyhagen. 2,221,314; Nov. 12.
Hair cutting instrument. A. A. Martin. 2,217,760; Oct. 15.
Hair cutting instrument. A. A. Martin. 2,222,317; Nov. 19.
Hair cutting machine. E. G. Berg. 2,225,581; Dec. 17.
Hair device. W. Huppert. 2,204,361; June 11.
Hair, Device for and method of curling. S. Fisher. 2,196,525; Apr. 9.
Hair dressing implement. Z. B. Cheney. 2,221,757; Nov. 19.
Hair drier. C. G. Gross. 2,201,229; May 21.
Hair drier. S. Kallmann. 2,197,752; Apr. 16.
Hair drier. R. V. Tays. 2,221,822; Nov. 19.
Hair drying apparatus. C. Kleine. 2,227,262; Dec. 31.
Hair drying appliance. J. Matys. 2,224,876; Dec. 17.
Hair, Dyeing. J. W. Orelup. 2,208,594; July 23.
Hair dyer and bleacher. A. Ostroff. 2,226,478; Dec. 24.
Hair grip pin. J. M. Yourek. 2,202,305; May 28.
Hair holder. M. H. Dolgoff. 2,210,802; Aug. 6.
Hair. Method and apparatus for drying. E. L. Rockwood. 2,188,924; Feb. 6.

Hair, Method and apparatus for the permanent waving of. J. Torres. 2,191,293; Feb. 20.
Hairpin. S. J. Franco and H. Bergren. 2,194,826; Mar. 26.
Hairpin holding and dispensing device. J. R. Early. 2,216,723; Oct. 8.
Hairpins and the like, Supporting and delivering. O. Klotz. 2,217,058; Oct. 8.
Hair receiver. C. E. Burns. 2,220,597; Nov. 5.
Hair scavenging device. M. E. Pollock. 2,216,355; Oct. 1.
Hairspring for time instruments. J. R. Putnam. 2,209,172; July 23.
Hair treating apparatus. E. C. Chancey. 2,217,729; Oct. 15.
Hair treating device. R. G. Leland. 2,214,589; Sept. 10.
Hair washer and rinser. M. P. Bond. 2,185,495; Jan. 2.
Hair wave apparatus. A. Werner and S. Carlsson. 2,185,906; Jan. 2.
Hair waver. L. V. Bregou and P. E. Berling. 2,201,223; May 21.
Hair, Waving. H. M. McCalla. 2,218,205; Oct. 15.
Hair, Waving. A. F. Willat. 2,195,803; Apr. 2.
Hair waving, Apparatus for. R. M. Keele. 2,187,474; Jan. 16.
Hair waving appliance. H. H. Ashman and H. G. Barrett. 2,216,798; Oct. 8.
Hair waving appliance. F. W. Koehler. 2,188,360; Jan. 30.
Hair waving, Device for permanent. V. Gee. 2,202,146; May 28.
Hair waving machine. F. Racen. 2,197,876; Apr. 23.
Hair-waving pad. R. D. Ham. 2,220,329; Nov. 5.
Hair waving solution. G. D. Davis. 2,207,241; July 9.
Hair waving system. A. Caldora. 2,210,897; Aug. 13.
Halftone screen. A. Murray. 2,211,345; Aug. 13.
Halide compositions, Polyvinyl. C. H. Alexander. 2,193,613; Mar. 12.
Halide product, Polyvinyl. H. L. Trumbull. 2,186,183; Jan. 9.
Halides by reaction of olefins with hydrogen halides, Producing alkyl. O. C. Slotterbeck. 2,225,933; Dec. 24.
Halides, Process and product relating to treatment of unsaturated. H. P. A. Groll and C. J. Ott. 2,197,362; Apr. 16.
Halides, Production of allyl type. H. P. A. Groll. 2,207,193; July 9.
Halides, Quaternary methallyl ammonium. H. A. Bruson. 2,191,922; Feb. 27.
Halobenzenes, Polyisopropyl. R. R. Dreisbach and G. B. Heusted. 2,186,960; Jan. 16.
Halogen-containing compounds, Production of unsaturated. W. Engs, H. P. A. Groll, and A. W. Fairbairn. 2,189,890; Feb. 13.
Halogen derivatives of acetopropanol, Preparation of. T. D. Perrine. 2,216,574; Oct. 1.
Halogen derivatives of phytol and nucleus alkylated hydroquinones, Manufacture of condensation products from. P. Karrer. 2,208,585; July 23.
Halogen in cyclic halogen compounds and product thereof, Replacing. W. Braun and K. Koeberle. 2,195,076; Mar. 26.
Halogen-2-hydroxy-4-butenes-2 and their derivatives and producing same. A. M. Collins. 2,192,299; Mar. 5.
Halogenated derivatives of aceto propane. E. R. Buchman. 2,218,350; Oct. 15.
Halogenated derivatives of aceto propyl alcohol. E. R. Buchman. 2,218,349; Oct. 15.
Halohydrin solutions, Concentration of aqueous alkene. W. C. B. Smithuysen. 2,188,254; Jan. 23.
Halo-phenols, Tertiary alkyl. L. E. Mills. 2,221,807; Nov. 19.
(Halo-phenoxy)-halo-dialkyl ethers. G. H. Coleman and C. L. Moyle. 2,205,393; June 25.
Halo-phenylbenzoates and producing the same. R. H. Kimball and A. Loverde. 2,211,467; Aug. 13.
Ham, Production of canned. S. L. Komarik. 2,224,399; Dec. 10.
Hamburger forming machine. J. Kolas. 2,207,545; July 9.
Hamburger patty-forming device. G. J. Federighi and R. D. Coffman. 2,219,889; Oct. 29.
Hamburger shaping device. C. D. Newland. 2,188,842; Jan. 30.
Hammer. B. E. Edwards. 2,198,764; Apr. 30.
Hammer. L. J. Rapien. 2,193,143; Mar. 12.
Hammer attachment, Electric. C. B. Coates. 2,191,608; Feb. 27.
Hammer, Double-acting drop. R. P. Fitzgerald. 2,220,037; Oct. 29.
Hammer, Double lift drop. W. H. J. and R. P. Fitzgerald. 2,220,036; Oct. 29.
Hammer, Electric. S. Berman. 2,225,967; Dec. 24.
Hammer, Electric. P. A. Macchioni. 2,223,895; Dec. 3.
Hammer, Electrically operated. J. F. Britten, E. S. King, and P. L. Baumgard. 2,189,700; Feb. 6.
Hammer, Fluid actuated. E. G. Eppens. 2,193,166; Mar. 12.
Hammer for crushing machinery. J. E. Stine. 2,186,047; Jan. 9.
Hammer for feed grinding machines. H. J. Mankoff. 2,221,002; Nov. 12.
Hammer for mills. A. Bukacek. 2,208,892; July 23.
Hammer leverage. G. Giroux. 2,223,801; Dec. 3.
Hammer, Mechanical. H. B. Groom. 2,226,559; Dec. 31.
Hammer mill. O. W. Randolph. 2,226,741; Dec. 31.
Hammer operated by means of compressed air, Automatic nail driving. L. Oeckl. 2,187,692; Jan. 16.
Hammer, Pneumatic. F. M. Duncan. 2,219,739; Oct. 29.
Hammer, Pneumatic fender. R. J. Champayne.
Hammer, Power. N. Anderson. 2,210,020; Aug. 6.
Hammer, Power. A. W. Mall. 2,185,471; Jan. 2. 2,187,110; Jan. 16.
Hammer, Rotary pivoted. T. H. Poese. 2,200,374; May 14.
Hammer screen. V. F. Larson. 2,187,273; Jan. 16.
Hammer unit for grinders, crushers, pulverizers, or similar mills. W. J. Clement. 2,207,455; July 9.
Hammer unit for grinding mills. W. J. Clement. 2,196,722; Apr. 9.
Hammock. H. Mover. 2,224,999; Dec. 17.
Hammock, Safety baby. J. F. Hilger. 2,220,330; Nov. 5.
Hamper, Clothes. J. Rubin. 2,187,403; Jan. 16.
Hand abrading tool. T. Nordlund. 2,220,727; Nov. 5.
Hand, Artificial. R. L. David. 2,225,468; Dec. 17.
Handbag. L. Freidman. 2,202,651; May 28.
Handbag. S. B. Megdall. 2,197,618; Apr. 16.
Handbag and making the same, Lady's. J. Kaplan. 2,192,010; Feb. 27.
Handbag and the like, Lady's. H. P. Bender. 2,201,757; May 21.
Handbag frame. J. Green. 2,227,390; Dec. 31.
Handbag frame and bag. L. Freidman. 2,213,835; Sept. 3.
Handbag, Lady's. A. Wallman. 2,215,730; Sept. 24.
Handbag plait. M. Samuelson. 2,202,673; May 28.
Handbag, pocketbook, purse, and the like. B. Stember. 2,213,618; Sept. 3.
Hand brake. R. W. Burnett. 2,225,427; Dec. 17.
Handcuff and chassis combination for police cars. H. J. Hennessy. 2,226,862; Dec. 31.
Hand dipping rack. L. E. Isele. 2,196,663; Apr. 9.
Hand grip. J. D. Crary. 2,215,116; Sept. 17.
Hand implement. S. P. Neuhausen. 2,194,716 March 26.
Hand loom. M. O. Gallinger. 2,193,558; Mar. 12.
Hand loom. G. Kimson. 2,198,624; Apr. 30.
Hand loom. J. M. Ryan. 2,218,994; Oct. 22.
Handrail protective device, Moving stairway. L. Wieder. 2,187,189; Jan. 16.
Handsaw. A. C. Ferguson. 2,213,135; Aug. 27.
Hand shocking implement. H. A. Pitzen. 2,196,122; Apr. 2.
Hand signal. T. F. Feltner. 2,196,550; Apr. 9.
Hand tool. M. M. Davenport. 2,195,720; Apr. 2.
Handkerchief display package. H. I. Cloudsley. 2,206,543; July 2.
Handkerchiefs, Placement of breast pocket. A. C. Grunwald. 2,200,601; May 14.
Handle: *See*—

Automobile door handle.	Motor head handle.
Cautery handle.	Operating handle.
Container or package handle.	Pouring handle.
Detachable box handle.	Racket handle.
Detachable handle.	Reel handle.
Door handle.	Switch handle.
Door latch handle.	Tool handle.
Implement handle.	Tool-receiving handle.
Lubricating saw handle.	Toothbrush handle.
	Valve handle.

Handle. A. E. Alverson. 2,224,283; Dec. 10.
Handle. R. Larson. 2,199,374; Apr. 30.
Handle. T. R. McKinney. 2,200,698; May 14.
Handle. E. Worthington. 2,221,829; Nov. 19.
Handle and base construction for an electrical appliance. J. J. Gough. 2,204,212; June 11.
Handle and latch mechanism, Streamline. B. J. Councilman. 2,205,618; June 25.
Handle and lock, Door. E. F. King. 2,222,105; Nov. 19.
Handle and locking device for doors, Combination. H. G. Stoner. 2,205,547; June 25.
Handle and loop. W. Finkelstein. 2,195,028; Mar. 26.
Handle assembly. Door. A. Wartian. 2,201,963; May 21.
Handle bar and the like, Forming. C. J. Barry. 2,216,833; Oct. 8.
Handle bar stem for bicycles and the like. A. Karsikas. 2,224,515; Dec. 10.
Handle construction. F. Rodwick. 2,225,250; Dec. 17.
Handle construction for utensils. D. W. Haber. 2,197,547; Apr. 16.
Handle device. H. J. Murphy. 2,208,546; July 16.
Handle for air-method cleaner, Duopneumatic. D. B. Replogle. 2,210,952; Aug. 13.
Handle for bags, Carrying. W. J. Geimer. 2,210,937; Aug. 13.
Handle for bottles and drinking glasses, Detachable. E. W. Simons and C. F. Keller. 2,208,478; July 16.
Handle for boxes or cartons. G. W. Peters. 2,194,232; Mar. 19.
Handle for confections, Safety. E. E. Cahoon. 2,211,197; Aug. 13.
Handle for containers, Carrying. D. Belcher. 2,196,184–5; Apr. 9.
Handle for containers, Removable. A. Sprung. 2,225,891; Dec. 24.
Handle for cooking utensils. J. J. Mahoney. 2,193,290; Mar. 12.
Handle for cooking utensils. D. R. Mattoon. 2,205,819; June 25.

Handle for drawers and the like. H. L. Pehrson. 2,203,030; June 4.
Handle for fish poles. G. O. Benson. 2,206,019; July 2.
Handle for inside micrometer, or the like. J. E. Hastings. 2,199,223; Apr. 30.
Handle for mattresses. B. Gladstone. 2,206,087; July 2.
Handle for mattresses. A. S. G. Rolstone. 2,194,407; Mar. 19.
Handle for micrometers, caliper gauges, and similar measuring tools, Insulating. K. R. Domellöf. 2,222,336; Nov. 19.
Handle for paper drinking cups, Collapsible, detachable. D. B. McDonald. 2,215,402; Sept. 17.
Handle for pin boards and cone boards, Stacking. F. Davis. 2,223,554; Dec. 3.
Handle for utensils, Removable. S. Hayden, and C. J. Amick. 2,220,879; Nov. 12.
Handle for vacuum cleaners and the like. H. T. Lang. 2,211,603; Aug. 13.
Handle joint and the like, Tool. G. R. Gagne. 2,196,297; Apr. 9.
Handle mechanism. B. F. Johnson. 2,218,752; Oct. 22.
Handle of compressed gas tanks, Valve. J. G. Sholes. 2,200,999; May 14.
Handle or the like, Dust mop. K. E. Lauterbach. 2,191,348; Feb. 20.
Handle, reel holder, and drag for fishing poles, Combined. D. C. Brett. 2,208,493; July 16.
Handle replacement for valve stems. W. Ashendorf. 2,191,304; Feb. 20.
Handle structure. C. C. Abbott. 2,224,585; Dec. 10.
Handle structure. H. L. Olsen. 2,222,358; Nov. 19.
Handle structure for sadirons and the like. R. I. Huffman. 2,190,361; Feb. 13.
Handle structure for sadirons, Split. R. I. Huffman. 2,201,491; May 21.
Handle supporting mechanism. M. Lazow. 2,187,610; Jan. 16.
Handles of steel tube in forks, spades, or other implements, Arrangement for fixing. F. Stahl. 2,191,998; Feb. 27.
Handling device. A. E. Nenstiel. 2,185,561; Jan. 2.
Handling device. H. A. Solomon. 2,212,755; Aug. 27.
Handling device for invalid cots. F. A. Buntin. 2,203,045; June 4.
Handling tool. J. A. Hansen. 2,189,713; Feb. 6.
Hanger: *See*—
Adjustable hanger.
Beam hanger.
Book hanger.
Bottle hanger.
Braden head aand pipe hanger.
Cable hanger.
Casing hanger.
Ceiling hanger.
Clothes hanger.
Clothesline hanger.
Coat and skirt hanger.
Coat and trousers hanger.
Electric fan hanger.
Film hanger.
Flexible hanger.
Flexibly mounted hanger.
Form hanger.
Garment hanger.
Gripper trousers and skirt hanger.
Hat hanger.
Liner hanger.
Multiple garment hanger.
Picture hanger.
Sash hanger.
Screen and storm sash hanger.
Self-locking hanger.
Shade and curtain hanger.
Skirt and breeches hanger.
Storm and screen window hanger.
Storm sash hanger.
Trousers hanger.
Wire hanger.
Hanger. W. R. Badhorn. 2,208,152; July 16.
Hanger. B. A. Cook. 2,200,669. May 14.
Hanger. R. C. Floch. 2,193,718; Mar. 12.
Hanger. J. Goldman. 2,198,768; Apr. 30.
Hanger. C. W. Huff. 2,212,524; Aug. 27.
Hanger. S. M. Kass. 2,226,168; Dec. 24.
Hanger and constructing the same, Garment. H. Derman. 2,195,920; Apr. 2.
Hanger and fuel charging means for rotary furnaces, Door. M. L. Kaufmann. 2,197,216; Apr. 16.
Hanger and rest, Paintbrush. J. A. Hoff. 2,226,059; Dec. 24.
Hanger and shield, Garment. H. C. Ruen. 2,221,848; Nov. 19.
Hanger and support, Garment. W. J. Bandlow. 2,215,345; Sept. 17.
Hanger apparatus. B. Hillberg. 2,218,819–20; Oct. 22.
Hanger, Attaching a. R. F. McMahan. 2,201,193; May 21.
Hanger attachment, Garment. K. Aljian. 2,187,535; Jan. 16.
Hanger attachment, Garment. C. Jentz. 2,218,150; Oct. 15.
Hanger bracket, Brake. D. M. Light. 2,202,782; May 28.
Hanger construction. A. L. Stirn. 2,226,786; Dec. 31.
Hanger for electric hair clippers, Adjustable. W. W. Solt. 2,213,747; Sept. 3.
Hanger for punching bags. W. E. Racicot. 2,199,858; May 7.
Hanger for racket, tools, and the like. O. C. Ryland and E. G. Ankeney. 2,212,049; Aug. 20.
Hanger for radiators, Wall. J. W. Moore. 2,187,984; Jan. 23.
Hanger for radiators, Wall. D. F. Owens. 2,195,540; Apr. 2.
Hanger for signs or other objects. F. C. Beseler. 2,186,280; Jan. 9.
Hanger for sliding doors. R. L. Long. 2,207,322; July 9.
Hanger for trousers. H. Stec. 2,203,034; June 4.
Hanger hook. J. F. Leonardson. 2,210,490; Aug. 6.
Hard alloy. C. W. Balke, F. L. Hunter, Jr., and R. A. Haskell. 2,191,446; Feb. 27.
Hard compositions, Making. W. A. Wissler. 2,189,387; Feb. 6.
Hard substances in vacuum, Sintering. B. Berghaus and W. Burkhardt. 2,227,176; Dec. 31.
Hardener for formaldehyde-urea adhesives. A. M. Howald. 2,193,630; Mar. 12.
Hardness test machine. C. E. Smith. 2,198,259; Apr. 23.
Hardness tester. O. Wolpert and R. Ludwig. 2,188,992; Feb. 6.
Hardness testing instrument. H. Hanemann. 2,216,943; Oct. 8.
Hardness testing machine. R. Campbell and F. H. Nass. 2,203,129; June 4.
Hardness testing machine. C. E. Smith. 2,224,936; Dec. 17.
Hardness testing machine. R. L. H. Smith. 2,217,388; Oct. 8.
Hardware, Article of. H. H. Raymond. 2,190,192; Feb. 13.
Hardware, Fence. G. A. Gustafson. 2,221,477; Nov. 12.
Hardware, Folding table. R. F. McMahan. 2,217,914; Oct. 15.
Hardware, Folding table. R. E. Tafel. 2,223,193; Nov. 26.
Hardware for cedar chests and the like. E. C. Crocker. 2,188,707; Jan. 30.
Harmonic analyzer. A. B. Sperry. 2,212,799; Aug. 27.
Harmonica. P. K. Moore. 2,192,983; Mar. 12.
Harmonica, Chromatic. A. E. Friend. 2,190,633; Feb. 13.
Harness, Animal. J. L. Everson. 2,187,021; Jan. 16.
Harness cord end member for looms. S. O. Dodge. 2,206,559; July 2.
Harness, Decorating. E. Cimador. 2,223,951; Dec. 3.
Harness for bedclothes. M. E. Mulloy. 2,188,576; Jan. 30.
Harness for children, Safety. F. N. Nunn. 2,212,746; Aug. 27.
Harness frame. P. L. Spencer. 2,209,857; July 30.
Harness, Measuring. M. L. Thompson. 2,199,530; May 7.
Harness mechanism, Adjustable. C. D. Brown. 2,187,814; Jan. 23.
Harrow. R. J. Altgelt and C. H. Gemberling. 2,185,880; Jan. 2.
Harrow. J. C. Prickett. 2,197,316; Apr. 16.
Harrow. L. and C. Silva. 2,197,323; Apr. 16.
Harrow. J. H. Taylor. 2,210,223; Aug. 6.
Harrow attachment for drills. J. A. Charles. 2,187,898; Jan. 23.
Harrow construction, Disk. H. B. Rapp. 2,191,098; Feb. 20.
Harrow, Cultivating. A. H. Watkins. 2,190,618; Feb. 13.
Harrow, Disk. S. J. Miller. 2,191,537; Feb. 27.
Harrow, Disk. J. P. Seaholm. 2,226,586–7; Dec. 31.
Harrow, Disk. G. B. and T. B. Winsor. 2,192,877; Mar. 12.
Harrow, Disk. W. L. Zink and V. O. Hauswirth. 2,192,252; Mar. 5.
Harrow, Intergeared offset disk. J. V. Dyrr. Re. 21,643; Dec. 3.
Harrow, Offset disk. R. H. Mitchell. 2,201,240; May 21.
Harrow, Offset disk. O. W. Sjogren and G. E. Gerold. 2,221,461; Nov. 12.
Harrow, Offset disk. C. H. White. 2,196,485; Apr. 9.
Harrow snubber. F. C. Warne. 2,196,713; Apr. 9.
Harrow tooth and supporting bar therefor. P. L. Donovan. 2,208,835; July 23.
Harvester. E. W. Berg and E. M. Asbridge. 2,209,047; July 23.
Harvester. H. D. Hume and J. E. Love. Re. 21,604; Oct. 22.
Harvester. A. Kowalsky. 2,204,682; June 18.
Harvester accessory. A. Crha. 2,208,071; July 16.
Harvester, Asparagus. G. L. Lacson. 2,224,790; Dec. 10.
Harvester attachment. A. and H. Sievers. 2,210,219; Aug. 6.
Harvester attachment, Soy bean. J. H. Wilcox. 2,187,438; Jan. 16.
Harvester, Beet. G. Pierson. 2,197,225; Apr. 16.
Harvester, Beet. J. Zuckerman. 2,214,949; Sept. 17.
Harvester, Combine. R. G. Fleming. 2,199,488; May 7.
Harvester, Corn. J. W. Rund, Jr. 2,210,341; Aug. 6.
Harvester, Cotton stalk. G. H. Padrick. 2,217,809; Oct. 15.
Harvester, Ensilage. L. A. Paradise and W. J. Coultas. 2,196,025; Apr. 2.
Harvester, Peanut. T. C. Lloyd-Jones and S. E. Kinnear. 2,187,206; Jan. 16.
Harvester, Potato. P. A. Nilsson. 2,214,174; Sept. 10.
Harvester reel. H. D. Hume and J. E. Love. 2,212,878; Aug. 27.
Harvester, Seed. H. Armstrong. 2,204,115; June 11.
Harvester thresher. A. C. Lindgren and C. R. Raney. 2,224,970; Dec. 17.
Harvester thresher. J. S. Troyer. Re. 21,421; Apr. 9.
Harvester-thresher, Combination. S. C. Heth and W. B. Tallman. 2,199,629; May 7.
Harvester, Tractor driven bean. G. H. Self. 2,188,614; Jan. 30.

Harvester, Tractor mounted. E. A. Johnston. 2,214,818; Sept. 17.
Harvesting and loading machine, Combined. F. Ferrin. 2,199,257; Apr. 30.
Harvesting and sheaving or like machine. K.-H. Schulze. 2,219,662; Oct. 29.
Harvesting device. H. Demory. 2,188,768; Jan. 30.
Harvesting implement, Row crop. M. H. Tuft and C. T. Rasmussen. 2,196,446; Apr. 9.
Harvesting machine. H. D. Hume and J. E. Love. 2,215,178; Sept. 17.
Harvesting machine, Beet. G. Michael. 2,185,350; Jan. 2.
Hassock. H. H. Isaacson. 2,214,586; Sept. 10.
Hat. S. Adamson. 2,213,661; Sept. 3.
Hat. K. Blechman. 2,189,559; Feb. 6.
Hat. E. W. Dahlberg. 2,192,341; Mar. 5.
Hat. B. L. Dorsey. 2,214,995; Sept. 17.
Hat. M. J. Marks. 2,185,306; Jan. 2.
Hat. L. O. Wisman. 2,185,717; Jan. 2.
Hatband, Hook holding. C. F. Walthour, Jr. 2,222,096; Nov. 19.
Hat blocking machine. L. G. Blount. 2,186,663; Jan. 9.
Hat box. M. F. Payne. 2,225,483; Dec. 17.
Hat box, Military. J. B. Shinberger. 2,199,716; May 7.
Hat-brim cushion, Protective. L. Jacobs. 2,214,637; Sept. 10.
Hat construction. F. H. Lee, Jr. 2,226,133; Dec. 24.
Hat, Convertible woman's. S. E. Stone. 2,221,155; Nov. 12.
Hat-crown retainer. J. Sepe. 2,200,102; May 7.
Hat, Fisherman's. L. T. Odom. 2,209,609; July 30.
Hat flanging and hydraulic machine. M. Schildhaus. 2,213,094; Aug. 27.
Hat hanger. S. J. Plummer. 2,189,677; Feb. 6.
Hat holder. H. Epstein. 2,191,934; Feb. 27.
Hat holder. J. E. Van Pelt. 2,189,538; Feb. 6.
Hat, Illuminated. L. W. Parrillo. 2,203,028; June 4.
Hat lining attaching machine. L. Meylach and L. M. Page. 2,186,261; Jan. 9.
Hat making apparatus. J. E. Kane. 2,207,407; July 9.
Hat manufacture. E. R. Anderson. 2,196,887; Apr. 9.
Hat or cap holder. S. E. Shullaw. 2,196,945; Apr. 9.
Hatpin, Invisible. B. T. Symons. 2,190,893; Feb. 20.
Hat processing machine. E. Spickelmier, C. W. Bruenger, and F. L. Hitchcock. 2,226,360; Dec. 24.
Hat protector. M. H. Friedler. 2,205,062; June 18.
Hat storage and transportation bag. G. I. Dickson. 2,215,689; Sept. 24.
Hat, Sun. F. Vollmer. 2,200,783; May 14.
Hat support. M. E. Baxter. 2,195,162; Mar. 26.
Hats, Method and apparatus for finishing. H. H. Watson, Jr. 2,209,011; July 23.
Hatch closure. E. R. Swanson. 2,204,328; June 11.
Hatch cover. T. H. MacGeorge. 2,201,781; May 21.
Hatch cover. E. Willison. 2,226,839; Dec. 31.
Hatch cover fastener. W. M. Dwyer. 2,205,556; June 25.
Hatch cover for ships, Insulated. C. W. King. 2,192,135; Feb. 27.
Hatch for refrigerator cars, Ice. G. A. Steuber. 2,204,164; June 11.
Hatch frame. L. C. Wilkoff. 2,190,690; Feb. 20.
Hatch plug. C. D. Bonsall. 2,224,117–8; Dec. 3.
Hatchway cover. A. J. Dawson and E. Willison. 2,194,012; Mar. 19.
Hauling unit. M. S. Ross. 2,219,533; Oct. 29.
Hay bucker and stacker. P. C. Miller. 2,214,427; Sept. 10.
Hay gatherer and stacker, Power driven. O. Ufen. 2,210,156; Aug. 6.
Hay sweep attachment to motor vehicles and the like. L. Butler. 2,214,073; Sept. 10.
Head and chin support. O. E. Davis. 2,210,113; Aug. 6.
Head and grinding machine. Combination tool. W. N. Chittenden. 2,212,855; Aug. 27.
Headband, Adjustable. F. M. Bowers. 2,205,741–2; June 25.
Headband, Adjustable. F. M. Bowers. 2,213,118; Aug. 27.
Headband, Hair protecting. A. D. Varell. 2,211,184; Aug. 13.
Head bar organization for Venetian blinds. H. K. Lorentzen. 2,222,674; Nov. 26.
Headboard for asparagus pack. L. Sartini. 2,194,770; Mar. 26.
Head clamp and light reflector. B. Cooke. 2,217,359; Oct. 8.
Headdress. J. M. Dohen. 2,199,427; May 7.
Head, Extruding. G. E. Duffy. 2,205,518; June 25.
Head for barrels. G. Müller. 2,208,773; July 23.
Head for cam grinding pistons, Eccentric. E. Edwin and M. Peterson. 2,221,080; Nov. 12.
Head for clamshell buckets. E. L. Harrington. 2,189,065; Feb. 6.
Head, Homogenizing. J. D. Dodge. 2,202,649; May 28.
Head lamp. C. W. Anklam. 2,218,326; Oct. 15.
Head lamp. C. Breer and P. J. Kent. 2,218,807; Oct. 22.
Head lamp. R. W. Carlisle. 2,189,164; Feb. 6.
Headlight. W. L. Bristow. 2,216,156; Oct. 1.
Headlight. H. L. Cooke. 2,220,145; Nov. 5.
Headlight. G. W. Kowalsky. 2,212,693; Aug. 27.
Headlight. C. A. Lanoue. 2,185,203; Jan. 2.
Headlight, Antiglare. N. W. Doane. 2,210,801; Aug. 6.
Headlight, Automobile. P. A. Herman. 2,185,438; Jan. 2.
Headlight beam indicator. F. A. Dotterer. 2,221,078; Nov. 12.
Headlight control, Automobile. H. A. Berg, Jr. 2,219,976; Oct. 29.
Headlight control system, Motor vehicle. R. M. Franklin. 2,187,648; Jan. 16.
Headlight for automobiles. F. H. Corlburg. 2,209,052; July 23.
Headlight for vehicles. A. Bergström. 2,186,951; Jan. 16.
Headlight, Motor vehicle. C. A. Young. 2,215,203; Sept. 17.
Headlight, Nonglare. A. L. Chauvet. 2,212,876; Aug. 27.
Headlight signal. P. M. Knudsen. 2,220,820; Nov. 5.
Headlight testing device. C. W. MacMillan. 2,215,224; Sept. 17.
Headlighting, Automobile. A. E. Luker. 2,221,054; Nov. 12.
Head lining listing support. L. H. Heuer. 2,194,901; Mar. 26.
Head protector. H. D. Fox. 2,189,892; Feb. 13.
Head protector. E. Mauro. 2,214,748; Sept. 17.
Head puller. A. E. Herbster and C. O. Krokey. 2,220,680; Nov. 5.
Headrail assembly for Venetian blinds. E. M. Trammell. 2,203,372; June 4.
Headrest. P. E. Zuck and P. Evans. 2,219,799; Oct. 29.
Headrest, Foldable. S. Marx. 2,197,343; Apr. 16.
Headstock positioning mechanism. W. Trible. 2,191,137; Feb. 20.
Headwear. E. Wittcoff. 2,207,907; July 16.
Headwear manufacture. A. Campa. 2,207,910; July 16.
Header. R. L. Wilcox. 2,205,507; June 25.
Header. R. L. Wilcox. 2,205,585; June 25.
Header, Row crop. J. C. Morton. 2,217,916; Oct. 15.
Health and body developing machine. L. Greenberg. 2,209,160; July 23.
Hearing aid apparatus. W. D. Penn. 2,191,398; Feb. 20.
Hearing aid device. J. W. Cox. 2,207,705; July 16.
Hearing aid device. A. M. Wengel. 2,192,669; Mar. 5.
Hearing device. W. E. Christe. 2,206,807; July 2.
Hearing, Method and apparatus for testing. A. M. Wengel. 2,217,394; Oct. 8.
Heart and sap wood constituents of coniferous woods, Separating the. G. V. Palmrose. 2,225,459; Dec. 17.
Heart-beat recording scale. W. R. McDonald. 2,219,692; Oct. 29.
Hearth, Furnace. G. E. Connolly. 2,221,076; Nov. 12.
Hearth, Heat insulating. J. H. Bramble. 2,189,624; Feb. 6.
Heat balancer. D. N. Crosthwait, Jr. and E. G. Powell. 2,185,500; Jan. 2.
Heat control apparatus. O. W. Hahn. 2,210,404; Aug. 6.
Heat control device. H. W. Uhlrig. 2,195,947; Apr. 2.
Heat control for oil stoves. L. O. Morin, Jr., and R. R. Shelton. 2,201,913; May 21.
Heat control means for refrigerators, Electric. W. G. Dahl. 2,202,373; May 28.
Heat control unit, Oven. T. A. Wetzel. 2,198,896; Apr. 30.
Heat deflector, Furnace. H. J. Jackson. 2,223,108; Nov. 26.
Heat detector. R. B. Green and A. V. Pennington. 2,203,051; June 4.
Heat-diffuser and water-back device. G. Faulds. 2,200,985; May 14.
Heat distributor means, Baffle. G. Faulds. 2,197,495; Apr. 16.
Heat element and baffle, Combined. E. H. Lockwood. 2,221,595; Nov. 12.
Heat engine. J. B. Entz. 2,227,129; Dec. 31.
Heat erosion resistant alloy. G. Charlton. 2,227,065; Dec. 31.
Heat exchange apparatus. C. T. Bappler. 2,203,075; June 4.
Heat exchange apparatus. A. Hasselbach, F. Luther, and P. Hille. 2,190,234; Feb. 13.
Heat exchange apparatus. A. Howard. 2,217,410; Oct. 8.
Heat exchange apparatus. O. Jabelmann. 2,223,688; Dec. 3.
Heat exchange apparatus. J. Karmazin. Re. 21,339; Jan. 30.
Heat exchange apparatus. A. J. Larrecq. 2,185,964; Jan. 2.
Heat exchange apparatus. A. J. Larrecq. 2,205,266; June 18.
Heat exchange apparatus. O. A. Olson, Jr. 2,205,431; June 25.
Heat exchange apparatus. C. F. Rosenblad. 2,193,345; Mar. 12.
Heat exchange apparatus. W. Samans. 2,204,447; June 11.
Heat exchange apparatus. P. F. Sperry. 2,199,031; Apr. 30.
Heat exchange apparatus. J. Swinburne and G. B. Mooney. 2,219,826; Oct. 29.
Heat exchange apparatus. E. O. Voigtlaender and J. H. Hoffmann. 2,225,283; Dec. 17.
Heat exchange apparatus. E. R. Wolfert. 2,186,224; Jan. 9.
Heat exchange apparatus, Fluid. E. G. Bailey. 2,202,768; May 28.

Heat exchange apparatus, Fluid. P. R. Cassidy. 2,220,886; Nov. 12.
Heat exchange apparatus, Fluid. D. S. Jacobus. 2,209,974; Aug. 6.
Heat exchange apparatus, Fluid. H. J. Kerr. 2,221,871; Nov. 19.
Heat exchange apparatus, Fluid. C. E. Lucke. 2,217,594; Oct. 8.
Heat exchange apparatus, Fluid. D. H. N. Mayo. 2,207,497; July 9.
Heat exchange apparatus, Fluid. C. S. Smith. 2,226,445; Dec. 24.
Heat exchange apparatus, Making fluid. D. S. Jacobus. 2,209,975; Aug. 6.
Heat exchange device. F. G. Cornell, Jr. 2,200,355; May 14.
Heat exchange device. H. Feldmeier and W. Astle. 2,190,584; Feb. 13.
Heat exchange device. F. J. Luchs and A. D. Fischer. 2,206,481; July 2.
Heat exchange device. F. H. Monson. 2,200,397; May 14.
Heat exchange device. P. F. Sperry. 2,196,539; Apr. 9.
Heat exchange devices, Making. E. C. Franco-Ferreira. 2,211,813; Aug. 20.
Heat exchange devices, Making. L. W. Welch and A. F. Millington. 2,185,485; Jan. 2.
Heat exchange element and making same. A. J. Berg and J. O. Huse. 2,196,186; Apr. 9.
Heat exchange member and making. E. J. Houdry. 2,216,778; Oct. 8.
Heat exchange structure. W. W. Stuart. 2,198,136; Apr. 23.
Heat exchange system. T. B. Prickett. 2,196,229; Apr. 9.
Heat exchange unit. E. S. Cornell, Jr. 2,191,519; Feb. 27.
Heat exchange unit and making same. F. B. Herz. 2,226,243; Dec. 24.
Heat exchange unit, Multiple. F. B. Herz. 2,188,975; Feb. 6.
Heat exchanger. F. D. Berkeley and J. A. Gibb. 2,223,311; Nov. 26.
Heat exchanger. R. S. Buck. 2,225,856; Dec. 24.
Heat exchanger. P. R. Cassidy. 2,200,156; May 7.
Heat exchanger. S. J. Chute and D. W. Wilson. 2,214,548; Sept. 10.
Heat exchanger. R. R. Collins. 2,223,313; Nov. 26.
Heat exchanger. S. E. Derby. 2,223,238; Nov. 26.
Heat exchanger. D. E. Fields. 2,198,529; Apr. 23.
Heat exchanger. H. J. Findley. 2,200,620; May 14.
Heat exchanger. J. A. Gibb. 2,223,318; Nov. 26.
Heat exchanger. J. M. Gwinn, Jr. 2,214,053; Sept. 10.
Heat exchanger. F. Horney. 2,224,787; Dec. 10.
Heat exchanger. G. T. Jacocks. 2,207,036–7; July 9.
Heat exchanger. G. T. Jacocks. 2,223,319–20; Nov. 26.
Heat exchanger. R. S. Nelson and A. D. Siedle. 2,204,613; June 18.
Heat exchanger. B. G. Newhall. 2,211,514; Aug. 13.
Heat exchanger. W. G. Noack. 2,186,877; Jan. 9.
Heat exchanger. J. Price. 2,219,659; Oct. 29.
Heat exchanger. L. A. Rhodes. 2,218,097; Oct. 15.
Heat exchanger. A. H. Schutte. 2,222,575; Nov. 19.
Heat exchanger. H. Wall. 2,226,291; Dec. 24.
Heat exchanger and absorber. J. A. Coy. 2,200,788; May 14.
Heat exchanger, Making a. R. S. Nelson and A. D. Siedle. 2,204,614; June 18.
Heat exchanger, Plate stack. T. K. E. Kallstenius. 2,217,316; Oct. 8.
Heat exchanger, Plate-type. H. F. Goodman. 2,193,405; Mar. 12.
Heat exchanger, Plate-type. R. Seligman and H. F. Goodman. 2,217,567; Oct. 8.
Heat exchanger unit. A. Howard. 2,205,292; June 18.
Heat exchangers, Preventing fouling of. B. F. Babin. 2,212,581; Aug. 27.
Heat from a body, Device and method to test radiation of W. F. Alder. 2,186,948; Jan. 16.
Heat generation for permanent waving of hair. K. S. R. Kjenberg. 2,209,460; July 30.
Heat generator. G. W. Blake. 2,226,423; Dec. 24.
Heat indicator. R. L. Evans and E. G. McDonough. 2,196,201; Apr. 9.
Heat insulating foam and using same. R. C. Williams. 2,214,358; Sept. 10.
Heat insulation. A. D. Saborsky. 2,192,933; Mar. 12.
Heat insulation material. A. S. Johnson. 2,214,904; Sept. 17.
Heat interchanger, Multitubular. M. T. Pickstone. 2,196,683; Apr. 9.
Heat metering apparatus. C. L. Johnson. 2,210,082; Aug. 6.
Heat, Method of and apparatus for producing and utilizing radiant. E. Kienle and H. J. Wolfe. 2,220,928; Nov. 12.
Heat producer and exchanger. W. G. Noack and O. Zweifel. 2,223,572; Dec. 3.
Heat-producing composition. R. E. Reed. 2,208,816; July 23.
Heat protected pitot-static tube. P. Kollsman. 2,221,547; Nov. 12.
Heat radiation device. K. E. Rochford. 2,197,593; Apr. 16.
Heat resistant painted fabric. R. C. Alborn. 2,226,150; Dec. 24.
Heat responsive device. S. A. Bokovoy. 2,192,960; Mar. 12.
Heat sensitive device, Radiant. R. A. Beveridge. 2,191,640; Feb. 27.
Heat sensitive switch. M. J. Maynard. 2,211,700; Aug. 13.
Heat storer. H. Hausen. 2,214,672; Sept. 10.
Heat system. J. E. Haines. 2,214,554; Sept. 10.
Heat, System for recovering and utilizing waste. F. P. Grutzner. 2,208,157; July 16.
Heat transfer apparatus. W. Astle. 2,197,118; Apr. 16.
Heat transfer apparatus. T. N. Garson and F. C. Melchior. 2,189,532; Feb. 6.
Heat-transfer apparatus. F. B. Gilbert. 2,196,012; Apr. 2.
Heat transfer device. W. S. Blauvelt. 2,215,538; Sept. 24.
Heat transfer device. C. E. Meyerhoefer. 2,225,071; Dec. 17.
Heat transfer device. H. E. Noyes. 2,186,077; Jan. 9.
Heat transfer from a molten material heat-carrying medium in the heat treatment of substances in the gaseous and vaporous state, Method of and an apparatus for effecting. W. O. Pray. 2,218,153; Oct. 15.
Heat transfer process. A. A. Levine and O. W. Cass. 2,185,639; Jan. 2.
Heat transfer system. F. H. Brehob. 2,188,172; Jan. 23.
Heat transfer unit. W. R. Clarke. 2,217,469; Oct. 8.
Heat treated alloy. J. A. Nock, Jr. 2,225,925; Dec. 24.
Heat treating. V. T. Malcolm. 2,188,137; Jan. 23.
Heat treating. V. T. Malcolm. 2,221,597; Nov. 12.
Heat treating. M. Rollman, W. A. Maddox, and H. M. S. Binns. 2,220,002; Oct. 29.
Heat treating apparatus. A. F. Bandur. 2,211,311; Aug. 13.
Heat-treating apparatus. R. O. Day. 2,224,006; Dec. 3.
Heat treating bath. C. Albrecht. 2,201,755; May 21.
Heat treating container. A. M. Miller and H. H. Lightle. 2,192,648; Mar. 5.
Heat treating device. E. R. Graves, C. S. Powell, F. J. Kubalanza, and W. H. Voigt. 2,197,430; Apr. 16.
Heat-treating device. T. J. Newbold. 2,188,793; Jan. 30.
Heat treating furnace. K. A. Stevenson. 2,216,859; Oct. 8.
Heat treating process for white cast iron. C. Jones. 2,219,320; Oct. 29.
Heat treatment and heat-treating furnace. J. N. Wilson. 2,215,342; Sept. 17.
Heat treatment, Apparatus for. J. G. Brush. 2,189,194; Feb. 6.
Heat treatment atmosphere. C. I. Hayes. 2,192,191; Mar. 5.
Heat treatment for pipes. T. H. Nelson. 2,222,263; Nov. 19.
Heat treatment of cast iron. E. L. Bartholomew and J. D. Paine, Jr. 2,200,765; May 14.
Heat treatment of food. G. W. Watson. 2,200,406; May 14.
Heat treatment of magnesium alloys containing zirconium. F. Sauerwald. 2,212,130; Aug. 20.
Heat treatment of metals. J. A. Comstock. 2,188,275; Jan. 23.
Heat treatment of metals. J. M. Michel. 2,201,111; May 14.
Heat treatment of shafts and the like. F. S. Denneen and W. C. Dunn. 2,202,759; May 28.
Heat treatment production of vegetable fiber products. W. H. Mason. 2,220,047; Oct. 29.
Heat, Utilization of waste engine. R. D. Williams. 2,200,379; May 14.

Heater: *See*—
Air conditioned wall heater.
Air heater.
Automobile body heater.
Automobile heater.
Auxiliary fireplace heater.
Boiler and water heater.
Brooder heater.
Car heater.
Cathode heater
Combination water and room heater.
Electric heater.
Electric immersion heater.
Electric space heater.
Electric unit heater.
Engine heater.
Feed water heater.
Fireplace heater.
Floor heater.
Fluid heater.
Fuel heater.
Gas heater.
Gas water heater.
Hot air heater.
Hot water heater.
Injector heater.
Internal circulatory heater.
Investment ring heater.
Liquid heater.
Magnetic heater.
Oil cracking and polymerizing heater.
Orchard and hothouse heater.
Orchard heater.
Railway switch heater.
Safety heater.
Solar water heater.
Space heater.
Steam generator or water heater.
Valveless chemical heater.
Vane type heater.
Vehicle heater.
Water heater.
Well heater.
Windshield heater.

Heater. G. Allen. 2,203,588; June 4.
Heater. V. O. Beam. 2,190,349; Feb. 13.
Heater. E. C. Booth. 2,191,420; Feb. 20.
Heater. E. C. Booth. 2,196,174; Apr. 9.
Heater. H. J. De N. McCollum. 2,226,613; Dec. 31.
Heater. C. F. Denney. 2,191,273; Feb. 20.
Heater. C. C. Goodrich. 2,219,557; Oct. 29.
Heater. R. O. Hein. 2,220,520; Nov. 5.

Heater. D. F. Jones and J. W. Miller. 2,215,510; Sept. 24.
Heater. O. A. Law. 2,222,537; Nov. 19.
Heater. G. Levine. 2,222,202; Nov. 19.
Heater. L. A. Mekler. 2,212,526; Aug. 27.
Heater. W. J. Meyer. 2,216,018; Sept. 24.
Heater. W. W. Owens. 2,186,173; Jan. 9.
Heater. C. A. Richardson. 2,215,767–8; Sept. 24.
Heater. H. J. Sands. 2,197,945; Apr. 23.
Heater. H. J. Sands. 2,200,304; May 14.
Heater. L. W. Welch and A. F. Millington. 2,185,484; Jan. 2.
Heater and air circulator. H. V. Mooney. 2,221,647; Nov. 12.
Heater and air conditioner, Unit. C. A. Dunham and Feed-water. P. Crosti. 2,200,492; May 14.
Heater and boiler, Hot water. T. Smoot. 2,214,543; Sept. 10.
Heater and control, Water. A. J. Burklin. 2,215,520; Sept. 24.
Heater and cooker, Portable. W. A. Bailey. 2,219,170; Oct. 22.
Heater and defroster, Automobile. V. J. Butterfield. 2,188,388; Jan. 30.
Heater and defroster, Combination. H. W. Fink. 2,213,463; Sept. 3.
Heater and dispenser, Shampoo. F. E. Chamberlain. 2,215,688; Sept. 24.
Heater and distiller, Combination, Water. B. G. Bailey. 2,224,131; Dec. 10.
Heater and operating the same, Orchard. C. W. Fernholtz. 2,212,157; Aug. 20.
Heater and the like, Oil treating. C. Prater and H. F. Brindel. 2,193,041; Mar. 12.
Heater and thermo control therefor. N. L. Derby. 2,216,809; Oct. 8.
Heater and windshield defroster, Automobile. J. M. Aufiero. 2,197,172; Apr. 16.
Heater, Automobile. W. Karsel. Re. 21,515; July 23.
Heater construction. J. W. Miller. 2,217,128; Oct. 8.
Heater construction. R. E. Wilson. 2,211,708; Aug. 13.
Heater, Direct fired oil. C. S. Reed and V. W. Smith. Re. 21,396; Mar. 12.
Heater, Electric water. J. S. Losee. Re. 21,393; Mar. 12.
Heater element, Electric furnace. G. H. Howe. 2,192,742; Mar. 5.
Heater for automobiles. W. Karsel. 2,198,875; Apr. 30.
Heater for bituminous materials and the like, Immersion. G. P. Kittel. 2,185,594; Jan. 2.
Heater for blast furnaces, Air. P. Schwarze. 2,188,289; Jan. 23.
Heater for boilers, particularly adapted for locomotives, D. N. Crosthwait, Jr. 2,205,716; June 25.
Heater for closed vehicles. L. D. Searcy. 2,190,804; Feb. 20.
Heater for furnaces, Air. G. Alfisi. 2,212,311; Aug. 20.
Heater for hot water bottles, Electric immersion. G. Thornton-Norris. 2,223,154; Nov. 26.
Heater for liquids. H. A. Bichon. 2,218,868; Oct. 22.
Heater for liquids, Electric. B. A. Mikkelson. 2,211,380; Aug. 13.
Heater for ranges, Air. G. D. Boboian. 2,220,637; Nov. 5.
Heater for starting cold internal combustion engines. C. Trca. 2,192,389; Mar. 5.
Heater or stove, Regenerative gas. W. Linder. 2,198,054; Apr. 23.
Heater terminal block. A. Barnsteiner and E. H. Lockwood. 2,189,622; Feb. 6.
Heater unit. A. Barnsteiner and E. H. Lockwood. 2,217,465; Oct. 8.
Heater unit. H. W. Fink. 2,225,985; Dec. 24.
Heater unit. G. E. Price. 2,199,650; May 7.
Heater unit, Electric. B. R. Sandell. 2,207,876; July 16.
Heater unit, Electric water. H. H. Fogwell. 2,213,464; Sept. 3.
Heating and air conditioning apparatus. R. E. Daly and B. Georg. 2,207,052; July 9.
Heating and air conditioning unit. D. H. Powers. 2,225,181; Dec. 17.
Heating and apparatus therefor. W. E. Lobo. 2,209,341; July 30.
Heating and apparatus therefor, Method of. W. B. Mathews. 2,224,827; Dec. 10.
Heating and conditioning device for curing tobacco and the like, Air. R. L. Spikes. 2,197,325; Apr. 16.
Heating and cooling cabinet, Portable. W. S. Shaw 2,196,035; Apr. 2.
Heating and cooling means and method, Reversible. E. L. Tornquist. 2,212,869; Aug. 27.
Heating and cooling receptacle. K. Grueneklee. 2,209,099; July 23.
Heating and cooling system. R. H. Horton and R. Eksergian. 2,218,793; Oct. 22.
Heating and cooling system, Combined. L. E. Roberts. 2,196,873; Apr. 9.
Heating and lighting equipment. H. H. Berryman. Re. 21,576; Sept. 24.
Heating and refrigeration, System for. J. L. Getaz. 2,196,911; Apr. 9.
Heating and ventilating means. E. B. Barnes. 2,225,203; Dec. 17.
Heating and ventilating means for vehicles. J. N. H. Christman. 2,215,901; Sept. 24.
Heating and ventilating system. F. P. Grutzner. 2,189,895; Feb. 13.
Heating and ventilating system. E. L. Mayo. 2,189,348; Feb. 6.
Heating apparatus. M. Arter. 2,203,187; June 4.
Heating apparatus. J. B. Bernhard. 2,210,830; Aug. 6.
Heating apparatus. G. H. Bork. 2,210,890; Aug. 13.
Heating apparatus. R. H. Carson. 2,223,551; Dec. 3.
Heating apparatus. N. B. Cohen. Re. 21,669; Dec. 24.
Heating apparatus. R. E. Daly, W. R. Zuhlke, and F. C. Reynolds. 2,212,201; Aug. 20.
Heating apparatus. E. J. Dillman. 2,185,978; Jan. 2.
Heating apparatus. H. D. Dufault. 2,219,517; Oct. 29.
Heating apparatus. B. Goerg. 2,186,802–3; Jan. 9.
Heating apparatus. B. Goerg. 2,197,612; Apr. 16.
Heating apparatus. A. C. Grant. 2,191,141; Feb. 20.
Heating apparatus. H. R. Hagen. 2,210,716; Aug. 6.
Heating apparatus. H. R. Hagen. 2,210,854; Aug. 6.
Heating apparatus. W. M. Hepburn. 2,188,133; Jan. 23.
Heating apparatus. W. M. Hepburn. 2,226,816; Dec. 31.
Heating apparatus. E. A. Russell. 2,213,053; Aug. 27.
Heating apparatus. E. A. Sweeley. 2,211,631; Aug. 13.
Heating apparatus. Q. I. Wagner. 2,191,064; Feb. 20.
Heating apparatus. J. C. Woodson. 2,200,731; May 14.
Heating apparatus. R. L. Zimmerman. 2,219,860; Oct. 29.
Heating apparatus, Electric. H. F. Bariffi. 2,196,005; Apr. 2.
Heating apparatus for aircraft or the like. W. E. Huffman and G. W. Replogle. 2,220,108; Nov. 5.
Heating apparatus for shoe parts. J. Teppema and T. C. Morris. 2,186,941; Jan. 16.
Heating apparatus, Liquid fuel. R. C. Sabins. 2,212,077; Aug. 20.
Heating apparatus, Oil burning. R. C. Sabins. 2,212,078; Aug. 20.
Heating apparatus, Temperature controlled. W. Ayers. 2,212,285; Aug. 20.
Heating apparatus, Vehicle. O. Werther. 2,192,657; Mar. 5.
Heating device. C. L. Bryant. 2,190,768; Feb. 20.
Heating device. A. A. Humphrey and A. G. Jordan. 2,220,043; Oct. 29.
Heating device. G. B. Kidd. 2,194,283; Mar. 19.
Heating device. L. E. Seeley. 2,220,584; Nov. 5.
Heating device. H. Silverstein. 2,215,337; Sept. 17.
Heating device, Electric. F. Kuhn and L. H. Thomas. 2,200,557; May 14.
Heating device, Electric. R. G. Roesch and L. M. Carpenter. 2,223,331; Nov. 26.
Heating device, Electric. J. Wentworth. 2,196,484; Apr. 9.
Heating device for domestic and other uses. C. S. Lombardi. 2,220,532; Nov. 5.
Heating device for pyrography and soldering iron. F. Raffles. 2,185,266; Jan. 2.
Heating device for water fountains. E. M. Keen. 2,201,901; May 21.
Heating device, Therapeutical. T. J. Cross. 2,192,768; Mar. 5.
Heating element and making the same, Electric resistance. J. G. Lampe and R. J. King. 2,219,523; Oct. 29.
Heating element construction, Electric. W. A. Barnes. 2,194,193; Mar. 19.
Heating element, Electric. P. Schwarzkopf. 2,193,987; Mar. 19.
Heating element for vulcanizing patch. F. M. Deutsch. 2,211,460; Aug. 13.
Heating element mounting construction. E. L. Smalley. 2,202,874; June 4.
Heating element winding machine. T. E. Galligan. 2,187,267; Jan. 16.
Heating elements, Manufacture of armored electric. A. Deroche. 2,199,879; May 7.
Heating equipment, Locomotive feed-water. J. S. Coffin, Jr. 2,220,365; Nov. 5.
Heating furnace. L. L. Anthes, F. E. Ellis, and G. E. Pallister. 2,185,365; Jan. 2.
Heating furnace. J. Curran. 2,222,809; Nov. 26.
Heating furnace. S. Kneass, Jr. 2,214,421; Sept. 10.
Heating furnace, Continuous. H. F. Spencer. 2,220,585; Nov. 5.
Heating implement, Rodlike. H. Kerschbaum. 2,215,587; Sept. 24.
Heating means for gins. W. L. Calhoun. 2,214,497; Sept. 10.
Heating method and apparatus. D. K. Dean. 2,223,407; Dec. 3.
Heating of liquid baths, Electric. E. V. Borel and Y. Peyches. 2,225,617; Dec. 24.
Heating pad. L. Howard and H. A. Smith. 2,215,042; Sept. 17.
Heating pad. N. H. McCleary. Re. 21,474; June 4.
Heating pad. N. H. McCleary. 2,185,692; Jan. 2.
Heating plant. C. L. Arnold. 2,212,534; Aug. 27.
Heating plant. J. F. McIntire. 2,209,531; July 30.
Heating plant, District. A. E. Margolis. 2,201,239; May 21.
Heating plant, Hot-air. I. F. Ward. 2,213,795; Sept. 3.
Heating plate, Electric. E. Challet. 2,198,761; Apr. 30.
Heating plug. R. A. Siegler. 2,223,969; Dec. 3.
Heating structure, Automobile. R. J. Black. 2,207,776; July 16.

Heating structure, Automobile. E. L. Potter. 2,202,920; June 4.
Heating surface. J. R. Rideau and A. M. Ducret. 2,205,543; June 25.
Heating system. O. J. Appel. 2,224,946; Dec. 17.
Heating system. G. D. Bower. 2,207,083; July 9.
Heating system. A. L. Browne. 2,193,160; Mar. 12.
Heating system. B. S. Cain. 2,209,221; July 23.
Heating system. E. S. Cornell, Jr. 2,194,691; Mar. 26.
Heating system. C. T. Denker. 2,194,694; Mar. 26.
Heating system. F. A. Gauger. 2,207,979; July 16.
Heating system. C. I. Hall and M. A. Edwards. 2,210,758; Aug. 6.
Heating system. K. F. Hartmann. 2,195,963; Apr. 2.
Heating system. E. B. Hauser. 2,201,312; May 21.
Heating system. W. L. McGrath. 2,211,573; Aug. 13.
Heating system. C. and J. A. Meyer. 2,194,765; Mar. 26.
Heating system. W. F. Miller. Re. 21,350; Feb. 13.
Heating system. R. E. Moore. 2,190,382; Feb. 13.
Heating system. R. E. Moore. 2,194,805; Mar. 26.
Heating system. A. A. Olson. 2,218,404; Oct. 15.
Heating system. R. Royall. 2,199,840; May 7.
Heating system. G. Slayter and H. W. Collins. 2,186,539; Jan. 9.
Heating system. F. H. Smith. 2,204,708; June 18.
Heating system, Automobile. H. J. De N. McCollum. 2,190,671; Feb. 20.
Heating system, Bus. R. J. Parsons. 2,201,916; May 21.
Heating system for airplanes. G. Van Daam. 2,187,506; Jan. 16.
Heating system for motor driven conveyances. C. E. Osborne. 2,186,988; Jan. 16.
Heating system for motor vehicles, Steam. F. H. Monson. 2,195,970; Apr. 2.
Heating system for refrigerator cars. C. D. Niven. Re. 21,674; Dec. 24.
Heating system for supercharged cabins. N. C. Price. 2,193,141; Mar. 12.
Heating system, Galley. N. C. Price. 2,193,142; Mar. 12.
Heating system, Vacuum. J. Lavergne. 2,186,680; Jan. 9.
Heating system, Vehicle. A. J. Schutt. 2,212,250; Aug. 20.
Heating system with flow control, Open tank. E. S. Cornell, Jr. 2,189,941; Feb. 13.
Heating the metallic parts of enclosed electrical devices, Inductively. A. Rava. Re. 21,326; Jan. 16.
Heating unit. J. E. Briggs. 2,192,636; Mar. 5.
Heating unit, Electric. J. E. Smith. 2,192,655; Mar. 5.
Heating unit, Electrical. J. E. Smith. 2,211,520; Aug. 13.
Heating unit for electric appliances. H. Collins. 2,194,848; Mar. 26.
Hectograph mass and preparing copies therefrom. H. E. Collins. 2,223,280; Nov. 26.
Hectograph mass containing color intensifiers. W. Hoskins, Jr. 2,195,926; Apr. 2.
Hectograph mass containing color intensifiers. W. Hoskins, Jr. 2,216,590; Oct. 1.
Heddle frame. J. J. Kaufmann. 2,206,844; July 2.
Heddle frame. J. J. Kaufmann. 2,211,271; Aug. 13.
Heddle frame for looms. J. Zürcher and A. Blickenstorfer. 2,216,682; Oct. 1.
Heel. C. R. N. Brudsig. 2,216,430; Oct. 1.
Heel and quarter sections of boots and shoes, Making and preholding. B. F., L. L., Jr., and A. F. Hartwell. 2,187,783; Jan. 23.
Heel attaching press. O. Jacobus. 2,226,343; Dec. 24.
Heel breasting machine. H. B. Munson. 2,222,421; Nov. 19.
Heel building machine. W. R. Barclay and H. Boothroyd. 2,226,798; Dec. 31.
Heel construction. J. H. McGill. 2,189,811; Feb. 13.
Heel construction, Shoe. J. H. McGill and W. H. Wedger. 2,189,812; Feb. 13.
Heel, Detachable. W. L. Bernier. 2,212,655; Aug. 27.
Heel, Detachable. G. H. Gillis. 2,195,128; Mar. 26.
Heel engaging device. J. J. Henthorn and J. W. Ashley. 2,212,601; Aug. 27.
Heel, Exchangeable. P. Niedworok. 2,221,718; Nov. 12.
Heel for shoes. J. Lang. 2,213,072; Aug. 27.
Heel grooving machine. G. T. Watt. 2,195,104; Mar. 26.
Heel knitting machine. F. Lambach. 2,198,052; Apr. 23.
Heel lift attaching machine. W. J. Young. 2,210,053; Aug. 6.
Heel, Light metal. A. von Haÿn. 2,215,237; Sept. 17.
Heel, Metal. K. Schwellenbach. 2,187,756; Jan. 23.
Heel mold, Rubber. M. Pancorbo. 2,203,543; June 4.
Heel, Pneumatic. B. Rubel. 2,201,702; May 21.
Heel, Reversible. R. A. Hayden. 2,208,260; July 16.
Heel roughing machine. C. G. Brostrom. 2,220,204; Nov. 5.
Heel, Rubber. L. M. Oakley. 2,217,181; Oct. 8.
Heel, Rubber. J. and S. Pinaud. 2,198,228; Apr. 23.
Heel, Rubber. A. Santacroce and A. Milshow. 2,208,280; July 16.
Heel, Rubber. C. F. Snyder. 2,205,912; June 25.
Heel saver for shoes. C. R. Hanus. 2,187,621; Jan. 16.
Heel-seat fitting machine. G. Hazelton. 2,187,150; Jan. 16.
Heel-seat fitting machine. G. Hazelton. 2,190,784; Feb. 20.
Heel-seat fitting machine. G. Hazelton. 2,215,524; Sept. 24.
Heel-seat fitting machine. L. G. Miller. 2,212,614; Aug. 27.
Heel-seat fitting machine. J. W. Pratt. 2,185,420; Jan. 2.
Heel, Shoe. B. F. Convy. 2,212,263; Aug. 20.
Heel, Shoe. C. F. Giessler. 2,198,938; Apr. 30.
Heel-slotting machine. H. W. Russ. 2,220,915; Nov. 12.
Heel structure of footwear. H. R. Hustad. 2,206,898; July 9.
Heel turner drive. G. T. Watt. 2,195,105; Mar. 26.
Heels, Reinforcement for wooden. H. Leblance. 2,197,108; Apr. 16.
Heels to shoes, Attaching. E. H. Bastable. 2,186,470; Jan. 9.
Heels to shoes, Attaching. E. H. Bastable. 2,202,941; June 4.
Height gauge. A. Spalek and W. J. Zrenchik. 2,196,328; Apr. 9.
Height measuring device. G. F. Runge. 2,215,884; Sept. 24.
Helicopter device. G. de Bothezat. 2,192,881; Mar. 12.
Helixes without the aid of a core or mandrel, Method and apparatus for making. D. Tulloch. 2,202,275; May 28.
Helmet, Armored. P. L. Crosby. 2,197,174; Apr. 16.
Helmet, Football. H. Holstein. 2,194,903; Mar. 26.
Helmet, Pile driving. C. P. De Biasi. 2,214,295; Sept. 10.
Helmet, Welder's. R. E. Locher. 2,190,074; Feb. 13.
Herbicide. T. F. Catchings, L. J. Padget, and L. H. Dawsey. 2,218,787; Oct. 22.
Herbicide, Selective. T. S. Carswell. 2,188,734; Jan. 30.
Hernia appliance or the like. S. V. Laub. 2,223,006; Nov. 26.
Heterodyne receiver. E. Kramar. 2,195,888; Apr. 2.
Heterogeneous material. Crushing soft. H. L. Robson and H. D. Kaufmann. 2,195,754; Apr. 2.
Heteropolar compounds, Process and product relating to. F. A. Bent. 2,197,462; Apr. 16.
Hexacene compounds. E. Clar. 2,210,396; Aug. 6.
Hexamethylene ammonium hexamethylene dithiocarbamate, Preparation of. A. M. Neal and B. M. Sturgis. 2,208,935; July 23.
Hides and skins, Bating. J. Pfannmuller. 2,190,484; Feb. 13.
Hides and skins, Deliming of. W. H. Hill. 2,192,228; Mar. 5.
Hides and skins, Tanning. K. Lindner. 2,218,582; Oct. 22.
Hides and skins, Tanning of. R. L. McGrath. 2,226,776; Dec. 31.
Hides, skins and pelts, Treating. J. Pfannmuller and H. Schleich. 2,212,750; Aug. 27.
Hides using mold tryptases, and a neutral to weakly acid reaction, Preparing. O. Röhm. 2,215,055; Sept. 17.
High-frequency apparatus. V. H. Fraenckel. 2,222,898; Nov. 26.
High frequency apparatus. W. C. Hahn. 2,222,902; Nov. 26.
High frequency apparatus. S. Ramo. 2,224,122; Dec. 3.
High frequency apparatus. C. W. Rice. 2,193,361; Mar. 12.
High frequency arrangement. H. Rochow. 2,219,941; Oct. 29.
High frequency apparatus. G. L. Usselman. 2,193,500; Mar. 12.
High frequency apparatus. G. L. Usselman. 2,215,200; Sept. 17.
High-frequency cable. W. M. Hahnemann. 2,210,663; Aug. 6.
High-frequency cable, Air spaced coaxial. E. and J. Fischer, W. Gabriel, H. Lintzel, and H. Menke. 2,210,400; Aug. 6.
High frequency cable, Flexible. F. Unterbusch 2,189,091; Feb. 6.
High-frequency detector. G. F. Metcalf. 2,220,841; Nov. 5.
High frequency device, Ultra. R. M. Smith. 2,223,835; Dec. 3.
High frequency energy line. A. Gothe. 2,187,584; Jan. 16.
High frequency generator. W. J. Polydoroff. 2,210,303; Aug. 6.
High frequency modulator, Ultra. W. R. Koch. 2,217,280; Oct. 8.
High frequency system. J. R. Fischer. 2,207,246; July 9.
High frequency system. E. Gossel and W. Puhlmann. 2,202,487; May 28.
High-frequency system. W. E. Kirkpatrick. 2,223,521; Dec. 3.
High frequency system. A. Wiessner. 2,203,316; June 4.
High frequency system. A. Wiessner. 2,208,917; July 23.
High frequency system. A. Wiessner. 2,227,207; Dec. 31.
High frequency system. A. Wiessner and W. Hagen. 2,223,084; Nov. 26.
High frequency system, Ultra. P. D. Zottu. 2,220,437; Nov. 5.
High-frequency tunable system and apparatus. H. A. Wheeler and J. F. Farrington. 2,222,387; Nov. 19.

High power discharge device. J. E. Clark, S. O. Ekstrand and V. L. Ronci. 2,212,929; Aug. 27.
High pressure gas filled cable. H. M. Hobart. 2,215,290; Sept. 17.
High pressure steam trap. E. A. Russell and J. Yindrock. 2,224,989; Dec. 17.
High speed brake. P. H. Donovan. 2,187,966; Jan. 23.
High speed tool. R. P. De Vries. 2,212,227; Aug. 20.
High-tension electrical-transmission cable. H. C. Daniels. 2,225,334; Dec. 17.
High tension magneto generator. E. B. Nowosielski. 2,195,706; Apr. 2.
High vacuum pump. K. C. D. Hickman. 2,211,329; Aug. 13.
High vacuum vapor jet pump. U. Lamm. 2,193,135; Mar. 12.
High voltage generator. N. E. Lindenblad. 2,210,492; Aug. 6.
High voltage line, Flexible. E. Zittrich and K. Wenzel. 2,223,198; Nov. 26.
High voltage vacuum tube. W. H. Bennett. 2,206,558; July 2.
Highway construction. E. B. Sparrow. 2,192,369; Mar. 5.
Highway construction. H. L. Strübe. 2,192,246; Mar. 5.
Highway crossing gate. W. K. Howe and J. C. Lindner. 2,220,154; Nov. 5.
Highway crossing gate. J. C. Lindner. 2,220,162; Nov. 5.
Highway crossing gate. E. G. Little. 2,223,218; Nov. 26.
Highway gate. W. J. Buford. 2,189,974; Feb. 13.
Highway gate. W. J. Buford. 2,219,127; Oct. 22.
Highway joint. E. S. Clark. 2,194,383; Mar. 19.
Highway marking. P. H. Creswell and R. A. Kelly. 2,220,316; Nov. 5.
Highway safety gate. J. W. Silver. 2,193,350; Mar. 12.
Highway striper. R. A. Bossi. 2,221,908; Nov. 19.
Highway structure, Elevated. N. C. Sorensen. 2,225,186; Dec. 17.
Highways or other massive structures, Constructing. T. W. Stedman. 2,220,628; Nov. 5.
Hinge. L. Anderson. 2,207,046; July 9.
Hinge. M. L. Anderson. 2,217,937; Oct. 15.
Hinge. S. B. Atwood. 2,200,250–3; May 14.
Hinge. S. B. Atwood. 2,200,439–41; May 14.
Hinge. B. S. Bernhard. 2,205,786; June 25.
Hinge. P. F. Boettcher. 2,222,428; Nov. 19.
Hinge. C. Colucci. 2,205,396; June 25.
Hinge. H. J. Dudley. 2,200,418; May 14.
Hinge. A. Fischer. 2,201,968; May 21.
Hinge. C. T. M. Hough. 2,199,102; Apr. 30.
Hinge. A. Lachwitz. 2,209,125; July 23.
Hinge. J. Ludwig. 2,200,511; May 14.
Hinge. G. A. McNulty. 2,200,699; May 14.
Hinge. G. H. Murrin. 2,189,818; Feb. 13.
Hinge. G. H. Murrin. 2,224,444; Dec. 10.
Hinge. E. S. Persson. 2,187,464; Jan. 16.
Hinge. N. J. Peters. 2,224,232; Dec. 10.
Hinge. R. A. Ross. 2,211,581; Aug. 13.
Hinge. H. M. Roth. 2,214,348; Sept. 10.
Hinge. W. R. Smith. 2,191,632; Feb. 27.
Hinge. H. and J. Soss. 2,216,632; Oct. 1.
Hinge. W. W. Stumpf. 2,206,708; July 2.
Hinge. M. Tucker. 2,222,920; Nov. 26.
Hinge. H. E. Van Voorhees. 2,200,311–2; May 14.
Hinge. J. F. Voelkel. 2,222,965; Nov. 26.
Hinge. R. S. Wagner. 2,188,670; Jan. 30.
Hinge. R. S. Wagner. 2,210,515; Aug. 6.
Hinge. A. F. Wintercorn and E. P. McCanna. 2,200,317; May 14.
Hinge. M. Witschi. 2,200,142; May 7.
Hinge and brace for folding table legs. A. Zieman. 2,197,286; Apr. 16.
Hinge and check, Spring door. M. W. Henry. 2,203,197; June 4.
Hinge and door check, Combined. E. L. Ackerman. 2,218,372; Oct. 15.
Hinge and door opening means, Door. R. I. Schonitzer. 2,219,825; Oct. 29.
Hinge and operating means therefor. H. K. Sylvester. 2,190,741; Feb. 20.
Hinge apparatus, Self-closing. H. E. Hubbs. 2,220,335; Nov. 5.
Hinge applying machine. L. Triolo. 2,205,367; June 18.
Hinge assembly for focusing ground glass cover. H. O. Drotning and J. D. Newell. 2,196,759; Apr. 9.
Hinge, Concealed. W. Bobek. 2,203,041; June 4.
Hinge, Concealed. C. Dumelin. 2,206,499; July 2.
Hinge, Concealed. M. J. Economides. 2,219,358; Oct. 29.
Hinge, Concealed. M. J. Economides. 2,219,918; Oct. 29.
Hinge, Concealed. J. A. Lawler. 2,206,904; July 9.
Hinge, Concealed. J. Soss. 2,215,088; Sept. 17.
Hinge, Concealed. J. Soss. 2,222,958; Nov. 26.
Hinge, Concealed door. A. V. Brogren and J. T. Parsons. 2,206,739; July 2.
Hinge, Concealed door. S. W. Nicholson. 2,225,178; Dec. 17.
Hinge connection. A. Boenecke. 2,205,969; June 25.
Hinge construction. E. B. G. Lefevre. 2,211,663; Aug. 13.
Hinge construction. H. Rodemeyer. 2,187,099; Jan. 16.
Hinge construction for vehicle hoods. G. E. Hjelm. 2,218,384; Oct. 15.
Hinge, Couch. D. and C. L. Krakauer. 2,224,825; Dec. 10.
Hinge dowel for transverse joints of concrete roadways and the like. A. E. Brickman. 2,207,085; July 9.
Hinge, Electric appliance. B. F. Parr. 2,193,601; Mar. 12.
Hinge, Extrusion. C. H. Lindsay. 2,205,484; June 25.
Hinge, Flange. P. M. Stephens. 2,207,642; July 9.
Hinge for book cover. N. O. Walrafen. 2,221,364; Nov. 12.
Hinge for boxes and the like. A. Primas. 2,200,399; May 14.
Hinge for doors. D. C. E. Leonard. 2,208,310; July 16.
Hinge for molded body parts, Separable. W. B. Ross. 2,196,740; Apr. 9.
Hinge for refrigerator doors. E. F. Schweller. 2,206,755; July 2.
Hinge for sofa beds. A. Krakauer. 2,201,903; May 21.
Hinge for windows, fanlights, and the like, opening outwardly. A. G. Westwood. 2,208,887; July 23.
Hinge, Inclined. E. E. Howe. 2,201,490; May 21.
Hinge mounting device. R. La Vasseur. 2,220,468; Nov. 5.
Hinge mounting for garment supports, Shiftable. H. P. Danielsen. 2,217,105; Oct. 8.
Hinge pin holes in shoe lasts, Drilling. J. M. Madigan. 2,214,837; Sept. 17.
Hinge, Seat. H. P. Nordmark. 2,201,450; May 21.
Hinge, Self-locking. J. Ludwig and G. M. Gebhardt. 2,206,326; July 2.
Hinge, Spring. G. E. Sundell. 2,207,836; July 16.
Hinge structure. R. F. Bean. 2,202,724; May 28.
Hinge structure. J. P. Lavigne. 2,188,052; Jan. 23.
Hinge structure. C. H. Lindley and O. Sliger. 2,219,524; Oct. 29.
Hinge structure for automobile hoods or the like, Compensating. A. Claud-Mantle. 2,185,212–4; Jan. 2.
Hinge structure, Separable. J. Mihalyi. 2,206,104; July 2.
Hinge, Tail gate. W. J. Voth. 2,208,691; July 23.
Hitch. O. F. Jager. 2,194,087; Mar. 19.
Hitch. S. M. Young. 2,185,454; Jan. 2.
Hitch connection. W. J. Coultas. 2,203,981; June 11.
Hitch, Elevator rope. D. L. Lindquist. 2,214,139; Sept. 10.
Hitch for road graders and the like. J. Markoe. 2,188,188; Jan. 23.
Hitch for tractors, Adjustable draft. N. Corey. 2,196,410; Apr. 9.
Hitch, Implement. N. Even and A. Korsmo. 2,226,556; Dec. 31.
Hitch pin. C. E. Smith. 2,185,447; Jan. 2.
Hitch, Traction splint. E. Ellis. 2,198,908; Apr. 30.
Hitch, Tractor. M. H. Sawyer. 2,221,492; Nov. 12.
Hitch, Trailer. E. R. Berluti. 2,204,882; June 18.
Hitch, Trailer. C. W. Boden. 2,216,584; Oct. 1.
Hitch, Trailer. J. L. Gilmore. 2,219,955; Oct. 29.
Hitch, Trailer. E. R. Greer. 2,187,970; Jan. 23.
Hitch, Trailer. A. L. Rankin. 2,202,867; June 4.
Hitch, Trailer. H. W. Utterback. 2,221,278; Nov. 12.
Hitch, Trailer safety. L. E. and F. F. Otto. 2,225,130; Dec. 17.
Hitch, Universal automatic. H. H. Rodin. 2,210,007; Aug. 6.
Hitch, Vehicle. W. E. Roberts. 2,193,938; Mar. 19.
Hitching device for trailers. L. H. Draeger. 2,189,710; Feb. 6.
Hob cutting machine. E. J. Lees. 2,206,465; July 2.
Hobbing machine. O. E. Staples. 2,210,134; Aug. 6.
Hobs, Making. J. Edgar. 2,185,839; Jan. 2.
Hobbyhorse. B. F. Cisor. 2,209,320; July 30.
Hobbyhorse. G. B. Naegle. 2,211,151; Aug. 13.
Hoe. C. R. Jones. 2,201,436; May 21.
Hoeing implement and the like. R. C. Taft. 2,224,556; Dec. 10.
Hoer, Rotary weed. J. Hirak. 2,197,305; Apr. 16.
Hog feeder. D. W. Gehron. 2,216,410; Oct. 1.
Hog feeder. W. M. Maggart. 2,226,476; Dec. 24.
Hog ring clinching tool. J. T. Green. 2,205,690; June 25.
Hog stunning pen. R. W. Regensburger. 2,185,949; Jan. 2.
Hog trap. N. McNett. 2,214,969; Sept. 17.
Hoist. A. H. Carson and R. O. Anderson. 2,185,498; Jan. 2.
Hoist. C. K. Ernst. 2,208,968; July 23.
Hoist. F. P. Lawler. 2,199,668; May 7.
Hoist. M. C. Nesbitt. 2,221,359; Nov. 12.
Hoist. F. Pennell. 2,217,453; Oct. 8.
Hoist. R. A. Uecker, I. G. Rambo, D. E. Beatty, and F. H. Graser. 2,203,113; June 4.
Hoist construction. B. G. Johnson. 2,213,766; Sept. 3.
Hoist, Electric. P. Whitcomb. 2,211,873; Aug. 20.
Hoist for building material. D. MacIsaac. 2,212,711; Aug. 27.
Hoist, Hydraulic. K. Feilcke. 2,220,815; Nov. 5.
Hoist, Ladder. W. G. Kuehn and M. E. Hover. 2,219,133; Oct. 22.
Hoist mechanism, Truck body. G. Maxon, Jr. 2,219,525; Oct. 29.
Hoist or elevator, Material. M. L. Gibbs. 2,192,546; Mar. 5.

Hoist, Portable. E. D. Fivecoate and T. H. Fleming. 2,207,053; July 9.
Hoist pulley and rope gripper. C. J. Rio. 2,200,896; May 14.
Hoist, Skip. J. N. Richardson. 2,222,803; Nov. 26.
Hoist support. W. A. Hyde. 2,201,138; May 21.
Hoist, Transmission. M. Panchuk. 2,198,414; Apr. 23.
Hoisting apparatus. H. F. Martin. 2,189,447; Feb. 6.
Hoisting apparatus, Mobile. I. J. Kuert. 2,196,634; Apr. 9.
Hoisting attachment for ladders. M. Brandel. 2,212,384; Aug. 20.
Hoisting device. D. R. Merchant. 2,221,103; Nov. 12.
Hoisting jack, Portable. O. E. Sandstrom. 2,222,243; Nov. 19.
Hoisting mechanism. R. C. Osgood. 2,219,551; Oct. 29.
Hoisting mechanism for vehicles. H. W. Shonnard. 2,203,310; June 4.
Hold-down mechanism. G. E. Moore. 2,204,904; June 18.
Hold-down system. W. Ferris. 2,211,692; Aug. 13.
Hold-down system. P. Simonds. 2,194,078; Mar. 19.
Holder: *See*—
Anchor holder.
Article holder.
Bag holder.
Bait holder.
Bedclothes holder.
Binder or loose sheet holder.
Blade holder.
Bobbin holder.
Book holder.
Book rest and copy holder
Bottle holder.
Broom holder.
Brush holder.
Brushes and tube holder.
Can holder.
Candle holder.
Carbon paper holder.
Card holder
Cartridge holder.
Certificate holder.
Chalk holder.
Check roll holder.
Cigarette and cigar holder.
Cigarette ash holder.
Cigarette holder.
Cigarette package holder.
Clothesline holder.
Clothes prop holder.
Coiled wire holder.
Collar holder.
Condiment holder.
Conductor holder
Cosmetic holder.
Cracker or wafer holder.
Cravat holder.
Crayon holder.
Crystal holder.
Curtain holder.
Curtain rod holder.
Defect card holder.
Dental floss holder.
Dental partial plate holder.
Dental tool holder.
Diaper holder.
Die and die holder.
Door holder.
Drapery fold holder.
Drill bit holder.
Dye holder.
Ejector-equipped cigarette holder.
Electric fuse and fuse holder.
Electrode holder.
Fabric holder.
File holder.
Film holder.
Filter glas holder.
Fish hook holder.
Fishing rod holder.
Flag and banner holder.
Flag and flagpole holder.
Flag holder.
Flashlight holder.
Flower holder.
Fountain pen holder.
Fowl holder.
Eraser holder.
Golf ball holder.
Grip claw holder.
Hair holder.
Hat holder.
Hat or cap holder.
Hose holder.
Identification card holder.
Initial holder.
Iron holder.
Jar holder.
Key holder.
Key ring or chain holder
Kite string holder.
Lamp holder.
Ledger holder.
License plate holder.
Lid holder.
Lipstick holder.
Magnetic work holder.
Map holder.
Match holder.
Memo paper holder.
Memorandum holder.
Memorandum pad holder.
Meter holder.
Microscopic slide holder.
Milk bottle holder.
Mop holder.
Multiple tool holder.
Necktie clasp and shirt holder.
Necktie holder.
Needle holder
Note paper holder.
Nursing bottle holder.
Ornamental flower holder.
Package and match holder.
Package holder.
Pad and pencil holder.
Pad holder.
Paper holder.
Pen, pencil and spectacle case holder.
Pencil holder.
Pie plate holder.
Piezoelectric crystal holder.
Piezoelectric plate holder.
Pipe, cigar, or cigarette holder.
Pipe, cigarette and cigar holder.
Pipe holder.
Plate holder.
Poker chip holder.
Propellent charge holder.
Range rod holder.
Receptacle holder.
Record element holder.
Record holder.
Retractable tool holder.
Roast holder.
Roll holder.
Roller wedge door holder.
Rope holder
Sadiron holder.
Salt block holder.
Sash holder.
Screw holder.
Sheet holder.
Shoe holder.
Shower curtain holder.
Sign and price card holder.
Sign holder.
Soap holder
Spectacle holder.
Stamp holder.
Stencil blank holder.
Stick holder.
Swinging sign holder.
Tag holder.
Tap and die holder.
Test tube holder.
Thermometer holder.
Thread cutting tool holder.
Thread end holder.
Thread holder.
Ticket holder.
Toilet tissue holder.
Tool holder.
Toy and place card holder.
Tree holder.
Tube cap holder.
Tube holder.
Type holder.
Welder electrode holder.
Window holder.
Wire holder.
Work holder.
Wrench set holder.
Yarn ball holder
Yarn package holder.
Holder. J. R. Baty. 2,207,369; July 9.
Holder. C. M. Farley. 2,221,704; Nov. 12.
Holder. W. F. Langelier. 2,216,886; Oct. 8.
Holder. W. C. La Veau. 2,191,022; Feb. 20.
Holder. J. E. Martin. 2,202,957; June 4.
Holder. F. Olsen. 2,211,757; Aug. 20.
Holder. A. L. Slee. 2,203,239; June 4.
Holder. P. L. Vaughan. 2,219,969; Oct. 29.
Holder adapted for motor cars, Ski. W. P. Schmidt. 2,220,292; Nov. 5.
Holder and clamp, Tool. E. Reaney. 2,203,104; June 4.
Holder and cutter, Needle and thread end. E. T. Frisk and C. A. Aura. 2,223,248; Nov. 26.
Holder and dispenser, Cigarette. L. L. Ladd. 2,199,242; Apr. 30.
Holder and dispenser, Cup. H. Greenhill. 2,203,494; June 4.
Holder and extinguisher, Cigarette. C. W. Pudlich. 2,224,234; Dec. 10.
Holder and fishhook, Combination bait. O. Anderson. 2,196,376; Apr. 9.
Holder and guide for arc lamps, Electrode. D. C. McCroskey. 2,215,401; Sept. 17.
Holder and loader, Box strap. G. M. Hill and H. D. Clark. 2,203,412; June 4.
Holder and lock, Bottle. W. H. Wallace. 2,208,483; July 16.
Holder and marking guide, Chart. D. E. Henderson and E. L. Shadick. 2,226,906; Dec. 31.
Holder and oarlock, Universal joint oar. H. N. Sticklin. 2,200,565; May 14.
Holder and pad, Pad. M. C. Dykes. 2,205,034; June 18.
Holder and protector, Book. J. B. Farrior, Jr. 2,225,264; Dec. 17.
Holder and reflector, Combined lamp. J. J. Kenning. 2,193,485; Mar. 12.
Holder and sharpener, Lipstick. M. Séguin. 2,209,849; July 30.
Holder and stand, Flowerpot. R. M. Koch. 2,187,159; Jan. 16.
Holder and switch, Trouble light. I. E. Bryk. 2,221,295; Nov. 12.
Holder assembly, Lamp. S. M. Del Camp. 2,225,584; Dec. 17.
Holder attachment, Cigarette and cigar. A. Deerf. 2,203,816; June 11.
Holder construction, Tie. A. W. Lindquist. 2,219,960; Oct. 29.
Holder, Eel. G. H. Tillinghast. Re. 21,375; Feb. 27.
Holder for a fisherman's kit, Artificial fly. W. H. Strom. 2,188,987; Feb. 6.
Holder for articles to be grated. I. Cohen. 2,207,286; July 9.
Holder for automobiles, Adjustable camera. C. N. Alter. 2,219,169; Oct. 22.
Holder for bifocal lens blank. H. L. Meyer. 2,207,929; July 16.
Holder for brooms and the like. U. A. Keppinger. 2,221,801; Nov. 19.
Holder for brushes. L. R. Schumann. 2,216,543; Oct. 1.
Holder for buckets. H. B. Spencer. 2,188,728; Jan. 30.
Holder for caskets or the like. D. S. Breeden. 2,206,762; July 2.
Holder for cigar boxes, Cover. W. G. Roper. 2,210,042; Aug. 6.
Holder for cleaning machines, Tumbler. A. R. Lofstrand, Jr. 2,213,918; Sept. 3.
Holder for color fading testing, Specimen. C. W. Jameson. 2,195,726; Apr. 2.
Holder for composite photographs. G. P. Grant, Jr. 2,208,001; July 16.
Holder for confections. W. J. Murphy. 2,210,251; Aug. 6.
Holder for desk paraphernalia. E. R. Posnack. 2,202,300; May 28.
Holder for electric irons. W. H. Gey. 2,191,649; Feb. 27.
Holder for electric irons, Cord. G. Gunderson. 2,205,139; June 18.
Holder for electroplating machines, Work-piece. A. H. Hannon. 2,187,079; Jan. 16.
Holder for eyeglasses. W. E. Wortham. 2,202,242; May 28.
Holder for floral designs and the like. Suction. F. C. Braun. 2,225,681; Dec. 24.
Holder for folded shirts. M. Schulman. 2,226,443; Dec. 24.
Holder for grinding drills. O. Haskell. 2,220,326; Nov. 5.
Holder for ironing boards, Iron. H. A. Berkman. 2,193,414; Mar. 12.
Holder for ladders, Pail. W. P. Kunde. 2,226,228; Dec. 24.
Holder for line justifying sheets. H. Landsiedel. 2,190,188; Feb. 13.
Holder for liquid insecticides. M. F. Miller. 2,187,276; Jan. 16.
Holder for looped match books. D. O. Ford. 2,212,498; Aug. 27.

Holder for loose-leaf memo paper. C. E. Walton. 2,201,962; May 21.
Holder for loose-leaf notebooks, Article. D. K. Brooks. 2,194,003; Mar. 19.
Holder for matrix setting and type-line casting machines, Casting mold. K. Bendorff. 2,209,557; July 30.
Holder for medicinal charts. S. M. Sutton. 2,198,138; Apr. 23.
Holder for mops and the like. W. R. Hills. 2,218,792; Oct. 22.
Holder for pencils, Eraser. A. Scharf. 2,216,696; Oct. 1.
Holder for photographic enlargers, Negative. G. G. Morin. 2,221,218; Nov. 12.
Holder for photographic printers, enlargers or the like, Negative. E. B. Dewey. 2,199,305; Apr. 30.
Holder for rodents, Poison. W. G. Rose. 2,205,125; June 18.
Holder for rows of sheet material. E. L. Wise. 2,198,421; Apr. 23.
Holder for sandpaper and the like. A. Forsblade. 2,189,980; Feb. 13.
Holder for screws. E. L. Dahlquist. 2,191,010; Feb. 20.
Holder for shirts, Tie. P. Jakob. 2,223,176; Nov. 26.
Holder for stationary awnings, Head rod. A. M. Treffeisen. 2,189,525; Feb. 6.
Holder for testing machines, Automatic load. R. B. Lewis 2,191,282; Feb. 20.
Holder for vehicles, Spring. F. B. Hewel. 2,191,528; Feb. 27.
Holder for weft replenishing looms, Pneumatic thread. O. V. Payne. 2,207,105; July 9.
Holder for writing paraphernalia. E. R. Posnack. 2,202,267; May 28.
Holder or rack, Hose. D. H. Bitney. 2,222,831; Nov. 26.
Holder or target, Resilient. A. Jouffray. 2,193,727; Mar. 12.
Holder, Paint brush. W. C. Crawford. Re. 21,386; Mar. 12.
Holders, Manufacturing confection candle. F. J. and P. P. Addis. 2,202,509; May 28.
Holders, Method of and apparatus for manufacturing confection. S. Decker. 2,218,525; Oct. 22.
Holding device. L. R. Fike. 2,212,859; Aug. 27.
Holding device for ball and socket joints. L. H. Krutsch. 2,208,325; July 16.
Holding device for metal trims. C. D. Schroeder. 2,218,832; Oct. 22.
Holding device, Transparent. A. W. Engel. 2,206,561; July 2.
Holding means. A. E. and H. C. Dekome, and V. J. Sedlon. 2,201,990; May 28.
Holding or stripping mechanism for shearing machines. S. H. Stone. 2,203,884; June 11.
Hole cutting machine, Portable. E. A. Doyle. 2,223,720; Dec. 3.
Hole digging machine. R. E. Templeton. 2,217,300; Oct. 8.
Hole spotter. H. J. Schorle. 2,219,152; Oct. 22.
Hole spotter. H. J. Schorle. 2,219,849; Oct. 29.
Holes in wood, Drilling deep. J. W. Stolle. 2,188,929; Feb. 6.
Hollow articles from plastic material, Forming. E. T. Ferngren. 2,209,877; July 30.
Hollow bodies capable of being produced by folding sheet material. P. Rinkel. 2,203,697; June 11.
Hollow objects, Manufacturing. C. W. Blount. 2,202,042; May 28.
Hollow shapes, Molding. S. T. Moreland. 2,219,576; Oct. 29.
Hollow structural block. S. F. Cox. 2,226,220; Dec. 24.
Holster. W. J. Myres. 2,213,472; Sept. 3.
Holster, Needle. C. G. Albino. 2,220,633; Nov. 5.
Homogenizing head. J. D. Dodge. 2,210,448; Aug. 6.
Hone. H. W. Dunbar and H. S. Indge. 2,191,256; Feb. 20.
Hone. S. E. Ordal. 2,191,994; Feb. 27.
Honing apparatus. H. S. Indge. 2,221,637; Nov. 12.
Honing device. K. W. Connor. 2,200,573; May 14.
Honing machine. G. Crompton, Jr., and T. H. Nye. 2,194,821; Mar. 26.
Honing machine, Horizontal. H. J. Caldwell. 2,194,638; Mar. 26.
Honing tool. M. N. Prange. 2,201,593; May 21.
Honing tool. D. A. Wallace. 2,195,055; Mar. 26.
Hood and lid support, Automobile. J. H. Carter. 2,220,876; Nov. 12.
Hood for motor vehicles, Disappearing. M. Bessonneau. 2,185,581; Jan. 2.
Hood for motor vehicles, Engine. H. Merschelmer. 2,197,648; Apr. 16.
Hood, Grinding wheel dust. T. F. Eserkaln and R. E. Grobe. 2,219,444; Oct. 29.
Hood latch. D. P. Hynes. 2,193,132–4; Mar. 12.
Hood latch. A. E. Peterson. 2,193,111–2; Mar. 12.
Hood latch. A. E. Peterson. 2,203,876; June 11.
Hood latch, Inside control. R. Hill. 2,209,886; July 30.
Hood lock. A. A. Miller. 2,218,683; Oct. 22.
Hood, Rail end hardening. H. H. Cerf. 2,222,362; Nov. 19.
Hood safety locking mechanism. W. W. Dunn. 2,215,606; Sept. 24.
Hood, Ventilator. G. Wolf. 2,200,014; May 7.

Hook: *See*—
Automatic gaff hook.
Cementing hook.
Clothesline hook.
Cord hook.
Crochet hook.
Drapery hook.
Drilling hook.
Fishing hook.
Gaff hook.
Hanger hook.
Rotary hook.
Safety hook.
Self-locking hook.
Snap hook.
Spoon hook.
Supporting hook.
Swing hook.
Tail gate hook.
Torpedo lowering hook.
Trap hook.

Hook. G. W. Hall. 2,217,052; Oct. 8.
Hook. A. E. Hansen. 2,209,600; July 30.
Hook. A. J. Kleckner. 2,211,273; Aug. 13.
Hook. H. D. McNaught. 2,185,921; Jan. 2.
Hook adapter for bolts. H. Lindsay. 2,189,011; Feb. 6.
Hook and bolt, Combining. A. H. Hatchette. 2,191,852; Feb. 27.
Hook attaching device and spreader. S. T. Attarian. 2,196,620; Apr. 9.
Hook attachment unit, Pull-out. J. H. Helman. 2,196,555; Apr. 9.
Hook boot, Gang. J. W. Lougheed. 2,204,185; June 11.
Hook for cargo slings. F. A. Lallier. 2,201,904; May 21.
Hook for conveyer bands and the like, Connecting. H. J. Ziller. 2,224,532; Dec. 10.
Hook for hats and other articles, General service. C. W. Tritt. 2,206,588; July 2.
Hook for rotary well drilling. B. S. Minor. 2,215,049; Sept. 17.
Hook jaw wire connector. L. S. Barron, Sr. 2,225,947; Dec. 24.
Hooks, Choker and butt. A. M. White. 2,215,023; Sept. 17.
Hop extract, Preparation of. L. A. F. von Horst. 2,191,838; Feb. 27.
Hop picking machine. C. J. Gray. 2,222,767; Nov. 26.
Hop picking machine. C. J. Gray. 2,226,813; Dec. 31.
Hop-picking machine. F. W. McConnel and G. A. Hinds. 2,226,206; Dec. 24.
Hop picking machine. E. Thys. 2,187,526; Jan. 16.
Hop picking machine. E. Thys. 2,211,357; Aug. 13.
Hop separator. G. E. Miller. 2,226,009; Dec. 24.
Hopper and inclined chute, Rotary. W. E. Smith. 2,203,287; June 4.
Hopper car, Railway. W. E. Wine. 2,197,443; Apr. 16.
Hopper, Double pan. J. C. Schumacher. 2,204,704; June 18.
Hopper, Dustless. J. Moores and T. P. McClanahan. 2,192,796; Mar. 5.
Hopper for coke ovens, Coal charging. H. Koppers. 2,204,019; June 11.
Hopper for stokers and the like. R. E. Young. 2,199,770; May 7.
Hopper mechanism. P. E. Double. 2,205,087; June 18.
Horizon, Artificial. L. F. Carter. 2,190,698; Feb. 20.
Horizontal press. F. Jaeger. 2,213,815; Sept. 3.
Horizontally reciprocating pump. J. M. Sharp. 2,208,334; July 16.
Hormone compound, Male sex. W. Schoeller, M. Gehrke, and F. Hildebrandt. 2,200,307; May 14.
Hormone derivatives, Production and purification of sexual. E. Kaiser. 2,208,942; July 23.
Hormone, Isolating and purifying the lactogenic. E. I. Evans. 2,211,411; Aug. 13.
Hormone preparations of high purity, Producing. E. Schwenk, F. Hildebrandt, and M. Gehrke. 2,225,662; Dec. 24.
Hormone preparations, Stable suspension of. H. Friedrich. 2,190,183; Feb. 13.
Hormone, Production of the male sexual. A. Butenandt. 2,188,881; Jan. 30.
Hormones and preparing them, Sexual. W. Dirscherl and F. Hanusch. 2,197,853; Apr. 23.
Hormones from biological materials, Separating. M. G. Sevag. 2,202,029; May 28.
Hormones, Reducing unsaturated germinal gland. L. Strassberger and E. Schwenk. 2,223,393; Dec. 3.
Horn. R. Felgner. 2,198,993; Apr. 30.
Horn and lamp for vehicles, Combined. C. E. Meyerhoefer. 2,218,408; Oct. 15.
Horn, Electromagnetic. F. Von Voigtlander. 2,216,380; Oct. 1.
Horn expander for can body making machines. W. Weber. 2,206,795; July 2.
Horn press. D. L. Cleveland. 2,222,833; Nov. 26.
Horn, Signal. C. C. Farmer. 2,198,026; Apr. 23.
Horn unit and mounting thereof. L. M. Wiley. 2,193,544; Mar. 12.
Horoscope unit for dispensing machines. V. F. Slezak. 2,188,615; Jan. 30.
Horseshoe pad, Elastic. D. B. Slack. 2,191,834; Feb. 27.
Horticultural beds with heat-producing fertilizer, Making heated. K. Petersen. 2,216,500; Oct. 1.
Hose and coupling structure. A. D. Maclachlan. 2,219,047; Oct. 22.
Hose and pipe coupling. P. Hirsch. 2,219,266; Oct. 22.
Hose and reel means, Fluid supply. T. E. Purcell and I. E. Church. 2,191,728; Feb. 27.
Hose and the like, Making. A. Harrison. 2,226,768; Dec. 31.
Hose attachment. L. F. and H. E. Sorg. 2,185,741; Jan. 2.
Hose attachment for washing machines. A. H. Gerhardt. 2,213,698; Sept. 3.

Hose clamp. F. L. Darling. 2,205,347; June 18.
Hose clamp. M. J. McAneny, Jr. 2,192,979; Mar. 12.
Hose clamp. R. M. Spencer. 2,208,706; July 23.
Hose connection. W. N. Bagley. 2,197,914; Apr. 23.
Hose connection, Air. J. J. Nelson. 2,191,579; Feb. 27.
Hose construction. J. H. Phillips. 2,200,967; May 14.
Hose coupling. F. T. Christian. 2,225,610; Dec. 24.
Hose coupling. A. A. Forsberg. 2,220,480; Nov. 5.
Hose coupling. M. H. Joseph. 2,211,978; Aug. 20.
Hose coupling. M. Katcher. 2,188,006; Jan. 23.
Hose coupling. A. N. Troshkin. 2,211,446; Aug. 13.
Hose coupling, Air. H. Stholberg. 2,199,143; Apr. 30.
Hose coupling attaching apparatus. M. J. Goldberg. 2,211,008; Aug. 13.
Hose coupling construction. J. C. Schellin and E. J. Housekeeper. 2,224,610; Dec. 10.
Hose coupling construction, Rotary. R. B. Goodall. 2,220,785; Nov. 5.
Hose coupling made in one unit, Quick attachable and detachable. H. A. Sharon. 2,226,914; Dec. 31.
Hose, Flexible metallic. S. Guarnaschelli. 2,187,347; Jan. 16.
Hose holder. W. R. Kirsten. 2,189,364; Feb. 6.
Hose holder. O. A. Parker. 2,192,649; Mar. 5.
Hose nozzle support. A. Ritzinger and A. S. Olsen. 2,219,400; Oct. 29.
Hose reel. W. Brown. 2,216,384; Oct. 1.
Hose reel. R. Liley. 2,193,288; Mar. 12.
Hose retriever. H. C. Sommer. 2,191,973; Feb. 27.
Hosiery. R. E. Davis, Jr. 2,223,719; Dec. 3.
Hosiery. J. L. Lesher. 2,220,803; Nov. 5.
Hosiery. J. W. Mettler, J. H. Miller, and R. Evans. 2,213,529; Sept. 3.
Hosiery. T. J. Wallner. 2,220,560; Nov. 5.
Hosiery and making the same. D. J. Harris. 2,217,272–3; Oct. 8.
Hosiery blank. H. Höppner. 2,226,342; Dec. 24.
Hosiery drying apparatus. T. W. Prosser. 2,219,373; Oct. 29.
Hosiery, Full-fashioned. J. E. Quinn. 2,219,790; Oct. 29.
Hosiery knitting frame. F. Tesse. 2,222,918; Nov. 26.
Hosiery, Method and means for looping. J. A. Pons. 2,191,288; Feb. 20.
Hosiery, Proteinized. O. Kress and C. E. Johnson. 2,192,919; Mar. 12.
Hosiery, Surgical. A. R. Bell. 2,218,413; Oct. 15.
Hosiery testing apparatus. O. M. Reitan. 2,187,914; Jan. 23.
Hosiery with elastic section. O. H. Pons. 2,225,277; Dec. 17.
Hosiery with external welts incorporating elastic yarn. J. D. Rambo. 2,223,808; Dec. 3.
Hot air furnace. W. S. Anderson, Jr., and G. I. Staber. 2,215,519; Sept. 24.
Hot air furnace. C. Lengyel. 2,212,666; Aug. 27.
Hot air gun. J. C. McMurray. 2,212,694; Aug. 27.
Hot air heater. R. M. Joyce. 2,195,957; Apr. 2.
Hot air heater. G. J. Uckotter. 2,215,236; Sept. 17.
Hotbed frame. E. P. Leeper. 2,223,996; Dec. 3.
Hot box. H. L. Jarnagin. 2,198,037; Apr. 23.
Hot food table. W. H. C. Ness and M. L. Silverstone. 2,207,814; July 16.
Hot melt. H. R. Dittmar. 2,211,689; Aug. 13.
Hot metal car. S. W. Randolph. 2,205,154; June 18.
Hot water heater. S. N. Bobo. 2,227,293; Dec. 31.
Hot water heater. H. D. Sterick. 2,195,878; Apr. 2.
House, Collapsible paperboard. F. Mallgraf. 2,190,721; Feb. 20.
House model. F. Bolhuis. 2,214,987–8; Sept. 17.
Household article. H. L. Forgaard. 2,196,450; Apr. 9.
Household cabinet. P. L. Cimini. 2,190,652; Feb. 20.
Household implement. K. Richter. 2,186,430; Jan. 9.
Houses, Building. C. H. Hermodsson. 2,217,115; Oct. 8.
Housing, Electrical relay. H. L. Van Valkenburg. 2,224,239; Dec. 10.
Housing, Explosionproof switch. C. A. Hardage. 2,194,549; Mar. 26.
Housing for buffing wheels and the like. C. A. McElevey. 2,225,225; Dec. 17.
Housing for containers. J. J. Pelouch. 2,212,749; Aug. 27.
Housing for gaseous-discharge lamps, Terminal. R. Marone. 2,208,812; July 23.
Housing for locomotive stokers, Door. W. T. Hanna. 2,187,495; Jan. 16.
Housing for railway hand brakes. E. E. Van Cleave. 2,210,740; Aug. 6.
Housing for small animals, Sanitary multiple. B. L. Oser. 2,186,120; Jan. 9.
Housing for Venetian blind operating mechanism. F. E. Lawson. 2,187,458; Jan. 16.
Housing, Mill. A. S. Villasuso. 2,199,297; Apr. 30.
Housings, Method and apparatus for straightening. A. Arutunoff. 2,205,783–4; June 25.
Hub and blade structure, Fan. E. Newnham. 2,212,072; Aug. 20.
Hub brake. S. B. Kurzina, Jr. 2,215,965; Sept. 24.
Hub brake, Backpedaling. W. L. McGrath and E. E. Hood. 2,215,970; Sept. 24.
Hub cap lock. F. A. Smith. 2,217,775; Oct. 15.
Hub construction for variable pitch propellers. R. J. Ruths and H. L. Dodson. 2,208,602; July 23.
Hub, Freewheeling. F. W. Schwinn. 2,211,548; Aug. 13.
Hub, Shock absorber. J. R. Eaid. 2,187,938; Jan. 23.
Hubs, Forming automobile steering wheel. H. A. Husted. 2,196,731; Apr. 9.
Hull construction for ships. G. Schnadel. 2,219,082; Oct. 22.
Hull construction of a boat. J. A. Johnson. 2,185,555; Jan. 2.
Hull, High speed displacement type. W. S. Burgess. 2,185,430–1; Jan. 2.
Huller, Walnut. W. C. Anderson. 2,187,994; Jan. 23.
Hum reduction. R. B. Dome. 2,223,206; Nov. 26.
Humidification, Selective. R. F. Eshleman. 2,207,998; July 16.
Humidifier. E. S. Cornell, Jr. 2,187,645; Jan. 16.
Humidifier. E. J. Gardner. 2,187,778; Jan. 23.
Humidifier. K. A. Harmon. 2,189,003; Feb. 6.
Humidifier. G. A. Hendey. 2,212,439; Aug. 20.
Humidifier. R. C. Kocher. 2,193,370; Mar. 12.
Humidifier. C. J. Miller. 2,217,375; Oct. 8.
Humidifier. R. H. Shaw and E. E. Watson. 2,213,851; Sept. 3.
Humidifier. F. W. Stilwell. 2,198,890; Apr. 30.
Humidifier and filter, Combination. J. G. Dicaire. 2,220,710; Nov. 5.
Humidifier, Automatic. C. M. Weeks. 2,212,996; Aug. 27.
Humidifier for mechanical refrigerators. R. H. Tull. 2,209,431; July 30.
Humidifier system. H. M. Marsh. 2,213,167; Aug. 27.
Humidifying apparatus. J. P. Milar. 2,220,578; Nov. 5.
Humidifying device. R. E. Laidley. 2,219,959; Oct. 29.
Humidifying device for internal combustion engines. E. Niethamer. 2,218,653; Oct. 22.
Humidifying valve. L. W. Hoyt. 2,227,137; Dec. 31.
Humidity controller. J. M. Larson. 2,203,534–5; June 4.
Humidostat. B. E. Shaw. 2,198,131; Apr. 23.
Humidostat and like devices. C. A. Otto. 2,204,047; June 11.
Hurdle. I. G. Hanke. 2,191,253; Feb. 20.
Hurdle, Track. H. L. Gill. 2,206,501; July 2.
Hush tube. M. J. Hyman. 2,192,498; Mar. 5.
Husking machine improvement. J. Digre. 2,217,945; Oct. 15.
Hydrant, Fire. H. J. M. Burdick. 2,200,770; May 14.
Hydrant, Wall. S. D. Martin. 2,210,986; Aug. 13.
Hydrant with automatic valve, Concealed. C. S. Steelman. 2,217,712; Oct. 15.
Hydraulic actuating means. R. M. Nardone. 2,205,046; June 18.
Hydraulic apparatus. J. H. Kerber. 2,187,036; Jan. 16.
Hydraulic apparatus for operating machine tools and the like. W. P. Muir. 2,223,792; Dec. 3.
Hydraulic brake. G. F. Chard. 2,189,134; Feb. 6.
Hydraulic brake. T. P. Chase. 2,219,765; Oct. 29.
Hydraulic brake. T. D. Fussell, Jr. 2,197,452; Apr. 16.
Hydraulic brake. F. H. Holz. 2,208,074; July 16.
Hydraulic brake. H. E. Marsh. 2,225,069; Dec. 17.
Hydraulic brake. M. L. Masteller. 2,188,913; Feb. 6.
Hydraulic brake. M. L. Masteller. 2,209,343; July 30.
Hydraulic brake. E. J. Nachtwey. 2,186,264; Jan. 9.
Hydraulic brake. H. W. Nothiger. 2,208,042; July 16.
Hydraulic brake. M. Olley. 2,219,786; Oct. 29.
Hydraulic brake coupling. L. Van Deren. 2,202,070; May 28.
Hydraulic circuit. W. Ernst, G. M. Geiger, and W. R. Tucker. 2,211,370; Aug. 13.
Hydraulic circuit. G. A. Wahlmark. 2,214,389; Sept. 10.
Hydraulic clutch. A. Ashton. 2,197,063; Apr. 16.
Hydraulic clutch. E. A. Corbin, Jr. 2,196,203; Apr. 9.
Hydraulic clutch. J. W. Cumbus. 2,195,619; Apr. 2.
Hydraulic clutch. A. Y. Dodge. 2,200,596; May 14.
Hydraulic clutch. E. E. Wemp. 2,205,054; June 18.
Hydraulic control. G. E. Barnhart. 2,204,649; June 18.
Hydraulic control apparatus. H. O. Day. 2,210,144; Aug. 6.
Hydraulic control device. W. G. Baldenhofer. 2,216,800; Oct. 8.
Hydraulic control means for automatically stabilizing electric current load. F. C. Stevey. 2,213,352; Sept. 3.
Hydraulic control mechanism. R. C. Lamond. 2,203,097; June 4.
Hydraulic control system. H. F. Lawrence. 2,221,313; Nov. 12.
Hydraulic control system. P. N. Oberholtzer. 2,210,427; Aug. 6.
Hydraulic control system. J. B. Parsons. 2,216,518; Oct. 1.
Hydraulic control valve. A. A. Trambly. 2,221,462; Nov. 12.
Hydraulic control valve. O. G. Tweddell. 2,223,136; Nov. 26.
Hydraulic cooler. E. B. Korth. 2,217,868; Oct. 15.
Hydraulic coupling. W. Fraser. 2,204,261; June 11.
Hydraulic coupling, Variable-speed. N. L. Alison. 2,187,069; Jan. 16.
Hydraulic device. H. Thoma. 2,193,118; Mar. 12.
Hydraulic device for presses, Auxiliary. H. F. MacMillin. 2,201,443; May 21.
Hydraulic device for transmitting movement. R. S. de Lavaud. 2,187,937; Jan. 23.
Hydraulic disruption of solids. W. F. Court. 2,217,360; Oct. 8.
Hydraulic door operating device. H. C. Crane. 2,212,998; Aug. 27.

Hydraulic feed for power driven hack saws. O. M. Jensen, F. T. Wruk, and T. W. Whitley. 2,202,256; May 28.
Hydraulic flow, Increasing the range of. G. V. Anderson. 2,206,524; July 2.
Hydraulic fluid. J. C. Woodhouse. 2,205,183; June 18.
Hydraulic governing apparatus. A. F. Schwendner. 2,224,321; Dec. 10.
Hydraulic jack. T. C. Pomeroy. 2,211,479; Aug. 13.
Hydraulic jack. J. S. Rothery. 2,214,440; Sept. 10.
Hydraulic jack, Folding automatic. J. Halley. 2,194,594; Mar. 26.
Hydraulic jolt machine. H. E. Fellows. 2,198,078; Apr. 23.
Hydraulic keel bender indicator. J. O. Holmberg. 2,209,332; July 30.
Hydraulic lifting device for vehicles, Automatic. E. G. B. De Manghi. 2,212,591; Aug. 27.
Hydraulic lock, Manually operated. D. R. Dimick. 2,221,044; Nov. 12.
Hydraulic machine for molding glass articles. J. P. Benoit, C. C. Kinker, R. G. Allen, H. A. Rohrich, and C. W. Schreiber. 2,225,898; Dec. 24.
Hydraulic machine for molding glass articles. J. B. Hawley, Jr., I. Nelson, D. F. Hallberg, and E. Cannon. 2,225,631; Dec. 24.
Hydraulic machine tool. P. S. Jackson. 2,223,038; Nov. 26.
Hydraulic mechanism. R. O. Eaton. 2,208,451; July 16.
Hydraulic mechanism for determining the path of movement of a tool or other element. C. C. Richard. Re. 21,544; Aug. 27.
Hydraulic metal extrusion press. L. Loewy. 2,214,734; Sept. 17.
Hydraulic molding press. J. Lauterbach. 2,227,265; Dec. 31.
Hydraulic motor. F. A. Gruetjen. 2,192,402; Mar. 5.
Hydraulic motor. G. S. Light. 2,222,819; Nov. 26.
Hydraulic operating device. J. M. Evans. 2,187,513; Jan. 16.
Hydraulic operating device. J. M. Evans, O. V. Cardinal, and S. M. Nampa. 2,193,125; Mar. 12.
Hydraulic operator. T. W. Driesch. 2,211,598; Aug. 13.
Hydraulic operator. D. R. Hillis. 2,191,888; Feb. 27.
Hydraulic operator. G. J. Thomas. 2,203,754; June 11.
Hydraulic power unit. E. M. Pfauser. 2,214,257; Sept. 10.
Hydraulic press. R. W. Dinzl. 2,189,858; Feb. 13.
Hydraulic press. R. W. Dinzl. 2,190,755; Feb. 20.
Hydraulic press. R. W. Dinzl. 2,205,791; June 25.
Hydraulic press. J. V. Giesler. 2,217,799; Oct. 15.
Hydraulic press. J. Maynard. 2,187,385; Jan. 16.
Hydraulic press. A. A. Norin and A. M. Olson. 2,188,956; Feb. 6.
Hydraulic press. J. A. Perony. 2,197,441; Apr. 16.
Hydraulic press. C. F. Schnuck. 2,200,998; May 14.
Hydraulic pump. J. Dauster. 2,188,035; Jan. 23.
Hydraulic pump. E. S. Emmons. 2,185,727; Jan. 2.
Hydraulic pump jack. J. H. Suter. 2,185,448; Jan. 2.
Hydraulic remote control. W. Stelzer. 2,185,277; Jan. 2.
Hydraulic rod-line jack. C. D. Hall and E. A. Morse. 2,209,885; July 30.
Hydraulic shock absorber. J. Mercier. 2,212,922; Aug. 27.
Hydraulic swivel connector. G. E. Barnhart. 2,201,976; May 28.
Hydraulic system. W. H. Spire. 2,193,497; Mar. 12.
Hydraulic system and control. W. Ernst. 2,190,939; Feb. 20.
Hydraulic transmission. J. B. Davis. 2,196,522; Apr. 9.
Hydraulic transmission. W. Ferris. 2,205,647; June 25.
Hydraulic transmission. E. L. Rose. 2,226,481; Dec. 24.
Hydraulic transmission gear. B. Bischof. 2,220,636; Nov. 5.
Hydraulic transmission gear. W. Christlein. 2,200,157; May 7.
Hydraulic transmission mechanism. L. Gaddoni. 2,207,538; July 9.
Hydraulic valve lifter. E. W. Baxter. 2,187,008; Jan. 16.
Hydraulically actuated devices, Controlling. H. Rebeski. 2,221,150; Nov. 12.
Hydraulically operated clutch. C. E. Geiser. 2,190,542; Feb. 13.
Hydrazines and preparing same. M. Schmid. 2,195,790; Apr. 2.
Hydrazines and preparing the same. M. Schmid. 2,195,789; Apr. 2.
Hydrindene and alpha- and beta-truxene, Production of. E. Dietzel. 2,216,001; Sept. 24.
Hydrocarbon burner. J. L. Breese. 2,187,261; Jan. 16.
Hydrocarbon burner. J. F. Hirtz and R. C. Jepertinger. 2,220,603; Nov. 5.
Hydrocarbon burner. G. Pirich. 2,198,485; Apr. 23.
Hydrocarbon composition, Polymerized. M. Pier and F. Christmann. 2,197,768; Apr. 23.
Hydrocarbon compositions, Unsaturated. F. Rostler and V. Mehner. 2,217,919; Oct. 15.
Hydrocarbon compounds with gaseous chlorine and sulphur dioxide, Reaction of. A. L. Fox, C. O. Henke, W. H. Lockwood, and J. M. Tinker. 2,202,791; May 28.
Hydrocarbon, Conversion of. J. C. Morrell and A. V. Grosse. 2,212,035; Aug. 20.
Hydrocarbon conversion process and apparatus therefor. R. L. Rude. 2,217,636; Oct. 8.
Hydrocarbon copolymer composition. P. J. Wiezevich. 2,213,423; Sept. 3.
Hydrocarbon cracking process. J. Happel and G. W. Robbins. 2,226,097; Dec. 24.
Hydrocarbon distillate, Refining a low boiling. J. G. Butz. 2,222,400; Nov. 19.
Hydrocarbon distillates, Refining light. H. R. Batchelder and B. H. Shoemaker. 2,190,007; Feb. 13.
Hydrocarbon distillates, Stabilization of light. R. B. Rathbun. 2,208,105; July 16.
Hydrocarbon distillates, Sweetening of. B. A. Frolov. 2,213,801; Sept. 3.
Hydrocarbon distillates, Treating. C. Wirth, III. 2,220,697; Nov. 5.
Hydrocarbon distillates, Treatment of. H. B. Cooke. 2,188,075; Jan. 23.
Hydrocarbon emulsions, Resolution of. W. O. Mitscherling. 2,188,269; Jan. 23.
Hydrocarbon fluids, Pyrolysis of. H. C. Schutt. 2,197,197; Apr. 16.
Hydrocarbon fluids, Treating. H. V. Atwell. 2,213,114; Aug. 27.
Hydrocarbon fluids, Treating. W. W. Gary. 2,224,631; Dec. 10.
Hydrocarbon into gaseous fuel, Converting liquid. J. T. Cook. 2,201,965; May 21.
Hydrocarbon material, Treatment of heavy. E. J. Houdry. 2,187,741; Jan. 23.
Hydrocarbon material with light hydrocarbons, Extraction of. W. K. Lewis and J. M. Whiteley. 2,202,389; May 28.
Hydrocarbon mixtures, Cracking. M. Pier and F. Christmann. 2,203,470; June 4.
Hydrocarbon mixtures, Separating. C. E. Andrews. and M. R. Fenske. 2,201,821–2; May 21.
Hydrocarbon mixtures, Separating. C. E. Andrews and M. R. Fenske. 2,220,619; Nov. 5.
Hydrocarbon mixtures, Separating. E. Bösing. 2,208,534; July 16.
Hydrocarbon mixtures, Treating. G. E. Saleh. 2,199,841; May 7.
Hydrocarbon oil. C. M. Loane. 2,212,644; Aug. 27.
Hydrocarbon-oxygen compounds, Production of. J. C. Walker. 2,186,688; Jan. 9.
Hydrocarbon, Producing synthetic. J. E. Harvey, Jr. 2,191,466; Feb. 27.
Hydrocarbon products by hydrogenation of carbon oxides, Manufacture of. W. E. Currie. 2,209,190; July 23.
Hydrocarbon products by the extraction of carbonaceous materials, Production of valuable. M. Pier and E. Donath. 2,215,190; Sept. 17.
Hydrocarbon products, Conversion of. B. L. Evering and G. G. Lamb. 2,220,090–2; Nov. 5.
Hydrocarbon products, Treatment of liquid. H. Dreyfus. 2,213,272; Sept. 3.
Hydrocarbon reactions. A. V. Grosse. 2,216,274; Oct. 1.
Hydrocarbon reactions. V. N. Ipatieff and H. Pines. 2,199,564; May 7.
Hydrocarbon reactions, Controlling vapor phase. C. S. Fazel. 2,215,498; Sept. 24.
Hydrocarbon synthesis. R. E. Burk. 2,197,257; Apr. 16.
Hydrocarbon vapor mixtures, Fractionation of. G. L. Eaton. 2,221,702; Nov. 12.
Hydrocarbons, Alkylation of. E. F. Pevere, L. A. Clarke, and G. B. Hatch. 2,223,938; Dec. 3.
Hydrocarbons, Alkylation of aromatic. J. L. Amos, J. L. Williams, and H. S. Winnicki. 2,222,012; Nov. 19.
Hydrocarbons and making same, Sulphurized dihydropolycyclic aromatic. P. L. Magill. 2,202,501; May 28.
Hydrocarbons, Art of heating. E. C. Herthel and T. B. Kimball. 2,194,500; Mar. 26.
Hydrocarbons, Catalytic condensation of. W. Mendius. 2,225,347; Dec. 17.
Hydrocarbons, Catalytic condensation of. R. D. Pinkerton and W. Mendius. 2,212,952; Aug. 27.
Hydrocarbons, Catalytic conversion of. W. E. Forney. 2,216,470; Oct. 1.
Hydrocarbons, Catalytic conversion of. R. Pÿzel and C. G. Gerhold. 2,210,257; Aug. 6.
Hydrocarbons, Catalytic conversion of gaseous. B. Malishev. 2,188,057; Jan. 23.
Hydrocarbons, Catalytic dehydrogenation of. V. Komarewsky. 2,203,826; June 11.
Hydrocarbons, Catalytic dehydrogenation of. J. C. Morrell and A. V. Grosse. 2,212,034; Aug. 20.
Hydrocarbons, Catalytic reaction of. A. Wassermann. 2,224,071; Dec. 3.
Hydrocarbons, Chlorinated aromatic. A. A. Levine and O. W. Cass. 2,193,823; Mar. 19.
Hydrocarbons, Combination polymerization and alkylation of. A. R. Goldsby and C. W. Watson. 2,211,747; Aug. 13.
Hydrocarbons, Conversion of. H. V. Atwell. 2,188,638; Jan. 30.
Hydrocarbons, Conversion of. H. V. Atwell. 2,193,798–9; Mar. 19.
Hydrocarbons, Converting. H. V. Atwell. 2,193,797; Mar. 19.
Hydrocarbons, Conversion of. D. G. Brandt. 2,217,587; Oct. 8.
Hydrocarbons, Conversion of. D. Eastman and C. Richker. 2,218,024; Oct. 15.

Hydrocarbons, Conversion of. A. V. Grosse. Re. 21,486; June 25.
Hydrocarbons, Conversion of. A. V. Grosse. Re. 21,588; Oct. 1.
Hydrocarbons, Conversion of. L. C. Huff. 2,218,578; Oct. 22.
Hydrocarbons, Conversion of. F. W. Leffer. 2,203,829; June 11.
Hydrocarbons, Conversion of. J. C. Morrell. Re. 21,464; May 28.
Hydrocarbons, Conversion of. J. C. Morrell. Re. 21,466; May 28.
Hydrocarbons, Conversion of. J. C. Morrell and A. V. Grosse. Re. 21,465; May 28.
Hydrocarbons, Conversion of. J. C. Morrell and A. V. Grosse. Re. 21,467; May 28.
Hydrocarbons, Conversion of. A. E. Pew, Jr. 2,197,007; Apr. 16.
Hydrocarbons, Conversion of. L. C. Rubin. 2,198,180; Apr. 23.
Hydrocarbons, Conversion of. R. F. Ruthruff. 2,189,655; Feb. 6.
Hydrocarbons, Conversion of. H. Tropsch. 2,203,850; June 11.
Hydrocarbons, Conversion of. M. P. Youker. 2,189,645; Feb. 6.
Hydrocarbons, Conversion of higher boiling. A. E. Pew, Jr. 2,197,009; Apr. 16.
Hydrocarbons, Converting. F. E. Frey, P. V. McKinney, and W. H. Wood. 2,198,937; Apr. 30.
Hydrocarbons, Cracking. O. G. Kaasa. 2,212,565; Aug 27.
Hydrocarbons, Cracking. H. V. Smith. 2,220,795; Nov. 5.
Hydrocarbons, Cracking or pressure hydrogenation of. M. Pier and W. Simon. 2,224,003; Dec. 3.
Hydrocarbons, Dehydrogenation of. L. Heard. 2,205,141; June 18.
Hydrocarbons, Deoxidizing. W. B. Plummer and M. H. Arneson. 2,190,043; Feb. 13.
Hydrocarbons, Desulphurization of. W. A. Schulze. 2,206,921; July 9.
Hydrocarbons from carbonmonoxide and hydrogen, Synthetical production of liquid. M. Steinschläger. 2,220,357; Nov. 5.
Hydrocarbons from distillate wells, Recovery of liquid. G. S. Bays. 2,212,143; Aug. 20.
Hydrocarbons from heavy hydrocarbons, Production of lower boiling. M. Pier, W. Simon, and W. Berger. 2,191,157; Feb. 20.
Hydrocarbons from petroleum oil, Manufacture of aromatic. J. W. Putt. 2,207,552; July 9.
Hydrocarbons in the carbonization of bituminus fuels or the like, Producing valuable. H. Koppers. 2,194,359; Mar. 19.
Hydrocarbons, Inhibiting gum formation in liquid. W. E. Lyons and W. S. Guthmann. 2,197,477; Apr. 16.
Hydrocarbons into higher molecular weight hydrocarbons, Conversion of lower molecular weight. A. R. Goldsby. 2,221,165; Nov. 12.
Hydrocarbons, Isomerization of. W. F. Engel. 2,208,362; July 16.
Hydrocarbons, Isomerization of paraffin. C. S. Lynch and J. E. Wood, III. 2,223,180; Nov. 26.
Hydrocarbons, Making unsaturated. F. Rostler and V. Mehner. 2,185,952; Jan. 2.
Hydrocarbons, Manufacture of. B. W. Whitehurst. 2,191,510; Feb. 27.
Hydrocarbons, Manufacture of alkylated isoparaffinic. A. L. Blount. 2,225,544; Dec. 17.
Hydrocarbons, Manufacture of gasolinelike. W. W. Gary and J. S. Carey. 2,190,624; Feb. 13.
Hydrocarbons, Manufacture of gasolinelike. P. C. Keith, Jr. 2,189,265; Feb. 6.
Hydrocarbons, Manufacture of halogenated. O. W. Cass. 2,218,018; Oct. 15.
Hydrocarbons, Manufacturing alkylated. W. E. Bradley. 2,201,823; May 31.
Hydrocarbons, Multistage catalytic conversion of. G. Egloff and C. L. Thomas. 2,214,455; Sept. 10.
Hydrocarbons, Nitrating. H. B. Hass and E. B. Hodge. 2,206,813; July 2.
Hydrocarbons, Nitration of aromatic. J. Meissner. 2,194,666; Mar. 26.
Hydrocarbons, Nuclear fluorinated vinyl aromatic. R. R. Freisbach. 2,226,809; Dec. 31.
Hydrocarbons of the diolefin series, Production of aliphatic. W. Friedrichsen and W. Fitzky. 2,218,640; Oct. 22.
Hydrocarbons of the gasoline type, Production of. J. C. Vlugter. 2,206,376; July 2.
Hydrocarbons, Oxidation of. W. H. King and C. Q. Sheely. 2,190,453; Feb. 13.
Hydrocarbons, Oxidation of. W. H. King and C. Q. Sheely. 2,215,472–4; Sept. 24.
Hydrocarbons, Oxidation of. W. H. King and C. Q. Sheely. 2,226,378; Dec. 24.
Hydrocarbons, Oxidation of substituted aromatic. P. Eaglesfield. 2,197,101; Apr. 16.
Hydrocarbons, Oxidizing paraffinic. H. Beller and J. J. Owen. 2,216,222; Oct. 1.
Hydrocarbons, Polymerization of. C. A. Kraus. 2,220,930; Nov. 12.
Hydrocarbons, Polymerization of. Le R. G. Story. 2,221,171; Nov. 12.
Hydrocarbons, Polymerization of unsaturated. R. M. Deanesly. 2,216,549; Oct. 1.
Hydrocarbons, Polymerizing olefin. W. E. Kuentzel and W. L. Webb. 2,221,000; Nov. 12.
Hydrocarbons, Preparation and separation of aromatic. C. R. Wagner. 2,222,128; Nov. 19.
Hydrocarbons, Producing. F. E. Frey and H. J. Hepp. 2,209,450; July 30.
Hydrocarbons, Producing a mixture of. E. Slatineanu. 2,213,415; Sept. 3.
Hydrocarbons, Production of. W. Herbert. 2,224,048–9; Dec. 3.
Hydrocarbons, Production of divinylated aromatic. H. M. Stanley, G. Minkoff, and J. E. Youell. 2,211,524; Aug. 13.
Hydrocarbons, Production of polymerized unsaturated. F. Rostler and V. Mehner. 2,185,951; Jan. 2.
Hydrocarbons, Production of valuable. N. K. Chaney. 2,226,531; Dec. 31.
Hydrocarbons, Products of. M. Pier, F. Christmann, A. Eisenhut, and W. Hirschberger. 2,189,924; Feb. 13.
Hydrocarbons, Purification of. W. R. Woods. 2,220,138; Nov. 5.
Hydrocarbons, Purification of halogenated. F. M. Clark. 2,205,187; June 18.
Hydrocarbons, Reaction of. M. M. Holm, E. H. Oakley, and R. L. Humphreys. 2,224,102; Dec. 3.
Hydrocarbons, Refining. H. C. Schutt. 2,187,631; Jan. 16.
Hydrocarbons, Reforming and polymerization of. P. Subkow. 2,201,306; May 21.
Hydrocarbons, Separation of. D. F. Babcock. 2,222,275; Nov. 19.
Hydrocarbons, Synthesis of chlorinated unsaturated. H. B. Kipper. 2,199,633; May 7.
Hydrocarbons to aromatic hydrocarbons, Conversion of diolefin. A. V. Grosse and W. J. Mattox. 2,217,012–4; Oct. 8.
Hydrocarbons to aromatic hydrocarbons, Converting acetylenic. A. V. Grosse and W. J. Mattox. 2,217,009–11; Oct. 8.
Hydrocarbons to cyclic hydrocarbons, Conversion of aliphatic. J. F. Clausen. 2,212,112; Aug. 20.
Hydrocarbons to phenols, Oxidation of. W. W. Moyer and W. C. Klingelhoefer. 2,223,383; Dec. 3.
Hydrocarbons, Treating. S. C. Fulton and T. Cross, Jr. 2,204,673; June 18.
Hydrocarbons, Treating. R. W. Henry and J. V. Montgomery. 2,196,989; Apr. 16.
Hydrocarbons, Treating. M. M. Holm and W. H. Shiffler. 2,186,021; Jan. 9.
Hydrocarbons, Treating. A. L. Lyman. 2,186,031; Jan. 9.
Hydrocarbons, Treating. H. Miller and J. L. Farrell. 2,189,016; Feb. 6.
Hydrocarbons, Treating. M. P. Youker. 2,225,814; Dec. 24.
Hydrocarbons, Treating monocyclic terpene. R. C. Palmer and C. H. Bibb. 2,211,432; Aug. 13.
Hydrocarbons, Treatment of. V. Ipatieff and H. Pines. 2,187,034; Jan. 16.
Hydrocarbons, Treatment of. V. Ipatieff and R. E. Schaad. 2,214,463; Sept. 10.
Hydrocarbons, Treatment of. V. N. Ipatieff and A. V. Grosse. 2,217,019; Oct. 8.
Hydrocarbons, Treatment of. V. Komarewsky. 2,212,026; Aug. 20.
Hydrocarbons, Treatment of. W. E. Kuhn. Re. 21,625; Nov. 19.
Hydrocarbons, Treatment of. W. E. Kuhn. 2,188,363; Jan. 30.
Hydrocarbons, Treatment of. G. S. Monroe and V. N. Ipatieff. 2,197,872; Apr. 23.
Hydrocarbons, Treatment of. J. C. Morrell. 2,202,115; May 28.
Hydrocarbons, Treatment of. J. C. Morrell and A. V. Grosse. 2,189,816; Feb. 13.
Hydrocarbons, Treatment of. D. L. Pennington and W. L. Benedict. 2,194,321; Mar. 19.
Hydrocarbons, Treatment of. R. Pyzel. 2,219,529; Oct. 29.
Hydrocarbons, Treatment of. L. W. Riggs. 2,222,489; Nov. 19.
Hydrocarbons, Treatment of. K. M. Watson. 2,220,696; Nov. 5.
Hydrocarbons with sulphur dioxide and chlorine and products thereof, Reaction of aliphatic. C. O. Henke and W. H. Lockwood. 2,197,800; Apr. 23.
Hydrocarbons with sulphur dioxide and chlorine, Countercurrent reaction of. W. H. Lockwood and J. L. Richmond. 2,193,824; Mar. 19.
Hydrochloric acid absorption. D. M. Hurt. 2,220,570; Nov. 5.
Hydrochloric acid, Production of. O. V. Tracy. 2,220,304; Nov. 5.
Hydrochloride composition, Rubber. E. Gebauer-Fuelnegg and E. W. Moffett. 2,201,034; May 14.
Hydroculture plant box. M. W. Swaney. 2,189,510; Feb. 6.
Hydrogen-cooled machine, Sectionalized. M. D. Ross. 2,210,686; Aug. 6.
Hydrogen fluoride treatment of rubber. E. C. Ladd and N. J. Rakas. 2,215,704; Sept. 24.

Hydrogen ion concentration by means of calcium salts of fermentable organic acids, Regulation of. D. A. Legg and H. R. Stiles. 2,223,788; Dec. 3.
Hydrogen-ion concentration, Determination of. E. G. Bennett. 2,192,123; Feb. 27.
Hydrogen, Making pure. A. R. Stryker. 2,200,607; May 14.
Hydrogen peroxide, Production of. H.-J. Riedl and G. Pfleiderer. 2,215,883; Sept. 24.
Hydrogen peroxide solutions, Storing and handling. J. S. Reichert and W. S. Hinegardner. 2,224,835; Dec. 10.
Hydrogen, Producing. M. Frankl. 2,202,374; May 28.
Hydrogen, Production of. W. H. Marshall, Jr. 2,198,560; Apr. 23.
Hydrogenation of olefin polymers. E. D. Pyzel. Re. 21,450; May 14.
Hydrogenation process. R. J. Byrkit, Jr. Re. 21,448; May 14.
Hydrogenation products of furfurol, Manufacture of. W. Rittmeister. 2,201,347; May 21.
Hydromechanical press. L. S. Hubbert. 2,204,413; June 11.
Hydromechanical press. W. Klocke. 2,224,968; Dec. 17.
Hydrometallurgical process. T. A. Campbell. 2,188,472; Jan. 30.
Hydrometer. C. E. Linebarger. 2,185,205; Jan. 2.
Hydrometer. H. W. Mitchell. Re. 21,648; Dec. 3.
Hydrometer. G. K. Porter. 2,195,339; Mar. 26.
Hydrometer and arrangement for remote control of liquids. E. M. Thielers, S. D. Vigren, and S. H. Käfsten. 2,198,351; Apr. 23.
Hydrometer, Thermo. L. Edelmann. 2,223,483; Dec. 3.
Hydrometric instrument. N. Chuy. 2,212,586; Aug. 27.
Hydrosulphites, Manufacture of. O. Nitzschke and U Kopsch. 2,193,323; Mar. 12.
Hydrotherapeutic massage bar. G. A. Stanzel. 2,225,240; Dec. 17.
Hydrovane, Retractable. H. E. Weihmiller. 2,214,945; Sept. 17.
Hydroxides from alkali metal chlorides, Manufacture of alkali metal. I. L. Clifford. 2,195,918; Apr. 2.
Hydroxy alkylamines and making same, Acid substituted. W. Kritchevsky. Re. 21,530; Aug. 13.
Hydroxyalkylamines, Manufacture of primary. H. M. Guinot. 2,196,554; Apr. 9.
Hydroxyphenyl arsinoxide sulphate and making it, Hydrated. B. F. Tuller. 2,222,383; Nov. 19.
Hydroxythioethers and producing same. C. Graenacher and R. Sallmann. 2,191,564; Feb. 27.
Hygienic device for telephone instruments, Sanitary. L. F. Richardson and V. J. Faulkner. 2,188,958; Feb. 6.
Hygienic stand. R. and C. H. Stewart, and C. B. Sloan. 2,220,617; Nov. 5.
Hygrometer. K. L. Tate and A. E. Irving. 2,224,618; Dec. 10.
Hygrometer operated switch. K. F. Schoew. 2,190,549; Feb. 13.
Hygroscopic liquids, Method and apparatus for reconcentrating. C. R. Downs and J. W. Spiselman. 2,222,561; Nov. 19.
Hypochlorites, Preparation of. I. E. Muskat and G. H. Cady. 2,225,923; Dec. 24.
Hypodermic unit. W. Erhard. 2,219,301; Oct. 29.
Hyposulphites, Production of. K. W. F. Dorph. 2,204,476; June 11.
Ice block forming and dispensing device. R. A. Bayne. 2,185,241; Jan. 2.
Ice blocking and trimming machine. J. J. Whisler. 2,196,541; Apr. 9.
Ice breaker. R. La Mere. 2,211,277; Aug. 13.
Ice breaking and rotary scarifier device. F. M. Hargrave and W. E. Maricle. 2,197,549; Apr. 16.
Ice carrying bag. R. R. Rockwell. 2,192,628; Mar. 5.
Ice color. F. Zwilgmeyer. 2,193,997; Mar. 19.
Ice cream cabinet. S. B. Ward. 2,187,002; Jan. 16.
Ice cream cone and process of making. G. W. Kennedy. 2,200,956; May 14.
Ice cream cone dispenser. D. Bereck. 2,221,466; Nov. 12.
Ice cream container. A. H. Rhody. 2,207,520; July 9.
Ice cream making apparatus. C. E. Rahauser. 2,226,979; Dec. 31.
Ice cream packing machine. G. A. Stonestreet. 2,195,942; Apr. 2.
Ice cream, Shaping of. H. Gothe. 2,214,325; Sept. 10.
Ice creeper. C. C. Beckel. 2,202,570; May 28.
Ice creeper. R. C. Rupp. 2,211,291; Aug. 13.
Ice crusher. J. M. Majewski, Jr. 2,213,166; Aug. 27.
Ice cube dispensing device for refrigerators. H. J. Rose and B. Eschenbach. 2,212,405; Aug. 20.
Ice cube remover. C. R. Carney. 2,203,892; June 11.
Ice cube remover. W. E. Gunion. 2,227,221; Dec. 31.
Ice-cubing apparatus. O. Schwimmer. 2,216,603–4; Oct. 1.
Ice-cubing apparatus. O. Schwimmer. 2,226,413; Dec. 24.
Ice freezing mold. R. M. Storer. 2,226,184; Dec. 24.
Ice handling apparatus. M. S. Jones. 2,197,581; Apr. 16.
Ice handling apparatus. M. S. Jones. 2,224,479; Dec. 10.
Ice-making apparatus. T. I. Potter. 2,220,001; Oct. 29.
Ice-making apparatus. T. I. Potter. 2,221,694; Nov. 12.
Ice making machine. S. R. Rodgers. 2,221,847; Nov. 19.
Ice manufacture. J. E. and W. V. Kelly. 2,194,600; Mar. 26.
Ice, Manufacture of conserving. P. Nitsche. 2,203,230; June 4.
Ice, Method and apparatus for freezing. B. F. Kubaugh. 2,200,424; May 14.
Ice pack. J. D. Bates. 2,211,636; Aug. 13.
Ice remover, Street. J. Kersten. 2,223,213; Nov. 26.
Ice saving machine. J. Duray. 2,186,012; Jan. 9.
Ice shaving machine. A. C. Gray. 2,191,756; Feb. 27.
Ice topping device. H. Y. Haggard. 2,217,051; Oct. 8.
Identification and recording device. E. W. Davis and A. H. Maynard. 2,204,577; June 18.
Identification card holder. T. Mungen. 2,213,449; Sept. 3.
Identification pull device for slide fasteners, Interchangeable. G. D. Knoess. 2,185,853; Jan. 2.
Identifier, Key operated. B. Cooper. 2,196,194; Apr. 9.
Idler for belt conveyers, Self-aligning. R. W. Parker. 2,225,276; Dec. 17.
Idler roll. J. J. Fairbairn and S. D. Robins. 2,207,790; July 16.
Igniter. L. R. Poschadel. 2,201,501; May 21.
Igniter. H. G. Shakespeare and W. G. Balz. 2,207,601; July 9.
Igniting device. H. W. Mitton. 2,224,406; Dec. 10.
Igniting device. P. D. Nielsen. 2,207,102; July 9.
Ignition and control device for burners, Safety. G. Herbster. 2,208,884; July 23.
Ignition apparatus. A. W. de Chard. 2,223,013; Nov. 26.
Ignition apparatus. H. B. Holthouse. 2,203,784; June 11.
Ignition apparatus. R. T. Hurley. 2,198,250; Apr. 23.
Ignition apparatus. E. B. Nowosielski. 2,217,232; Oct. 8.
Ignition apparatus. M. G. Weatherly. 2,210,644; Aug. 6.
Ignition apparatus for internal combustion engines. T. F. Robinson. 2,212,404; Aug. 20.
Ignition arch, Furnace. F. Cash. 2,186,521; Jan. 9.
Ignition circuit. D. W. Randolph. 2,203,579; June 4.
Ignition coil testing apparatus. B. Miller. 2,210,324; Aug. 6.
Ignition control apparatus. K. R. Blake. 2,196,693; Apr. 9.
Ignition control, Fluid fuel burner. I. E. McCabe. 2,220,257; Nov. 5.
Ignition device. C. R. Benton. 2,206,073; July 2.
Ignition device. O. L. Bock. 2,194,081; Mar. 19.
Ignition device. P. Piffath. 2,224,744; Dec. 10.
Ignition device, Electric. W. C. Selander. 2,210,266; Aug. 6.
Ignition distribution system. C. E. Swanson. 2,213,478; Sept. 3.
Ignition distributor. J. L. Arthur. 2,187,070; Jan. 16.
Ignition distributor. J. L. Arthur. 2,207,368; July 9.
Ignition distributor. K. Schweizer. 2,220,003; Oct. 29.
Ignition distributor. F. L. Van Damme. 2,205,074; June 18.
Ignition, Friction. J. R. Swan, Jr. 2,217,713; Oct. 15.
Ignition governor. R. H. Summers and C. Colvin. 2,192,957; Mar. 12.
Ignition means, Engine. W. L. Nawman. 2,222,440–1; Nov. 19.
Ignition means for gas heater. P. L. Betz. 2,221,667; Nov. 12.
Ignition means for oil burners. R. D. Schoenwetter. 2,204,450; June 11.
Ignition mechanism for engines. J. L. Doll and C. W. Rogers. 2,193,510; Mar. 12.
Ignition mixture. H. I. Etchells, Jr. 2,190,777; Feb. 20.
Ignition of direct current high voltage electric arcs. H. Meyer-Delius, L. Heer, and P. Baumann. 2,215,854; Sept. 24.
Ignition service coil. H. L. Hartzell. 2,211,060; Aug. 13.
Ignitron starter circuit. H. Klemperer. 2,222,620; Nov. 26.
Ignition switch. L. R. Cale. 2,202,043; May 28.
Ignition switch, Shock operated. B. B. White. 2,199,122; Apr. 30.
Ignition system. W. A. Bychinsky. 2,222,498; Nov. 19.
Ignition system. T. B. Holliday and C. S. Irvine. 2,219,317; Oct. 29.
Ignition system. V. E. McCarty. 2,189,913; Feb. 13.
Ignition system. H. Rabezzana and W. A. Bychinsky. 2,197,114; Apr. 16.
Ignitron system. J. Slepian. 2,210,690; Aug. 6.
Ignition system and magneto therefor. H. B. Holthouse. 2,205,561; June 25.
Ignition system, Electric. L. Darke. 2,221,509; Nov. 12.
Ignition system for automobiles, Polarity compensating. V. A. Carpenter. 2,195,612; Apr. 2.
Ignition system for gas stoves, Electrical. F. A. Camp. 2,212,875; Aug. 27.
Ignition system for internal combustion engines. W. C. Brinton. 2,220,440; Nov. 5.
Ignition system for internal combustion engines. A. Lefebvre. 2,215,106; Sept. 17.
Ignition system for internal combustion engines. C. S. Nadler and E. Kameny. 2,223,151; Nov. 26.
Ignition test device. G. Zitzmann. 2,2,13,297; Sept. 3.
Ignition tester for internal combustion engines. P. K. Kreiszl. 2,216,885; Oct. 8.

Ignition timer contacts, Method and apparatus for overcoming pitting of. H. L. Hartzell. 2,189,899; Feb. 13.
Illuminable attachment for automotive vehicles. A. A. Gonzalez. 2,196,915; Apr. 9.
Illuminated advertising sign. J. Kay. 2,211,015; Aug. 13.
Illuminated cabinet. H. H. Miller. 2,223,943; Dec. 3.
Illuminated container, Translucent internally. G. H. Meyerricks. 2,185,708; Jan. 2.
Illuminated display. F. A. Sunderhauf. 2,195,977; Apr. 2.
Illuminated illusory action device. J. R. Jackson. 2,212,642; Aug. 27.
Illuminated number sign. K. L. Rundberg. 2,225,961; Dec. 24.
Illuminated sign. J. A. Bergman. 2,216,261; Oct. 1.
Illuminated sign. A. H. Buckley. 2,198,590; Apr. 30.
Illuminated sign. W. H. Livingston. 2,192,712; Mar. 5.
Illuminated sign. L. R. Tschopp. 2,220,618; Nov. 5.
Illuminating adapter for instruments. G. V. Rylsky. 2,227,368; Dec. 31.
Illuminating and cooking means, Combined. E. C. Christ. 2,213,304; Sept. 3.
Illuminating apparatus. H. J. Dillon. 2,219,383; Oct. 29.
Illuminating apparatus. J. A. Van den Akker and P. Nolan. 2,206,521; July 2.
Illuminating device. O. Hallbauer. 2,218,395; Oct. 15.
Illuminating device. F. Illo. 2,201,093; May 14.
Illuminating device. O. Stam. 2,226,879; Dec. 31.
Illuminating device for handbags. E. W. Burns. 2,215,320; Sept. 17.
Illuminating device for picture projection purposes. E. May. 2,214,143; Sept. 10.
Illuminating device for pocketbooks. O. Hallbauer. 2,218,396; Oct. 15.
Illuminating device for telephones. W. C. Swalley and A. J. Lichtinger. 2,217,242; Oct. 8.
Illuminating fixture, Electric lighted. J. Levy. 2,225,401; Dec. 17.
Illuminating means for fountains. E. G. Trowbridge. 2,226,915; Dec. 31.
Illuminating means for navigating instruments. G. V. Rylsky. 2,221,152; Nov. 12.
Illuminating means for pianos and the like. W. Zaiser. 2,220,192; Nov. 5.
Illuminating system. R. Wendel. 2,210,391; Aug. 6.
Illumination, Artificial. W. Elenbaas. 2,200,951; May 14.
Illumination control system. R. L. Cooper. 2,192,673; Mar. 5.
Illumination control system. R. B. Hunter. 2,200,501; May 14.
Illumination, Controlling. W. H. Harrison. 2,207,919; July 16.
Illumination device. W. C. Eddy. 2,221,079; Nov. 12.
Illuminating device. J. McClain. 2,186,200; Jan. 9.
Illumination system. W. J. Mayer. 2,198,579; Apr. 23.
Illuminating system. K. Räntsch, L. Bertele, H. Sauer, and A. Merz. 2,186,123; Jan. 9.
Illumination means for handbags and the like. G. R. Fuss. 2,187,308; Jan. 16.
Illuminator. E. A. Neugass. 2,186,143; Jan. 9.
Illuminator, Automatic dial. M. J. Gerrells. 2,195,672; Apr. 2.
Illusion device. G. Solkover. 2,211,353; Aug. 13.
Image analysis. P. T. Farnsworth. 2,216,264; Oct. 1.
Image analyzing and dissecting tube. B. C. Gardner. 2,200,166; May 7.
Image converter tube. A. Rose. 2,213,180; Aug. 27.
Image dissector. P. T. Farnsworth. Re. 21,504; July 9.
Image dissector. P. T. Farnsworth. 2,216,265; Oct. 1.
Image-frequency suppression system. D. V. Sinninger. 2,188,964; Feb. 6.
Image-observing device, Variable. L. G. Simjian. 2,218,301; Oct. 15.
Image producing system, Electro-optical. W. A. Knoop. 2,195,864; Apr. 2.
Image reproduction. I. Langmuir. 2,198,479; Apr. 23.
Image, Revealable. J. H. Cahoon, L. P. Hall, and V. R. Peterson. 2,210,879; Aug. 13.
Image source. P. T. Farnsworth. 2,213,070; Aug. 27.
Images in colors, Obtaining in projection. C. Bocca and D. Rudatis. 2,189,751; Feb. 13.
Images, Method for scanning. H. Browde. 2,226,658; Dec. 31.
Images which are geometrically equivalent, applicable to photography and to cinematography, Production of. L. Planskoy. 2,204,049; June 11.
Imidazoline derivatives and making the same. R. R. Ackley. 2,200,815; May 14.
Imidazolines containing sulphuric acid radicals and preparing them. A. Chwala and E. Waldmann. 2,199,780; May 7.
Imidazolines, Manufacture of. E. Waldmann and A. Chwala. 2,215,861–4; Sept. 24.
Imidazolines, Preparing. G. Kränzlein and H. Bestian. 2,210,588; Aug. 6.
Immersion apparatus. J. Schappi. 2,204,775; June 18.
Immersion burner. A. V. Ritts and O. R. Olson. 2,204,051; June 11.
Impact machine, Variable speed. R. K. Haskell and H. C. Mann. 2,188,898; Feb. 6.
Impact plate. E. B. Symons. 2,223,584; Dec. 3.
Impact testing machine. H. Kudo. 2,200,028; May 7.
Impact tool. C. E. Fitch. 2,220,711; Nov. 5.
Impact tool. F. A. Jimerson. 2,196,589; Apr. 9.
Impact wrench. L. A. Amtsberg. 2,219,883; Oct. 29.
Impact wrench. C. E. Fitch. 2,219,865; Oct. 29.
Impact wrench. M. R. Hutchison, Jr. 2,212,919; Aug. 27.
Impact wrench. M. R. Hutchison, Jr. 2,219,869; Oct. 29.
Impedance inverter. W. van B. Roberts. 2,197,348; Apr. 16.
Impedance matching device. K. Schüssler. 2,213,054; Aug. 27.
Impedance measurements at high radio frequencies, Making. P. S. Carter. 2,191,271; Feb. 20.
Impedance network for coupling electric cable circuits. A. D. Blumlein. 2,204,721; June 18.
Impedance network, Uniform. H. A. Wheeler. 2,204,712; June 18.
Impeller. M. Laguzzi. 2,206,258; July 2.
Impeller for centrifugal pumps. F. B. Allen. 2,220,669; Nov. 5.
Implement attachment. G. D. Longman. 2,196,636; Apr. 9.
Implement for applying fluid and semi-paste materials. J. P. Nissen, Jr. 2,192,479; Mar. 5.
Implement handle. E. J. Sweetland. 2,205,769; June 25.
Implement hitch. E. H. Christensen. 2,201,660; May 21.
Implement lifting means. B. R. Benjamin. 2,221,751; Nov. 19.
Implement support, Adjustable. C. E. Nelson and E. Rusco. 2,226,572; Dec. 31.
Implement tripping device. G. P. Bentley and J. A. Peterson. 2,195,355; Mar. 26.
Impregnated product, Manufacturing an. P. Mahler. 2,227,312; Dec. 31.
Impregnating apparatus. G. Pickford and B. S. Lee. 2,222,630; Nov. 26.
Impregnating compositions, Producing. R. Kern. 2,187,858; Jan. 23.
Impression mechanism for printing presses. B. D. Stevens. 2,208,688; July 23.
Impression transmitting medium. G. G. Neidich. 2,217,349; Oct. 8.
Impressions in a definite relation to one another, Reproducing. W. D. Wiegand. 2,226,987; Dec. 31.
Impulse coupling. C. F. Reis. 2,185,818; Jan. 2.
Impulse direction finder. G. Ulbricht. 2,220,183; Nov. 5.
Impulse discriminating system. D. Hermann. 2,199,202; Apr. 30.
Impulse generating arrangement. H.-H. Wolff. 2,191,185; Feb. 20.
Impulse generator. W. Bruckmann. 2,221,573; Nov. 12.
Impulse generator. L. E. Norton. 2,188,611; Jan. 30.
Impulse-receiving system for direction finders. G. Ulbricht and R. Weber. 2,197,353; Apr. 16.
Impulse reception. P. Kotowski, S. H. Sonnenfeld, and G. Vogt. 2,223,995; Dec. 3.
Impulse repeater. W. Saville. 2,218,659; Oct. 22.
Impulse repeater, Mechanical. J. W. McClew and C. R. Woodland. 2,188,461; Jan. 30.
Impulse sender. H. P. Boswau. 2,225,680; Dec. 24.
Impulse sender. I. W. Cox. 2,207,506; July 9.
Impulse track circuit. D. W. Dower and A. W. Clark. 2,187,225; Jan. 16.
Impulse translating apparatus. R. R. Stevens. 2,225,488; Dec. 17.
Impulse transmitter for telemetering systems. F. B. Bristol. 2,214,159; Sept. 10.
Impulses and impulse generator, Generating. K. Schlesinger. 2,190,504; Feb. 13.
Impulses to a system, Imparting. R. R. R. Sarazin. 2,211,076; Aug. 13.
Impulsing mechanism, Power-driven. W. N. Ott. 2,199,443; May 7.
Incandescent and ultraviolet lamp, Combination. M. E. Macksoud. 2,189,508; Feb. 6.
Incandescont lamp. I. Brody. 2,227,294; Dec. 31.
Incandescent lamp. G. B. Davis. 2,211,884; Aug. 20.
Incandescent lamp. C. Spaeth. 2,218,345; Oct. 15.
Incandescent lamp. K. L. Wade. 2,191,189; Feb. 20.
Incandescent lamp, Double-walled electric. E. Gomonet. 2,188,945; Feb. 6.
Incandescent lamp, Electric. J. Bergmans, C. A. Lamberts and J. H. F. van Werd. 2,216,223; Oct. 1.
Incandescent lamp, Electric. W. H. Lund. 2,214,472; Sept. 10.
Incendiary body, Extinguishing an. C. L. Herbline. 2,195,171; Mar. 26.
Incineration of sewage sludge or the like waste materials. H. J. Hartley and D. Baird. 2,187,201; Jan. 16.
Incinerator. G. Anderson. 2,208,488; July 16.
Incinerator. G. R. Lewers. 2,222,673; Nov. 26.
Incinerator. O. B. Zimmerman. 2,194,490; Mar. 26.
Inclinometer. H. S. Davis. 2,193,862; Mar. 19.
Inclinometer. H. S. Davis. 2,214,122; Sept. 10.
Inclinometer. E. B. Donnell. 2,206,003; June 25.
Inclinometer. S. Fujimoto. 2,189,516; Feb. 6.
Inclinometer. D. B. Monroe. 2,205,729; June 25.
Inclinometer. G. V. Rylsky. 2,205,544; June 25.
Inclinometer, Photoelectric. J. D. Eisler. 2,208,147; July 16.
Incubator. C. W. Hirleman. 2,219,185; Oct. 22.
Incubator. D. O. Lager. 2,203,335; June 4.

Indenes and polymerization products thereof and preparing the same, Acylated. A. W. Ralston, R. J. Vander Wal, and S. T. Bauer. 2,197,710; Apr. 16.
Index and signal arrangement. R. C. Finch. 2,194,083; Mar. 19.
Index cabinet, Card. F. Link. 2,203,166; June 4.
Index card or pocket and marginal protecting strip therefor, Visible. F. L. W. Link. 2,225,503; Dec. 17.
Index, high viscosity oil compositions, High viscosity. C. N. Kimberlin. 2,202,801; May 28.
Index sheet. A. A. Tait. 2,203,511; June 4.
Index stand. C. F. Wolters. 2,220,189; Nov. 5.
Index strip. C. F. Wolters and R. M. Ellis. 2,201,950; May 21.
Index system, Card. H. A. Wardy. 2,207,501; July 9.
Index tab. L. A. Johnson and W. A. Doble, Jr. 2,210,411; Aug. 6.
Index tab or title protector. T. H. Krueger. Re. 21,558; Sept. 10.
Indexing and finding means for sound recording and reproducing machines. W. L. Woolf. 2,191,691; Feb. 27.
Indexing device. J. C. Ehrlich. 2,215,465–6; Sept. 24.
Indexing mechanism. L. O. Carlsen. 2,188,996; Feb. 6.
Indexing mechanism, Circular. S. J. Harley and G. Olah. 2,223,888; Dec. 3.
Indexing mechanism for rifling machines. F. O. Hoagland, 2,207,805; July 16.
Indexing systems, Selective. R. Stuart. 2,185,233; Jan. 2.
Indicating and control means for game apparatus. L. A. Durant. 2,192,596; Mar. 5.
Indicating and measuring instrument. J. A. L. Deters. 2,203,984; June 11.
Indicating and positioning system. W. E. Dueringer. 2,210,317; Aug. 6.
Indicating apparatus. C. S. Draper. 2,202,900; June 4.
Indicating apparatus. R. H. Gould. 2,189,107; Feb. 6.
Indicating apparatus. R. O. Hamill. 2,207,732; July 16.
Indicating apparatus for fuel tanks. D. D. Hogarth. 2,210,293; Aug. 6.
Indicating attachments for typewriters, Last line. A. D. Thomas. 2,212,463; Aug. 20.
Indicating bulletin board. W. B. Ward. 2,221,335; Nov. 12.
Indicating device. E. G. W. Dehmer. 2,222,284; Nov. 19.
Indicating device. J. Hencz. 2,205,775; June 25.
Indicating device. R. M. Hicks and M. L. Haselton. 2,189,581; Feb. 6.
Indicating device. C. Jolas and W. Stein. 2,208,263; July 16.
Indicating device. A. E. Rineer. 2,223,640; Dec. 3.
Indicating device. L. S. Williams. 2,198,714; Apr. 30.
Indicating device. L. S. Williams. 2,211,189; Aug. 13.
Indicating device. F. H. Willemain. 2,188,466; Jan. 30.
Indicating device. C. A. Woodward. 2,215,260; Sept. 17.
Indicating device for tuning mechanisms. F. W. Edwards. 2,190,059; Feb. 13.
Indicating electric lamp. G. E. Bidwell. 2,224,468; Dec. 10.
Indicating instrument. J. F. Duby. 2,190,866; Feb. 20.
Indicating instrument. R. C. Sylvander. 2,189,375; Feb. 6.
Indicating instrument. D. A. Young. 2,210,698; Aug. 6.
Indicating mechanism. J. W. Allen. 2,204,463; June 11.
Indicating mechanism. C. A. Lang. 2,216,036; Sept. 24.
Indicating mechanism. G. M. Spacher. 2,214,682; Sept. 10.
Indicating mechanism. W. F. Ridgway. 2,196,231; Apr. 9.
Indicating system. F. E. Strauss. 2,191,329; Feb. 20.
Indication and control apparatus. H. C. Eddy. 2,216,724; Oct. 8.
Indication for cash registers and accounting machines. W. D. Teague, W. D. Teague, Jr., and R. L. Nowland. 2,221,063; Nov. 12.

Indicator: *See*—
- Antifreeze solution indicator.
- Arc-back indicator.
- Automatic telephone indicator.
- Beat frequency indicator.
- Book support and line indicator.
- Call indicator.
- Cam position indicator.
- Card table trump indicator.
- Course and bearing indicator.
- Date indicator.
- Deviation indicator.
- Direction indicator.
- Down indicator.
- Drift indicator.
- Dust indicator.
- Eccentricity indicator.
- Electric direction indicator.
- Electric indicator.
- Electrical route indicator.
- Film footage indicator.
- Flow indicator.
- Frequency indicator.
- Fuel consumption indicator.
- Fuse indicator.
- Fuse integrity indicator.
- Headlight beam indicator.
- Heat indicator.
- Hydraulic keel bender indicator.
- Kitchen indicator.
- Light indicator.
- Line indicator.
- Liquid dispensing indicator.
- Liquid flow indicator.
- Liquid level indicator.
- Maximum demand indicator.
- Modulation indicator.
- Multiscale indicator.
- Order indicator.
- Overdrive indicator.
- Pattern indicator.
- Phase angle indicator.
- Phase difference indicator.
- Phase modulation indicator.
- Piezoelectric pressure indicator.
- Power factor indicator.
- Power level indicator.
- Propeller pitch indicator.
- Radio frequency drift indicator.
- Radio speed and drift indicator.
- Rate indicator.
- Rotation indicator.
- Scale and pointer indicator.
- Signal carrier indicator
- Speed indicator.
- Sterilizing indicator.
- Stroboscopic distant indicator.
- Surface speed indicator.
- Switch rating indicator.
- Temperature indicator.
- Time indicator.
- Tire indicator.
- Tire deflation indicator.
- Tire pressure indicator.
- Torque indicator.
- Travel data indicator
- Turn indicator.
- Vehicle indicator.
- Vehicle direction indicator.
- Vibration indicator.
- Visual tuning indicator.
- Water motor.

Indicator. A. H. Adams. 2,198,523; Apr. 23.
Indicator. J. T. Dickson. 2,199,784; May 7.
Indicator. L. E. Dodge. 2,200,917; May 14.
Indicator. W. M. R. Farmer. 2,189,631; Feb. 6.
Indicator. J. Handley. 2,207,252; July 9.
Indicator. D. S. Little. 2,216,952; Oct. 8.
Indicator and computing mechanism. H. H. Campbell. 2,220,863; Nov. 5.
Indicator for cartridge type fuses. W. C. Linton. 2,206,784; July 2.
Indicator for film handling apparatus, Feelable. J. Mihalyi. 2,213,741; Sept. 3.
Indicator for internal combustion engines, Electric pressure. W. J. D. van Dijck. 2,225,381; Dec. 17.
Indicator for lamp holders. W. R. Young and F. D. Bryant. 2,225,362; Dec. 17.
Indicator for motor vehicle lights. C. H. and W. E. Beebe. 2,223,201; Nov. 26.
Indicator for motor vehicles. M. Tibbetts. 2,211,182; Aug. 13.
Indicator for night driving of automobiles. M. L. Goldberg. 2,200,167; May 7.
Indicator for picture theatre programs. A. G. Gross. 2,217,902; Oct. 15.
Indicator for radio receivers, Distortion. J. L. H. Jonker. 2,197,341; Apr. 16.
Indicator for service equipment, Remote. L. L. Smalley. 2,198,923; Apr. 30.
Indicator for watt-hour meters, Magnetic. C. F. Whiteman and W. A. Halliday. 2,192,058; Feb. 27.
Indicator gauge attachment. A. L. Munson. 2,209,628; July 30.
Indicator or measuring means for knitting or other machines and method. R. H. Lawson. 2,207,464; July 9.
Indicator support. W. S. Pierce, Jr. 2,219,370; Oct. 29.
Indicator switch. W. J. Rogers. 2,191,205; Feb. 20.
Indicia bearing device. E. C. Rahn. 2,200,454; May 14.
Indole derivatives, Sulphonated. K. Engel. 2,204,544; June 18.
Inductance coil fitted with iron dust core. H. C. Hebard. 2,213,311; Sept. 3.
Inductance device, Adjustable. W. J. Polydoroff and M. J. Kirk. 2,213,326; Sept. 3.
Inductance device, Variable. J. W. Hammond. 2,220,446; Nov. 5.
Inductance mechanism, Variable. M. J. Kirk, F. N. Jacob, and J. C. McGinley. 2,216,370; Oct. 1.
Inductance mechanism, Variable. M. J. Kirk, F. N. Jacob, and J. C. McGinley. 2,226,822; Dec. 31.
Inductance, Variable. W. J. Polydoroff. 2,192,619; Mar. 5.
Induction apparatus. S. E. Leonard, Jr. 2,205,424; June 25.
Induction apparatus. C. G. S. Lindblom. 2,192,553; Mar. 5.
Induction heating method. R. N. Blakeslee, Jr., and H. G. Remmers. 2,223,507; Dec. 3.
Induction meter. S. Franck and G. Mohr. 2,208,415; July 16.
Induction motor. J. H. Schurch. 2,185,990; Jan. 2.
Induction motor. J. H. Schurch. 2,206,308; July 2.
Induction motor. J. H. Schurch. 2,219,702; Oct. 29.
Induction-motor braking. Q. Graham. 2,205,252; June 18.
Induction welding and heating, Apparatus for electric. F. L. Sessions. 2,209,637; July 30.
Inductor relay. H. W. Williams and D. H. Baum. 2,214,599; Sept. 10.
Inductor, Variable. J. P. Putnam. 2,201,453; May 21.
Industrial cutting tool. J. Jensen. 2,224,226; Dec. 10.
Industrial diamond wheel. J. H. L. De Bats. 2,216,908; Oct. 8.
Industrial washer. F. P. Bingman. 2,207,452; July 9.
Inertia device, Fluid type. E. P. Sexton. 2,225,716; Dec. 24.
Inertia operated switch. J. Dezzani. 2,216,364; Oct. 1.
Infant's bathing device. B. H. Kennedy. 2,203,222–3; June 4.
Infant's support. F. Notter. 2,193,374; Mar. 12.
Infection, Method of and apparatus for preventing. G. M. Fair and W. F. Wells. 2,198,867; Apr. 30.
Inflating device. K. Kowalkiewicz. 2,211,063; Aug. 13.
Inflation apparatus and control means therefor. M. L. Taylor. 2,217,299; Oct. 8.
Inflator, Automatic tire. C. W. Parker. 2,211,935; Aug. 20.
Information, Method of and apparatus for recording and disseminating. R. M. Hicks. 2,224,244; Dec. 10.

Information, Recording and classifying. C. H. Smith. 2,206,206; July 2.
Infrared images, Producing. R. H. George. 2,225,044; Dec. 17.
Infrared ray generator and communication system. M. Knoll. 2,222,668; Nov. 26.
Infusion apparatus. B. B. Holmes. 2,199,502; May 7.
Ingot cap. H. R. Belding. 2,190,392; Feb. 16.
Ingot car and stool. Combined. G. H. Jones and P. D. Nielsen. 2,212,689; Aug. 27.
Ingot furnace. A. Meyer. 2,214,234; Sept. 10.
Ingot mold. E. J. Kauffman. 2,221,947; Nov. 19.
Ingot positioning mold. E. J. Kauffman. 2,221,948; Nov. 19.
Ingot tong bit. S. A. Smith. 2,212,754; Aug. 27.
Ingots, Device for casting. F. K. West. 2,196,432; Apr. 9.
Ingots, Producing. E. Gathmann. 2,190,116; Feb. 13.
Ingots, Producing rimmed steel. J. W. Kinnear. 2,206,194; July 2.
Ingredient cabinet. M. A. Brockett. 2,201,152; May 21.
Inhalant device. R. L. Jones and E. A. Teter. 2,221,972; Nov. 19.
Inhalation apparatus. H. Lehmann. 2,202,701; May 28.
Inhalator. J. S. Herbert. 2,199,724; May 7.
Inhalator and irradiator, Combined. A. L. Miller. 2,213,403; Sept. 3.
Inhaler. L. N. Parks. 2,215,188; Sept. 17.
Inhaler, Nasal. A. C. Hoffman. 2,191,015–6; Feb. 20.
Inhibiting agent for gasoline and producing same. A. J. Shmidl and J. M. Smith. 2,213,596; Sept. 3.
Inhibitor. H. F. Merriam and G. W. Cupit, Jr. 2,217,874; Oct. 15.
Inhibitor. C. F. Prutton. 2,224,695; Dec. 10.
Inhibitor, Sleep. R. W. Young. 2,199,060; Apr. 30.
Inhibitors for lubricating oil compositions, Manufacturing. T. L. Cantrell and J. O. Turner. 2,226,336; Dec. 24.
Initial application. M. Chernow. 2,206,806; July 2.
Initial frame, Interchangeable. A. Del Sesto. 2,213,097; Aug. 27.
Initial holder. O. F. Placco. 2,207,704; July 16.
Initiator, Electric blasting. C. R. Johnson and R. R. Nydegger. 2,212,474; Aug. 20.
Injection chamber with fluid heat transfer medium. I. B. Lawyer. 2,198,703; Apr. 30.
Injection device for combustion engines. J. M. R. Retel. 2,225,019; Dec. 17.
Injection engine. H. H. Dietrich. 2,208,631; July 23.
Injection engine. A. W. Pope, Jr. 2,189,082; Feb. 6.
Injection molding apparatus. C. F. Burroughs. 2,202,140; May 28.
Injection molding device. E. R. Knowles. 2,227,263; Dec. 31.
Injection molding machine. G. W. Wacker. 2,198,713; Apr. 30.
Injector heater. J. C. White. 2,207,390; July 9.
Ink. C. T. Walter. 2,200,974; May 14.
Ink and making same, Printing. R. Bronsztajn. 2,185,181; Jan. 2.
Ink applicator. J. Jetté. 2,225,010; Dec. 17.
Ink dispensing device. A. D. Robinson. 2,201,455; May 21.
Ink drying machine. J. Schneider. 2,196,611; Apr. 9.
Ink, Drying printing. H. M. Hanson. 2,203,087; June 4.
Ink, Factice-containing printing. T. C. Whitner, Jr. 2,191,603; Feb. 27.
Ink feed, Fountain pen. E. O. Weigel, Sr. 2,192,513; Mar. 5.
Ink feed means for printing presses. O. G. Bushman. 2,188,219; Jan. 23.
Ink feeding device. J. Sinkovitz. 2,206,269; July 2.
Ink for writing on blueprints. R. N. Cook and H. C. Godbe. 2,208,288; July 16.
Ink fountain. C. S. Crafts. 2,224,217–18; Dec. 10.
Ink, Method and apparatus for drying printed. W. H. Brunkow. 2,205,391; June 25.
Ink, Method and apparatus for drying printing. F. O. Hess. 2,210,032; Aug. 6.
Ink, Method and apparatus for setting printing. C. P. Mann. 2,186,032; Jan. 9.
Ink or stain erasure. K. W. McPherson. 2,194,907; Mar. 26.
Ink, Printing. C. Ellis. 2,220,621; Nov. 5.
Ink, Printing. M. W. Johnson. 2,213,006; Aug. 27.
Ink, Printing. L. M. Larsen. 2,216,689; Oct. 1.
Ink, Quick-drying stamp-pad. C. E. Waters. 2,208,551; July 16.
Inkstand. L. W. Kendrick. 2,227,091; Dec. 31.
Inkstand. E. L. Pike. 2,195,678; Apr. 2.
Inkstand. G. J. Sengbusch. 2,188,962; Feb. 6.
Ink supply for signal recorders, Automatic. R. D. Hutchens. 2,214,636; Sept. 10.
Ink supply roller. A. J. Horton. 2,217,552; Oct. 8.
Ink supplying means. A. D. Robinson. 2,194,723; Mar. 26.
Ink, Synthetic resin printing. T. A. Martone and C. S. Rowe. 2,210,461; Aug. 6.
Ink, Synthetic rubber. A. B. Pöschel. 2,188,867; Jan. 30.
Inkwell. S. M. Gay. 2,213,465; Sept. 3.
Inkwell. E. R. Groo and J. I. Green. 2,190,780; Feb. 20.
Inkwell. J. D. Thompson. 2,225,490; Dec. 17.
Inkwell, Fountain. B. M. Morris. 2,188,828; Jan. 30.
Inking arrangement for printing machines. L. N. Peckham. 2,210,729; Aug. 6.
Inking arrangement of platen printing presses. F. S. Thompson. 2,203,848; June 11.
Inking device for a rotary duplicator. F. Nigra. 2,186,939; Jan. 16.
Inking device for printing machines. N. Andersson. 2,218,945; Oct. 22.
Inking mechanism. F. Lamatsch. 2,219,231; Oct. 22.
Inking mechanism. A. Taylor. 2,213,419; Sept. 3.
Inking mechanism for printing machines. C. Chisholm. 2,210,064; Aug. 6.
Inking mechanism for printing presses. H. M. Barber. 2,223,945; Dec. 3.
Inking mechanism for rotary steel plate printing machine. A. A. Wittnebel. 2,224,331; Dec. 10.
Inking pad. W. G. Mittag. 2,189,551; Feb. 6.
Inks and making same, Spirit printing. H. A. Lubs and C. K. Black. 2,200,069; May 7.
Inks, Drying printing. L. S. Engle. 2,197,145; Apr. 16.
Inks, Drying printing. E. Kienle. 2,208,587; July 23.
Inlaid work, Constructing. H. T. Long. 2,218,288; Oct. 15.
Inlay heater and ring. D. D. Mizzy and D. L. Durst. 2,188,915; Feb. 6.
Inlet for internal combustion engines, Auxiliary air. R. Cairns. 2,217,942; Oct. 15.
Inlet valve, Fresh air. H. B. Tracy. 2,194,878; Mar. 26.
Inner-spring unit for matteresses. A. Wesley. 2,192,463; Mar. 5.
Inner tubes, Making. H. C. Ickes. 2,214,903; Sept. 17.
Innoculant for leguminous plants, Bacterial. V. S. Bond. 2,200,532; May 14
Insect catcher. W. J. Gustke. 2,191,126; Feb. 20.
Insect catching machine. F. W. Grabe. 2,188,094; Jan. 23.
Insect deflector for automobiles. J. I. Hoag. 2,206,956; July 9.
Insect destoyer. J. R. Diffinbaugh. 2,202,445; May 28.
Insect destroyer. D. S. Karr. 2,219,743; Oct. 29.
Insect exterminating device. H. P. and A. T. Williams. 2,201,463; May 21.
Insect exterminator. E. R. Jowers. 2,186,868; Jan. 9.
Insect exterminator. J. L. Zalesky. 2,188,618; Jan. 30.
Insect exterminator and method of exterminating insects. E. L. Brown. 2,223,813; Dec. 3.
Insect repellent. P. Granett. 2,213,156; Aug. 27.
Insect repellent. W. H. Tisdale and I. Williams. 2,205,232; June 18.
Insect repellent. F. A. Waples. 2,224,622; Dec. 10.
Insect trap. G. N. Essex and J. R. McCarty. 2,209,945; July 30.
Insect trap. I. Richardson. 2,193,492; Mar. 12.
Insecticidal agent. H. A. Bruson. 2,204,009; June 11.
Insecticidal and fungicidal composition. A. L. Flenner, R. B. Flint, F. H. Kaufert, and L. Spiegler. 2,208,253; July 16.
Insecticidal composition. E. C. Britton, G. H. Coleman, and J. W. Zemba. 2,212,536; Aug. 27.
Insecticidal composition. E. C. Britton and F. B. Smith. 2,225,619; Dec. 24.
Insecticidal composition. C. D. Dolman. 2,195,696; Apr. 2.
Insecticidal composition. S. B. Heath and M. O. Keller. 2,210,929; Aug. 13.
Insecticidal composition. G. L. Hockenyos. 2,222,968; Nov. 26.
Insecticidal composition. W. H. Volck. 2,196,448; Apr. 9.
Insecticidal composition and preparing the same. G. L. Hockenyos. 2,197,500; Apr. 16.
Insecticidal emulsion composition. E. C. Britton. 2,210,894; Aug. 13.
Insecticidal materials from alkaloids and pectic acid, Preparation of. C. W. Wilson. 2,207,185; July 9.
Insecticidal spray. G. H. Coleman. 2,210,900; Aug. 13.
Insecticidal spray. J. W. Orelup. 2,190,673; Feb. 20.
Insecticide. C. V. Bowen. 2,224,243; Dec. 10.
Insecticide. T. S. Carswell. 2, 192,894; Mar. 12.
Insecticide. H. V. Claborn and L. E. Smith. 2,197,249; Apr. 16.
Insecticide. G. H. Coleman and C. L. Moyle. 2,217,673; Oct. 15.
Insecticide. F. W. Fletcher, G. E. Lynn, and F. B. Smith. 2,190,656; Feb. 20.
Insecticide. W. K. Griesinger. 2,212,519; Aug. 27.
Insecticide. W. F. Hester. 2,213,214–19; Sept. 3.
Insecticide. M. L. Hill and B. Ferguson, Jr. 2,192,347; Mar. 5.
Insecticide. H. D. Hively. 2,223,367; Dec. 3.
Insecticide. A. J. Kraus. 2,188,951; Feb. 6.
Insecticide. H. L. Morrill. 2,192,927; Mar. 12.
Insecticide. C. H. Peddrick, Jr. 2,203,744; June 11.
Insecticide. K. Pfaff and M. Erlenbach. 2,191,259; Feb. 20.
Insecticide. A. W. Ralston, J. Harwood, and E. W. Hopkins. 2,204,511; June 11.
Insecticide. M. S. Schechter and H. L. J. Haller. 2,189,570; Feb. 6.
Insecticide. M. S. Schechter and H. L. J. Haller. 2,200,564; May 14.
Insecticide. E. M. Shelton. 2,200,582; May 14.
Insecticide. L. E. Smith. 2,191,299–301; Feb. 20.
Insecticide. L. E. Smith. 2,226,672; Dec. 31.

Insecticide. H. von Philipp. 2,214,782; Sept. 17.
Insecticide. H. E. Whitmire. 2,204,197; June 11.
Insecticide, Agricultural. L. M. Christensen and H. Miller. 2,215,603; Sept. 24.
Insecticide and fumigant. W. Coltof. 2,217,358; Oct. 8.
Insecticide and fungicide. F. E. Dearborn. 2,201,103; May 14.
Insecticide and insect repellent. W. P. ter Horst and R. W. Eldridge. 2,197,624; Apr. 16.
Insecticide and its use, Organic. J. W. Swaine. 2,212,529; Aug. 27.
Insecticide and larvicide, Combined. J. M. Ginsburg. 2,202,148; May 28.
Insecticide and making the same. R. B. Arnold. 2,219,287; Oct. 29.
Insecticide and producing same. J. E. Morrow. 2,210,594; Aug. 6.
Insecticide composition, Combination. D. F. Murphy. 2,203,919; June 11.
Insecticide, Contact. E. W. Bousquet. 2,194,517; Mar. 26.
Insecticide dispenser. J. P. Fullilove. 2,213,491; Sept. 3.
Insecticide from petroleum, Contact. C. Ellis. 2,224,723; Dec. 10.
Insecticide, fungicide, and germicide. R. H. Ellis. 2,207,482; July 9.
Insecticide, fungicide, and the like. H. J. C. Tendeloo. 2,225,573; Dec. 17.
Insecticide, Japanese beetle. C. J. Austin. 2,209,744; July 30.
Insecticide package. F. W. Sennewald. 2,219,403; Oct. 29.
Insecticides. L. E. Smith. 2,217,566; Oct. 8.
Insecticides, Spraying. J. A. Erickson. 2,201,995; May 28.
Insert for glasses, Ice-retaining. F. B. Chapman. 2,217,833; Oct. 15.
Inserted blade cutter. R. R. Weddell. 2,185,487; Jan. 2.
Inserted blade cutter. R. R. Weddell. 2,224,173; Dec. 10.
Inserted blade cutter tool. A. Johnson. 2,189,801; Feb. 13.
Inserting tool. H. Caminez. 2,210,061; Aug. 6.
Inserts in flues of hot blast stoves, Installing. P. E. Angle. 2,197,674; Apr. 16.
Inside control hood latch. R. Hill. 2,224,454; Dec. 10.
Inside pipe cutter. G. W. Bowen. 2,219,148; Oct. 22.
Inside tubing cutter. E. E. Anderson. 2,208,011; July 16.
Insole. O. H. Andersen. 2,217,882; Oct. 15.
Insole and using the same. A. De Vito and J. W. Barna. 2,206,716; July 2.
Insole, Reinforced. H. S. Lyness. 2,195,490; Apr. 2.
Insole, Resilient. M. Margolin. 2,207,632; July 9.
Insole, Ribbed. J. J. White and H. M. Florsheim. 2,225,192; Dec. 17.
Insole, Welt. H. G. Lumbard. 2,204,505; June 11.
Insoles, Making. A. F. Donovan. 2,213,066; Aug. 27.
Insoles, Making. H. G. Lumbard. 2,216,204–5; Oct. 1.
Inspection equipment. A. J. Kizaur. 2,220,246; Nov. 5.
Installation for reducing nonlinear distortion in amplifying systems. B. D. H. Tellegen and V. C. Hendriquez. 2,212,850; Aug. 27.
Installment collecting device. M. J. Uline. 2,218,159; Oct. 15.
Instruction and amusement apparatus. A. M. Knopf. 2,193,597; Mar. 12.
Instruction apparatus for teaching music. T. Schrems. 2,207,639; July 9.
Instruction device for band instruments. G. O. Pierce. 2,225,084; Dec. 17.
Instruction device for musical instruments. C. F. H. and H. E. Rupp. 2,223,009; Nov. 26.
Instrument. A. F. Spitzglass. 2,185,276; Jan. 2.
Instrument. A. F. Spitzglass and O. T. Handwerk. 2,212,652; Aug. 27.
Instrument cap. J. V. Tracy. 2,206,437; July 2.
Instrument, Fluid pressure responsive. G. Achtel, K. Schilling, and K. Misch. 2,185,971; Jan. 2.
Instrument for defining arcs and irregular curves. O. H. Nelson. 2,220,422; Nov. 5.
Instrument for electrosurgical treatment in body cavities. G. Wolf. 2,186,187; Jan. 9.
Instrument for extracting tooth roots. P. van Beeck. 2,210,349; Aug. 6.
Instrument for measuring light reflectivity. G. J. Lane. 2,185,690; Jan. 2.
Instrument for measuring time in music. F. J. Nicola. 2,223,668; Dec. 3.
Instrument for use in the practice of iridiagnoscopy. C. H. Flower. 2,218,086; Oct. 15.
Instrument lighting. A. W. Hills. 2,211,118; Aug. 13.
Instrument lighting. H. C. Stuerzl. 2,189,535–6; Feb. 6.
Instrument, more particularly gyroscopic apparatus. R. Bode and A. von Petery. 2,198,023; Apr. 23.
Instrument panel, Steering wheel. J. F. Kennedy. 2,202,781; May 28.
Instrument support. W. Haag-Streit. 2,216,387; Oct. 1.
Insufflator. H. A. Shelanski. 2,185,927; Jan. 2.
Insulated cabinet. K. W. Hall. 2,217,222; Oct. 8.
Insulated cable, High voltage. L. W. W. Morrow. 2,224,484; Dec. 10.
Insulated electrical terminal. J. E. Johanson. 2,211,659; Aug. 13.
Insulated metal building construction. J. A. Drain, Jr., and N. A. Leist. 2,212,982; Aug. 27.
Insulated pipe. V. L. Whitacre. 2,209,547; July 30.
Insulated structure. V. C. Kline. 2,220,999; Nov. 12.
Insulating article, Molded electric. E. Albers-Schönberg. 2,226,299; Dec. 24.
Insulating block. D. D. Whitacre. 2,192,723; Mar. 5.
Insulating board and plaster base. G. R. Eichelberger, C. D. Altick, and V. Wade. 2,215,241; Sept. 17.
Insulating building and like structures. J. L. Finck. 2,205,829; June 25.
Insulating composition, Electrically. P. Nowak and H. Hofmeier. 2,209,928; July 30.
Insulating element. M. S. Gazelle. 2,221,309; Nov. 12.
Insulating material. A. L. Brown and L. R. Hill. 2,210,704; Aug. 6.
Insulating material and its manufacture. P. S. Denning. 2,204,581; June 18.
Insulating material containing mica. W. H. Miller. 2,195,254; Mar. 26.
Insulating material, Process and apparatus for the manufacture of. M. A. Powers. 2,187,432; Jan. 16.
Insulating material, Producing an inorganic. K. Stuckardt and R. Reichmann. 2,185,280; Jan. 2.
Insulating material, Synthetic. H. Rost. 2,198,977; Apr. 30.
Insulating materials, Making. W. H. Bennett. 2,206,557; July 2.
Insulating unit, Composite thermal. M. R. Price. 2,198,885; Apr. 30.
Insulation. H. M. Wilkoff. 2,204,288; June 11.
Insulation and like structures, Making. H. C. Karcher. 2,206,962; July 9.
Insulation and like structures, Making. H. C. Karcher. 2,209,311; July 30.
Insulation and producing same, Building. W. M. Ericson and E. H. Wenzel. 2,200,713; May 14.
Insulation articles, Manufacture of fireproof, thermal and acoustical. C. G. F. Cavadino. 2,215,078; Sept. 17.
Insulation board and making the same. S. J. Kelley. 2,213,249; Sept. 3.
Insulation covering. C. L. Day. 2,214,294; Sept. 10.
Insulation, Electrical. P. Nowak, H. Hofmeier, and C. Tobis. 2,191,580; Feb. 27.
Insulation, Electrical. G. Pohler. 2,191,584; Feb. 27.
Insulation, Fabricated. M. S. Gazelle. 2,221,310; Nov. 12.
Insulation for electric cables, Impregnated paper. W. A. Del Mar. 2,190,018; Feb. 13.
Insulation for magnetic sheet steel, Surface. W. Morrill. 2,215,295; Sept. 17.
Insulation material, Composite laminated. G. R. Cunnington. 2,192,517; Mar. 5.
Insulation material, Sheet. C. F. Hanson. 2,190,711; Feb. 20.
Insulation, Polychloroprene electrical. M. M. Safford. 2,211,608; Aug. 13.
Insulation sheet material. G. R. Cunnington. 2,192,516; Mar. 5.
Insulation stripper. B. W. Ames. 2,225,200; Dec. 17.
Insulation testing instrument. R. Waldo. 2,204,836; June 18.
Insulator. W. A. Bary. 2,187,143; Jan. 16.
Insulator. W. E. Gibbons. 2,193,921; Mar. 19.
Insulator. G. E. Hosfield. 2,215,152; Sept. 17.
Insulator. L. H. Lee and J. M. Guthrie. 2,191,171; Feb. 20.
Insulator. J. T. Littleton. 2,198,734; Apr. 30.
Insulator. T. H. Morcom. 2,217,229; Oct. 8.
Insulator. C. Saurer. 2,226,505; Dec. 24.
Insulator. H. P. Seelye. 2,224,361; Dec. 10.
Insulator. R. Stewart. 2,213,922; Sept. 3.
Insulator. C. W. Verrill. 2,216,464; Oct. 1.
Insulator and attaching means therefor, High tension sign. S. C. Miller. 2,219,327; Oct. 29.
Insulator, Electrical. V. F. Hammel. 2,191,152; Feb. 20.
Insulator, Electrical. D. H. Smith and H. H. Wheeler. 2,218,497; Oct. 15.
Insulator fastener. H. M. Young. 2,213,425; Sept. 3.
Insulator for electron discharge devices. J. Glauber. 2,201,289; May 21.
Insulator, High tension electric. H.-F. Schwartz. 2,217,420; Oct. 8.
Insulator, Insect. R. L. Coffman. 2,196,140; Apr. 2.
Insulator, Leading-in. B. Berghaus, W. Burkhardt, and R. Reinecke. 2,219,611; Oct. 29.
Insulator, Pole line. H. H. Wheeler, O. McGinnis, and W. Thordarson. 2,194,189; Mar. 19.
Insulator screw bracket, Porcelain. C. J. Lemont. 2,218,004; Oct. 15.
Insulator, Section. L. A. Meisse. 2,187,135; Jan. 16.
Insulator, Section. C. C. Whittaker. 2,221,621; Nov. 12.
Insulator structure. L. B. Stewart. 2,219,727; Oct. 29.
Insulin composition and preparing the same. R. A. Warburton. 2,202,325; May 28.
Insulin preparation and process. M. Sahyun and M. Heyn. 2,192,386; Mar. 5.
Insulin, Soluble protamine. M. Sahyun. 2,190,137; Feb. 13.
Intaglio plate printing machine. W. F. Huck. 2,223,368–9; Dec. 3.
Intaglio printing mechanism. W. M. Pollock. 2,201,452; May 21.

Integrator for determining the combined effect of inflow into and outflow from reservoirs. J. F. Tarpley, Jr. 2,197,815; Apr. 23.
Integuments, Method and apparatus for conditioning. C. Nessler. 2,224,880; Dec. 17.
Intelligence transmitting circuit. R. Black, Jr. 2,208,206; July 16.
Interceptor. R. H. Shenk. 2,216,300; Oct. 1.
Interchange device for automatic train pipe connectors. J. Robinson. 2,209,350; July 30.
Intercircuit interference, Mitigation of. H. K. Krist. 2,213,564; Sept. 3.
Intercommunicating system. L. W. Kolozsy. 2,189,267; Feb. 6.
Intercommunicating system. L. W. Parker. 2,221,994; Nov. 19.
Intercommunicating system and apparatus therefor. L. W. Parker. 2,189,269; Feb. 6.
Intercommunication system. R. Helmert. 2,208,928; July 23.
Intercommunication system. A. Wiessner. 2,212,256; Aug. 20.
Interest calculating machine. E. L. Turnbaugh. 2,193,848; Mar. 19.
Interface modifying agents and producing the same. B. R. Harris. Re. 21,322; Jan. 16.
Interference eliminating means for radio receiving circuits. F. E. Bole. 2,222,739; Nov. 26.
Interference elimination. W. V. Roberts. 2,218,098; Oct. 15.
Interference elimination. H. W. Royer. 2,192,275; Mar. 5.
Interference-reducing system. D. V. Sinninger. 2,226,836; Dec. 31.
Interference reduction system. V. D. Landon. 2,190,292; Feb. 13.
Interference rejection circuit. E. I. Anderson and G. Mountjoy. 2,204,954; June 18.
Interference. Suppression of. W. Koch. 2,206,638; July 2.
Interlaced line method. K. Schlesinger. 2,227,023; Dec. 31.
Interlining fabric. L. Bihaly. 2,186,357; Jan. 9.
Interlock control system. W. F. Falkenberg. 2,210,852; Aug. 6.
Interlock pipe coupling. S. I. Bacon. 2,215,659; Sept. 24.
Interlocked box. S. Bergstein. 2,217,503; Oct. 8.
Interlocked structure. H. W. Romanoff. 2,191,161; Feb. 20.
Interlocking sleeve coupling. A. C. Hoffman. 2,216,839; Oct. 8.
Interlocking system for railroads. O. H. Dicke and F. B. Hitchcock. 2,200,857; May 14.
Interlocking system for railroads. S. J. Mackey. 2,217,227; Oct. 8.
Interlocking system for railroads. R. M. Phinney. 2,223,126; Nov. 26.
Interlocking system for railroads. R. M. Phinney and F. B. Hitchcock. 2,201,973; May 21.
Interlocking system for railroads. N. D. Preston and F. B. Hitchcock. 2,217,206; Oct. 8.
Intermittent feeder. R. B. Doty and F. A. Ross. 2,208,964; July 23.
Intermittent movement for display devices. A. F. Steiert. 2,209,858; July 30.
Intermittent movement for motion picture apparatus. J. A. Maurer, Jr. 2,222,418; Nov. 19.
Internal brake. O. Rasmussen and E. R. Pierce. 2,195,261; Mar. 26.
Internal circulatory heater. P. R. McNamar. 2,210,768; Aug. 6.
Internal combustion drill. C. L. Charles. 2,223,095; Nov. 26.
Internal combustion engine. E. H. Aiken. 2,186,400; Jan. 9.
Internal combustion engine. L. P. Anthony. 2,217,721; Oct. 15.
Internal combustion engine. H. B. Augustine. 2,222,134; Nov. 19.
Internal combustion engine. J. A. H. Barkeij. 2,191,745; Feb. 27.
Internal combustion engine. J. A. H. Barkeij. 2,209,012; July 23.
Internal combustion engine. F. S. Baster. 2,216,801; Oct. 8.
Internal combustion engine. A. Berger. 2,202,643; May 28.
Internal combustion engine. F. C. Best. 2,226,703; Dec. 31.
Internal combustion engine. A. Bokemüller and F. Schaub. 2,201,220; May 21.
Internal combustion engine. W. Boxan. 2,223,090; Nov. 26.
Internal combustion engine. B. W. Bradfute, Jr. 2,200,199; May 7.
Internal combustion engine. C. S. Brown. 2,204,842; June 18.
Internal combustion engine. A. Buchi. 2,213,202; Sept. 3.
Internal combustion engine. F. D. Butler. 2,206,027; July 2.
Internal combustion engine. F. D. Butler. 2,218,522; Oct. 22.
Internal combustion engine. F. H. Byerman. 2,226,333; Dec. 24.
Internal combustion engine. A. B. Carmichael. 2,221,230; Nov. 12.
Internal combustion engine. J. E. De Long and J. B. Fisher. 2,208,750; July 23.
Internal combustion engine. F. C. Dons. 2,203,648; June 4.
Internal combustion engine. G. R. Ericson. 2,209,329; July 30.
Internal combustion engine. M. G. Fiedler. 2,202,761; May 28.
Internal combustion engine. E. E. Foster. 2,223,100; Nov. 26.
Internal combustion engine. L. E. Fowler. 2,218,332; Oct. 15.
Internal combustion engine. A. Garve and O. Kurtz. 2,189,106; Feb. 6.
Internal combustion engine. A. Garve and O. Kurtz. 2,216,074; Sept. 24.
Internal combustion engine. F. P. Grahman. 2,188,630; Jan. 30.
Internal combustion engine. S. Grantz and W. Lindner. 2,216,491; Oct. 1.
Internal combustion engine. W. R. Griswold. 2,218,575; Oct. 22.
Internal combustion engine. C. C. Groth. 2,196,860; Apr. 9.
Internal combustion engine. E. S. Hall. 2,216,342; Oct. 1.
Internal combustion engine. E. S. Hall. 2,222,294; Nov. 19.
Internal combustion engine. L. F. Hellemn. 2,200,359; May 14.
Internal combustion engine. H. J. Hickey. 2,201,292; May 21.
Internal combustion engine. S. K. Hoffman. 2,192,442; Mar. 5.
Internal combustion engine. F. Huber. 2,221,287; Nov. 12.
Internal combustion engine. E. B. Hudson. 2,196,071; Apr. 2.
Internal combustion engine. C. D. Johnson. 2,185,506; Jan. 2.
Internal combustion engine. G. S. Kammer. 2,187,856–7; Jan. 23.
Internal combustion engine. J. J. Keough. 2,222,367; Nov. 19.
Internal combustion engine. H. M. Kinslow. 2,206,571; July 2.
Internal combustion engine. G. G. Kitzeman. 2,194,022; Mar. 19.
Internal combustion engine. V. W. Kliesrath. 2,185,254; Jan. 2.
Internal combustion engine. O. Kurtz and A. Garve. 2,216,494; Oct. 1.
Internal combustion engine. F. A. Lane. 2,196,216; Apr. 9.
Internal combustion engine. O. Leser, A. Garve, and O. Kurtz. 2,216,083; Sept. 24.
Internal combustion engine. W. Lindner and S. Grantz. 2,209,782; July 30.
Internal combustion engine. D. G. Lorraine and F. M. Young. 2,224,973; Dec. 17.
Internal combustion engine. M. Mallory. 2,199,706; May 7.
Internal combustion engine. G. Mayes. 2,215,793; Sept. 24.
Internal combustion engine. J. J. McCarthy. 2,188,368; Jan. 30.
Internal combustion engine. J. J. McCarthy. 2,220,609; Nov. 5.
Internal combustion engine. J. R. McNeil. 2,186,259; Jan. 9.
Internal combustion engine. C. B. Merry. 2,194,863; Mar. 26.
Internal combustion engine. J. R. Moore. 2,197,529; Apr. 16.
Internal combustion engine. F. Nallinger. 2,221,405; Nov. 12.
Internal combustion engine. R. M. Nardone. 2,205,047; June 18.
Internal combustion engine. A. H. Neuland. 2,209,996; Aug. 6.
Internal combustion engine. L. E. Noland. 2,202,227; May 28.
Internal combustion engine. F. L. Prescott. 2,196,228; Apr. 9.
Internal combustion engine. F. Radelet and M. Schul. 2,198,679; Apr. 30.
Internal combustion engine. F. Radelet and M. Schul. 2,206,332; July 2.
Internal combustion engine. F. Radelet and M. Schul. 2,211,936; Aug. 20.
Internal combustion engine. F. A. Rossi. 2,194,913; Mar. 26.
Internal combustion engine. H. E. Rudd. 2,209,706; July 30.
Internal combustion engine. W. A. Schweiger. 2,198,130; Apr. 23.
Internal-combustion engine. L. S. Sheldrick. 2,186,080; Jan. 9.
Internal combustion engine. J. C. Shirley. 2,205,675; June 25.
Internal combustion engine. G. J. Stevens. 2,215,986; Sept. 24.

Internal combustion engine. L. M. Taylor. 2,199,423; May 7.
Internal combustion engine. M. Tips. 2,203,449; June 4.
Internal combustion engine. C. J. Tóth. 2,205,608; June 25.
Internal combustion engine. C. J. Toth. 2,206,272; July 2.
Internal combustion engine. C. L. Walker. 2,197,282; Apr. 16.
Internal combustion engine. D. M. Weigel. 2,220,926; Nov. 12.
Internal combustion engine. H. Wild and K. Schneider. 2,214,445; Sept. 10.
Internal combustion engine. W. L. Wuehr. 2,217,192; Oct. 8.
Internal combustion engine. A. R. Wurtele. 2,218,321; Oct. 15.
Internal combustion engine. H. Zahl. 2,194,347; Mar. 19.
Internal combustion engine. F. Zahren. 2,186,812; Jan. 9.
Internal combustion engine, Air cooled. J. Gettinger. 2,209,078; July 23.
Internal combustion engine, Compound expansion. C. J. Toth. 2,226,788; Dec. 31.
Internal combustion engine, Double-piston. B. Fiala-Fernbrugg. 2,199,625; May 7.
Internal combustion engine, Four-stroke cycle. F. B. Halford. 2,214,529; Sept. 10.
Internal combustion engine, Fuel injection and spraying. A. C. Peterson. 2,215,911; Sept. 24.
Internal combustion engine, Injection. H. Saurer. 2,205,493; June 25.
Internal combustion engine, Method and apparatus for operating. W. E. Leibing. 2,211,664; Aug. 13.
Internal combustion engine, Pressure injection and driving. A. C. Peterson. 2,212,167; Aug. 20.
Internal combustion engine, Rotary. F. D. Butler. 2,192,893; Mar. 12.
Internal combustion engine, Rotary. C. D. Daniels. 2,189,728; Feb. 6.
Internal combustion engine, Rotary. L. Hocker, Jr. 2,214,833; Sept. 17.
Internal combustion engine, Rotary. F. A. Laythorpe. 2,193,178; Mar. 12.
Internal combustion engine, Rotary. S. De W. Reed. 2,215,232; Sept. 17.
Internal combustion engine, Rotary. H. F. Wolstenholme. 2,222,133; Nov. 19.
Internal combustion engine, Rotary valve. C. Monleone. 2,222,059; Nov. 19.
Internal combustion engine, Split cycle. G. E. Ryerson. 2,211,292; Aug. 13.
Internal-combustion engine, Two-cycle. H. Lieberherr. 2,218,202; Oct. 15.
Internal combustion engine, Two-stage. C. W. P. Heylandt. 2,220,764; Nov. 5.
Internal combustion engine, Two-stage-compression. P. Dugelay. 2,195,082; Mar. 26.
Internal combustion engine, Two-stroke. W. Howald. 2,199,314; Apr. 30.
Internal combustion engine, Two-stroke. O. Petersen and E. Sølver. 2,223,898; Dec. 3.
Internal combustion engine, Two-stroke. H. R. Ricardo. 2,220,661–2; Nov. 5.
Internal combustion engine, Two-stroke cycle. A. H. Cornish and M. Kadenacy. 2,206,632; July 2.
Internal combustion motor. A. D. Adams, Jr. 2,191,638; Feb. 27.
Internal combustion motor. K. W. Rohlin. 2,186,043; Jan. 9.
Internal combustion motor, Rotary. C. J. Z. Fanberg. 2,215,096; Sept. 17.
Internal expansion engine. W. T. Kinslow. 2,213,816–17; Sept. 3.
Internal screw-thread gauge. I. W. Dillon. 2,214,633; Sept. 10.
Internal shoe brake. C. Hayes and L. C. Chouings. 2,208,293; July 16.
Interpolymer of acrylic nitrile, methyl methacrylate, and methacrylic amide. W. Bauer and F. Esser. 2,220,033; Oct. 29.
Interpolymerization products of butadiene and vinyl ethinyl carbinol. W. Sandhaas, W. Daniel, and K. Mühlhausen. 2,200,705; May 14.
Interpolymerization products of vinyl chloride and esters of maleic acid. H. Hopff, G. Steinbrunn, and H. Freudenberger. 2,187,817; Jan. 23.
Interpolymers of butadiene and methyl methacrylate and making same, Rubberlike. H. W. Starkweather and A. M. Collins. 2,218,362; Oct. 15.
Interrupter of direct current, Periodic. F. Schilgen. 2,213,553; Sept. 3.
Intestines, Apparatus for measuring. F. G. Leavenworth. 2,187,790; Jan. 23.
Intestines, Treating. A. B. Werby. 2,196,238; Apr. 9.
Intrarow deplanting mechanism. J. V. and E. M. Haas. 2,223,035; Nov. 26.
Introducer. W. L. Schmitz, Jr. 2,218,009; Oct. 15.
Invalid lifting and transferring device. C. F. Jones. 2,218,883; Oct. 22.
Investment ring. A. S. Greth. 2,193,357; Mar. 12.
Investment ring heater. D. D. Mizzy and D. L. Durst. 2,221,302; Nov. 12.
Iodide and compound, Ephedrine. B. L. Wyatt. 2,218,900; Oct. 22.
Iodine solution, Aqueous. R. V. Rice and G. D. Beal. 2,211,837; Aug. 20.
Iodoalkaloids, Manufacturing. A. M. Marks. 2,226,568; Dec. 31.
Ion-exchange material, Carbonaceous. O. Liebknecht. 2,191,059; Feb. 20.
Iron: *See*—
Alloy cast iron.
Anchor iron.
Chair iron.
Electric curling iron.
Electric heating iron.
Electric iron.
Electric steam iron.
Electric steaming iron.
Electrically heated steam iron.
Leading iron.
Plane iron.
Pressing iron.
Puff iron.
Soldering iron.
Steam iron.
Steaming iron.
Steaming pressing iron.
Iron alloy. R. H. Bancroft. 2,214,652; Sept. 10.
Iron alloy suitable for electrical resistances. T. Swinden. 2,210,308–9; Aug. 6.
Iron and steel articles, Burnishing. G. Zapf. 2,217,586; Oct. 8.
Iron and steel, Desulphurization of. I. E. Muskat. 2,204,813; June 18.
Iron and steel, Direct batch process for the production of. F. Eulenstein and A. Krus. 2,185,911; Jan. 2.
Iron and steel, Method for and agent of treating molten. J. H. Critchett and W. Crafts. 2,221,784; Nov. 19.
Iron and support for said iron, Electric. A. G. Shearer. 2,224,198; Dec. 10.
Iron and the product obtained thereby, Making semi-pyrophoric. A. Schmid. 2,207,879; July 16.
Iron, Annealing malleable. A. L. Boegehold. 2,198,801; Apr. 30.
Iron article and making same, Porous. F. V. Lenel. 2,187,589; Jan. 16.
Iron articles and making same. F. V. Lenel. 2,226,520; Dec. 24.
Iron articles, Manufacture of porous. F. V. Lenel. 2,191,936; Feb. 27.
Ironclad door. A. E. Waterman. 2,215,894; Sept. 24.
Iron compound of nucleotides and their organic hydrolytic decomposition products and making same. S. L. Ruskin. 2,215,233; Sept. 17.
Iron construction, Electric. J. J. Gough. 2,201,107; May 14.
Iron construction for railway cars, Grab. T. W. Delanty. 2,209,308; July 30.
Iron desulphurization. R. P. Heuer. 2,193,593; Mar. 12.
Iron device, Electric smoothing. S. T. Walkup. 2,222,327; Nov. 19.
Iron, Electric steam. L. L. Jones. Re. 21,632; Nov. 26.
Iron-fitting, particularly for mountain footwear. F. Genecand. 2,207,401; July 9.
Iron girders and very large T-section iron, Producing. J. Baugnée. 2,201,071; May 14.
Iron holder. A. J. La Femina. 2,210,626; Aug. 6.
Iron, Making gray cast. F. C. T. Daniels. 2,186,329; Jan. 9.
Iron, Manufacture of hematite cast. R. Perrin. 2,203,179; June 4.
Iron, Manufacture of malleable cast. R. J. Cowan. 2,195,078; Mar. 26.
Iron manufacture, Rustless. A. L. Feild. 2,200,545; May 14.
Iron oxide briquette. G. S. Mican, R. H. Steinberg, and S. F. Urban. 2,205,043; June 18.
Iron powder, Production of metallic. W. Stephan. 2,217,569; Oct. 8.
Iron, Producing high tensile strength. J. L. Gibney. 2,224,185; Dec. 10.
Iron, Producing malleable. A. G. E. Hultgren. 2,185,894; Jan. 2.
Iron, Production of cast. H. T. Chandler. 2,220,063; Nov. 5.
Iron, Production of electrolytic. M. G. Whitfield and V. Sheshunoff. 2,223,928; Dec. 3.
Iron, Production of malleable. W. Crafts. 2,227,217; Dec. 31.
Iron stand. O. O. Lamb. 2,203,962; June 11.
Iron with heat indicator, Electric. C. H. Sparklin. 2,201,745; May 21.
Iron with other metals, Uniting of finely divided. W. H. Smith. 2,193,435; Mar. 12.
Iron without melting, Decarbonizing carbon-holding. B. M. S. Kalling. 2,201,181; May 21.
Ironer. J. J. McCabe. 2,213,634; Sept. 3.
Ironer. G. W. Wardwell, Jr. 2,215,489; Sept. 24.
Ironer and washing machine, Combination. S. S. Holland. 2,224,347; Dec. 10.
Ironer cabinet (horizontal pivot). H. W. Altorfer. 2,195,393; Apr. 2.
Ironer, Hand power. C. K. Woodin. 2,209,370; July 30.
Ironer, Press. T. R. Bush. 2,213,689; Sept. 3.
Ironer, Roll. W. G. Baule. 2,223,593; Dec. 3.
Ironer, Rotary. G. W. Dunham. 2,192,185; Mar. 5.
Ironer table. G. W. Dunham and G. W. Wardwell, Jr. 2,221,510; Nov. 12.
Ironer, Wringer post. G. W. Dunham. 2,188,810; Jan. 30.
Ironers, Automatic pressure control for flatwork. N. S. McEwen and S. C. Ward. 2,211,604; Aug. 13.

Ironing apparatus. T. R. Bush and S. E. Bickle. 2,219,679; Oct. 29.
Ironing board and iron support, Combined. W. M. Schwartz. 2,201,925; May 21.
Ironing board, Heated. L. Illmer. 2,213,042; Aug. 27.
Ironing board, Ventilated. H. B. Fay. 2,215,918; Sept. 24.
Ironing device. J. P. Ahlbrandt. 2,204,744; June 18.
Ironing device. S. Deutsch. 2,209,194; July 23.
Ironing device, Collar. H. P. Campbell. 2,192,786; Mar. 5.
Ironing device, Flexible. S. J. Miller. 2,204,996; June 18.
Ironing machine. E. B. Carson. 2,212,011; Aug. 20.
Ironing machine. F. A. Conterman. 2,224,013; Dec. 3.
Ironing machine. G. W. Dunham. 2,192,186; Mar. 5.
Ironing machine. P. E. Geldhof. 2,208,097; July 16.
Ironing machine. G. B. Keil. 2,200,748; May 14.
Ironing machine. C. A. Lindemann. 2,188,791; Jan. 30.
Ironing machine. F. K. Mueller. 2,217,522; Oct. 8.
Ironing machine. A. H. Peters. 2,202,167; May 28.
Ironing machine. G. W. Wardwell, Jr. 2,191,332; Feb. 20.
Ironing machine. G. W. Wardwell, Jr. 2,201,841; May 21.
Ironing machine. W. T. White. 2,222,671; Nov. 26.
Ironing machine. W. G. Zigler. 2,203,936; June 11.
Ironing machine and stacker, Combined. F. J. Couch. 2,210,447; Aug. 6.
Ironing machines, Attachment to. W. A. Hoch. 2,196,810; Apr. 9.
Ironing pad. A. T. Smith and L. Schultz. 2,214,824; Sept. 17.
Ironing press. N. H. Watts. 2,192,057; Feb. 27.
Ironing table. L. H. Cummings. 2,186,194; Jan. 9.
Ironing table. C. Flagstad. 2,220,896; Nov. 12.
Ironing table. O. A. Flagstad. 2,198,606–8; Apr. 30.
Ironing table. H. V. Keller. 2,187,607; Jan. 16.
Ironing table. A. C. Koster. 2,199,373; Apr. 30.
Ironing table. C. Tonn. 2,187,593; Jan. 16.
Ironing table, Wall inset. C. E. Newstrom. 2,201,701; May 21.

Irradiation device. H. Laub. 2,222,148; Nov. 19.
Irradiator, Electric. A. Stahn and T. Bornemann. 2,226,328; Dec. 24.
Irrigating and fertilizing device, Combined. M. Lester. 2,214,083; Sept. 10.
Irrigating apparatus. M. Irwin. Re. 21,615; Nov. 5.
Irrigating pipe connector. O. Knoerzer. 2,218,756; Oct. 22.
Irrigation border filler. W. F. Hiesermann. 2,205,038; June 18.
Irrigation checking implement. H. Petzoldt. 2,220,659; Nov. 5.
Irrigation pump. H. A. E. Johnsen. 2,209,652; July 30.
Irrigation pump. F. P. Morgan. 2,215,559; Sept. 24.
Irrigation system. J. S. Johnson. 2,188,243; Jan. 23.
Irrigation system. J. N. Mowery. 2,215,932; Sept. 24.
Irrigation, System for. P. De Lacy-Mulhall. 2,209,961; Aug. 6.
Irrigation water gate. G. Kaehler. 2,226,310; Dec. 24.
Isobutylene, Production of. A. E. Robertson. 2,196,363; Apr. 9.
Isocolloids, Colloidal transformations of organic. L. Auer. 2,213,944; Sept. 10.
Isocolloids, Modification of the physical properties of. L. Auer. 2,213,943; Sept. 10.
Isomer of cholesterol and producing the same. E. S. Wallis and E. Fernholz. 2,205,448; June 25.
Isopropanolamine salts of theophylline and making them. F. R. Greenbaum. 2,196,495; Apr. 9.
Isotopes, Separation of. J. G. Dean. 2,204,072; June 11.

Jack: *See*—
- Automobile jack.
- Automobile wheel jack.
- Ball bearing screw jack.
- Body jack.
- Bumper jack.
- Cross-arm jack.
- Electric lifting jack.
- Flange jack.
- Hoisting jack.
- Hydraulic jack
- Hydraulic pump jack.
- Hydraulic rod-line jack.
- Last jack.
- Lifting and vibratory jack.
- Lifting jack.
- Meter testing jack.
- Motor jack.
- Pump jack.
- Radio chassis jack.
- Reel jack.
- Scaffold jack.
- Scaffolding jack.
- Shoe conveyer jack.
- Shoe jack.
- Shoe supporting jack.
- Spring jack
- Tie puller jack.
- Tractor jack.
- Vehicle jack.
- Well pump jack.

Jack. C. M. Ellenberger. 2,185,804; Jan. 2.
Jack. I. Goldberg. 2,200,392; May 14.
Jack. E. G. Gunn. 2,212,539; Aug. 27.
Jack. E. G. Gunn. 2,217,403; Oct. 8.
Jack. I. Kirby. 2,189,665; Feb. 6.
Jack. M. B. Lucker. 2,227,397; Dec. 31.
Jack. E. R. Morando. 2,207,548; July 9.
Jack. A. J. Ricker. 2,185,476; Jan. 2.
Jack. I. F. Smith. 2,190,953; Feb. 20.
Jack. H. A. Whartenby and L. Rementer. 2,197,026; Apr. 16.
Jack and automobile theft prevention device, Combination. C. Sellinger and E. Forster. 2,190,489; Feb. 13.
Jack and bumper for automobiles, Combined. A. C. Hoecker. 2,213,840; Sept. 3.
Jack and the manufacture thereof, Hydraulic. R. W. Werner. 2,211,249; Aug. 13.
Jack and wheel locking arrangement for automobiles or like vehicles, Combination lifting. P. Ostruk. 2,204,997; June 18.
Jack apparatus. E. Freyssinet. 2,226,201; Dec. 24.
Jack bar for flat knitting machines. R. Riedel. 2,216,502; Oct. 1.
Jack block for cars, Automatic. M. Sharkey. 2,190,491; Feb. 13.
Jack construction. J. H. Needham. 2,195,094; Mar. 26.
Jack device for automobiles, Automatic. H. J. Miniconi. 2,201,373; May 21.
Jack element. E. G. Gunn. 2,189,981; Feb. 13.
Jack for heel turning machines. N. W. Kinney. 2,192,552; Mar. 5.
Jack for knitting machines, Spring. F. J. Potter. 2,219,600; Oct. 29.
Jack for motor vehicles. O. Lanzarone. 2,185,856; Jan. 2.
Jack for refrigerators and the like, Hydraulic. L. J. Engel. 2,226,970; Dec. 31.
Jack for semitrailers. W. S. Brant, G. J. Lucas, A. S. Weaver, Jr., and S. W. Eakle. 2,190,252; Feb. 13.
Jack guide for loom shedding mechanism. V. H. Jennings. 2,226,244; Dec. 24.
Jack illumination. E. M. Pfauser. 2,219,903; Oct. 29.
Jack operator, Hydraulic brake system. H. V. Phelps. 2,195,874; Apr. 2.
Jack or dolly, Automobile tire. L. L. Judge. 2,205,746; June 25.
Jack or safety device, Automatic. F. A. Germann. 2,219,686; Oct. 29.
Jack or support, Trailer. E. L. Wiedman. 2,196,715; Apr. 9.
Jack structure. L. D. Nilson. 2,187,279; Jan. 16.
Jack supporting base, Automobile. R. A. Sandberg. 2,221,203; Nov. 12.
Jacking apparatus. J. Coletti. 2,223,246; Nov. 26.
Jacking apparatus. J. A. Courville. 2,192,767; Mar. 5.
Jacket for tire vulcanizers, Adjustable. O. J. Warman. 2,226,034; Dec. 24.
Jacket, Frostproof. L. Huth. 2,189,466; Feb. 6.
Jacquard for terry looms. H. V. Foster. 2,206,178; July 2.
Jar. G. Glocker. 2,187,394; Jan. 16.
Jar cap seal, Vacuum. R. W. Wynings. 2,212,804; Aug. 27.
Jar cap wrench. C. Stegmeier. 2,192,334; Mar. 5.
Jar holder. J. W. Sammons. 2,215,016; Sept. 17.
Jar-holding device. L. E. Mason. 2,221,056; Nov. 12.
Jar lifter. C. A. Morgillo. 2,212,527; Aug. 27.
Jar, Metallic. K. G. Anderson. 2,196,486; Apr. 9.
Jar or similar article, Double ended. A. Abrams. 2,204,784; June 18.
Jar, Rotary. E. F. Raymond. 2,190,045; Feb. 13.
Jar, Straight pull tool. E. C. Hamm. 2,199,969; May 7.
Jarring tool. E. Burns. 2,222,646; Nov. 26.
Jarring tool. H. P. Wickersham. 2,204,458; June 11.
Javelin. K. A. Schlademan and U. G. Whiffen. 2,196,610; Apr. 9.
Jaw puller. O. C. Schmidt. 2,186,273; Jan. 9.
Jaw unit for electric connectors. W. H. Barlow. 2,222,493; Nov. 19.
Jelly and jelly manufacture. N. M. Mnookin. 2,207,299; July 9.
Jet pump. A. G. Horvath. 2,196,453; Apr. 9.
Jetter for beverage packaging apparatus. A. G. Hopkins. 2,218,911; Oct. 22.
Jewel setter, Pallet. J. Vinardi. 2,211,303; Aug. 13.
Jewelry. R. C. Bangs. 2,105,918; June 25.
Jewelry. M. Chernow. 2,209,714; July 30.
Jewelry and the like, Casting. T. G. Jungersen. 2,201,131; May 14.
Jewelry, Article of. A. Brooks. 2,198,364; Apr. 23.
Jewelry, Article of. E. Foret. 2,220,442; Nov. 5.
Jewelry box. R. J. Warner and H. G. Valentine. 2,196,688; Apr. 9.
Jewelry display box. J. R. Sundee. 2,219,212; Oct. 22.
Jewelry, setting. F. J. Gaertner. 2,200,841; May 14.
Jig, Automatic drilling. W. Smith. 2,208,480; July 16.
Jig, Bending. J. B. Butler. 2,212,415; Aug. 20.
Jig, Bit grinding. P. R. Francis. 2,215,694; Sept. 24.
Jig, Centering. R. W. Baker. 2,211,634; Aug. 13.
Jig, Collar welding. A. M. Hill and J. B. Harshman. 2,187,878; Jan. 23.
Jig, Drilling. J. Weedy. 2,214,686; Sept. 10.
Jig, Dye. A. E. Yates. 2,223,811; Dec. 3.
Jig, Piston skirt drilling. H. P. Phillips. 2,218,768; Oct. 22.
Jig, Propeller. E. X. Enderlein. 2,195,722; Apr. 2.
Jigsaw blade support and work hold-down. W. F. Ocenasek. 2,191,410; Feb. 20.

Joint: *See*—
- Adjustable joint.
- Ball-and-socket joint.
- Ball joint.
- Ball-sleeve joint.
- Ball type joint.
- Casing joint.
- Compensable joint.
- Concrete road joint.
- Conduit joint.
- Constant velocity joint.
- Construction joint.
- Contraction and center joint.
- Cushion joint.
- Expansion and construction joint.
- Expansion joint.
- Fluid transmission joint.
- Fused joint.
- Fusion joint.
- Pavement joint.
- Pipe and tool joint.

Joint: *See*—
Pipe joint.
Pipe or tube joint.
Rail joint.
Road joint.
Rotary joint.
Safety joint.
Sealed lubricated joint.
Slip joint.
Spliced cable joint.
Steering knuckle joint.
Swivel joint.
Threaded joint.
Tool joint.
Universal joint.
Universal tube joint.
Upset pipe joint.
Well pipe joint.

Joint. J. H. Jacobson. 2,198,084; Apr. 23.
Joint. W. G. O. Stieber. 2,206,373; July 2.
Joint. D. E. Willard. 2,189,156; Feb. 6.
Joint alignment device, Highway. R. E. Mitchell. 2,224,194; Dec. 10.
Joint and chill ring therefor, Welding. B. Ronay. 2,188,925; Feb. 6.
Joint and dowel assembly unit. D. H. Bitney. 2,192,571; Mar. 5.
Joint and making same. C. W. Albertson. 2,214,648; Sept. 10.
Joint and method of making, Solderless. M. F. Peters. 2,215,476; Sept. 24.
Joint and producing the same, Brazed. R. L. Briggs. 2,223,312; Nov. 26.
Joint and propeller shaft assembly, Universal. H. Wollner. 2,227,116; Dec. 31.
Joint and seal therefor. H. R. Kuhns. 2,226,312; Dec. 24.
Joint breaker and cathead. J. H. Schreiber. 2,208,197; July 16.
Joint construction. W. O. Fremont. 2,196,727; Apr. 9.
Joint construction. R. E. Klages. 2,189,266; Feb. 6.
Joint construction. R. E. Klages. 2,205,981; June 25.
Joint construction, Structural. W. Wilson. 2,210,697; Aug. 6.
Joint construction, Universal. A. O. Williams. 2,219,142; Oct. 22.
Joint equalizer spring. J. J. Gallagher. 2,204,304; June 11.
Joint filling, Expansion. W. J. Randall. 2,208,082; July 16.
Joint for articulated arms. P. N. Cloutier. 2,220,216; Nov. 5.
Joint for artificial limb. J. J. McCann. 2,208,276; July 16.
Joint for artificial limbs, Ankle. A. Boulton. 2,186,540; Jan. 9.
Joint for artificial limbs, Ankle. S. H. Jeter. 2,215,525; Sept. 24.
Joint for asbestos shingles or siding. F. C. Young. 2,188,090; Jan. 23.
Joint for concrete pavements and the like, Expansion. C. Older. Re. 21,403; Mar. 19.
Joint for concrete pavements, Expansion. J. T. Hallett. 2,189,811; Feb. 13.
Joint for concrete roadways. W. E. White. 2,213,725; Sept. 3.
Joint for concrete slabs. E. H. Geyer. 2,208,000; July 16.
Joint for concrete slabs. E. H. and M. R. Geyer. 2,193,129; Mar. 12.
Joint for concrete slabs. E. H. Geyer and H. A. Taubensee. 2,186,104; Jan. 9.
Joint for concrete slabs. E. H. Geyer and H. A. Taubensee. 2,208,454; July 16.
Joint for concrete structures, Expansion. F. L. Krumholtz. 2,208,005; July 16.
Joint for exhaust pipes. R. I. Markey. 2,206,414; July 2.
Joint for fishing tackle. J. R. Skoverski. 2,189,841; Feb. 13.
Joint for flexible arms. J. Hansen. 2,217,407; Oct. 8.
Joint for flexible spouting. A. W. Gerber. 2,219,227; Oct. 22.
Joint for high tension cables. L. L. Phillips. 2,222,718; Nov. 26.
Joint for nonmetallic pipes. C. E. Bennett. 2,219,289; Oct. 29.
Joint for tubes and the like, High pressure. C. W. Parris. 2,211,983; Aug. 20.
Joint for tubing, Universal. B. G. Plummer. 2,220,120; Nov. 5.
Joint for well drilling, Tool. C. C. Scharpenberg. 2,205,697; June 25.
Joint, Making a. F. E. Gray. 2,205,008; June 18.
Joint, Making a soldered. D. C. Dilley. 2,224,952; Dec. 17.
Joint, Making a welded. A. T. Light. 2,190,267; Feb. 13.
Joint of wood or the like. E. L. Shaw. 2,227,326; Dec. 31.
Joint or connection. G. A. Tinnerman. 2,213,924; Sept. 3.
Joint or connection, Reinforced. G. A. Tinnerman. 2,205,323; June 18.
Joint-sealing device dependent on an application of heat and pressure. W. R. Zwoyer. 2,222,011; Nov. 19.
Joint structure. V. V. Malcom. 2,222,970; Nov. 26.
Joint, Universal. C. E. Swenson. Re. 21,507; July 9.
Joints between the members comprising electrolytic cells, Sealing the. K. E. Stuart. 2,208,778; July 23.
Joints for folding cots, Pivot. H. W. Neunherz. 2,211,381; Aug. 13.
Joints, Formation of expansion. C. H. Bauer. 2,210,355; Aug. 6.
Joints, Making. H. G. Texter. 2,187,798; Jan. 23.
Joints, Making adjustable. L. J. Jeffries. 2,226,819; Dec. 31.
Joints, Manufacturing universal. C. K. Morton. 2,213,448; Sept. 3.
Joints, Method of sealing. R. E. Bishop. 2,210,138; Aug. 6.
Joints, Welding. K. A. Maxwell. 2,227,193; Dec. 31.
Joist and structural connections thereto. W. Moesly. 2,211,667; Aug. 13.
Jordan filling. H. M. Keating. 2,197,182; Apr. 16.
Journal and bearing. C. A. de Giers. 2,221,372; Nov. 12.
Journal bearing. A. Buske. 2,213,302; Sept. 3.
Journal bearing. G. R. Coleman. 2,206,077; July 2.
Journal bearing. R. J. Harry. 2,185,664; Jan. 2.
Journal bearing. W. H. Heckman. 2,198,615; Apr. 30.
Journal bearing. P. B. Taylor and W. G. Lundquist. 2,225,136; Dec. 17.
Journal bearing structure. P. J. Hogan. 2,220,717; Nov. 5.
Journal box. D. S. Barrows. 2,186,935; Jan. 16.
Journal box. W. Blackmore. 2,208,658; July 23.
Journal box. W. Blackmore. 2,213,575; Sept. 3.
Journal box. A. O. Buckius and T. E. Newberry. 2,194,493; Mar. 26.
Journal box. G. F. Couch. 2,206,498; July 2.
Journal box. H. J. Horn. 2,191,761; Feb. 27.
Journal box and making same. F. C. Hasse. 2,216,773; Oct. 8.
Journal box lubricator. F. C. Langdon. 2,185,792; Jan. 2.
Journal lubrication pad. A. J. Jones. 2,218,315; Oct. 15.
Juice extracting machine. W. O. Brown. 2,199,876; May 7.
Juice extractor. R. F. Bean. 2,215,994; Sept. 24.
Juice extractor. H. Fromm. 2,186,672; Jan. 9.
Juice extractor. H. C. Johnson. 2,220,372; Nov. 5.
Juice extractor, Citrus. W. E. Clark. 2,205,059; June 18.
Juice extractor, Fruit. P. F. Koch. 2,204,964; June 18.
Juice from sugar cane, Obtention of. A. S. Villasuso. 2,206,341; July 2.
Juice separator and pulp ejector. W. Richli. 2,206,204; July 2.
Juices, Extracting fruit and vegetable. R. B. McKinnis. 2,226,513; Dec. 24.
Junction box, Line wire. W. H. Stilwell. 2,201,507; May 21.
Justifying means for typewriters and other machines. E. N. Robinson, Jr. and H. W. Krukau. 2,202,869; June 4.
Kaleidoscopic reflecting instrument. F. G. Jordan. 2,198,051; Apr. 23.
Kapok and other staple fibers, Cleaning and feeding. C. N. Mims and J. Pitt. 2,221,262; Nov. 12.
Keeper inserter. H. W. Kulp. 2,185,346; Jan. 2.
Keg, Beer. S. E. Canaday. 2,193,445; Mar. 12.
Keg, Beer cooling. L. H. Floyd. 2,193,318; Mar. 12.
Kerf cutting machine. W. T. McCullough. 2,219,746; Oct. 29.
Kerf-cutting machine. T. E. Pray. 2,220,274; Nov. 5.
Ketene, Preparation of. A. B. Boese, Jr. 2,218,066; Oct. 15.
Ketone with hydrogen cyanide and products thereby obtained, Reacting methyl vinyl. H. B. Dykstra. 2,188,340; Jan. 30.
Ketones and conversion products thereof, Production of high-molecular unsaturated. K. Loewenberg and K. Smeykal. 2,200,216; May 7.
Ketones and ketols, Purification of. F. Bresler and A. Drasky. 2,204,956; June 18.
Ketones and producing them, Unsaturated. J. W. Kroeger. 2,194,704; Mar. 26.
Ketones by steam distillation, Fractionation of chlorinated. A. E. Calkins. 2,201,259; May 21.
Ketones, Chlorination of. P. C. Jones. 2,204,135; June 11.
Ketones, Manufacture of secondary aryl substituted alkyl. G. J. Van Zoeren. 2,225,671; Dec. 24.
Ketones of the cyclopentanopolyhydrophenanthrene series and their enol derivatives, Manufacture of. K. Miescher and A. Wettstein. 2,224,058; Dec. 3.
Ketones of the pregnan series, Manufacture of saturated and unsaturated. M. Hartmann and A. Wettstein. 2,216,837; Oct. 8.
Ketones, Preparing higher halogenated. P. Heisel and A. Hendschel. 2,199,934; May 7.
Ketones, Production of nitrogen-containing alpha beta-unsaturated. J. A. van Melsen. 2,198,260; Apr. 23.
Ketones, Sulphonated. H. Keppler and R. Schroeter. 2,195,088; Mar. 26.
Key. R. Albertz. 2,197,673; Apr. 16.
Key and flashlight, Combined. C. Cramer. 2,208,498; July 16.
Key and keyhole illumination. P. Schechter. 2,201,127; May 14.
Key arrangement. E. Bähr. 2,195,294; Mar. 26.
Keyboard. F. L. Paul. 2,187,592; Jan. 16.
Keyboard. L. M. Potts. 2,200,807; May 14.
Keyboard actuator. A. W. Mills. 2,192,616; Mar. 5.
Keyboard, Calculating machine. O. W. Swanson. 2,204,239; June 11.
Keyboard for pianos, Transposition. C. Hagstrom. 2,213,087; Aug. 27.

Keyboard mechanism. J. C. Plastaras. 2,220,946; Nov. 12.
Keyboard perforator and counter. L. M. Potts. 2,222,631; Nov. 26.
Keyboard, Transposing. E. L. Hanson, Jr. 2,192,077; Feb. 27.
Key case. J. C. Dawson, Jr. 2,201,850; May 21.
Key case. H. L. Fischer. 2,198,109–10; Apr. 23.
Key case. E. A. Koelling. 2,201,833; May 21.
Key case. B. A. Leue. 2,203,830; June 11.
Key case. L. B. Miller. 2,219,561; Oct. 29.
Key chain. M. Chernow. 2,224,721; Dec. 10.
Key, Clarinet. H. E. O'Brien. 2,205,695; June 25.
Key construction. H. E. Brown. 2,226,691; Dec. 31.
Key, Container. G. Glocker. 2,187,395; Jan. 16.
Key container. P. S. Hauton. 2,218,199; Oct. 15.
Key container. C. Kirkpatrick. 2,208,372; July 16.
Key for computing and similar machines. W. A. Anderson. 2,210,562; Aug. 6.
Key for piano accordion keyboard and the like. O. Cervenka. 2,195,238; Mar. 26.
Key for watchmen's signal systems, Tour. H. Machinist. 2,220,937; Nov. 12.
Key holder. J. C. Dawson, Jr. 2,201,851; May 21.
Keyhole locator, Self-luminous. R. G. Fordyce. 2,188,264; Jan. 23.
Keyhole means, Illuminated lock. R. S. Gohn. 2,226,854; Dec. 31.
Key holder and chain attaching means. J. M. Collins. 2,218,932; Oct. 22.
Key, Indicator. S. Merkl. 2,198,484; Apr. 23.
Key opening container. J. Coyle. 2,195,767; Apr. 2.
Key-operated latch. R. L. Gray. 2,197,103; Apr. 16.
Key, Parking time. W. H. Fraser. 2,209,691; July 30.
Key-retaining and supporting member. I. Geller. 2,197,218; Apr. 16.
Key ring. K. C. Augenstein. 2,224,073; Dec. 3.
Key ring construction. G. A. Loercher. 2,188,367; Jan. 30.
Key ring or chain holder. E. B. Long, Jr., and H. F. Carpenter. 2,224,972; Dec. 17.
Key, Telegraph sending. W. R. Starkins. 2,222,448; Nov. 19.
Key, Typewriting machine. C. F. Brown. 2,188,385; Jan. 30.
Keying arrangement for radio transmitters. E. Stutius. 2,215,800; Sept. 24.
Keying circuit. H. J. H. Wassell. 2,217,929; Oct. 15.
Keying system. C. W. Hansell. 2,185,192; Jan. 2.
Keying system. A. Kahn. 2,185,199; Jan. 2.
Keyless door lock. L. C. Mook, Jr. 2,223,495; Dec. 3.
Keys, Bank of switch. D. T. Cooper. 2,200,076; May 7.
Keystone corrector. K. Schlesinger. 2,227,009; Dec. 31.
Keyway and gear cutting attachment for lathes. T. E. Smith. 2,188,447; Jan. 30.
Kiln. G. P. Fackt. 2,215,581; Sept. 24.
Kiln. J. T. Littleton, H. R. Lillie, and W. W. Shaver. 2,188,608; Jan. 30.
Kiln. J. W. Payne. 2,226,535; Dec. 31.
Kiln. J. W. Payne. 2,226,578; Dec. 31.
Kiln and kiln drying, Dry. J. F. Cobb. 2,202,143; May 28.
Kiln, Double deck continuous. F. W. Brooke. 2,224,895; Dec. 17.
Kiln, furnace, and the like, Vertical. C. F. Priest. 2,197,984; Apr. 23.
Kiln, furnace, or the like, Vertical gas-fired. C. F. Priest. 2,197,985; Apr. 23.
Kiln, Rotary. N. S. Borch. 2,196,245; Apr. 9.
Kiln, Rotary. D. L. Derrom. 2,210,482; Aug. 6.
Kiln, Rotary. L. J. Mueller. 2,204,145; June 11.
Kindler. H. Haffner. 2,227,256; Dec. 31.
Kindler, Prepared fire. P. A. Mulcey. 2,206,362; July 2.
Kit, Battery servicing. F. B. Schmitt. 2,205,495; June 25.
Kit, Battery servicing. J. C. Thomas. 2,191,837; Feb. 27.
Kit, Combination. W. Friedlaender. 2,223,560; Dec. 3.
Kit, Lantern slide construction. A. W. Engel. 2,186,827; Jan. 9.
Kit, Mouth hygiene. J. J. Engelbreit. 2,223,484; Dec. 3.
Kit, Purse. H. S. Frank. 2,210,755; Aug. 6.
Kit, Shoe polishing. G. P. Clouthier. 2,226,898; Dec. 31.
Kit, Shoe polishing. W. L. Connor. 2,201,260; May 21.
Kit, Shoeshine. H. H. Deems. 2,193,314; Mar. 12.
Kitchen appliance. D. G. Strachan. 2,222,960; Nov. 26.
Kitchen appliance. M. West. 2,214,869; Sept. 17.
Kitchen cabinet. M. Korn. 2,202,107; May 28.
Kitchen indicator. C. R. Harless. 2,219,841; Oct. 29.
Kitchen tool. G. Agostineto. 2,205,379; June 25.
Kitchen tool. A. J. Parent. 2,213,015; Aug. 27.
Kitchen unit demonstration set. P. R. Harris, B. R. Pinney, and I. H. Ramsey. 2,221,766; Nov. 19.
Kite. P. T. Astle. 2,208,786; July 23.
Kite. M. Carrasco. 2,222,402; Nov. 19.
Kite. H. J. Irvin. 2,203,150; June 4.
Kite release for parachutes and gliders. R. F. Doerr. 2,203,083; June 4.
Kite string holder. R. N. Stibbins. 2,203,604; June 4.
Knee action for automobiles and trucks. C. E. Boyer. 2,193,473; Mar. 12.
Knee appliance. V. L. Closson. 2,220,836; Nov. 5.
Knee, artificial. J. J. McCann. 2,208,275; July 16.
Knee bracket. E. Ferrini. 2,194,648; Mar. 26.
Knee control for accelerators. E. F. Taylor. 2,221,274; Nov. 12.
Knee-joints, Artificial. L. H. Simonsson. 2,211,298; Aug. 13.
Knife. L. H. Campos. 2,213,064; Aug. 27.
Knife. J. A. and D. S. Gardner. 2,191,276; Feb. 20.
Knife. I. Stern, B. Skolnikoff, and J. J. Pesqueira, and S. Ostrolenk. 2,214,488; Sept. 10.
Knife and saw rack, Butcher's sanitary. H. S. Goodwin. 2,215,923; Sept. 24.
Knife blade, Exchangeable. H. Fehse. 2,223,342; Dec. 3.
Knife, Cotton sampling. W. H. Burns. 2,217,100; Oct. 8.
Knife, Detachable blade. N. Testi. 2,213,292; Sept. 3.
Knife for loom dobbies, Lifter. E. R. Holmes. 2,219,778; Oct. 29.
Knife, Fur. D. L. Gorbatenko and A. J. Allgoewer. 2,198,111; Apr. 23.
Knife grinding machine. A. Ivancin. 2,211,014; Aug. 13.
Knife, Paperhanger's. A. E. Jackson. 2,194,307; Mar. 19.
Knife, Putty. F. R. Bussert. 2,193,390; Mar. 12.
Knife, Putty. F. Keller. 2,213,071; Aug. 27.
Knife, Rotary power. J. C. Brown. 2,202,085; May 28.
Knife, Sharpening a circular. H. L. Haswell. 2,207,433; July 9.
Knife sharpening device. R. W. Cummings. 2,209,389; July 30.
Knife sharpening device. C. L. Jenks. 2,203,788; June 11.
Knife, Sportsman's. E. H. Kah. 2,206,257; July 2.
Knife, Surgical. M. Maltz. 2,215,125; Sept. 17.
Knife, Utility. A. J. Lurie. 2,187,590; Jan. 16.
Knit fabric. H. G. Dickens. 2,214,549; Sept. 10.
Knitted cap. F. J. Wengen. 2,199,473; May 7.
Knitted fabric. G. O. Clauss. 2,220,781; Nov. 5.
Knitted fabric. R. E. Davis, Jr. 2,191,456; Feb. 27.
Knitted fabric. H. Fleisher. 2,191,883; Feb. 27.
Knitted fabric. E. A. Kalil. 2,215,269; Sept. 17.
Knitted fabric. C. F. Kappler. 2,194,044; Mar. 19.
Knitted fabric. V. Lombardi. 2,190,793–4; Feb. 20.
Knitted fabric. J. Markowitz. 2,201,269; May 21.
Knitted fabric. H. McAdams. 2,192,090; Feb. 27.
Knitted fabric. A. E. and F. R. Page. 2,192,798; Mar. 5.
Knitted fabric. S. Shager. 2,220,428; Nov. 5.
Knitted fabric. A. S. Staff. 2,205,581; June 25.
Knitted fabric, Nonraveling. K. Maier. 2,190,409; Feb. 13.
Knitted pile tucked fabric. H. Fleisher. 2,207,397; July 9.
Knitting. R. E. Davis, Jr. 2,215,286; Sept. 17.
Knitting. J. L. Getaz 2,188,295; Jan. 30.
Knitting. D. Siegel. 2,219,240; Oct. 22.
Knitting. P. L. Thurston and L. B. Wilcox. 2,223,750; Dec. 3.
Knitting. A. L. Weisbecker. 2,218,978; Oct. 22.
Knitting machine. H. Agulnek. 2,203,711; June 11.
Knitting machine. E. J. Berger. 2,207,606; July 9.
Knitting machine. W. Boulais. 2,202,824; June 4.
Knitting machine. A. V., A. E., and A. L. Clarke. 2,208,070; July 16.
Knitting machine. A. V., A. E., and A. L. Clarke. 2,224,473; Dec. 10.
Knitting machine. R. H. Coleman. 2,199,302; Apr. 30.
Knitting machine. R. E. Davis, Jr. 2,201,716; May 21.
Knitting machine. C. Dupuis. 2,203,948; June 11.
Knitting machine. F. C. Frank. 2,192,969; Mar. 12.
Knitting machine. H. Hoeppner. 2,186,197; Jan. 9.
Knitting machine. H. Hoeppner. 2,213,005; Aug. 27.
Knitting machine. K. Howie. 2,186,023; Jan. 9.
Knitting machine. K. Howie. 2,190,154; Feb. 13.
Knitting machine. K. Howie. 2,190,664–5; Feb. 20.
Knitting machine. T. Jackson and K. M. Uphill. 2,193,872; Mar. 19.
Knitting machine. W. D. Kellogg and J. Fradenburgh. 2,224,304; Dec. 10.
Knitting machine. F. Klumpp and F. Lambach. 2,200,280; May 14.
Knitting machine. R. H. Lawson. 2,199,636; May 7.
Knitting machine. R. H. Lawson and A. N. Cloutier. 2,198,626; Apr. 30.
Knitting machine. R. H. Lawson, A. N. Cloutier, and I. H. C. Green. 2,208,698; July 23.
Knitting machine. R. H. Lawson, I. H. C. Green, and A. C. Langley. 2,211,785; Aug. 20.
Knitting machine. H. McAdams. 2,213,142–3; Aug. 27.
Knitting machine. H. McAdams. 2,221,713; Nov. 12.
Knitting machine. M. C. Miller. 2,203,693; June 11.
Knitting machine. M. C. Miller. 2,217,520–1; Oct. 8.
Knitting machine. G. H. Nyhuis. 2,202,119; May 28.
Knitting machine. W. Richter. 2,215,253; Sept. 17.
Knitting machine. K. W. Rössler. 2,213,149; Aug. 27.
Knitting machine. E. H. Scott. 2,213,454; Sept. 3.
Knitting machine. R. M. Scott. 2,218,493; Oct. 15.
Knitting machine. T. Smith, G. H. Woolley, and I. Hall. 2,216,051; Sept. 24.
Knitting machine. A. F. Verbeek. 2,196,237; Apr. 9.
Knitting machine. F. G. Weisbecker. 2,214,712; Sept. 10.
Knitting machine. F. G. Weisbecker. 2,218,976; Oct. 22.
Knitting machine. F. G. Weisbecker. 2,222,161; Nov. 19.

Knitting machine and machine method of knitting hosiery. H. A. Thierfelder. 2,195,978; Apr. 2.
Knitting machine and method. R. H. Lawson and I. H. C. Green. 2,206,097; July 2.
Knitting machine and method. V. Lombardi. 2,223,072; Nov. 26.
Knitting machine and method. M. Zimic. 2,219,607; Oct. 29.
Knitting machine and method. H. M. Zippel. 2,214,517; Sept. 10.
Knitting machine and method, Reverse plating. R. H. Lawson and A. N. Cloutier. 2,208,308; July 16.
Knitting machine and operating same, Circular rib. J. L. Getaz. 2,191,378; Feb. 20.
Knitting machine and operating same, Circular rib. R. Hill. 2,191,389; Feb. 20.
Knitting machine and sinkers therefor, Flat. A. F. Verbeek. 2,195,907; Apr. 2.
Knitting machine, Automatic wrap stripe. R. H. Lawson. 2,204,417; June 11.
Knitting machine, Circular. A. E. Page. 2,225,842; Dec. 24.
Knitting machine, Circular. A. E. Page and H. Swinglehurst, Jr. 2,200,207; May 7.
Knitting machine, Circular. H. N. Sheppard. 2,200,209; May 7.
Knitting machine, Circular. P. L. Thurston and H. F. Hilker. 2,192,625; Mar. 5.
Knitting machine, Circular. P. L. Thurston, D. Nagley, and H. F. Hilker. 2,223,751; Dec. 3.
Knitting machine, Circular independent latch needle. H. H. Holmes. 2,214,706; Sept. 10.
Knitting machine, Flat. K. Bahner. 2,195,401; Apr. 2.
Knitting machine, Flat. L. B. Herb and R. H. Scheer. 2,186,971; Jan. 16.
Knitting machine, Flat. K. R. Lieberknecht. 2,195,872; Apr. 2.
Knitting machine, Flat. K. R. Lieberknecht. 2,196,218; Apr. 9.
Knitting machine, Flat. K. P. Spindler. 2,204,629; June 18.
Knitting machine for producing elastic fabrics, Circular. E. J. Towers. 2,186,506; Jan. 9.
Knitting machine, Full Fashioned. K. Howie. 2,201,136; May 21.
Knitting machine, Full fashioned textile. G. R. Meinig and A. C. Pauli. 2,195,578; Apr. 2.
Knitting machine loop adjusting means H. E. Stout and D. B. Kitzmiller. 2,220,807; Nov. 5.
Knitting machine operating with variable strokes of the slur cock, Flat full-fashioned. O. Worm. 2,195,350; Mar. 26.
Knitting machine, Reverse plating. M. C. Steinmueller. 2,194,485; Mar. 26.
Knitting machine, Solid color pattern. R. H. Lawson and I. H. C. Green. 2,217,022; Oct. 8.
Knitting machine, Straight. O. F. Smetana. 2,204,322; June 11.
Knitting machine, Straight-bar. H. W. and E. Start. 2,219,715–16; Oct. 29.
Knitting machine, Straight bar. H. W. and E. Start. 2,221,495; Nov. 12.
Knitting machine with interchangeable needle carriers. W. Larkin. 2,201,905; May 21.
Knitting machine yarn carrier bar control. F. Autem. 2,219,733; Oct. 29.
Knitting machines, Controlling patterning and other operations of. A. W. Kent and H. H. Holmes. 2,196,073; Apr. 2.
Knitting machines, Fabric winding-down or drawing-off mechanism for. A. W. Kent and H. H. Holmes. 2,188,459; Jan. 30.
Knitting machines, Multiyarn laying mechanism for. J. L. Beers. 2,213,299; Sept. 3.
Knitting machines, Selecting device for. R. H. Lawson. 2,209,529; July 30.
Knitting machines, Stop motion for. J. D. Normandeau. 2,190,521; Feb. 13.
Knitting machines, Tension-regulating device for the draw-off mechanism of full-fashioned. F. Lambach. 2,185,963; Jan. 2.
Knitting, Method and machine for. R. H. Lawson and A. Gagne. 2,209,061; July 23.
Knitting, Method of and apparatus for. K. Waechtler. 2,187,715; Jan. 23.
Knitting, Process of. J. H. Miller and F. Evans. 2,203,228; June 4.
Knitting, System for controlling. W. Dubilier. 2,199,396; May 7.
Knob. C. J. Terrill. 2,189,845; Feb. 13.
Knob, Adjusting. W. H. Vogt. 2,220,590; Nov. 5.
Knob and spindle mechanism for door latches. J. Miller. 2,185,863; Jan. 2.
Knob assembly, Molded. W. C. Bruckman. 2,202,371; May 28.
Knob attaching device. O. P. Crim. 2,210,797; Aug. 6.
Knob fastener and assembly. H. J. Murphy. 2,225,594; Dec. 17.
Knob fastening device. H. J. Murphy. 2,215,248; Sept. 17.
Knob for bathroom doors, Emergency lock. S. Rossman. 2,190,485; Feb. 13.
Knob or the like. F. E. Colby. 2,209,644; July 30.
Knob securing means. G. E. Johnston. 2,186,678; Jan. 9.
Knock-off mechanism. H. B. Landrum. 2,210,172; Aug. 6.
Knock rating of naphthas, Improving. R. Rosen. 2,202,401; May 28.
Krypton and xenon from the air, Recovery of. E. Gomonet. 2,195,987; Apr. 2.
Label. C. J. Moskowitz and R. Emptage. 2,188,981; Feb. 6.
Label, Apparel. L. Grabenstein. 2,223,610; Dec. 3.
Label applier, Thermoplastic. E. L. Kallander. 2,192,264; Mar. 5.
Label attachment, End. A. J. Schmidt and J. Jackson. Re. 21,573; Sept. 17.
Label attachment, End. A. J. Schmidt and J. Jackson. 2,201,207; May 21.
Label band. W. J. Ward and E. A. Bachman. 2,192,423; Mar. 5.
Label cutting and folding mechanism. A. Rosenthal. 2,211,862; Aug. 20.
Label cutting and packing machine. A. Rosenthal. 2,214,478; Sept. 10.
Label dispenser, Thermoplastic. E. L. Kallander. 2,192,265–6; Mar. 5.
Label, stamp, or strip applying device. M. H. Tarr. 2,198,519; Apr. 23.
Label, Tax. F. W. Humphner. 2,223,106; Nov. 26.
Label units, Method and apparatus for making. R. S. Avery. 2,220,071; Nov. 5.
Labeling apparatus. L. Mandel. 2,191,406; Feb. 20.
Labeling device. J. Weiss. 2,214,096; Sept. 10.
Labeling machine. C. M. Hesson. 2,213,704; Sept. 4.
Labeling machine. H. Johnson. 2,192,833; Mar. 5.
Labeling machine. O. A. McNamee. 2,189,673; Feb. 6.
Labeling machine. L. Oskow. 2,189,296; Feb. 6.
Labeling machine. M. Schnitchen. 2,215,085; Sept. 17.
Labeling machine. G. W. von Hofe. 2,208,711; July 23.
Labeling machine. W. H. Weeden. 2,192,875; Mar. 12.
Labeling machine for containers. A. H. Peterson. 2,209,612; July 30.
Laboratory stand. E. P. Phillips. 2,202,265; May 28.
Lace fabric. R. Block and J. H. Worrall. 2,188,640; Jan. 30.
Lacer. O. B. Briggs. 2,211,640; Aug. 13.
Lacquer composition containing a solution of chlorine-containing rubber. A. R. Olsen. 2,211,431; Aug. 13.
Lacquer emulsion and making, Pigmented. H. Jenett and S. Meeker. 2,198,669; Apr. 30.
Lacquer manufacture. M. R. Vogel. 2,190,461; Feb. 13.
Lacquer-polish remover, Fingernail. G. Klinkenstein. 2,211,129; Aug. 13.
Lacquer, Textile printing. E. H. Bucy. 2,188,073; Jan. 23.
Lacquer, Waterproof. C. S. Hyatt and W. D. Hedges. 2,202,254; May 28.
Lacquers containing cellulose acetobutyrate and cellulose acetopropionate. W. E. Gloor. 2,186,454; Jan. 9.
Lactams, Producing. O. W. Cass. 2,221,369; Nov. 12.
Lactic acid, Purification of. I. L. Haag and C. A. Vana. 2,205,256; June 18.
Lactic acids from crude solutions thereof, Recovery of. J. B. Tindall. 2,223,797; Dec. 3.
Lactones and making them, Higher aliphatic. M. Stoll. 2,202,437; May 28.
Lactones containing at least 11 carbon atoms and at least 2 heterocyclically bound oxygen atoms in the lactone ring, Preparing higher. R. Firmenich. 2,202,448; May 28.
Lactose, Drying. C. O. Lavett. 2,197,804; Apr. 23.
Ladder. A. Kostuk. 2,194,856; Mar. 26.
Ladder. S. A. McGaw. 2,192,521; Mar. 5.
Ladder. C. E. Minnick. 2,213,471; Sept. 3.
Ladder. C. Moen. 2,186,119; Jan. 9.
Ladder. J. W. Richardson. 2,208,472; July 16.
Ladder. H. A. Solomon. 2,200,902; May 14.
Ladder. L. J. Tillman. 2,187,286; Jan. 16.
Ladder and load supporting device. H. M. Coddington. 2,199,042; Apr. 30.
Ladder and stool, Combination folding step. N. Q. Kelso. 2,207,923; July 16.
Ladder, Boat. A. M. Smith. 2,187,633; Jan. 16.
Ladder, Car. G. A. Steuber. 2,204,163; June 11.
Ladder, Extensible fire. V. Artini. 2,198,071; Apr. 23.
Ladder, Extension. S. E. Dunn. 2,210,803; Aug. 6.
Ladder leg, Adjustable. J. G. Brewer. 2,200,535; May 14.
Ladder, Platform. W. W. Seidner. 2,207,445; July 9.
Ladder rung, grab iron, and the like. C. M. Hannaford. 2,208,866; July 23.
Ladder, Scaffold. R. A. Uecker. I. G. Rambo, and D. E. Beatty. 2,191,051; Feb. 20.
Ladder, Scaling. P. Pirsch. 2,194,870; Mar. 26.
Ladder, Ship. A. Myerstuen. 2,202,597; May 28.
Ladder, Two-way. D. Gerdes. 2,192,830; Mar. 5.
Ladder web and packaging the same, Weaving. G. E. Colby. 2,226,093; Dec. 24.
Ladder web for Venetian blinds, Reeling. F. D. Murdock and H. D. Peck. 2,225,921; Dec. 24.
Ladder web with double weft. G. F. French. 2,194,440; Mar. 19.
Ladle. C. P. Astrom. 2,205,940; June 25.
Ladle and heating means therefor, Casting. G. H. Johnston. 2,223,617; Dec. 3.
Ladle, Pouring. W. S. Fraula. 2,224,906; Dec. 17.
Ladle stopper rigging. L. C. Edgar, Jr. 2,223,062; Nov. 26.

Lagging for reels. A. A. Bureau. 2,213,833; Sept. 3.
Lamellar trisodium phosphate hydrate. W. W. Heckert. 2,204,357; June 11.
Lamellar trisodium phosphate hydrate. W. W. Heckert and J. E. Kirby. 2,204,358; June 11.
Lamellar trisodium phosphate hydrate. R. J. Kepfer. 2,204,364; June 11.
Laminarine from seaweed, Removal and recovery of. V. C. E. Le Gloahec and J. R. Herter. 2,188,092; Jan. 23.
Laminated articles, Forming dished. C. H. Hempel, E. C. Schreihart, and P. N. Clemens. 2,193,513; Mar. 12.
Laminated articles, Making. G. Alexander. 2,218,373; Oct. 15.
Laminated lag for shoddy picker cylinders. L. Bock and R. C. Reed. 2,193,528; Mar. 12.
Laminated material and method of manufacture. L. Beck. 2,227,212; Dec. 31.
Laminated product. W. H. Carothers. 2,191,367; Feb. 20.
Laminated product. E. W. Fawcett, R. O. Gibson, and M. W. Perrin. 2,219,684; Oct. 29.
Laminated products, Making. H. A. Winkelmann and E. W. Moffett. 2,206,441; July 2.
Laminated products, Mechanism for making. D. C. Spaulding, Jr. 2,188,064; Jan. 23.
Laminated structure and making the same. J. W. Rash. 2,186,124; Jan. 9.
Laminated structures and materials therefor, Manufacture of. H. H. Payzant. 2,205,600; June 25.
Laminated tube. J. F. Levan. 2,208,988; July 23.
Laminating. J. F. McWhorter and H. D. Geyer. 2,188,721; Jan. 30.
Laminating press. G. L. Quick. 2,217,652; Oct. 8.
Lamp: *See*—
Arc lamp.
Bicycle lamp.
Boudoir and table lamp.
Boudoir lamp.
Bridge lamp.
Desk lamp.
Dirigible lamp.
Discharge lamp.
Display lamp.
Electric discharge lamp.
Electric incandescent lamp.
Electric lamp.
Electrical discharge lamp.
Electrical lamp.
Flash lamp.
Flashlight lamp.
Fluorescent lamp.
Gaseous conduction lamp.
Head lamp.
Incandescent and ultraviolet lamp.
Incandescent lamp.
Indicating electric lamp.
Mercury vapor glow lamp.
Photoflash lamp.
Portable lamp.
Prefocus projection lamp.
Reflecting electric lamp.
Safety lamp.
Sanctuary lamp.
Series lamp.
Signal lamp.
Table lamp.
Test lamp.
Therapeutic lamp.
Vapor discharge lamp
Vaporproof lamp.
Vehicle head lamp.
Vehicle lamp.
Lamp. C. W. Anklam. 2,225,816; Dec. 24.
Lamp. S. F. Arbuckle and G. H. Coulter. 2,205,642; June 25.
Lamp. C. J. Briefer and E. Burger. 2,209,187; July 23.
Lamp. J. W. Daehler. 2,108,154–5; July 16.
Lamp. J. W. Daehler. 2,188,623; Jan. 30.
Lamp. J. Gelb. 2,203,410; June 4.
Lamp. J. Kernes. 2,195,250; Mar. 26.
Lamp. W. A. Knoop. 2,198,513; Apr. 23.
Lamp. C. C. Matera. 2,213,012; Aug. 27.
Lamp. E. W. Pummill. 2,219,906; Oct. 29.
Lamp. O. C. Ritz-Woller. 2,219,940; Oct. 29.
Lamp. G. Sperti. 2,196,567; Apr. 9.
Lamp. C. M. Stitt. 2,199,014; Apr. 30.
Lamp. A. J. Sweet. 2,198,097; Apr. 23.
Lamp adapted for use as source in optical projection apparatus, Electric discharge. V. J. Francis. 2,187,774; Jan. 23.
Lamp and control mechanism therefor, Arc. P. Mole, E. C. Richardson, and F. C. Coates. 2,216,352; Oct. 1.
Lamp and manufacture, Incandescent. R. K. Braunsdorff. 2,224,855; Dec. 17.
Lamp and manufacture, Pin-head electric. H. Swanson. 2,222,093; Nov. 19.
Lamp and manufacture thereof, Incandescent. C. A. Laise. 2,214,742; Sept. 17.
Lamp and method of operation, Tellurium. J. W. Marden, N. C. Beese, and G. Meister. 2,215,648; Sept. 24.
Lamp and method of operation, Vapor. C. G. Found. 2,194,300; Mar. 19.
Lamp and mirror structures, Combined. H. Konikoff. 2,200,114; May 7.
Lamp and mounting therefor, Electric. D. K. Wright. 2,194,373; Mar. 19.
Lamp and operating the same, Discharge. J. S. Smith and F. Dawson. 2,190,687; Feb. 20.
Lamp and projector, Dentist's illuminating. W. J. Holroyd. 2,224,225; Dec. 10.
Lamp and radio receiving set, Combined. D. J. Crowley. 2,218,327; Oct. 15.
Lamp and radio receiving set, Combined. D. J. Crowley. 2,225,823; Dec. 24.
Lamp and similar device, Electric. J. R. Lait and M. Pirani. 2,211,602; Aug. 13.
Lamp and starting device therefor, Electric discharge. H. J. McCarthy. 2,195,115; Mar. 26.
Lamp and starting device therefor, Electric discharge. H. J. McCarthy. 2,222,485; Nov. 19.
Lamp and starting device therefor, Electric discharge. H. J. McCarthy. 2,224,828; Dec. 10.
Lamp and switch, Combined multilight incandescent. A. F. Bahlke. 2,197,330–1; Apr. 16.
Lamp and the like, Acetylene. D. Anglada. 2,214,546; Sept. 10.
Lamp arranged for beam and turn indication, Side. C. A. Michel. 2,203,502; June 4.
Lamp, as a spotlight, Crater. P. W. Blackburn. 2,190,308; Feb. 13.
Lamp assembly. F. V. Hicok. 2,225,217; Dec. 17.
Lamp assembly, Head. W. C. Casson. 2,225,980–1; Dec. 24.
Lamp attachment, Electric. F. J. White. 2,214,357; Sept. 10.
Lamp attachment for dry cells. E. Manne. 2,218,356; Oct. 15.
Lamp base and socket, Tubular. A. J. Marshaus. Re. 21,545; Aug. 27.
Lamp bowl, Acetylene. C. S. Packer. 2,216,280; Oct. 1.
Lamp bulb and socket combination, Miniature electric. P. Kollsman. 2,202,155; May 28.
Lamp cathodes, Arc. J. Parisot. 2,185,679; Jan. 2.
Lamp combination, Multiple filament. J. Dulberg. 2,222,655; Nov. 26.
Lamp connection, Electrical. M. M. Clayton. 2,216,765; Oct. 8.
Lamp construction. S. Sher. 2,205,580; June 25.
Lamp construction, Head. J. J. Wharam. 2,210,143; Oct. 22.
Lamp control circuit. I. W. Eisenberg. 2,188,263; Jan. 23.
Lamp cores or bases, Producing incandescent. G. Veszi. 2,225,726; Dec. 24.
Lamp device, Electric. W. Freitag and M. Reger. 2,219,890; Oct. 29.
Lamp device, Gaseous electric discharge. G. Trebbin, W. Lewig, and H.-J. Helwig. 2,200,939; May 14.
Lamp device, Gaseous electric discharge. P. M. van Alphen, E. G. Dorgelo, and H. J. Lemmens. 2,223,470; Dec. 3.
Lamp device, Gaseous electric discharge. G. Zecher and W. Uyterhoeven. 2,213,796; Sept. 3.
Lamp devices, Gaseous electric discharge. H. Alterthum and M. Pirani. 2,199,866; May 7.
Lamp element. M. K. Kaplan. 2,225,538; Dec. 17.
Lamp ejector. G. B. Kurtzon. 2,221,402; Nov. 12.
Lamp fixture. A. O. Elting. 2,197,887; Apr. 23.
Lamp fixture, Electric. P. W. Miller and W. A. Trosen. 2,204,316; June 11.
Lamp flasher, Battery operated gaseous conduction. A. F. Henninger, Jr., and G. D. Henninger. 2,219,923; Oct. 29.
Lamp holder. H. D. Blake. 2,200,978; May 14.
Lamp holder. J. Glassberg. 2,190,834; Feb. 20.
Lamp holder. F. H. Weston. 2,226,292; Dec. 24.
Lamp house construction. H. D. Philips. 2,186,618; Jan. 9.
Lamp meter, Head. L. L. Smalley. 2,197,487; Apr. 16.
Lamp mounting. D. P. Barry and G. J. Seltzer. 2,206,217; July 2.
Lamp or similar device and method of manufacture, Electric. A. Greiner. 2,191,346; Feb. 20.
Lamp or stove, Pressure. T. F. Giles. 2,206,949; July 9.
Lamp receptacle fixture. L. H. Peck. 2,215,715; Sept. 24.
Lamp replacer. H. D. Grinnell. 2,223,344; Dec. 3.
Lamp stand, Electric. A. Matthies. 2,204,508; June 11.
Lamp standard. W. L. Allison. Des. Re. 21,452; May 21.
Lamp structure, Bicycle. W. C. Crimmins. 2,191,932; Feb. 27.
Lamp switch operator. B. Schoenberg. 2,195,582; Apr. 2.
Lamp terminal structure and manufacture. W. Ledig. G. Trebbin, and H. Seffert. 2,216,247; Oct. 1.
Lamp unit, Nonstroboscopic discharge. H. J. McCarthy. 2,195,114; Mar. 26.
Lamp with integral cooling radiation. G. M. Dinnick. 2,190,313; Feb. 13.
Lamps and similar articles, Method and apparatus for manufacturing electric. G. Illingworth. 2,201,694; May 21.
Lamps, Manufacture of. A. Bonney, Jr., and D. S. Gustin. 2,208,113; July 16.
Lamps, Manufacture of fluorescent. C. F. Swinehart and H. C. Froelich. 2,200,221; May 7.
Land and water vehicle. G. E. Powell. 2,223,855; Dec. 3.
Land clearing machine A. S. Kane. 2,187,707; Jan. 16.
Landing and launching device, Marine craft. V. Marianno. 2,188,554; Jan. 30.
Landing device, Blind. E. J. Hefele. 2,226,930; Dec. 31.
Landing equipment, Blind. E. N. Dingley, Jr. 2,224,863; Dec. 17.
Landing gear. C. G. Seyferth. 2,191,866; Feb. 27.
Landing gear. E. R. Warner. 2,211,484; Aug. 13.
Landing gear brake. J. T. Dickson. 2,199,785; May 7.
Landing gear for aircraft. P. W. Thornhill. 2,191,359; Feb. 20.
Landing gear for aircraft. C. E. Weaver. 2,189,093; Feb. 6.
Landing gear for aircraft, Retractable. J. Mercier. 2,212,031; Aug. 20.

Landing gear, Retractable. D. T. Brown. 2,222,975; Nov. 26.
Landing gear, Retractable. O. A. Swanson. 2,185,235; Jan. 2.
Landing system. S. E. Adair. 2,205,185; June 18.
Landscape, Artificial miniature. L. Randel. 2,196,230; Apr. 9.
Landscape pavement. C. H. Rothmann. 2,215,159; Sept. 17.
Lantern. E. H. Adams, Sr. 2,223,345; Dec. 3.
Lantern. F. B. Embury. 2,206,560; July 2.
Lantern, Flashing. R. C. Miller. 2,211,069; Aug. 13.
Lantern, Miner's. P. Carbonara. 2,187,539; Jan. 16.
Lap. E. Van der Pyl. 2,226,506; Dec. 24.
Lap grinding compound. C. A. Hochwalt. 2,193,965; Mar. 19.
Lapping apparatus. D. A. Wallace. 2,195,047; Mar. 26.
Lapping apparatus. D. A. Wallace. 2,195,049; Mar. 26.
Lapping apparatus. D. A. Wallace. 2,195,051–3; Mar. 26.
Lapping apparatus. D. A. Wallace. 2,195,057; Mar. 26.
Lapping apparatus. D. A. Wallace. 2,195,061; Mar. 26.
Lapping apparatus. D. A. Wallace. 2,195,063; Mar. 26.
Lapping apparatus. D. A. Wallace and E. C. Lee. 2,195,054; Mar. 26.
Lapping apparatus. D. A. Wallace and E. C. Lee. 2,195,060; Mar. 26.
Lapping apparatus and method. D. A. Wallace. 2,195,056; Mar. 26.
Lapping apparatus and method. D. A. Wallace. 2,195,062; Mar. 26.
Lapping apparatus and method. D. A. Wallace. 2,195,064; Mar. 26.
Lapping machine. H. W. Dunbar and H. S. Indge. 2,198,377; Apr. 23.
Lapping machine. M. G. Fiedler. 2,208,499; July 16.
Lapping machine. H. S. Indge. 2,200,173; May 7.
Lapping machine. T. H. Nye and H. S. Indge. 2,211,729; Aug. 13.
Large-capacity regulator. G. M. Deming. 2,194,420; Mar. 19.
Larynx, Artificial. R. R. Riesz. 2,202,467; May 28.
Lash adjuster, Hydraulic. J. E. Eshbaugh. 2,203,952; June 11.
Last. W. L. Baxter. 2,219,465; Oct. 29.
Last. J. W. Lefavour. 2,226,775; Dec. 31.
Last. C. De Minico. 2,199,483; May 7.
Last, Adjustable shoe. A. Levin. 2,226,469; Dec. 24.
Last, Hinged. A. W. McNeill. 2,188,414; Jan. 30.
Last jack. W. L. Baxter. 2,193,187; Mar. 12.
Last, Shoe. J. J. Dudenhofen. 2,211,715; Aug. 13.
Lasting machine. A. Bates. 2,225,029; Dec. 17.
Lasting machine. R. W. Cummings. 2,221,864; Nov. 19.
Lasting machine. W. S. Dallas. 2,212,512; Aug. 27.
Lasting machine. R. E. Duplessis. 2,209,962; Aug. 6.
Lasting machine. F. C. Eastman. 2,224,146; Dec. 10.
Lasting machine. F. N. La Chapelle. 2,214,741; Sept. 17.
Lasting machine. W. T. B. Roberts. 2,211,075; Aug. 13.
Lasting machine, Moccasin. F. Ashworth. 2,193,796; Mar. 19.
Lasting plate, Upper. W. H. Nickerson. 2,221,430; Nov. 12.
Lasting tool. J. T. Riddell. 2,212,720; Aug. 27.
Latching device for vacuum cleaners. A. W. Kandetzki. 2,202,056; May 28.

Latch: *See*—

Automobile hood latch.
Bottle feed latch.
Carpet sweeper latch.
Compartment door latch.
Door and window latch.
Door latch.
Drop end gate latch.
Endgate latch.
Fender shield latch.
Friction latch.
Fuel regulator latch.
Garage door latch.
Garbage can latch.
Gate latch.
Hood latch.
Inside control hood latch.
Key-operated latch.
Magnetic latch.
Refrigerator door latch.
Refrigerator latch.
Screen retaining latch.
Sliding seat latch.
Spring latch.
Valve latch
Vehicle door latch.

Latch. L. L. Anderson. 2,186,795; Jan. 9.
Latch. W. D. Ferris. 2,203,817; June 11.
Latch. J. P. Gleason. 2,186,903; Jan. 9.
Latch. A. A. Martin. 2,189,672; Feb. 6.
Latch. E. W. North. 2,210,495; Aug. 6.
Latch. G. E. Roedding. 2,203,341; June 4.
Latch. W. Schemers. 2,197,195; Apr. 16.
Latch. G. D. Sluss. 2,194,408; Mar. 19.
Latch and dovetail structure, Combined. R. W. Butler. 2,187,530–1; Jan. 16.
Latch and indicator, Ring lever. V. H. Severy. 2,216,480; Oct. 1.
Latch and lock mechanism for lockers, etc. E. M. Burke. 2,188,703; Jan. 30.
Latch and safety catch mechanism for lid type automobile hoods. A. Claud-Mantle. 2,188,335; Jan. 30.
Latch and safety catch mechanism for lid type automobile hoods, Dash-operated. A. Claud-Mantle. 2,188,336; Jan. 30.
Latch apparatus. R. R. Andres. 2,196,049; Apr. 2.
Latch control mechanism, Vehicle door. B. J. Craig. 2,187,934; Jan. 23.
Latch device. D. H. Zell. 2,215,309; Sept. 17.
Latch device for accordions, Bellows. C. Lindeberg. 2,197,980; Apr. 23.
Latch for automotive vehicle doors. B. J. Craig. 2,204,208; June 11.
Latch for closure. S. H. Westerheim. 2,221,532; Nov. 12.
Latch for coil tilters, Safety. S. Kash. 2,189,716; Feb. 6.
Latch for metallic grave vaults. A. F. Beck. 2,185,326; Jan. 2.
Latch for overlapping closure. A. J. Komenak. 2,223,765; Dec. 3.
Latch for railway car hatch covers. J. B. Wolf and H. G. Pellnitz. 2,226,683; Dec. 31.
Latch hinge construction. O. Mueller. 2,188,393; Jan. 30.
Latch keeper, Inside control hood. A. E. Peterson. 2,211,217; Aug. 13.
Latch mechanism. O. G. Dennison. 2,205,973; June 25.
Latch mechanism. A. M. Shaffer and J. B. Hatcher. 2,195,542; Apr. 2.
Latch mechanism, Door. F. Kaiser. 2,188,149; Jan. 23.
Latch mechanism, Door. F. Kaiser. 2,222,411; Nov. 19.
Latch mechanism, Door. A. L. Knapp. 2,211,130; Aug. 13.
Latch mechanism, Door. K. M. Sletten. 2,203,845; June 11.
Latch mechanism for cold storage doors and the like. G. P. Wild. 2,207,568–9; July 9.
Latch mechanism for folding body supports on baby carriage chassis. J. A. Mahr. 2,200,889; May 14.
Latch mounting for containers. T. H. White. 2,222,008; Nov. 19.
Latch needle. M. Nebel. 2,192,533; Mar. 5.
Latch, Night. J. H. Brinton. Re. 21,608; Oct. 29.
Latch opening and window pane actuating mechanism, Combination. L. J. Gouin. 2,222,659; Nov. 26.
Latch operating means, Automobile door. H. E. Marsh. 2,201,444; May 21.
Latch operator, Flush type. E. B. Young. 2,191,784; Feb. 27.
Latch or catch for cameras and other structures, Door. H. M. Hendrickson. 2,204,359; June 11.
Latch, safety catch, and lifting mechanism for lid type automobile hoods. A. Claud-Mantle. 2,188,333–4; Jan. 30.
Latch structure, Automobile door. H. W. Rightmyer. 2,192,105; Feb. 27.
Latch structure, Flush door. H. W. Rightmyer. 2,218,960; Oct. 22.
Latch with push-button release, Automatic. H. B. Keats. 2,188,642; Jan. 30.
Latching device. J. W. Albin. 2,186,747; Jan. 9.
Latex and product thereof, Compounding. H. F. Jordan. 2,188,736; Jan. 30.
Latex, Gas expanded. D. D. Roberts. 2,216,785; Oct. 8.
Latex, Preservation of. W. E. Cake and E. M. McColm. 2,219,469; Oct. 29.
Latex, Preservation of. J. McGavack. 2,186,202; Jan. 9.
Latex, System for storing. C. L. Beal. 2,210,160; Aug. 6.
Latex, Treatment of. W. A. Gibbons and J. McGavack. 2,203,866; June 11.
Lath cutting machine, Expanded metal. W. J. Purser and W. C. Coryell. 2,223,497; Dec. 3.
Lath, Expanded metal. E. W. Miller. 2,218,007; Oct. 15.
Lath, Fabricating. G. A. Buttress. 2,219,805; Oct. 29.
Lath, Hollow rib. G. A. Buttress. 2,219,806; Oct. 29.
Lathe. C. A. Bickel and K. H. Wills. 2,208,319; July 16.
Lathe. F. C. Blanchard. 2,225,950; Dec. 24.
Lathe. B. E. Cummings. 2,188,832; Jan. 30.
Lathe. E. E. Kellems and H. M. Dudek. 2,194,393; Mar. 19.
Lathe. A. G. Whitehead and R. R. Raber. Re. 21,446; May 7.
Lathe apron. W. F. Groene and A. W. Aufderhar. 2,194,203; Mar. 19.
Lathe attachment. M. Sainich. 2,201,505; May 21.
Lathe, Automatic. W. Ogilvie. 2,201,051; May 14.
Lathe carriage. C. A. Wills. 2,194,729; Mar. 26.
Lathe, Center drive double end turret. W. F. Groene and H. J. Siekmann. 2,192,436; Mar. 5.
Lathe, Crankshaft. W. F. Groene. 2,191,935; Feb. 27.
Lathe, Crankshaft. W. F. Groene and H. J. Siekmann. 2,191,347; Feb. 20.
Lathe-drill press. W. F. Taylor. 2,226,029; Dec. 24.
Lathe for turning special shapes. A. E. Kelley. 2,192,267; Mar. 5.
Lathe headstock. W. F. Groene, H. C. Kemper, and H. E. Darby. 2,193,279; Mar. 12.
Lathe headstock. R. K. Le Blond and W. F. Groene. 2,197,893; Apr. 23.
Lathe headstock, Roll. W. R. Duda. 2,198,003; Apr. 23.
Lather mixer. M. Langhaus. 2,225,058; Dec. 17.
Lather producing machine. A. B. Campbell. 2,191,450; Feb. 27.
Lathes, Feed mechanism for. W. F. and W. L. Groene. 2,186,168; Jan. 9.
Lathes, grinding machines, and the like, Centering point for. A. Tscherne. 2,209,493; July 30.
Lattice. H. Hill and D. O. Furr. 2,191,566; Feb. 27.
Laundry and garment press. E. Davis. 2,212,190; Aug. 20.

Laundry apparatus. J. E. Martin and E. E. and E. E. Hollander. 2,223,998; Dec. 3.
Laundry articles, Producing. K. Thinius. 2,224,994; Dec. 17.
Laundry bag. C. L. Vadnais. 2,225,089; Dec. 17.
Laundry drier. E. J. Downes. 2,197,100; Apr. 16.
Laundry ironing machine. J. E. Pointon, D. Y. B. Tanqueray, and F. Dewhurst. 2,195,937; Apr. 2.
Laundry machine support. T. J. Litle, Jr. 2,214,733; Sept. 17.
Laundry machine weighting combination. J. J. Kirkman and T. W. Cloney, 2nd. 2,210,246; Aug. 6.
Laundry meter. F. A. Vincent. 2,193,212; Mar. 12.
Laundry press. S. Marvin. 2,186,490; Jan. 9.
Laundry press. S. Marvin. 2,205,597; June 25.
Laundry pressing machine. L. M. and F. J. Kahn. 2,207,096; July 9.
Laundry washer. H. L. Belding. 2,205,130; June 18.
Laundry washing machine. L. Zimarik. 2,194,375; Mar. 19.
Lavaliere. J. W. Bicks. 2,194,379; Mar. 19.
Lavatories, Making. V. J. Graf. 2,210,933; Aug. 13.
Lavatory. W. W. Krolop. 2,192,383; Mar. 5.
Lavatory and clothes wringer, Combination. R. A. McManimen. 2,185,307; Jan. 2.
Lavatory device. E. Henschler. 2,190,068; Feb. 13.
Lavatory or washbasin. H. G. Coordes. 2,185,186; Jan. 2.
Lavatory, Shampoo. J. N. Mayhew. 2,194,804; Mar. 26.
Lawn edger. J. A. Brooks. 2,204,246; June 11.
Lawn edger. B. G. Rudert. 2,215,409; Sept. 17.
Lawn edger. T. Slack. 2,220,552; Nov. 5.
Lawn-mower. J. D. Bobbroff. 2,212,873; Aug. 27.
Lawn mower attachment. A. H. Campbell. 2,193,712; Mar. 12.
Lawn tool. J. Maga. 2,220,342; Nov. 5.
Lawn trimming device. L. W. Scofield. 2,188,961; Feb. 6.
Layboy, Continuous. G. E. Lamb. 2,205,767; June 25.
Lay indicator for wire rope machines. W. E. Somerville. 2,209,584; July 30.
Layers sensitive to light, Making. E. R. Elvegård. 2,223,909; Dec. 3.
Lead alloy. F. Cuvelliez. 2,198,932; Apr. 30.
Lead alloy bearing metal. R. J. Shoemaker. 2,210,504; Aug. 6.
Lead and its oxides and composition of related products, Process and apparatus for the production of compositions of. C. F. Haunz. 2,211,775; Aug. 20.
Lead, Bendable electric. G. E. Megow and H. G. Thomson. 2,203,996; June 11.
Lead compounds, Manufacture of. O. F. Marvin. 2,187,749; Jan. 23.
Lead covered multiconductor electric telephone cable. E. Baguley. 2,212,927; Aug. 27.
Lead cyanamide, Preparation of. D. D. Ashley and C. B. Clark. 2,213,440; Sept. 3.
Lead cyanamide, Preparing. K. D. Ashley and C. B. Clark. 2,213,441; Sept. 3.
Lead for black-lead, colored, and copying pencils and the like. R. Zückert. 2,190,508; Feb. 13.
Lead-in for cathode-ray tubes and the like, Sealed. R. M. Bowie. 2,200,911; May 14.
Lead nitrate solutions, Purifying. B. B. Barrett. 2,187,108; Jan. 16.
Lead nitrato-hypophosphite, Making. W. Brun. 2,202,646; May 28.
Lead ores in the Scotch hearth, Smelting. C. G. Hershey and L. J. Buck. 2,223,211; Nov. 26.
Lead oxide and electrolytic process of forming the same. A. L. Christensen. 2,225,904; Dec. 24.
Lead, Preparing white. E. D. Turnbull. 2,198,641; Apr. 30.
Lead, Refining. H. N. Gilbert. 2,194,441; Mar. 19.
Lead, Refining. R. L. Hallows. 2,217,981; Oct. 15.
Lead styphnate, Manufacture of. W. Brun. 2,202,647; May 28.
Lead, tin, and alloys thereof, Purifying. G. E. Behr. 2,196,050; Apr. 2.
Lead to steel, Method of and apparatus for adding. J. H. Nead. 2,197,259; Apr. 16.
Lead trinitrocresolate, Manufacturing basic. L. Rubenstein. 2,226,391; Dec. 24.
Lead which contains bismuth, Refining. J. O. Betterton and Y. E. Lebedeff. 2,204,651; June 18.
Lead, White. G. W. Thompson and A. Stewart. 2,218,940; Oct. 22.
Lead zirconium silicate, Making. C. J. Kinzie. 2,215,737; Sept. 24.
Lead-in structure, Vacuum-tight insulated. W. E. Bahls. 2,210,699; Aug. 6.
Lead-in-wire cutter, Base pin. J. E. Pray. 2,218,480; Oct. 15.
Leader bar for threading roller machines with strip material. J. G. Jones and A. C. Robertson. 2,211,332; Aug. 13.
Leader construction. J. R. Skoverski. 2,225,135; Dec. 17.
Leader for fishing lines. G. L. Barnett. 2,218,946; Oct. 22.
Leading-in outfit for electric vessels. O. Baier, A. Gaebel, and E. Löpp. 2,219,758; Oct. 29.
Leading iron. J. F. Coppedge. 2,218,420; Oct. 15.
Leaf binding device. E. N. Farkas. 2,206,394; July 2.
Leaf holding device. B. S. Vaughan. 2,196,483; Apr. 9.
Leaf spring. G. D. Mainard. 2,204,940; June 18.
Leaf turner, Mechanical. A. F. Musgrave and T. E. Dinsmoor. 2,225,707; Dec. 24.
Leak detector. M. M. Kinley. 2,210,417; Aug. 6.
Leak resistor. W. C. Linton. 2,206,780; July 2.
Leakage revealing structure for steam boilers, Steam and water. H. W. Poor. 2,189,473; Feb. 6.
Leakage, testing machine. C. A. Longstreet. 2,196,317; Apr. 9.
Leaks in pipe lines, Stopping. G. H. Pfefferle. 2,188,302; Jan. 30.
Leaks in well casings, Locating and cementing off. A. N. McLennan. 2,187,275; Jan. 16.
Leash, Dog. D. E. Gottlieb. 2,222,409; Nov. 19.
Leash, Dog. H. De Sanctis. 2,196,627; Apr. 9.
Leather and other sheet materials, Ornamental. A. Wertheim. 2,188,491; Jan. 30.
Leather and parchment and products obtained thereby, Manufacture of artificial. L. M. C. Champsaur. 2,195,239; Mar. 26.
Leather and process of preparing, Treated. J. H. McGill and W. H. Wedger. 2,217,762; Oct. 15.
Leather and product, Treating. J. H. McGill. 2,217,961; Oct. 15.
Leather and products thereof, Impregnation of. N. N. Gay. 2,219,867; Oct. 29.
Leather articles, Edge finishing. H. A. Davis. 2,200,384; May 14.
Leatherboard, Treating. H. W. Richter. 2,221,329; Nov. 12.
Leather, Composition and process for making. J. V. Vaughen. 2,195,715; Apr. 2.
Leather, Cutting of. L. S. Korsen. 2,217,060; Oct. 8.
Leather dyed with monoazo dyestuffs. E. Fellmer, G. Mauthe, and H. Noerr. 2,188,774; Jan. 30.
Leather finish. D. E. Edgar and P. Robinson. 2,201,892; May 21.
Leather finish. H. J. Haon. 2,191,654; Feb. 27.
Leather, Finishing. L. B. Conant. 2,202,092; May 28.
Leather finishing. H. B. Walker and P. W. McWherter. 2,204,520; June 11.
Leather, Finishing. F. J. Wallace. 2,186,509; Jan. 9.
Leather, Manufacturing white. A. C. Orthmann and F. C. Wright. 2,194,610; Mar. 26.
Leather, Method of and composition for tempering. L. E. Puddefoot. 2,208,701; July 23.
Leather, Production of. G. R. Pensel. 2,226,579; Dec. 31.
Leather, Treating. J. W. Johnson, J. J. Brophy, and A. E. Ushakoff. 2,208,696; July 23.
Leather, Treatment of. O. Grimm and H. Rauch. 2,205,355; June 18.
Leather, Treatment of. J. W. Johnson, J. J. Brophy, and A. E. Ushakoff. 2,208,809; July 23.
Leather, Treatment of chrome. G. Otto and E. Immendoerfer. 2,225,083; Dec. 17.
Leather wringing machine. W. C. Johnson. 2,220,721; Nov. 5.
Lecithin preparation, Soft. G. A. Wiesehahn. 2,194,842; Mar. 26.
Lecithin product and making the same. R. Feibelmann. 2,203,295; June 4.
Lecithin, Water dispersible. S. Jordan. 2,193,873; Mar. 19.
Ledger holder. C. R. Livermon. 2,208,462; July 16.
Leg connection, Artificial. G. E. Forster. 2,194,116; Mar. 19.
Leg construction. T. J. Litle, Jr. 2,204,686; June 18.
Leg, Detachable tub. N. J. Heard. 2,210,930; Aug. 13.
Leg, Extension. J. G. Wakeman. 2,205,869; June 25.
Leg, Folding table. A. O. Hendricks. 2,214,301; Sept. 10.
Leg for furniture. F. W. Eriksson. 2,204,077; June 11.
Leg rest. W. P. Brooks. 2,225,818; Dec. 24.
Legless table. T. A. Nummey. 2,206,422; July 2.
Legend sheet and method of application. W. W. Heintz. 2,200,203; May 7.
Lehr, and annealing glass articles, Annealing. O. Shackelford. 2,197,440; Apr. 16.
Lehr and method of annealing glassware, Annealing. W. S. Randall. 2,203,182; June 4.
Lehr charger. W. S. Mayers. 2,220,454; Nov. 5.
Lehr drive for sheet glass machine. W. Owen. 2,223,122; Nov. 26.
Lehr drive for sheet glass machines. J. H. Redshaw. 2,215,231; Sept. 17.
Lehr feeder. J. E. Figel. 2,203,385; June 4.
Lehr stacker for glassware. O. Shackelford. 2,191,591; Feb. 27.
Lemon juice composition. C. E. Nelson. 2,215,334; Sept. 17.
Lens. S. Rey. 2,224,745; Dec. 10.
Lens and making same, Contact. E. D. Tillyer. 2,211,086; Aug. 13.
Lens and making the same, Ophthalmic. E. D. Tillyer. 2,187,105; Jan. 16.
Lens assembly. A. G. Rayburn. 2,194,614; Mar. 26.
Lens blanks, Mounting of bifocal. F. D. Kinney. 2,223,214; Nov. 26.
Lens, Catadioptrical. R. E. Bitner. 2,215,900; Sept. 24.
Lens, Contact. W. Feinbloom. 2,196,066; Apr. 2.
Lens, Contact. W. Feinbloom. 2,198,868; Apr. 30.
Lens drilling machine. A. E. Maynard. 2,222,538; Nov. 19.

Lens edging machine. E. M. Long. 2,221,737; Nov. 12.
Lens edging machine. A. E. Maynard. 2,209,605; July 30.
Lens, Electromagnetic. T. W. Sukumlyn. 2,219,405; Oct. 29.
Lens, Electron. O. Klemperer. 2,212,208; Aug. 20.
Lens, Electron. H. G. Lubszynski. 2,203,734; June 11.
Lens for electron microscopes, Magnetic. B. von Borries and E. Ruska. 2,209,669; July 30.
Lens grinding and polishing machine. W. A. Lockhart. 2,192,486; Mar. 5.
Lens grinding machine. K. C. Burroughs. 2,214,361; Sept. 10.
Lens groover, Optical. A. F. Williams. 2,188,585; Jan. 30.
Lens hood. R. P. Leavitt and J. S. Beggs. 2,186,610; Jan. 9.
Lens manufacture. J. D. Gamble. 2,213,958; Sept. 10.
Lens mounting. R. F. Metzger. 2,197,504; Apr. 16.
Lens mounting. W. R. Uhlemann. 2,188,380; Jan. 30.
Lens mounting, Ophthalmic. T. E. Bosworth. 2,208,356; July 16.
Lens mounting tool. W. R. Uhlemann. 2,199,581; May 7.
Lens opening control for cameras. L. T. Brown. 2,196,097; Apr. 2.
Lens, Ophthalmic. P. A. K. Boeder, H. W. Hill, and E. D. Tillyer. 2,216,182; Oct. 1.
Lens, Ophthalmic. M. R. Scott and S. Sterling. 2,214,385; Sept. 10.
Lens, Ophthalmic. E. D. Tillyer. 2,209,587; July 30.
Lens, Shielded. D. J. Biller. 2,223,841; Dec. 3.
Lens shifting and focusing mechanism. A. E. Schubert. 2,203,658; June 4.
Lens strap for ophthalmic mountings. B. J. Lowres. 2,220,453; Nov. 5.
Lens structure. T. W. Sukumlyn. 2,216,965; Oct. 8.
Lens surfacing machine. R. F. Duffens. 2,225,826; Dec. 24.
Lens system. L. Bertele. 2,186,621–2; Jan. 9.
Lens system. F. W. Gehrke and R. Tiedeken. 2,187,780; Jan. 23.
Lens system. G. May. 2,215,271; Sept. 17.
Lens system, Catadioptrical. R. E. Bitner. 2,224,178; Dec. 10.
Lens unit, Reflecting. H. R. Lange. 2,213,708; Sept. 3.
Lenses, Making. J. A. Morehead. 2,223,382; Dec. 3.
Lettuce pack and packing lettuce. E. H. Spiegl. 2,203,033; June 4.
Lettuce packing machine. J. W. De Mars. 2,215,094; Sept. 17.
Leuco compounds, Chemical conversion of. G. Lord and G. Reeves. 2,215,555; Sept. 24.
Leuco compounds, Oxidation of. G. Lord and G. Reeves. 2,215,556; Sept. 24.
Leuco sulphuric acid esters of alkyl ethers of Bz-2, Bz-2′-dihydroxy benzanthrone, Manufacture of. O. Stallmann. 2,188,320; Jan. 30.
Leuco sulphuric acid esters of vat dyestuffs of the anthanthrone series. W. Zerweck and J. Riedmair. 2,218,801; Oct. 22.
Level. J. L. Stephan. 2,220,029; Oct. 29.
Level and clinometer. A. L. Monger and W. A. Guthbert. 2,206,420; July 2.
Level apparatus, Constant. M. Weber. 2,207,527; July 9.
Level control, Automatic. P. Schlumbohm. 2,195,387; Mar. 26.
Level, Illuminated. S. J. Morris. 2,198,945; Apr. 30.
Level indicator for use in cementing wells. C. R. Dale. 2,213,486; Sept. 3.
Level, Machinist's precision. W. B. Fell. 2,211,201; Aug. 13.
Level maintaining device. R. L. Jewell. 2,214,556; Sept. 10.
Level, Precision spirit. D. W. Mann. 2,206,817; July 2.
Leveler and checker, Combination. A. G. Gurries. 2,208,526; July 16.
Leveler, Ground. G. A. Partridge. 2,202,815; June 4.
Leveler, Land. J. M. Rae and S. F. Scott. 2,189,962; Feb. 13.
Leveling device. S. L. G. Knox and F. O. Blackwell, Jr. 2,202,009; May 28.
Levels, Means for illuminating. E. G. Sauter and F. Notwell. 2,205,733; June 25.
Lever, Brake. S. A. Snell. 2,222,492; Nov. 19.
Lever control valve. A. Krieg and W. D. Macgeorge. 2,226,533; Dec. 31.
Lever for clockwork mechanisms, Pallet. H. Junghans. 2,190,156; Feb. 13.
Lever, Friction brake. H. S. Jandus. 2,195,313; Mar. 26.
Lever, Hand. S. Schnell. 2,206,647; July 2.
Lever lock mechanism. J. C. Wahl. 2,189,051; Feb. 6.
Lever mechanism, Ratio changing. W. F. Boldt. 2,190,972; Feb. 20.
Lever propulsion device for bicycles, etc. I. Bencivenga-Barbaro. 2,218,079; Oct. 15.
Lever type threading die. W. J. Hogg. 2,219,316; Oct. 29.
Leverage mechanism, Automatic variable. S. Schnell. 2,206,648; July 2.
Leverage ratio changing mechanism, Automatic. S. Schnell. 2,211,438; Aug. 13.
Lice exterminator, Poultry. H. J. Smith. 2,191,548; Feb. 27.
License plate and case therefor, Illuminated. A. H. Hoover and H. D. Clark. 2,203,785; June 11.
License plate and holder. W. W. Dittmar. 2,211,923; Aug. 20.
License plate attachment. E. Kuenning. 2,211,135; Aug. 13.
License plate frame. L. C. Thomas. 2,211,085; Aug. 13.
License plate holder. B. L. Seeley. 2,192,561; Mar. 5.
License plate holder. F. J. Zimowske. 2,221,503; Nov. 12.
License plate holder, Automobile. T. E. Eckler. 2,185,787; Jan. 2.
License plate, Vehicle. J. P. Meehan. 2,185,945; Jan. 2.
License tag and frame holder therefor. H. G. Robinson. 2,212,403; Aug. 20.
License tag cover. A. M. M. Salducco. 2,190,571; Feb. 13.
License tag supporting frame. S. E. Heren. 2,213,909; Sept. 3.
Lid brace. R. F. De Boer, E. Gillisse, and J. L. Flora. 2,212,977; Aug. 27.
Lid, Cooking vessel. A. M. Schoenberg. 2,220,664; Nov. 5.
Lid for cabinets, Sliding. J. Weilemann. 2,223,023; Nov. 26.
Lid holder. I. J. Kuert. 2,198,825; Apr. 30.
Lid, Journal box. A. O. Buckius. 2,207,047; July 9.
Lid, Journal box. G. B. Dorey. 2,223,340; Dec. 3.
Lid, Journal box. H. J. Horn. 2,197,472; Apr. 16.
Lid, Stove. W. E. Kullberg. 2,200,180; May 7.
Lid structure, Journal box. T. R. Weber. 2,189,355; Feb. 6.
Lid support. G. H. Johnson. 2,209,977–8; Aug. 6.
Lid support. I. J. Kuert. 2,200,556; May 14.
Lid support. A. F. Lickteig. 2,213,319; Sept. 3.
Lid support. W. R. Lustig. 2,206,909; July 9.
Lid support. W. R. Lustig. 2,209,986; Aug. 6.
Lid support. R. D. Neal. 2,195,093; Mar. 26.
Lifeboat and propelling mechanism therefor. E. E. Barnes. 2,193,682; Mar. 12.
Lifeboat launching and releasing device. J. T. Dahl. 2,199,393; May 7.
Lifeboat launching device. T. Niblett. 2,213,636; Sept. 3.
Life preserver. S. Kienitz. 2,226,564; Dec. 31.
Life preserver inflation means. H. E. Murray and E. T. Christopher. 2,202,225; May 28.
Life preserver, Self-inflating. E. T. Christopher and H. E. Murray. 2,202,415; May 28.
Lifesaving apparatus. C. R. Purdy. 2,192,203; Mar. 5.
Lifesaving device. S. G. Carroll. 2,206,160; July 2.
Lifesaving device. L. C. Gray. 2,210,809; Aug. 6.
Lift. I. C. Thompson and F. W. Sturm. 2,224,529; Dec. 10.
Lift, Automobile. A. Jackson and V. S. Makaroff. 2,201,179; May 21.
Lift, Automobile. A. Jackson and V. S. Makaroff. 2,208,983; July 23.
Lift, Fluid. P. M. Sieck and R. M. Holloway. 2,186,886; Jan. 9.
Lift for shoe heels, Detachable. M. Mayor. 2,187,167; Jan. 16.
Lift for tractor buck rakes, Automatic. G. W. Lewis. 2,185,794; Jan. 2.
Lift, Grain drill power. K. H. Krause. 2,223,624; Dec. 3.
Lift mechanism, Dual control. R. A. Aucoin. 2,197,064; Apr. 16.
Lift mechanism for strip guides. W. C. McBain. 2,192,409; Mar. 5.
Lift mechanism for tractors. A. C. Lindgren and C. W. Mott. 2,213,401; Sept. 3.
Lift, Pneumatic automobile. W. A. Bary and A. Jackson. 2,201,147; May 21.
Lift, Pneumatic automobile. V. S. Makaroff and A. Jackson. 2,201,189; May 21.
Lift-turn valve, Multiport. C. T. McGill. 2,209,992; Aug. 6.
Lift, Water. U. G. Rogers. 2,201,503; May 21.

Lifter: *See*—
- Beet lifter.
- Core lifter.
- Crop lifter.
- Greeting light.
- Hydraulic valve lifter.
- Jar lifter.
- Pan lifter.
- Plate lifter.
- Roast, cake, and pie lifter.
- Sheet lifter.
- Storage battery lifter.

Lifter. H. L. Campbell. 2,204,843; June 18.
Lifter. C. J. Tupy. 2,226,789; Dec. 31.
Lifter and balancer, Load. J. P. Lannen. 2,188,364; Jan. 30.
Lifter for containers, Lid. G. F. Mayfield. 2,223,695; Dec. 3.
Lifting and conveying apparatus. C. D. Reed and R. L. Riley. 2,213,718; Sept. 3.
Lifting and transporting apparatus. J. J. Fields. 2,187,198; Jan. 16.
Lifting and vibratory jack, Combined. E. B. Thompson. 2,214,980; Sept. 17.
Lifting apparatus, Portable. W. F. Gemmill. 2,217,898; Oct. 15.
Lifting device. A. L. Johnson. 2,193,424; Mar. 12.
Lifting device. D. Richard. 2,226,637; Dec. 31.

Lifting implement. E. W. Horner. 2,214,417; Sept. 10.
Lifting implement. E. F. Shipman and W. Stader. 2,209,424; July 30.
Lifting jack. L. G. Ehrke. 2,213,084; Aug. 27.
Lifting jack. A. L. Johnson. 2,205,691; June 25.
Lifting jack. A. L. Johnson. 2,213,672; Sept. 3.
Lifting jack. L. B. Kimbrell. 2,188,838; Jan. 30.
Lifting jack. M. B. Lucker. 2,227,393–5; Dec. 31.
Lifting jack. H. A. Myers. 2,195,372; Mar. 26.
Lifting jack. H. Nilson. 2,213,285; Sept. 3.
Lifting jack. A. J. Rhodes. 2,219,455; Oct. 29.
Lifting jack. W. S. Saunders. 2,212,051; Aug. 20.
Lifting jack, Fluid pressure. G. G. Hein, R. J. Statz, and T. H. Buenger. 2,199,158; Apr. 30.
Lifting means for automobile hoods. W. H. Krause. 2,227,144; Dec. 31.
Lifting mechanism. J. J. Mizer. Re. 21,560; Sept. 10.
Lifting mechanism for tractors. C. W. Mott. 2,222,115; Nov. 19.
Lifting platform. W. Muller. 2,211,474; Aug. 13.
Lifting tool. W. C. Harper. 2,213,137; Aug. 27.
Ligature for reed instruments. G. M. Bundy and E. Brand. 2,200,054; May 7.

Light: *See*—

Beacon light.	Fog light.
Bed light.	Lock light.
Convertible light.	Pilot light.
Dead light.	Revolving reflector light.
Electric shaver light.	Signal light.
Emergency exit light.	Vehicle light.
Engine light.	Water and gas tight light.

Light and grille therefor, Roof. L. W. Mulford. 2,199,244; Apr. 30.
Light and lighting system, Combined direct and indirect. H. R. Robinson and A. J. C. Knudstrup. 2,205,310; June 18.
Light and the like, Carbide water. R. A. Hunter. 2,220,767; Nov. 5.
Light assembly, Pilot. A. J. Foute. 2,192,345; Mar. 5.
Light assembly, Pilot. A. J. Foute. 2,220,515–16; Nov. 5.
Light attachment for irons. I. Johnson. 2,209,086; July 23.
Light beam protecting system, Motion picture. L. Schwarzmayr. 2,196,400; Apr. 9.
Light bulb and control switch therefor, Multifilament electric. 2,203,762; June 11.
Light casing. J. D. Langdon. 2,201,044; May 14.
Light control system. L. Dewan. 2,199,394; May 7.
Light-controlled actuating device. E. Brenner. 2,187,012; Jan. 16.
Light decomposing and assembling device. H. J. Murray. 2,225,922; Dec. 24.
Light device. H. H. Root and K. Rau. 2,188,797; Jan. 30.
Light diffusing element, Forming a. J. Frei, Jr. 2,189,860; Feb. 13.
Light directing device. R. T. Zwack. 2,187,551; Jan. 16.
Light display device. A. C. Walaity. 2,193,577; Mar. 12.
Light dividing device. J. A. Ball and W. E. Pohl. 2,189,932–3. Feb. 13.
Light emitting element mounting. C. M. Slessman. 2,223,273; Nov. 26.
Light filter. E. Links. 2,211,238; Aug. 13.
Light filter, Synthetic resin. I. C. Matthews and G. M. Atkins. 2,193,035; Mar. 12.
Light fixture. C. D. McCann. 2,216,444; Oct. 1.
Light fixture, Electric. A. A. Johnson. 2,194,905; Mar. 26.
Light fixture, Electric. E. R. Kulka. 2,218,173; Oct. 15.
Light fixture, Electric. M. Scott. 2,195,154; Mar. 26.
Light fixture, Electric. L. J. Williams. 2,187,846; Jan. 23.
Light fixture for telephone booths. F. A. Kuntz. 2,225,057; Dec. 17.
Light for airports, Marker. E. M. Glasgow. 2,191,379; Feb. 20.
Light for bicycles, Electric. E. J. Beck and G. G. Bluemink. 2,199,064; Apr. 30.
Light for spectacles, Automatic. W. O. Anderson. 2,196,543; Apr. 9.
Light from surfaces, and articles so produced, Decreasing reflection of. C. H. Cartwright and A. F. Turner. 2,207,656; July 9.
Light in artificial lure or bait, Electric. E. H. Bailey. 2,197,372; Apr. 16.
Light indicator. J. E. Paul and C. B. Lee. 2,198,443; Apr. 23.
Light inspection or display device. E. A. J. Tunnicliffe. 2,217,262; Oct. 8.
Light intensities for the producing of colored photographic prints, Determination of printing. W. Michaelis. 2,223,008; Nov. 26.
Light, Means for comparative determination of transmitted and reflected. L. G. Townsend. 2,196,234; Apr. 9.
Light measuring apparatus. M. W. Scheldorf. 2,225,353; Dec. 17.
Light measuring apparatus for enlargers. J. W. Gillon. 2,218,236; Oct. 15.
Light measuring apparatus for photographic cameras. O. Riszdorfer. 2,213,942; Sept. 3.
Light meter, Portable. S. Zipser. 2,202,939; June 4.
Light modulating system. H. Eisenhut and H. Eales. 2,206,169; July 2.
Light modulation system. A. W. Barber. 2,219,676; Oct. 29.
Light modulation system. J. N. Whitaker. 2,212,966; Aug. 27.
Light or the like, Sewing machine. H. B. Barber. 2,226,689; Dec. 31.
Light polarizing body. C. H. Brown. 2,224,214; Dec. 10.
Light-producing system and operating same, Alternating current. E. R. Geib, S. W. Orne, and D. B. Joy. 2,195,329; Mar. 26.
Light projecting apparatus. R. G. Mobarry. 2,195,184; Mar. 26.
Light projecting machine. H. W. Leavitt. 2,224,686; Dec. 10.
Light projecting machine, Color. J. Venetta. 2,211,677; Aug. 13.
Light projection system. C. J. R. H. von Wedel. 2,216,993; Oct. 8.
Light-resistant compositions, Production of. E. H. Addison. 2,194,629; Mar. 26.
Light-responsive control mechanism. W. D. Foster and E. L. Parmelee. 2,213,212; Sept. 3.
Light-selector system, Automatic. W. R. Curtiss. 2,187,018; Jan. 16.
Light sensitive device. J. W. Logan, Jr. 2,207,097; July 9.
Light-sensitive layers, Production of diazotype. W. P. Leuch. 2,198,827; Apr. 30.
Light signal. W. B. Wells. 2,190,526; Feb. 13.
Light signal for railroads. O. S. Field. 2,217,218; Oct. 8.
Light source. A. F. and G. D. Henninger. 2,217,315; Oct. 8.
Light source. G. Sperti. 2,196,568; Apr. 9.
Light source for examinations of transparent media, Electric. L. F. Borchardt. 2,206,344; July 2.
Light source for projection systems. G. Mili. 2,190,294; Feb. 13.
Light source, High intensity. C. G. Suits. 2,208,439; July 16.
Light, Source of ultra violet. J. A. Hannum. 2,216,237; Oct. 1.
Light switch, Safety. G. H. Bruington. 2,201,078; May 14.
Light transmitting structure. J. O. Chertkof. 2,198,450; Apr. 23.
Light uniformly, Distributing. H. J. Brunk. 2,204,297; June 11.
Lighter. I. Florman. 2,224,341; Dec. 10.
Lighter. M. Gabritsch. 2,211,500; Aug. 13.
Lighter. J. Holtzman. 2,208,672; July 23.
Lighter. C. F. Larsen and G. McCornick. 2,214,336; Sept. 10.
Lighter. J. Rosby. 2,212,353; Aug. 20.
Lighter. G. P. Schmitt. 2,189,999; Feb. 13.
Lighter. H. G. Shakespeare and W. G. Balz. 2,220,978; Nov. 12.
Lighter and extinguisher, Candle. H. Van Horn. 2,191,302; Feb. 20.
Lighter and safety control construction, Gas. E. W. Roberts and T. L. Ferrall. 2,195,903; Apr. 2.
Lighter, Cigar. P. E. Ashton. 2,203,662; June 11.
Lighter, Cigar. G. F. Bahr. 2,213,266; Sept. 3.
Lighter, Cigar. G. F. Bahr. 2,213,373; Sept. 3.
Lighter, Cigar. F. Bain. Re. 21,546; Sept. 3.
Lighter, Cigar. J. H. Cohen. 2,201,952; May 21.
Lighter, Cigar. J. H. Cohen. 2,210,025; Aug. 6.
Lighter, Cigar. R. D. Conboy. 2,224,030; Dec. 3.
Lighter, Cigar. A. A. Johnson. 2,196,151; Apr. 2.
Lighter, Cigar. A. A. Johnson. 2,219,548; Oct. 29.
Lighter, Cigar. A. A. Johnson. 2,220,015; Oct. 29.
Lighter, Cigar. H. G. Lehmann. 2,224,033–4; Dec. 3.
Lighter, Cigar. J. Sinko. 2,215,771; Sept. 24.
Lighter, Cigar or cigarette. M. M. Lukezic. 2,198,311; Apr. 23.
Lighter, Cigar or cigarette. L. L. D. Stratton. 2,198,234; Apr. 23.
Lighter, Cigarette. I. Florman. 2,203,681; June 11.
Lighter, Cigarette. I. Florman. 2,224,258; Dec. 10.
Lighter, Combination cigar and cigarette. R. Mayer. 2,226,250; Dec. 24.
Lighter, Desk. M. E. Trollen. 2,196,879; Apr. 9.
Lighter, Electric. W. N. Kravchuk. 2,199,885; May 7.
Lighter, Electric candle. W. R. Lamm. 2,205,856; June 25.
Lighter, Electric cigar. P. E. Ashton. 2,223,654; Dec. 3.
Lighter, Electric cigar. J. Sinko. 2,220,625; Nov. 5.
Lighter for automotive vehicles, Cigar. E. L. Mayo. 2,220,607; Nov. 5.
Lighter, Friction wheel pocket. H. Drollinger. 2,188,000; Jan. 23.
Lighter, Gas. C. F. Larsen. 2,185,204; Jan. 2.
Lighter, Pocket. E. Körner. 2,210,322; Aug. 6.
Lighter, Pocket. R. Nyden. 2,192,364; Mar. 5.
Lighter, Pyrophoric. L. Bolle. 2,194,844; Mar. 26.
Lighter, Pyrophoric. A. Dubsky. 2,188,037; Jan. 23.
Lighter, Pyrophoric. A. Racek. 2,219,531; Oct. 29.
Lighting and air impelling device. W. A. Brown. 2,201,153; May 21.
Lighting and indicating system. F. A. Reno. 2,197,838; Apr. 23.

Lighting apparatus, Decorative. M. Wetzel. 2,216,260; Oct. 1.
Lighting apparatus, Highway. M. Cohu and A. Trequigneaux. 2,196,548; Apr. 9.
Lighting control system. A. R. Locke. 2,222,871; Nov. 26.
Lighting device. A. Claude. 2,221,862; Nov. 19.
Lighting device. E. R. Lundstrom. 2,201,045; May 14.
Lighting device. H. C. Noe. 2,185,694; Jan. 2.
Lighting device. J. C. White. 2,202,278; May 28.
Lighting device for gas burners. C. S. Stuckenholt and L. Jaros. Re. 21,496; June 25.
Lighting device for the drill head of a dental drill, Electric. M. Kraus. 2,226,616; Dec. 31.
Lighting device for use on bicycles and the like. J. G. McComb. 2,185,600; Jan. 2.
Lighting element and fixture therefor. D. F. Sawyer. 2,205,672; June 25.
Lighting equipment, Vehicle. L. C. Doane. 2,201,856; May 21.
Lighting fitting, Indirect. G. D. Skinner. 2,215,234; Sept. 17.
Lighting fixture. C. W. Delfel. 2,211,258; Aug. 13.
Lighting fixture. W. W. Kantack. 2,196,214; Apr. 9.
Lighting fixture. M. E. Kanter. 2,218,541; Oct. 29.
Lighting fixture. W. F. Little. 2,204,687; June 18.
Lighting fixture. T. D. Phillips. 2,202,266; May 28.
Lighting fixture. L. Schepmoes. 2,192,019; Feb. 27.
Lighting fixture. L. Schepmoes. 2,221,954; Nov. 19.
Lighting fixture. W. Wilson. 2,200,611; May 14.
Lighting fixture construction. J. Mielziner and J. Levy. 2,226,252; Dec. 24.
Lighting fixture, Electric. G. E. MacFadden. 2,222,980; Nov. 26.
Lighting fixture for railway cars and the like. L. L. Stewart. 2,204,327; June 11.
Lighting fixtures, Ceiling and wall. W. H. Knapp. 2,207,408; July 9.
Lighting means for phonographs and the like. A. B. Christensen. 2,209,072; July 23.
Lighting means, High intensity. W. C. Huebner. 2,210,537; Aug. 6.
Lighting signal. S. C. Pace. 2,190,123; Feb. 13.
Lighting switch. H. Catron and D. J. Chapman. 2,193,268; Mar. 12.
Lighting system. R. K. Squires. 2,190,739; Feb. 20.
Lighting system and control switch for the same, Automobile. C. I. Erickson. 2,186,911; Jan. 9.
Lighting system for automobiles. E. Bave. 2,214,447; Sept. 10.
Lighting system for automotive vehicles, Safety. H. E. Johnson. 2,223,616; Dec. 3.
Lighting system for use on vehicles to facilitate passing at night. M. Schuermans and A. Baret. 2,198,554; Apr. 23.
Lighting system for vehicles, Auxiliary safety. W. M. Dettweiler. 2,193,063; Mar. 12.
Lighting system, Indicating failures in an automotive. 2,220,100; Nov. 5.
Lighting unit. A. F. Pieper. 2,215,531; Sept. 24.
Lighting unit. F. C. Winkler. 2,214,600; Sept. 10.
Lighting unit. F. C. Winkler. 2,217,463; Oct. 8.
Lighting unit, Built-in. D. H. Tuck and S. J. Harris. 2,218,731; Oct. 22.
Lightning arrester. C. W. Hansell. 2,194,145; Mar. 19.
Lightning arrester. F. B. Johnson. 2,217,482; Oct. 8.
Lightning arrester. J. R. McFarlin. 2,192,773; Mar. 5.
Lights for profile tracers, Direction indicating. G. M. Garrison, L. C. G. Huhn, and H. S. Allison. 2,213,959; Sept. 10.
Lignin-containing press mass, Manufacture of. H. Burmeister. 2,192,030; Feb. 27.
Lignocellulosic material and making same, Molded. A. W. Schorger and J. H. Ferguson. 2,196,277; Apr. 9.
Limb, Artificial. G. E. Beck. 2,207,473; July 9.
Lime burning and kiln therefor. J. F. Simpson. 2,222,244; Nov. 19.
Lime, Carbonating. H. E. Stump. 2,198,640; Apr. 30.
Lime spreader, Motor truck. E. M. and J. C. Fulkerson. 2,200,165; May 7.
Lime-zeolite water-softening process. R. Furness and H. J. Wheaton. 2,206,691; July 2.
Limes, Making plastic hydraulic. W. E. Carson. 2,193,391; Mar. 12.
Limestone, Calcining comminuted. W. H. MacIntire. 2,212,446; Aug. 20.
Limestones, Treating magnesia-containing. W. J. Young. 2,196,949; Apr. 9.
Limit switch. M. E. Weeks. 2,203,709; June 11.
Line adjuster. P. C. Fly. 2,220,366; Nov. 5.
Line anchoring device, Mason's. O. E. Frisk. 2,215,663; Sept. 24.
Linecasting and composing machine. L. M. Potts. Re. 21,543; Aug. 27.
Line casting machine. C. J. Rubb. 2,206,754; July 2.
Line check valve. E. A. Corbin, Jr. 2,210,282; Aug. 6.
Line clamp. O. J. Simler. 2,202,968; June 4.
Line clamp. G. F. Wise. 2,202,976; June 4.
Line clamp. J. L. Yonkers. 2,206,653; July 2.
Line cleaning device. L. H. Zisman. 2,222,191; Nov. 19.
Line, Concentric. L. J. Wolf. 2,203,806; June 11.
Line conductor reinforcement and tie. R. Selquist. 2,202,538; May 28.
Line-conductor tap, Overhead. F. F. Fowle. 2,216,705; Oct. 1.
Line construction for slush pumps. L. W. Stahl and R. L. Foster. 2,207,112; July 9.
Line coupling. J. H. Paisley. 2,203,922; June 11.
Line designating machine. J. A. Gottlieb. 2,204,305; June 11.
Line drop compensator. F. J. Champlin. 2,218,672; Oct. 22.
Line drop compensator. T. C. Lennox and S. Minneci. 2,204,418; June 11.
Line drop compensator. W. J. McLachlan. 2,218,762; Oct. 22.
Line guide for fishing rods. H. R. Doremus. 2,216,002; Sept. 24.
Line indicating device. P. O. Unger. 2,208,203; July 16.
Line indicating device. P. O. Unger, C. H. Law, and J. H. Talmage. 2,208,233; July 16.
Line indicator. B. E. Van Alstyne. 2,197,164; Apr. 16.
Line justification means, Automatic. S. M. Fomenko. 2,215,119; Sept. 17.
Line justifier for key operated printing machines. W. J. Hausman. 2,205,289; June 18.
Line justifier for typewriting machines. L. E. Potter. 2,223,529; Dec. 3.
Line justifying mechanism. D. A. Roberts. 2,192,330; Mar. 5.
Lineman's protective device. H. W. Johns. 2,205,039; June 18.
Line painting apparatus. L. W. Cornelison. 2,192,433; Mar. 5.
Line shut-off, Automatic. J. A. Coy. 2,227,297; Dec. 31.
Line spacer. G. H. Boyd. 2,193,220; Mar. 12.
Line spooler, Hydraulic. S. T. Peppard. 2,192,201; Mar. 5.
Line supporting clip. P. W. Adler. 2,215,283; Sept. 17.
Line supporting device and installation. G. H. Burton. 2,188,032; Jan. 23.
Line tightener. P. E. Bertram. 2,188,937; Feb. 6.
Linear displacements, Amplifying. A. H. Johnson. 2,208,635; July 23.
Linear polyamide composition, Plasticized synthetic. P. R. Austin. 2,214,397; Sept. 10.
Linear polyamide composition, Plasticized synthetic. D. D. Coffman. 2,214,405; Sept. 10.
Linen and like bast fiber material, Bleaching. E. Butterworth and B. P. Ridge. 2,202,333; May 28.
Liner. D. Grandinetti. 2,188,111; Jan. 23.
Liner, Bag strip. E. P. Brown. 2,206,596; July 2.
Liner for ball mills. C. J. Abrams. 2,193,956; Mar. 19.
Liner for internal combustion engines. K. Wilcken, F. Kliempt, W. Fritz, and W. Heck. 2,203,885; June 11.
Liner for molds for linotype machines. J. J. Koblinski. 2,204,314; June 11.
Liner for separating adhesive material. W. R. Hickler. 2,201,537; May 21.
Liner for wells. J. S. Carroll. 2,226,804; Dec. 31.
Liner, Fruit box. W. F. Luce and C. C. Kennedy. 2,206,014; July 2.
Liner hanger. K. Ford. 2,201,433; May 21.
Liner pipe, Screen wrapped perforated. N. Johnston. 2,217,370; Oct. 8.
Liner, Pump. P. L. Scott. 2,204,626; June 18.
Liner, Pump shoulder. F. B. Allen. 2,223,653; Dec. 3.
Liner segment. R. V. Proctor. 2,217,292; Oct. 8.
Liner, Tunnel. J. L. Gillman, Jr. 2,206,825; July 2.
Liners in wells, Setting drillable. E. B. Hall and A. L. Armentrout. 2,205,119; June 18.
Liners, Testing vessel. L. J. Larson. 2,222,079; Nov. 19.
Lines and circuits therefor, Concentric. P. D. Zottu. 2,203,481; June 4.
Lingerie clip. E. M. Lovejoy. 2,194,709; Mar. 26.
Lining, Abrasion resistant furnace. R. C. Benner and G. J. Easter. 2,220,701; Nov. 5.
Lining and process of making, Fused Jordan. H. D. Stuck. 2,187,504; Jan. 16.
Lining attachment for beveling machines. V. E. Royle. 2,197,484; Apr. 16.
Lining, Coat. D. Levine. 2,209,838; July 30.
Lining, Flue. L. Wilson. 2,213,354; Sept. 3.
Lining for garments. E. E. Meier. 2,204,094; June 11.
Lining for overcoats, Sleeved. C. B. Shane. 2,198,064; Apr. 23.
Link, Adjustable. M. W. Newcomb. 2,205,065; June 18.
Link chain. E. A. Dennison. 2,188,833; Jan. 30.
Link, Connecting. L. G. Ehmann. 2,226,755; Dec. 31.
Link for antiskid chains, Reinforced. J. R. Reyburn. 2,213,593; Sept. 3.
Link mechanism for turnbuckles. G. J. Rumpler. 2,198,181; Apr. 23.
Link, Swing. E. H. Piron. 2,226,636; Dec. 31.
Linkage. C. H. Kestenman. 2,225,745–6; Dec. 24.
Links and antiskid cross chains therefrom, Making. A. L. McKinnon. 2,223,942; Dec. 3.
Linotype machine accessory. D. B. Ellis. 2,226,305; Dec. 24.
Linoxin-like material and process of manufacture. R. Priester. 2,185,967; Jan. 2.
Lint treating device. R. W. McLean. 2,205,017; June 18.
Lipins and preparing the same, Clear aqueous solutions of. H. E. Schultze. 2,185,969; Jan. 2.

Lipophilic-hydrophilic derivatives of thio compounds. B. R. Harris. 2,201,535; May 21.
Lip-setting and trimming machine. A. R. Ridderstrom. 2,206,855; July 2.
Lipstick and similar case. G. A. J. Bezault. 2,209,147; July 23.
Lipstick applicator. I. Bloom. 2,201,467; May 21.
Lipstick appliance. M. J. Stogran. 2,196,127; Apr. 2.
Lipstick construction. G. N. Bolinger. 2,205,808; June 25.
Lipstick device. J. L. Younghusband. 2,193,995; Mar. 19.
Lipstick device. J. L. Younghusband. 2,223,979; Dec. 3.
Lipstick display package. B. C. Gomes and L. G. Filho. 2,212,397; Aug. 20.
Lipstick holder. G. P. Peterson. 2,212,573; Aug. 27.
Lipstick holder, Rotary. R. F. Landwehr. 2,222,415; Nov. 19.
Lipstick spreader. J. F. Skold. 2,219,754; Oct. 29.
Liquefier. A. T. Thompson. 2,187,919; Jan. 23.
Liquefier and method of carbonating beverages. A. T. Thompson. 2,217,391; Oct. 8.
Liquefier, Power driven. F. R. Chester. 2,203,672; June 11.
Liquid and vapor contacting device. D. F. Stedman. 2,227,164; Dec. 31.
Liquid atomizing device. H. F. Simon. 2,186,214; Jan. 9.
Liquid chilling device. H. Bolas. 1,216,762; Oct. 8.
Liquid clarification. N. B. Lund. 2,215,185; Sept. 17.
Liquid congealing apparatus. J. N. Saler. 2,220,850; Nov. 5.
Liquid congealing apparatus. M. G. Shoemaker. 2,196,331; Apr. 9.
Liquid container. F. O. Conill. 2,197,449. Apr. 16.
Liquid container. E. M. Fougera. 2,222,290; Nov. 19.
Liquid container. M. Scharmett. 2,218,483; Oct. 15.
Liquid control gear. A. N. Lawrence. 2,197,554; Apr. 16.
Liquid control structure. E. Orshansky, Jr., and C. G. Moller, 3rd. 2,225,082; Dec. 17.
Liquid control system. M. H. Loughridge. 2,196,999; Apr. 16.
Liquid control valve. G. J. Koehler. 2,226,169; Dec. 24.
Liquid controlled device. C. Collins. 2,205,811; June 25.
Liquid cooled brake. J. H. Wilson. 2,191,604; Feb. 27.
Liquid cooler. D. O. Brant. 2,210,200; Aug. 6.
Liquid cooler. C. Di Felice. 2,189,281; Feb. 6.
Liquid cooler. J. D. Thayer. 2,210,513; Aug. 6.
Liquid cooling and dispensing apparatus. H. H. Harr and L. Samel. 2,186,723; Jan. 9.
Liquid cooling means and container therefor. K. R. Blake. 2,185,799; Jan. 2.
Liquid detecting device. H. E. Jordan. 2,190,027; Feb. 13.
Liquid dispenser. H. C. Allen. 2,192,592; Mar. 5.
Liquid dispenser. J. M. Coffey and R. C. English. 2,205,875; June 25.
Liquid dispenser. W. A. Gabriel. 2,198,811; Apr. 30.
Liquid dispenser. W. Tamminga. 2,186,083; Jan. 9.
Liquid dispenser, Self-measuring. A. D. Walstrom. 2,204,838; June 18.
Liquid dispensing apparatus. R. E. Bechtold. 2,194,843; Mar. 26.
Liquid dispensing apparatus. F. B. Brown. 2,222,704; Nov. 26.
Liquid dispensing apparatus. W. M. Carroll. 2,199,480; May 7.
Liquid dispensing apparatus. R. J. Jauch. 2,216,975; Oct. 8.
Liquid dispensing apparatus. F. V. Mayo. 2,198,879; Apr. 30.
Liquid dispensing apparatus. F. V. Mayo. 2,212,241; Aug. 20.
Liquid dispensing apparatus. J. Retsema. 2,190,908; Feb. 20.
Liquid dispensing apparatus. J. S. Sander. 2,195.939; Apr. 2.
Liquid dispensing apparatus. H. Shapiro. 2,208,550; July 16.
Liquid dispensing apparatus. F. W. Sturm. 2,191,870; Feb. 27.
Liquid dispensing apparatus. C. W. Sweitzer. 2,187,868; Jan. 23.
Liquid dispensing container. N. W. Halsey. 2,212,367; Aug. 20.
Liquid dispensing device. L. G. Bates. 2,214,714; Sept. 10.
Liquid dispensing device. E. R. Hacmac. 2,193,232; Mar. 12.
Liquid dispensing device. P. Slobody. 2,200,585; May 14.
Liquid dispensing device. L. T. Ward. 2,205,938; June 25.
Liquid dispensing device, Self-service. S. E. Pruitt. 2,218,103; Oct. 15.
Liquid dispensing indicator. J. H. Chaplin. 2,207,284; July 9.
Liquid dispensing receptacle. W. Tamminga. 2,220,466; Nov. 5.
Liquid-dispensing system. H. P. Guillo. 2,225,446; Dec. 17.
Liquid dispensing system. E. F. McCrory. 2,189,448; Feb. 6.
Liquid dispensing system. A. G. Wheler and M. J. Roznowski. 2,194,681; Mar. 26.
Liquid distributing apparatus. C. V. Dame. 2,204,751; June 18.
Liquid distributor. J. H. Knowles and H. B. Coulter. 2,215,181; Sept. 17.
Liquid distributor. N. B. Lund. 2,225,836–7; Dec. 24.
Liquid dripping apparatus. H. C. Kyler. 2,185,444; Jan. 2.
Liquid filling machine. C. Kraus and V. C. Lufft. 2,185,201; Jan. 2.
Liquid filter. W. Hartmann. 2,227,344; Dec. 31.
Liquid filter. W. Mautz. 2,216,646; Oct. 1.
Liquid filter. J. J. Shively and H. H. Cudmore. 2,224,577; Dec. 10.
Liquid, Filtering. C. H. Cuno. 2,202,191; May 28.
Liquid flow control apparatus. P. Renfrew. 2,208,686; July 23.
Liquid flow control device. E. E. Frey. 2,217,947; Oct. 15.
Liquid flow control device, Thermostatic. C. F. and A. L. Semon. 2,194,771; Mar. 26.
Liquid flow controlling device. J. A. S. Duncan. 2,210,118; Aug. 6.
Liquid flow indicator. H. C. Benzin. 2,219,677; Oct. 29.
Liquid for electrical insulating purposes, Degasifying. C. A. Piercy and E. L. Crandall. 2,201,870; May 21.
Liquid from hydrocarbon gases, Recovery of. O. L. Roberts. 2,213,996; Sept. 10.
Liquid fuel burner. C. Beetschen. 2,193,085; Mar. 12.
Liquid fuel burner. R. M. Buffington. 2,209,442; July 30.
Liquid fuel burner. J. H. McIlvaine and P. I. Hollman. 2,193,829; Mar. 19.
Liquid fuel burner. J. H. McIlvaine and P. I. Hollman. 2,208,851; July 23.
Liquid fuel burner. H. C. Shagaloff. 2,209,443; July 30.
Liquid fuel burner. H. F. Tapp, H. O. Grimmeisen, and V. E. Duemler. 2,227,286; Dec. 31.
Liquid fuel burner. A. R. Thomas. 2,189,871; Feb. 13.
Liquid fuel burner. H. M. Ullstrand. 2,186,128; Jan. 9.
Liquid heater. P. J. Rennhack. 2,206,513; July 2.
Liquid heater. H. Vorkauf. 2,199,214; Apr. 30.
Liquid in chemical baths, Circulation of. W. Geyer. 2,222,224; Nov. 19.
Liquid level. B. A. Diggins and G. B. Gallasch. 2,221,912; Nov. 19.
Liquid level and pressure control. H. S. Turner. 2,198,711; Apr. 30.
Liquid level control means. A. K. Foulds. 2,189,662; Feb. 6.
Liquid level control mechanism. H. W. How. 2,189,903; Feb. 13.
Liquid level control system. E. E. Hollander. 2,225,498; Dec. 17.
Liquid level controller. G. W. Stetson. 2,191,700; Feb. 27.
Liquid level gauge. B. B. Axson. 2,194,376; Mar. 19.
Liquid level gauge. C. A. Lang. 2,216,035; Sept. 24.
Liquid level gauge. W. E. MacCreedy. 2,204,253; June 11.
Liquid level gauge. M. Vermöhlen. 2,194,625; Mar. 26.
Liquid level gauge, Float-operated. J. I. Liner. 2,198,055; Apr. 23.
Liquid level indicator. V. H. Conley. 2,213,485; Sept. 3.
Liquid level indicator. W. H. Pratt. 2,211,606; Aug. 13.
Liquid-level indicator. H. J. G. Rudolf. 2,208,817; July 23.
Liquid level indicator and/or control. F. L. Hunter, Jr. 2,213,961; Sept. 10.
Liquid level reporting apparatus. H. De Koevend. 2,202,517; May 28.
Liquid matter, Purification of. P. Smit. 2,198,393; Apr. 23.
Liquid measuring and dispensing apparatus. J. Fraser. 2,224,540; Dec. 10.
Liquid measuring and dispensing device. H. A. Stringfellow. 2,208,862; July 23.
Liquid measuring and dispensing device. J. E. Wollenweber. 2,202,073; May 28.
Liquid meter. G. B. Bassett. 2,213.799; Sept. 3.
Liquid meter. R. S. Bassett. 2,190,006; Feb. 13.
Liquid meter. A. F. Howe and R. A. Bagnell. 2,215,832; Sept. 24.
Liquid metering and cost computing apparatus. F. V. Mayo and W. H. Misson. 2,209,700; July 30.
Liquid, Method and apparatus for dispensing volatile. A. E. Paige. 2,216,542; Oct. 1.
Liquid mixing device. C. I. Sayles. 2,207,761; July 16.
Liquid mixing machine. M. K. Wilson. 2,187,065; Jan. 16.
Liquid mixtures, Solvent extraction of. W. J. D. van Dijck. 2,201,549; May 21.
Liquid mixtures, Solvent extraction of. W. J. D. van Dijck and A. Schaafsma. 2,201,550; May 21.
Liquid operated motor. C. J. Coberly. 2,204,120; June 11.
Liquid pressure actuated regulator. F. Wettstein. 2,203,243; June 4.
Liquid pressure in riser cables, Controlling. C. A. Piercy. 2,220,728; Nov. 5.
Liquid pressure remote control apparatus. E. C. S. Clench. 2,206,163; July 2.

Liquid pressure remote control system. J. P. Beeston. 2,215,169; Sept. 17.
Liquid products from pressure extracts of solid carbonaceous material, Production of valuable. H. Buetefisch, K. Winkler, H. Kaufmann, and R. Bemmann. 2,215,869; Sept. 24.
Liquid proportioner, Automatic. R. L. Furby. 2,188,040; Jan. 23.
Liquid proportioning device. G. Louis. 2,212,374; Aug. 20.
Liquid recovery and gas recycle method. E. V. Hewitt. 2,217,749; Oct. 15.
Liquid separating device. M. R. Kross. 2,223,256; Nov. 26.
Liquid separating device for containers. V. C. Posey. 2,186,041; Jan. 9.
Liquid solutions, Method and apparatus for distributing. O. A. Parker. 2,215,132; Sept. 17.
Liquid spraying apparatus. C. Radtke and H. Bellman. 2,206,673; July 2.
Liquid stratification. R. A. Gulick. 2,207,057; July 9.
Liquid to fastening-inserting machines, Supplying. R. P. Legro, and G. O'Gorman. 2,216,121; Oct. 1.
Liquid to fastening-inserting machines, Supplying. A. Matheson. 2,216,126; Oct. 1.
Liquid transferring apparatus. R. S. McKeever. 2,211,282; Aug. 13.
Liquid treating apparatus. L. P. Gray. 2,206,089; July 2.
Liquid treating apparatus of the built-up type. R. Seligman. 2,191,044; Feb. 20.
Liquid volume gauge. C. Knobloch. 2,191,533; Feb. 27.
Liquid withdrawal and dispensing means. N. M. Nesset. 2,222,371; Nov. 19.
Liquids, Aging. O. F. Nilsson and K. F. Nilsson. 2,203,229; June 4.
Liquids and filling containers, Sterilizing. H. F. Glunz. 2,196,299; Apr. 9.
Liquids and filling containers, Sterilizing. H. F. Glunz. 2,204,131; June 11.
Liquids, Apparatus for cooling and degasifying. E. Little. 2,189,146; Feb. 6.
Liquids by azeotropic distillation, Dehydration of organic. H. M. Guinot. 2,194,851; Mar. 26.
Liquids by biological means, Purification of. M. Prüss and H. Blunk. 2,200,580; May 14.
Liquids, Clarification of. F. Bachmann. 2,196,908; Apr. 9.
Liquids containing nitric and hydrochloric acids, Treating. H. A. Beekhuis, Jr. 2,201,423; May 21.
Liquids, Decolorizing. E. G. Steele. 2,206,337; July 2.
Liquids deleteriously affected by air, Process and apparatus for purifying. T. H. Miller. 2,223,999; Dec. 3.
Liquids, Device for dispensing. F. W. and A. G. Berwick. 2,201,808; May 21.
Liquids, Electro-thermal pyrolysis of carbon-bearing. V. F. Hanson. 2,191,012; Feb. 20.
Liquids, Flocculating aqueous. F. J. Wallace. 2,200,784; May 14.
Liquids from a conduit, Disposing variable inflow. R. T. Regester. 2,222,595; Nov. 26.
Liquids from textiles, Washing and extracting. R. E. Bassett, Jr. 2,208,830; July 23.
Liquids in a tank, Method and apparatus for controlling the relative quantities of. F. D. Mahone. 2,216,977; Oct. 8.
Liquids, Irradiating. G. C. Supplee and M. J. Dorcas. 2,202,611; May 28.
Liquids, Method and apparatus for filtering. R. J. Koupal and W. H. Green. 2,223,623; Dec. 3.
Liquids, Method and apparatus for irridating. G. C. Supplee and M. J. Dorcas. 2,202,610; May 28.
Liquids, Mixing. E. Schmidt. 2,206,266; July 2.
Liquids, Process and apparatus for clarifying. G. E. von Stietz. 2,213,808; Sept. 3.
Liquids, Process and apparatus for treating. D. D. Burch. 2,203,718; June 11.
Liquids, Recovery of. B. S. Greensfelder and L. R. Goldsmith. 2,214,368; Sept. 10.
Liquids, Sterilization of. W. Matzka. 2,209,345; July 30.
Liquids, System for measuring. C. J. Bassler. 2,217,855; Oct. 15.
Liquids, Thermolizing. A. Oberle. 2,202,463; May 28.
Liquids to materials, Application of. A. Mellor and W. Pool. 2,189,914; Feb. 13.
Liquids, Treating. O. M. Urbain. 2,208,171–2; July 16.
Liquids with the aid of active carbonaceous colloids, Purifying of. P. Smit. 2,221,683; Nov. 12.
Liquor, Distilling. G. Hureau. 2,206,867; July 9.
Liquor, Fermented. R. M. Draeger. 2,206,719; July 2.
Liquor preparation. S. Musher. 2,198,221; Apr. 23.
Liquor, Production of bisulphite. R. W. Shafor and R. P. Kite. 2,190,612; Feb. 13.
Liquor recovery apparatus, Waste. L. S. Wilcoxson. 2,198,446; Apr. 23.
Liquor, Recovery of by-products from black. F. J. Cirves. 2,200,468; May 14.
Liquors, Aging alcoholic. L. A. Chambers and E. W. Smith. 2,196,193; Apr. 9.
Liquors and the products thereof, Hydrogenation of lignin and waste pulp. E. C. Sherrard, E. E. Harris, and J. F. Saeman. 2,220,624; Nov. 5.
Liquors, Disposal of coke plant waste. J. H. Wells and P. J. Wilson, Jr. 2,199,767; May 7.
Liquors, Treating Freidal-Crafts reaction. H. A. Robinson. 2,211,704–5; Aug. 13.
Lister. W. H. Silver. Re. 21,397; Mar. 12.
Lister. W. H. Silver. 2,203,972; June 11.
Lister furrow dammer. R. H. Poor. 2,217,381; Oct. 8.
Listing machine. H. M. Fleming. 2,200,201; May 7.
Listing mechanism for addressing machines. F. E. Curtis. 2,186,010; Jan. 9.
Lithographic plates for printing, Preparing. W. H. Wood. 2,186,945; Jan. 16.
Lithographic plates, Preparing. W. H. Wood. 2,186,946; Jan. 16.
Lithographing process. P. Schroeder. 2,192,482; Mar. 5.
Litter, Folding. J. J. Ettinger. 2,203,193; June 4.
Litter, Folding. J. J. Ettinger. 2,226,307; Dec. 24.
Litter, Invalid. J. J. Ettinger. 2,226,306; Dec. 24.
Live center. E. F-G. Gibbs. 2,186,921; Jan. 9.
Liver, Treatment of. V. A. Wise, S. B. Duffies, G. R. Henney, and C. L. Lohner. 2,204,459; June 11.
Load bearing apparatus for transport on shoulders. G. de Finetti. 2,208,962; July 23.
Load bracing device. W. F. Eisensmith. 2,204,075; June 11.
Load compensated control system. H. E. Hartig. 2,208,760; July 23.
Load compensated control system. H. E. Hartig and C. B. Spangenberg. 2,208,762; July 23.
Load control system, Generator engine. R. M. Dilworth. 2,207,373; July 9.
Load controlling apparatus for compressors. W. T. Alderson. 2,225,291; Dec. 17.
Load discharging car. A. Campbell. 2,197,237; Apr. 16.
Load handling mechanism. J. W. Wunsch. 2,223,863; Dec. 3.
Load indicating and controlling apparatus for testing machines. M. C. Tate. 2,212,085; Aug. 20.
Load limiting means for an electrical system. P. R. Lee and E. K. Clark. 2,199,639; May 7.
Load releasing mechanism, Time-actuated. C. W. Strong. 2,192,457; Mar. 5.
Load transfer device. A. E. Brickman and G. A. Gleason. 2,201,134; May 21.
Load transfer device. A. E. Brickman and G. A. Gleason. 2,212,680; Aug. 27.
Load transferring machinery. J. F. Maine. 2,186,463; Jan. 9.
Load transmission device. E. L. Mier and B. C. Wilcox. 2,187,428; Jan. 16.
Load weighing device, Vehicle. R. R. Ratliff. 2,225,182; Dec. 17.
Loader. J. C. Seyller. 2,190,164; Feb. 13.
Loader, Beet. J. Sishc. 2,195,471; Apr. 2.
Loader, End gate. F. A. Novotney. 2,194,403; Mar. 19.
Loader for grain or the like. W. F. Rouse. 2,200,898; May 14.
Loader, Hay. C. Jensen. 2,209,625; July 30.
Loader, Manure. M. C. Nelson. 2,220,267; Nov. 5.
Loader, Truck. D. D. McDermott and E. J. Rimple. 2,225,787; Dec. 24.
Loading and transporting apparatus. F. G. Sanchez. 2,188,374; Jan. 30.
Loading and transporting device. F. D. Robinson. 2,220,286; Nov 5.
Loading and unloading device. F. J. Chappelle. 2,199,097; Apr. 30.
Loading and unloading device. J. Paiement. 2,218,121; Oct. 15.
Loading and unloading of work in machine tools. W. F. Groene and W. R. Meyer. 2,211,722; Aug. 13.
Loading and wrapping means. C. H. Petskeyes and I. C. Gellman. 2,221,996; Nov. 19.
Loading apparatus. R. S. Bigelow. 2,216,181; Oct. 1
Loading apparatus case. J. R. Bardsley. 2,197,513; Apr. 16.
Loading device. R. D. Fisher and C. Riley. 2,190,061; Feb. 13.
Loading device. W. Ludwig. 2,191,130; Feb. 20.
Loading device for ballast cleanings, Car. C. A. Gill. 2,194,144; Mar. 19.
Loading device for railway cars. J. J. McBride. 2,190,724; Feb. 20.
Loading device for roadway vehicles, Material. J. H. Stout. 2,192,210; Mar. 5.
Loading device for scanning drums. H. Carlson. 2,201,474; May 21.
Loading, hauling, and dumping apparatus. L. W. Brooks. 2,200,020; May 7.
Loading machine. W. W. Sloane. 2,189,869; Feb. 13.
Loading mechanism for alimentary paste presses, Rack rod. J. de Francisci. 2,223,352; Dec. 3.
Loading mechanism for mixers. G. Maxon, Jr., and M. Gilson. 2,213,047; Aug. 27.
Loading spacer for sheet steel and concentrated loads. J. E. Montgomery, J. F. Spellacy, and T. L. Burrell. 2,196,470; Apr. 9.
Loaf feeding and timing device, Continuous. R. J. Beutel. 2,205,338; June 18.
Locating device. E. F. Wickens. 2,190,855; Feb. 20.
Locating device for maps. R. J. Kittredge. 2,191,109; Feb. 20.
Locating device for use in boreholes. R. L. Kerr. 2,200,505; May 14.

Lock: *See*—
Alarm lock.
Antipick lock.
Automatic door lock.
Automatic receptacle lock.
Automobile door lock.
Automobile glass control lock.
Automobile hood lock.
Automobile license plate lock.
Auxiliary lock.
Bearing lock.
Bicycle lock.
Bolt lock.
Bored-in lock.
Burglarproof door lock.
Burglarproof lock.
Cable lock.
Cam lock.
Cap bolt lock.
Cap lock.
Casement sash upper lock.
Coach lock.
Coin controlled lock.
Coincidental lock.
Combination cabinet lock.
Combination lock.
Combination switch lock.
Control surface lock.
Cord lock.
Cotton press lock.
Cylinder lock.
Door lock.
Electric door lock.
Electromagnetic lock.
Emergency exit lock.
Folding table link lock.
Furniture lock.
Gate lock.
Hood lock.
Hub cap lock.
Hydraulic lock.
Keyless door lock.
Mortise cylinder lock.
Nut lock.
Permutation lock.
Pin tumbler lock.
Plate lock.
Recording lock.
Reverse lock.
Safety lock.
Safety mold lock.
Sash lock.
Self-serve and check by key lock.
Shaft lock.
Sling lock.
Steering column lock.
Telephone lock.
Time delay lock.
Triple action lock.
Tubular lock.
Tumbler lock.
Venetian blind cord lock.
Wedge lock.
Window lock.

Lock. F. T. Brownne. 2,217,098; Oct. 8.
Lock. K. C. Bugg. Re. 21,320; Jan. 16.
Lock. K. C. Bugg. 2,189,880; Feb. 13.
Lock. L. S. Collins. 2,191,931; Feb. 27.
Lock. H. A. Daum. 2,212,707; Aug. 27.
Lock. F. Ditchfield. 2,195,620; Apr. 2.
Lock. L. M. Dyson. 2,204,345; June 11.
Lock. M. Falk. 2,200,714; May 14.
Lock. J. W. Fitz Gerald. 2,217,047; Oct. 8.
Lock. I. J. Fletcher. 2,199,336; Apr. 30.
Lock. C. E. Fyfe. 2,203,819; June 11.
Lock. A. H. Golden and C. Ledin. 2,222,027; Nov. 19.
Lock. F. H. Harp. 2,207,801; July 16.
Lock. G. W. Harrich. 2,196,112; Apr. 2.
Lock. T. H. Harrison. 2,193,368; Mar. 12.
Lock. G. Hofmann. 2,226,355; Dec. 24.
Lock. A. C. Hubbell. 2,186,865; Jan. 9.
Lock. N. B. Hurd. 2,207,984; July 16.
Lock. E. N. Jacobi. 2,206,462; July 2.
Lock. E. N. Jacobi. 2,213,814; Sept. 3.
Lock. E. N. Jacobi. 2,217,054; Oct. 8.
Lock. E. N. Jacobi. 2,223,615; Dec. 3.
Lock. C. Ledin. 2,226,499; Dec. 24.
Lock. M. Mariani. 2,208,592; July 23.
Lock. E. M. Miller. 2,222,040; Nov. 19.
Lock. E. W. North. 2,201,957; May 21.
Lock. E. Ojalvo. 2,221,992; Nov. 19.
Lock. T. A. Scanlan. 2,223,876; Dec. 3.
Lock. W. R. Schlage. 2,218,178; Oct. 15.
Lock. A. L. Schuyler and A. R. MacLagan. 2,207,827; July 16.
Lock. W. H. Scott. 2,215,162; Sept. 17.
Lock. S. Segal. 2,225,663; Dec. 24.
Lock. A. D. Sutherland. 2,210,989; Aug. 13.
Lock. G. H. Thacher. 2,218,126; Oct. 15.
Lock. J. E. Wall. 2,213,264; Sept. 3.
Lock-actuating structure. A. L. Bresch. 2,199,613; May 7.
Lock and alarm, Window. F. Piper. 2,197,080; Apr. 16.
Lock and closing unit for upward acting doors. M. P. Graham. 2,224,675; Dec. 10.
Lock and holding device, Sash. G. E. Srack. 2,203,184; June 4.
Lock and sight aperture, Combined. M. Taigman. 2,222,691; Nov. 26.
Lock and switch mechanism, Elevator. A. Vacca. 2,199,471; May 7.
Lock attachment, Door. J. Dominguez. 2,188,532; Jan. 30.
Lock construction. S. Brantingson. 2,192,371; Mar. 5.
Lock construction. S. Brantingson. 2,225,545; Dec. 17.
Lock construction, Switch. R. L. Smythe. 2,202,170; May 28.
Lock device, Locomotive wedge bolt nut. D. Love. 2,190,075–6; Feb. 13.
Lock device, Telephone. C. V. Richey. 2,202,965; June 4.
Lock eliminator, Vapor. B. E. Sibley. 2,189,658; Feb. 6.
Lock for automobiles, Automatic four door. S. Lesser. 2,205,212; June 18.
Lock for automobiles, Hood. H. A. Tedtman. 2,206,137; July 2.
Lock for bags. A. Benigni. 2,194,685; Mar. 26.
Lock for casement windows, Safety. H. H. Kistner. 2,214,884; Sept. 17.
Lock for dispensing stands, Reset. L. R. Olsen. 2,212,376; Aug. 20.
Lock for double-hung windows. G. M. Grady and H. F. Ruberg. 2,198,161; Apr. 23.
Lock for electrical contact plugs, Spring. A. R. Pool. 2,198,504; Apr. 23.
Lock for expandible portfolios, Adjustable. W. D. Fritz. 2,216,910; Oct. 8.
Lock for fire extinguishers. A. Charnock. 2,221,370; Nov. 12.
Lock for hinged windows. H. H. Tracy. 2,205,677; June 25.
Lock for laundry washer doors. A. B. Battis. 2,222,495; Nov. 19.
Lock for motor vehicles, Automatic safety door. C. H. Preston. 2,217,495; Oct. 8.
Lock for propelling machinery. G. Y. Anderson, Jr., T. Davidson, and B. L. Lonngren. 2,188,328; Jan. 30.
Lock for railway switches, Safety. W. T. Hardy. 2,205,526; June 25.
Lock for revolving doors. T. M. Hagenbook. 2,189,712; Feb. 6.
Lock for revolving doors, Emergency. A. Lockart. 2,186,385; Jan. 9.
Lock for safes, Electric time. J. V. McGunn. 2,202,534; May 28.
Lock for shears and the like, Nut. C. J. Dalley. Re. 21,517; July 30.
Lock for storage batteries, Cover. L. E. Pucher. 2,186,147; Jan. 9.
Lock for tunnels, Material. S. M. Gooder. 2,190,064; Feb. 13.
Lock for vehicles, Rear door. A. G. Langford. 2,193,633; Mar. 12.
Lock for vehicles, Reverse. C. O. Hunter. 2,215,586; Sept. 24.
Lock for vehicles, Reverse. C. O. Hunter. 2,221,190; Nov. 12.
Lock for Venetian blinds, Cord. D. J. Ajouelo. 2,214,155; Sept. 10.
Lock joint for sheet metal. A. G. Siebenlist. 2,201,409; May 21.
Lock light. A. D. Le Sage. 2,216,014; Sept. 24.
Lock mechanism. L. C. Haaser. 2,223,760; Dec. 3.
Lock mechanism. O. A. Ross. 2,221,110; Nov. 12.
Lock mechanism, Coin controlled. G. Hofmann. 2,222,434; Nov. 19.
Lock nuts, Method of and apparatus for manufacturing. A. M. Chambers, Jr., and W. R. Jenkinson. 2,202,044; May 28.
Lock seam soldering attachment. A. M. Cameron. 2,203,403; June 4.
Lock slider and slide fasteners. G. Dahlin. 2,222,529; Nov. 19.
Lock structure for automobile doors. E. D. Dall. 2,201,644; May 21.
Lock-up set. C. S. Wilson. 2,186,512; Jan. 9.
Lock washer. D. V. Stellin. 2,191,101; Feb. 20.
Locker room, Cold storage. R. W. Smith. 2,201,411; May 21.
Locker system, Refrigerated. W. M. Baird. 2,198,239; Apr. 23.
Locket construction. L. C. Mark. 2,185,641; Jan. 2.
Locket construction. O. F. Placco. 2,192,504; Mar. 5.
Locking and clipping device for articles of jewelry, Combined. C. Schwarzkopf. 2,225,890; Dec. 24.
Locking bottle cap. W. B. Rosevear, Jr. 2,226,390; Dec. 24.
Locking box. T. H. Gagen. 2,185,764; Jan. 2.
Locking control, Automobile door. R. F. Peo. 2,197,508; Apr. 16.
Locking coupling. R. C. Durant. 2,194,973; Mar. 26.
Locking device. J. Q. Burgess. 2,222,399; Nov. 19.
Locking device. E. S. Culver. 2,204,928; June 18.
Locking device. E. Lefkowitz. 2,221,101; Nov. 12.
Locking device. E. H. Lindstrom. 2,194,801; Mar. 26.
Locking device. L. V. Mallory. 2,202,217; May 28.
Locking device. R. Marple. 2,195,179; Mar. 26.
Locking device. R. Marple. 2,198,548–9; Apr. 23.
Locking device. C. G. McCormick. 2,219,451; Oct. 29.
Locking device. J. B. O'Connor. 2,195,223; Mar. 26.
Locking device. E. J. Pilblad and C. C. Strange. 2,214,776; Sept. 17.
Locking device. C. C. Strange and E. J. Pilblad. 2,214,778; Sept. 17.
Locking device. E. G. Wise. 2,192,060; Feb. 27.
Locking device and the like, Jail. F. Adams. 2,185,175; Jan. 2.
Locking device, Electric. J. Schneider. 2,225,715; Dec. 24.
Locking device for food chopper bowls. L. Jaenichen and W. Behm. 2,208,796; July 23.
Locking device for motor cars. V. Talent. 2,218,730; Oct. 22.
Locking device for motor vehicles. J. Fruns. 2,222,900; Nov. 26.
Locking device for pistons and the like, Automatic. R. L. Lévy. 2,221,979; Nov. 19.
Locking device for the securing lugs or bolts of vehicle wheels. B. J. Seaman. 2,225,132; Dec. 17.
Locking device, more particularly for the hub of bicycles, Freewheel. A. Lesage. 2,226,247; Dec. 24.
Locking means. R. Schwarz. 2,211,586; Aug. 13.
Locking means for fabric fastening devices. G. A. Ulrich, Jr. 2,194,919; Mar. 26.
Locking means for ladies' handbags and the like. G. Laubenstein. 2,186,905; Jan. 9.

Locking means for presses and the like, Side. R. W. Glasner. 2,198,767; Apr. 30.
Locking means for the doors and windows of an automobile body or the like. C. H. Oelschig. 2,218,435; Oct. 15.
Locking mechanism. F. E. Spradling. 2,212,957; Aug. 27.
Locking mechanism. C. C. Strange. 2,220,130–2; Nov. 5.
Locking mechanism for cabinet drawers. G. R. Gibson. 2,209,727; July 30.
Locking mechanism for calculating machines. J. A. V. Turck and B. C. Clevenger. 2,224,203; Dec. 10.
Locking mechanism for press box doors. A. B. Christoph. 2,211,198; Aug. 13.
Locking mechanism for presses and the like, Safety. R. W. Glasner and E. K. Johansen. 2,185,551; Jan. 2.
Locking mechanism, Timepiece actuated. G. H. Ross. 2,210,186; Aug. 6.
Locking multileaf gauge, Adjustable. C. G. Bigwood. 2,217,648; Oct. 8.
Locking system. S. Futran. 2,219,866; Oct. 29.
Locking system, Electrical coincidental. H. D. Seelinger. 2,212,251; Aug. 20.
Locking valve. E. H. Mueller. 2,194,714; Mar. 26.
Locknuts, Manufacturing. R. W. Luce. 2,226,935; Dec. 31.
Locks, latches, and the like, Mechanism for operating. J. A. Cereda. 2,186,666; Jan. 9.
Locomotive. T. V. Buckwalter. 2,198,571; Apr. 23.
Locomotive. G. M. Davies. 2,223,482; Dec. 3.
Locomotive. W. F. Eckert. 2,194,929; Mar. 26.
Locomotive. T. H. Fawcett. 2,185,403; Jan. 2.
Locomotive. W. A. Giger. 2,188,749; Jan. 30.
Locomotive. J. C. Maris. 2,191,407; Feb. 20.
Locomotive. J. A. McGrew. 2,214,424; Sept. 10.
Locomotive. W. E. Rodler. 2,225,713; Dec. 24.
Locomotive, Articulated. J. G. Blunt. 2,200,833; May 14.
Locomotive, Articulated. P. C. Withrow. 2,206,592; July 2.
Locomotive, Condensing steam. C. A. and E. L. Schellens. 2,188,315; Jan. 30.
Locomotive control system. L. J. Hibbard. 2,200,084; May 7.
Locomotive crosshead structure. H. S. Burnham. 2,195,376; Mar. 26.
Locomotive cross head structure. H. S. Burnham. 2,209,322; July 16.
Locomotive draft duct. L. G. Plant. 2,206,263; July 2.
Locomotive draft inducer. G. W. Ferling. 2,225,412; Dec. 17.
Locomotive draft sheet. O. Larson. 2,227,094; Dec. 31.
Locomotive driving wheel. C. E. Heilig. 2,212,098; Aug. 20.
Locomotive driving wheel. E. G. Mangels. 2,222,982; Nov. 26.
Locomotive gear drive. L. F. Wilson. 2,186,355; Jan. 9.
Locomotive smokebox arrangement. W. F. Collins. 2,226,052; Dec. 24.
Locomotive, Steam. R. R. Cook and H. K. Patjens. 2,226,219; Dec. 24.
Locomotive, Steam operated. L. Richardson. 2,223,386; Dec. 3.
Locomotive, Streamlined. C. H. Knowlton and G. M. Davies. 2,204,137; June 11.
Locomotive tender. J. J. Kress. 2,219,073; Oct. 22.
Locomotive tender. N. M. Lower. 2,203,098; June 4.
Locomotive vehicle. B. S. Cain. 2,205,280; June 18.
Locomotive with twin-shaft engine, Geared. W. J. Besler. 2,197,373; Apr. 16.
Locomotives in roundhouses, System of drafting. F. H. C. Coppus. Re. 21,642; Dec. 3.
Locomotives, Stoking. W. T. Hanna. 2,191,653; Feb. 27.
Log, Automobile. F. C. Cave. 2,211,879; Aug. 20.
Log, Electric variable pitch. E. Granat. 2,201,896; May 21.
Log-rolling device. C. W. Hutchinson. 2,186,606; Jan. 9.
Log writing machine. L. Cherry. 2,194,382; Mar. 19.
Logger's tool. O. M. King. 2,211,062; Aug. 13.
Logging device. E. C. Adolphe. 2,187,440; Jan. 16.
Logging, Method and apparatus for electrical. R. T. Cloud. 2,210,795; Aug. 6.
Lollipop, Thumb. F. L. Craddock. 2,190,231; Feb. 13.
Long scale frequency meter. R. M. Rowell. 2,220,731; Nov. 5.

Loom: *See*—
Bobbinless loom.
Circular loom.
Filling replenishing loom.
Hand loom.
Narrow ware loom.
Portable hand loom.
Ribbon loom.
Shuttleless loom.
Shutterless wire mesh loom.
Smallware loom.

Loom. C. D. Brown. 2,206,832; July 2.
Loom. J. Lucas. 2,204,606; June 18.
Loom. J. A. Woods. 2,199,515; May 7.
Loom and vibration control therefor. N. A. Batchelder. 2,187,510; Jan. 16.
Loom and weaving thereon. R. F. Caron. 2,189,444; Feb. 6.
Loom apparatus. M. S. Rosen. 2,202,924; June 4.
Loom attachment. E. C. Geier. 2,192,997; Mar. 12.
Loom attachment. B. W. Green and H. L. Nalley. 2,226,283; Dec. 24.
Loom for the making of knotted rugs, Automatic. A. Beretvås. 2,192,029; Feb. 27.
Loom harness mechanism. C. D. Brown. 2,187,699; Jan. 16.
Loom letoff. D. L. Moore and B. O. Morrow. 2,205,149; June 18.
Loom picker. A. P. Lewis. 2,222,351; Nov. 19.
Loom picker. A. P. Lewis. 2,222,353; Nov. 19.
Loom reed. E. R. Bond and C. A. Hobbs. 2,187,997; Jan. 23.
Loom replenishing mechanism. W. R. Hewton. 2,194,655; Mar. 26.
Loom shuttle. J. B. Daudelin and E. E. Talbot. 2,220,812; Nov. 5.
Loom shuttle. H. E. Goff. 2,227,183; Dec. 31.
Loom stop motion. L. M. Rogers. 2,191,413; Feb. 20.
Loom temple. W. H. Bahan. 2,226,279; Dec. 24.
Looms, Electrically controlled shedding mechanism for. W. Hamilton. 2,204,891; June 18.
Looms, Letoff for multibeam. O. V. Payne. 2,207,104; July 9.
Looms, Weaving operation on circular. A. Thompson. 2,206,982; July 9.
Loop fastener. F. Durney. 2,188,534; Jan. 30.
Loop forming mechanism. B. A. Parkes and R. C. Parkes. 2,213,502; Sept. 3.
Looper and feeding mechanism for sewing machines. C. C. Smith and G. S. Brewyn. 2,219,211; Oct. 22.
Looper machine. H. V. Carver. 2,197,296; Apr. 16.
Looper mechanism. A. H. Weis. 2,201,384; May 21.
Looper mechanism for sewing machines. H. Hacklander and G. Sauer. 2,211,619; Aug. 13.
Loose-leaf device. A. M. Rabinof. 2,211,546; Aug. 13.
Loose-leaf handling means. A. M. Martin. 2,193,181; Mar. 12.
Loose-leaf structure. F. S. Schade. 2,193,347; Mar. 12.
Loose-leaf structure. J. Schade. 2,209,284; July 23.
Loss preventing means for tube caps. G. M. Domenice and R. K. Gross. 2,192,829; Mar. 5.
Loud-speaker. L. B. Cornwell. 2,200,490; May 14.
Loud-speaker. F. Massa. 2,217,177; Oct. 8.
Loud-speaker. H. F. Olson. 2,203,875; June 11.
Loud-speaker. H. F. Olson. 2,224,919; Dec. 17.
Loud-speaker. A. J. Sanial. 2,220,177; Nov. 5.
Loud-speaker. I. L. Stephan. 2,201,059; May 14.
Loud-speaker and driving motor therefor. J. P. Quam. 2,223,021; Nov. 26.
Loudspeaker and formation. R. Neuschotz. 2,197,649; Apr. 16.
Loudspeaker and the like. R. R. Glen. 2,188,655; Jan. 30.
Loud-speaker arrangement. H. Benecke. 2,203,715; June 11.
Loudspeaker arrangement. H. Benecke and L. Bialk. 2,210,477; Aug. 6.
Loudspeaker, Electrodynamic. L. Alons. 2,221,068; Nov. 12.
Loud-speaker, Horn type. L. J. Bobb. 2,201,073; May 14.
Loudspeaker, more especially for television receiver with Braun tube, Electrodynamic. R. Andrieu. 2,197,329; Apr. 16.
Loudspeakers, Device for improving the tone qualities of. E. J. H. Bussard. 2,198,243; Apr. 23.
Louver, Adjustable. F. A. Wheeler. 2,210,516; Aug. 6.
Louver construction. G. N. Rowley. 2,185,712; Jan. 2.
Louver for cooking utensils, Ventilating. H. W. Uhlrig. 2,187,762; Jan. 23.
Louver in fender construction. G. Snyder. 2,218,626; Oct. 22.
Louver, Movable. L. Cosowsky. 2,217,472; Oct. 8.
Low frequency generator. A. E. Michon. 2,203,417; June 4.
Low frequency piezoelectric crystals. J. M. Wolfskill. 2,213,031; Aug. 27.
Low loss cable. L. Dorian. 2,218,085; Oct. 15.
Lubricant. H. E. Ballard. 2,201,217; May 21.
Lubricant. U. B. Bray. 2,225,365–7; Dec. 17.
Lubricant. T. J. Brown. 2,203,044; June 4.
Lubricant. M. A. Dietrich. 2,198,961; Apr. 30.
Lubricant. M. W. Freeman. 2,189,788; Feb. 13.
Lubricant. W. B. Hendrey. 2,212,020–1; Aug. 20.
Lubricant. G. A. Hope, W. L. Linton, and M. F. Pratt. 2,198,307; Apr. 23.
Lubricant. J. W. Johnson. 2,187,742; Jan. 23.
Lubricant. J. W. Johnson. 2,220,843; Nov. 5.
Lubricant. A. J. Kraus. 2,192,976; Mar. 12.
Lubricant. B. H. Lincoln and A. Henriksen. 2,213,988; Sept. 10.
Lubricant. C. M. Loane and B. H. Shoemaker. 2,209,464; July 30.
Lubricant. C. M. Loane and B. H. Shoemaker. 2,220,970; Nov. 12.
Lubricant. E. M. Marks and J. W. Johnson. 2,224,158; Dec. 10.
Lubricant. J. G. McNab and W. T. Watkins, Jr. 2,218,618; Oct. 22.
Lubricant. J. C. D. Oosterhout and W. S. Quimby. 2,222,487; Nov. 19.
Lubricant. P. C. Panagiotákos. 2,192,930; Mar. 12.
Lubricant. K. P. Powers. 2,203,102; June 4.
Lubricant. C. F. Prutton. 2,223,127; Nov. 26.
Lubricant. C. F. Prutton. 2,223,129–30; Nov. 26.
Lubricant. E. M. Steffen. 2,211,442; Aug. 13.

Lubricant. A. J. van Peski and J. A. van Melsen. 2,199,944; May 7.
Lubricant. J. A. Wunsch and C. A. Marlies. 2,205,740; June 25.
Lubricant and making it, Gear. L. C. Brunstrum, G. W. Flint, F. H. MacLaren, and E. W. Adams. 2,211,921; Aug. 20.
Lubricant and making the same. M. Pier and F. Christmann. 2,197,769; Apr. 23.
Lubricant and method of lubrication. B. H. Lincoln, W. L. Steiner, and A. Henriksen. 2,206,573; July 2.
Lubricant and method of lubrication. T. G. Roehner and E. S. Carmichael. 2,203,507; June 4.
Lubricant and preparing same. L. M. Henderson. 2,211,231; Aug. 13.
Lubricant and preparing same. W. A. Whittier, N. D. Williams, and H. L. Moir. 2,211,306; Aug. 13.
Lubricant and producing it. I. M. Colberth. 2,210,140; Aug. 6.
Lubricant and producing same. W. L. Evers. 2,188,943; Feb. 6.
Lubricant, Anhydrous. M. T. Flaxman. 2,199,695; May 7.
Lubricant composition. E. W. Adams and G. M. McNulty. 2,206,245; July 2.
Lubricant composition. E. W. Adams and G. M. McNulty. 2,209,440; July 30.
Lubricant composition. G. S. Cavanaugh. 2,195,669; Apr. 2.
Lubricant composition and lubrication. T. G. Roehner and C. N. Rill. 2,223,272; Nov. 26.
Lubricant composition, Solid. E. V. Murphree and W. J. Sweeney. 2,191,675; Feb. 27.
Lubricant, Compounded. R. L. Humphreys and V. N. Borsoff. 2,204,597; June 18.
Lubricant, Compounded. F. W. Kavanagh, V. N. Borsoff, and R. L. Humphreys. 2,204,601; June 18.
Lubricant containing di-iso-butyl phenol. T. L. Cantrell. 2,195,510; Apr. 2.
Lubricant containing organic sulphides. L. A. Mikeska and F. L. Miller. 2,205,858; June 25.
Lubricant, Cutting. W. L. Steiner. 2,188,255; Jan. 23.
Lubricant distributing device. F. M. Slater. 2,227,278; Dec. 31.
Lubricant, Driving journal. M. C. Van Gundy, G. Kaufman, and W. B. Hendrey. 2,198,567; Apr. 23.
Lubricant, Extreme pressure. D. E. Badertscher, H. G. Berger, and F. M. Seger. 2,197,781; Apr. 23.
Lubricant, Extreme pressure. D. E. Badertscher, H. G. Berger and F. M. Seger. 2,202,641; May 28.
Lubricant, Extreme pressure. D. E. Badertscher, F. M. Seger, and W. H. James. 2,226,420; Dec. 24.
Lubricant, Extreme pressure. W. F. Busse. 2,201,258; May 21.
Lubricant, Extreme pressure. S. E. Jolly and J. H. Perrine. 2,190,715; Feb. 20.
Lubricant, Extreme pressure. F. R. Moser and D. R. Nijk. 2,194,478; Mar. 26.
Lubricant, Extreme pressure. F. R. Moser and M. C. Tuyn. 2,214,379; Sept. 10.
Lubricant, Extreme pressure. F. R. Moser and M. C. Tuyn. 2,219,164; Oct. 22.
Lubricant, Extreme pressure. C. F. Swinehart. 2,215,432; Sept. 17.
Lubricant feeding apparatus for internal combustion engines. J. F. J. Clementson. 2,194,007; Mar. 19.
Lubricant for high bearing pressures. A. J. Morway. 2,202,394; May 28.
Lubricant for internal combustion engines. O. L. Brandes. 2,202,826; June 4.
Lubricant for molding compositions. M. H. Bigelow. 2,193,670; Mar. 12.
Lubricant handling apparatus. K. C. Eagley. 2,192,862; Mar. 5.
Lubricant injector for internal combustion engines, Automatic. C. B. Leigh. 2,204,277; June 11.
Lubricant, Metal fabricating. A. J. Morway and J. C. Zimmer. 2,217,764; Oct. 15.
Lubricant, Mold. E. G. Partridge. 2,201,271; May 21.
Lubricant, Pipe thread. R. F. Nelson and W. S. Hurwitz. 2,205,990; June 25.
Lubricant preparation. R. E. Burk. 2,201,607; May 21.
Lubricant preparation. J. M. Musselman and H. P. Lankelma. 2,224,368; Dec. 10.
Lubricant, Solid. M. B. Chittick. 2,225,684; Dec. 24.
Lubricant, Stabilized grease. W. A. Lutz. 2,197,433; Apr. 16.
Lubricant, Stabilized zinc dust. B. Folda, Jr. 2,211,373; Aug. 13.
Lubricant, Steering gear. J. C. Zimmer and A. J. Morway. 2,209,500; July 30.
Lubricant, Sulphur containing. B. H. Lincoln, W. L. Steiner, and G. D. Byrkit. 2,218,132; Oct. 15.
Lubricant, Wire rope. M. B. Chittick and A. F. Schlandt. 2,211,254; Aug. 13.
Lubricants for textiles, Production of. I. M. Colbeth. 2,225,552; Dec. 17.
Lubricants, Preparation of. J. M. Musselman and H. P. Lankelma. 2,205,172; June 18.
Lubricated tank valve. R. Clade. 2,191,815; Feb. 27.
Lubricated valve. F. Milliken. 2,208,870; July 23.
Lubricated valve. J. M. Wilkins. 2,216,150; Oct. 1.
Lubricating and cooling system for bearings and pistons. H. H. Blache and F. E. Rebbeck. 2,193,684; Mar. 12.
Lubricating apparatus. R. V. Blocker. 2,214,242; Sept. 10.
Lubricating apparatus. E. W. Davis. 2,205,759; June 25.
Lubricating apparatus. E. W. Davis. 2,219,681; Oct. 29.
Lubricating apparatus. A. P. Fox and V. G. Klein. 2,187,684; Jan. 16.
Lubricating apparatus. A. P. Fox and V. G. Klein. 2,201,163; May 21.
Lubricating apparatus. A. R. Grad. 2,224,502; Dec. 10.
Lubricating apparatus. W. A. Kropp. 2,187,608; Jan. 16.
Lubricating apparatus. L. C. Rotter and V. G. Klein. 2,206,335; July 2.
Lubricating apparatus. G. F. Thomas and J. Bystricky. 2,225,724; Dec. 24.
Lubricating apparatus. W. H. Wineman. 2,190,580–1; Feb. 13.
Lubricating composition. B. T. Brooks. 2,211,687; Aug. 13.
Lubricating composition. P. K. Frolich. 2,224,541; Dec. 10.
Lubricating composition. G. M. Maverick. 2,215,590; Sept. 24.
Lubricating composition. A. J. Morway and F. L. Miller. 2,225,318; Dec. 17.
Lubricating composition. N. E. Peery. 2,223,793; Dec. 3.
Lubricating composition. C. F. Prutton. 2,223,128; Nov. 26.
Lubricating composition. C. F. Prutton and A. K. Smith. 2,204,620; June 18.
Lubricating composition. C. F. Prutton, A. K. Smith, and H. E. Johnson. 2,208,161–3; July 16.
Lubricating composition. C. F. Prutton and A. K. Smith. 2,213,532; Sept. 3.
Lubricating composition. C. C. Towne and W. N. Meyer. 2,202,128; May 28.
Lubricating composition, Superior. P. J. Wiezevich. 2,223,473; Dec. 3.
Lubricating device. T. C. Delaval-Crow. 2,224,255; Dec. 10.
Lubricating device. G. L. Gundel. 2,213,001; Aug. 27.
Lubricating device. W. Meisch. 2,216,401; Oct. 1.
Lubricating device. C. W. Metzgar. 2,194,710; Mar. 26.
Lubricating device. W. B. Plummer and O. B. Clark. 2,205,667; June 25.
Lubricating device. H. R. Tear. 2,185,282; Jan. 2.
Lubricating device. F. C. Woelfer, Jr. 2,227,292; Dec. 31.
Lubricating device for aircraft engines. O. Schwager. 2,215,086; Sept. 17.
Lubricating device for machine tools. A. F. Bennett. 2,190,858; Feb. 20.
Lubricating device for the axle bearings of railway vehicles. G. Nemetz. 2,197,704; Apr. 16.
Lubricating device, Intermittent. J. O. Heinze. 2,185,631; Jan. 2.
Lubricating element. E. S. Patch. 2,190,217; Feb. 13.
Lubricating equipment. D. R. McNeal. 2,217,490; Oct. 8.
Lubricating installation. J. Bijur. 2,192,176; Mar. 5.
Lubricating machine for machine tools. F. A. Hassman and E. D. Vancil. 2,226,431; Dec. 24.
Lubricating means. L. L. Schauer. 2,209,938; July 30.
Lubricating means for motors. J. T. Carlson. 2,219,719; Oct. 29.
Lubricating means, Motor bearing seal. J. F. Joy. 2,210,836; Aug. 6.
Lubricating mechanism for reciprocating pumps and similar devices. W. T. Caldwell. 2,188,105; Jan. 23.
Lubricating mechanism, Rail and wheel. R. A. Birmingham. 2,201,133; May 21.
Lubricating method and system. O. D. H. Bentley. 2,217,329; Oct. 8.
Lubricating pump. F. Urschler. 2,215,987; Sept. 24.
Lubricating saw handle. A. Pihlquist and A. Larson. 2,206,730; July 2.
Lubricating system. J. A. Lignian. 2,226,622; Dec. 31.
Lubricating system. A. J. Lippold. 2,214,252; Sept. 10.
Lubricating system and pump for use therein. J. Gravenor and E. L. Armitage. 2,196,916; Apr. 9.
Lubricating system, Controllable. A. Sardu. 2,202,817; June 4.
Lubricating system for motion picture projectors. K. Brenkert. 2,211,363; Aug. 13.
Lubricating system, Temperature-controlled. W. A. Parkins and G. E. Beardsley, Jr. 2,213,147; Aug. 27.
Lubrication. J. Bijur. 2,196,970; Apr. 16.
Lubrication. J. Bijur. 2,197,247; Apr. 16.
Lubrication. J. Bijur. 2,213,951; Sept. 10.
Lubrication. J. Bijur. 2,219,290; Oct. 29.
Lubrication. P. G. Colin. 2,222,431; Nov. 19.
Lubrication. A. W. Lewis. 2,187,353; Jan. 16.
Lubrication. A. W. Lewis. 2,220,723; Nov. 5.
Lubrication device. R. H. Whiteley. 2,212,218; Aug. 20.
Lubrication device, Automatic. K. W. Atwater. 2,204,171; June 11.
Lubrication of alloy bearings. T. L. Cantrell and J. O. Turner. 2,190,648; Feb. 20.
Lubrication system. P. F. Gieskieng. 2,195,209; Mar. 26.
Lubricator: *See*—
Air-line lubricator.
Automatic lubricator.
Force feed lubricator.
Journal box lubricator.
Picker spindle lubricator.
Pressure lubricator.

Lubricator: *See*—
Rail and flange lubricator. Upper cylinder lubricator.
Rail lubricator.
Lubricator. H. S. Berg. 2,210,478; Aug. 6.
Lubricator. C. A. Campbell. 2,204,119; June 11.
Lubricator. M. B. Heftler. 2,215,699; Sept. 24.
Lubricator. M. B. Heftler and P. G. Cox. 2,205,559; June 25.
Lubricator. D. R. Hillis. 2,208,845; July 23.
Lubricator. G. L. Moore. 2,219,785; Oct. 29.
Lubricator. C. A. Norgren. 2,223,700; Dec. 3.
Lubricator. F. M. Slater. 2,225,324; Dec. 17.
Lubricator. A. H. Todd. 2,201,803; May 21.
Lubricator and seal. R. W. Miller. 2,207,751; July 16.
Lubricator device, Journal. J. J. Hennessy. 2,191,468; Feb. 27.
Lubricator for internal combustion engines. J. A. Armitage. 2,223,881; Dec. 3.
Lubricator for journal bearings. H. A. S. Howarth. 2,221,051; Nov. 12.
Lug, Bakepan nesting. R. C. Oltman. 2,222,584; Nov. 19.
Lug strap. H. F. Webster. 2,212,577; Aug. 27.
Lug strap construction. H. M. Bacon. 2,216,999; Oct. 8.
Lug, Traction. S. E. Opperman. 2,207,636; July 9.
Lug, Tractor wheel. L. E. Frisbie. 2,200,791; May 14.
Luggage and mechanism to make same. A. Rosen. 2,218,052; Oct. 15.
Luggage carrier, Collapsible. J. P. Rock. 2,204,824; June 18.
Luggage case. A. M. Levin. 2,227,266; Dec. 31.
Luggage compartment for railway cars. A. D. McDonald. 2,217,068; Oct. 8.
Lumber. W. C. Goss. 2,217,311; Oct. 8.
Lumber, Manufacturing. O. P. M. and W. C. Goss. 2,198,245; Apr. 23.
Luminaire. L. C. Doane. 2,226,223; Dec. 24.
Luminaire. S. English. 2,201,860; May 21.
Luminaire. P. S. Millar and S. M. Gray. 2,222,319; Nov. 19.
Luminaire. J. A. O'Neil. 2,214,861; Sept. 17.
Luminaire. T. W. Rolph. 2,186,079; Jan. 9.
Luminaire. J. L. Stair and E. C. McKinnie. 2,220,298; Nov. 5.
Luminaire, Indirect lighting. L. C. Doane. 2,226,222; Dec. 24.
Luminescent compound and making the same. T. E. Foulke. 2,205,815; June 25.
Luminescent device. A. N. Lucian. 2,221,644; Nov. 12.
Luminescent material. R. W. P. de Vries. 2,203,898; June 11.
Luminescent material. G. E. Holman. 2,226,512; Dec. 24.
Luminescent material. H. G. Jenkins and A. H. McKeag. 2,226,404. Dec. 24.
Luminescent material. A. H. McKeag. 2,223,425; Dec. 3.
Luminescent material. A. H. McKeag. 2,225,704; Dec. 24.
Luminescent material. A. H. McKeag. 2,226,407; Dec. 24.
Luminescent material. S. Isenberg. 2,192,864; Mar. 5.
Luminescent material. S. Isenberg. 2,222,509; Nov. 19. 19.
Luminescent material. H. W. Leverenz. 2,212,209; Aug. 20.
Luminescent material. A. H. McKeag. 2,214,643; Sept. 10.
Luminescent material. J. T. Randall. 2,195,341; Mar. 26.
Luminescent material and preparation thereof. A. H. McKeag. 2,201,698; May 21.
Luminescent material and producing the same. T. E. Foulke. 2,203,682; June 11.
Luminescent material,Preparing. W. A. Roberts. 2,196,-082; Apr. 2.
Luminescent material, Synthesizing. H. W. Leverenz. 2,210,087; Aug. 6.
Luminescent materials, Manufacture of. H. C. Froelich. 2,206,280; July 2.
Luminescent materials, Treating. W. Flechsig. 2,187,022; Jan. 16.
Luminescent screen. G. F. Brett. 2,195,444; Apr. 2.
Luminescent screen. H. W. Kaufmann. 2,219,929; Oct. 29.
Luminous display, Unitary. H. R. Owen. 2,202,397; May 28.
Luminous material and intensifying screen for X-rays and manufacturing the same. J. Einig. 2,220,894; Nov. 12.
Luminous material and manufacturing the same. J. Einig and G. Stahlberg. 2,202,048; May 28.
Luminous sign. K. G. Hengel. 2,188,404; Jan. 30.
Lump materials, Marking. J. A. Cormack. 2,209,765; July 30.
Lunch box. S. H. Douglass. 2,187,196; Jan. 16.
Lunch box. S. H. Douglass. 2,197,034; Apr. 16.
Lure apparatus, Dog racing. R. H. Alldritt. 2,197,446; Apr. 16.
Lure, Artificial fish. J. Nelson. 2,206,789; July 2.
Lure, Fish. F. P. Bouton. Re. 21,553; Sept. 10.
Lure, Fish. D. R. Fagerholm. 2,205,472; June 25.
Lure, Fish. M. R. Ferris. 2,202,519; May 28.
Lure, Fish. L. J. Fox. 2,205,773; June 25.
Lure, Fish. W. M. Gambill. 2,219,225; Oct. 22.
Lure, Fishing. L. J. and J. E. Zander. 2,216,929; Oct. 8.
Macaroni filter. M. Tanzi. 2,221,334; Nov. 12.
Machine and method for cooling powdered products. C. H. Leaf. 2,202,498; May 28.
Machine and method for making manifold forms. G. L. Fulk. 2,209,692; July 30.
Machine and method for making nut blanks. J. J. McLaughlin. 2,221,598; Nov. 12.
Machine and method for manufacturing reinforced fabric. H. Leal. 2,218,758; Oct. 22.
Machine and method for package closure. R. M. Bergstein. 2,206,761; July 2.
Machine and method for sealing vitreous vessels. H. D. Madden. 2,197,527; Apr. 16.
Machine and method for twisting metal wires. K. J. Jensen. Re. 21,596; Oct. 8.
Machine and method of making bags. E. E. Lakso. 2,206,965; July 9.
Machine and method of making multiply nonsifting bags. H. G. and H. H. Weber. 2,215,518; Sept. 24.
Machine and method of producing elastic top stockings. H. McAdams. 2,195,181; Mar. 26.
Machine and process for plaiting. E. L. Benedict. 2,196,006; Apr. 2.
Machine brake. D. W. Letner. 2,211,279; Aug. 13.
Machine brake. G. E. Ramstad. 2,206,617; July 2.
Machine construction. S. A. Huffman. 2.185.998; Jan. 9.
Machine debris discharger, Cylinder refinishing. O. Schumacher. 2,199,652; May 7.
Machine elements on a shaft, Fastening. H. Martin. 2,226,777; Dec. 31.
Machine for actuating fluid. N. N. Straatveit. 2,195,792; Apr. 2.
Machine for adhesively applying and securing covering material to articles. L. E. La Bombard. 2,202,496; May 28.
Machine for aerating water. L. Lefevre. 2,187,746; Jan. 23.
Machine for affixing opening threads to sealed containers. H. J. Engle, O. J. Gaedig, R. T. Henneberry, and L. W. Uhles. 2,195,085; Mar. 26.
Machine for applying belt fasteners. J. K. Diamond. 2,220,067; Nov. 5.
Machine for applying belt lacers and the like. J. K. Diamond. 2,224,184; Dec. 10.
Machine for applying closures of thin flexible material to containers. I. L. Wilcox. 2,187,190; Jan. 16.
Machine for applying cord to trim panels. E. C. Zablocki. 2,209,371; July 30.
Machine for applying folders to cans. H. W. Kagley. 2,195,111; Mar. 26.
Machine for applying labels and the like. G. W. von Hofe. 2,217,325; Oct. 8.
Machine for applying sealing tape to wrapped articles. O. G. Strauss. 2,199,033; Apr. 30.
Machine for applying stamps or the like, Automatic. A. Gasca. 2,196,792; Apr. 9.
Machine for applying tips to electric conductors. H. A. Elliott. 2,225,739; Dec. 24.
Machine for applying wear-resistant plating. G. Sembdner. 2,190,611; Feb. 13.
Machine for arranging and stacking biscuits or the like. J. C. Paterson. 2,205,106; June 18.
Machine for assembling articulated elements. R. N. Brown. 2,210,615; Aug. 6.
Machine for attaching fastenings to attaché cases, trunks and the like. C. W. Cheney. 2,221,832; Nov. 19.
Machine for attaching ignition bands to cigarettes. A. H. Fox. 2,200,420; May 14.
Machine for balancing tires. L. M. Littlefield. 2,197,077; Apr. 16.
Machine for balancing tires. D. A. Mason. 2,197,808; Apr. 23.
Machine for beating and dressing furs and the like. S. Haskin. 2,187,543; Jan. 16.
Machine for bending wood sheets. V. R. Trabucco. Re. 21,479; June 4.
Machine for blocking hat bodies. H. W. Hunter. 2,217,906; Oct. 15.
Machine for booking matches. M. Paridon. 2,226,738; Dec. 31.
Machine for broaching external splines. K. C. Monroe. 2,198,882; Apr. 30.
Machine for circulating clean, deodorized, and sterilized air. O. M. Doud and R. V. Otto. 2,209,054; July 23.
Machine for classifying fine-grained materials. A. D. Sinden. 2,210,505; Aug. 6.
Machine for cleaning furs. N. V. Hagopian. 2,188,684; Jan. 30.
Machine for cleaning space bands. O. C. Haderer and W. Klein. 2,202,654; May 28.
Machine for cleansing and treating. D. E. Bonner. 2,203,251; June 4.
Machine for clearing out pipe. J. D. Magruder. 2,210,300; Aug. 6.
Machine for coating flanged can bodies. A. L. Kronquest. 2,206,778; July 2.
Machine for color printing. P. C. de Save. 2,226,807; Dec. 31.
Machine for cooking hot dogs. W. T. Nardin. 2,211,024; Aug. 13.
Machine for cutting annular fruit bodies. E. R. Jagenburg. 2,212,605; Aug. 27.
Machine for cutting brick or the like. R. H. Stahl. 2,205,313; June 18.

Machine for cutting continuous filaments into staple fibers. E. Kinsella. 2,226,130; Dec. 24.
Machine for cutting corn from the cob. W. W. and S. E. Morral. 2,212,071; Aug 20.
Machine for cutting gears. O. E. Staples and C. M. Perkins. 2,196,087; Apr. 2.
Machine for cutting grass. D. H. Cockburn. 2,198,526; Apr. 23.
Machine for cutting leather. R. N. Dunkle. 2,204,727; June 18.
Machine for cutting, lifting, and conveying peat sods. J. Steinert. 2,200,137; May 7.
Machine for cutting sheet material. W. I. Stone. Re. 21,353; Feb. 13.
Machine for cutting sheet metal. J. L. Dworchuck and J. Brozovic. 2,208,022; July 16.
Machine for cutting sheet stock. E. W. Stacey. 2,211,840; Aug. 20.
Machine for cutting shoe treeing sticks. P. H. Dixon. 2,187,826; Jan. 23.
Machine for cutting sugar cane and the like. J. J. Munson and B. C. Thomson. 2,220,793; Nov. 5.
Machine for cutting tile and like articles. C. A. Martin. 2,213,011; Aug. 27.
Machine for decoding symbols. W. D. Ryan and R. H. Hendrickson. 2,204,153; June 11.
Machine for deforming the edge of an article. J. Brenzinger. 2,224,666; Dec. 10.
Machine for developing blueprints or negatives. H. J. Brunk. 2,219,620; Oct. 29.
Machine for die-casting bezels for fragile inserts. E. H. Mulcahy. 2,193,935; Mar. 19.
Machine for die-casting frames on fragile inserts. L. L. Berry. 2,193,787; Mar. 19.
Machine for die casting under pressure. K. Lebkuchner. 2,201,906; May 21.
Machine for digging and cleaning ditches. R. S. Byrnes. 2,223,479; Dec. 3.
Machine for dispensing horoscopes. V. F. Slezak. 2,214,542; Sept. 10.
Machine for dispensing stamps and like articles. A. Doebeli. 2,195,770; Apr. 2.
Machine for displaying and dispensing soap tablets or the like articles. B. Cramp. 2,189,544; Feb. 6.
Machine for dyeing fabrics. F. C. Wedler. 2,204,839; June 18.
Machine for feeding cans to labeling machines. J. H. Mosley and M. McFaull. 2,226,068; Dec. 24.
Machine for feeding, counting, and packaging articles. F. E. Domke. 2,204,126; June 11.
Machine for feeding photographic paper. W. P. Lloyd. 2,223,767; Dec. 3.
Machine for filling heel seats of shoes. J. T. Lancaster. 2,211,065; Aug. 13.
Machine for filling receptacles. J. Dichter. 2,219,223; Oct. 22.
Machine for filling receptacles with liquids. S. F. Broadhurst. 2,196,096; Apr. 2.
Machine for finishing rubber valve stems. P. Michel. 2,191,536; Feb. 27.
Machine for finishing surfaces. R. S. Drummond. 2,206,769; July 2.
Machine for flocking. R. E. Fogg. 2,187,617; Jan. 16.
Machine for forming air cushion frames. R. Pedaline. 2,209,472; July 30.
Machine for forming end loops on helical springs. F. L. Cook. 2,188,705; Jan. 30.
Machine for forming helical gears. E. L. Ackerman. 2,192,783; Mar. 5.
Machine for forming liner bags from thin sheet material. H. L. Jacoby and I. L. Wilcox. 2,216,349; Oct. 1.
Machine for forming packages. W. T. Martin. 2,189,347; Feb. 6.
Machine for forming shapes. C. M. Yoder. 2,226,649; Dec. 31.
Machine for forming sheet metal elbows. C. J. Holub. 2,219,993; Oct. 29.
Machine for forming solid carbon dioxide. R. Hill. 2,217,169; Oct. 8.
Machine for forming springs. F. J. Horton. 2,188,406–7; Jan. 30.
Machine for forming the bottoms of bags. E. E. Anderson. 2,205,005; June 18.
Machine for forming tubular bodies. W. H. Bonham. 2,205,029; June 18.
Machine for frosting bakery products. V. E. Ackles. 2,222,390; Nov. 19.
Machine for frying food. W. T. Dusterdick. 2,189,200; Feb. 6.
Machine for generating power transmitting surfaces and method. R. P. Rentzell. 2,207,177; July 9.
Machine for grinding. R. W. Osborn. 2,211,350; Aug. 13.
Machine for grinding and making ready printing plates. K. Krüger and L. Koop. 2,206,229; July 2.
Machine for grinding crankshafts. H. S. Indge. 2,221,260; Nov. 12.
Machine for grinding gear teeth by the generating process. F. and A. Linse. 2,207,018; July 9.
Machine for grinding noncircular work. H. E. Balsiger and C. L. Ott. 2,201,218; May 21.
Machine for grinding or polishing lenses. D. Taylor. 2,214,977; Sept. 17.
Machine for grinding the crank pins or crank shafts. C. Mayer. 2,202,111; May 28.
Machine for heat-treating metal articles. B. H. Urschel. 2,188,257; Jan. 23.
Machine for hulling nuts. N. G. Andersen. 2,208,239; July 16.
Machine for inserting pouring spouts into containers. H. Brucker. 2,216,733; Oct. 8.
Machine for mail, Coin-controlled prepaying. W. Friedrichs. Re. 21,586; Oct. 1.
Machine for making and applying tufts and the like. R. E. Walliser. Re. 21,665; Dec. 17.
Machine for making cigarettes. W. B. Pohle. 2,218,071; Oct. 15.
Machine for making closures. H. T. H. Andresen. 2,196,619; Apr. 9.
Machine for making confections. O. G. Brautigam. 2,195,836; Apr. 2.
Machine for making cylindrical brushes. C. E. Fisher. 2,223,681; Dec. 3.
Machine for making drinking and similar tubes. O. W. Dieffenbach. 2,212,915; Aug. 27.
Machine for making elastic yarn. F. D. Chittenden and H. Manchester. 2,210,883; Aug. 13.
Machine for making fastener stringers. J. A. Chappuis. 2,205,616; June 25.
Machine for making, filling, and sealing packages. T. McCoy, and J. L. and M. Rosefield. 2,215,011; Sept. 17.
Machine for making fringe. F. A. Arbogast. 2,217,977; Oct. 15.
Machine for making hollow blocks. A. Kissam. 2,192,474; Mar. 5.
Machine for making insulation. W. F. Astley. 2,191,875; Feb. 27.
Machine for making Italian pizza. S. Pacilio. 2,190,483; Feb. 13.
Machine for making Jordan shell linings. H. D. Stuck. 2,201,001; May 14.
Machine for making laminated pinions. W. L. Hansen and I. N. Hurst. 2,202,693; May 28.
Machine for making link rods. E. D. Dahlman. 2,217,333; Oct. 8.
Machine for making loaves. H. Verheij. 2,195,346; Mar. 26.
Machine for making match fuses and the like. J. Gioiosa. 2,197,407; Apr. 16.
Machine for making multiply belting. J. A. Webb. 2,186,775; Jan. 9.
Machine for making paper bags. A. Finke. 2,205,718; June 25.
Machine for making pies. J. F. Kohler. 2,192,918; Mar. 12.
Machine for making pressed articles. F. Schnell. 2,209,141; July 23.
Machine for making pulp articles. E. M. Paterson and R. O. Wilson. 2,224,881; Dec. 17.
Machine for making purely pressed glassware. W. K. Berthold. 2,207,676; July 9.
Machine for making rail anchors. L. A. Schneider. 2,206,307; July 2.
Machine for making sandpaper and other abrasives. W. Burns. 2,217,247; Oct. 8.
Machine for making satchel-bottom bags. L. Bischoff. 2,192,177; Mar. 5.
Machine for making shafts. C. E. Miller. 2,219,694; Oct. 29.
Machine for making suckers. H. E. Davis and O. Werner. 2,192,897; Mar. 12.
Machine for making sugar cones. R. A. Yohai and H. G. Tatosian. 2,213,727; Sept. 3.
Machine for making wall strips. J. Iwaniw. 2,205,201; June 18.
Machine for making weatherproof nails. R. B. Dickson. 2,225,738; Dec. 24.
Machine for manufacturing brake shoe inserts. W. S. Fraula. 2,188,146; Jan. 23.
Machine for manufacturing fishing nets automatically. T. Nishiguchi. 2,219,015; Oct. 22.
Machine for manufacturing propeller blades by copying. P. J. P. Ratié. 2,204,696; June 18.
Machine for manufacturing rotary gear cutters. M. Mentley. 2,202,709; May 28.
Machine for marking scales on work pieces. P. Dinkel. 2,221,577; Nov. 12.
Machine for mixing or masticating rubber and like material. R. T. Cooke. 2,217,103; Oct. 8.
Machine for molding counter stiffeners. M. L. Dodge. 2,194,892; Mar. 26.
Machine for molding glass articles. J. P. Benoit, C. C. Kinker, R. G. Allen, H. A. Rohrich, and C. W. Schreiber. 2,225,899; Dec. 24.
Machine for nailing shoe bottoms. L. P. Tremblay. 2,186,155; Jan. 9.
Machine for nailing straps to band sticks. M. F. McLeod. 2,195,421; Apr. 2.
Machine for nibbling or punching metal and other sheets. G. H. Webb. 2,217,393; Oct. 8.
Machine for operating on floors. E. Faber. 2,220,224; Nov. 5.
Machine for operating on sheet material. L. B. Hooper. 2,189,797; Feb. 13.
Machine for operating on sheet material. C. M. Yoder. 2,210,018; Aug. 6.
Machine for operating on sheet metal. C. M. Yoder. 2,201,214; May 21.
Machine for operating on shoe bottoms. J. B. Hadaway. 2,220,235; Nov. 5.

Machine for operating on shoe soles. C. M. Bagshaw, V. E. Wilson, and A. W. Hallam. 2,209,377; July 30.
Machine for operating on shoes. G. Clarke. 2,214,043; Sept. 10.
Machine for operating on shoes. N. H. Knowlton. 2,222,774; Nov. 26.
Machine for operating on shoes. J. W. Pratt and W. A. Barker. 2,207,819; July 16.
Machine for operating on shoes or shoe parts. E. E. Winkley. 2,225,142; Dec. 17.
Machine for operating upon sheet material. M. D. Williams. 2,201,278; May 21.
Machine for operating upon shoe soles. J. B. Hadaway, and J. R. O'Brien. 2,215,501; Sept. 24.
Machine for operating upon shoes. C. G. Brostrom. 2,200,381; May 14.
Machine for operating upon stitchdown shoes. A. C. Eek and E. F. Huhn. 2,226,754; Dec. 31.
Machine for ornamenting bricks. L. Bentley and E. Garforth. 2,193,916; Mar. 19.
Machine for packeting cigarettes or the like. G. D. Horgan. 2,225,477; Dec. 17.
Machine for packing matches. C. F. Wright. 2,226,685; Dec. 31.
Machine for patting candy. L. H. Zeun. 2,191,268; Feb. 20.
Machine for perforating successive operations on materials. J. J. Miller. 2,211,285; Aug. 13.
Machine for performing nailing and like fastening operations. J. Hoza. 2,198,308; Apr. 23.
Machine for photographing documents. F. D. Pooley, Jr. 2,194,808; Mar. 26.
Machine for polishing journals of railroad vehicle axles. W. W. Dixon. 2,212,980; Aug. 27.
Machine for polishing metal powders. H. H. Mandle. 2,199,707; May 7.
Machine for polishing or grinding lenses and other objects. D. Taylor. 2,219,641; Oct. 29.
Machine for polishing rollers, such as used in printing machines. I. H. Gilbertson. 2,203,567; June 4.
Machine for positioning string handles on bags. C. G. Eaton and A. J. Thomas. 2,224,040; Dec. 3.
Machine for preparing wood blocks for film drying. J. O. Matteson. 2,218,890; Oct. 22.
Machine for pressing seamed material. S. Chinnici. 2,226,197; Dec. 24.
Machine for pressing seams. S. Chinnici. 2,197,448; Apr. 16.
Machine for printing on jars. D. W. Knaggs. 2,195,625; Apr. 2.
Machine for producing articles of molded plastic material. J. Lupo, Jr. 2,209,412; July 30.
Machine for producing flat-knitted reinforced fabrics. E. J. Berger. 2,211,315; Aug. 13.
Machine for producing gears. W. Forster. 2,222,708; Nov. 26.
Machine for producing shapes. C. M. Yoder. 2,206,068; July 2.
Machine for punching and coiling dynamo core ribbons. E. Kürsteiner. 2,200,425; May 14.
Machine for raising metal spines. A. F. Hoesel. 2,219,315; Oct. 29.
Machine for raising spines. F. R. Swanson. 2,219,343; Oct. 29.
Machine for ramming molds. M. G. Clay and E. O. Beardsley. 2,212,510; Aug. 27.
Machine for reading perforated record cards. C. C. Smith. 2,203,000; June 4.
Machine for reducing material. A. D. Hadsel. 2,192,549; Mar. 5.
Machine for refining paper stock. E. Cowles. 2,220,677; Nov. 5.
Machine for reinforcing pipe. J. E. Miller and P. L. Osweiler. 2,215,361; Sept. 17.
Machine for relieving cutters. E. Wildhaber. 2,221,827; Nov. 19.
Machine for removing hair from laundry articles. F. B. Clark. 2,222,139; Nov. 19.
Machine for removing surface moisture from lump material. J. A. Albrecht. 2,207,278; July 9.
Machine for reseating manhole frames. G. J. Kruell. 2,211,134; Aug. 13.
Machine for scalping metal work pieces. H. T. R. Hanitz. 2,201,173; May 21.
Machine for scutching flax or like plant stalks. M. A. Soenens. 2,207,900; July 16.
Machine for sealing containers. A. H. Anderson. 2,227,171; Dec. 31.
Machine for sealing-in and molding lamp bulbs. M. E. McGowan. 2,212,842; Aug. 27.
Machine for separating shoes from lasts. A. L. Jalbert. 2,199,492; May 7.
Machine for separating shoes from lasts. C. A. Robinson. 2,213,229; Sept. 3.
Machine for serial numbering and notching cards. T. C. Andrews. 2,211,310; Aug. 13.
Machine for shaping uppers over lasts. J. C. Jorgensen. 2,196,309; Apr. 9.
Machine for shaping uppers over lasts. F. B. Keall and H. Lane. 2,225,639; Dec. 24.
Machine for shaping uppers over lasts. R. H. Lawson. 2,224,157; Dec. 10.
Machine for shaping uppers over lasts. L. G. Miller and T. P. Courchene. 2,224,230; Dec. 10.
Machine for shaping uppers over lasts. A. F. Pym. 2,217,771; Oct. 15.
Machine for shaping wires which are intended for binding perforated leaflets. A. L. Martin. 2,190,722; Feb. 20.
Machine for sharpening files. F. P. Jackson. 2,222,034; Nov. 19.
Machine for sharpening the points of twist drills or the like. J. Armand. 2,199,773; May 7.
Machine for shaving gear segments. W. S. Praeg. 2,226,018; Dec. 24.
Machine for shelling rice and other hard kerneled grains, seeds, and beans. R. H. Brown. 2,211,096; Aug. 13.
Machine for slitting and trimming plastic webs. F. A. Parkhurst. 2,199,648; May 7.
Machine for slitting meat. J. P. Spang. 2,203,603; June 4.
Machine for slitting well casings and the like. G. E. Green. 2,185,337; Jan. 2.
Machine for soldering lithographed cans on the inside. A. Weisenburg and M. W. Augustyniak. 2,193,955; Mar. 19.
Machine for spreading pulverized materials. J. E. Miles. 2,185,415; Jan. 2.
Machine for stamping out blanks. J. Hoza. 2,213,914; Sept. 3.
Machine for stapling diversified work. R. E. Peterson and H. M. Larsen. 2,185,751; Jan. 2.
Machine for storing and vending refrigerated articles. C. F. Wood. 2,221,016; Nov. 12.
Machine for straightening axles and frames of automobiles. J. Fried. 2,198,434; Apr. 23.
Machine for surface-finishing pilous materials. G. F. Farr. 2,219,128; Oct. 22.
Machine for surfacing sheets of zinc and copper. T. J. Masse. 2,216,538; Oct. 1.
Machine for testing tenderness of peas. W. R. Eddington. 2,226,600; Dec. 31.
Machine for testing the hardness of materials. H. Yates. 2,217,089; Oct. 8.
Machine for the displacement and compression of fluids. J. Szydlowski and A. P. E. Planiol. 2,210,155; Aug. 6.
Machine for the expression from solids of liquids associated therewith, Continuously operable. P. D. Weston. 2,216,996; Oct. 8.
Machine for the gluing together of the edges of veneer sheets. A. Friz. Re. 21,593; Oct. 8.
Machine for the knitting of elastic top stockings and knitting the same thereon. H. McAdams. 2,213,145; Aug. 27.
Machine for the manufacture of boots, shoes, and like articls of footwear. J. Hoza. 2,213,913; Sept. 3.
Machine for the manufacture of glass articles. T. F. Pearson. 2,191,237; Feb. 20.
Machine for the manufacture of glass articles. T. F. Pearson. 2,193,376; Mar. 12.
Machine for the manufacture of porous pipe. K. Klemschofski. 2,185,597; Jan. 2.
Machine for the molding or casting under pressure of metals. J. de Sternberg. 2,191,789; Feb. 27.
Machine for the multicolor printing of textile fabrics. E. Overlack. 2,217,133; Oct. 8.
Machine for the ornamentation of welts. J. Hoza. 2,204,993; June 18.
Machine for the production of arc-welding electrodes. J. Alder and A. Grilz. 2,213,481; Sept. 3.
Machine for the production of looped fabric. H. Korber. 2,193,969; Mar. 19.
Machine for the purpose of destroying the pink bollworm in cottonseeds. R. E. McDonald and G. J. Scholl. 2,191,893; Feb. 27.
Machine for topping beets. M. and W. Piljugin. 2,207,943; July 16.
Machine for training student pilots in handling airplanes. F. L. Fox. 2,216,489; Oct. 1.
Machine for transferring fluids. E. R. and R. B. Corneil. 2,201,575; May 21.
Machine for treating and sealing filled containers. A. L. Kronquest. 2,227,190; Dec. 31.
Machine for treating cotton plants. J. B. Neil and T. C. O'Farrell. 2,200,242; May 14.
Machine for treating fruit. A. E. Stanley. 2,195,193; Mar. 26.
Machine for treating insoles. W. L. MacKenzie. 2,222,778; Nov. 26.
Machine for treating preregistered printing plates. I. Tornberg. 2,207,993; July 16.
Machine for treating ramie grass to liberate and clean the fibers. B. Nicholas. 2,215,050; Sept. 17.
Machine for turning and binding the edges of leather. L. J. Noecker. 2,198,456; Apr. 23.
Machine for uniformly spacing parallel cords. J. G. Gates and J. H. V. Finney. 2,220,760; Nov. 5.
Machine for unwinding a web of material. W. R. Kent. 2,199,594; May 7.
Machine for use in applying pressure to shoe bottoms. E. R. Everett. 2,189,943; Feb. 13.
Machine for use in making boxes. A. L. Rosenmund. 2,191,684; Feb. 27.
Machine for use in the manufacture of shoes. J. B. Hadaway. 2,218,576; Oct. 22.
Machine for use in the manufacture of shoes. J. S. Kamborian. 2,194,598; Mar. 26.
Machine for use in the manufacture of shoes. R. H. Lawson. 2,201,866; May 21.

Machine for vending articles stocked in a plurality of chutes. L. Steiner. 2,207,902; July 16.
Machine for verifying statistical records. W. E. Johnson. 2,198,723; Apr. 30.
Machine for voicing reeds of harmonicas. F. L. Johnson. 2,225,784; Dec. 24.
Machine for washing cream separator disks. J. R. Lapham and F. S. Holida. 2,225,501; Dec. 17.
Machine for washing milk cans. I. H. Kendall. 2,189,176; Feb. 6.
Machine for washing milk bottle cases. I. H. Kendall. 2,207,697; July 16.
Machine for welding and forging metals. E. Gaspar. 2,219,279; Oct. 29.
Machine for wrapping pipes. M. L. Hamlin. 2,191,316; Feb. 20.
Machine parts, Cooling. A. Meyer. 2,220,420; Nov. 5.
Machine support. H. A. Avery. 2,225,093; Dec. 17.
Machine to play game of nim. E. U. Condon, G. L. Tawney, and W. A. Derr. 2,215,544; Sept. 24.
Machine to select, segregate, and choose addressograph frames. S. O. Krieger. 2,200,751; May 14.
Machine tool. W. F. Aller and H. L. Rausch. 2,187,961; Jan. 23.
Machine tool. J. S. Armitage. 2,215,684; Sept. 24.
Machine tool. A. F. Bennett and G. B. Hirsch. 2,205,462; June 25.
Machine tool. A. F. Bennett and G. B. Hirsch. 2,222,702; Nov. 26.
Machine tool. M. S. Curtis. 2,227,407; Dec. 31.
Machine tool. F. Gaitzsch. 2,204,485; June 11.
Machine tool. B. R. Granberg. 2,203,298; June 4.
Machine tool. B. R. Granberg and A. G. Ericson. 2,206,886; July 9.
Machine tool. C. J. Green. 2,222,563; Nov. 19.
Machine tool. H. R. Hawgood. 2,224,817; Dec. 10.
Machine tool. J. R. Johnson. 2,227,410; Dec. 31.
Machine tool. E. E. Kelley. 2,201,182–3; May 21.
Machine tool. A. Kolb and W. Wilk. 2,197,308; Apr. 16.
Machine tool. M. E. Lange. 2,214,820; Sept. 17.
Machine tool. M. E. Lange and J. J. N. Van Hammersveld. 2,225,913; Dec. 24.
Machine tool. D. H. Montgomery and A. H. Jobert. 2,192,198; Mar. 5.
Machine tool. A. Oberhoffken and H. R. Johnson. 2,198,633; Apr. 30.
Machine tool. J. O. Olsen. 2,220,268; Nov. 5.
Machine tool. L. F. Poock. 2,201,500; May 21.
Machine tool. L. F. Poock. 2,202,428; May 28.
Machine tool. W. W. Potter. 2,220,425; Nov. 5.
Machine tool. W. F. Ridgway. 2,224,106–8; Dec. 3.
Machine tool. C. H. Schurr. 2,186,770; Jan. 9.
Machine tool. W. I. Senger. 2,218,182; Oct. 15.
Machine tool. I. J. Snader. 2,217,973; Oct. 15.
Machine tool. J. J. N. Van Hamersveld. 2,189,482; Feb. 6.
Machine tool. J. J. N. Van Hamersveld. 2,224,887; Dec. 17.
Machine tool. E. Wohlhaupter. 2,209,867; July 30.
Machine tool, Adaptable. G. E. Hallenbeck and C. Jobst. 2,187,854; Jan. 23.
Machine tool feed. J. M. Walter. 2,215,140; Sept. 17.
Machine tool, Tracer controlled. R. D. Shaw. 2,207,830; July 16.
Machinery for making window envelopes. A. Novick. 2,191,496; Feb. 27.
Machines, Method and apparatus for controlling synchronous. H. T. Seeley. 2,207,556; July 9.
Machining apparatus. J. F. McMenamin. 2,191,409; Feb. 20.
Machining method of the races of ball bearings. R. Annen. 2,223,799; Dec. 3.
Machining tool. W. Chladek. 2,221,574. Nov. 12.
Magazine. B. W. Fry. 2,205,192; June 18.
Magazine and camera therefor, Motion picture. J. Mihalyi. 2,186,612; Jan. 9.
Magazine and film handling apparatus. W. D. Foster. 2,216,909; Oct. 8.
Magazine, Film. A. G. Zimmerman. 2,206,381; July 2.
Magazine for hair curlers, Hairpin. J. D. Spreckels. 2,226,351; Dec. 24.
Magazine for razor blades. L. Kuhnl. 2,200,752; May 14.
Magazine for razor blades. L. Kuhnl. 2,215,008; Sept. 17.
Magazine for razors, Blade. O. V. Rodrigues. 2,202,468; May 28.
Magazine for vending machines. W. A. Harris. 2,186,527; Jan. 9.
Magazine, Reversible film. H. L. Williams. 2,226,363; Dec. 24.
Magazine, Safety razor blade. S. H. Benjamin. 2,187,370; Jan. 16.
Magazine stand. W. A. Rogers. 2,192,243; Mar. 5.
Magazine switch mechanism, Coin-controlled. F. H. Osborne and T. M. Wright. 2,216,624; Oct. 1.
Magazine wrench. R. L. Sheetz. 2,220,354; Nov. 5.
Magnesia and method of making, Activated. M. Y. Seaton. 2,219,726; Oct. 29.
Magnesia product, Granular. M. F. Goudge. 2,208,185; July 16.
Magnesia refractories, Making corrected. G. E. Seil. 2,206,131; July 2.
Magnesite and similar matters, Manufacture of artificial. C. Hart. 2,195,367; Mar. 26.
Magnesium alloy. A. Burkhardt and R. Knabe. 2,204,568; June 18.
Magnesium alloy. A. Burkhardt and R. Knabe. 2,226,549–50; Dec. 31.
Magnesium alloy. F. Christen. 2,188,239; Jan. 23.
Magnesium alloy. F. Christen. 2,198,762; Apr. 30.
Magnesium alloy of high strength. A. Burkhardt and R. Knabe. 2,204,567; June 18.
Magnesium alloys. F. Christen. 2,227,334–5; Dec. 31.
Magnesium and its alloys, Protecting. J. Frasch. 2,196,161; Apr. 2.
Magnesium and magnesium alloys, Protection of. H. Sutton and L. F. Le Brocq. 2,224,528; Dec. 10.
Magnesium and magnesium base alloys in induction furnaces, Melting. A. Beck, H. Schunck, and G. Ostermann. 2,208,242; July 16.
Magnesium and other metals, Manufacture of. F. R. Kemmer. 2,208,586; July 23.
Magnesium, Anodic treatment of. R. W. Buzzard. 2,206,028; July 2.
Magnesium base alloy. H. Altwicker and W. Rosenkranz. 2,221,319; Nov. 12.
Magnesium base alloy. J. D. Hanawalt and J. C. McDonald. 2,221,245; Nov. 12.
Magnesium base alloy. J. D. Hanawalt and J. C. McDonald. 2,221,248; Nov. 12.
Magnesium base alloy. J. D. Hanawalt and J. C. McDonald. 2,221,250; Nov. 12.
Magnesium base alloy. J. D. Hanawalt and J. C. McDonald. 2,221,253–4; Nov. 12.
Magnesium base alloy. J. C. McDonald. 2,221,243–4; Nov. 12.
Magnesium base alloy. J. C. McDonald. 2,221,246–7; Nov. 12.
Magnesium base alloy. J. C. McDonald. 2,221,251–2; Nov. 12.
Magnesium base alloy. J. C. McDonald. 2,221,255–9; Nov. 12.
Magnesium base alloy. J. C. McDonald and J. D. Hanawalt. 2,221,249; Nov. 12.
Magnesium base alloy. F. Sauerwald and H. Eisenreich. 2,219,056; Oct. 22.
Magnesium carbonate composition and effecting setting thereof, Self-set. S. A. Abrahams and R. Lewon. 2,209,754; July 30.
Magnesium carbonate composition and preparation. S. A. Abrahams and R. Lewon. 2,209,753; July 30.
Magnesium carbonate composition and preparation thereof. S. A. Abrahams, R. Lewon, and L. L. Collonge. 2,209,752; July 30.
Magnesium chloride, Production of anhydrous. W. Schmid, F. Wienert, and H. G. L. von Stocmeier. 2,201,206; May 21.
Magnesium compounds, Preparation of. H. C. and E. K. Lee. 2,215,966; Sept. 24.
Magnesium compounds, Producing pure. R. Müller. 2,216,402; Oct. 1.
Magnesium content of aluminum-base alloys, Reducing. H. Lindenberger and A. Sugar. 2,195,217; Mar. 26.
Magnesium hydroxide, Manufacture of crystalline. H. H. Chesny. 2,224,780; Dec. 10.
Magnesium oxide, Recovering. H. R. Brandenburg. 2,210,892; Aug. 13.
Magnesium, Producing. R. C. Kirk. 2,205,659; June 25.
Magnesium, Producing. R. C. Kirk. 2,214,557; Sept. 10.
Magnesium, Producing metallic. K. Erdmann. 2,200,772; May 14.
Magnesium, Production of. R. C. Kirk. 2,205,658; June 25.
Magnesium, Production of. R. C. Kirk. 2,205,660; June 25.
Magnesium, Production of. J. S. Peake and F. C. Bennett. 2,224,160; Dec. 10.
Magnesium, Production of metallic. K. Ebner. 2,224,041; Dec. 3.
Magnesium, Production of metallic. R. Suchy and H. Seliger. 2,219,059; Oct. 22.
Magnesium products, Preparation of. W. H. Farnsworth and C. H. Martin. 2,191,560; Feb. 27.
Magnesium silicate products, Making. N. Goodwin. 2,203,614; June 4.
Magnesium sulphate, Drying. L. D. Richards. 2,218,551; Oct. 22.
Magnesium titanates and making same. J. A. Plunkett and E. Wainer. 2,196,325; Apr. 9.
Magnet. A. Eisele. 2,224,954; Dec. 17.
Magnet and producing the same, Permanent. G. Wassermann. 2,205,611; June 25.
Magnet chuck and demagnetizer, Permanent. S. Karasick, 2,187,240; Jan. 16.
Magnet consisting of iron, nickel, and copper, Permanent. O. Dahl, J. Pfaffenberger, and P. Melchior. 2,196,824; Apr. 9.
Magnet control circuit. R. O. Wertz. 2,206,823; July 2.
Magnet controller, Lifting. A. L. Ward. 2,195,017; Mar. 26.
Magnet device for producing axially symmetrical magnetic fields, Permanent. F. H. Nicoll. 2,200,039; May 7.
Magnet electroresponsive device, High speed permanent. E. W. Boehne. 2,188,803; Jan. 30.
Magnet for lifting annular objects. A. L. Ward. 2,220,561; Nov. 5.

Magnet, Laminated. F. S. Stickney. 2,221,618; Nov. 12.
Magnet, Sintered permanent. G. H. Howe. 2,192,743–4; Mar. 5.
Magnetic analysis. T. Zuschlag. 2,202,884; June 4.
Magnetic analysis. T. Zuschlag. 2,208,145; July 16.
Magnetic clamp. W. C. Barnes and H. W. Keevil. 2,204,396; June 11.
Magnetic clamp. W. Owen. 2,213,014; Aug. 27.
Magnetic clamping appliance. J. Bing and O. Block. 2,209,558; July 30.
Magnetic core and coil assembly. J. J. O'Callaghan. 2,206,261; July 2.
Magnetic core structure and assembly. R. H. Dierstein. 2,209,811; July 30.
Magnetic deflating system for Braun tubes. E. Ruska. 2,206,125; July 2.
Magnetic deflecting system for Braun tubes. E. Ruska. 2,208,939; July 23.
Magnetic deflection of a cathode ray, Arrangement for. K. Schlesinger. 2,227,021; Dec. 31.
Magnetic dispersion of transformers, Elimination of the. K. Schlesinger. 2,227,029; Dec. 31.
Magnetic distortion correcting means for cathode ray tubes. K. Schlesinger. 2,224,933; Dec. 17.
Magnetic field neutralizing system. W. H. Hickok. 2,214,729; Sept. 17.
Magnetic field structure. G. Smith. 2,226,448; Dec. 24.
Magnetic gauge. G. H. Campion and H. T. Dahlgren. 2,223,815; Dec. 3.
Magnetic hardness control device. M. C. Leifer and E. H. Manvell. 2,211,017; Aug. 13.
Magnetic heater. G. Smith and A. Allen. 2,226,447; Dec. 24.
Magnetic holding means. W. E. Burton. 2,209,809; July 30.
Magnetic interrupter. M. E. Nulsen, R. S. Yoder, and W. P. Lear. 2,187,950; Jan. 23.
Magnetic latch. A. J. Hornfeck. 2,219,186; Oct. 22.
Magnetic materials, Manufacture of. R. P. Cross, Jr., and A. N. Ogden. 2,200,491; May 14.
Magnetic means for stirring mercury in an ignitron. J. Slepian and W. E. Pakala. 2,189,619; Feb. 6.
Magnetic particles in nonmagnetic materials, Detecting. W. Lenk. 2,207,592; July 9.
Magnetic pickup. M. Weil. 2,212,530; Aug. 27.
Magnetic plug. T. E. Brooks. 2,214,268; Sept. 10.
Magnetic plug. T. E. Brooks. 2,225,205; Dec. 17.
Magnetic properties of ferrous alloys, Improving the. O. Dahl and F. Pawlek. 2,192,032; Feb. 27.
Magnetic recording. G. R. Clark. 2,188,650; Jan. 30.
Magnetic separation, Apparatus for. C. Q. Payne. 2,188,516; Jan. 30.
Magnetic separator. C. Q. Payne. 2,188,517; Jan. 30.
Magnetic sound recording and reproducing. S. J. Begun. 2,224,854; Dec. 17.
Magnetic speed changer. J. T. Beechlyn. 2,223,866; Dec. 3.
Magnetic structure. H. G. Wehe. 2,222,425; Nov. 19.
Magnetic structure for dynamo-electric machines. T. G. Myers. 2,201,699; May 21.
Magnetic switch. J. H. Pengilly, J. G. Moyen, H. A. Duvall, and L. G. Maechtlen. 2,186,342; Jan. 9.
Magnetic testing material. F. C. Jacobs. 2,197,931; Apr. 23.
Magnetic thickness gauge. W. E. Abbott and B. M. Smith. 2,226,275; Dec. 24.
Magnetic valve. H. A. Mantz. 2,187,834; Jan. 23.
Magnetic volume control. H. M. Wagner. 2,221,743; Nov. 12.
Magnetic work holder. C. W. Floss. 2,217,048; Oct. 8.
Magnetic work holder. S. Koller. 2,186,074; Jan. 9.
Magnetism in paramagnetic bodies, Developing exploring. R. R. Moore. 2,216,600; Oct. 1.
Magnetism of the earth's crust, Measuring the inherent terrestrial. R. E. Lee. 2,196,314; Apr. 9.
Magnetizable body having a small coercive force and producing the same, Easily machinable. P. Schuhmacher. 2,224,934; Dec. 17.
Magneto. J. Bernard. 2,198,754; Apr. 30.
Magneto. C. F. Reis. 2,189,926; Feb. 13.
Magneto assembly for internal combustion engines, Fly-Wheel. E. N. Jacobi. Re. 21,679; Dec. 31.
Magneto-electric generator. G. R. Eaton. 2,195,328; Mar. 26.
Magneto generator. E. B. Nowosielski. 2,196,682; Apr. 9.
Magneto generator. W. J. Spengler. 2,191,087; Feb. 20.
Magneto generator. T. Tognola. 2,190,956; Feb. 20.
Magneto generator. A. E. Woodruff. 2,192,216; Mar. 5.
Magneto rotor. E. A. Vogel. 2,213,724; Sept. 3.
Magneto rotor construction. D. W. Randolph and J. W. McCulloch. 2,189,524; Feb. 6.
Magnetostrictive device for light valves. O. W. Pineo. 2,206,576; July 2.
Magnetron. K. Fritz. 2,187,149; Jan. 16.
Magnetron. H. E. Hollmann. 2,199,177; Apr. 30.
Magnetron. H. E. Hollmann. 2,201,666; May 21.
Magnetron. G. R. Kilgore. 2,209,923; July 30.
Magnetron. E. G. Linder. 2,206,639; July 2.
Magnetron discharge tube circuit. W. Ilberg. 2,216,112; Oct. 1.
Magnetron modulator. E. G. Linder. Re. 21,458; May 21.
Magnetron modulator. E. G. Linder. 2,219,745; Oct. 29.
Magnetron oscillator and modulation means therefor. S. Link. 2,220,968; Nov. 12.
Magnetron receiver, Superregenerative. R. A. Braden. 2,211,091; Aug. 13.
Magnetron telegraphic repeater. L. M. Potts. 2,220,379; Nov. 5.
Magnets and products thereof, Making permanent. M. Baermann, Jr. 2,188,091; Jan. 23.
Magnifying and illuminating device, Work assisting. C. H. Kibbe. 2,199,107; Apr. 30.
Mail bag. G. C. Lester. 2,186,384; Jan. 9.
Mailbox. C. J. Holdren. 2,194,226; Mar. 19.
Mail box. M. Lau. 2,192,445; Mar. 5.
Mail box. E. Popp. 2,193,378; Mar. 12.
Mailbox and parcel post carrier, Combination. N. C. Helten. 2,194,900; Mar. 26.
Mailbox and signal therefor. G. O. Thaxton. 2,219,718; Oct. 29.
Mailbox protector. L. F. Sinsabaugh. 2,216,576; Oct. 1.
Mailbox receiving door. F. H. Shetler. 2,206,678; July 2.
Mailbox signal. J. I. Fatur. 2,217,310; Oct. 8.
Mail dispatch and pickup, Automatic. J. Vano. 2,194,157; Mar. 19.
Mail-sacking accessory. M. F. Theis. 2,203,067; June 4.
Mailing closure for cards. V. E. Heywood. 2,209,601; July 30.
Mailing piece. H. M. Petzold. 2,224,607; Dec. 10.
Make-up cap. A. E. Dixon. 2,199,395; May 7.
Maleic acid and fumaric acid derivatives. P. Kurtz. 2,224,022; Dec. 3.
Maleic acid, Production of. O. Drossbach. 2,215,095; Sept. 17.
Maleic anhydride-glycerine-rosin resin, Producing. P. J. Ryan and A. G. Hovey. 2,211,913; Aug. 20.
Maleic anhydride, Hydrogenation of. K. W. Coons. 2,198,153; Apr. 23.
Maleic anhydride, Manufacture of. J. H. Crowell. 2,222,283; Nov. 19.
Maleic anhydride, Manufacture of. H. B. Foster and J. H. Crowell. 2,205,402; June 25.
Maleic anhydride, Production of. J. Z. Miller. 2,215,070; Sept. 17.
Maleic anhydride, Recovering. E. B. Punnett. 2,211,160; Aug. 13.
Malting apparatus. W. A. Peterman. 2,202,536; May 28.
Maltose fermentation. A. S. Schultz and L. Atkin. 2,202,356; May 28.
Mandrel. H. Davis and J. Pawol. 2,197,098; Apr. 16.
Mandrel assembly. P. R. Aronson. 2,186,088; Jan. 9.
Mandrel attachment for pickling machines. S. Nyberg. 2,199,412; May 7.
Mandrel, Expanding. H. C. Spahn. 2,226,078; Dec. 24.
Mandrel for a printing plate. C. J. Rohland. 2,210,500; Aug. 6.
Mandrel rod support and operating mechanism. H. W. Smith. 2,224,838; Dec. 10.
Manganese alloy. J. R. Long. 2,202,012; May 28.
Manganese alloys, Treatment of. C. T. Anderson. 2,221,624–5; Nov. 12.
Manganese and its alloys, Treatment of. R. S. Dean. 2,201,677; May 21.
Manganese ore, Treatment of. T. B. Albin. 2,191,819; Feb. 27.
Manganese, Purification of. C. T. Anderson. 2,221,622; Nov. 12.
Manganese, Treatment of. C. T. Anderson. 2,221,623; Nov. 12.
Manganese, Treatment of. C. T. Anderson. 2,221,626; Nov. 12.
Mange, remedy. W. H. Tisdale and A. L. Flenner. 2,206,520; July 2.
Manhole cover. M. Swensen and F. Patterson. 2,188,123; Jan. 23.
Manicure device. M. Bader, Jr. 2,192,733; Mar. 5.
Manifold, Exhaust. A. L. Berger. 2,217,664; Oct. 15.
Manifold for internal combustion engines, Exhaust. M. Tendler. 2,217,241; Oct. 8.
Manifold for internal combustion engines, Intake. J. A. H. Barkeij. 2,199,276; Apr. 30.
Manifold form. R. J. O'Brien. 2,226,574; Dec. 31.
Manifold form set. H. F. Wolfanger. 2,187,925; Jan. 23.
Manifold forms in registration, Maintaining. J. B. Fulk. 2,188,347; Jan. 30.
Manifold heat control apparatus. L. N. Murphy. 2,226,011; Dec. 24.
Manifold, Intake. J. Weir. 2,199,059; Apr. 30.
Manifold set. H. S. Jones. 2,226,722; Dec. 31.
Manifold transfer device. G. U. Lacroix. 2,185,815; Jan. 2.
Manifold unit and producing the same. G. F. Brisendine. 2,185,721; Jan. 2.
Manifold valve. J. S. Abercrombie and H. Allen. 2,194,264; Mar. 19.
Manifold valve, Split housing. H. Allen and M. T. Works. 2,194,262; Mar. 19.
Manifold valve, Vertically split housing. H. Allen and M. T. Works. 2,194,263; Mar. 19.
Manifolding. L. C. Antrim. 2,213,645; Sept. 3.
Manifolding. C. W. Brenn. 2,212,174; Aug. 20.
Manifolding. C. W. Brenn. 2,213,157; Aug. 27.
Manifolding. C. Heim. 2,209,521; July 30.
Manifolding. A. A. Johnson. 2,199,359; Apr. 30.
Manifolding. C. W. Potter. 2,208,341; July 16.
Manifolding and sheet aligning apparatus. W. R. Howe. 2,219,389; Oct. 29.
Manifolding apparatus. W. W. Brown. 2,225,153; Dec. 17.

Manifolding article and method of making. M. C. Stern. 2,217,924; Oct. 15.
Manifolding assembly. E. B. Otis. 2,198,457; Apr. 23.
Manifolding assembly, Continuous web. E. B. Otis. 2,198,458; Apr. 23.
Manifolding attachment for typewriters. A. B. Cooke. 2,205,165; June 18.
Manifolding device. C. W. Brenn. 2,187,698; Jan. 16.
Manifolding device. A. A. Johnson. 2,190,923; Feb. 20.
Manifolding machine. W. G. Borchers. 2,209,898; July 30.
Manifolding machine. C. W. Brenn. 2,187,697; Jan. 16.
Manifolding machine. F. R. Ford. 2,221,634; Nov. 12.
Manifolding machine. E. M. McNabb. 2,198,580; Apr. 23.
Manifolding process and master sheet therefor. W. E. Swift, Jr. 2,209,586; July 30.
Manifolding register. C. W. Dawson, J. F. Smith, and A. W. Metzner. 2,219,299; Oct. 29.
Manikin. J. Chase. 2,213,270; Sept. 3.
Manikin. M. A. Norriss. 2,209,791; July 30.
Manikin, Ball projecting. E. J. Collins. 2,199,181; Apr. 30.
Manikin for bowling game. E. J. Collins. 2,195,446; Apr. 2.
Manometer for use with vacuum apparatus. A. Malicov. 2,203,574; June 4.
Mantle, Sanitary hair-catching. F. Ferry. 2,199,334; Apr. 30.
Manufacture, Method of. R. M. Critchfield. 2,192,434; Mar. 5.
Manufacture of materials resembling crepe. E. Hubert and H. Rein. 2,213,125; Aug. 27.
Manufactures from dolomitic materials. G. de Becze. 2,209,444; July 30.
Manufacturing electric discharge tubes. O. Baier. 2,212,556; Aug. 27.
Manure and controlling insect pests, Conditioning. D. A. Brodie. 2,197,885; Apr. 23.
Manure, Making synthetic. M. Leatherman. 2,218,695; Oct. 22.
Manure spreader. R. A. Johnson. 2,202,858; June 4.
Manuscript manipulating device for speakers. R. F. Smith. 2,188,210; Jan. 23.
Map. H. R. Jensen. 2,185,689; Jan. 2.
Map, Day and night. R. Hartmann and F. P. Ray. 2,199,311; Apr. 30.
Map device, Automobile. H. A. Jones. 2,221,451; Nov. 12.
Map holder. M. D. McCauley. 2,209,990; Aug. 6.
Map holding device. G. V. Erickson. 2,211,559; Aug. 13.
Map, Microscopic revolving. C. A. Marks. 2,187,947; Jan. 23.
Map roller attachment, Automobile visor. W. M. Owen and E. M. Dearman. 2,188,612; Jan. 30.
Maps from aerial photographs, Production of. A. E. Simpson. 2,208,435; July 16.
Maps, Making relief. J. E. C. de Victoria Pereira. 2,185,924; Jan. 2.
Maps, Making relief. B. V. Perera. 2,189,592; Feb. 6.
Marble shooter. W. Gadke. 2,195,838; Apr. 2.
Margarine and method of making. E. E. Werk and H. M. Zekind. 2,197,457; Apr. 16.
Margarine product and making same. A. K. Epstein, B. R. Harris, and M. C. Reynolds. 2,217,309; Oct. 8.
Margin bar for printing cylinders. H. A. W. Wood. 2,186,513; Jan. 9.
Marine propulsion assembly. K. H. MacKay. 2,216,496; Oct. 1.
Marine working platform substructure. C. L. Henry. 2,210,408; Aug. 6.
Marionette. S. Usinskis. 2,202,677; May 28.
Mark for frozen foods, Perishable. R. P. McNaught. 2,216,127; Oct. 1.
Mark, Identifying. W. F. Greenwald. 2,198,162; Apr. 23.
Marker and indicium, Traffic. J. N. Bensen. 2,196,890; Apr. 9.
Marker and securing the same to a highway, Highway. T. W. Stedman. 2,224,937; Dec. 17.
Marker, Book. C. L. Truesdale. 2,194,576; Mar. 26.
Marker for conveyers, Stop. M. Rosenthal. 2,223,463; Dec. 3.
Marker for filing systems. C. H. Tomkinson. 2,185,696; Jan. 2.
Marker for inclination recording apparatus, Angle. J. W. Culbertson. 2,189,560; Feb. 6.
Marker, Highway. H. G. Meigs. 2,217,125; Oct. 8.
Marker, Highway. T. W. Stedman. 2,224,554; Dec. 10.
Marker, Intersection. H. N. Turner. 2,222,127; Nov. 19.
Marker, Plant. E. I. Cross. 2,209,873; July 30.
Marker, Plant. B. and F. L. Smith. 2,207,180; July 9.
Marker, Playing field. L. E. Dishman. 2,186,407; Jan. 9.
Marker, Price. E. N. Ivey. 2,201,139; May 21.
Marker, Road. C. M. White, Jr. 2,185,488; Jan. 2.
Marker, Shaft. W. Leuchtenburg. 2,193,693; Mar. 12.
Marker, Skirt. M. Ingwer. 2,202,659–60; May 28.
Marker, Traffic. J. D. Beebe. 2,192,878; Mar. 12.
Marker, Tree. J. R. Schramm. 2,191,808; Feb. 7.
Marker, Umbrella. I. I. Hearing. 2,204,307; June 11.
Marking device. S. D. Barlow and P. Sussman. 2,211,312; Aug. 13.
Marking device. A. L. Lundquist. 2,225,523; Dec. 17.
Marking device. D. W. Smith. 2,192,417; Mar. 5.
Marking device. E. Stanziale. 2,196,145; Apr. 2.
Marking device. G. F. Wittman. 2,209,498; July 30.
Marking device for road surfaces. E. L. Gethin and G. D. Worthington. 2,225,496; Dec. 17.
Marking drill. M. Glassberg, B. Chester, and J. E. Honig. 2,227,254; Dec. 31.
Marking implement. F. A. Sturm. 2,204,778; June 18.
Marking machine. L. Andersen. 2,201,465; May 21.
Marking machine. F. K. Benton. 2,210,197; Aug. 6.
Marking machine. C. E. Edwards. 2,205,399; June 25.
Marking machine. C. A. Putnam, C. F. Robbins, and C. H. Cheeseman. 2,194,324; Mar. 19.
Marking mechanism for seed planters. W. G. Stevens, Jr. 2,199,421; May 7.
Marking method and apparatus. J. M. Bennett and V. D. Hauck. 2,192,860; Mar. 5.
Marking or setting out tool. W. Gardner. 2,221,088; Nov. 12.
Marking, squeegeeing, and developing machine. W. F. Huck. 2,213,443; Sept. 3.
Marshmallow cutter. J. H. Adams. 2,214,217; Sept. 10.
Mashes, Preparing fermentable. J. P. Ioannu. 2,223,520; Dec. 3.
Mask. E. W. Bullard. 2,199,690; May 7.
Mask and helmet, Gas. K. Smith. 2,222,635; Nov. 26.
Mask for color film, Integral. R. M. Evans. 2,203,653; June 4.
Mask, Respiratory. J. G. Mejean. 2,224,057; Dec. 3.
Masonry structures, Method of and means for repairing. B. J. Many. 2,187,324; Jan. 16.
Mass balling machine. E. W. Bridge. 2,214,521; Sept. 10.
Mass centering machine. T. C. Van Degrift. 2,219,795; Oct. 29.
Massage apparatus. H. W. Hapman. 2,226,609; Dec. 31.
Massage apparatus. D. Tweddle. 2,218,443; Oct. 15.
Massage device. L. Brichieri-Colombi, O. Zappulli, and L. Romanelli. 2,218,081; Oct. 15.
Massage device. S. D. Dunlap. 2,213,356; Sept. 3.
Massage device. H. E. Niemiec. 2,189,116; Feb. 6.
Massage device, Electric. L. H. Miller. 2,193,978; Mar. 19.
Massage device, Mechanical. G. W. Sheron. 2,209,852; July 30.
Massage implement. T. J. Reilly. 2,187,560; Jan. 16.
Massage roller. P. Avery. 2,213,482; Sept. 3.
Massage table. K. A. Rupp. 2,204,624; June 18.
Massaging apparatus. M. MacLevy. 2,217,343; Oct. 8.
Massaging device. S. Aoyagi. 2,203,976; June 11.
Massaging device. F. Lindberg. 2,186,114; Jan. 9.
Massaging device. J. W. Michaelson. 2,223,263; Nov. 26.
Massaging device. M. Morrison. 2,219,138; Oct. 22.
Massaging table. H. O. Petersen. 2,193,882; Mar. 19.
Masses from polyvinyl chloride, Manufacture of artificial. G. Wick. 2,196,803; Apr. 9.
Masses, Shaped elastic. M. Mueller-Cunradi and W. Daniel. 2,211,429; Aug. 13.
Mast for drilling oil wells and the like. D. Miller. 2,,219,110; Oct. 22.
Mast head. W. J. Edwards. 2,186,720; Jan. 9.
Mast, Portable derrick. W. B. Woody. 2,204,716; June 18.
Master instrument. H. Scherbak. 2,216,102; Sept. 24.
Master safety switch. R. E. Waltamath. 2,206,067; July 2.
Masticatory. F. A. Kertess. 2,203,436; June 4.
Mat. W. G. Grossman and H. F. Carpenter. 2,187,620; Jan. 16.
Mat, Absorbent floor. J. W. Biewen. 2,187,676; Jan. 16.
Mat and the like, Bath. F. A. Shiner. 2,217,821; Oct. 15.
Mat construction, Floor. J. H. McClelland. 2,202,636; May 28.
Mat, Floor. G. F. Gell. 2,194,653; Mar. 26.
Mat for bowling alleys, Pit. H. B. Scheidemantel and H. J. Luth. 2,205,802; June 25.
Mat for stoves, Protective. W. Chester. 2,196,624; Apr. 9.
Mat structure. A. S. Galkin. 2,225,107; Dec. 17.
Match. J. Simon, G. Foster, and A. J. Manxi. 2,209,237; July 23.
Match and producing same, Nonhygroscopic. A. B. Doran. 2,193,124; Mar. 12.
Match book. C. C. Baldwin. 2,217,854; Oct. 15.
Match book. J. Van Beck. 2,221,886; Nov. 19.
Match book cover. R. S. Berry. 2,199,610; May 7.
Match book machine. S. E. Rahe. 2,218,218; Oct. 15.
Match booking machine. W. C. Nicodemus. 2,198,086; Apr. 23.
Match booklet convertible into a toy. O. R. Eaton. 2,197,451; Apr. 16.
Match box and memorandum device, Combined. E. F. Howald. 2,218,039; Oct. 15.
Match container. H. W. Matalene. 2,191,350; Feb. 20.
Match container. F. J. Weisgerber. 2,205,737; June 25.
Match cover, Safety. J. A. and A. E. Santana. 2,192,053; Feb. 27.
Match holder. E. Hamblin. 2,216,492; Oct. 1.
Match ignition material, Applying. C. F. Wright. 2,191,149; Feb. 20.
Match ignition material to book matches, etc., Applying. C. F. Wright. 2,191,149; Feb. 20.
Match pack. L. B. Reuter. 2,227,399; Dec. 31.

Match package. C. E. Gray. 2,212,773; Aug. 27.
Match package, Safety. J. I. Schmitt. 2,205,698; June 25.
Match receptacle. L. L. Clark. 2,222,808; Nov. 26.
Material and its embodiment in articles of wearing apparel, Elastic. L. R. Thun. 2,223,665; Dec. 3.
Material and manufacturing same, Multicellular expanded. T. Sendzimir. 2,212,481; Aug. 20.
Material and method for removing coatings of nickel or the like from a metal base. E. F. Burdick. 2,200,486; May 14.
Material and moisture-proofing composition, Moisture-proof sheet. J. A. Mitchell. 2,216,826; Oct. 8.
Material and process for obtaining metal printing plates with silver halide emulsions. C. E. Meulendyke. 2,215,128; Sept. 17.
Material and structure for electrical purposes, Layered magnetizable. E. E. Mayer and P. Schwarzkop. 2,221,983; Nov. 19.
Material, Art of winding flexible. R. M. Johnstone. 2,200,000; May 7.
Material, Box toe. H. B. Morse and W. S. Cornell. 2,203,597; June 4.
Material, Building covering. L. H. Mattes. 2,205,798; June 25.
Material, Classification of mixed divided. T. L. Wilson. 2,220,985; Nov. 12.
Material classifier. J. H. V. Finney. 2,189,418–19; Feb. 6.
Material, Composite. H. F. Robertson. 2,185,356; Jan. 2.
Material, Condensing sublimed. W. C. McGavock. 2,214,838; Sept. 17.
Material, Constructional. A. C. Fischer. 2,204,533; June 11.
Material containing tungsten, Magnetic metallic. G. H. S. Price. 2,206,537; July 2.
Material containing zinc in shaft furnaces, Reducing. H. Klein. 2,186,645; Jan. 9.
Material crease-resistant and products obtained thereby, Rendering cellulose-containing. G. Heberlein, Jr., E. Weiss and H. Hemmi. 2,205,120; June 18.
Material, Cutting and joining sheet. R. L. and R. W. Penn and N. H. Nye. 2,185,647; Jan. 2.
Material depositing bag. L. A. Jolidon. 2,207,013; July 9.
Material, Depositing fluorescent. B. C. Gardner. 2,221,474; Nov. 12.
Material, Deposition of. H. A. Wintermute. 2,221,338; Nov. 12.
Material dispensing apparatus, Loose. J. M. Talkington. 2,191,241; Feb. 20.
Material distribution system. W. H. Hewitt. 2,192,575; Mar. 5.
Material distributor. E. L. Masters. 2,193,253; Mar. 12.
Material, Drying of layers or sheets of. A. Mellor and W. Pool. 2,189,915; Feb. 13.
Material-feeding apparatus and method. W. H. Venable. 2,205,324; June 18.
Material folding and applying machine, Covering. W. T. Maguire. 2,195,959; Apr. 2.
Material for casting dentures, Shaped. H. A. Heiligman. 2,206,502; July 2.
Material for classifying, Preparing. T. C. Andrews. 2,213,184; Sept. 3.
Material for color photography and making the same, Multilayer. B. Gáspár. 2,219,987; Oct. 29.
Material for friction elements or the like, Composition. R. E. Spokes. 2,211,354; Aug. 13.
Material for masking in color correction. B. H. Carroll and C. J. Staud. 2,218,229; Oct. 15.
Material for modeling sculpture work. F. F. Engel. 2,214,126; Sept. 10.
Material for preserving wood, Impregnating. A. Gordon. 2,194,827; Mar. 26.
Material for therapeutic purposes capable of swelling in water, and preparing same. K. Jungmann. 2,205,886; June 25.
Material for treatment of hydrocarbons. E. F. Quirke. 2,211,987; Aug. 20.
Material free from hydrogen sulphide generating organisms, Gas purifying. G. E. Seil. 2,213,615; Sept. 3.
Material from polyvinyl compounds, Manufacturing artificial. H. Müller. 2,198,970; Apr. 30.
Material, Frozen. R. H. Bedford. 2,214,398; Sept. 10.
Material fusing and projecting apparatus. A. D. Snyder and A. F. Maier. 2,196,647; Apr. 9.
Material gathering and loading machine. F. Cartlidge. 2,201,334; May 21.
Material grading or sizing machine. A. E. Vosler. 2,212,676; Aug. 27.
Material handling apparatus. V. L. Johannessen. 2,221,543; Nov. 12.
Material handling apparatus. F. V. Johnson and L. V. Mosher. 2,224,913; Dec. 17.
Material handling apparatus. D. W. Kent and F. Van Doorninck: 2,207,987; July 16.
Material handling apparatus. H. H. Merwin and E. W. Reynolds. 2,214,340; Sept. 10.
Material handling apparatus. L. V. Mosher. 2,225,076; Dec. 17.
Material handling apparatus. W. G. Wehr. 2,205,550; June 25.
Material handling device. R. W. Kaltenbach. 2,216,742; Oct. 8.
Material handling device. H. G. Lykken. 2,222,437; Nov. 19.
Material handling device. S. J. Morrissey. 2,210,093; Aug. 6.
Material handling device. C. E. Van Syckle. 2,215,844; Sept. 24.
Material handling mechanism. N. D. Levin. 2,188,790; Jan. 30.
Material handling mechanism. K. A. Lindner and B. Di Santo. 2,202,702; May 28.
Material handling mechanism. E. J. Woltz. 2,205,004; June 18.
Material having crystalline effects, Sheet. J. H. Brown. 2,188,386–7; Jan. 30.
Material into a mold, Injecting thermoplastic. J. B. Tegarty. 2,199,144; Apr. 30.
Material, Laminated. A. Hershberger. 2,192,708; Mar. 5.
Material, Laminated or reinforced. W. H. Moss. 2,211,071; Aug. 13.
Material, Laminated sheet. L. T. Sibley. 2,189,409; Feb. 6.
Material, Light-sensitive. G. von Poser, M. P. Schmidt, and G. Werner. 2,197,456; Apr. 16.
Material, Light-sensitive multilayer. P. Goldfinger. 2,217,899; Oct. 15.
Material loading apparatus. R. C. Osgood. 2,201,671–2; May 21.
Material, Making creped pressure-sensitive adhesive. P. F. Ziegler and K. C. Hoeglund. 2,214,006; Sept. 10.
Material, Making decorative. A. F. Caprio and H. E. Smith. 2,205,466; June 25.
Material manufacture, Porous. W. O. Lytle. 2,215,223; Sept. 17.
Material, Method and device for treating a molten metallic. E. A. A. Grönwall. 2,227,255; Dec. 31.
Material, Method of and apparatus for feeding web. D. E. Maxfield. 2,199,708; May 7.
Material mixing device, Plastic. A. L. Stone. 2,213,640; Sept. 3.
Material mixing machine. A. L. Miller. 2,200,757; May 14.
Material mixing machine, Road. C. W. Wood. 2,209,710; July 30.
Material moving apparatus. J. F. Joy. 2,205,013; June 18.
Material, Nonabsorptive. P. W. Codwise. 2,219,381; Oct. 29.
Material, Noncarbonizing arc resistant. E. F. Seaman. 2,188,317; Jan. 30.
Material of alkaloid pectates, Insecticidal. W. E. Baier. 2,207,694; July 9.
Material, Oilproof. E. C. Hughes. 2,199,224; Apr. 30.
Material, particularly upon a nonconductive base, Measurement of electrically conductive. N. Langer. 2,217,843; Oct. 15.
Material processing method and apparatus. A. C. Routh. 2,211,387; Aug. 13.
Material, Recovery of spilled. H. E. Imes. 2,224,392; Dec. 10.
Material recovery process, Coating. S. G. Saunders and H. Morrison. 2,208,646–7; July 23.
Material separating machine, Granular. H. Erdmann. 2,200,472; May 14.
Material separator. J. Embusk. 2,204,478; June 11.
Material separator. W. Stoner. 2,210,103; Aug. 6.
Material separator. W. Stoner. 2,222,861; Nov. 26.
Material, Sizing and grooving composite strip. J. M. Hildabolt. 2,225,269; Dec. 17.
Material, Slitting flexible. R. M. Johnstone. 2,205,564; June 25.
Material, Splitting sheet. C. E. Johnson. 2,217,753; Oct. 15.
Material spreader. H. L. Roach. 2,221,266; Nov. 12.
Material spreading machine. F. E. Currivan and C. W. Brown. 2,187,448; Jan. 16.
Material, Surface covering. N. P. Harshberger and S. A. Ochs. 2,191,465; Feb. 27.
Material testing apparatus, Hydraulic. H. J. Ruch. 2,194,914; Mar. 26.
Material, Transit treating of. O. W. Randolph. 2,205,175; June 18.
Material treating apparatus. C. H. Bell. 2,189,414–15; Feb. 6.
Material, Treatment of waste. A. W. Lissauer. 2,187,501; Jan. 16.
Material working apparatus. M. J. Seagren. 2,189,086; Feb. 6.
Material working apparatus and control therefor. E. J. Svenson. 2,215,257; Sept. 17.
Material working machine. K. A. Weston. 2,211,186; Aug. 13.
Materials and articles, Making stretchable. W. W. Rowe. 2,213,290; Sept. 3.
Materials and composition therefor, Softening of textile. S. Lenher and L. B. Arnold, Jr. 2,205,042; June 18.
Materials and products therefrom, Producing water-repellent cellulose-containing. W. Kaase and E. Waltmann. 2,207,740; July 16.
Materials, Apparatus for testing. E. A. Mahannah and H. P. Bailey. 2,189,589; Feb. 6.
Materials, Coated fibrous sheet. W. H. Alton. 2,213,643; Sept. 3.
Materials, Coating and coloration of granulated. N. P. Harshberger. 2,202,002; May 28.

Materials containing organic substances of animal or vegetable origin by mesophile or thermophile anaerobic conversion, Treating waste. K. Petersen. 2,198,737; Apr. 30.
Materials containing phosphatides from vegetable oils, Removing. B. H. Thurman. 2,206,210; July 2.
Materials derived from coal, Purification of liquid or liquefiable. H. Dreyfus. 2,221,866; Nov. 19.
Materials, Drying. M. L. Miller. 2,223,117; Nov. 26.
Materials, Flotation of. F. P. Lasseter. 2,226,170; Dec. 24.
Materials for purification of gases, Manufacturing. F. A. Sullivan. 2,202,174; May 28.
Materials, Forming. R. G. Reynoldson. 2,196,080; Apr. 2.
Materials from a liquid suspension, Method and apparatus for separating solid. J. G. Attwood. 2,193,706; Mar. 12.
Materials from solution, Precipitation of. H. E. Lee and B. R. Muir. 2,204,898; June 18.
Materials from their mixtures, Concentration of comminuted. W. Trotter and E. W. Wilkinson. 2,205,503; June 25.
Materials, Frozen. R. H. Bedford. 2,194,684; Mar. 26.
Materials, Grinding, pulverizing, and the like treatment of. G. and W. Clark. 2,219,720; Oct. 29.
Materials, Heat insulating. W. F. Astley. 2,193,546; Mar. 12.
Materials in centrifugals, Process and apparatus for treating. J. P. McGlaughlin. 2,186,836; Jan. 9.
Materials, Laminating. W. B. Wescott. 2,224,370; Dec. 10.
Materials, Making composite. F. Groff. 2,219,447; Oct. 29.
Materials, Manufacture of artificial. H. Dreyfus. 2,210,116; Aug. 6.
Materials, Manufacture of artificial. W. H. Moss. 2,223,527; Dec. 3.
Materials, Manufacture of artificial. G. Wick. 2,191,056; Feb. 20.
Materials, Manufacture of colored artificial. P. F. C. Sowter and R. Betteridge. 2,216,793; Oct. 8.
Materials, Manufacture of granular coated. J. A. Williamson. 2,201,196; May 21.
Materials, Method and apparatus for digesting cellulosic. A. D. Merrill. 2,200,034; May 7.
Materials, Method and machine for separating. J. R. Pellam. 2,220,540; Nov. 5.
Materials, Method of and apparatus for separating, washing, and grading lump. H. A. Holzer. 2,196,451; Apr. 9.
Materials, Molding of sheet. W. V. Hutchinson. 2,189,006; Feb. 6.
Materials, Mothproofing. D. H. Jones. 2,214,962; Sept. 17.
Materials of different specific gravities, Separation of. M. A. Walker. 2,220,925; Nov. 12.
Materials of different specific gravities, Separation of solid. A. Pearson. 2,191,805; Feb. 27.
Materials of keratin composition, Protecting. H. Humfeld, J. H. Kettering, and R. E. Elmquist. 2,204,360; June 11.
Materials of natural or artificial origin, Treatment of. R. W. Moncrieff. 2,189,918; Feb. 13.
Materials onto spools, bobbins, or the like, Winding flexible. L. C. Bannister and W. J. Clements. 2,206,246; July 2.
Materials, Polymeric. W. H. Carothers. 2,214,402; Sept. 10.
Materials, Preparation of synthetic rubberlike. H. Wollthan and W. Becker. 2,222,967; Nov. 26.
Materials, Printing cellulosic textile. D. P. Milburn. 2,217,805; Oct. 15.
Materials, Process and apparatus for perforating sheet. J. Page. 2,220,270; Nov. 5.
Materials, Process and apparatus for treating pyrite-containing. K. A. Spencer. 2,223,468; Dec. 3.
Materials, Process and composition for coloring aggregate. T. F. Groll, Jr., and G. H. Small. 2,222,945; Nov. 26.
Materials, Process of and apparatus for heating. B. H. McQueer. 2,200,930; May 14.
Materials, Processing of. B. D. Miller. 2,219,656; Oct. 29.
Materials, Production of pile surface. H. A. Wintermute. 2,218,445; Oct. 15.
Materials, Protection of autoxidizable. F. W. Nitardy. 2,206,113; July 2.
Materials, Recovery of plastic. H. L. Cox and J. D. Matlack. 2,202,481; May 28.
Materials, Rotproofing and waterproofing of. W. J. Carter. 2,186,750; Jan. 9.
Materials, Saponifying textile. P. Schlack. 2,208,857; July 23.
Materials, Separating fragmentary. V. Rakowsky and R. W. Arms. 2,190,637; Feb. 13.
Materials, Separating fragmentary. V. Rakowsky, R. W. Arms, and G. J. Holt. 2,203,601; June 4.
Materials, Separation of. J. M. Coahran. 2,197,069; Apr. 16.
Materials testing machine. R. W. Dinzl. 2,187,345; Jan. 16.
Materials testing machine. A. H. Emery and H. J. Ruch. 2,193,673; Mar. 12.
Materials to make them resistant to mildew, Treatment of fibrous. F. T. Metcalf. 2,186,739; Jan. 9.
Materials, Toasting discrete. E. O. Engels. 2,219,329; Oct. 29.
Materials, Treating protein containing. O. Scalise. 2,223,387; Dec. 3.
Materials, Treating textile making. R. Kapp and K. T. Steik. 2,195,131; Mar. 26.
Materials, Treating tin containing. F. Carlsson and F. Trostler. 2,219,411; Oct. 29.
Materials, Welding thermoplastic. R. C. Reinhardt. 2,220,545; Nov. 5.
Materials with chlorine, Treating. L. G. Jenness. 2,226,471; Dec. 24.
Materials with neutrons, Investigation of. H. Kallmann and E. Kuhn. 2,188,115; Jan. 23.
Mathematical instrument. G. J. Dashefsky. 2,203,674; June 11.
Mathematical instrument. F. L. Graham. 2,216,172; Oct. 1.
Matrices in duplicators, Fastening. L. Kampczyk. 2,204,935; June 18.
Matrices, Making. H. T. Nekton. 2,204,905; June 18.
Matrices, Method and apparatus for producing stereoscope. C. Fritschi. 2,210,578; Aug. 6.
Matrix. O. R. Brandenburg. 2,187,260; Jan. 16.
Matrix assembler for typographical machines. C. E. Cook. 2,200,022; May 7.
Matrix blank. C. E. Hensley. 2,211,601; Aug. 13.
Matrix, Dental. W. A. Dvorak. 2,196,896; Apr. 9.
Matrix for electroforming foraminous sheets. E. O. Norris. 2,226,382; Dec. 24.
Matrix instrument, Dental. A. E. Hanssen. 2,220,103; Nov. 5.
Matrix, Making a. O. B. Crowell. 2,218,351; Oct. 15.
Matrix, Phonograph record pressing. J. H. Hunter. 2,193,099; Mar. 12.
Matrix setting and type-line-casting machine. K. Bendorff. 2,189,097; Feb. 6.
Matrix setting and type-line-casting machine. K. Bendorff. 2,209,556; July 30.
Matrix-setting and type-line-casting machine. K. Bendorff, O. Bieber, and K. Dahnert. 2,189,098; Feb. 6.
Matrix setting and type-line-casting machine. O. Bieber. 2,202,942; June 4.
Matrix slide block for typographical machines. H. R. Freund. 2,196,148; Apr. 2.
Matrix, Type-casting. H. Brandenburg. 2,211,092; Aug. 13.
Mats, Manufacture of vehicle floor. W. E. England. 2,188,342; Jan. 30.
Matter from gases, Method and apparatus for removing suspended. T. T. Brown. 2,207,576; July 9.
Matter in a liquid vehicle, Weighing. A. L. Cooper. 2,197,204; Apr. 16.
Matter, Method and apparatus for the treatment of. G. A. Rubissow. 2,222,266; Nov. 19.
Mattress. P. C. Bednarek. 2,223,594; Dec. 3.
Mattress. W. W. Hoagland. 2,191,889; Feb. 27.
Mattress. F. M. Hutchinson. Re. 21,580; Sept. 24.
Mattress. F. M. Hutchinson. 2,207,095; July 9.
Mattress. J. R. Johnson. 2,224,301; Dec. 10.
Mattress. A. J. Kay. 2,217,955; Oct. 15.
Mattress. M. Marsack. 2,192,234; Mar. 5.
Mattress. M. Marsack. 2,204,863; June 18.
Mattress. J. Martin. 2,216,537; Oct. 1.
Mattress. T. N. Patton. 2,218,478; Oct. 15.
Mattress. J. P. Riley. 2,200,011; May 7.
Mattress. S. D. Trovillo. 2,216,991; Oct. 8.
Mattress and box spring border machine, Prebuilt. G. A. Boettcher. 2,218,785; Oct. 22.
Mattress and manufacturing same. T. Foster. 2,215,784; Sept. 24.
Mattress and manufacturing the same. J. R. Johnson. 2,224,300; Dec. 10.
Mattress and upholstering pad. I. J. Rumpf. 2,194,569; Mar. 26.
Mattress construction. W. G. Schubert. 2,193,410; Mar. 12.
Mattress filling machine. J. C. Adams. 2,211,360; Aug. 13.
Mattress protector. E. C. Clarke. 2,214,074; Sept. 10.
Mattress, Rubber. N. D. Mattison. 2,192,601; Mar. 5.
Mattress, Sectional spring. J. Eichthaler. 2,203,950; June 11.
Mattress structure. E. J. Wolf. 2,208,826; July 23.
Mattress support, Detachable. N. M. Twomey. 2,198,982; Apr. 30.
Mattress supporting structure. F. O. Church. 2,225,858; Dec. 24.
Mattresses, Apparatus for sewing. M. Goldberg. 2,185,251; Jan. 2.
Maturity testing device. L. M. Billman and A. E. De Groot. 2,209,020; July 23.
Maximum demand indicator. E. Whitby and L. B. S. Golds. 2,190,497; Feb. 13.
Meal by fermentation, Treatment of soy bean. F. G. Rawling. 2,190,644; Feb. 20.
Measure, Line guide copyholder. C. Woody. 2,214,395; Sept. 10.
Measure, Steel band. P. H. Kreutz. 2,185,443; Jan. 2.
Measurement of acoustical properties of materials. W. D. Mounce. 2,200,476; May 14.
Measurement of phase change and envelope delay of a transmission line. E. I. Green and N. Monk. 2,214,130; Sept. 10.

Measurements at ultra high frequencies, Method and apparatus for making. R. W. George. 2,191,277; Feb. 20.
Measuring and control apparatus. T. R. Harrison. 2,193,095; Mar. 12.
Measuring and control apparatus. T. R. Harrison. 2,215,218; Sept. 17.
Measuring and control apparatus. T. R. Harrison. 2,216,472; Oct. 1.
Measuring and control apparatus. H. F. Parker and J. G. Aceves. 2,218,477; Oct. 15.
Measuring and control apparatus. F. W. Side. 2,191,997; Feb. 27.
Measuring and control apparatus. W. P. Wills. 2,192,022; Feb. 27.
Measuring and control apparatus. W. P. Wills. 2,209,369; July 30.
Measuring and control apparatus. W. P. Wills. 2,215,805; Sept. 24.
Measuring and control device. C. B. Moore. 2,208,223; July 16.
Measuring and control instrument. T. R. Harrison. 2,216,687; Oct. 1.
Measuring and control system. P. S. Dickey. 2,200,471; May 14.
Measuring and controlling apparatus. J. F. Luhrs. 2,217,638; Oct. 8.
Measuring and dispensing device. G. C. Brown. 2,207,395; July 9.
Measuring and dispensing device. S. Kreisberg. 2,220,605; Nov. 5.
Measuring and integrating device. E. S. Jefferies. 2,185,767; Jan. 2.
Measuring and mixing valve. V. J. Philipps. 2,216,890; Oct. 8.
Measuring and recording instrument. W. S. Macdonald and W. W. Frymoyer. 2,205,299; June 18.
Measuring and recording instrument. F. Moore. 2,190,912; Feb. 20.
Measuring and testing instrument for oxygen breathing apparatus. F. Hollmann. 2,203,147; June 4.
Measuring apparatus. C. Johnson. 2,203,789–90; June 11.
Measuring apparatus. T. R. Harrison. 2,219,775; Oct. 29.
Measuring apparatus. S. T. Lester. 2,207,625; July 9.
Measuring apparatus. J. F. Luhrs. 2,217,642; Oct. 8.
Measuring apparatus. C. B. Moore. 2,189,289; Feb. 6.
Measuring apparatus. H. E. Weaver. 2,207,423; July 9.
Measuring apparatus. W. E. White. 2,220,563; Nov. 5.
Measuring apparatus. R. E. Woolley. 2,199,769; May 7.
Measuring device. U. S. Berger. 2,216,730; Oct. 8.
Measuring device. L. Dritz. 2,190,597; Feb. 13.
Measuring device. L. W. Goddu. 2,226,428; Dec. 24.
Measuring device. H. M. Jones. 2,221,482; Nov. 12.
Measuring device. N. Lee. 2,221,978; Nov. 19.
Measuring device. J. Reiner. 2,201,546; May 21.
Measuring device for helical gears. M. M. Matchett. 2,195,820; Apr. 2.
Measuring device for lubricating systems. P. P. Teal. 2,205,320; June 18.
Measuring device to determine the symmetrical size of extremities. F. E. Mason. 2,205,626; June 25.
Measuring eccentricity in tubular conductors, Method and apparatus for. R. W. Atkinson. 2,200,827; May 14.
Measuring gauge. F. W. M. Lee. 2,199,052; Apr. 30.
Measuring instrument. W. F. Aller. 2,216,795–6; Oct. 8.
Measuring instrument. H. Baer and M. J. Finnegan. 2,203,766; June 11.
Measuring instrument. J. E. Campen. 2,217,859; Oct. 15.
Measuring instrument. R. O. Diedrich. 2,188,201; Jan. 23.
Measuring instrument. E. Freystedt. 2,188,628; Jan. 30.
Measuring instrument. A. Guinez. 2,189,245; Feb. 6.
Measuring instrument. W. A. Kelsey. 2,225,500; Dec. 17.
Measuring instrument. C. B. Moore and W. G. Trumbower. 2,211,148; Aug. 13.
Measuring instrument. W. H. Pearce. 2,200,805.
Measuring instrument. H. G. Smith. 2,195,040; Mar. 26.
Measuring instrument. G. D. Webber. 2,190,961; Feb. 20.
Measuring instrument. G. D. Webber. 2,224,281; Dec. 10.
Measuring instrument. W. B. Wendel. 2,223,143; Nov. 26.
Measuring instrument. A. G. Wilson and W. Kesemann. 2,217,088; Oct. 8.
Measuring or surveying instrument. H. Gruber. 2,223,683; Dec. 3.
Measuring record, Child's. S. M. Davis. 2,197,031; Apr. 16.
Measuring system. W. B. Bohannon. 2,200,819; May 14.
Measuring system. J. F. Luhrs. 2,217,639; Oct. 8.
Measuring system. J. B. Sherman. 2,203,750; June 11.
Measuring system. J. B. Sherman. 2,215,197; Sept. 17.
Measuring system. A. W. Vance. 2,190,743; Feb. 20.
Meat and apparatus therefor, Cooking. F. B. Fink. 2,191,275; Feb. 20.
Meat chopping machine. S. Gronich. 2,222,614; Nov. 26.
Meat cuts, Supporting wrapped. G. E. Gott. 2,203,375; May 28.
Meat cutting machine. B. Mahlke. 2,210,765; Aug. 6.
Meat keeper. G. E. Hanner. 2,202,808; May 28.
Meat, Leaching. W. W. Bowers. 2,203,454; June 4.
Meat molding and processing device. S. F. Gleason. 2,192,225; Mar. 5.
Meat molding device. C. T. Lenzke. 2,194,948; Mar. 26.
Meat molding device. C. T. Lenzke. 2,212,901; Aug. 20.
Meat, Process for canning. S. L. Komarik. 2,224,398; Dec. 10.
Meat products, Mechanism for processing. F. H. Louisot and C. J. Muller. 2,209,824; July 30.
Meat products, Preparation of. H. H. Yerk. 2,203,318; June 4.
Meat-slitting machine. J. P. Spang. 2,191,732; Feb. 27.
Meat-slitting machine. J. P. Spang. 2,202,273; May 28.
Meat-slitting machine. J. P. Spang. 2,216,216; Oct. 1.
Meat-slitting machine. J. P. Spang. 2,223,466–7; Dec. 3.
Meat, Smoking. H. F. Lewis. 2,217,282; Oct. 8.
Meat table. C. Goodlake. 2,187,312; Jan. 16.
Meat tenderer. C. E. Lundblad. 2,189,957; Feb. 13.
Meat, Tendering. L. B. Jensen. 2,221,689; Nov. 12.
Meat tendering apparatus. J. Moldawsky. 2,217,763; Oct. 15.
Meat-tendering appliance. W. J. F. Boettcher. 2,213,897; Sept. 3.
Meat-tendering machine. T. M. Coffelt. 2,222,477; Nov. 19.
Meats and fish and other foods, Treatment of fatty. S. Musher. 2,198,209; Apr. 23.
Meats, Cooking. K. E. Bemis. 2,199,584; May 7.
Mechanical and electrical coupling. H. Bright. 2,220,810; Nov. 5.
Mechanical clamp. W. C. Barnes and H. W. Keevil. 2,190,143; Feb. 13.
Mechanical clearance regulator. O. M. Burkhardt. 2,200,152; May 7.
Mechanical clearance regulator. O. M. Burkhardt. 2,222,138; Nov. 19.
Mechanical coupling, Torque transmitting. S. S. Cook and L. M. Douglas. 2,197,070; Apr. 16.
Mechanical device. E. W. Handley and W. Segerstrom. 2,223,284; Nov. 26.
Mechanical display device. P. E. Jolly. 2,206,095; July 2.
Mechanical fabric. G. A. Neville. 2,209,205; July 23.
Mechanical filter. R. Hellmann, O. Heymann, and F. Tuczek. 2,194,165; Mar. 19.
Mechanical load brake. A. J. Brown. 2,202,137; May 28.
Mechanical motion. E. E. Franz. 2,224,905; Dec. 17.
Mechanical movement. P. E. Barker. 2,212,872; Aug. 27.
Mechanical movement. G. E. Barnhart. 2,201,977; May 28.
Mechanical movement. A. Cory. 2,213,978; Sept. 10.
Mechanical movement. F. Falkenhagen. 2,223,848; Dec. 3.
Mechanical movement. T. W. Kaestner. 2,194,503; Mar. 26.
Mechanical movement. A. A. Lane. 2,187,659; Jan. 16.
Mechanical movement. H. Schlachter. 2,191,865; Feb. 27.
Mechanical movement. W. S. Taylor, Jr. 2,216,990; Oct. 8.
Mechanical movement for chenille, embroidery, and other machines. K. Meier. 2,199,805; May 7.
Mechanical snare trap. E. P. Draggoo. 2,224,474; Dec. 10.
Mechanism. E. S. Hall. 2,216,343; Oct. 1.
Mechanism control. C. S. McCarthy. 2,189,268; Feb. 6.
Mechanism control. C. S. McCarthy. 2,205,987; June 25.
Mechanism control. S. A. Snell. 2,197,903; Apr. 23.
Mechanism control. S. A. Snell. 2,210,100; Aug. 6.
Mechanism, Enclosed. A. Langsner. 2,192,138; Feb. 27.
Mechanism for assembling match packets and the like. R. H. Gill. 2,222,026; Nov. 19.
Mechanism for control of breech bolt return and release of hammer for semiautomatic firearms. N. L. Brewer. 2,223,093; Nov. 26.
Mechanism for converting rotary in reciprocatory motions and vice versa, Balanced. A. F. Moyer. 2,190,161; Feb. 13.
Mechanism for converting rotary motion to reciprocatory motion. F. Toop. 2,220,872; Nov. 5.
Mechanism for drawing textile slivers or rovings. J. F. Jackson. 2,193,196; Mar. 12.
Mechanism for eliminating backlash. F. Eisele. 2,224,257; Dec. 10.
Mechanism for fashioning knitted fabrics. J. Held. 2,198,559; Apr. 23.
Mechanism for feeding blanks. D. Belcher, B. R. Stetson, and H. V. Kindseth. 2,220,073; Nov. 5.
Mechanism for handling material. Z. C. Brandon. 2,216,383; Oct. 1.
Mechanism for holding and controlling the feeding and coiled material. R. W. Glasner. 2,207,663; July 9.
Mechanism for imparting a gyratory movement to screens. R. Stroud. 2,192,420; Mar. 5.

Mechanism for improving the dirigibity of ships, submarines, and aircraft. H. C. Briggs. 2,214,656; Sept. 10.
Mechanism for limiting the calling posibilities of a telephone apparatus. F. Marti. 2,216,850; Oct. 8.
Mechanism for lubricating worm gears. H. Pelphrey. 2,186,269; Jan. 9.
Mechanism for machine finished matching of edge jointing lumber for stock of nonuniform width. F. A. Nichlson and W. T. Pritchard. 2,204,439; June 11.
Mechanism for making irregular yarn. F. H. Bussiere. 2,189,938; Feb. 13.
Mechanism for manufacture of tubular paper structures. D. C. Spaulding, Jr. 2,194,435; Mar. 19.
Mechanism for photographically recording voting machine indications. E. S. Hineline. 2,203,906; June 11.
Mechanism for pins, brooches, etc., Moving. J. Fernandez. 2,190,778; Feb. 20.
Mechanism for producing a combined rotary and reciprocating movement. W. Pool. 2,226,137; Dec. 24.
Mechanism for registering the operations of ticket issuing machines. A. W. Pride. 2,196,608; Apr. 9.
Mechanism for reproducing recorded sounds in toys. P. Strauss. 2,212,623; Aug. 27.
Mechanism for sealing containers. C. Z. Monroe. 2,212,449; Aug. 20.
Mechanism for supplying fastenings. E. Moore. 2,204,689; June 18.
Mechanism for the interconversion of reciprocation and rotation. E. S. Hall. 2,205,953; June 25.
Mechanism for use in the manufacture of artificial silk. P. P. Kriek. 2,207,866; July 16.
Medallion and fastener. H. H. Wixon. 2,224,756; Dec. 10.
Media, process for the representation of figures, designs, drawing, etc., thereon and making said media. M. D. McIntosh. 2,224,654; Dec. 10.
Medical appliance, Electric. G. Thornton-Norris. 2,193,702; Mar. 12.
Medical tablet container. B. F. Conner. 2,194,009; Mar. 19.
Medicament dispenser. R. Lewis. 2,195,675; Apr. 2.
Medicament spraying means. C. S. Beardsley. 2,195,554; Apr. 2.
Medicaments, Preparation of. G. D. Hiatt. 2,221,139; Nov. 12.
Medication appliance. M. E. Demsey. 2,209,192; July 23.
Medicinal agent. G. A. Alles. 2,185,824; Jan. 2.
Medicinal agent. F. P. Nabenhauer. 2,185,220; Jan. 2.
Medicinal preparation. B. H. Thurman. 2,201,062; May 14.
Medium, Controlling the condition of a. C. H. Stevenson. 2,193,846; Mar. 19.
Megaphone, Electroacoustic. A. Warmbier. 2,218,389; Oct. 15.
Melamine and its deamination products, Manufacture of. L. J. Christmann and G. H. Foster. 2,203,860; June 11.
Melamine, Production of. J. T. Thurston. 2,222,333; Nov. 26.
Melted matters, Treating. G. A. Rubissow. 2,208,230; July 16.
Melting apparatus. E. W. Clark. 2,191,337; Feb. 20.
Melting furnace. P. L. Bowser, Jr. 2,204,173; June 11.
Melting furnace. W. R. Hones. 2,196,864; Apr. 9.
Melting tank. J. W. Taylor. 2,218,366; Oct. 15.
Membrane, High pressure. A. Brendlin. 2,203,859; June 11.
Memo paper holder. W. H. Burtis. 2,211,492; Aug. 13.
Memorandum device. H. M. Burt. 2,189,625; Feb. 6.
Memorandum device combined with means for mounting lamellar articles. M. Dirschl. 2,204,794; June 18.
Memorandum holder. S. M. Radzyner. 2,223,225; Nov. 26.
Memorandum pad assembly. H. S. Weingott and A. Kingaby. 2,225,025; Dec. 17.
Memorandum pad holder. J. D. Robilotto. 2,201,789; May 21.
Memorandum pad, Telephone. R. B. Moody and E. M. Bridges. 2,195,677; Apr. 2.
Memorial tablet mounting. R. C. Hopkins. 2,207,012; July 9.
Memory aid system. F. H. Steen. 2,222,245; Nov. 19.
Menstruums, Purifying absorbent. W. A. Stover. 2,196,878; Apr. 9.
Mensuration device. H. Spitzer. 2,208,707; July 23.
Menu course selector. S. W. H. Turner. 2,188,744; Jan. 30.
Mercaptans from hydrocarbon distillates, Removal of. D. L. Yabroff and E. R. White. 2,202,039; May 28.
Mercaptans, Recovery of. W. A. Craig and P. C. Rich. 2,222,170; Nov. 19.
Mercapto benzothiazoles, Preparing cyclohexyl- and benzylamino. M. W. Harman. 2,191,657; Feb. 27.
Mercaptothiazoles, Manufacture of. R. A. Mathes. 2,186,419–21; Jan. 9.
Merchandise container, Self-sustaining visible display. J. L. Rosefield. 2,192,716; Mar. 5.
Merchandise dispenser. G. S. Vineyard. 2,218,444; Oct. 15.
Merchandise display structure. G. A. Clicquennoi. 2,188,674; Jan. 30.
Merchandise package. W. A. Ringler. 2,220,912; Nov. 12.
Merchandise package and display. F. J. and P. P. Addis. Re. 21,592; Oct. 8.
Merchandise package and display. F. J. and P. P. Addis. 2,218,901; Oct. 22.
Merchandise package, Combination. H. H. Mehrkens. 2,211,340; Aug. 13.
Merchandise shipping container. J. Ginsberg. 2,215,695; Sept. 24.
Merchandise, Transportation of. J. B. Frear. 2,226,373; Dec. 24.
Merchandising package. E. M. Brogden. 2,205,341; June 18.
Mercuri alkyl phenol derivatives. W. G. Christiansen. 2,217,155; Oct. 8.
Mercury arc converter. H. T. Ramsay. 2,225,757; Dec. 24.
Mercury boiler. R. J. Carpenter. 2,202,831; June 4.
Mercury boiler. B. P. Coulson, Jr. 2,202,835; June 4.
Mercury boiler. A. J. Nerad. 2,219,935; Oct. 29.
Mercury cathode discharge tube. M. J. Druyvesteyn and T. Jurriaanse. 2,191,249; Feb. 20.
Mercury compound and the production thereof, Hydroxy. E. Geiger, L. Vargha, and L. Richter. 2,208,941; July 23.
Mercury feeding device. A. W. Stephenson. 2,226,642; Dec. 31.
Mercury from ores, Production of. H. B. Menardi. 2,186,876; Jan. 9.
Mercury interrupter. W. S. Brian. 2,225,969; Dec. 24.
Mercury interrupter. W. S. Brian. 2,225,971; Dec. 24.
Mercury-methylxanthine compounds, Complex. M. Bockmühl, L. Middendorf and P. Fritzsche. 2,213,457; Sept. 3.
Mercury nitrate, Basic methyl. H. Klös. 2,214,278; Sept. 10.
Mercury sulphonates and making them, Aromatic. C. N. Andersen. 2,215,457; Sept. 24.
Mercury sump arrangement. O. L. Wood. 2,196,003; Apr. 2.
Mercury switch. F. S. Armstrong. 2,202,569; May 28.
Mercury switch. A. Cianchi. 2,215,543; Sept. 24.
Mercury switch. N. F. Gottschalk. 2,220,232; Nov. 5.
Mercury switch. J. M. Jackson. 2,214,197; Sept. 10.
Mercury switch. C. H. Larson. 2,209,984; Aug. 6.
Mercury switch. W. Murad. Re. 21,673; Dec. 24.
Mercury switch. J. H. Staley. 2,219,496; Oct. 29.
Mercury switch. K. Weman. 2,194,239; Mar. 19.
Mercury switch. C. N. Wiles. 2,201,602; May 21.
Mercury switch. J. B. Worth. 2,201,754; May 21.
Mercury switch and support therefor. C. B. Moore and E. C. Burdick. 2,216,449; Oct. 1.
Mercury switch breaker. J. H. Staley. 2,227,041; Dec. 31.
Mercury switch relay. C. H. Larson. 2,224,873; Dec. 17.
Mercury switch relay and circuit. U. C. Hedin and C. H. Larson. 2,208,271; July 16.
Mercury switch, Self-indicating. A. W. Barber, 2,194,241; Mar. 19.
Mercury switch, Time delay. P. L. Spencer. 2,206,436; July 2.
Mercury switch, Vehicle direction signal. L. E. Mohler 2,197,702; Apr. 16.
Mercury vapor detector. T. T. Woodson. 2,227,117; Dec. 31.
Mercury vapor glow lamp. J. W. Marden and M. G. Nicholson, Jr. 2,199,956; May 7.
Mesh material. W. R. Sweet and L. R. Higgins. 2,214,842; Sept. 17.
Message delivery device. H. Whipple. 2,214,392; Sept. 10.
Message device. L. E. Anderson. 2,192,607; Mar. 5.
Message exchange system, Automatic. E. E. Kleinschmidt. 2,193,967; Mar. 19.
Message recording and reproducing apparatus, Telephone. C. C. Plumb. 2,203,877; June 11.
Messages, Transmitting secret. P. Kotowski and K. Dannehl. 2,211,132; Aug. 13.
Meta-diaza compounds, Production of. E. Berthold and W. Rohland. 2,212,928; Aug. 27.
Metabolism machine, Basal. C. V. Perrill. 2,192,799; Mar. 5.
Metal alloy. V. T. Malcolm. 2,188,138; Jan. 23.
Metal alloy, Hard. C. W. Balke. 2,202,821; June 4.
Metal alloy, Precious. R. V. Williams. 2,198,400; Apr. 23.
Metal alloy process, Hard. C. W. and C. C. Balke. 2,207,708; July 16.
Metal amides, Making alkali. J. A. Nieuwland. 2,202,994; June 4.
Metal amine salts, Producing complex. F. C. Bersworth. 2,188,746; Jan. 30.
Metal and agents therefor, Treatment of molten ferrous. J. H. Critchett and W. Crafts. 2,221,782; Nov. 19.
Metal and making same, Clad. T. B. Chace. 2,226,695; Dec. 31.
Metal and thermostatic bimetal, Thermostatic. T. B. Chace. 2,194,738; Mar. 26.
Metal, Annealing. H. Unckel. 2,199,326; Apr. 30.
Metal apparatus, Molten. G. E. West. 2,202,180; May 28.
Metal article and method of production. F. C. Elder 2,192,901; Mar. 12.
Metal articles, Annealing and pickling of hollow. J. Curran. 2,186,856; Jan. 9.

Metal articles by cathode disintegration, Metallization of. B. Berghaus and W. Burkhardt. 2,220,909; May 14.
Metal articles, Coating. J. J. Canfield and G. W. McGohan. 2,206,597; July 2.
Metal articles, Coating. R. A. Rimmel. 2,216,376; Oct. 1.
Metal articles, Forming porous. L. L. Kurtz. 2,219,423; Oct. 29.
Metal articles having closed bottoms, Method and apparatus for working cylindrical sheet. C. L. Clark. 2,206,296; July 2.
Metal articles, Imparting color finish to ferrous. E. A. Walen and F. W. Wilbur. 2,192,280; Mar. 5.
Metal articles, Lacquering. W. Clayton and H. K. Dean. 2,215,145; Sept. 17.
Metal articles, Making molded porous. R. P. Koehring. 2,198,702; Apr. 30.
Metal articles, Manufacture of. R. K. Hopkins. 2,191,475; Feb. 27.
Metal articles, Manufacture of. C. A. McCutcheon. 2,202,016; May 28.
Metal articles, Manufacturing. W. D. Jones. 2,215,723; Sept. 24.
Metal articles, Manufacturing composite. R. K. Hopkins. 2,191,474; Feb. 27.
Metal articles, Manufacturing composite. R. K. Hopkins 2,191,481–2; Feb. 27.
Metal articles, Manufacturing flanged sheet. C. L. Dickson. 2,210,654; Aug. 6.
Metal articles, Sizing and riveting porous. J. H. Davis. 2,199,620; May 7.
Metal articles with handles, Making. V. W. Whitmer. 2,201,067; May 14.
Metal bars into a unitary structure, Method and apparatus for twisting. P. Betzler. 2,189,646; Feb. 6.
Metal bearing elements, Making composite. R. P. Koehring. 2,198,253; Apr. 23.
Metal bending brake. V. A. Nilsby. 2,217,378; Oct. 8.
Metal blanks, Elongating. F. R. Krause. 2,223,039; Nov. 26.
Metal bodies and producing same, Hollow. H. and R. Debor. 2,222,762; Nov. 26.
Metal bodies, Heat treating. H. W. Jones. 2,196,902; Apr. 9.
Metal bodies, Manufacturing cast. R. K. Hopkins. 2,191,477; Feb. 27.
Metal bodies, Manufacturing hard faced. P. Schwarzkopf. 2,205,864; June 25.
Metal bodies, Porous. L. Schlecht and K. Ackermann. 2,198,042; Apr. 23.
Metal bodies, Process and apparatus for conditioning. H. W. Jones, J. H. Bucknam, and E. A. Doyle. 2,210,921; Aug. 13.
Metal body. A. J. Fisher, C. Rehbein, and F. Coates. 2,210,533; Aug. 6.
Metal body. E. O. Schjolin. 2,209,285; July 23.
Metal briquettes, Sintering and impregnating porous. L. L. Kurtz. 2,192,792; Mar. 5.
Metal car, Hot. J. D. Pugh. 2,201,920; May 21.
Metal casing mechanism. W. T. Janney. 2,223,370; Dec. 3.
Metal casting, Continuous. C. T. Greenidge. 2,206,888; July 9.
Metal casting, Method and apparatus for continuous. E. R. Williams. 2,187,720; Jan. 23.
Metal catalyst and its preparation. O. Beeck and F. F. Rust. 2,223,777; Dec. 3.
Metal cleaner. S. B. Wilson. 2,216,928; Oct. 8.
Metal cleaning. S. R. Dodd. 2,186,523; Jan. 9.
Metal cleaning process. C. A. Vincent-Daviss. 2,188,930; Feb. 6.
Metal coating. E. W. Menke. 2,197,274; Apr. 16.
Metal, Coating. M. Schon. 2,223,499; Dec. 3.
Metal coating and adhesive therefor. W. H. Smyers. 2,226,589; Dec. 31.
Metal coating, Process of. J. K. Schofield. 2,195,499; Apr. 2.
Metal, Cold working. H. K. Ihrig. 2,223,937; Nov. 26.
Metal composition. F. R. Hensel. 2,189,755; Feb. 13.
Metal composition, Hard. R. Kieffer. 2,198,343; Apr. 23.
Metal composition, Refractory. K. L. Emmert and J. W. Wiggs. 2,197,376; Apr. 16.
Metal composition, Refractory. C. A. Laise. 2,202,108; May 28.
Metal compositions. E. A. Lederer. 2,185,410; Jan. 2.
Metal compositions, Method and apparatus for making hot pressed hard. E. W. Engle. 2,195,297; Mar. 26.
Metal compound for vacuum tubes, Active. D. H. Wamsley. 2,208,692; July 23.
Metal compounds of aliphatic polyhydroxy monocarboxylic acids and making them. H. Schmidt and H. Jung. 2,215,429; Sept. 17.
Metal compounds of azo dyestuffs. M. Schmid. 2,221,360–2; Nov. 12.
Metal compounds of azo dyestuffs, Complex. M. Schmid. 2,195,787–8; Apr. 2.
Metal container. E. Bourland. 2,202,084; May 28.
Metal container. P. M. Clark and C. B. Hemming. 2,223,026; Nov. 26.
Metal container. C. E. McManus, R. J. Stewart, and G. Goebel. 2,185,216; Jan. 2.
Metal container. R. Nyden. 2,206,260; July 2.
Metal container, Sheet. R. Nyden. 2,197,481; Apr. 16.
Metal container. C. C. Soper. 2,226,109; Dec. 24.
Metal cutting apparatus. C. B. Gray. 2,227,081; Dec. 31.
Metal, Cutting or flame-machining. W. B. Nicholson and E. P. Jones. 2,205,890; June 25.
Metal cutting process. T. Zobel and U. Noetzlin. 2,195,384; Mar. 26.
Metal cutting tool. E. L. Solomon. 2,186,738; Jan. 9.
Metal cutting tool. G. A. Walker. 2,225,326; Dec. 17.
Metal cutting tool. D. H. West. 2,210,109; Aug. 6.
Metal, Drawing. J. W. French, A. J. Andre, and L. A. Teachout. 2,199,627; May 7.
Metal, Drawing ferrous. A. J. Saukaitis. 2,217,921; Oct. 15.
Metal drawing press. W. Ernst. 2,214,635; Sept. 10.
Metal extrusion machine. G. T. W. Grieve. 2,204,961; June 18.
Metal feeding apparatus. A. H. Jung and E. J. Hubelmeyer. 2,215,043; Sept. 17.
Metal, Ferrous. C. F. Lauenstein and C. J. Brinkworth. 2,192,645; Mar. 5.
Metal finishing machine. A. H. Dall and G. W. Binns. 2,197,538; Apr. 16.
Metal flakes, flitters, or shrode, Making discontinuous. S. Tour. 2,199,191; Apr. 30.
Metal foils, Mechanically treating. S. B. Allen. 2,207,995; July 16.
Metal for foodstuff containers, Coating. C. G. Sumner, R. I. Johnson, and W. Clayton. 2,215,166; Sept. 17.
Metal, for instance pig iron, Decarbonizing a carbon holding. I. Rennerfelt. Re. 21,500; July 2.
Metal for paint, Cleaning and preparing. H. R. Neilson. 2,199,712; May 7.
Metal formaldehyde sulphoxylate, Manufacture of alkali. L. B. Smith. 2,198,682; Apr. 30.
Metal forming apparatus, Porous. W. G. Calkins and A. J. Langhammer. 2,218,809; Oct. 22.
Metal forming machine. H. A. Berliner. 2,205,079; June 18.
Metal, Forming ornamental strip. D. A. Marshall. 2,202,295; May 28.
Metal forming tool. J. W. Joseph and A. L. Van Nest. 2,224,302; Dec. 10.
Metal from metallic bodies, Removing. J. M. Gaines, Jr. 2,210,402–3; Aug. 6.
Metal from metallic bodies, Removing. G. M. Skinner. 2,210,403; Aug. 6.
Metal from scruff, Recovery of plated. W. J. Bullock. 2,224,425; Dec. 10.
Metal from the liquid state and apparatus therefor, Direct rolling of. J. H. L. De Bats. 2,210,145; Aug. 6.
Metal inserts for brake shoes and similar castings, Production of expanded. W. S. Fraula. 2,215,549; Sept. 24.
Metal, Making sheet. J. W. Erb. 2,213,759; Sept. 3.
Metal, Making sheet. R. J. Wean. 2,187,595; Jan. 16.
Metal melting furnace, Universal. W. A. Huber. 2,188,539; Jan. 30.
Metal members, Forming hollow. A. C. Arbogast. 2,200,664; May 14.
Metal members, Manufacturing curved constructional. K. Ota. 2,225,794; Dec. 24.
Metal mercury tube switch. J. H. Staley. 2,227,040; Dec. 31.
Metal, Method and apparatus for casting. N. P. Goss. 2,225,373; Dec. 17.
Metal, Method and apparatus for handling molten. J. D. Burby. 2,194,453; Mar. 19.
Metal, Method and apparatus for reclaiming sheet. C. D. Crouse and J. F. Marshall. 2,189,578; Feb. 6.
Metal, Method and machine for forming. W. C. Tucker. 2,197,906; Apr. 23.
Metal, Method of and apparatus for cleaning and pickling. T. E. Nicklas. 2,221,811; Nov. 19.
Metal, Method of cladding. T. B. Chace. 2,190,310; Feb. 13.
Metal, mold therefor, and making same, Casting. M. Bean. 2,220,703; Nov. 5.
Metal molding means. A. A. Ladon. 2,198,287; Apr. 23.
Metal nitrate and chlorine from nitric acid and a metal chloride, Producing a. H. A. Beekhuis, Jr. 2,208,112; July 16.
Metal objects, Sintering porous. J. H. Davis, R. P. Koehring, and J. T. Marvin. 2,203,895; June 11.
Metal objects, Uniting. M. Lincoln. 2,195,314; Mar. 26.
Metal organic compounds, Stabilization of. J. A. van Melsen. 2,203,374; June 4.
Metal panel cutter. G. M. Walraven. 2,199,380; May 7.
Metal parts in cooling or heating systems, Method of and composition for preventing corrosion of. J. M. Michel. 2,208,101; July 16.
Metal parts, Treatment and assembly of lapped. M. J. Zimmer. 2,222,389; Nov. 19.
Metal powder. J. E. Drapeau, Jr., and L. G. Klinker. 2,216,769; Oct. 8.
Metal powders and product, Making. J. E. Drapeau, Jr., and L. G. Klinker. 2,216,770; Oct. 8.
Metal powders, Molding. J. M. Hildabolt. 2,227,308; Dec. 31.
Metal producing machine, Colloidal. A. J. Kuzmann 2,221,874; Nov. 19.
Metal, Producing zirconium. H. von Zeppelin and L. Teichmann. 2,214,211; Sept. 10.
Metal product, Composite. T. B. Chace. 2,193,246; Mar. 12.

Metal products, Making expanded. J. P. Arens and R. W. Janda. 2,215,658; Sept. 24.
Metal products, Method and means for producing composite. T. B. Chace. 2,195,614; Apr. 2.
Metal products, Producing clad. T. B. Chace. 2,211,922; Aug. 20.
Metal products, Producing composite. T. B. Chace. 2,195,613; Apr. 2.
Metal, Reconditioning. H. H. Moss and J. R. Dawson. 2,194,909; Mar. 26.
Metal rectifier, Dry contact. R. J. Elsome-Jones and L. J. Ellison. 2,189,887; Feb. 13.
Metal removing method and machine. C. E. Kraus. 2,225,399; Dec. 17.
Metal, Rolling profiled sections from sheet. E. Penkala. 2,193,737; Mar. 12.
Metal salts of the acetaldehyde bisulphite compound of sulphanilamide, Alkali. A. G. Green and M. Coplaus. 2,214,527; Sept. 10.
Metal-shaping apparatus. C. A. McCutcheon. 2,202,018; May 28.
Metal shaping process and apparatus. R. L. Wagner. 2,202,130; May 28.
Metal shearing tool. C. B. Gray. 2,226,241; Dec. 24.
Metal sheaths on electrical cables, Extruding. B. K. Young, Jr. 2,210,157; Aug. 6.
Metal sheet fabricating machine. J. J. Manofsky. 2,191,433; Feb. 20.
Metal sheets, Manufacturing. D. E. and E. F. Lewellen. 2,212,195; Aug. 20.
Metal, Sintering. B. Berghaus and W. Burkhardt. 2,227,177; Dec. 31.
Metal slabs, Heating. E. E. Moore. 2,199,138; Apr. 30.
Metal spray apparatus. W. H. Stevens. 2,207,765; July 16.
Metal spraying apparatus. H. R. Forton. 2,225,168; Dec. 17.
Metal stock, Compound. F. P. Huston and A. Wesley. 2,225,868; Dec. 24.
Metal strip, Method and apparatus for rolling. L. Iversen. 2,198,009; Apr. 23.
Metal structure, Fabricated. W. W. Smith. 2,188,448; Jan. 30.
Metal structure, Making a composite. R. P. Koehring. 2,190,237; Feb. 13.
Metal structure, Protecting. W. D. G. Turner. 2,207,767; July 16.
Metal structure, Sheet. M. J. C. Johanns. 2,197,761; Apr. 23.
Metal structure, Welded. J. C. Whitesell, Jr. 2,209,909; July 30.
Metal structures, Brazing of thin. L. W. Shutts and P. S. Rosenberg. 2,191,631; Feb. 27.
Metal structures, Making composite. R. P. Koehring. 2,198,254; Apr. 23.
Metal studding system. W. G. Hurlbert, Jr. 2,218,426; Oct. 15.
Metal such as pig iron, Decarbonizing a carbon holding. B. M. S. Kalling and I. Rennerfelt. 2,201,900; May 21.
Metal surfaces by electrodeposition, Protecting. C. G. Sumner, R. I. Johnson, and W. Clayton. 2,215,167; Sept. 17.
Metal surfaces, Finishing ferrous. L. P. Curtin. 2,210,850; Aug. 6.
Metal surfaces, Preventing rusting of ferrous. W. K. Griesinger. 2,186,018; Jan. 9.
Metal surfaces, Treating. R. K. Clifford. 2,213,952; Sept. 10.
Metal surfaces, Uniting. L. A. Young. 2,201,806; May 21.
Metal surfaces with a water insoluble metallic phosphate, Coating. G. C. Romig. 2,186,177; Jan. 9.
Metal surfacing apparatus. J. H. Bucknam. 2,186,096; Jan. 9.
Metal, Tempering sheet. E. B. Hudson. 2,190,986; Feb. 20.
Metal testing. W. F. Davis. 2,224,039; Dec. 3.
Metal to insulation, Bonding. W. Osenberg. 2,203,099–100; June 4.
Metal, Treating electro-deposited. L. C. Whitney and J. A. Heidish. 2,196,002; Apr. 2.
Metal treating process. J. S. Thompson and H. F. Bristol. 2,206,064; July 2.
Metal, Treatment of ferrous. R. T. Reardon. 2,192,756; Mar. 5.
Metal turning. C. E. Kraus. 2,215,007; Sept. 17.
Metal upon another, Casting one. H. T. Baggett. 2,218,781; Oct. 22.
Metal values from fume deposits, Recovery of. W. H. Osborn and F. T. Crego. 2,206,117; July 2.
Metal, Welding of lengths of strip. L. Iversen. 2,203,151; June 4.
Metal, Welding refractory. R. Wildermann. 2,186,312; Jan. 9.
Metal working machine. S. T. Goss and J. J. Spring. 2,206,011; July 2.
Metalworking machine. C. C. Grotnes. 2,211,009; Aug. 13.
Metal working machine. C. I. Lott. 2,224,055; Dec. 3.
Metal working machine and method. G. O. Gabriel. 2,215,369; Sept. 17.
Metallic articles, Treating. L. S. Tracy. 2,190,050; Feb. 13.
Metallic blanks, Extruding. H. Gruber and H. von Neuman. 2,207,004; July 9.
Metallic building block. C. Grubb. 2,209,564; July 30.
Metallic car door. V. Willoughby. 2,226,681; Dec. 31.
Metallic container. W. C. Mills. 2,186,338; Jan. 9.
Metallic container. W. C. Mills. 2,190,844; Feb. 20.
Metallic element and making same. R. P. Koehring. 2,187,086; Jan. 16.
Metallic oxides, Preparation of. E. Herzog. 2,202,252; May 28.
Metallic reduction process. R. H. Varian. 2,201,460; May 21.
Metallic sheet and plate materials, Rolling. V. J. Gibbons. 2,193,231; Mar. 12.
Metallic sheet, Coated fabricated. H. L. Kohlen. 2,212,271; Aug. 20.
Metallic surfaces, Veneering of. R. K. Hopkins. 2,191,469; Feb. 27.
Metallic type, Porous. C. N. Lohrey. 2,199,265; Apr. 30.
Metallo-organic compounds for treatment of circulating waters and surfaces coming into contact with water, Utilization of. W. M. Allison. 2,221,339; Nov. 12.
Metallurgical process and apparatus. W. E. Greenawalt. 2,194,454; Mar. 19.
Metallurgical reactions, Effecting reducing. P. Nève. 2,201,738; May 21.
Metallurgy, Powder. C. Hardy. 2,198,612; Apr. 30.
Metals and alkali metal hydroxides, Manufacture of alkali. T. Wood. 2,200,906; May 14.
Metals and alloys, Production of. C. W. and C. C. Balke. 2,205,386; June 25.
Metals and alloys, Production of low carbon. T. R. Haglund. 2,195,961; Apr. 2.
Metals, Art of coating. W. J. Weder. 2,195,231; Mar. 26.
Metals, Bonding dissimilar. H. T. Reeve. 2,226,944; Dec. 31.
Metals, Bonding dissimilar. C. E. Swartz and E. J. Dockstetter. 2,191,598; Feb. 27.
Metals, Casting. J. Williams. 2,205,327; June 18.
Metals, Coating. D. W. Light and L. P. Moore. 2,223,327; Nov. 26.
Metals, Coating. J. S. Thompson and H. K. Ward. 2,213,263; Sept. 3.
Metals, Coating and decorating. M. W. Mason. 2,209,530; July 30.
Metals, Cutting. G. H. Smith. 2,205,499; June 25.
Metals, Decarburizing. A. B. Kinzel. 2,215,588; Sept. 24.
Metals, Electrodeposition of. R. Lind, W. J. Harshaw, and K. E. Long. 2,198,267–8; Apr. 23.
Metals, Electrolytic production of. H. N. Gilbert. 2,224,814; Dec. 10.
Metals electronegative to iron, Brightening. G. Dubpernell and K. G. Soderberg. 2,186,579; Jan. 9.
Metals electronegative to iron, Brightening. G. Dubpernell and K. G. Soderberg. 2,194,498; Mar. 26.
Metals, Extraction of. A. Kissock. 2,205,565; June 25.
Metals from alloys and metallurgical residues, Recovery of. C. B. White. 2,200,139; May 7.
Metals from ores, Extraction of. A. J. Clark, N. Herz, and E. W. Adams. 2,220,212; Nov 5.
Metals from solutions, Recovering. A. B. Doran. 2,200,357; May 14.
Metals into envelopes, Introducing active. D. H. Wamsley. 2,223,977; Dec. 3.
Metals, Melting, converting and refining. V. Sterental. 2,209,481; July 30.
Metals of the nonferrous group from ores and other primary materials, Process and apparatus for the direct recovery of heavy. J. Lohse. 2,223,569; Dec. 3.
Metals or metal alloys in a molten state, Process and mechanism for treating. S. Junghans. 2,224,303; Dec. 10.
Metals, Pickling. M. W. Harman. 2,201,488; May 21.
Metals present in sea water, Recovery of precious. E. L. Rulison. 2,223,832; Dec. 3.
Metals, Preventing corrosion of ferrous. H. A. Beekhuis, Jr. and W. De F. Macomber. 2,215,077; Sept. 17.
Metals, Preventing corrosion of ferrous. H. A. Beekhuis, Jr. and W. De F. Macomber. 2,215,092; Sept. 17.
Metals, Producing blister-free compound. H. R. Copson. 2,219,738; Oct. 29.
Metals, Production of. J. H. Brennan. 2,224,536; Dec. 10.
Metals, Recovery of. A. Kissock. 2,197,185; Apr. 16.
Metals, such as calcium and magnesium, Producing. J. S. Peake and C. E. Nelson. 2,213,170; Aug. 27.
Metals, Surface treatment of. J. C. Redmond and R. W. Hodil. 2,199,418; May 7.
Metals to a powder, Reduction of. A. W. Ferguson. 2,209,964; Aug. 6.
Metals, Treatment of. R. W. Shoemaker. 2,218,557; Oct. 22.
Metals, Welding ferrous. W. H. Broadfield. 2,196,192; Apr. 9.

Meter: *See*—
Brake testing meter.
Camera and exposure meter.
Drift meter.
Electric flow meter.
Electric meter.
Electrical meter.
Exposure meter.
Flow meter.
Fluid flow meter.
Fluid meter.
Frequency meter.
Gas meter.
Gravity meter.
Induction meter.
Lamp meter.
Laundry meter.
Light meter.

Meter: *See*—
- Liquid meter.
- Long scale frequency meter.
- Optical exposure meter.
- Parking meter.
- Photoelectric exposure meter.
- Photographic exposure meter.
- Polish meter.
- Power-factor meter.
- Rotary meter.
- Rotary type fluid meter.
- Temperature compensating liquid meter.
- Velocity meter.
- Watt-hour meter.

Meter. I. M. Clausen. 2,213,240; Sept. 3.
Meter. J. Mettler. 2,193,108; Mar. 12.
Meter. R. E. Risser, Jr. 2,208,950; July 23.
Meter. H. E. Weaver. 2,200,378; May 14.
Meter and controller, Moisture. G. H. Young. 2,197,823: Apr. 23.
Meter and mounting therefor. A. H. Woodward. 2,192,392; Mar. 5.
Meter box cover. F. M. Brooks. 2,217,097; Oct. 8.
Meter connecting device. K. A. Scharbau. 2,223,859; Dec. 3.
Meter construction. C. S. Hazard and J. A. Hayes. 2,216,944; Oct 8.
Meter control system, Telephone. A. J. Busch, and W. H. Matties. 2,208,357; July 16.
Meter for cameras, Photoelectric exposure. L. Leitz. 2,197,939; Apr. 23.
Meter having light sensitive control means, Demand. W. C. Peyton. 2,206,751; July 2.
Meter holder. N. P. Larsen. 2,231,738; Sept. 3.
Meter lighting. A. N. Curtiss and J. Vassos. 2,223,819; Dec. 3.
Meter mounting. E. G. Johansson. 2,205,202; June 18.
Meter potentional coil. R. Reese. 2,213,093; Aug. 27.
Meter reading instrument. L. B. Kendall. 2,192,791; Mar. 5.
Meter testing jack. W. J. Larson. 2,218,650; Oct. 22.
Meter testing plug. W. J. Larson. 2,210,418; Aug. 6.
Meter with gap centering adjustments, Watt-hour. S. S. Green. 2,206,887; July 9.
Meter with several ranges of measurement, Photoelectric exposure. A. Bernhard, G. Beyrich and M. Aron. 2,202,441; May 28.
Metering and integrating apparatus. J. W. Beecher. 2,207,908; July 16.
Metering device. M. Hebel. 2,222,905; Nov. 26.
Metering device, Adjustable liquid. F. W. Guibert and F. B. Fuller. 2,222,660; Nov. 26.
Metering plug. D. and R. E. Moody. 2,203,284; June 4.
Metering pump. P. W. Adler. 2,206,384; July 2.
Metering system. J. O. Shepherd. 2,191,298; Feb. 20.
Metering system. E. L. Tornquist. 2,207,840; July 16.
Metering system, Fluid. E. H. Brayer. 2,193,474; Mar. 12.
Metering valve, Thermoresponsive. R. W. Johnson. 2,203,153; June 4.
Meters, Filter bracket for light. G. Buchholtz. 2,211,557; Aug. 13.
Meters, Integrating X-ray dosage. L. T. Bourland. 2,189,623; Feb. 6.
Meters or like electrical measuring instruments, Calibrating electricity. E. J. Riordan. 2,205,309; June 18.
Methacrylic acid and esters thereof, Manufacture of. E. B. Thomas and H. F. Oxley. 2,226,645; Dec. 31.
Methacrylic acid ester polymers, Low molecular weight. D. E. Strain. 2,204,517; June 11.
Methacrylonitrile, Manufacture of. C. T. Kautter and A. R. H. Gräfe. 2,210,320; Aug. 6.
Method and apparatus for, Clay treating. A. S. Hagan. 2,214,671; Sept. 10.
Method and apparatus for continuously crushing and discharging carbonized and foreign substances from woolen and worsted fabrics. H. C. Riggs. 2,211,838; Aug. 20.
Method and apparatus for viewing pictures in stereoscopic relief. R. K. Parsell. 2,218,875; Oct. 22.
Method of and apparatus for magnetically exploring earth strata. C. B. Aiken. 2,220,070; Nov. 5.
Method of and apparatus for removing foreign material from air. J. D. Schmieg. 2,212,752; Aug. 27.
Method of and apparatus for the recovery of heat and chemicals for black liquor. F. H. Rosencrants and A. L. Hamm. 2,213,052; Aug. 27.
Method of and machine for forming end caps for coil packages. G. E. Mirfield. 2,212,669; Aug. 27.
Methyl borate, Manufacture of. F. J. Appel. 2,217,354; Oct. 8.
Methyl halide derivatives of aromatic hydrocarbons, Preparing. F. D. Jones. 2,212,099; Aug. 20.
Methylene dialkyl malonates, Preparation of. G. B. Bachman and H. A. Tanner. 2,212,506; Aug. 27.
Metronome. S. C. Howard and B. Williams. 2,222,032. Nov. 19.
Mica, Producing clean wet-ground. F. C. Atwood. 2,204,063; June 11.
Mica products, Manufacturing high temperature. W. A. Boughton and W. R. Mansfield. 2,186,954; Jan. 16.
Mica flotation. F. X. Tartaron and L. R. Harrison, Jr. 2,226,103; Dec. 24.
Mica product. A. Runyan. 2,224,523; Dec. 10.
Microfixture for spline mills, Adjustable. S. A. Pogarch. 2,213,408; Sept. 3.
Microlapping machine. H. S. Indge. 2,201,955; May 21.
Micrometer. E. Muller. 2,220,378; Nov. 5.
Micrometer. W. E. Sanford. 2,193,939; Mar. 19.
Micrometer attachment, Inside. C. Bigwood. 2,199,236; Apr. 30.
Micrometer gauge. E. J. Witchger. 2,212,910; Aug. 27.
Microorganisms, Promoting the propagation and the activity of. P. Liebesny and H. Wertheim. 2,196,361; Apr. 9.
Microphone. A. I. Abrahams. 2,202,886; June 4.
Microphone apparatus. B. Baumzweiger. 2,198,424; Apr. 23.
Microphone arrangement. E. Gerlach. 2,197,691; Apr. 16.
Microphone, Condenser. R. Horkheimer. 2,199,432; May 7.
Microphone system. T. W. Varley. 2,200,462; May 14.
Microscope. G. B. Gallasch. 2,214,367; Sept. 10.
Microscope. G. B. Gallasch, H. F. Kurtz, and C. H. O. Wittig. Re. 21,587; Oct. 1.
Microscope. G. B. Gallasch, H. F. Kurtz, and C. H. O. Wittig. 2,208,839; July 23.
Microscope. J. H. Graff and C. H. Root. 2,208,882; July 23.
Microscope. K. Michel. 2,209,532; July 30.
Microscope, Electron. L. Marton. 2,220,973; Nov. 12.
Microscope, Electron. H. Schuchmann. 2,215,979; Sept. 24.
Microscope for examining profiles of surfaces of bodies by the optical intersection method. O. M. Eppenstein and C. Münster. 2,216,003; Sept. 24.
Microscope objective. H. Boegehold. 2,206,155; July 2.
Microscope objectives, Centering. H. N. Ott. 2,195,657; Apr. 2.
Microscope, Vernier. W. L. Egy. 2,188,038; Jan. 23.
Microscope, Vernier. K. H. Rich. 2,188,014; Jan. 23.
Microscopic slide holder. S. A. Petroff. 2,226,778; Dec. 31.
Microscopy. H. C. Snook. 2,218,270; Oct. 15.
Microwave system, Electromagnetic. K. Fritz. 2,197,338; Apr. 16.
Milk and cream dispenser. G. B. Haven. 2,207,196; July 9.
Milk and making same, Alginated evaporated. V. K. Wilt. 2,223,277; Nov. 26.
Milk bottle carrier. R. Lemerman. 2,207,017; July 9.
Milk bottle holder. W. R. Browder. 2,212,287; Aug. 20.
Milk can cover. L. J. Hois and A. C. Sladky. 2,199,953; May 7.
Milk container. J. L. Carley. 2,226,049; Dec. 24.
Milk container. A. R. Glidden. 2,202,652; May 28.
Milk cooler. J. Gregory and L. A. Babcock. 2,213,671; Sept. 3.
Milk cooler. R. Markley, Jr., and W. A. Cook. 2,188,839; Jan. 30.
Milk cooler. P. R. Yost. 2,186,853; Jan. 9.
Milk dispenser. W. Tamminga. 2,186,082; Jan. 9.
Milk from cream and in centrifuges for practicing such method, Effecting clean skimming in separating. A. L. Stigen. 2,222,727; Nov. 26.
Milk, Method of and apparatus for handling. J. F. Russell. 2,226,946; Dec. 31.
Milk of magnesia. R. E. Hall. 2,193,281; Mar. 12.
Milk or milk products for the permanent distribution therein of vitamins, Treatment of. B. Cuenod. 2,197,095; Apr. 16.
Milk, Preparing dried. N. M. Kronberg. 2,213,283; Sept. 3.
Milk product. R. Powers. 2,223,269; Nov. 26.
Milk products, Treating concentrated. J. F. and R. H. Dietrich. 2,209,328; July 30.
Milk products, Treatment of. M. E. Parker and F. C. Brengman. 2,207,817; July 16.
Milk sampler. J. Sollie. 2,185,651; Jan. 2.
Milk solids and making and using the same, Modified antioxygenic. S. Musher. 2,198,198; Apr. 23.
Milk straining unit. M. J. Dowling. 2,209,447; July 30.
Milk testing cabinet. W. Watermann and D. V. Fitzgerald. 2,214,215; Sept. 10.
Milker claw. F. G. Hodsdon. 2,204,677; June 18.
Milking apparatus. C. H. Hapgood. 2,199,821; May 7.
Milking device. W. B. McPherren. 2,225,388; Dec. 17.
Milking machine, Portable. A. E. Anderson. 2,226,087; Dec. 24.
Milking-machine pulsator. K. G. Magni. 2,186,253; Jan. 9.
Milking machine pulsator. W. A. Scott. 2,202,997; June 4.
Milking machine washer. H. L. Engels and R. Buslaff. 2,213,069; Aug. 27.
Milkweed floss liberation. B. Berkman. 2,223,543; Dec. 3.
Mill: *See*—
- Attrition mill.
- Ball mill.
- Blade mill.
- Cane mill.
- Cereal grinding mill.
- Coffee mill.
- Collecting and classifying mill.
- Colloidal mill.
- Comminuting mill.
- Continuously operating strip mill.
- Disk mill.
- Dispensing mill.
- Dispersion mill.
- Grinding mill.
- Ore mill.
- Hammer mill.
- Pulverizing mill.
- Reducing mill.
- Reduction mill.
- Roller mill.
- Rolling mill.
- Rotary mill.
- Strip mill.
- Sugar cane mill.
- Tube and the like mill.
- Tube rolling mill.
- Vertical edging mill.

Mill. N. E. Brown. 2,186,164; Jan. 9.

Mill. E. A. Butler. 2,221,342; Nov. 12.
Mill. H. W. Langbein. 2,204,140; June 11.
Mill. M. Vogel-Jorgensen. 2,185,960; Jan. 2.
Mill control, Rolling. W. G. Cook. 2,214,577; Sept. 10.
Mill discharge means. W. P. Scott. 2,198,463; Apr. 23.
Mill feeder. H. H. Mandle. 2,223,806; Dec. 3.
Mill for grinding liquids or powders. S. R. N. Smith. 2,210,467; Aug. 6.
Mill for grinding materials, Roller. A. Sonsthagen. 2,194,511; Mar. 26.
Mill for grinding pepper, salt, sugar, coffee, and the like. J. Mantelet. 2,222,927; Nov. 26.
Mill for producing tubes, Continuously running rolling. F. Kocks. 2,214,279; Sept. 10.
Mill plate resharpening machine. J. C. H. Leon. 2,191,764; Feb. 27.
Mill unit, Rolling. A. Simons. 2,219,664; Oct. 29.
Milling attachment for machine tools. W. H. Lee. 2,203,162; June 4.
Milling cutter. C. R. Besaw. 2,207,909; July 16.
Milling cutter. O. Severson. 2,188,743; Jan. 30.
Milling, Device for equidirectional. V. Jereczek. 2,206,479; July 2.
Milling machine. E. E. Coffin and A. L. Krause. 2,217,671–2; Oct. 15.
Milling machine. H. O. Fletcher. 2,193,193; Mar. 12.
Milling machine. C. H. King and E. J. Seaver. 2,194,829; Mar. 26.
Milling machine. N. S. Lundberg and C. B. De Vlieg. 2,213,251; Sept. 3.
Milling machine. C. H. Nelson. 2,197,825; Apr. 23.
Milling machine. R. B. Parker. 2,204,945–6; June 18.
Milling machine. P. F. Schoen. 2,201,654; May 21.
Milling machine attachment supporting apparatus. J. B. Armitage. 2,217,938; Oct. 15.
Milling machine, Automatic. F. Koch. 2,202,210; May 28.
Milling machine, Hand. N. M. Marsilius. 2,202,425; May 28.
Milling machine, Pattern controlled. M. E. Martellotti. 2,199,465; May 7.
Milling machinery. J. L. Williams. 2,203,273; June 4.
Milling, Method of and apparatus for face. C. E. Kraus. 2,187,744; Jan. 23.
Milling, Method of and machine for. C. E. Kraus. 2,225,400; Dec. 17.
Milling products, Method and composition for bleaching. F. H. Penn. 2,208,471; July 16.
Milling products, Method and composition for improving. F. H. Penn. 2,188,247; Jan. 23.
Milling products, Method and composition for improving. F. H. Penn. 2,192,099–100; Feb. 27.
Milling tool. R. B. Kinzbach. 2,213,498; Sept. 3.
Mine car, Convertible end dump and rotary dump. C. O. Crump. 2,225,555; Dec. 17.
Mine car, Drop-bottom. E. J. Rose. 2,225,462; Dec. 17.
Mine car, Resiliently mounted. H. H. Pancake and R. A. Shields. 2,227,318; Dec. 31.
Mine car wheel. W. D. Hockensmith, Jr. 2,188,786; Jan. 30.
Mine machine. E. P. Stenger and A. O. Bruestle. 2,214,644; Sept. 10.
Mine samples, Taking. M. E. St. Clair. 2,216,989; Oct. 8.
Mine shaft equipment. E. J. Berryman and J. B. Newsom. 2,194,134; Mar. 19.
Mine trap door, Automatic. E. L. Tucker. 2,188,694; Jan. 30.
Mineral composition for use in glass manufacture. C. H. Peddrick, Jr. 2,210,254; Aug. 6.
Mineral exploration. L. B. Slichter. 2,190,686; Feb. 20.
Mineral fibrous substances such as glass wool, slag wool, or the like, Treating. C. Hannen. 2,215,150; Sept. 17.
Mineral mixtures, Mechanically separating. E. Bierbrauer. 2,189,698; Feb. 6.
Mineral oil composition. E. W. Fuller and L. A. Hamilton. 2,223,411; Dec. 3.
Mineral oil distillation. R. V. Becknell. 2,217,356; Oct. 8.
Mineral wool. C. F. Ramseyer. 2,193,982; Mar. 19.
Mineral wool, Making. C. F. Ramseyer. 2,223,047; Nov. 26.
Minerals, Classifying. W. B. Foulke and O. H. Greager. 2,208,758; July 23.
Minerals, Concentrating non-metallic. C. H. Peddrick, Jr., and J. H. Weis. 2,198,972; Apr. 30.
Minerals, Concentrating phosphate bearing. H. B. Johnson. 2,197,865; Apr. 23.
Minerals of the class consisting of phosphate, calcite, barite, and fluorspar, Concentrating. F. X. Tartaron 2,222,728; Nov. 26.
Minerals, Purification of rock. O. C. Ralston. 2,185,224; Jan. 2.
Minerals, Separating and concentrating. M. Constant. 2,196,457; Apr. 9.
Mining and loading machine. E. M. Arentzen. 2,216,177; Oct. 1.
Mining apparatus. E. M. Cadwallader. 2,187,700; Jan. 16.
Mining apparatus. E. M. Cadwallader. 2,194,466; Mar. 26.
Mining apparatus. J. F. Joy. 2,194,474; Mar. 26.
Mining apparatus. J. F. Joy. 2,210,919; Aug. 13.
Mining apparatus. J. F. Joy. 2,224,872; Dec. 17.
Mining apparatus. M. P. Holmes. 2,202,584; May 28.
Mining apparatus. C. F. Osgood. 2,218,492; Oct. 15.
Mining machine. S. J. Farmer. 2,212,289; Aug. 20.
Mining machine. J. F. Joy. 2,190,924; Feb. 20.
Mining machine. J. F. Joy and C. P. Baldwin. 2,211,781; Aug. 20.
Mining machine. T. F. McCarthy. 2,211,751; Aug. 20.
Mining machine. L. E. Mitchell. 2,221,454; Nov. 12.
Mining machine. L. E. Simmons. 2,225,666; Dec. 24.
Mining machine. W. W. Sloane. 2,225,185; Dec. 17.
Mining machine transport means. W. W. Dartnell. 2,206,598; July 2.
Mining machinery. H. C. McCollum. 2,211,241; Aug. 13.
Mining, quarrying, and the like, Method of and apparatus for. G. M. Gullick. 2,198,163; Apr. 23.
Minnow, Artificial. K. Andersson. 2,223,591; Dec. 3.
Minnow, Phantom. F. Steinhoff. 2,196,508; Apr. 9.
Minnow trap. C. W. Doan and L. L. Haggard. 2,219,981; Oct. 29.
Mirror. W. La Hodny. 2,202,697; May 28.
Mirror. W. La Hodny and P. Bertell. 2,194,758; Mar. 26.
Mirror and picture frame. I. Kaplan. 2,186,643; Jan. 9.
Mirror assembly. L. F. Sarnes. 2,226,482; Dec. 24.
Mirror construction. J. W. Anderson. 2,187,582; Jan. 16.
Mirror, Dental mouth. A. P. Preston. 2,192,103; Feb. 27.
Mirror for lipsticks and the like. C. A. Mureau. 2,209,789; July 30.
Mirror, Illuminated. M. K. Traver. 2,195,526; Apr. 2.
Mirror, Illuminated. E. F. Wesson. 2,205,279; June 18.
Mirror, Physician's head. S. Golub and B. Frommer. 2,190,473; Feb. 13.
Mirror, Portable make-up. E. Van Patten. 2,201,251; May 21.
Mirror, Rear vision. L. Hoeninghausen. 2,221,449; Nov. 12.
Mirror, Rear-vision. J. G. Lenta. 2,214,639; Sept. 10.
Mirror sign. E. C. White, 2,203,244; June 4.
Mirror sign. E. C. White. 2,221,887–9; Nov. 19.
Mirror support for motor vehicles, Universal. A. W. Rosen. 2,213,051; Aug. 27.
Mirror surfaces to the interior of lamp bulbs, Applying. M. E. Macksoud. 2,217,228; Oct. 8.
Mirror, Traffic. C. Andrews. 2,208,012; July 16.
Mirrors, Making. W. Peacock. 2,214,476; Sept. 10.
Missile. K. A. Sells. 2,201,246; May 21.
Missile projecting device. H. A. Douglas. 2,214,224; Sept. 10.
Mist above the surface of an electrolyte evolving gas, Preventing. R. Teats. 2,223,973; Dec. 3.
Miter and framing tool. C. H. Pearce. 2,220,794; Nov. 5.
Miter box. W. J. Parsons. 2,205,019; June 18.
Miter box. J. A. Sperry. 2,203,369; June 4.
Miter clamp. W. Krumbach. 2,186,198; Jan. 9.
Mitosis model. J. Assmuth and J. A. Mullen. 2,218,078; Oct. 15.
Mitt, Bath. H. S. Frank. 2,210,754; Aug. 6.
Mixer: *See*—
Air float mixer.
Beverage mixer.
Butter color mixer.
Concrete mixer.
Continuous mixer.
Drink mixer.
Feed mixer.
Gas mixer.
Lather mixer.
Portable mixer.
Revolving cone mixer.
Revolving mixer.
Rotary mixer.
Slip-stream mixer.
Turbine type mixer.
Vacuum type mixer.
Water mixer.
Mixer. O. M. Knode. 2,220,683; Nov. 5.
Mixer. O. M. Knode, J. A. Besal, and F. M. Thorman. 2,220,684; Nov. 5.
Mixer. E. H. Purdy. 2,213,638; Sept. 3.
Mixer. C. V. Russell. 2,204,029; June 11.
Mixer, aerator, and sifter, Sand. R. C. Hopkins. 2,207,011; July 9.
Mixer and dispenser for carbonated and noncarbonated drinks, Automatic. M. J. Holmes. 2,203,054; June 4.
Mixer and settler, Liquid. C. W. Stratford. 2,190,247; Feb. 13.
Mixer for deliquescent bath spray tablets. S. Brandfon. 2,189,936; Feb. 13.
Mixer for plastic material. T. W. Edwards and C. H. Nagel. 2,200,875; May 14.
Mixer tooth. A. W. Bollard. 2,187,897; Jan. 23.
Mixing and atomizing device, Centrifugal. P. Jeffrey. 2,220,653; Nov. 5.
Mixing and spraying device. O. E. Honsberger. 2,198,998; Apr. 30.
Mixing apparatus. F. L. Craddock. 2,193,686; Mar. 12.
Mixing apparatus. M. A. Dibble, G. R. McCormick, and R. G. Russell. 2,196,983; Apr. 16.
Mixing apparatus. J. S. Leedy. 2,191,830; Feb. 27.
Mixing apparatus and method. G. W. Newton. 2,216,090; Sept. 24.
Mixing apparatus and method of mixing. T. Robinson 2,215,976; Sept. 24.
Mixing apparatus, Convertible. S. Ish-Shalom. 2,193,002; Mar. 12.
Mixing apparatus, Duplex. S. Ish-Shalom. 2,193,003; Mar. 12.

Mixing apparatus for charging beverages or for frothing liquids. J. Kahn. 2,197,763; Apr. 23.
Mixing bowl fastener. C. Kühnel. 2,187,426; Jan. 16.
Mixing device. E. G. Baker. 2,194,377; Mar. 19.
Mixing device. N. W. Barnes. 2,205,334; June 18.
Mixing device. C. A. Madsen. 2,205,147; June 18.
Mixing device. F. Müllner. 2,218,433; Oct. 15.
Mixing device. G. L. Reichhelm, E. Holm, F. A. Kane, Jr., and O. C. Funderburk. 2,200,723; May 14.
Mixing device. R. W. Scott. 2,211,481; Aug. 13.
Mixing device. R. W. Scott. 2,214,147–8; Sept. 10.
Mixing machine. C. W. Gibbs. 2,190,421; Feb. 13.
Mixing machine. C. W. Kendall. 2,203,356; June 4.
Mixing machine. F. A. Schletz. 2,190,487; Feb. 13.
Mixing machine, Portable. T. Jones. 2,219,706; Oct. 29.
Mixing method and apparatus. G. W. Newton. 2,216,088–9; Sept. 24.
Mixing plant. H. C. Pollitz. 2,190,044; Feb. 13.
Mixing plant, Central. C. S. Johnson. 2,199,289; Apr. 30.
Mixing plant, Portable. W. E. Prout and J. Yount. 2,207,303; July 9.
Mixing valve. A. A. Clokey. 2,193,581; Mar. 12.
Mixing valve. A. W. Felger. 2,202,249; May 28.
Mixing valve. F. E. Hamilton. 2,199,129; Apr. 30.
Mixing valve. R. H. Zinkil and E. A. Fredrickson. 2,188,258; Jan. 23.
Mixture applicable to tires, footwear, or the like to prevent skidding. H. T. Barnes. 2,204,466; June 11.
Mixtures containing vinyl aromatic hydrocarbons, Distilling. R. R. Dreisbach and J. E. Pierce. 2,188,772; Jan. 30.
Mixtures of hydrocarbons, Separation of. M. A. Dietrich. 2,188,531; Jan. 30.
Mixtures of organic phosphates and calcareous neutralizing agents. W. D. Bancroft, J. K. Wilson, and J. E. Rutzler, Jr. 2,213,515; Sept. 3.
Mixtures of substances, particularly coarse-grained mineral mixtures, Mechanical separation of. E. Bierbrauer. 2,189,124; Feb. 6.
Moccasin. H. S. Lyness. 2,212,610; Aug. 27.
Moccasin manufacture. P. E. Medwed. 2,218,006; Oct. 15.
Moccasins, Making imitation. W. Finn. 2,207,977; July 16.
Model of the spine. Electric nerve injection. B. D. Judovich. 2,207,153; July 9.
Model test piece. O. W. Loudenslager and L. H. Donnell. 2,205,102; June 18.
Modulated-carrier wave-signal-translating system. M. Cawein. 2,203,521; June 4.
Modulated high frequency transmitter system. E. Kramar and E. Heinecke. 2,212,568; Aug. 27.
Modulating system, Double balanced. R. S. Caruthers. 2,205,843; June 25.
Modulation. W. R. Bliss. 2,220,201; Nov. 5.
Modulation. K. Fritz. 2,216,940; Oct. 8.
Modulation. L. W. Hussey. 2,225,697; Dec. 24.
Modulation control, Automatic. L. C. Waller. 2,227,206; Dec. 31.
Modulation indicator. L. B. Holmes. 2,216,269; Oct. 1.
Modulation system. J. D. Booth. 2,214,573; Sept. 10.
Modulation system. G. L. Davies and F. G. Kear. 2,198,025; Apr. 23.
Modulation system. R. L. Drake. 2,202,576; May 28.
Modulation system. J. L. Finch. 2,205,880; June 25.
Modulation system. V. H. Fraenckel. 2,200,986; May 14.
Modulation system. F. Gutzmann and E. Schulze-Herringen. 2,189,897; Feb. 13.
Modulation system. D. Pollack. 2,224,314; Dec. 10.
Modulation system. N. M. Rust. 2,209,541; July 30.
Modulating system. K. Schlesinger. 2,227,027; Dec. 31.
Modulation system. J. E. Smith. 2,223,430; Dec. 3.
Modulation system. K. Steimel and K. Wilhelm. 2,211,939; Aug. 20.
Modulation system. H. Tischner. 2,196,163; Apr. 2.
Modulation system. J. Twatt. 2,207,498; July 9.
Modulation system. R. O. Wise. 2,224,580; Dec. 10.
Modulator. G. L. Usselman. 2,201,016; May 14.
Modulator and method of modulation, Electronic. R. E. Shelby. 2,201,323; May 21.
Modulator circuit. R. Andrieu. 2,204,061; June 11.
Moisture box. L. P. de Give. 2,201,389; May 21.
Moisture content of materials, Determining the. J. Devine. 2,210,800; Aug. 6.
Moisture content of lengths of material, Process and device for the determination and regulation of the. M. Siegenheim. 2,189,352; Feb. 6.
Moisture control system for paper drying machines. A. E. Armstrong. 2,208,784; July 23.
Moisture eliminator, Aggregate. A. C. Kennedy. 2,199,884; May 7.
Moisture from gas or air, Method and apparatus for eliminating. A. J. Boynton and G. D. Dill. 2,200,980; May 14.
Moistening and strip serving device. W. von Nessen and F. Lemle. 2,204,977; June 18.
Moistening apparatus for sealing adhesive surfaces and the like. J. Siegel. 2,204,190; June 11.
Moistening device. B. Borland. 2,211,555; Aug. 13.
Moistening device. R. C. Goettsche. 2,188,296; Jan. 30.
Moistening device for duplicating machines. Z. Takats. 2,189,765; Feb. 13.
Moistening device for tapes, labels, envelopes, and the like. A. P. Krueger. 2,226,566; Dec. 31.
Moistening device for web materials. K. Dietsche. 2,209,113; July 23.
Moistening, Finger solution. G. E. Lane. 2,208,006; July 16.
Moistureproof material. E. F. Izard and J. A. Mitchell. 2,192,314; Mar. 5.
Moistureproofing. J. A. Mitchell. 2,193,831; Mar. 19.
Moistureproofing. J. A. Mitchell. 2,205,428; June 25.
Moistureproofing of regenerated cellulose. C. F. Silsby. 2,198,886; Apr. 30.

Mold: *See*—

Block forming mold.	Fabric mold.
Burial vault mold.	Glass mold.
Butter mold.	Glassware mold.
Concrete mold.	Ground meat mold.
Confection mold.	Heel mold.
Dandy roll and cylinder mold.	Ice freezing mold.
	Ingot mold.
Dental impression mold.	Pipe spacing mold.
Extrusion mold	Sectional article mold.

Mold. G. A. Allen. 2,194,538; Mar. 26.
Mold. K. M. Henry. 2,210,583; Aug. 6.
Mold. W. L. Proeger. 2,205,668; June 25.
Mold. B. L. York. 2,212,764; Aug. 27.
Mold and sterilizer for dental impression compounds. A. Lange. 2,223,629; Dec. 3.
Mold and wrapper, Butter. H. C. Niethamer. 2,214,860; Sept. 17.
Moldboard, Convertible brush buster-bulldozer. T. P. Flynn and R. E. Neils. 2,219,159; Oct. 22.
Moldboard tilt for graders and the like, Power. C. W. Sowell. 2,194,875; Mar. 26.
Mold carrier on die casting machines under pressure. J. Vontobel. 2,216,060; Sept. 24.
Mold charging device. L. D. Soubier and J. R. Hoge. 2,212,483; Aug. 20.
Mold composition and producing same. V. A. Grodsky. 2,201,366; May 21.
Mold construction for contact plugs. W. P. Herman. 2,225,632; Dec. 24.
Mold construction for line casting machines. C. E. Brandon, Jr. 2,192,220; Mar. 5.
Mold drying method and apparatus. H. F. Hagemeyer. 2,205,650; June 25.
Mold equipment and making same. R. P. Koehring. 2,217,802; Oct. 15.
Mold extractor. H. F. Hagemeyer. 2,214,998; Sept. 17.
Mold extractor control. H. F. Hagemeyer. 2,206,459; July 2.
Mold for and method of producing solid metallic balls. M. E. Annich. 2,209,502; July 30.
Mold for battery grid plates. A. D. Lund. 2,194,092; Mar. 19.
Mold for battery grids. H. B. Lockwood. 2,218,612; Oct. 22.
Mold for building tile. G. H. Brimhall. 2,206,803; July 2.
Mold for centrifugal casting. E. A. Nelson. 2,214,508; Sept. 10.
Mold for frozen stick confections, Domestic. K. A. Price. 2,193,342; Mar. 12.
Mold for ground meat or the like, Compressing. B. King and P. A. Fellis. 2,190,236; Feb. 13.
Mold for making hollow concrete casts. F. E. Kruckenberg. 2,219,106; Oct. 22.
Mold for refractory cast materials. J. C. McMullen. 2,185,772; Jan. 2.
Mold for the production of hollow molded articles, Immersible. A. C. Plötze. 2,219,961; Oct. 29.
Mold, Inhibition of. C. Hoffman, G. Dalby, and T. R. Schweitzer. 2,190,714; Feb. 20.
Mold inhibitor for photographic elements. C. J. Staud and C. S. Popper. 2,226,183; Dec. 24.
Mold jacket. J. F. Hines. 2,226,058; Dec. 24.
Mold machine, Permanent. J. L. Dostal. 2,219,864; Oct. 29.
Mold making, Sand. J. L. Skates. 2,191,687; Feb. 27.
Mold skin drier. F. M. Kulka. 2,187,161; Jan. 16.
Molded article. J. H. Olsen. 2,202,064; May 28.
Molded article of synthetic resin. W. Engel. 2,189,889; Feb. 13.
Molded articles, Making. A. W. Merrick. 2,205,488; June 25.
Molded articles, Manufacture of. W. I. Taylor and L. B. Gibbins. 2,223,538; Dec. 3.
Molded composition resistor. G. E. Megow and H. G. Thomson. 2,203,997; June 11.
Molding machine. A. A. Scott. 2,226,326; Dec. 24.
Molded product. A. B. Ruddle. 2,193,346; Mar. 12.
Molded product. A. B. Ruddle. 2,204,913; June 18.
Molded products, Manufacture of. A. Gams and G. Widmer. 2,199,155; Apr. 30.
Molding. J. Visman. 2,216,863; Oct. 8.
Molding and attaching same. A. J. Kelsen. 2,196,417; Apr. 9.
Molding and ejecting means for threaded articles. D. M. Anderson. 2,217,661; Oct. 15.
Molding and fastening means therefor. W. J. Hall. 2,192,309; Mar. 5.
Molding and support, Protective edge. A. Modray. 2,195,318; Mar. 26.

Molding and wrapping apparatus. H. E. Gregory, R. Turner, A. A. Henkel, and H. Thürlings. 2,188,837; Jan. 30.
Molding apparatus. H. W. Richter, 2,198,634; Apr. 30.
Molding apparatus. H. H. Rodefer and H. Vaupel. 2,204,151; June 11.
Molding apparatus, Permanent. M. Wagner. 2,190,496; Feb. 13.
Molding, Bullnose plaster ground. J. J. Sprouse and G. R. Heitzman. 2,196,086; Apr. 2.
Molding clip. W. R. Wiley. 2,208,878; July 23.
Molding composition. D. E. Cordier. 2,201,028; May 14.
Molding composition. D. E. Cordier. 2,213,577–8; Sept. 3.
Molding composition. D. E. Cordier. 2,217,006; Oct. 8.
Molding composition and process of forming, Urea-formaldehyde. R. W. Belfit. 2,191,949; Feb. 27.
Molding composition and process of making, Urea-formaldehyde. A. M. Howald. 2,191,960; Feb. 27.
Molding composition from lignin and formaldehyde, Producing. C. W. Scott. 2,201,797; May 21.
Molding construction. G. A. Tinnerman. 2,217,574; Oct. 8.
Molding device, Injection. H. W. Johnson. 2,192,263; Mar. 5.
Molding, Electric. W. Semenyna. 2,190,196; Feb. 13.
Molding machine. D. J. Campbell. 2,191,451; Feb. 27.
Molding machine. A. C. and W. W. Collins. 2,191,847; Feb. 27.
Molding machine. J. Flammang and P. L. Bowser. 2,204,407; June 11.
Molding machine. A. Kissam. 2,198,284; Apr. 23.
Molding machine. R. A. Parker. 2,209,792; July 30.
Molding machine. G. Walther. 2,187,255; Jan. 16.
Molding machine, Continuous. W. R. Webster. 2,206,930; July 9.
Molding machine for plastics. E. R. Odom. 2,185,678; Jan. 2.
Molding machine, Plastic. C. S. Dewey, Jr. 2,193,395; Mar. 12.
Molding machine, Plastic extrusion. W. Ernst and I. B. Lawyer. 2,191,882; Feb. 27.
Molding, Manufacturing. W. J. Hall. 2,195,086; Mar. 26.
Molding means for making thermoplastic articles. H. A. Husted. 2,203,787; June 11.
Molding method and apparatus. H. F. Hagemeyer. 2,197,213; Apr. 16.
Molding press. W. Makenny and W. Harrison. 2,197,528; Apr. 16.
Molding process. H. F. Hagemeyer. 2,201,037; May 14.
Molding strip and attaching means. A. Doppleb. 2,208,542; July 16.
Molding support means. A. A. Ladon and F. V. Osborn. 2,201,341; May 21.
Molding, Vacuum. L. W. Flood and E. B. Hagar. 2,186,331; Jan. 9.
Moldings, Securing. B. C. Place. 2,216,047; Sept. 24.
Moldings, Securing. B. C. Place. 2,220,827; Nov. 5.
Moldings, Securing hollow. B. C. Place. 2,220,826; Nov. 5.
Molds for rubber articles, Electroplating. R. L. Lunt. 2,206,908; July 9.
Molds, Making tire. H. C. Bostwick. 2,224,337; Dec. 10.
Molds, Method of and apparatus for filling suction. F. W. Duhan. 2,210,203; Aug. 6.
Molds, Method of and jig for operating upon monotype. F. J. Lemieux. 2,192,407; Mar. 5.
Molds of a machine for forming glassware, Opening and closing the. T. F. Pearson. 2,212,699; Aug. 27.
Molds, Producing casting. V. Krosta. 2,211,133; Aug. 13.
Molecular mixtures, Separating high. E. S. Hillman and V. Lantz. 2,188,045; Jan. 23.
Molecular mixtures, Separating high. S. Pilat and M. Godlewicz. 2,188,012–13; Jan. 23.
Molten bath furnace. R. C. Upton. 2,223,138–9; Nov. 26.
Molten substances, such as metals, Treating. S. Junghans. 2,225,414; Dec. 17.
Molybdenite from copper sulphides, Separation of. E. H. Brown and C. F. Williams. 2,187,930; Jan. 23.
Molybdenum alloy. J. Kurtz. 2,207,380; July 9.
Molybdenum and alloys of molybdenum, Making. J. H. Brennan. 2,186,447; Jan. 9.
Molybdenum composition. F. R. Hensel. 2,189,756; Feb. 13.
Molybdenum ores and products resulting therefrom, Treating. J. D. Sullivan and D. Niconoff. 2,187,468; Jan. 16.
Molybdenum, Recovery of. H. Käding. 2,191,794; Feb. 27.
Molybdenum values, Recovery of. A. W. Hixson and R. Miller. 2,202,525; May 28.
Money carrier. W. C. Voss. 2,186,943; Jan. 16.
Money rack. T. Lindner. 2,205,298; June 18.
Monitor, Automatic. W. R. Koch. 2,196,590; Apr. 9.
Monitoring system. C. N. Batsel. 2,220,198; Nov. 5.
Monoazo intermediates. M. A. Dahlen and F. Zwilgmeyer. 2,200,949; May 14.
Monogram unit. M. Chernow. 2,200,540; May 14.
Monolithic structure. E. B. White. 2,194,536; Mar. 26.
Mono-nitro-benzene compound and the manufacture thereof. H. W. Daudt and H. E. Woodward. 2,194,926; Mar. 26.
Mono-olefins to normally liquid products, Conversion of normally gaseous. K. C. Laughlin. 2,199,180; Apr. 30.
Mono-olefins, Treatment of aryl substituted. H. M. Stanley and J. B. Dymock. 2,215,569; Sept. 24.
Monorail switch. R. E. Nelles. 2,222,356; Nov. 19.
Monosaccharides and preparations of lower polyhydric alcohols therefrom, Cleaving. W. E. Hanford. 2,209,055; July 23.
Mono-sodium glutamate from gluten, Making. J. P. Bishop and F. L. Tucker. 2,214,115; Sept. 10.
Monovinylacetylene, Preparing. A. S. Carter and F. B. Downing. 2,191,068; Feb. 20.
Mooring chain, Anchor equipped. G. I. Middlebrooks. 2,191,856; Feb. 27.
Mooring device. N. U. Gundian. 2,203,433; June 4.
Mop. A. M. Anderson. 2,203,451; June 4.
Mop. D. Arioli. 2,194,214; Mar. 19.
Mop. J. D. Bates. 2,199,147; Apr. 30.
Mop. T. Casinello. 2,203,189; June 4.
Mop. J. H. Follen. 2,214,691; Sept. 10.
Mop. E. F. Lux. 2,222,368; Nov. 19.
Mop. G. M. McMullin. 2,210,944; Aug. 13.
Mop. T. A. Purvis. 2,200,808; May 14.
Mop. L. P. Rader. 2,196,837; Apr. 9.
Mop. K. S. Rogers. 2,203,106; June 4.
Mop. S. Schulman. 2,196,365; Apr. 9.
Mop. M. Veeck. 2,212,172; Aug. 20.
Mop cleaner. G. Corson. 2,192,896; Mar. 12.
Mop cleaner. J. A. Jones. 2,188,717; Jan. 30.
Mop, Collapsible. E. W. Burchell. 2,192,861; Mar. 5.
Mop, Collapsible. J. Glover. 2,192,547; Mar. 5.
Mop cleaning device. J. J. Kramer. 2,197,869; Apr. 23.
Mop, Dish. W. Tamminga. 2,187,686; Jan. 16.
Mop, Dry. F. Chase. 2,221,305; Nov. 12.
Mop, Dust. J. A. Underhill. 2,185,873; Jan. 2.
Mop head. W. G. Bailey. 2,214,519; Sept. 10.
Mop holder. T. Johnson. 2,201,732; May 21.
Mop holder. M. Raittila. 2,209,635; July 30.
Mop, Self-wringing. V. K. Cooper. 2,222,834; Nov. 26.
Mop, Self-wringing rubber. F. S. Price. 2,194,150; Mar. 19.
Mop, Water. T. F. Moore. 2,202,223; May 28.
Mop, Wringer. H. J. Camden. 2,201,079; May 14.
Mop, Wringer. C. Fatland. 2,185,502; Jan. 2.
Mop, Wringer. W. E. Williams. 2,224,462; Dec. 10.
Mortar and pestle. E. L. Chott. 2,209,386; July 30.
Mortar plaster. A. Ladwig. 2,186,532; Jan. 9.
Mortars, Preparing acidproof water-resistant. K. Dietz and K. Frank. 2,208,571; July 23.
Mortician's clamp. O. E. Davis. 2,199,949; May 7.
Mortise cylinder lock. H. Machinist. 2,194,244; Mar. 19.
Mosaic electrode manufacture. J. S. Donal, Jr.. 2,189,340; Feb. 6.
Mosaic screen. T. T. Goldsmith, Jr. 2,190,020; Feb. 13.
Mosaic spider. J. E. King and V. R. Powell. 2,189,585; Feb. 6.
Mote remover for cotton gins, Supplemental. C. E. Tucker. 2,201,933; May 21.
Mothproofing compound and method of using. L. W. Roberts. 2,225,352; Dec. 17.
Motion, Analyzing. B. B. Fogler and H. E. Grier. 2,223,849; Dec. 3.
Motion controlling mechanism. J. W. Watson. 2,199,145; Apr. 30.
Motion display device. E. C. White. 2,203,245; June 4.
Motion effects, Creating. G. Musaphia. 2,196,423; Apr. 9.
Motion-picture apparatus. H. E. Edgerton. 2,186,013; Jan. 9.
Motion picture reel mounting. E. S. Miller. 2,220,610; Nov. 5.
Motion reproducing unit. E. P. Ross. 2,197,386; Apr. 16.
Motion translating device, Rotary. A. B. Poole. 2,191,538–41; Feb. 27.
Motion transmitter. V. V. Veenschoten. 2,185,449; Jan. 2.
Motion transmitting means. R. Lapsley. 2,188,510; Jan. 30.
Motion transmitting mechanism. H. von Tavel. 2,190,900; Feb. 20.
Motion transmission system. G. Wünsch. 2,204,460; June 11.
Motobus construction. G. L. Clingerman. 2,204,926; June 18.

Motor: *See*—

Alternating current commutator motor.
Animated display motor.
Ball crank motor.
Bearing motor.
Combustion motor.
Constant speed motor.
Diesel motor.
Direct current motor.
Duplex steam motor.
Electric motor.
Electrical motor.
Electromagnetic motor.
Electromagnetic vibratory motor.
Electromagnetically driven motor.
Electrothermal motor.
Expansible chamber motor
Explosion-resisting motor.
Fluid motor.
Fluid pressure actuated motor.
Fluid pressure motor.
Fluid pressure operated motor.
Hydraulic motor.
Induction motor.
Internal combustion motor.
Liquid operated motor.
Outboard motor.
Pressure differential operated motor.
Pressure fluid motor.

Motor: *See*—
- Pump motor.
- Reciprocating hydraulic motor.
- Resistor type split phase motor.
- Rotary motor.
- Self-cleaning textile motor.
- Single phase motor
- Shaver-type motor.
- Spring motor.
- Submersible electric motor.
- Synchronous motor.
- Thyratron motor.
- Variable permeance electric motor.
- Variable speed motor.
- Wave motor.
- Wind motor.
- Windshield cleaner motor.
- Windshield wiper motor.

Motor. J. B. Kessel. 2,193,515; Mar. 12.
Motor. J. A. Mould. 2,219,816; Oct. 29.
Motor. H. L. Rusch. 2,204,774; June 18.
Motor analyzer, Visual. W. L. Bristow. 2,211,196; Aug. 13.
Motor and control mechanism, Press operating. C. S. Malott, Jr. 2,189,215; Feb. 6.
Motor and control therefor. A. Rappl. 2,217,382; Oct. 8.
Motor and pump, Combined. E. B. George. 2,212,417; Aug. 20.
Motor and pump unit, Combination. W. P. Schirmer. 2,190,246; Feb. 13.
Motor and support therefor. P. D. Cornelius. 2,224,143; Dec. 10.
Motor and the like, Rotary fluid. R. E. Grey. 2,220,095; Nov. 5.
Motor and transmission for windshield wipers. L. W. Waters. 2,221,336; Nov. 12.
Motor and transmission therefor. S. B. Gahm. 2,218,573; Oct. 22.
Motor apparatus, Reciprocating fluid. E. R. Stone. 2,201,248; May 21.
Motor application for heated compartments. W. R. Hough. 2,202,424; May 28.
Motor assembly, Electric. M. Andis. 2,219,552; Oct. 29.
Motor compressor unit. J. G. Ritter. 2,210,731; Aug. 6.
Motor-compressor unit for refrigerating apparatus. A. A. Kucher. 2,215,512; Sept. 24.
Motor construction. V. A. Hoover. 2,219,318; Oct. 29.
Motor construction. E. O. Schweitzer. 2,219,457; Oct. 29.
Motor construction, Electric. E. O. Schweitzer, Jr. 2,187,179-80; Jan. 16.
Motor control and brake mechanism. S. Buckley. 2,214,807; Sept. 17.
Motor control and signal circuit. J. O. Aalberg. 2,208,404; July 16.
Motor control apparatus, Electric. C. Brongersma. 2,205,787; June 25.
Motor control, Capacitor. A. F. Lukens. 2,193,634; Mar. 12.
Motor control, Electric. G. C. Pearce. 2,185,517; Jan. 2.
Motor control method and apparatus, Printing telegraph. P. Bernstein. 2,214,572; Sept. 10.
Motor control, Multispeed. K. Mahnke. 2,186,254; Jan. 9.
Motor control, Sealed. W. E. Renner. 2,219,199; Oct. 22
Motor control system. B. O. Austin. 2,186,227; Jan. 9.
Motor control system. B. O. Austin. 2,215,314; Sept. 17.
Motor control system. B. O. Austin and G. L. Moses. 2,200,072; May 7.
Motor control system. E. A. Binney, H. S. Pound-Corner, and H. B. Sedgfield. 2,214,606; Sept. 10.
Motor control system. J. V. Caputo. 2,206,496; July 2.
Motor control system. C. M. Hines. 2,186,785; Jan. 9.
Motor control system. C. M. Hines. 2,203,907; June 11.
Motor control system. B. W. Jones and A. H. Lauder. 2,210,412; Aug. 6.
Motor control system. A. H. Lauder. 2,210,627; Aug. 6.
Motor control system. W. Leukert. 2,205,214; June 18.
Motor control system. C. MacDonald and J. W. McNairy. 2,198,481; Apr. 23.
Motor control system. O. Schläpfer. 2,202,604; May 28.
Motor control system. F. D. Snyder. 2,196,402; Apr. 9.
Motor control system. S. H. Swarthout. 2,199,600; May 7.
Motor control system. C. P. Sweeny. 2,209,364; July 30.
Motor control system. L. A. Umansky. 2,224,619; Dec. 10.
Motor control system. C. T. Wallis. 2,199,601; May 7.
Motor control system. T. L. Weybrew. 2,215,341; Sept. 17.
Motor control system. J. R. Wrathall. 2,186,225; Jan. 9.
Motor control system, Electric. E. A. Binney, H. S. Pound-Corner and H. B. Sedgfield. 2,214,604–5; Sept. 10.
Motor control system, Electric. H. J. Coates. 2,199,098; Apr. 30.
Motor control system, Electric. E. G. Parvin. 2,193,642; Mar. 12.
Motor control system, Induction. R. A. Geuder. 2,202,419; May 28.
Motor control, System of. H. R. West. 2,213,892; Sept. 3.
Motor control system, Synchronous. J. G. Stephenson. 2,200,105; May 7.
Motor control, Variable voltage. G. E. King. 2,205,204; June 18.
Motor controller. P. B. Harwood and J. M. Newman. 2,214,020; Sept. 10.
Motor controller, Electric. D. F. Hastings. 2,193,964; Mar. 19.
Motor controlling device. J. Salmen. 2,224,276; Dec. 10.
Motor cooling control. D. B. Dewey. 2,225,209; Dec. 17.
Motor drive. C. C. Castillo. 2,216,906; Oct. 6.
Motor drive, Electric. J. W. Corey and A. M. MacCutcheon. 2,198,863; Apr. 30.
Motor drive, Starting. W. F. Schultz. 2,224,935; Dec. 17.
Motor drive, Variable speed. L. A. Kilgore. 2,201,006; May 14.
Motor drive, Variable speed electric. G. T. Pfleger. 2,211,986; Aug. 20.
Motor driven pump. S. B. Gahm. 2,215,873; Sept. 24.
Motor driven switch. K. Müller. 2,200,803–4; May 14.
Motor driven vehicle. C. S. Brown. 2,207,780; July 16.
Motor, Electric. C. Desoutter. Re. 21,578; Sept. 24.
Motor for attrition mills, Electric driving. C. R. Dimm and J. H. Kahler, Jr. 2,216,611; Oct. 1.
Motor for pressing soles on shoes, Fluid. S. J. Finn. 2,213,244; Sept. 3.
Motor for signaling devices, Oscillating. H. Gardner and J. F. Jaworowski. 2,226,166; Dec. 24.
Motor for timing mechanism, Electrical. S. Zullo. 2,205,077; June 18.
Motor frame, Railway. E. O. Mueller and D. B. Charters. 2,205,219; June 18.
Motor frames, Fabrication of electric. W. A. Brecht. 2,208,408; July 16.
Motor fuel. A. N. Sachanen and A. W. Francis. 2,211,732; Aug. 13.
Motor generator suspension. E. H. Piron. 2,210,097; Aug. 6.
Motor head handle. D. L. Bowen. 2,193,054; Mar. 12.
Motor jack. W. J. Nelson. 2,221,843; Nov. 19.
Motor lubricating device. L. Persson and M. Westling. 2,225,539; Dec. 17.
Motor mechanism. J. J. Thaisz. 2,189,258; Feb. 6.
Motor mounting. R. K. Lee. 2,198,672; Apr. 30.
Motor mounting. J. J. McCabe and P. E. Frantz. 2,185,215; Jan. 2.
Motor mounting, Resilient. J. A. Castricone. 2,188,807; Jan. 30.
Motor operated generator, Fluid velocity. J. F. Wippel. 2,215,895; Sept. 24.
Motor operated mechanism. W. J. McGoldrick. 2,195,219; Mar. 26.
Motor operated mechanism. S. C. Shipley and B. Cyr. 2,222,990; Nov. 26.
Motor or pump, Hydraulic. G. A. Wahlmark. 2,190,812; Feb. 20.
Motor or pump, Rotary hydraulic. G. A. Wahlmark. 2,193,503; Mar. 12.
Motor plant, Inboard. L. J. and H. L. Johnson. 2,209,302; July 23.
Motor pump, Series submersible. A. Hollander. 2,221,798; Nov. 19.
Motor pump, Submersible. A. Hollander. 2,196,462; Apr. 9.
Motor reducer unit. N. H. Mageoch. 2,222,716; Nov. 26.
Motor reversing mechanism, Fluid operated. M. V. E. Thompson. 2,187,549; Jan. 16.
Motor shutoff. C. A. Koerner. 2,225,175; Dec. 17.
Motor starting organization and friction disk clutch for the same. R. H. Anderson. 2,198,984; Apr. 30.
Motor starting system. S. B. Griscom. 2,210,714; Aug. 6.
Motor structure, Synchronous electric. A. B. Poole. 2,191,221; Feb. 20.
Motor structure, Unitary variable-speed geared. C. E. Johnson. 2,193,251; Mar. 12.
Motor support. J. J. Janca. 2,185,375; Jan. 2.
Motor support. E. H. Piron. 2,197,081; Apr. 16.
Motor suspension. F. L. Alben. 2,196,406; Apr. 9.
Motor system. C. P. Sweeny. 2,225,935; Dec. 24.
Motor system, Elevator. L. J. Adams. 2,214,154; Sept. 10.
Motor unit, Portable pump and electric. K. Gettwart and H. Schmidt. 2,221,635; Nov. 12.
Motor vehicle. F. C. Best. 2,190,227; Feb. 13.
Motor vehicle. F. C. Best. 2,195,507; Apr. 2.
Motor vehicle. F. C. Best. 2,199,036; Apr. 30.
Motor vehicle. F. C. Best. 2,199,517; May 7.
Motor vehicle. F. C. Best. 2,203,290–1; June 4.
Motor vehicle. F. C. Best. 2,218,634; Oct. 22.
Motor vehicle. F. C. Best. 2,226,656; Dec. 31.
Motor vehicle. J. M. Christman. 2,209,259; July 23.
Motor vehicle. S. Eliot. 2,202,689; May 28.
Motor vehicle. H. A. Flogaus. 2,185,842; Jan. 2.
Motor vehicle. H. A. Flogaus. 2,191,526; Feb. 27.
Motor vehicle. H. Ford. 2,214,456; Sept. 10.
Motor vehicle. F. M. Guy. 2,195,647; Apr. 2.
Motor vehicle. G. H. Hooper. 2,213,912; Sept. 3.
Motor vehicle. P. Klotsch. 2,206,901; July 9.
Motor vehicle. E. Komenda. 2,227,142; Dec. 31.
Motor vehicle. H. B. Lewis, B. Burns, A. E. Elmore, and E. F. Salsbury. 2,225,914; Dec. 24.
Motor vehicle. C. F. Megow. 2,200,798; May 14.
Motor vehicle. P. N. Miller. 2,202,113; May 28.
Motor vehicle. C. R. Paton. 2,190,218; Feb. 13.
Motor vehicle. C. R. Paton. 2,216,959; Oct. 8.
Motor vehicle. C. R. Paton. 2,221,488; Nov. 12.

Motor vehicle. H. Perkins. 2,212,453; Aug. 20.
Motor vehicle. E. G. Reid. 2,206,202; July 2.
Motor vehicle. F. W. Slack. 2,198,680; Apr. 30.
Motor vehicle. F. M. Smith. 2,205,636; June 25.
Motor vehicle. O. A. Steinmann. 2,219,828; Oct. 29.
Motor vehicle. J. N. H. Tait and W. M. Blagden. 2,217,572; Oct. 8.
Motor vehicle. M. Tibbetts. 2,186,505; Jan. 9.
Motor vehicle. M. Tibbetts. 2,193,949; Mar. 19.
Motor vehicle. J. Tjaarda. 2,198,352–4; Apr. 23.
Motor vehicle. J. Tjaarda. 2,208,709; July 23.
Motor vehicle. C. C. Utz. 2,201,250; May 21.
Motor vehicle. C. W. Van Ranst. 2,201,252; May 21.
Motor vehicle. J. G. Vincent. 2,190,224; Feb. 13.
Motor vehicle. P. Wiebicke. 2,206,342; July 2.
Motor vehicle. O. Windberger. 2,195,688; Apr. 2.
Motor vehicle. A. M. Wolf. 2,224,562; Dec. 10.
Motor winding, Variable pole-number three-phase. H. Trassl. 2,217,460; Oct. 8.
Motors and generators, Assembling electric. A. M. Cristiano and F. M. Reibold. 2,226,398; Dec. 24.
Motors, Means for cleaning. J. S. Mulvaney. 2,222,513; Nov. 19.
Motorcycle and the like. T. P. Judd. 2,187,238; Jan. 16.
Motorcycle fork. R. Schleicher. 2,223,187; Nov. 26.
Motorcycle trailer hitch. V. T. Rea. 2,212,958; Aug. 27.
Motorized bed for vascular exercise. H. H. Howell and R. E. Rutledge. 2,211,542; Aug. 13.
Motorscope. A. B. Nash. 2,196,936; Apr. 9.
Mount construction for incandescent lamps. C. Wiener. 2,225,090; Dec. 17.
Mount for chemical mortars, Motorized. R. H. Tate. 2,197,816; Apr. 23.
Mount for direction indicating instruments, Antivibration. F. D. Braddon. 2,213,832; Sept. 3.
Mount for electron discharge devices. C. P. Vogel. 2,187,107; Jan. 16.
Mount, Gun. R. J. Lennon. 2,199,410; May 7.
Mount, Hypodermic needle. S. J. Everett. 2,219,089; Oct. 22.
Mount making machine. F. B. Iden. 2,199,852; May 7.
Mount means, Yieldable. A. P. Armington. 2,202,940; June 4.
Mount, Objective. D'A. A. Young, Jr. 2,203,660; June 4.
Mount, Ordnance. B. S. Elset. 2,215,580; Sept. 24.
Mount, Machine gun. G. Ironside. 2,210,538; Aug. 6.
Mount, Resilient motor. H. G. Reibel. 2,209,477; July 30.
Mount. Tube drawing nib. E. W. Engle and H. B. Duncan. 2,220,757; Nov. 5.
Mount, Typewriter desk. W. M. Fritch. 2,200,919; May 14.
Mount, View finder. H. Nagel. 2,191,035; Feb. 20.
Mount, Wheel and tire. J. E. Gillespie. 2,187,557; Jan. 16.
Mounting: *See*—
Bearing mounting.
Bed guard mounting.
Bicycle sprocket mounting.
Binder mounting.
Blade mounting.
Brace mounting.
Brake shoe mounting.
Brushholder mounting.
Bulldozer mounting.
Bumper mounting.
Camera mounting.
Carrier mounting.
Clock housing and receptacle mounting.
Coil mounting.
Combination dresser mounting.
Compressor mounting.
Condenser mounting.
Cotton gin breast mounting.
Cutter mounting.
Cylinder lock mounting.
Dashboard fuse mounting.
Doll eye mounting.
Door handle mounting.
Dual rim mounting.
Dump vehicle body mounting.
Electric circuit control mounting
Electrode mounting.
Electron tube mounting.
Engine cylinder mounting.
Engine mounting.
Fan mounting.
Fender skirt mounting.
Ferrule mounting.
Fingerpiece mounting.
Fishhook mounting.
Fuel tank and seat mounting.
Fuse mounting.
Gauge diaphragm mounting.
Gear mounting.
Gin breast front mounting.
Guide mounting.
Gun mounting.
Hacksaw blade mounting.
Lamp mounting.
Lens mounting.
Light emitting element mounting.
Memorial table mounting.
Meter mounting.
Motion picture reel mounting.
Motor mounting.
Ophthalmic mounting.
Packing gland mounting.
Plow disk mounting.
Pole mounting.
Power-drive mounting.
Printing plate mounting.
Reel mounting.
Refrigerator unit mounting
Resilient mounting.
Robe rail mounting.
Roll neck bearing mounting.
Rubber mounting.
Screen mounting.
Servomotor mounting.
Shaft bearing mounting.
Sign mounting.
Spare tire mounting.
Spectacle mounting.
Spindle mounting.
Swing jaw mounting.
Table leg mounting.
Tank mounting.
Telescope sight mounting.
Theftproof roadlight mounting.
Torsion rod mounting.
Turbosupercharger mounting.
Universal mounting.
Vehicle wheel mounting.
Vise mounting.
Wheel mounting.
Yarder mounting.
Mounting and closure for handbag purses or similar articles, Combined. G. Landberg. 2,223,627; Dec. 3.
Mounting and flashing getter. L. Sutherlin. 2,222,005; Nov. 19.
Mounting and hinge construction, Door. G. J. Mercer. 2,209,659; July 30.
Mounting and slide operating means, Curtain and drape. A. Marchand. 2,185,305; Jan. 2.
Mounting and the like, Electric translation device. D. K. Wright and F. H. Weston. 2,201,874; May 21.
Mounting apparatus and method, Engine unit transportation. C. S. Lord. 2,198,674; Apr. 30.
Mounting block for rubber stamps. E. W. Morse. 2,195,994; Apr. 2.
Mounting device. C. Paulson. 2,201,344; May 21.
Mounting device for boiler casings. W. J. Kunz and J. P. Carey. 2,223,215; Nov. 26.
Mounting, Engine. W. E. Stitz. Re. 21,328; Jan. 16.
Mounting for a range light, Adjustable. E. H. Lockwood. 2,210,681; Aug. 6.
Mounting for abrasive wheels, Resilient. P. L. Kuzmick. 2,187,350; Jan. 16.
Mounting for automobile radio controls. E. O. Hirt. 2,208,512; July 16.
Mounting for binders, Resilient. O. V. Payne. 2,207,107; July 9.
Mounting for brake shoes, Adjustable. W. F. Boldt. 2,206,657; July 2.
Mounting for cam head seaming apparatus, Roller. A. L. Kronquest and O. A. Schmitt. 2,216,082; Sept. 24.
Mounting for cards, photographs, and the like. A. A. Ainsworth. 2,204,098; June 11.
Mounting for electric fixtures. A. K. Sutherland. 2,209,008; July 23.
Mounting for electric motors, Adjustable. C. G. H. Anderson and I. K. Fog. 2,202,413; May 28.
Mounting for electrical apparatus. J. F. Nielsen. 2,185,562; Jan. 2.
Mounting for frames in building walls. D. T. Downes. 2,190,354; Feb. 13.
Mounting for grip cords. A. Rydquist. Re. 21,327; Jan. 16.
Mounting for guns, Telescope. J. H. Redfield. 2,187,054; Jan. 16.
Mounting for hand telephones. F. Gienger. 2,215,874; Sept. 24.
Mounting for hand telephones. H. F. Obergfell. 2,194,806; Mar. 26.
Mounting for hand telephones. H. Sengebusch. 2,194,772; Mar. 26.
Mounting for hand telephones. H. Sengebusch. 2,194,813; Mar. 26.
Mounting for hand telephones. H. Sengebusch. 2,215,860; Sept. 24.
Mounting for illuminated globes. E. A. Peterson. 2,192,149; Feb. 27.
Mounting for instruments, Chart. J. D. Cunningham. 2,185,294; Jan. 2.
Mounting for Jacquard cylinders. H. V. Foster. 2,204,484; June 11.
Mounting for land vehicles, Wheel. J. G. Lindeman. 2,197,273; Apr. 16.
Mounting for maps and the like. L. E. Vogt. 2,190,438; Feb. 13.
Mounting for mirrors. L. H. Lehman. 2,204,862; June 18.
Mounting for mower mechanism. R. W. Wagner. 2,204,335; June 11.
Mounting for oscillating members. K. and H. Schröter. 2,203,619; June 4.
Mounting for panels. L. G. Hunter. 2,213,315; Sept. 3.
Mounting for power tool. T. L. Hedgpeth. 2,188,595; Jan. 30.
Mounting for printing machine color pans. H. L. Babson. 2,206,712; July 2.
Mounting for raising and lowering bifocal lenses, Adjustable nose pad. L. J. Page. 2,189,961; Feb. 13.
Mounting for rear view mirrors. C. E. Morley. 2,212,033; Aug. 20.
Mounting for recriprocating engines, Flexible. A. Taub. 2,214,942; Sept. 17.
Mounting for rolls or the like, Shaft. C. L. Taylor. 2,190,371; Feb. 13.
Mounting for signs. J. D. Hinr. 2,213,393; Sept. 3.
Mounting for sliding machine elements. C. E. Kraus. 2,196,215; Apr. 9.
Mounting for swinging closures. G. Pariot. 2,191,900; Feb. 27.
Mounting for telescope gun sight. J. Unertl. 2,208,913; July 23.
Mounting for telescope sight. E. R. Gilbert. 2,193,094; Mar. 12.
Mounting for tumbler washers and the like. A. E. Tapscott and H. J. Tapscott. 2,215,279; Sept. 17.
Mounting for tuning elements. J. C. Smith. 2,193,115; Mar. 12.
Mounting for vehicle control means. D. B. Baker, C. R. Rogers, and W. O. Bechman. 2,214,806; Sept. 17.
Mounting for vehicle wheels. A. Ronning. 2,222,857; Nov. 26.
Mounting for vehicles, Compensating wheel. G. L. Larison. 2,199,409; May 7.
Mounting for vehicles, Spring. G. L. Larison. 2,206,359; July 2.
Mounting for watchcases. C. D. Kaufmann. 2,219,277; Oct. 22.

Mounting for watchcases, Detachable. C. D. Kaufmann. 2,191,020; Feb. 20.
Mounting for whip rolls. O. V. Payne. 2,207,106; July 9.
Mounting for wind charging units. J. R. Albers. 2,204,462; June 11.
Mounting for X-ray intensifying screens. H. J. Dietz. 2,193,021; Mar. 12.
Mounting means for doors. J. L. Taylor. 2,219,344; Oct. 29.
Mounting means for light sources. O. J. Moehler. 2,211,605; Aug. 13.
Mounting means, Ornamental member. G. A. Lyon. 2,193,105; Mar. 12.
Mounting, Spectacle. J. A. Sweeney. Re. 21,574; Sept. 17.
Mouse or rat trap. O. R. Booth. 2,215,028; Sept. 17.
Mouse trap. F. J. George. 2,195,484; Apr. 2.
Mouse trap. F. Heldman. 2,216,644; Oct. 1.
Mouth fresher and dental cleanser implement. L. K. Boysen. 2,218,738; Oct. 22.
Mouthpiece, Cigarette. G. Davidson. 2,202,839; June 4.
Mouthpiece facing machine. H. H. Canterbury. 2,225,154; Dec. 17.
Mouthpiece for smoking pipes. J. Widmer. 2,202,182; May 28.
Movable carrier for winding bobbins in winding frames. E. Hamel. 2,212,776; Aug. 27.
Movable conductor support. N. J. Peters. 2,205,665; June 25.
Movable support. B. Ames. 2,224,246; Dec. 10.
Movement-producing device. L. K. Davis. 2,204,791–2; June 18.
Movements and sounds, Producing concomitant. M. S. Ducout. 2,225,164; Dec. 17.
Mover, pump, compressor, and the like, Rotary prime. S. Wentworth. 2,197,959; Apr. 23.
Moving illustration. J. Wehr. 2,192,763; Mar. 5.
Moving matter, Method of and apparatus for treating. A. J. N. Duclos. 2,214,016; Sept. 10.
Mower. R. D. Clemson. 2,185,833; Jan. 2.
Mower. W. J. Coultas. 2,225,156; Dec. 17.
Mower. A. G. Fahnestock. 2,188,110; Jan. 23.
Mower. T. B. Harwell. 2,202,774; May 28.
Mower. P. B. Humphrey. 2,194,752; Mar. 26.
Mower. R. S. Kinkead. 2,214,501; Sept. 10.
Mower. R. S. Kinkead. 2,225,119; Dec. 17.
Mower. N. M. Rieger. 2,219,494; Oct. 29.
Mower. B. H. Urschel. 2,225,139; Dec. 17.
Mower attachment. J. P. Byrne, Jr. 2,202,443; May 28.
Mower attachment, Lawn. C. O. Todd. 2,190,578; Feb. 13.
Mower, Automatic electric lawn. P. Chernow. 2,185,659; Jan. 2.
Mower, Center drive take-off. J. S. Clapper. 2,214,162; Sept. 10.
Mower driving head. D. D. Rogers. 2,214,777; Sept. 17.
Mower, Lawn. H. R. Banta. 2,218,865; Oct. 22.
Mower, Lawn. J. D. Bobbroff. 2,214,116; Sept. 10.
Mower, Lawn. G. L. Briggs. 2,199,280; Apr. 30.
Mower, Lawn. R. Burckes. 2,220,705; Nov. 5.
Mower, Lawn. E. S. George. 2,209,309; July 30.
Mower, Lawn. F. L. Gillan. 2,208,577; July 23.
Mower, Lawn. W. W. Gore. 2,192,468; Mar. 5.
Mower, Lawn. C. Iverson. 2,200,368; May 14.
Mower, Lawn. H. Junge. 2,203,198; June 4.
Mower, Lawn. H. C. Limbach. 2,199,919; May 7.
Mower, Lawn. A. F. Moyer. 2,204,255; June 11.
Mower, Lawn. T. C. Newton. 2,189,434; Feb. 6.
Mower, Lawn. C. Patterson and E. Patterson. 2,214,537; Sept. 10.
Mower, Lawn. P. F. Petersen. 2,210,002; Aug. 6.
Mower, Lawn. H. E. Rahn. 2,210,217; Aug. 6.
Mower, Lawn. J. L. Scott. 2,194,617; Mar. 26.
Mower, Motor-driven flexible driven. E. H. Picha. 2,207,353; July 9.
Mower, Power. A. F. Moyer. 2,204,254; June 11.
Mower, Power. L. B. Roth. 2,191,135; Feb. 20.
Mower, Power. G. E. and J. E. Thompson. 2,195,831; Apr. 2.
Mower, Power gang lawn. G. F. Bishop and A. F. Moyer. 2,204,244; June 11.
Mower, Power lawn. A. R. Cooper. 2,226,896; Dec. 31.
Mower sharpening tool, Lawn. B. A. Stuart. 2,203,551; June 4.
Mower structure, Lawn. A. R. Cooper. 2,197,264; Apr. 16.
Mower, Tractor. C. Pearson. Re. 21,636; Nov. 26.
Mowing implement. J. S. Clapper. 2,191,426; Feb. 20.
Mowing implement. A. E. Schmidt. 2,204,914; June 18.
Mowing machine. F. P. Martin. 2,187,981; Jan. 23.
Mowing machine. W. H. Roll. 2,186,126; Jan. 9.
Mowing machine. R. W. Wagner. 2,204,333; June 11.
Mowing machine for bent turfs. E. Picha. 2,204,256; June 11.
Mowing structure. R. W. Wagner. 2,204,334; June 11.
Mucin and producing same, Silver animal. H. J. Schneiderwirth. 2,194,677; Mar. 26.
Mucking machine. A. R. Biedess. 2,208,205; July 16.
Mucking machine. A. R. Biedess. 2,213,684; Sept. 3.
Mud box. W. J. Miller. 2,214,428–9; Sept. 10.
Mud conditioner and method, Well drilling. J. W O'Brien. 2,195,752; Apr. 2.
Mud, Method and apparatus for filtering and dehydrating drilling. E. E. Huebotter. 2,218,533; Oct. 22.
Mud screen. K. G. Symons. 2,192,278; Mar. 5.
Mud, Treating rotary. V. B. Zacher. 2,212,108; Aug. 20.
Mud treatment process, Rotary. C. J. Brown and J. C. Haun. 2,225,973; Dec. 24.
Muds, Process and device for treating. E. Wiemer. 2,219,435; Oct. 29.
Mudguard, Vehicle. W. C. Wilson. 2,197,328; Apr. 16.
Muff, Ear. L. E. McDonough. 2,216,954; Oct. 8.
Muffler. R. O., S., and F. Berg. 2,186,062; Jan. 9.
Muffler. R. L. Brooks. 2,190,396; Feb. 13.
Muffler. H. H. Boyce. 2,185,584; Jan. 2.
Muffler. L. G. Hector and H. L. Schultz. 2,194,550; Mar. 26.
Muffler. C. Hollerith and B. B. Cary. 2,193,791; Mar. 19.
Muffler. R. J. MacKenzie and L. L. Haas. 2,188,202; Jan. 23.
Muffler. R. J. MacKenzie, L. L. Haas, and G. C. Starkweather. Re. 21,324; Jan. 16.
Muffler. W. Munzer. 2,218,063; Oct. 15.
Muffler. J. Nield and C. A. Saylor. 2,206,259; July 2.
Muffler. B. G. Robbins. 2,199,164; Apr. 30.
Muffler. W. T. Scarritt. 2,213,614; Sept. 3.
Muffler. Z. Wilman. 2,185,489; Jan. 2.
Muffler. M. G. Zinsitz. 2,205,024; June 18.
Muffler construction. B. B. Cary. 2,194,457; Mar. 26.
Muffler, Fluid. H. McCurdy. 2,225,650; Dec. 24.
Muffler, Pulsation bleeding control. H. McCurdy. 2,222,876; Nov. 26.
Muffler, Suction. U. Sauer. 2,216,653; Oct. 1.
Muffler, Vacuum cleaner. A. E. Norris. Re. 21,519; July 30.
Mufflers, Assembling. H. S. Powell. 2,187,431; Jan. 16.
Mug, Shaving. J. T. East. 2,215,691; Sept. 24.
Mule spinning device. R. A. Gard. 2,219,685; Oct. 29.
Mulling apparatus. E. A. Hund. 2,200,825; May 14.
Mulling apparatus. W. F. Piper. 2,200,806; May 14.
Multicolor printing press. J. F. Loughery. 2,205,216; June 18.
Multideck screen. D. M. Ramsey. 2,226,503; Dec. 24.
Multiglazing. P. E. Knudsen. 2,219,688; Oct. 29.
Multiphase converting device, Method and apparatus for putting into operation a. F. Koppelmann. 2,225,644; Dec. 24.
Multiple compartment container. F. A. Gillice. 2,211,326; Aug. 13.
Multiple connector. W. P. Herman. 2,226,433; Dec. 24.
Multiple expansion engine. S. L. G. Knox. 2,193,822; Mar. 19.
Multiple filament lamp. O. B. Paine. 2,217,134; Oct. 8.
Multiple garment hanger. G. L. Russell and E. F. Lindahl. 2,191,401; Feb. 20.
Multiple hearth calcining furnace. R. H. Abbott, T. A. Dickson and J. W. Bucher. 2,225,199; Dec. 17.
Multiple-operation tool, Automatic non-stop longitudinal and lateral. E. Gairing. 2,195,645; Apr. 2.
Multiple pump. W. H. Robertson. 2,208,055; July 16.
Multiple tool holder. K. Müller. 2,202,117; May 28.
Multiple tool holder. E. Reinfeld. 2,210,339; Aug. 6.
Multiple unit double casing pump. A. Hollander. 2,216,315; Oct. 1.
Multiple unit filter. E. J. Cantin. 2,220,706; Nov. 5.
Multiple unit propulsion and breaking control apparatus. F. H. Nicholson and J. W. Logan, Jr. 2,215,357; Sept. 17.
Multiple unit radio tube. A. Feindel. 2,213,162; Aug. 27.
Multiple vacuum tube. W. Soller. 2,210,010; Aug. 6.
Multiplier, Electron. E. W. Pike, J. A. Rajchman, and R. L. Snyder, Jr. 2,198,227; Apr. 23.
Multiply counter. F. L. Ayers. 2,212,580; Aug. 27.
Multiplying device. W. T. Lang. 2,196,996; Apr. 16.
Multiplying machine. J. W. Bryce and A. H. Dickinson. 2,199,656; May 7.
Multiplying machine. C. Campbell. 2,199,537; May 7.
Multiplying machine. J. M. Cunningham. 2,217,158; Oct. 8.
Multiplying machine. J. M. Cunningham and R. A. Rowley. 2,195,850; Apr. 2.
Multiplying machine. W. Lang. 2,192,599; Mar. 5.
Multiplying machine. W. Lang and G. B. Heddendorf. 2,192,612; Mar. 5.
Multiplying machine. W. Lang and G. B. Heddendorf. 2,213,565; Sept. 3.
Multiplying machine. W. L. Maxson and P. J. McLaren. 2,194,477; Mar. 26.
Multiplying machine. N. M. Wood. 2,185,697; Jan. 2.
Multiport valve. C. T. McGill. 2,209,991; Aug. 6.
Multiport valve. C. T. McGill. 2,209,993; Aug. 6.
Multiport valve, Rotary type. E. P. McCanna. 2,209,989; Aug. 6.
Multiport valve, Rotary type. C. T. McGill. 2,209,994; Aug. 6.
Multipower driving vehicle. H. Kother. 2,210,675; Aug. 6.
Multipurpose tool. A. M. Hexdall. 2,195,568; Apr. 2.
Multiscale indicator. E. S. Maris. 2,193,107; Mar. 12.
Multistage regulator. H. W. Jones and W. J. Jacobsson. 2,195,728; Apr. 2.

Multitube pipe. W. Greenstein. 2,220,761; Nov. 5.
Multiunit tube. H. E. Fracker. 2,219,590; Oct. 29.
Muntin bar structure. E. A. Schottenberg. 2,193,299; Mar. 12.
Muntin bar structures, Producing. E. A. Schottenberg. 2,193,298; Mar. 12.
Muscle contracting apparatus. R. E. G. Dewar. 2,218,701; Oct. 22.
Mushroom mycelium, Growth of. B. B. Stoller. 2,189,303; Feb. 6.
Music, Method and apparatus for the production of. C. T. Jacobs. 2,224,965; Dec. 17.
Music, Method and apparatus for the production of. B. F. Miessner. 2,187,611-12; Jan. 16.
Music note pitch teaching device. M. J. Fields and C. Zuercher. 2,189,359; Feb. 6.
Music, Production of. W. F. Curtis. Re. 21,554; Sept. 10.
Music rack. R. E. Byrne. 2,225,548; Dec. 17.
Music stand. G. E. Hall. 2,188,602; Jan. 30.
Musical instrument. H. M. Brockway. 2,199,948; May 7.
Musical instrument. E. W. Davis. 2,193,060; Mar. 12.
Musical instrument. H. E. Firestone. 2,194,545; Mar. 26.
Musical instrument. B. N. Fomeen. 2,222,223; Nov. 19.
Musical instrument. L. Hammond. 2,203,569; June 4.
Musical instrument. J. A. Koehl. 2,221,097; Nov. 12.
Musical instrument. J. Manatt. 2,227,100; Dec. 31.
Musical instrument. H. Moertel. 2,186,424; Jan. 9.
Musical instrument. V. J. Mohler. 2,187,910; Jan. 23.
Musical instrument. S. N. Montegrande. 2,210,374; Aug. 6.
Musical instrument. R. B. Quattrociocche. 2,204,150; June 11.
Musical instrument. W. F. Rebsamen. 2,195,521; Apr. 2.
Musical instrument. E. E. Reid. 2,221,814; Nov. 14.
Musical instrument. J. H. Reuther. 2,203,393; June 4.
Musical instrument. E. Sander. 2,227,230; Dec. 31.
Musical instrument. H. J. P. Skinner. 2,185,932; Jan. 2.
Musical instrument. J. S. Sumner. 2,194,332; Mar. 19.
Musical instrument. W. T. Tillery. 2,214,314; Sept. 10.
Musical instrument. H. N. White. 2,194,513; Mar. 26.
Musical instrument. H. N. White. 2,219,434; Oct. 29.
Musical instrument and assembling the same. H. Pullen. 2,200,430; May 14.
Musical instrument and valve action therefor. N. Einhorn. 2,211,770; Aug. 20.
Musical instrument bridge. C. H. Larisch. 2,196,531; Apr. 9.
Musical instrument, Electric. W. F. Curtis. 2,227,068; Dec. 31.
Musical instrument, Electrical. G. W. Demuth. 2,220,709; Nov. 5.
Musical instrument, Electrical. G. W. Demuth. 2,225,299; Dec. 17.
Musical instrument, Electrical. T. J. George. 2,203,432; June 4.
Musical instrument, Electrical. T. J. George. 2,211,540; Aug. 13.
Musical instrument, Electrical. L. Hammond. 2,214,764; Sept. 17.
Musical instrument, Electrical. L. Hammond. 2,216,513; Oct. 1.
Musical instrument, Electrical. L. Hammond. 2,224,729; Dec. 10.
Musical instrument, Electrical. L. Hammond and H. E. Meinema. 2,221,188; Nov. 12.
Musical instrument, Electrical. B. Helberger. 2,201,232; May 21.
Musical instrument, Electrical. F. Ropohl. 2,215,056; Sept. 17.
Musical instrument, Electrical. V. H. Severy. 2,187,251; Jan. 16.
Musical instrument, Electrically amplified controlled stringed. D. J. Dickerson. 2,207,341; July 9.
Musical instrument for playing bugle calls. Z. Swanson. 2,209,427; July 30.
Musical instrument, Multiple neck stringed. F. N. Stathopoulo. 2,222,959; Nov. 26.
Musical instrument of the flute type. B. E. Walberg. 2,202,410; May 28.
Musical instrument, Stringed. H. Benioff. 2,222,057; Nov. 19.
Musical instrument, Stringed. L. A. Loar. 2,185,734; Jan. 2.
Musical instrument strings, Fastening and tuning. W. W. Nelson. 2,216,601; Oct. 1.
Musical instrument, Wind. E. Z. Hall. 2,201,897; May 21.
Musical instruments, Adjustable tailpiece for stringed. G. R. Miller. 2,207,628; July 9.
Musical instruments, Mechanical action for. C. Schulze. 2,214,112; Sept. 10.
Musical system. A. A. Kucher. 2,223,489; Dec. 3.
Musical tones by electrostatic means, Electrical production of. A. H. Midgley. 2,207,489; July 9.
Musical tuning instrument. K. N. Bergan. 2,207,450; July 9.
Mute for violins. H. L. Van Ham. 2,198,297; Apr. 23.
Muting control system. L. Kirkwood and P. F. G. Holst. 2,197,933; Apr. 23.
Muzzle weaner. C. T. Wheat. 2,224,418; Dec. 10.
N-acylurethanes and their manufacture. K. Engel and K. Pfaehler. 2,221,914; Nov. 19.
N-alkyl-C-methyl-barbituric acid compounds. W. Kropp and L. Taub. 2,206,779; July 2.
N-dihydro-azine compounds of the anthraquinone series and preparing them. G. Kränzlein, E. Diefenbach, and F. Eggert. 2,191,855; Feb. 27.
N-methylsulphites and N-methanesulphinic acid salts of 1-aryl-2,3-dialkyl-4-alkylaminopyrazolones. M. Bockmühl, W. Krohs, F. Racke, and K. Windisch. 2,193,788; Mar. 19.
N:N-dialkyl-2:2'-dipyrazolanthronyls. J. Koch and M. Bommer. 2,226,062; Dec. 24.
N-poly-hydroxy-alkyl-arylamines. P. L. Salzberg. 2,193,433; Mar. 12.
N-substituted alkylol amines, Preparation of. O. W. Cass and R. T. K'Burg. 2,194,294; Mar. 19.
N-substituted alkylol amines, Preparation of. R. W. Maxwell. 2,194,314; Mar. 19.
N-substituted lutidones, Preparation of. A. B. Boese, Jr. 2,185,243; Jan. 2.
N-substituted sulphamate. H. S. Holt. 2,188,351; Jan. 30.
N-substitution products of melamine, Producing. K. Keller and E. Korten. 2,222,350; Nov. 19.
N-tertiary amino acyclic carboxylic acids and their salts, Manufacture of. W. S. Calcott, L. Spiegler, and J. M. Tinker. 2,203,009; June 4.
Nail and cuticle conditioning device. M. A. Brandt. 2,226,842; Dec. 31.
Nail and fracture nail driver, Fracture. W. D. Friddle. 2,187,852; Jan. 23.
Nail and machine for making same, Fracture. J. W. Price. 2,222,517; Nov. 19.
Nail-attaching machine. J. Gouldbourn and T. A. Kestell. 2,193,195; Mar. 12.
Nail covering, Protective. A. Litt. 2,209,408; July 30.
Nail driver. J. Fleischman. 2,199,833; May 7.
Nail driver. R. J. Stehlik. 2,222,125; Nov. 19.
Nail expansion. H. W. Pleister. 2,219,788; Oct. 29.
Nail for fastening sheeting. R. L. Engle. 2,203,294; June 4.
Nail guide, Fracture. W. W. Nauth. 2,200,120; May 7.
Nail, Lock. J. L. Pauze. 2,190,883; Feb. 20.
Nail machine and nail manufacturing. J. A. Rice. 2,216,049; Sept. 24.
Nail, Nonsplit. M. E. Miller. 2,212,787; Aug. 27.
Nail or spike. E. E. Roberts. 2,222,338; Nov. 19.
Nail polish. R. J. Anderson. 2,215,898; Sept. 24.
Nail polish protector. R. S. Carmichael. 2,223,204; Nov. 26.
Nail puller. P. Brancati. 2,196,351; Apr. 9.
Nailing machine. N. Eisenstein. 2,214,738; Sept. 17.
Nailing machine. W. F. Harriett. 2,197,363; Apr. 16.
Nailing machine. E. V. Patterson and C. A. Macy. 2,188,117; Jan. 23.
Nailing machine. W. H. Thedford and W. F. Harriett. 2,197,371; Apr. 16.
Naphthalene, Crystallizing. S. P. Miller. 2,207,752; July 16.
Naphthalene derivative, Manufacture of. W. Salzer. 2,223,664; Dec. 3.
Naphthalene, Manufacture of. A. V. Grosse and W. J. Mattox. 2,212,018; Aug. 20.
Naphthalene, Production of. A. N. Sachanen and A. W. Francis. 2,194,449; Mar. 19.
Naphthol compound and preparing same, Water soluble. W. L. Walsh and W. H. von Glahn. 2,190,747; Feb. 20.
Naphthol compounds and preparing same, Water soluble. W. H. von Glahn. 2,190,746; Feb. 20.
Napkin. P. J. Christman. 2,211,494; Aug. 13.
Napped elastic fabric. H. C. Martin. 2,194,860; Mar. 26.
Napping machine. W. H. Merriman. 2,225,878; Dec. 24.
Narrow fabric. B. J. Goldsmith. 2,200,882; May 14.
Narrow ware loom. T. Martin. 2,221,146; Nov. 12.
Narrowing mechanism for flat knitting machines. H. J. Straussberger. 2,221,291; Nov. 12.
Nasal drops. S. H. Fox. 2,222,976; Nov. 26.
Nasal filter. H. E. Clarke. 2,198,959; Apr. 30.
Nasal pack. J. H. McMillin. 2,215,126; Sept. 17.
Navigating machine, Aerial. H. A. Droitcour. 2,192,300; Mar. 5.
Navigation apparatus. P. Sordoillet. 2,199,763; May 7.
Navigation instrument. W. D. Hazlett. 2,206,895; July 9.
Navigation instrument. H. W. Slauson. 2,223,428; Dec. 3.
Navigation method and apparatus. P. J. Holmes. 2,198,113; Apr. 23.
Navigational control means. C. J. Crane and R. K. Stout. 2,194,217; Mar. 19.
Navigational guide system. J. H. Hammond, Jr. 2,194,548; Mar. 26.
Navigational instrument. R. V. Garrett. 2,216,490; Oct. 1.
Navigational method and apparatus. J. Neufeld. 2,190,039; Feb. 13.
Neckband loop. W. A. Keys. 2,187,349; Jan. 16.
Neck for power control units, Removable. R. G. Le Tourneau. 2,214,170; Sept. 10.
Necktie. T. Esposito. 2,207,119; July 9.
Necktie. G. A. Mueller. 2,186,591; Jan. 9.
Necktie. V. Naftali. 2,205,105; June 18.

Necktie. A. F. Snyder and M. Solomon. 2,195,373; Mar. 26.
Necktie assembling apparatus. J. J. Dorkin. 2,211,768; Aug. 20.
Necktie clasp and shirt holder. J. Kreisler. 2,195,594; Apr. 2.
Necktie, Four-in-hand. G. F. Bache. 2,186,568; Jan. 9.
Necktie holder. H. W. Youngquist. 2,209,953; Aug. 6.
Necktie packing means. S. C. Pulitzer. 2,186,391; Jan. 9.
Necktie pressing machine. J. T. Jordan. 2,220,406; Nov. 5.
Necktie rack. A. J. McKelvie. 2,196,118; Apr. 2.
Neckties or similar articles, Stitching. R., V., and H. Naftali. 2,188,301; Jan. 30.
Needle. C. S. Antcliff. 2,221,419; Nov. 12.
Needle. H. I. Lippard. 2,190,792; Feb. 20.
Needle bar for flat knitting machines. A. Verbeek. 2,215,090; Sept. 17.
Needle, Biopsy. I. Silverman. 2,198,319; Apr. 23.
Needle for knitting machines, Independent. A. E. Page. 2,192,098; Feb. 27.
Needle for looms of the double fill loop type, Selvage knitting. J. Lucas. 2,216,099; Sept. 24.
Needle for weaving looms. R. Dewas. 2,192,728; Mar. 5.
Needle holder. H. E. Marick and E. Schweitzer. 2,195,316; Mar. 26.
Needle, Hypodermic. G. E. Barnhart. 2,187,259; Jan. 16.
Needle, Hypodermic. F. S. Dickinson. 2,211,537; Aug. 13.
Needle, Hypodermic. J. C. Smith. 2,217,602; Oct. 8.
Needle threader. W. S. Thompson. 2,218,059; Oct. 15.
Needle, Injection. H. J. Mayer. 2,212,477; Aug. 20.
Needle, Knitting. W. H. R. Dunn. 2,208,124; July 16.
Needle, Knitting. H. S. Kohler. 2,187,039; Jan. 16.
Needle, Knitting. H. E. Stallman. 2,188,823; Jan. 30.
Needle, Phonograph. M. A. Miller. 2,199,923; May 7.
Needle, Spring beard knitting. K. Howie. 2,190,663; Feb. 20.
Needle threader and presser foot. J. C. Lounsbury. 2,214,306; Sept. 10.
Needle threader, Sewing. C. Jauch. 2,195,571; Apr. 2.
Needle threading device. R. Brown. 2,185,722; Jan. 2.
Needle valve. C. B. McAulay. 2,223,735; Dec. 3.
Needle valve, Interior differential. P. A. Kinzie and G. J. Hornsby. 2,191,532; Feb. 27.
Needles, Making spring beard. G. T. Broberg. 2,202,945; June 4.
Needles, Producing hypodermic. J. C. Smith. 2,208,606; July 23.
Negative carrier, especially suitable for projection apparatus and enlarging apparatus. K. Kallusch. 2,198,169; Apr. 23.
Negative plate with pure lead-coated grid. E. W. Smith. 2,193,782; Mar. 12.
Negatives for use in graphic arts, Direct method of making. C. A. Beattie, G. L. Glassford, and W. F. Dick. 2,195,556; Apr. 2.
Neon sign insulator and attaching means therefor. S. C. Miller. 2,206,913; July 9.
Nest, Poultry. C. A. Sifakas. 2,204,284; June 11.
Nest, Replaceable frictionally supported bird's. H. Novack. 2,226,253; Dec. 24.
Nested box. E. S. Tipton. 2,203,240; June 4.
Nesting apparatus. A. G. Waters. 2,198,748; Apr. 30.
Net, Collapsible fish landing. E. L. Spriggs and J. H. Butts. 2,205,229; June 18.
Net, Fly. T. B. Hintgen. 2,215,037; Sept. 17.
Net, Folding. G. O. Benson. 2,202,789; May 28.
Net for basketball goal. J. H. Bennett. 2,199,609; May 7.
Net, Hair. E. Berg. 2,198,425; Apr. 23.
Net, Landing. G. E. Brown. 2,197,921; Apr. 23.
Net mending tool. C. B. Prescott. 2,226,324; Dec. 24.
Net, Minnow. G. W. McIntire. 2,187,460; Jan. 16.
Net, Minnow. R. Skrjanc and C. K. Varkett. 2,194,621; Mar. 26.
Net of square meshes, Producing a. H. Mizugoshi. 2,194,865; Mar. 26.
Net supporting device. O. M. Wolff. 2,205,706; June 25.
Net-supporting device, Table-tennis. J. Hillson. 2,206,955; July 9.
Net, Tennis. R. S. Bunker. 2,225,494; Dec. 17.
Network, Reentrant. A. Alford. 2,190,131; Feb. 13.
Network relay adjusting device. W. K. Sonnemann. 2,200,104; May 7.
Network structure, High frequency. H. E. Curtis. 2,194,543; Mar. 26.
Network system of distribution. J. S. Parsons. 2,221,602; Nov. 12.
Neutral wire bracket. W. Lancaster. 2,224,436; Dec. 10.
Neutralized amplifier circuit. E. Rahn and E. Willwacher. 2,222,423; Nov. 19.
Neutralizing apparatus. W. H. Chapman. 2,207,677; July 9.
Neutralizing system. J. W. Conklin. 2,211,004; Aug. 13.
Neutrons, Photographic detection of slowly moving. H. Kallmann and E. Kuhn. 2,186,757; Jan. 9.
News disseminating system, Wired. H. F. May. 2,193,428; Mar. 12.
Newspapers, Making waterproof. G. D. Morgan. 2,206,868; July 9.
Newsprinting. P. K. Porter. 2,194,911; Mar. 26.
Nibbler. H. L. Trautmann. 2,201,599; May 21.
Nibbling attachment for drill presses. C. W. Heydenburg. 2,214,584; Sept. 10.
Nibbling machine. E. Ashton. 2,211,044; Aug. 13.
Nibbling machine. G. F. Ryan. 2,204,258; June 11.
Nickel alloys possessing hot workability, Age hardenable C. G. Bieber and M. P. Buck. 2,213,198; Sept. 3.
Nickel and copper, Separation of. G. Hamprecht, L. Schlecht, and G. Trageser. 2,223,239; Nov. 26.
Nickel base alloy. C. R. Bishop. 2,222,471; Nov. 19.
Nickel base alloy. C. R. Bishop. 2,222,474; Nov. 19.
Nickel base alloy. R. Franks. 2,196,699; Apr. 9.
Nickel-base alloy. R. Franks. 2,219,445; Oct. 29.
Nickel base alloy, Corrosion resistant. C. R. Bishop. 2,222,472–3; Nov. 19.
Nickel-copper matte, Decomposition of. G. Hamprecht. 2,186,293; Jan. 9.
Nickel, Electrodeposition of. H. Brown. 2,211,535; Aug. 13.
Nickel finish, Black. B. B. Knapp. 2,221,641; Nov. 12.
Nickel from an acid bath, Electrodeposition of. H. Brown. 2,191,813; Feb. 27.
Nickel from nickel containing iron ores, Recovery of. K. M. Simpson. 2,212,459; Aug. 20.
Nickel, Obtaining bright and semibright electrodeposits of. M. Ballay. 2,208,657; July 23.
Nicotine insecticide and making it. R. Riley. 2,226,389; Dec. 24.
Nipper, Screw cutting. J. Faist. 2,202,340; May 28.
Nipple construction, Large mouth. J. Little. 2,196,870; Apr. 9.
Nipple extractor or puller tool. M. Kalbeck. 2,224,031; Dec. 3.
Nipple for nursing bottles. C. O. Edwards. 2,227,389; Dec. 31.
Nipple, Nursing. V. Lougheed. 2,223,179; Nov. 26.
Nitrate and chlorine, Producing alkaline. R. C. H. Chuffart. 2,225,685; Dec. 24.
Nitrate, Production of a. H. A. Beekhuis, Jr. 2,215,450; Sept. 24.
Nitrate, Production of glycide. H. Jacobi and W. Flemming. 2,198,367; Apr. 23.
Nitrates, Production of secondary aliphatic. B. M. Vanderbilt. 2,225,893; Dec. 24.
Nitric acid oxidation of oleic and other fatty acids. E. K. Ellignboe. 2,203,680; June 11.
Nitride, Manufacture of sulphate. W. C. Fernelius. 2,207,791; July 16.
Nitriles and preparing the same. W. D. Wolfe. 2,217,632; Oct. 8.
Nitriles, Catalytic hydrogenation of higher aliphatic. W. A. Lazier. 2,225,059; Dec. 17.
Nitriles, Manufacture of. H. R. Arnold and W. A. Lazier. 2,200,734; May 14.
Nitriles of acrylic acids. J. G. Lichty. 2,208,328; July 16.
Nitriles of alpha-naphthyl substituted lower fatty acids, Preparing the. J. Weijlard and W. H. Engels. 2,185,237; Jan. 2.
Nitriles of fully acetylated 2-keto sugar acids and their production. R. T. Major and E. W. Cook. 2,194,476; Mar. 26.
Nitriles, Preparation of aromatic. A. G. Deem and W. A. Lazier. 2,203,861; June 1.
Nitriles, Purification of aromatic. V. Giambalvo. 2,186,754; Jan. 9.
Nitrocellulose composition of reduced inflammability. H. J. Tattersall. 2,188,322; Jan. 30.
Nitrocellulose solution. L. P. Moore and R. O. Roblin, Jr. 2,198,173; Apr. 23.
Nitro-dyestuffs and preparing them. E. Fischer, W. Gmelin, R. Huss, H. Krzikalla, and H. Pardon. 2,221,131; Nov. 12.
Nitrogen bases, Fractionation of. J. R. Bailey and J. L. Meadows. 2,189,278; Feb. 6.
Nitrogen compounds and preparing them, Quaternary. G. Balle and K. Horst. 2,191,978; Feb. 27.
Nitrogen trichloride, Producing. E. Staudt. 2,199,942; May 7.
Nitrogenous base derivatives of ether derivatives, Organic. B. R. Harris. 2,189,397; Feb. 6.
Nitrogenous compounds. M. B. Katzman. 2,189,664; Feb. 6.
Nitrogenous compounds. M. Katzman. 2,217,683; Oct. 15.
Nitrogenous compounds and their manufacture, Water-soluble. H. Martin and H. H. Zaeslin. 2,211,280; Aug. 13.
Nitrogenous condensation products and producing the same. H. Ulrich and K. Kuespert. 2,195,480; Jan. 2.
Nitrogenous condensation products of the anthrone series, Producing. H. Scheyer and E. Schwamberger. 2,191,685; Feb. 27.
Nitro-mercapto-diphenylamines, Production of. T. B. Johnson. 2,216,515; Oct. 1.
Nitroparaffins, Cyclic process for the production of. K. Johnson. 2,213,444; Sept. 3.
Nitro-salicylidene compounds. E. C. Britton and C. L. Moyle. 2,199,389; May 7.
Nitrosamine addition product. J. G. Kern. 2,205,417; June 25.
Nitrosyl chloride, Absorbing. H. A. Beekhuis, Jr. 2,215,451; Sept. 24.
Nitrosyl chloride, Decomposition of. H. A. Beekhuis, Jr. 2,211,531; Aug. 13.

Nitro-tertiary-alkyl-phenols. C. M. Galloway. 2,207,727; July 16.
Nitro-trifluoromethyl-aryl amines and making them. H. W. Daudt and H. E. Woodward. 2,212,825; Aug. 27.
Nodulizing. D. Glaxner. 2,187,601; Jan. 16.
Noise limiting circuit. R. G. Clapp. 2,221,700; Nov. 12.
Noise limiting circuit. G. Mountjoy. 2,200,036; May 7.
Noise making device. R. E. Cyr. 2,197,096; Apr. 16.
Noise-making device. W. B. Kiefl. 2,219,627; Oct. 29.
Noise reducing receiving system. E. H. Weber, Jr. 2,208,953; July 23.
Noise reducing system. L. Malter. 2,220,165; Nov. 5.
Noise reduction circuit. B. Johannesson. 2,207,886; July 16.
Noise reduction system. J. R. Gelzer. 2,194,499; Mar. 26.
Noise reduction system. V. D. Landon. 2,197,937; Apr. 23.
Noise reduction system. V. D. Landon. 2,203,465; June 4.
Noise reduction system. V. D. Landon. 2,204,089; June 11.
Noise reduction system. J. D. Reid. 2,222,424; Nov. 19.
Noise rejecting limiter system. V. D. Landon. 2,204,090; June 11.
Noise suppression. H. Shore. 2,199,190; Apr. 30.
Noise suppression apparatus for telephones. B. L. Fisher. 2,191,375; Feb. 20.
Noncorrosive insert seat. H. Allen. 2,194,266; Mar. 19.
Nondetonating engine. V. F. Zahodiakin. 2,203,763; June 11.
Nongalling plug valve. G. F. Scherer. 2,208,394; July 16.
Nonglare device. H. E. Meares. 2,207,224; July 9.
Noninductive condenser. W. Haase. 2,223,173; Nov. 26.
Nonrun fabric. L. H. Mendelsohn and F. H. German. 2,209,633; July 30.
Nonskid and braking device for vehicles. M. J. Espelta. 2,203,459; June 4.
Nonskid attachment for shoes. V. Tchetchet. 2,206,136; July 2.
Nonskid device. M. E. Paschke. 2,212,450; Aug. 20.
Nonskid device for automobiles. C. B. Kane. 2,221,838; Nov. 19.
Nonskid device mounting tool. J. B. Ransom. 2,222,891; Nov. 26.
Noodle cutting machine. C. Ambrette. 2,220,438; Nov. 5.
Noose supporting device for snaretype traps. H. Van Cleve and H. R. Graybill. 2,216,927; Oct. 8.
Nosepiece for bifocal eyeglasses, Detachable. C. L. Mowrer. 2,220,000; Oct. 29.
Nose protector. G. I. Everett and D. W. Colton. 2,197,973; Apr. 23.
Notching machine. W. M. Goldsmith and W. H. Kappes. 2,227,185; Dec. 31.
Notching machine. C. J. Gross. 2,185,437; Jan. 2.
Notebook. C. Block. 2,200,146; May 7.
Notebook. O. W. Jolly. 2,190,625; Feb. 13.
Notebook construction. F. S. Schade. 2,193,348; Mar. 12.
Note finder. M. P. Wright. 2,204,641; June 18.
Note paper holder. E. Graham. 2,223,250; Nov. 26.
Novelty, Advertising. L. H. Amdur. 2,185,392; Jan. 2.
Novelty, Fun provoking. A. S. Haislip. 2,227,343; Dec. 31.
Nozzle. C. R. Alden. 2,202,510; May 28.
Nozzle. C. R. Alden. 2,214,757; Sept. 17.
Nozzle. E. W. Chapman and V. A. Brunson. 2,207,285; July 9.
Nozzle. J. W. Grant. 2,190,561; Feb. 13.
Nozzle. W. F. Hamilton. 2,186,804; Jan. 9.
Nozzle. J. E. Holveck. 2,225,521; Dec. 17.
Nozzle. H. W. Jones. 2,192,661; Mar. 5.
Nozzle. L. A. Ohlinger. 2,221,455; Nov. 12.
Nozzle. W. A. Twombly. 2,196,169; Apr. 2.
Nozzle, Adjustable. A. F. Albach and F. Karber. 2,218,411; Oct. 15.
Nozzle adjusting construction. E. F. Martinet. 2,203,537; June 4.
Nozzle adjustment signal, Suction cleaner. E. F. Martinet. 2,201,835; May 21.
Nozzle and adjustable brush therefor, Suction cleaner. E. F. Martinet. 2,199,643; May 7.
Nozzle and valve, Spray gun. L. F. Strout. 2,225,759; Dec. 24.
Nozzle, Antileak. M. E. Peaster. 2,223,854; Dec. 3.
Nozzle, Atomizer. A. Tedeschi. 2,187,797; Jan. 23.
Nozzle, Atomizing. E. J. Gardner. 2,187,779; Jan. 23.
Nozzle, Automatic hose. G. Lengacher. 2,205,727; June 25.
Nozzle chest attachment. H. P. Dahlstrand. 2,218,788; Oct. 22.
Nozzle, Chimney borer and soot-churn. R. K. Noss. 2,194,095; Mar. 19.
Nozzle diaphragm. J. H. Doran. 2,196,062; Apr. 2.
Nozzle diaphragm. G. B. Warren and H. Haigh. 2,196,045; Apr. 2.
Nozzle, Dispensing. R. W. Benofsky and H. H. Daniels. 2,199,947; May 7.
Nozzle, especially for light oil injection motors, Fuel-injection. P. Schüttler and J. Vollmer. 2,194,236; Mar. 19.
Nozzle, Expansible hose. W. H. Link. 2,202,459; May 28.
Nozzle extension, Flexible. W. F. McGraw. 2,193,036; Mar. 12.
Nozzle, Flexible cutting. L. W. Young. 2,203,210; June 4.
Nozzle, Fluid filling. C. F. Warrick. 2,222,923; Nov. 26.
Nozzle, Fluid gauge. M. C. White. 2,219,406; Oct. 29.
Nozzle for filling tanks and containers, Automatic cut-off. J. R. Benson. 2,209,219; July 23.
Nozzle for flame machining. H. E. Serner. 2,201,960; May 21.
Nozzle for internal combustion engines, Fuel injection. E. M. Purdy and W. T. Tabb. 2,192,803; Mar. 5.
Nozzle for machines for coating shoe bottoms. W. L. MacKenzie. 2,225,065; Dec. 17.
Nozzle for shoe-channel cementing machines. W. L. MacKenzie. 2,225,066; Dec. 17.
Nozzle. Fuel injection. S. B. and B. E. Gold. 2,213,928; Sept. 3.
Nozzle, Hose. P. E. Rehse. 2,207,758; July 16.
Nozzle, Hose sprinkling. P. Eckard. 2,192,639; Mar. 5.
Nozzle, Injector. A. J. Davidson, Jr. 2,211,496; Aug. 13.
Nozzle, Liquid and gas mixing. W. W. Waisner, M. W. Martin and N. B. Lantz. 2,217,975; Oct. 15.
Nozzle, Low velocity. P. F. Scofield. 2,224,450; Dec. 10.
Nozzle, Lubricating. F. H. Ehnts. 2,217,736–8; Oct. 15.
Nozzle, Pouring. R. Cantoni. 2,193,365; Mar. 12.
Nozzle segment for combustion turbines, Cooled. G. Schaper. 2,221,816; Nov. 19.
Nozzle, Spearhead. D. R. Barber. 2,224,010; Dec. 3.
Nozzle, Spray. R. W. De Baugh. 2,213,627; Sept. 3.
Nozzle, Spray. J. Mayer. 2,208,850; July 23.
Nozzle, Spray injection. W. T. Tabb and E. M. Purdy. 2,210,783; Aug. 6.
Nozzle, Spraying. H. W. Hosmer and E. Stafford. 2,218,110; Oct. 15.
Nozzle, Suction. J. E. Barrner. 2,216,934; Oct. 8.
Nozzle, Suction. G. E. Björkman. 2,200,769; May 14.
Nozzle, Suction. G. E. Björkman. 2,219,802; Oct. 29.
Nozzle, Suction. G. E. Björkman. 2,221,630; Nov. 12.
Nozzle, Suction. L. J. F. Ell. 2,204,128; June 11.
Nozzle, Suction. A. A. Forsberg. 2,203,650; June 4.
Nozzle, Suction. E. Groth. 2,220,778; Nov. 5.
Nozzle, Suction. E. O. H. Hansson. 2,203,088; June 4.
Nozzle, Suction. J. F. Heuberger. 2,206,254; July 2.
Nozzle, Suction. F. J. R. Karlström. 2,212,942; Aug. 27.
Nozzle, Suction. E. S. Lynger. 2,222,675; Nov. 26.
Nozzle, Vacuum cleaner. H. A. Kroenlein. 2,216,275; Oct. 1.
Nozzle valve, Sheet metal. C. Dom. 2,196,107; Apr. 2.
Nozzles, Attaching. G. T. Jacocks. 2,226,496; Dec. 24.
Nozzles, Making blowpipe. C. K. Bryce and P. R. Aronson. 2,217,194; Oct. 8.
Nozzles on pipes, Forming branch. W. D. Weston. 2,213,574; Sept. 3.
Nozzles, Swaging blowpipe. P. R. Aronson. 2,217,193; Oct. 8.
Nub pile fabric. F. E. Masland, Jr. 2,212,744; Aug. 27.
Numbering device. J. Gorrell. 2,224,046; Dec. 3.
Numbering device for photographic films. G. D. Pappajion. 2,188,843; Jan. 30.
Numerical comparing system. R. M. Hicks. 2,191,234; Feb. 20.
Nursing bottle holder. A. Feindel. 2,211,227; Aug. 13.
Nut. F. A. Oddie. 2,215,560; Sept. 24.
Nut. C. J. Whitcombe. 2,213,353; Sept. 3.
Nut and forming same. J. P. Burke. 2,206,740; July 2.
Nut and making same, Jointed. J. M. Oldham. 2,199,007; Apr. 30.
Nut and manufacture thereof, Self-locking. C. A. Swanstrom. 2,217,714; Oct. 15.
Nut and nut installation, Sheet metal. W. I. Jones. 2,201,401; May 21.
Nut blanks, Making. R. L. Wilcox. 2,207,391; July 9.
Nut cracker. D. N. Himes. 2,204,040; June 11.
Nutcracker. G. J. Tonn. 2,224,415; Dec. 10.
Nutcracker. L. C. Wadsworth. 2,226,272; Dec. 24.
Nut cracking, grading, and kernel separating machine V. L. Rodriguez. 2,189,678; Feb. 6.
Nut-cracking machine. D. La Ferney. 2,226,475; Dec. 24.
Nut-cracking machine. L. J. Meyer. 2,196,444; Apr. 9.
Nut-cracking machine. L. J. Meyer. 2,209,606; July 30.
Nutcracking machine. G. J. Moeller. 2,200,515; May 14.
Nut for stringed musical instrument. R. Furgiuele. 2,214,957; Sept. 17.
Nut for stringed musical instruments. E. A. Schreiber. 2,191,776; Feb. 27.
Nut, Lock. J. C. Crowley. 2,222,460; Nov. 19.
Nut lock. E. E. Hall. 2,207,121; July 9.
Nut, Lock. R. T. Hosking. 2,210,455; Aug. 6.
Nut lock. J. C. Huffer. 2,194,020; Mar. 19.
Nut, Lock. S. M. Kass. 2,191,201; Feb. 20.
Nut, Lock. R. W. Luce. 2,196,637; Apr. 9.
Nut, Lock. R. A. MacDonald. 2,190,174; Feb. 13.
Nut lock. J. H. Reohr. 2,202,868; June 4.
Nut lock. J. W. Rief. 2,189,654; Feb. 6.
Nut locking device. R. M. Squire. 2,220,356; Nov. 5.
Nut meats and shells, Process and apparatus for separating. F. B. Romberg. 2,216,050; Sept. 24.
Nut member. C. A. Woodward. 2,208,532; July 16.
Nut or the like to the end of another member, Attaching a union. C. M. Carington. 2,189,056; Feb. 6.
Nut, Self-locking. M. Schmidt and K. Gmöhling. 2,204,385; June 11.

Nut, Sheet metal. H. W. Kost. 2,196,312; Apr. 9.
Nuts and the like, Making clinch-on. F. N. Ross. 2,191,193; Feb. 20.
Nuts, Cracking. W. O. Gantz. 2,218,607; Oct. 22.
Nuts, Forming clinch. C. T. Langmaid and P. E. Double. 2,214,198; Sept. 10.
Nuts, Making. L. A. Young. 2,205,871; June 25.
Nuts, Production of castle. L. A. Frayer and R. S. Salter. 2,226,399; Dec. 24.
Nuts, Shelling. R. J. Rothenberger and N. W. Hazleton. 2,212,213; Aug. 20.
Nuts, Treatment of. T. M. Rector and A. F. Stagmeier. 2,217,815; Oct. 15.
Nutrient solution, Stabilized. C. Ellis and M. W. Swaney. 2,223,316; Nov. 26.
Oar operating mechanism. C. Carlson. 2,189,975; Feb. 13.
Oar, Self-feathering sculling. H. H. Whitehead. 2,213,538; Sept. 3.
Oats and like kinds of grain, Hulling. P. E. Hamring. 2,217,112; Oct. 8.
Object clamp for microtomes, etc. W. H. Popp and G. S. MacDonald. 2,212,953; Aug. 27.
Objective defining device. S. N. Mesjian. 2,222,297; Nov. 19.
Objectives for photographic or like purposes. A. Warmisham and C. G. Wynne. 2,194,413; Mar. 19.
Objects and material from wells, Method and apparatus for removing. J. B. Stovall. 2,214,238; Sept. 10.
Objects heat-treating elongated. H. E. Somes. 2,209,303; July 23.
Objects in wells, Method and apparatus for securing. A. English. 2,214,227; Sept. 10.
Objects, Method of forming over. C. B. Strauch. 2,210,509; Aug. 6.
Objects to a conveyor, Feeding irregular. P. Cushnie. 2,206,766; July 2.
Observation apparatus for printing presses and the like. H. Fischer. 2,214,500; Sept. 10.
Observation instrument. F. H. Hagner. 2,193,512; Mar. 12.
Obstetrical device. R. Torpin. 2,194,989; Mar. 26.
Ocarina. G. A. Mausolf. 2,195,992; Apr. 2.
Occlusion, Obtaining accurate. T. E. J. Shanahan. 2,220,734; Nov. 5.
Occulter for searchlights. C. E. Clouston. 2,186,063; Jan. 9.
Odor absorbent, Refrigerator. A. A. Randolph. 2,204,910; June 18.
Odorizer for gas, Evaporative. J. F. Putnam. 2,203,362; June 4.
Office stand. H. G. Tiffany. 2,192,337; Mar. 5.
Office unit. G. W. Israel. 2,206,961; July 9.
Offset drilling tool. H. W. Evans. 2,212,594; Aug. 27.
Offset printing machine. J. J. Ormond. 2,208,043; July 16.
Offsetting arrangement for boring tools and the like. H. L. Blood. 2,220,779; Nov. 5.
Offsetting arrangement for boring tools and the like. H. L. Blood. 2,222,307; Nov. 19.
Offsetting arrangement for boring tools and the like. R. A. Heald. 2,222,313; Nov. 19.
Oil addition agents, Lube. R. Rosen. 2,199,187; Apr. 30.
Oil-air burner. T. Kinder. 2,200,673; May 14.
Oil-air separator. N. C. Price. 2,186,344; Jan. 9.
Oil and gas burner, Combination. S. E. Henson. 2,195,170; Mar. 26.
Oil and gas, Separating. C. T. McCoy. 2,190,104; Feb. 13.
Oil and gas separator. R. S. McKeever. 2,204,509; June 11.
Oil and lubrication therewith, Lubricating. P. G. Colin and A. W. Lewis. 2,187,802; Jan. 23.
Oil and lubrication therewith, Lubricating. P. G. Colin and A. W. Lewis. 2,211,558; Aug. 13.
Oil and lubrication therewith, Lubricating. E. W. Cook. 2,213,856; Sept. 3.
Oil and lubrication therewith, Lubricating. A. W. Lewis. 2,218,917; Oct. 22.
Oil and lubrication therewith, Lubricating. A. W. Lewis. 2,220,487; Nov. 5.
Oil and making same, Acetylated. A. E. Rheineck. 2,210,305; Aug. 6.
Oil and making same, Synthetic drying. F. A. Strauss. 2,197,813; Apr. 23.
Oil and making the same, Lubricating. S. Musher. 2,223,941; Dec. 3.
Oil and manufacturing the same, Lubricating. L. B. Turner. 2,192,700; Mar. 5.
Oil and preparing same, Stable mineral. B. H. Shoemaker. 2,195,659; Apr. 2.
Oil and preparing the same, lubricating. C. C. Towne. 2,199,352; Apr. 30.
Oil and preparing the same, Medicinal white. G. A. Kessler and L. Liberthson. 2,193,819; Mar. 19.
Oil and preparing the same, Soluble cutting. P. T. Anderson and H. L. Moir. 2,211,250; Aug. 13.
Oil, and recovery of the solvent, Solvent refining of hydrocarbon. W. Kiersted, Jr., and L. P. Scoville. 2,168,298; Jan. 9.
Oil and system containing same, Renovating used. W. G. Horsch. 2,221,380; Nov. 12.
Oil and systems containing same, Renovating used. W. G. Horsch. 2,217,368; Oct. 8.
Oil and treating same, Varnish. R. F. Schneider, R. H. Coe, and E. E. Ware. 2,220,293; Nov. 5.
Oil and water separator. E. J. Beach. 2,205,336; June 18.
Oil bearing sands, Locating. A. L. Smith. 2,206,922; July 9.
Oil burner. W. O. Behrens. 2,202,822; June 4.
Oil burner. W. O. Behrens. 2,202,981; June 4.
Oil burner. W. Berthiaume and A. Metail. 2,212,004; Aug. 20.
Oil burner. E. T. Brace. 2,187,220; Jan. 16.
Oil burner. M. Brittain. 2,205,340; June 18.
Oil burner. A. Clarkson. 2,195,617; Apr. 2.
Oil burner. G. F. Crosiar. 2,219,917; Oct. 29.
Oil burner. H. C. Faulkner. 2,209,076; July 23.
Oil burner. W. H. Frankland. 2,209,649; July 30.
Oil burner. R. W. Hallenbeck and F. R. Stees. 2,195,649; Apr. 2.
Oil burner. F. L. Hammer. 2,222,031; Nov. 19.
Oil burner. D. J. Howard. 2,213,862; Sept. 3.
Oil burner. A. C. Johnson. 2,200,826; May 14.
Oil burner. W. G. Johnston. 2,200,278; May 14.
Oil burner. L. Katz. 2,194,599; Mar. 26.
Oil burner. G. Levine. 2,203,165; June 4.
Oil burner. W. C. Mason. 2,193,828; Mar. 19.
Oil burner. H. Mayer. 2,192,615; Mar. 5.
Oil burner. A. B. Morton. 2,215,763; Sept. 24.
Oil burner. R. E. Moule. 2,227,195; Dec. 31.
Oil burner. W. G. Pope. 2,194,984; Mar. 26.
Oil burner. H. M. Reeves. 2,207,553; July 9.
Oil burner. R. F. Regnier. 2,187,055; Jan. 16.
Oil burner. A. W. Richardson. 2,188,577; Jan. 30.
Oil burner. G. L. Riley. 2,220,828; Nov. 5.
Oil burner. W. J. Rose and A. L. Paradis. 2,217,995; Oct. 15.
Oil burner. R. M. Runge and E. B. Pascucci. 2,202,718; May 28.
Oil burner. R. D. Schoenwetter. 2,204,451; June 11.
Oil burner. V. N. Schultz. 2,212,052; Aug. 20.
Oil burner. A. P. Scott. 2,224,089; Dec. 3.
Oil burner. C. E. Swallow. 2,206,241; July 2.
Oil burner. R. S. Thoresen. 2,203,553; June 4.
Oil burner. R. S. Thoresen. 2,210,736; Aug. 6.
Oil burner. R. R. P. Turner. 2,219,349; Oct. 29.
Oil burner. W. C. Weaner. 2,214,647; Sept. 10.
Oil burner. D. E. Wilson. 2,208,150; July 16.
Oil burner. W. J. Young. 2,199,771; May 7.
Oil burner control. V. H. Hardy. 2,195,650; Apr. 2.
Oil burner, Internal sleeve. R. F. Andler. 2,206,070; July 2.
Oil burning apparatus. H. B. Donley. 2,214,664; Sept. 10.
Oil burning apparatus. J. T. Grotenhuis. 2,214,693; Sept. 10.
Oil burning apparatus. J. L. O'Brien. 2,215,272; Sept. 17.
Oil burning apparatus. H. L. Ortlepp. 2,209,281; July 23.
Oil burning apparatus. A. von Haase. 2,215,281; Sept. 17.
Oil burning appliances, Promoting combustion in. C. Scott-Snell. 2,199,826; May 7.
Oil can, Bootlegproof. C. M. Williams and G. L. Van Doren. 2,195,506; Apr. 2.
Oil can, Portable. L. Nast. 2,213,404; Sept. 3.
Oil change reminder unit. L. J. Burke. 2,213,666; Sept. 3.
Oil circuit breaker. G. Scarpa. 2,223,901; Dec. 3.
Oil cleaner and temperature regulator. J. G. MacCormack. 2,218,715; Oct. 22.
Oil composition. B. W. Story and E. W. Fuller. 2,211,798; Aug. 20.
Oil composition. B. G. Wilkes. 2,214,152; Sept. 10.
Oil composition and improving agent therefor, Mineral. O. M. Reiff, F. P. Otto, J. J. Giammaria, and E. A. Oberright. 2,198,275; Apr. 23.
Oil composition and making, Mineral. O. M. Reiff. 2,191,498; Feb. 27.
Oil composition and producing same, Mineral. T. W. Bartram. 2,199,021; Apr. 30.
Oil composition and treating same, Mineral. T. W. Bartram. 2,193,666; Mar. 12.
Oil composition, constituent thereof, and manufacturing the same, Lubricating. T. L. Cantrell and J. O. Turner. 2,226,335; Dec. 24.
Oil composition containing wax-aryl ether acids, Mineral. O. M. Reiff and F. P. Otto. 2,198,293; Apr. 23.
Oil composition, inhibitor therefor and manufacturing the same, Lubricating. T. L. Cantrell and J. O. Turner. 2,226,334; Dec. 24.
Oil composition, Lubricating. S. C. Fulton. 2,225,430; Dec. 17.
Oil composition, Lubricating. O. P. Puryear. 2,193,771; Mar. 12.
Oil composition, Lubricating. C. L. Read. 2,221,953; Nov. 19.
Oil composition, Lubricating. V. L. Ricketts. 2,186,346; Jan. 9.
Oil composition, Mineral. O. M. Reiff. 2,197,832–3; Apr. 23.
Oil composition, Mineral. O. M. Reiff. 2,197,835; Apr. 23.
Oil composition, Mineral. O. M. Reiff. 2,197,837; Apr. 23.

Oil composition, Mineral. O. M. Reiff, J. J. Giammaria, and H. E. Redman. 2,197,834; Apr. 23.
Oil composition, Mineral. O. M. Reiff and E. M. Johnson. 2,197,836; Apr. 23.
Oil composition, Mineral. O. M. Reiff and F. P. Otto. 2,198,274; Apr. 23.
Oil composition, Mineral. O. M. Reiff and F. P. Otto. 2,198,292; Apr. 23.
Oil composition, Stabilized. W. H. James. 2,209,976; Aug. 6.
Oil composition, Stabilized lubricating. R. Rosen. 2,216,752; Oct. 8.
Oil composition, Stabilized mineral. E. W. Fuller. 2,196,963; Apr. 9.
Oil composition, Stabilized mineral. E. W. Fuller. 2,218,283; Oct. 15.
Oil composition, Stabilized mineral. L. A. Hamilton. 2,193,331; Mar. 12.
Oil composition, Stabilized mineral. R. C. Moran. 2,220,941; Nov. 12.
Oil composition, Transformer. M. A. Dewey. 2,225,533; Dec. 17.
Oil compositions and making the same, Mineral. A. W. Ralston and E. J. Hoffman. 2,197,712; Apr. 16.
Oil compositions and preparing the same, Mineral. A. W. Ralston and E. J. Hoffman. 2,197,713; Apr. 16.
Oil compositions, constituents thereof, and manufacturing the same, Lubricating. T. L. Cantrell and J. S. Stockhardt. 2,214,875; Sept. 17.
Oil compositions, Lubricating. H. E. Ries, Jr. 2,211,163; Aug. 13.
Oil compositions, Manufacture of pigmented. J. L. Moilliet. 2,219,395; Oct. 29.
Oil compound for tree sprays, Glyceryl sulphonated. E. W. Adams. 2,193,216; Mar. 12.
Oil, Compounded lubricating. B. B. Farrington and R. L. Humphreys. 2,201,484; May 21.
Oil, Compounded lubricating. R. L. Humphreys and V. N. Borsoff. 2,204,598; June 18.
Oil, Compounded lubricating. P. J. Wiezevich, J. C. Zimmer, and A. J. Morway. 2,198,851; Apr. 30.
Oil, Compounded mineral. E. W. Gardiner and G. H. Denison, Jr. 2,211,972; Aug. 20.
Oil conditioning system. J. R. Miller. 2,225,652; Dec. 24.
Oil containing aryl fatty acid soap, Lubricating. D. R. Merrill. 2,197,153; Apr. 16.
Oil conversion, Hydrocarbon. J. G. Alther. 2,211,999; Aug. 20.
Oil conveying member for journal boxes. T. E. Newberry. 2,204,376; June 11.
Oil cooler. J. Askin. 2,223,655; Dec. 3.
Oil cooler. W. R. Ramsaur and C. J. O'Brien. 2,222,721; Nov. 26.
Oil cooling system for motor vehicles. F. J. Merkle. 2,223,262; Nov. 26.
Oil cracking and polymerizing heater. L. J. McCarthy. 2,211,903; Aug. 20.
Oil, Cutting. F. W. Corkery. 2,193,476; Mar. 12.
Oil, Cutting. B. A. Dombrow. 2,214,634; Sept. 10.
Oil, Cutting. E. F. Pevere. 2,186,271; Jan. 9.
Oil, Decolorizing. E. C. Bierce. 2,211,489; Aug. 13.
Oil delivery computing device. G. H. Clement. 2,225,905; Dec. 24.
Oil, Determining the presence of. G. Potapenko. 2,190,320; Feb. 13.
Oil, Device to gasify fuel. A. J. Behling. 2,206,824; July 2.
Oil, Dewaxing. U. B. Bray. 2,218,517; Oct. 22.
Oil, Dewaxing hydrocarbon. R. E. Manley, B. Y. McCarty, and W. V. Overbaugh. 2,193,767; Mar. 12.
Oil, Dewaxing mineral. J. I. Wasson and A. H. Gleason. 2,196,374; Apr. 9.
Oil dilution system. W. Worth. 2,188,801; Jan. 30.
Oil dispenser, Canned. O. Anderson. 2,212,704; Aug. 27.
Oil distillates for the removal of mercaptans, Treating hydrocarbon. W. W. Johnstone. 2,185,768; Jan. 2.
Oil distillates, Refining lubricating. H. G. Vesterdal. 2,216,968; Oct. 8.
Oil distillation, Mineral. J. E. Schulze and R. V. Becknell. 2,217,385; Oct. 8.
Oil distributing and apportioning device. G. Nemetz. 2,197,705; Apr. 16.
Oil, Drying. O. Jordan and E. Rossmann. 2,220,906; Nov. 12.
Oil engine. C. L. Cummins. 2,190,015; Feb. 13.
Oil, Extracting. A. L. Davis and L. H. Bartlett. 2,191,455; Feb. 27.
Oil filter. R. N. Burckhalter. 2,203,668; June 11.
Oil filter. E. J. Decker. 2,197,252; Apr. 16.
Oil filter. H. G. Eisler. 2,193,480; Mar. 12.
Oil filter. J. H. Long. 2,210,213; Aug. 6.
Oil filter. G. Olson and W. S. Williams. 2,223,701; Dec. 3.
Oil filter. B. Von Pentz. 2,209,180; July 23.
Oil filter. P. H. Wagner. 2,188,745; Jan. 30.
Oil filter. J. F. Werder. 2,211,305; Aug. 13.
Oil filter circuit. N. J. Finwall. 2,219,101; Oct. 22.
Oil filter, Nodulated. H. G. Kamrath. 2,203,495; June 4.
Oil filtering device. F. B. Hewel. 2,202,379; May 28.
Oil flash tester. F. H. Wight. 2,201,708; May 21.
Oil, Fluorescent hydrocarbon. H. Hopff and H. Schoenherr. 2,205,408; June 25.
Oil for Diesel engines, Lubricating. E. V. Murphree. 2,227,149; Dec. 31.
Oil for oil burners, Preheating. R. F. Andler and G. R. Koeln. 2,199,454; May 7.
Oil for treating textiles, Synthetic. A. O. Jaeger. 2,212,369; Aug. 20.
Oil from acid sludge, Recovery of lubricating. J. B. Synnott, Jr. 2,198,566; Apr. 23.
Oil from castor oil, Manufacture of drying. R. Priester. 2,195,225; Mar. 26.
Oil from cottonseed oil, Preparation of winter. E. W. Eckey and R. G. Folzenlogen. 2,205,381; June 25.
Oil from internal combustion engines, Discharging. E. J. Sweetland. 2,216,360; Oct. 1.
Oil from oil bearing materials, Expressing. R. T. Anderson. 2,216,658; Oct. 1.
Oil from oleaginous material, Solvent extraction of. D. McDonald. 2,198,413; Apr. 23.
Oil from subterranean oil pockets, Apparatus for recovering. H. W. Hixon. 2,188,737; Jan. 30.
Oil from wax, Separation of. F. E. Blachly. 2,220,200; Nov. 5.
Oil from wells, Removing. E. O. Bennett. 2,225,949; Dec. 24.
Oil, Fuel. G. H. B. Davis. 2,215,230; Oct. 1.
Oil gas generator. R. Wilkes and E. H. Ottoson. 2,207,843; July 16.
Oil gas, Production of. E. L. Hall. 2,217,250; Oct. 8.
Oil gauge. J. H. Caddell. 2,187,300; Jan. 16.
Oil-grease recording device. J. B. Jones. 2,200,362; May 14.
Oil, Horticultural spray. F. F. Lindstaedt. 2,222,109; Nov. 19.
Oil, Hydrocarbon. W. Schreiber. 2,220,851; Nov. 5.
Oil, Improving lubricating. L. A. Mikeska. 2,204,609; June 18.
Oil in well drilling, Method and apparatus for detecting. J. T. Hayward. 2,213,138; Aug. 27.
Oil, Insecticidal and fungicidal. F. App. 2,221,772; Nov. 19.
Oil-insoluble reaction product of an alkanol amine and petroleum sulphonic acids. K. T. Steik. 2,204,326; June 11.
Oil, Low pour point lubricating. U. B. Bray. 2,200,534; May 14.
Oil, Lubricating. H. V. Ashburn and W. G. Alsop. 2,221,162; Nov. 12.
Oil, Lubricating. H. V. Ashburn, R. E. Conary, and P. S. Stutzman. 2,226,543; Dec. 31.
Oil, Lubricating. R. C. Cantelo. 2,204,660–1; June 18.
Oil, Lubricating. E. C. Carmichael, R. J. De Gray, and J. H. Prall. 2,196,101; Apr. 2.
Oil, Lubricating. M. Fairlie. 2,222,938; Nov. 26.
Oil, Lubricating. J. A. Franceway, Jr., and G. H. B. Davis. 2,201,767; May 21.
Oil, Lubricating. B. H. Lincoln and G. D. Byrkit. 2,213,804; Sept. 3.
Oil, Lubricating. B. H. Lincoln, W. L. Steiner, and G. D. Byrkit. 2,223,766; Dec. 3.
Oil, Lubricating. C. M. Loane and B. H. Shoemaker. 2,218,918; Oct. 22.
Oil, Lubricating. E. J. Martin and J. H. Kirk. 2,209,165; July 23.
Oil, Lubricating. S. Musher. 2,216,711; Oct. 1.
Oil, Lubricating. J. F. Nelson. 2,215,591; Sept. 24.
Oil, Lubricating. B. H. Shoemaker and C. M. Loane. 2,191,996; Feb. 27.
Oil, Lubricating. C. C. Towne. 2,223,932; Dec. 3.
Oil, Lubricating. A. C. Vobach. 2,222,964; Nov. 26.
Oil, Lubricating. P. J. Wiezevich. 2,202,364; May 28.
Oil, Manufacture of lubricating. F. X. Govers. 2,198,575; Apr. 23.
Oil, Manufacture of lubricating. F. X. Govers. 2,210,866–7; Aug. 6.
Oil, Method of and apparatus for converting. P. S. Nisson. 2,185,516; Jan. 2.
Oil, Method of and apparatus for purifying. M. Gaertner. 2,207,399; July 9.
Oil or dust flinger for bearings. W. J. Chievitz. 2,188,856; Jan. 30.
Oil preparation, Lubricating. H. P. Lankelma. 2,208,218; July 16.
Oil pressure regulator. G. J. Worel. 2,202,074; May 28.
Oil pressure tester. J. L. Johnston. 2,223,913; Dec. 3.
Oil, Process for producing synthetic. E. Lieber and M. M. Sadlon. 2,209,462; July 30.
Oil, Producing lubricating. U. B. Bray. 2,218,516; Oct. 22.
Oil, Producing synthetic drying. J. S. Brod. 2,212,385; Aug. 20.
Oil production. J. A. Niles. 2,214,064; Sept. 10.
Oil products, Manufacture of modified, heat-bodied. L. Auer. 2,189,772; Feb. 13.
Oil, Prospecting for. E. B. Peck. 2,223,183; Nov. 26.
Oil, Purification of crude light. I. H. Jones. 2,193,763; Mar. 12.
Oil purification process. J. B. Rogerson. 2,194,269; Mar. 19.
Oil purifier. A. Koinzan. 2,206,358; July 2.
Oil reclaiming apparatus. B. R. Ells. 2,210,906; Aug. 13.
Oil, Refined hydrocarbon. C. M. Loane. 2,194,312; Mar. 19.

Oil refiner for motors. A. J. West. 2,196,349; Apr. 9.
Oil refining. W. H. Bahlke and F. W. Scheineman. 2,205,613; June 25.
Oil refining. J. Robinson. 2,215,362; Sept. 17.
Oil, Refining a mineral. F. W. Breth and M. Blumer. 2,189,128; Feb. 6.
Oil, Refining fuel. M. T. Carpenter. 2,189,196; Feb. 6.
Oil, Refining mineral. R. D. Howard. 2,205,411; June 25.
Oil, Refining mineral. B. Malishev. 2,223,524; Dec. 3.
Oil, Refining of. A. C. Vobach. 2,223,141; Nov. 26.
Oil refining, Vegetable. B. H. Thurman. 2,204,109; June 11.
Oil regulating apparatus. A. N. Simpson. 2,208,912; July 23.
Oil removal unit, Power. E. L. Wood. 2,206,992; July 9.
Oils, Removing impurities from vegetable. G. J. Strezynski. 2,215,624; Sept. 24.
Oil retainer with combined diaphragm and outer metal seal. J. B. Victor. 2,191,873; Feb. 27.
Oil saver. B. E. Parrish. 2,212,040; Aug. 20.
Oil saver, Oil well. J. P. Sparr. 2,185,925; Jan. 2.
Oil seal, Flexible. W. F. Bernstein. 2,213,116; Aug. 27.
Oil sealing device. L. J. May. 2,198,782; Apr. 30.
Oil separator. B. H. Hettinger. 2,211,422; Aug. 13.
Oil separator. J. C. White. 2,223,652; Dec. 3.
Oil separator. S. Ziegler. 2,188,993; Feb. 6.
Oil solutions, Mineral. E. C. Kunz and A. T. Fiore. 2,202,387; May 28.
Oil solutions of organic sulphonates, Preparation of. L. A. Mikeska and G. E. Serniuk. 2,209,169; July 23.
Oil, Solvent refining of hydrocarbon. L. A. Clarke. 2,226,092; Dec. 24.
Oil, Solvent refining of hydrocarbon. W. E. Skelton. 2,208,108; July 16.
Oil, Solvent refining of mineral. R. E. Manley and B. Y. McCarty. 2,214,282; Sept. 10.
Oil, Stabilized high film strength lubricating. B. H. Lincoln and W. L. Steiner. 2,217,173; Oct. 8.
Oil, Stabilized mineral. F. M. Clark. 2,191,338; Feb. 20.
Oil, Stabilized mineral. R. S. George and D. E. Badertscher. 2,226,427; Dec. 24.
Oil, Stabilizing of. B. H. Thurman. 2,201,061; May 14.
Oil stocks, Refining lubricating. D. G. Brandt. 2,222,475; Nov. 19.
Oil stocks, Refining lubricating. H. N. Lyons. 2,220,016; Oct. 29.
Oilstove. G. Brantley. 2,215,720; Sept. 24.
Oilstove. C. J. Kessler and J. R. Kirkpatrick. 2,214,420; Sept. 10.
Oil sulphonates and manufacture, Liquid mineral. A. P. Frame. 2,205,924; June 25.
Oil, Sulphurized. B. H. Lincoln and W. L. Steiner. 2,186,646; Jan. 9.
Oil, Sulphurized. B. H. Lincoln and W. L. Steiner. 2,204,538; June 11.
Oil, Sulphurized. J. C. Zimmer. 2,222,643; Nov. 26.
Oil, Sulphurized lubricating. M. T. Flaxman. 2,212,899; Aug. 27.
Oil supply indicating mechanism for internal combustion engines. W. M. Robison. 2,222,542; Nov. 19.
Oil synergist for insecticides. C. Eagleson. 2,202,145; May 28.
Oil to olefins, Decomposing. T. Nagel. 2,188,982; Feb. 6.
Oil trap for motors. W. L. Hansen and O. N. Hurst. 2,219,387; Oct. 29.
Oil, Treating. U. B. Bray. 2,218,515; Oct. 22.
Oil, Treating. U. B. Bray and C. E. Swift. 2,191,091; Feb. 20.
Oil treating apparatus. W. W. Kraft, M. A. Zimmerman, and J. A. Gibb. 2,220,045; Oct. 29.
Oil treating apparatus. W. M. McGuffee. 2,226,470; Dec. 24.
Oil, Treating hydrocarbon. S. W. Darling. 2,194,692; Mar. 26.
Oil, Treating mineral. J. W. Starr and G. A. Beiswenger. 2,189,844; Feb. 13.
Oil treating plant. R. R. MacDonald. 2,203,267; June 4.
Oil, Treating refined. B. H. Thurman. 2,216,680; Oct. 1.
Oil, Treating tall. E. Segessemann. 2,199,653; May 7.
Oil treating unit. C. L. Raney and H. C. Humphrey. 2,221,169; Nov. 12.
Oil treatment, Hydrocarbon. W. B. Shanley and R. E. Sutherland. 2,225,847; Dec. 24.
Oil, Treatment of. H. J. Robertson. 2,188,770; Jan. 30.
Oil, Treatment of coal tar. H. Koelbel. 2,209,123; July 23.
Oil, Treatment of hydrocarbon. G. Armistead, Jr. 2,216,683; Oct. 1.
Oil, Treatment of hydrocarbon. B. Hopper. 2,227,089; Dec. 31.
Oil, Treatment of hydrocarbon. M. R. Mandelbaum. 2,216,691; Oct. 1.
Oil, Treatment of hydrocarbon. J. C. Morrell. 2,187,048; Jan. 16.
Oil, Treatment of hydrocarbon. C. W. Nofsinger. 2,220,020; Oct. 29.
Oil, Treatment of hydrocarbon. C. W. Watson. 2,195,265; Mar. 26.
Oil, Treatment of mineral. S. Musher. 2,192,866; Mar. 5.
Oil, Treatment of naphthene base. C. T. Anné, H. I. Wilson, and W. C. Patterson. 2,221,161; Nov. 12.
Oil well equipment. J. H. McEvoy and J. H. Howard. 2,205,988; June 25.
Oil well fishing tool. J. H. Williams and S. Ackal. 2,207,649; July 9.
Oil well pump. F. E. Steele. 2,202,970; June 4.
Oil well pump rod cleaner. C. Stuart. 2,213,923; Sept. 3.
Oil well rig. M. E. Bolles. 2,199,873; May 7.
Oil well shut-off. L. S. Smith. 2,199,085; Apr. 30.
Oil wells, Completing. I. S. Salnikov. 2,219,022; Oct. 22.
Oil wells, Increasing production of. A. M. Herbsman. 2,206,187; July 2.
Oil wells, Treating. J. J. Harrigan. 2,225,434; Dec. 17.
Oil which has been sweetened with reagent containing copper, Stabilizing hydrocarbon. G. H. Short. 2,216,856; Oct. 8.
Oil, Wood preservative. J. E. Harvey, Jr. 2,195,413; Apr. 2.
Oiler. J. C. Crowley. 2,211,595; Aug. 13.
Oiler. S Q Ewing. 2,206,173; July 2.
Oiler and support, Sharpening stone. W. A. Kuhlman. 2,191,719; Feb. 27.
Oiler, Automatically controlled gravity. L. L. Schauer. 2,209,939; July 30.
Oiler, Flange. O. W. Swanson. 2,203,112; June 4.
Oiler for air tools. O. A. Kehle. 2,187,241; Jan. 16.
Oiler for centrifugal separators, Continuous. R. M. Graham. 2,194,304; Mar. 19.
Oiler for internal combustion engines, Positive displacement. J. S. Westfield. 2,192,782; Mar. 5.
Oiler for thread cutting dies. R. Schubert. 2,212,276; Aug. 20.
Oiler, Locomotive journal. J. P. Savage. 2,188,926; Feb. 6.
Oiler, Self-aligning leader pin. E. A. Baumbach. 2,225,145; Dec. 17.
Oiler, Wheel flange. J. A. Guffra. 2,212,734; Aug. 27.
Oiling device. R. O. Allen. 2,185,240; Jan. 2.
Oiling device. F. Frelin. 2,199,699; May 7.
Oiling device. J. Naab. 2,207,935; July 16.
Oiling device. E. F. Terry. 2,220,301; Nov. 5.
Oiling mechanism, Automatic. W. J. Gribbin. 2,214,528; Sept. 10.
Oiling ring. F. W. Esch. 2,198,909; Apr. 30.
Oiling system. L. Coddington. 2,186,477; Jan. 9.
Oiling system. F. G. Eilers. 2,199,912; May 7.
Oils and fats, Purifying edible. J. L. Jakobsen. 2,210,548; Aug. 6.
Oils and gases, Conversion of hydroçarbon. M. H. Arveson. 2,222,060; Nov. 19.
Oils and gases, Conversion of hydrocarbon. R. L. Savage, Jr. 2,193,772; Mar. 12.
Oils and making same, Sulphonated fatty. C. L. Schuttig. 2,186,308; Jan. 9.
Oils and making the same, Synthetic hydrocarbon. A. L. Lyman and E. W. Gardiner. 2,216,372; Oct. 1.
Oils and producing same, Lubricating. J. M. Whiteley, Jr., and J. H. Bartlett. 2,220,307; Nov. 5.
Oils and producing same, Synthetic hydrocarbon. M. M. Holm, A. L. Lyman, and M. F. Miller. 2,224,349; Dec. 10.
Oils, Apparatus for treating hydrocarbon. C. W. Stratford. 2,187,466; Jan. 16.
Oils by cold fractionation, extraction, and synthesis, Production of high quality lubricating. C. L. Ocón. 2,191,972; Feb. 27.
Oils by substantially crude unrefined cane and beet sugar, Stabilization of hydrocarbon, glyceride, and essential. S. Musher. 2,198,210; Apr. 23.
Oils, Conversion of hydrocarbon. C. H. Angell. 2,202,076; May 28.
Oils, Conversion of hydrocarbon. C. H. Angell. 2,206,071; July 2.
Oils, Conversion of hydrocarbon. J. B. Heid. 2,219,521; Oct. 29.
Oils, Conversion of hydrocarbon. L. C. Huff. 2,212,023; Aug. 20.
Oils, Conversion of hydrocarbon. L. A. Mekler. 2,203,833; June 11.
Oils, Conversion of hydrocarbon. J. C. Morrell. 2,203,025; June 4.
Oils, Conversion of hydrocarbon. L. C. Rubin. 2,188,312; Jan. 30.
Oils, Conversion of hydrocarbon. J. D. Seguy. 2,210,265; Aug. 6.
Oils, Conversion of hydrocarbon. L. G. Story. 2,224,840; Dec. 10.
Oils, Conversion of hydrocarbon. K. Swartwood. 2,185,757; Jan. 2.
Oils, Conversion of hydrocarbon. K. Swartwood. 2,206,135; July 2.
Oils, Conversion of hydrocarbon. K. Swartwood. 2,220,691; Nov. 5.
Oils, Conversion of hydrocarbon. K. Swartwood. 2,223,192; Nov. 26.
Oils, Conversion of hydrocarbon. R. F. Trow. 2,193,776; Mar. 12.
Oils, Conversion of hydrocarbon. C. W. Watson and D. Eastman. 2,221,172; Nov. 12.
Oils, Converting mineral. A. P. Frame and W. H. Price. 2,216,471; Oct. 1.
Oils, Cracking and hydrogenating bituminous. E. A. Ocon. 2,206,200; July 2.
Oils, Cracking hydraulic. B. P. Crittenden. 2,210,901; Aug. 13.

Oils, Cracking hydrocarbon. L. de Florez, F. L. Herle, and J. H. Hirsch. 2,198,557; Apr. 23.
Oils, Cracking hydrocarbon. C. W. Nofsinger and D. T Shaw. 2,185,222; Jan. 2.
Oils, Cracking hydrocarbon. R. F. Ruthruff. 2,207,598; July 9.
Oils, Cracking of. J. Rivkin. 2,226,261; Dec. 24.
Oils, Cracking of hydrocarbon. P. C. Keith, Jr., and J. K. Roberts. 2,185,200; Jan. 2.
Oils, Deodorizing. H. J. Ullmann. 2,203,373; June 4.
Oils, Desulphurizing mineral. D. S. McKittrick. 2,204,903; June 18.
Oils, Dewaxing. U. B. Bray and J. A. Campbell, Jr. 2,194,968–9; Mar. 26.
Oils, Dewaxing. U. B. Bray and J. A. Campbell, Jr. 2,218,520; Oct. 22.
Oils, Dewaxing. R. E. Burk and E. C. Hughes. 2,225,546; Dec. 17.
Oils, Dewaxing. R. K. Stratford and O. S. Pokorny. 2,192,718; Mar. 5.
Oils, Dewaxing mineral. L. D. Jones. 2,223,939; Dec. 3.
Oils, Dewaxing mineral. S. Tijmstra, and D. S. McKittrick. 2,223,022; Nov. 26.
Oils, Dewaxing petroleum. W. V. Stearns. 2,224,109; Dec. 3.
Oils, Distillation and conversion of hydrocarbon. K. Swartwood and A. Engelstein. 2,219,536; Oct. 29.
Oils, Emulsifiable substitute resin. A. Lazar. 2,186,248; Jan. 9.
Oils, fats and waxes, Bleaching. E. Scheller. 2,221,559; Nov. 12.
Oils free of asphalt, Producing. M. Landau. 2,198,388; Apr. 23.
Oils from petroleum hydrocarbons, Synthesis of drying. H. B. Kipper. 2,224,603; Dec. 10.
Oils, Improving drying properties of. T. S. Hodgins. 2,196,796; Apr. 9.
Oils in vapor phase, Cracking. P. C. Keith, Jr. 2,210,549; Aug. 6.
Oils into gasoline, Conversion of hydrocarbon. R. F. Ruthruff. 2,221,425; Nov. 12.
Oils into lighter oils, Converting heavy mineral. C. M. Alexander. 2,200,463; May 14.
Oils, Low temperature conversion of hydrocarbon. W. L. Benedict. 2,223,162; Nov. 26.
Oils, Lowering the pour points of mineral. F. R. Moser. 2,204,967; June 18.
Oils, Lubricating. H. Geothel, H. Tramm, and P. Schaller. 2,190,918; Feb. 20.
Oils, Making sulphurized cutting. A. Pollak and R. Hastings. 2,198,562; Apr. 23.
Oils, Manufacture of drying. R. Priester. 2,226,830–1; Dec. 31.
Oils, Manufacture of lubricating. H. Goethel, P. Schaller, and H. Tramm. 2,199,200; Apr. 30.
Oils, Manufacture of turbine. L. L. Lovell. 2,218,133; Oct. 15.
Oils, Manufacturing lubricating. D. B. Mapes and E. M. Dons. 2,227,377; Dec. 31.
Oils, Polymerizable. L. P. Hubbuch. 2,190,789; Feb. 20.
Oils, Polymerization of drying. T. F. Bradley and W. B. Johnston. 2,219,862; Oct. 29.
Oils, Polymerization of drying. H. I. Waterman and C. Van Vlodrop. 2,188,273; Jan. 23.
Oils, Polymerizing drying. A. Schwarcman. 2,207,686; July 9.
Oils, Preparing synthetic. J. A. Franceway, Jr., and G. H. B. Davis. 2,201,768; May 21.
Oils, Preventing the formation of gumlike products in. A. C. G. Egerton. 2,195,167; Mar. 26.
Oils, Preventing the formation of gum-like products in. A. C. G. Egerton. 2,209,646; July 30.
Oils, Producing lubricating. N. Geiser and H. Goethel. 2,187,704; Jan. 16.
Oils, Producing rubber miscible. F. Rostler and V. Mehner. 2,217,918; Oct. 15.
Oils, Production of lubricating. C. Clar and H. Goethel. 2,206,391; July 2.
Oils, Production of lubricating. F. X. Govers. 2,198,576; Apr. 23.
Oils, Production of lubricating. H. G. Schneider and L. A. Bannon. 2,216,253; Oct. 1.
Oils, Purifying refined. B. Clayton. 2,216,104; Oct. 1.
Oils, Refining. B. H. Thurman. 2,226,211; Dec. 24.
Oils, Refining animal and vegetable. B. Clayton. 2,190,593; Feb. 13.
Oils, Refining animal and vegetable. B. Clayton. 2,199,041; Apr. 30.
Oils, Refining animal and vegetable. B. Clayton and B. H. Thurman. 2,205,971; June 25.
Oils, Refining fatty. H. M. Stadt. 2,223,077; Nov. 26.
Oils, Refining glyceride. B. Clayton. 2,190,590; Feb. 13.
Oils, Refining glyceride. B. H. Thurman. 2,225,575; Dec. 17.
Oils, Refining glyceride-type. B. Clayton. 2,190,588–9; Feb. 13.
Oils, Refining hydrocarbon. D. F. Gould. 2,185,406; Jan. 2.
Oils, Refining hydrocarbon. G. A. Lorenz. 2,224,636; Dec. 10.
Oils, Refining hydrocarbon. E. R. P. E. Retailliau. 2,200,703–4; May 14.
Oils, Refining hydrocarbon. J. Walsko. 2,199,930–1; May 7.
Oils, Refining hydrocarbon. J. W. Weir. 2,209,865; July 30.
Oils, Refining mineral. J. A. Buchel and R. N. Jan Saal. 2,185,291; Jan. 2.
Oils, Refining of animal and vegetable. B. Clayton. 2,190,594; Feb. 13.
Oils, Refining vegetable. B. Clayton. 2,219,088; Oct. 22.
Oils, Refining vegetable. H. M. Duvall, Jr. 2,225,557; Dec. 17.
Oils, Refining vegetable. B. H. Thurman. 2,219,968; Oct. 29.
Oils, Refining viscous hydrocarbon. N. E. Lemmon. 2,187,883; Jan. 23.
Oils, Refining waxy mineral lubricating. E. Saegerbarth. 2,207,693; July 9.
Oils, Separating hydrocarbon. E. Bösin. 2,201,120; May 14.
Oils, Solvent extraction of glyceride. S. E. Freeman. 2,200,391; May 14.
Oils, Solvent refining petroleum. A. W. Hixson and R. Miller. 2,204,758; June 18.
Oils, Stabilization of. S. Musher. 2,198,212; Apr. 23.
Oils, Stabilization of copper treated. W. A. Schulze and G. H. Short. 2,222,122; Nov. 19.
Oils, Stabilization of glyceride. S. Musher. 2,198,213; Apr. 23.
Oils, Stabilization of glyceride. S. Musher. 2,198,215; Apr. 23.
Oils, Sulphurizing. H. T. Bennett. 2,206,151–2; July 2.
Oils, Sweetening hydrocarbon. C. M. Blair, Jr., and I. S. Boydstun. 2,208,505–10; July 16.
Oils, Treating. U. B. Bray. 2,218,518; Oct. 22.
Oils, Treating. J. A. Campbell, Jr. 2,218,519; Oct. 22.
Oils, Treating. R. S. McKinney. 2,185,414; Jan. 2.
Oils, Treating hydrocarbon. R. D. Howard. 2,205,410; June 25.
Oils, Treating mineral. M. R. Cannon and K. A. Varteressian. 2,214,401; Sept. 10.
Oils, Treating mineral. M. R. Fenske and W. B. McCluer. Re. 21,556; Sept. 10.
Oils, Treating mineral. M. R. Fenske and W. B. McCluer 2,189,647; Feb. 6.
Oils, Treating mineral. W. B. McCluer and M. R. Fenske. 2,191,767; Feb. 27.
Oils, Treating mineral. K. A. Varteressian. 2,214,443–4; Sept. 10.
Oils, Treating petroleum. J. W. Cushman. 2,191,372; Feb. 20.
Oils, Treating synthetic lubricating. H. Stokman. 2,199,940; May 7.
Oils, Treatment of. E. T. Seafe. 2,222,596; Nov. 26.
Oils, Treatment of glyceride. S. Musher. 2,199,364; Apr. 30.
Oils, Treatment of glyceride. S. Musher. 2,221,404; Nov. 12.
Oils, Treatment of hydrocarbon. R. B. Day. 2,189,058; Feb. 6.
Oils, Treatment of hydrocarbon. H. C. Dieserud. 2,224,570; Dec. 10.
Oils, Treatment of hydrocarbon. G. W. Gray. 2,193,625; Mar. 12.
Oils, Treatment of hydrocarbon. J. C. Morrell and W. L. Benedict. 2,197,873; Apr. 23.
Oils, Treatment of hydrocarbon. E. D. Phinney. 2,205,434; June 25.
Oils, Treatment of hydrocarbon. W. A. Schulze. 2,204,234; June 11.
Oils, Treatment of hydrocarbon. H. Tropsch. 2,194,335; Mar. 19.
Oils, Treatment of hydrocarbon. C. Wirth, III. 2,195,833; Apr. 2.
Oils, Treatment of hydrogenated. S. Musher. 2,201,112; May 14.
Oils, Treatment of lubricating. C. E. Andrews and M. R. Fenske. 2,211,944; Aug. 20.
Oils, Treatment of unsaturated hydrocarbon. H. B. Kipper. 2,221,301; Nov. 12.
Oils with light hydrocarbons, Dewaxing. W. J. Edmonds. 2,189,885; Feb. 13.
Oils with phosphorus pentoxide, Treatment of. A. P. Sachs. 2,191,043; Feb. 20.
Oily dispersion material. E. T. Clocker. 2,188,887; Jan. 30.
Olefin hydrocarbons, Isomerization of. H. Hoog. 2,217,252; Oct. 8.
Olefin oxidation and catalyst therefor. G. H. Law. 2,187,882; Jan. 23.
Olefin polymers, Hydrogenation of liquid. P. Herold, W. Kroenig, H. Kaufmann, and E. Donath. 2,215,876; Sept. 24.
Olefin separation. C. M. Hull. 2,190,025; Feb. 13.
Olefin-sulphur dioxide resins, Treatment of. J. Harmon. 2,190,836; Feb. 20.
Olefines, Hydration of. A. W. Francis. Re. 21,314; Jan. 9.
Olefinic condensation product combined with a phenol and method. E. T. Clocker. 2,188,890; Jan. 30.
Olefins, Catalytic polymerization of. H. Indest. 2,210,148; Aug. 6.
Olefins, Extraction of. W. R. Van Wijk. 2,205,996; June 25.

Olefins in a mixture containing olefins and paraffins, Increasing the concentration of. F. E. Frey, M. P. Matuszak, and R. D. Snow. 2,186,524; Jan. 9.
Olefins into valuable higher molecular products, Conversion of. W. Flemming and W. Baumeister. 2,185,405; Jan. 2.
Olefins, Isomerization of. A. J. van Peski and H. F. J. Lorang. 2,220,693; Nov. 5.
Olefins, Isomerization of normal. C. L. Thomas and H. S. Bloch. 2,216,284; Oct. 1.
Olefins, Oxidation of cyclic. N. D. Scott and J. F. Walker. 2,223,500; Dec. 3.
Olefins, Polymerization of. M. W. Perrin, J. G. Paton, and E. G. Williams. 2,188,465; Jan. 30.
Olefins, Polymerization of. D. R. Stevens and W. A. Gruse. 2,205,159; June 18.
Olefins, Production of aryl substituted. H. Muggleton, G. Minkoff, and J. E. Youell. 2,198,185; Apr. 23.
Olefins, Separation and segregation of. E. R. Gilliland. 2,209,452; July 30.
Olefins with sulphuric acid, Reacting. R. R. Dreisbach. 2,210,316; Aug. 6.
Oleo device for landing gears and the like. T. de Port. 2,185,801–2; Jan. 2.
1.4 alkylamino anthraquinone. J. Flaks. 2,205,191; June 18.
1-methyl-4-chloro-5-hydroxy naphthalene-1-sulphonic acid, Manufacture of. H. Lange and O. Hoffman. 2,199,568; May 7.
1-methyl-4-hydroxy-5-amino-and 1-methyl-4-amino-5-hydroxy-naphthalene-1-sulphonic acid, Manufacture of. H. Lange and O. Hoffmann. 2,213,194; Sept. 3.
1, 1'-dithio bis arylenethiazoles, Making. W. E. Messer. 2,223,042; Nov. 26.
One-way brake. W. A. Duffield. 2,215,548; Sept. 24.
One-way clutch. W. A. Jex. 2,194,228; Mar. 19.
Ooze to enable it to be transported, Treatment of. O. Weber. 2,207,470; July 9.
Opacifier. G. H. McIntyre, M. J. Bahnsen, and B. J. Sweo. 2,189,148; Feb. 6.
Opacifier for vitreous enamels. W. J. Harshaw and W. D. Stillwell. 2,199,794; May 7.
Opacifier for vitreous enamels. W. J. Harshaw and W. D. Stillwell. 2,200,170; May 7.
Open line shaft bearing. J. M. Hait. 2,208,975; July 23.
Opener and liquid dispenser, Combined container. J. S. Kahn. 2,203,156; June 4.
Opener and spout, Container. J. K. M. Harrison and W. E. Flack. 2,212,019; Aug. 20.
Opener and stripper, Cable. H. J. Yagel. 2,220,631; Nov. 5.
Opener, Automatic lock. F. P. Kamp. 2,189,346; Feb. 6.
Opener, Bottle. W. T. Pearson. 2,205,152; June 18.
Opener, Can. W. H. Curtis. 2,186,668; Jan. 9.
Opener, Can. M. C. Frins. 2,190,940; Feb. 20.
Opener, Can. F. W. Kublin. 2,204,368; June 11.
Opener, Can. E. Meier and M. L. Grob. 2,195,253; Mar. 26.
Opener, Can. W. F. Punte. 2,218,437; Oct. 15.
Opener, Carcass. C. H. Hart. 2,198,814; Apr. 30.
Opener, Container. J. M. Hothersall. 2,188,352; Jan. 30.
Opener, Drain. W. C. Lundstrom. 2,215,360; Sept. 17.
Opener, Electric door latch. C. E. Gaffney. 2,218,038; Oct. 15.
Opener, Envelope. O. Maximilian. 2,204,763; June 18.
Opener, Envelope. N. A. G. Söderlind. 2,187,634; Jan. 16.
Opener, Letter. A. G. Rosa. 2,224,162; Dec. 10.
Opener, Package. S. Wyres. 2,204,267; June 11.
Opener, Pin. C. A. Cooper. 2,226,237; Dec. 24.
Openings in arcuate surfaces, Providing non-radial tubular. E. S. Cornell, Jr. 2,210,141; Aug. 6.
Operable mechanism, Selectively. M. W. Kenney. 2,219,687; Oct. 29.
Operating and latching devices for swinging window panels. E. G. Simpson. 2,196,478; Apr. 9.
Operating and locking mechanism for window screens and the like. S. A. Spencer. 2,194,774; Mar. 26.
Operating control for film handling apparatus. W. E. Merriman and C. W. Carroll. 2,226,175; Dec. 24.
Operating device for poultry droppings belt. D. H. Hill. 2,214,462; Sept. 10.
Operating handle. A. Oberhoffken. 2,204,907; June 18.
Operating means for canopy doors. D. H. Morgan. 2,222,151; Nov. 19.
Operating means for elevator gates. H. L. Richardson. 2,214,309; Sept. 10.
Operating means for fuses, Centrifugal. H. Junghans. 2,190,157; Feb. 13.
Operating means for indicating systems and apparatus. L. Boddy. 2,214,008; Sept. 10.
Operating means for permeability-tuned devices. M. J. Kirk. 2,217,984; Oct. 15.
Operating means for pinking devices. V. J. Sigoda. 2,189,965; Feb. 13.
Operating mechanism for aircraft wing flaps. A. Kunze. 2,218,114; Oct. 15.
Operating mechanism for dispensing devices. P. A. Wooster. 2,197,284; Apr. 16.
Operating mechanism for injector overflow valves. E. Rawson. 2,203,103; June 4.
Operating mechanism for load brake devices. B. H. Browall. 2,205,514; June 25.
Operating mechanism for pressing machines. G. A. Braun. 2,221,755; Nov. 19.
Operating mechanism for washing machine assemblies. T. W. Kaestner. 2,200,175; May 7.
Operating position adjustment for harvesting machines. H. Kamplade. 2,203,022; June 4.
Operating table. R. Alopaeus. 2,186,660; Jan. 9.
Operating table. W. D. Bell. 2,217,783; Oct. 15.
Operations in a metal cutting or like machine, Controlling a sequence of. A. C. Wickman. 2,192,822; Mar. 5.
Operator for cover for soaking pit furnaces. W. A. Morton and H. F. Spencer. 2,223,635; Dec. 3.
Ophthalmic device. R. Malcom. 2,224,793; Dec. 10.
Ophthalmic instrument. G. C. Favre. 2,223,361; Dec. 3.
Ophthalmic mounting. S. E. Bouchard. 2,204,470; June 11.
Ophthalmic mounting. C. O. Cozzens. 2,206,880; July 9.
Ophthalmic mounting. G. A. Ellestad. 2,203,408; June 4.
Ophthalmic mounting. L. L. Gagnon. 2,216,613; Oct. 1.
Ophthalmic mounting. L. L. Gagnon. 2,223,607; Dec. 3.
Ophthalmic mounting. F. W. Lindblom. 2,221,736; Nov. 12.
Ophthalmic mounting. R. Malcom. 2,194,401; Mar. 19.
Ophthalmic mounting. S. Markell. 2,214,377; Sept. 10.
Ophthalmic mounting. J. J. Pomeranz. 2,196,872; Apr. 16.
Ophthalmic mounting. R. H. Simonds. 2,222,445; Nov. 19.
Ophthalmic mounting. E. M. Splaine. 2,222,545; Nov. 19.
Ophthalmic mounting. E. M. Splaine. 2,223,646; Dec. 3.
Ophthalmic mounting. F. A. Stevens. 2,192,208; Mar. 5.
Apr. 9.
Ophthalmic mounting. H. H. Styll. 2,211,084; Aug. 13.
Ophthalmic mounting and attaching same. B. A. Diggins. 2,225,038; Dec. 17.
Ophthalmic mounting, Bifocal. L. J. Page. 2,197,020; Apr. 16.
Ophthalmoscope. T. Graff. 2,195,169; Mar. 26.
Ophthalmoscope and lens disk therefor. H. S. Rubens. 2,199,188; Apr. 30.
Opposed twin cylinder engine. C. E. Fisher. 2,212,595; Aug. 27.
Optical apparatus. H. G. Miller. 2,189,568; Feb. 6.
Optical arrangement for scanning machines. K. Schlesinger. 2,191,182; Feb. 20.
Optical assembly, Unitary. M. E. Collins. 2,196,583; Apr. 9.
Optical device. E. M. Branson. 2,190,646; Feb. 20.
Optical device. J. H. Jeffree. 2,193,422; Mar. 12.
Optical device. J. Rooney. 2,209,579; July 30.
Optical exposure meter. A. Leber. 2,195,748; Apr. 2.
Optical filter. M. Centeno, V. 2,186,203, Jan. 9.
Optical image reproducer. F. Coeterier and M. C. Teves. 2,196,854; Apr. 9.
Optical inspection apparatus. H. K. Hybarger. 2,196,922; Apr. 9.
Optical instrument. J. L. Barnes. 2,204,291; June 11.
Optical instrument. C. M. Jones. 2,190,564; Feb. 13.
Optical means for detecting counterfeit money. E. W. Horan. 2,194,227; Mar. 19.
Optical polarizing system. M. Berek. 2,192,295; Mar. 5.
Optical projecting apparatus. C. M. Hepworth and P. Kimberley. 2,196,918; Apr. 9.
Optical projecting mechanism. C. F. Thompson. 2,186,049; Jan. 9.
Optical projection device. C. Waldeyer. 2,186,052; Jan. 9.
Optical scanning apparatus using mirror helix. H. E. Ives. 2,199,433; May 7.
Optical sighting apparatus. C. D. Macgill. 2,190,569; Feb. 13.
Optical sizing apparatus. R. A. Cole. 2,213,024; Aug. 27.
Optical system. J. Bergmans. 2,187,071; Jan. 16.
Optical system. J. Bergmans, P. M. van Alphen, and H. van der Veen. 2,192,886; Mar. 12.
Optical system. B. A. Diggins. 2,225,039; Dec. 17.
Optical system. M. J. Herzberger. 2,186,605; Jan. 9.
Optical system. H. G. Ott. 2,198,014; Apr. 23.
Optical system. K. Räntsch. 2,189,298; Feb. 6.
Optical system. M. T. Schomacker. 2,196,597; Apr. 9.
Optical system for color photography. W. H. and E. C. Harrison. 2,186,412; Jan. 9.
Optical system for dual beam automobile headlights. H. A. H. J. Schaffner. 2,219,848; Oct. 29.
Optical system for luminaires, Removable. H. W. Alexander. 2,226,300; Dec. 24.
Optical system for sound film apparatus, Monitoring. L. T. Sachtleben. 2,206,645; July 2.
Optology. G. J. Haddad, H. R. Cox, and W. W. Thomas. 2,212,597; Aug. 27.
Optometric apparatus. B. G. Russell. 2,225,846; Dec. 24.
Oral massaging device. L. L. Fuller. 2,217,439; Oct. 8.
Orchard and hothouse heater. C. W. Stewart. 2,215,670; Sept. 24.
Orchard heater. H. J. Lambert. 2,210,419; Aug. 6.
Orchard heater. J. Widman. 2,213,509; Sept. 3.
Orchard heater. E. R. Yundt. 2,206,931; July 9.
Orchard heating apparatus. J. Birrell. 2,217,536; Oct. 8.
Orchard protective system. J. D. R. De Land. 2,208,881; July 23.
Orchestra monitoring system, Electronic. B. F. Miessner. 2,225,196; Dec. 17.

Order indicator. G. A. Novak and G. Williams. 2,187,327; Jan. 16.
Orders in retail stores, Filling. L. P. Shield. 2,217,647; Oct. 8.
Ordnance, Piece of. P. E. J. Denoix. 2,194,849; Mar. 26.
Ordnance, Piece of. P. E. J. Denoix. 2,199,878; May 7.
Ore, Apparatus for crushing or grinding. J. W. Bell. 2,189,441; Feb. 6.
Ore concentrating machine. G. Kunkle. 2,221,589; Nov. 12.
Ore concentration. A. M. Gaudin and J. D. Vincent. 2,195,724; Apr. 2.
Ore, Decomposing zirconium. L. Teichmann and H. Martini. 2,204,454; June 11.
Ore, differential flotation of mixed sulphide. W. D. Green. 2,205,194; June 18.
Ore extraction. A. J. Elian and C. F. Párraga. 2,226,164; Dec. 24.
Ore mill. W. C. McKeirnan. 2,222,821; Nov. 26.
Ore mill. R. E. Mitzel. 2,215,761; Sept. 24.
Ore milling machine, Soft. E. W. Wheeler. 2,221,679; Aug. 13.
Ore recovery apparatus, Precious. H. L. Wick. 2,217,532; Oct. 8.
Ore reducing and digesting process. R. K. Moreland. 2,188,305; Jan. 30.
Ore separator. H. C. Heath. 2,198,816; Apr. 30.
Ore, Treating iron. K. M. Simpson. 2,199,654; May 7.
Ore treatment. H. W. B. de W. Erasmus and C. E. Cormack. 2,197,146; Apr. 16.
Ore, Treatment of sylvinite. A. J. Weinig. 2,222,332; Nov. 19.
Ores and flotation agents therefor, Concentrating. A. W. Ralston, W. O. Pool, and J. Harwood. 2,185,968; Jan. 2.
Ores and other minerals by the sink and float process, Concentration of. A. Pearson. 2,206,574; July 2.
Ores and the like, Extracting. A. C. van Es. Re. 21,335; Jan. 23.
Ores by hindered settling separation, Separating soluble. J. P. Rasor. 2,214,206; Sept. 10.
Ores, Concentrating. L. D. Anderson. Re. 21,566; Sept. 17.
Ores, Concentrating. H. A. Doerner and D. L. Harris. 2,205,923; June 25.
Ores, Concentrating radium bearing. H. Fleck. 2,199,697; May 7.
Ores, Flotation of. E. Ott. 2,203,740; June 11.
Ores, Gravity separation of. H. H. Wade. 2,206,980; July 9.
Ores, Method of and apparatus for reducing enriched iron. C. Q. Payne. 2,206,973; July 9.
Ores, Process and apparatus for oxidizing sulphide. L. W. Booton and R. R. Burns. 2,210,479; Aug. 6.
Ores, Reducing. E. W. Davis. 2,204,576; June 18.
Ores, Refining clayey iron. H. Yamagata. 2,205,896; June 25.
Ores to facilitate extraction of metals, Preparing. K. M. Simpson. 2,200,563; May 14.
Ores to produce zinc sulphate and hydrogen sulphide, Treating zinc sulphide. H. F. Saunders and C. E. Penoyer. 2,222,468; Nov. 19.
Ores, Treating. J. T. Terry. 2,196,233; Apr. 9.
Ores, Treating lead oxidized. E. Eisenhauer, Jr. 2,225,626; Dec. 24.
Ores, Treating sylvinite. A. J. Weinig. 2,211,396; Aug. 13.
Ores, Treating vanadium. G. A. Hatherell. 2,197,241; Apr. 16.
Ores, Treatment of. O. F. Marvin. 2,187,750; Jan. 23.
Ores, Treatment of chromium. I. E. Muskat and N. Howard. 2,185,218; Jan. 2.
Ores, Treatment of iron. K. Koller and Z. Gálocsy. 2,219,046; Oct. 22.
Ores, Treatment of sulphide. J. Pande. 2,219,633; Oct. 29.
Organ. J. H. Wick. 2,191,734; Feb. 27.
Organ, Electric. W. F. Curtis. 2,201,388; May 21.
Organic compound. J. E. Bludworth. 2,198,651; Apr. 30.
Organic compound and producing the same. E. I. Eisenstaedt. 2,194,201; Mar. 19.
Organic compound, High-molecular. K. Koeberle and O. Schlichting. 2,187,819; Jan. 23.
Organic compound, Nitrogen-containing. H. A. Piggott and J. D. Rose. 2,203,506; June 4.
Organic compounds and their preparation, Nitrogen-containing. A. J. van Peski. 2,196,447; Apr. 9.
Organic compounds containing hydroxy groups, Introducing double bonds into. K. A. F. Pelikan, E. F. R. Schuelke, and J. F. Gerkens. 2,209,065; July 23.
Organic compounds, Halogenated. E. R. Buchman. 2,193,858; Mar. 19.
Organic compounds, Manufacture of. G. Lord and G. Reeves. 2,189,012; Feb. 6.
Organic compounds, Production of. J. H. Clayton and B. Bann. 2,212,175; Aug. 20.
Organic compounds, Production of. A. G. Houpt. 2,217,516; Oct. 8.
Organic compounds, Production of oxygenated. W. A. Bone and D. M. Newitt. 2,199,585; May 7.
Organic compounds, Purification of. T. W. Rosebaugh. 2,192,489; Mar. 5.
Organic compounds, Transformation of. F. O. Rice. 2,190,369; Feb. 13.
Organic condensation. V. L. Hansley. 2,218,026; Oct. 15.
Organic materials comprising organic esters, Manufacture and treatment of. H. Dreyfus. 2,206,946; July 9.
Organic matter, Decomposition of. G. H. Roeder. 2,209,613; July 30.
Organic phosphates. C. L. Moyle. 2,223,329; Nov. 26.
Organic products, Tempering porous. J. M. Baer. 2,220,880; Nov. 12.
Organic substances, Sulphonation of unsaturated. T. C. Oliver. 2,203,440; June 4.
Organogel. E. Trommsdorff. 2,200,709; May 14.
Orifice for containers, Closable. L. S. Hunter. 2,211,977; Aug. 20.
Orifice for fluid treatment apparatus, Floating. W. H. Hinsch. 2,207,378; July 9.
Ornament. D. H. Crosser. 2,186,327; Jan. 9.
Ornament. D. H. Crosser. 2,197,577; Apr. 16.
Ornament. J. Kreisler and A. Szeglin. 2,220,038; Oct. 29.
Ornament. W. C. Protz. 2,191,041; Feb. 20.
Ornament. W. C. Protz. 2,201,201; May 21.
Ornament and lamp support for use on Christmas trees, etc. F. W. M. Schneider. 2,205,496; June 25.
Ornament and making the same. M. Baumstark. 2,211,487; Aug. 13.
Ornament and support, Christmas tree base. K. W. Jarnagin. 2,190,544; Feb. 13.
Ornament, Christmas tree. M. A. Fishel. 2,220,568; Nov. 5.
Ornament, Identification. W. Forstner. 2,192,883; Mar. 12.
Ornament, Wire. E. P. Cremer. 2,211,883; Aug. 20.
Ornamental article and making same. D. J. Kelman. 2,197,615; Apr. 16.
Ornamental article and making the same. S. N. Nye. 2,215,130; Sept. 17.
Ornamental article of manufacture. E. P. Franke. 2,212,638; Aug. 27.
Ornamental articles, Manufacturing. E. E. Howe. 2,186,381; Jan. 9.
Ornamental box. J. M. Shields, Jr. 2,187,183; Jan. 16.
Ornamental chain. W. F. Hess. 2,217,339; Oct. 8.
Ornamental decorative device, Electrically lighted. J. Petry. 2,217,877; Oct. 15.
Ornamental device. O. Placco. 2,205,908; June 25.
Ornamental flower holder. E. C. Gebs. 2,187,450; Jan. 16.
Ornamental material. J. E. Stark and H. E. Christopherson. 2,214,237; Sept. 10.
Ornamental object. R. N. Barrett. 2,185,492; Jan. 2.
Ornamental object, Artificial. G. J. Houle. 2,216,440; Oct. 1.
Ornamental piece for corners of burial containers. E. H. Thoresen. 2,213,506; Sept. 3.
Ornamentation forming and feeding apparatus. W. A. Herrmann and C. Adensam. 2,223,890; Dec. 3.
Ornamentations on furs, Changing surface. H. A. Kusikoff. 2,188,601; Jan. 30.
Ornaments, Safety back device for ear. P. Reiter. 2,208,343; July 16.
Ortho- and para-nitrophenyl-trifluoromethyl-sulphoxides, oxidation products thereof and preparing the same. W. Schumacher, O. Scherer, and F. Müller. 2,191,062; Feb. 20.
Orthodontic adjusting tool. J. A. Linde. 2,187,747; Jan. 23.
Orthodontic appliance and producing the same. S. R. Atkinson. 2,196,515–6; Apr. 9.
Orthopedic apparatus. W. D. Lang Ford. 2,206,038–9; July 2.
Orthoptic exercises. J. F. Neumueller. 2,211,072; Aug. 13.
Orthoptic instrument. J. J. Cullen. 2,194,355; Mar. 19.
Orthoptic training. R. Greenspoon. 2,213,467; Sept. 3.
Oscillating mechanical or electromechanical system. R. B. Wright. 2,224,891; Dec. 17.
Oscillation apparatus, Electromagnetic. A. Allerding and W. Dallenbach. 2,226,653; Dec. 31.
Oscillation apparatus, Ultra-high-frequency. W. Dallenbach. 2,200,023; May 7.
Oscillation generation. J. van Slooten. 2,205,233; June 18.
Oscillation generation circuit. H. Gutton and B. Michel. 2,219,648; Oct. 29.
Oscillation generator. R. Andrieu and M. Geiger. 2,193,850; Mar. 19.
Oscillation generator. W. Buschbeck. 2,206,388; July 2.
Oscillation generator. J. F. Farrington. 2,205,190; June 18.
Oscillation generator. M. Geiger. 2,207,511; July 9.
Oscillation generator. C. W. Hansell. 2,220,956; Nov. 12.
Oscillation generator circuit. R. H. Siemens. 2,192,205; Mar. 5.
Oscillation generator, Electrical. D. J. Fewings. 2,207,509; July 9.
Oscillation restraint device. O. K. Kjolseth. 2,227,140; Dec. 31.
Oscillation translating system. O. M. Dunning. 2,208,940; July 23.
Oscillations, Arrangement for generating tilting. K. Schlesinger. 2,188,288; Jan. 23.
Oscillations, Arrangement for modulating high-frequency. K. Christ. 2,223,058; Nov. 26.

Oscillations, Damping. B. von Schlippe. 2,195,041; Mar. 26.
Oscillations in high frequency arrangements, Suppressing parasitic. E. Heinecke. 2,217,408; Oct. 8.
Oscillations of rotating shafts, Damping. P. Kapitza. 2,220,524; Nov. 5.
Oscillative indicating instrument. G. B. Moross. 2,205,574; June 25.
Oscillator. M. Geiger. 2,196,825; Apr. 9.
Oscillator. R. H. George and H. J. Heim. 2,216,169; Oct. 1.
Oscillator circuit. D. A. Bell. 2,225,897; Dec. 24.
Oscillator control device, Electric. I. Wolff. 2,210,518; Aug. 6.
Oscillator, Diode. F. B. Llewellyn. 2,190,668; Feb. 20.
Oscillator, Double resonance. W. van B. Roberts. 2,223,967; Dec. 3.
Oscillator for generation of high frequencies, Electrical. W. Flechsig. 2,203,085; June 4.
Oscillator, Impulse modulated magnetron. R. A. Braden. 2,211,404; Aug. 13.
Oscillator, Low frequency. J. Markowitz. 2,190,078; Feb. 13.
Oscillator mechanism. V. J. Chapman. 2,198,472; Apr. 23.
Oscillator, Piezoelectric. W. Schneider. 2,194,676; Mar. 26.
Oscillator, Piezoelectric controlled. A. L. Samuel. 2,189,770; Feb. 13.
Oscillator, principally organ pipe, Acoustical. N. P. R. Jarnak. 2,191,058; Feb. 20.
Oscillator, Relaxation. D. H. Black. 2,213,855; Sept. 3.
Oscillator system, Ultra high frequency. C. W. Hansell. 2,196,392; Apr. 9.
Oscillator tracking arrangement, Permeability-tuned. D. V. Sinninger. 2,190,048; Feb. 13.
Oscillator tuning system. L. R. Kirkwood. 2,209,982; Aug. 6.
Oscillator, Ultra high frequency. R. H. George. 2,216,170; Oct. 1.
Oscillator with amplifier coupling. J. W. Conklin. 2,197,124; Apr. 16.
Oscillator with self-adjusting grid excitation, Multiple wave. A. Senauke. 2,186,434; Jan. 9.
Oscillatory circuit. H. E. Hollmann. 2,216,176; Oct. 1.
Oscillograph. R. H. George. 2,211,325; Aug. 13.
Oscillograph apparatus. R. H. George. 2,185,373; Jan. 2.
Oscillograph circuit. R. Andrieu. 2,196,845; Apr. 9.
Oscillograph galvanometer. J. A. Maurer, Jr. 2,207,064; July 9.
Oscillograph system, Multicontrol. B. E. Moritz, Jr. 2,186,388; Jan. 9.
Oscillograph, Two-stage. P. T. Farnsworth. 2,216,266; Oct. 1.
Oscillographic apparatus, Recording. W. E. Pakala. 2,186,268; Jan. 9.
Osmium composition and making same. A. R. Devereux and C. Pfanstiehl. 2,206,616; July 2.
Outboard motor. D. R. Clarke. 2,207,372; July 9.
Outboard motor. W. C. Conover. 2,185,457; Jan. 2.
Outboard motor. W. C. Conover. 2,201,987; May 28.
Outboard motor. W. C. Conover. 2,224,900; Dec. 17.
Outboard motor. L. J. and H. L. Johnson. 2,209,301; July 23.
Outboard motor. F. V. Kuzmitz. 2,227,392; Dec. 31.
Outboard motor. K. C. Solie. 2,213,536; Sept. 3.
Outboard motor support. W. Taylor. 2,212,675; Aug. 27.
Outlet. C. M. Ashley. 2,206,995; July 9.
Outlet and fitting therefor, Waste and overflow. W. C. Groeninger. 2,223,365; Dec. 3.
Outlet box. J. E. Hallberg. 2,211,929; Aug. 20.
Outlet box. E. Klarfeld. 2,216,883; Oct. 8.
Outlet control device, Permanent. C. N. O'Day. 2,224,312; Dec. 10.
Outlet control valve for fuel pumps. M. W. Huber. 2,212,833; Aug. 27.
Outlet receptacle switch. E. J. Zelt. 2,201,875; May 21.
Outlet system for audio frequencies, Multiple. C. R. Wallace and R. Burgess. 2,205,447; June 25.
Outlet valve. V. Willoughby. 2,201,805; May 21.
Outlet valve, Top operated. J. J. McBride. 2,190,723; Feb. 20.
Output control for internal combustion engines. J. Weber, H. Stoll, and M. Hurst. 2,190,630; Feb. 13.
Outside pipe cutter. W. L. Church. 2,223,984; Dec. 3.
Outsole and making the same. W. P. Le Rette. 2,209,406; July 30.
Oven. A. Del Signore. 2,195,686; Apr. 2.
Oven. F. S. Wheeler. 2,214,630; Sept. 10.
Oven and burner therefor. I. V. Brumbaugh. 2,193,055; Mar. 12.
Oven and heat control therefor, Cooking. W. H. Sickinger. 2,224,552; Dec. 10.
Oven, Baker's and like. J. E. Pointon and C. Dumbleton. 2,205,576; June 25.
Oven, Baking. J. V. Cook. 2,189,167; Feb. 6.
Oven, Baking. C. Gottfried. 2,217,312; Oct. 8.
Oven, Baking. E. M. Meacham. 2,204,045; June 11.
Oven, Baking. G. Stavrou. 2,201,801; May 21.
Oven charging-hole closure construction, Coke. W. Schmidt. 2,203,698; June 11.
Oven, Coke. F. F. R. A. Gilles. 2,193,000; Mar. 12.
Oven, Coke. O. Hellmann. 2,193,456; Mar. 12.
Oven, Coke. C. Otto. 2,194,404; Mar. 19.
Oven, Coke. P. M. Pinckard. 2,208,053; July 16.
Oven, Coking retort. J. Becker. 2,207,573; July 9.
Oven, Coking retort. J. van Ackeren. 2,200,377; May 14.
Oven, Coking retort. J. van Ackeren. 2,205,839; June 25.
Oven, Cooking stove. J. C. Rogers. 2,207,358; July 9.
Oven, Domestic. R. F. Davis. 2,186,857; Jan. 9.
Oven, Double tier. F. J. O'Brien and A. L. Kronquest. 2,222,514; Nov. 19.
Oven for the heat treatment of coal and other solid materials, Rotary. H. F. J. Baptist. 2,219,407; Oct. 29.
Oven for the low temperature distillation of coal, lignite, or the like. F. Tassara. 2,219,084; Oct. 22.
Oven, Gas. J. E. Neale and A. Guest. 2,226,907; Dec. 31.
Oven heating and control system, Multiple. S. R. Porwancher. 2,202,995; June 4.
Oven, Metal sheet drying. F. S. Bailey. 2,198,362; Apr. 23.
Oven or the like for the production of gas and coke, Horizontal chamber. P. van Ackeren. 2,225,359; Dec. 17.
Oven panel. H. L. Grapp. 2,209,816; July 30.
Oven, Portable baking. B. C. Bartlebaugh. 2,189,875; Feb. 13.
Oven, Portable building material. C. N. Spidell and J. A. Skaggs. 2,218,589; Oct. 22.
Oven rack. R. Burr. 2,189,240; Feb. 6.
Oven rack glide. A. Barnsteiner. 2,225,762; Dec. 24.
Oven, Regenerative coke. H. Petsch. 2,203,285; June 4.
Oven reinforcing means, Coke. C. Otto. 2,199,510; May 7.
Oven, Stabilized tray. A. Haupt. 2,201,231; May 21.
Oven structure, Coke. F. Denig. 2,186,237; Jan. 9.
Oven, Traveling tray. S. J. Holm. 2,220,718; Nov. 5.
Oven, Underfired coke. C. Otto. 2,216,983; Oct. 8.
Oven, Underfired regenerative coke. W. Stäckel. 2,199,513; May 7.
Oven, Underfired regenerator coke. C. Otto. 2,224,920; Dec. 17.
Oven used for the carbonization at low temperatures of oil shale, lignite, coal, and similar materials, Tunnel. I. Soubbotin and V. Romanoff. 2,208,705; July 23.
Oven wall construction. C. L. Gehnrich. 2,206,693; July 2.
Ovens for the production of gas and coke, Continuously operated vertical chamber or retort. H. Koppers. 2,200,371; May 14.
Ovens, Heating of bakers' and like. J. E. Pointon and C. Dumbleton. 2,203,180; June 4.
Ovens, Operating coke. C. Otto. 2,195,466; Apr. 2.
Overalls. J. I. Chait and H. Raak. 2,187,447; Jan. 16.
Overarm actuating mechanism. F. A. Hassman. 2,218,469; Oct. 15.
Overcoat. C. B. Shane. Re. 21,676; Dec. 24.
Overcoat. F. Wolf. 2,186,918; Jan. 9.
Overdrive and free wheeling transmission, Planetary. W. B. Barnes. 2,214,986; Sept. 17.
Overdrive control system. E. M. Claytor. 2,214,099–100; Sept. 10.
Overdrive indicator. M. E. Lange. 2,187,831; Jan. 23.
Overfeed device. C. D. Ryder. 2,202,269; May 28.
Overfill preventer for storage batteries. C. W. Yelm. 2,189,158; Feb. 6.
Overflush mechanism for toilets. S. M. Moriya. 2,188,610; Jan. 30.
Overhead door. C. V. Frisk. 2,211,230; Aug. 13.
Overhead door. J. T. St. John, Jr. 2,213,230; Sept. 3.
Overhead tank valve. H. D. Dodd. 2,215,916; Sept. 24.
Overload clutch. J. W. Srodulski. 2,212,252; Aug. 20.
Overload clutch. C. L. Trier and J. H. Livingston.
Overload cutout switch. A. L. Judson. 2,200,845; May 14.
Overload protection system, Motor. B. E. O'Hagan. 2,203,920; June 11.
Overload protective scheme. R. T. Kintzing. 2,196,418; Apr. 9.
Overload release mechanism. E. E. Landahl. 2,202,497; May 28.
Overload release, Selective automatic. N. L. Etten. 2,225,470; Dec. 17.
Overload switch. D. S. Rivers. 2,207,160; July 9. 2,207,038; July 9.
Overrunning clutch. R. H. Hill. 2,209,459; July 30.
Overshoe. L. Hamalainen. 2,188,603; Jan. 30.
Overshoe. L. H. L'Hollier. 2,188,440; Jan. 30.
Oxalkyl derivatives of imidazolines. A. Chwala. 2,211,001; Aug. 13.
Oxazines of the anthraquinone series and preparing them. G. Kränzlein, E. Diefenbach, and F. Eggert. 2,206,610; July 2.
Oxidation process. H. O. Renner and L. W. Haas. 2,198,015; Apr. 23.
Oxidation, Retarding. S. Musher. 2,198,219; Apr. 23.
Oxide cathode. A. Etzrodt. 2,222,021; Nov. 19.
Oxide coatings on nickel and nickel alloys, Producing colored. C. G. Crocker, G. K. Crosby, and R. R. Clappier. 2,206,392; July 2.
Oxide compositions, Diphenylene. F. M. Clark. 2,198,473; Apr. 23.
Oxide gel catalysts, Reactivating synthetic. A. Voorhies, Jr. 2,215,305; Sept. 17.
Oxides of phenolic amines. H. A. Bruson and R. F. McCleary. 2,220,835; Nov. 5.

Oxides, Reduction of. H. Gallusser. 2,191,377; Feb. 20.
Oxy-acids obtained from oxidized hydrocarbons, Refining. A. L. Blount. 2,220,506; Nov. 5.
Oxy-gas cutting method. W. S. Walker. 2,209,682; July 30.
Oxygen flow regulator for aircraft. F. Cordero. 2,192,895; Mar. 12.
Oxygen from gaseous mixtures, Recovery of. K. C. Warne and J. W. Woolcock. 2,217,850; Oct. 15.
Oxygen generating composition. N. Smith. 2,207,074; July 9.
Oxygen regulator. S. Cerstvik. 2,197,922; Apr. 23.
Oxygen regulator. D. P. Johnson. 2,220,905; Nov. 12.
Ozone control for precipitators. G. W. Penney. 2,189,614; Feb. 6.
P-carbamidobenzenesulfonamide and producing it. M. S. Kharasch and O. Reinmuth. 2,191,432; Feb. 20.
Pack, Camper's. R. Despain. 2,197,427; Apr. 16.
Pack extension and liner, Fresh fruit. G. Sykes. 2,190,955; Feb. 20.
Pack, Fold. G. U. Lacroix. 2,189,608; Feb. 6.
Pack of business forms and making the same. L. W. Goodell. 2,226,765; Dec. 31.
Pack of gaskets. L. F. Olt. 2,206,262; July 2.
Pack, Paper dispensing. N. Fleischer. 2,207,917; July 16.
Package. H. Escobales. 2,204,850; June 18.
Package. J. M. Freed. 2,197,859; Apr. 23.
Package. G. W. Greenwood. 2,227,341; Dec. 31.
Package. J. T. Hartnett and C. J. Emerson. 2,219,183; Oct. 22.
Package. L. M. Harvey. 2,222,072; Nov. 19.
Package. J. W. Little. 2,201,956; May 21.
Package. M. J. Milmoe. 2,224,504; Dec. 10.
Package. H. H. Moss. 2,197,506; Apr. 16.
Package. H. E. Popp. 2,195,495; Apr. 2.
Package. S. Price and E. C. Sloan. 2,217,455; Oct. 8.
Package. H. B. Tolley. 2,196,404; Apr. 9.
Package. J. Yates. 2,186,087; Jan. 9.
Package accessory. J. M. Murphy and T. A. Burba, Jr. 2,185,605; Jan. 2.
Package and match holder, Cigarette. J. E. Heraty. 2,185,299; Jan. 2.
Package and matches, Combination cigarette. W. Lowe. 2,190,408; Feb. 13.
Package and noncorrodible container. F. C. Atwood. 2,204,746; June 18.
Package construction, Sanitary display. H. H. Lindley. 2,225,060; Dec. 17.
Package, Cross-wound. C. F. Beran. 2,197,847; Apr. 23.
Package, Dispensing. R. Bunch. 2,199,657; May 7.
Package, Dispensing. W. F. Innes. 2,195,369; Mar. 26.
Package, Display. W. C. Miles. 2,195,577; Apr. 2.
Package, Display and shipping. J. W. Kane. 2,224,850; Dec. 17.
Package, Duplex. W. R. Groshong. 2,197,219; Apr. 16.
Package for carbon paper. R. R. Taylor. 2,196,482; Apr. 9.
Package for coffee or the like. L. D. Soubier. 2,194,451; Mar. 19.
Package for fragile articles. W. A. Ringler. 2,197,510; Apr. 16.
Package for frozen confections or the like. C. W. Vogt. 2,227,236; Dec. 31.
Package for infusing material. C. Luckhaupt. 2,193,974; Mar. 19.
Package for merchandising chewing gum. C. C. Baldwin. 2,210,194–6; Aug. 6.
Package for roll film. W. Zapp. 2,218,966; Oct. 22.
Package for scouring devices. E. S. Bradford, Jr. 2,190,693; Feb. 20.
Package for strip labels. T. Riley. 2,201,921; May 21.
Package holder, Mutilple yarn. H. Naumann. 2,197,747; Apr. 16.
Package, Infusion. L. L. Salfisberg. 2,192,605; Mar. 5.
Package insert adaptable for the mounting of fine filamentous thread in annular package form. C. A. Huttinger. 2,191,108; Feb. 20.
Package, Mailing. E. J. Hoffmann. 2,224,455; Dec. 10.
Package, Making a. J. Yates. 2,213,602; Sept. 3.
Package, Merchandising. E. M. Brogden. 2,204,118; June 11.
Package, Merchandising. W. A. Ringler. 2,205,437; June 25.
Package numbering or lettering machine. W. N. Freed. 2,202,762; May 28.
Package of liquid or plastic material. C. W. Vogt. 2,214,944; Sept. 17.
Package of pins, Display. F. E. B. Tate. 2,216,217; Oct. 1.
Package or crate. G. C. Colburn, Jr. 2,194,008; Mar. 19.
Package production, Flexible refrigerating. C. F. Brown. 2,203,591; June 4.
Package refrigeration. W. E. Moore. 2,210,946; Aug. 13.
Package roll and protector therefor. C. A. Ross. Re. 21,516; July 23.
Package, Sealed. J. J. Pahls and A. C. J. Tamm. 2,206,118; July 2.
Package, Shipping. F. M. Kelly. 2,203,199; June 4.
Package, Shipping. F. N. Libbey. 2,187,382; Jan. 16.
Package tying machine. G. A. Dunn and J. Eldridge. 2,206,300; July 2.
Package wrap. W. B. Ranney. 2,208,229; July 16.
Packages, Method and device for wrapping. O. E. Hacker. 2,188,750; Jan. 30.
Packages, Method and machine for wrapping. R. C. Demler. 2,215,545; Sept. 24.
Packages, Wrapping. E. A. Nordberg. 2,203,058; June 4.
Packaging. R. Guyer. 2,214,997; Sept. 17.
Packaging. R. E. Hanson. 2,209,200; July 23.
Packaging. A. W. Lindholm. 2,202,213; May 28.
Packaging apparatus. J. Tamassy. 2,208,951; July 23.
Packaging device and method. F. H. Meendsen. 2,192,982; Mar. 12.
Packaging machine. B. A. Bemis. 2,194,633; Mar. 26.
Packaging machine. S. R. Howard. 2,204,134; June 11.
Packaging machine. W. S. Reynolds. 2,202,600; May 28.
Packaging machine and method of packaging. M. J. Milmoe and C. J. Malhiot. 2,227,378; Dec. 31.
Packaging means for small resistor units. W. S. Freeburg. 2,214,230; Sept. 10.
Packaging mechanism. L. R. Wilson. 2,220,381; Nov. 5.
Packaging method. H. F. Waters. 2,225,810; Dec. 24.
Packaging, Method and apparatus for. G. G. Platt and G. D. Omohundro. 2,185,353; Jan. 2.
Packaging or crating structure. H. C. Way. 2,197,598; Apr. 16.
Packaging, Sterile. H. F. Waters. 2,223,754; Dec. 3.
Packer and linger hanger, Production. C. E. Burt and E. Graham, Jr. 2,189,701; Feb. 6.
Packer and setting tool combination. C. C. Brown. 2,186,324; Jan. 9.
Packer and spreader for pulp mills, Chip. C. K. A. Rudd. 2,187,330; Jan. 16.
Packer, Belt. C. H. Hartman and W. R. Peterson. 2,205,010; June 18.
Packer, Circulating well. J. H. Grubb. 2,196,661; Apr. 9.
Packer, Combination. G. R. Linville. 2,207,019; July 9.
Packer drill. L. J. Clanin. 2,221,909; Nov. 19.
Packer, Drillable. R. K. Henderson. 2,217,747; Oct. 15.
Packer for concrete pipe, Inverted bell. R. M. La Due. 2,204,020; June 11.
Packer for oil wells, Formation. C. W. Fisher. 2,223,099; Nov. 26.
Packer, Hydraulic oil well. W. L. Bald. 2,186,230; Jan. 9.
Packer, Open hole. R. E. O'Donnell. 2,204,378; June 11.
Packer, Valve-in-head. R. A. Wilson. 2,223,839; Dec. 3.
Packer, Well. R. C. Baker and C. E. Burt. 2,187,481; Jan. 16.
Packer, Well. C. M. Jones. 2,222,315; Nov. 19.
Packer, Well. L. Spencer. 2,216,358; Oct. 1.
Packer, Well. G. F. Stamps. 2,187,635; Jan. 16.
Packet making and filling machine. H. L. Evans and G. I. Hohl. 2,189,729; Feb. 6.
Packet making apparatus. J. W. Chalmers and D. B. Kidd. 2,224,779; Dec. 10.
Packet, Multiple copy form. A. H. Reiber. 2,187,056; Jan. 16.
Packet of cigarettes. W. H. Saul. 2,227,158; Dec. 31.
Packeting machine for cigarettes and the like. G. D. Horgan. 2,196,769; Apr. 9.
Packing. G. Christenson. 2,218,638; Oct. 22.
Packing. N. B. Miller. 2,221,453; Nov. 12.
Packing. E. M. Pfauser. 2,188,957; Feb. 6.
Packing. W. Rautenstrauch. 2,210,004; Aug. 6.
Packing and power transmission unit. P. S. Baldwin. 2,197,915; Apr. 23.
Packing and pushing rod, Water cooled. G. P. Lessmann. 2,208,373; July 16.
Packing, Armoured machinery. C. R. Hubbard. 2,194,942–4; Mar. 26.
Packing, Bearing. L. E. Webster. 2,222,522; Nov. 19.
Packing box. G. L. Studley. 2,220,740; Nov. 5.
Packing, Compound. M. G. Kurth. 2,227,264; Dec. 31.
Packing device. H. C. Bohnke. 2,192,992; Mar. 12.
Packing device. H. Hornschuch. 2,223,519; Dec. 3.
Packing extracting tool. F. C. Dugan. 2,207,661; July 9.
Packing, Fluid. J. H. Williams. 2,210,826; Aug. 6.
Packing for elastic fluid turbines, Shaft. A. Lysholm. 2,218,203; Oct. 15.
Packing for hydraulic actuators. C. F. Baisch. 2,208,620; July 23.
Packing for piston rods. C. White. 2,200,760; May 14.
Packing for steam turbines. K. Röder. 2,220,616; Nov. 5.
Packing for stuffing boxes or the like, Producing a. C. M. Roe. 2,191,807; Feb. 27.
Packing for well devices. R. C. Baker. 2,204,648; June 18.
Packing for well devices. T. M. Ragan. 2,196,668; Apr. 9.
Packing gland mounting. T. E. Boyer and L. P. Stockman. 2,219,064; Oct. 22.
Packing, High pressure multiple plate. H. Allen. 2,194,259; Mar. 19.
Packing machine. G. D. Horgan. 2,213,860; Sept. 3.
Packing machine. F. Parry. 2,210,378; Aug. 6.
Packing machine for containers and the like. A. Sowden. 2,216,786; Oct. 8.
Packing, Machinery. C. R. Hubbard. 2,202,908; June 4.
Packing material. W. A. Hermanson. 2,200,171; May 7.
Packing material, Making. H. T. Wheeler. 2,217,085; Oct. 8.

Packing member and blank therefor. C. K. Lavere. 2,185,637; Jan. 2.
Packing of a sealing cap for the sealing and tightening of container closures, especially bung closures. A. Mauser. 2,194,147; Mar. 19.
Packing, Piston. G. Christenson. 2,220,993; Nov. 12.
Packing, Piston. C. L. Evans. 2,224,475; Dec. 10.
Packing, Piston. T. E. Failing and W. T. Caldwell. 2,211,454; Aug. 13.
Packing, Piston. C. G. Hall. 2,186,020; Jan. 9.
Packing retainer. M. H. Gorman. 2,191,851; Feb. 27.
Packing ring. A. W. Morton. 2,221,988; Nov. 19.
Packing ring. A. Sandow and A. A. Wenzel. 2,225,508; Dec. 17.
Packing ring. A. W. Wenzel. 2,212,335–6; Aug. 20.
Packing ring, Segmental metallic. H. T. Wheeler. 2,191,265; Feb. 20.
Packing, Rod or shaft. W. S. Halfpenny. 2,208,976; July 23.
Packing, Shaft. C. E. Wiessner. 2,220,984; Nov. 12.
Packing sheet. W. H. Randall, W. E. Parsons, and W. J. Schwertfeger. 2,215,252; Sept. 17.
Packing, Tank. C. E. Greening. 2,191,142; Feb. 20.
Packing, Tower. J. M. W. Chamberlain and H. A. Burnip. 2,198,861; Apr. 30.
Packing, Valve stem. N. L. Mochel. 2,188,664; Jan. 30.

Pad: *See*—

Bed pad	Polishing pad.
Bedpan pad.	Pressing pad.
Electroplating pad.	Pressing machine pad.
Hair-waving pad.	Pressure-applying pad.
Heating pad.	Rest pad.
Horseshoe pad.	Self-impregnating pad.
Inking pad.	Sewing pad.
Ironing pad.	Stirrup pad.
Journal lubrication pad.	Toe pad.
Mattress and upholstering pad	Truss pad.
Memorandum pad.	Wiping pad.
	Writing pad.

Pad. E. R. Detrick. 2,218,745; Oct. 22.
Pad. A. D. Lelong. 2,226,132; Dec. 24.
Pad. L. B. Moses. 2,222,782; Nov. 26.
Pad and assembly, Ironing. P. D. Cannon. 2,191,092; Feb. 20.
Pad and binding therefor, Metallic wool. R. F. Seelenbinder. 2,192,590; Mar. 5.
Pad and pencil holder, Illuminated automatic. F. T. Louis. 2,200,629; May 14.
Pad and supporter, Protector. G. H. Jung. 2,188,718; Jan. 30.
Pad for duplicating machines, Ink. R. A. Dalton. 2,209,743; July 30.
Pad for electrical junctions, Insulating. C. P. Xenis. 2,197,097; Apr. 16.
Pad for eyeglasses and spectacles, Nose. E. A. Ring. 2,216,503; Oct. 1.
Pad for hand vibrators, Cushion. J. Oster. 2,198,442; Apr. 23.
Pad for pressing machines. J. S. Irvine. 2,198,620; Apr. 30.
Pad for ring boxes. W. Jefferson. 2,222,772; Nov. 26.
Pad for sanding or polishing machines, Backing. A. C. Burleigh. 2,217,791; Oct. 15.
Pad for shoes, Corrective. E. H. Vaughn. 2,193,704; Mar. 12.
Pad for wind instrument keys. C. Michalek. 2,204,766; June 18.
Pad holder. E. A. Haveles. 2,200,499; May 14.
Pad holder. R. T. Treacy. 2,193,991; Mar. 19.
Pad holder. E. Walters. 2,226,454; Dec. 24.
Pad holder, Sanitary. A. Majewski. 2,200,754; May 14.
Pad or covering for spring structures. W. A. Clark. 2,221,507; Nov. 12.
Padding. J. R. Crockford. 2,187,343; Jan. 16.
Padding for ironing boards, pressing machine bucks and rolls and the like. A. M. Goodloe and R. L. Hartwell. 2,215,467; Sept. 24.
Padding for laundries and the like. N. Lehrman. 2,225,874; Dec. 24.
Padding, Pressure sustaining. R. B. Kingman. 2,209,526; July 30.
Padding to inner trim panels, Applying. C. W. Avery. 2,193,263; Mar. 12.
Padding, Upholstery. N. P. Schreiner. 2,198,724; Apr. 30.
Paddle. H. J. Maihack. 2,194,761; Mar. 26.
Paddle for operating in the forehearths of glass furnaces. F. W. Armytage. 2,220,635; Nov. 5.
Paddle, One-hand. A. F. Flournoy. 2,188,343; Jan. 30.
Paddle, Reversible. H. Singer. 2,208,086; July 16.
Padlock. C. H. Nehls. 2,185,899; Jan. 2.
Page printer. E. E. Kleinschmidt. 2,227,141; Dec. 31.
Pail device, Transportable minnow. R. V. Turner. 2,210,272; Aug. 6.
Pail, Liquid. E. W. von Knauf. 2,207,210; July 9.
Pail, Milk. H. S. Eastwood. 2,215,607; Sept. 24.
Pail, Multiple. H. Kielberg. 2,212,476; Aug. 20.
Paint. R. Pfanstiel. 2,194,526; Mar. 26.
Paint, Acid and alkali resistant. J. W. Iliff and W. F. Singleton. 2,225,303; Dec. 17.
Paint and making same. E. A. Troeger. 2,226,030; Dec. 24.
Paint and varnish remover. W. A. Bland and E. F. Oeffinger. 2,207,967; July 16.
Paint brush support. G. Rosenberger. 2,192,526; Mar. 5.
Paint, coloring and agitating. F. H. Brown. 2,195,234; Mar. 26.
Paint mixing apparatus. C. E. Farrington. 2,203,135; June 4.
Paint, Oil. F. L. Bullard. 2,207,429; July 9.
Paint, Protective. H. A. Sweeney. 2,196,232; Apr. 9.
Paint protector. E. De Lillo. 2,210,233; Aug. 6.
Paint removal. A. G. Worthing and R. S. Euler. 2,221,318; Nov. 12.
Paint removing composition. J. V. Freeman. 2,196,111; Apr. 2.
Paint spray booth. O. A. Peters. 2,227,272; Dec. 31.
Paint spraying apparatus. S. Metrick and J. J. Rosen. 2,208,383; July 16.
Paint spraying apparatus. S. Metrick and J. J. Rosen. 2,224,741; Dec. 10.
Painting composition. E. C. Clayton and L. L. Heffner. 2,194,690; Mar. 26.
Painting device. H. B. Sabin. 2,226,634; Dec. 31.
Painting machine for shingles. K. M. Leute and H. M. Lowry. 2,189,668; Feb. 6.
Painting, Mode of. O. J. Chevrette. 2,194,588; Mar. 26.
Paints, Improving the stability of luminous. K. Schad and R. Ketzer. 2,202,234; May 28.
Paints, printing inks, and the like. A. R. Olsen. 2,227,102; Dec. 31.
Paints, Stability of luminous. K. Schad. 2,202,233; May 28.
Pan, Aluminum baking. A. F. Ward. 2,216,147; Oct. 1.
Pan and making the same, Baking. J. G. Jackson. 2,207,622; July 9.
Pan and related construction, Drip. M. D. MacMaster. 2,210,725; Aug. 6.
Pan assembly, Freezing. C. G. Harbordt. 2,189,446; Feb. 6.
Pan, Baking. W. C. Harper. 2,215,611; Sept. 24.
Pan, Baking. A. L. Langel. 2,217,987; Oct. 15.
Pan, Baking. P. S. Ward. 2,190,201; Feb. 13.
Pan, Berry pie drip. M. Enos. 2,211,261; Aug. 13.
Pancakes, Special packaging of cooked. A. Roart. 2,194,153; Mar. 19.
Pan construction, Baking. W. M. Vogel. 2,215,113; Sept. 17.
Pan, Drip. L. J. Jordan, Per J. E. Andersson, and W. F. Knebusch. 2,226,497; Dec. 24.
Pan, Drip. W. F. Knebusch and A. H. Burkholder. 2,226,286; Dec. 24.
Pan dump mechanism. F. W. Pullen. 2,221,107; Nov 12.
Pan fitting, Oil. M. J. Dell. 2,192,543; Mar. 5.
Pan for dough cutting machines, Drip. B. Belsky. 2,209,807; July 30.
Pan, Frying. W. Beatson. 2,204,467; June 11.
Pan lifter. M. E. Brown. 2,203,812; June 11.
Pan lifter. J. W. Lee. 2,220,416; Nov. 5.
Pan lifter. B. Reed. 2,200,432; May 14.
Pan, Multiple. A. L. Langel. 2,198,255; Apr. 23.
Pan, Pie. R. F. Johnson and G. Holtzman. 2,224,601; Dec. 10.
Pan, Pie. L. W. Wyman. 2,196,574; Apr. 9.
Pan raising and lowering mechanism, Grain. T. N. Pierson. Re. 21,340; Jan. 30.
Pan set construction, Baking. J. G. Jackson and J. Kollman. 2,188,550; Jan. 30.
Pan set guide means. E. H. Chandonia. 2,198,106; Apr. 23.
Pan set, Multiple. J. G. Jackson. 2,186,699; Jan. 9.
Pan, Shaker. A. Geist. 2,190,262; Feb. 13.
Pan strapping. E. H. Chandonia. 2,191,104; Feb. 20.
Pan structure, Multiple baking. E. H. Chandonia. 2,198,105; Apr. 23.
Pan with cake loosening means, Tube cake. M. Hutchinson. 2,203,091; June 4.
Pancreatin, Sterilization of. C. L. Griffith and L. A. Hall. 2,189,948; Feb. 13.
Panel. R. Bernhardt. 2,220,596; Nov. 5.
Panel. E. T. Todd. 2,188,560; Jan. 30.
Panel adapter for window sash, Double glass. R. T. Axe. 2,193,853; Mar. 19.
Panel and lock, Pivoted louver. L. M. Jones. 2,220,405; Nov. 5.
Panel and making same, Decorative. A. B. Saunders. 2,215,595; Sept. 24.
Panel and manufacturing same, Laminated elastic fabric. P. L. Mahoney. 2,211,143; Aug. 13.
Panel and the like, Display. L. M. Avenson. 2,212,313; Aug. 20.
Panel assembly, Instrument. J. Visser. 2,202,277; May 28.
Panel assembly unit. C. F. Sperry. 2,219,714; Oct. 29.
Panel attaching and anchoring device, Wall. D. B. Walters. 2,226,679; Dec. 31.
Panelboard and making same. F. P. Wood. 2,197,822; Apr. 23.
Panel cabinet. L. G. Maechtlen and H. A. Duvall. 2,208,007; July 16.
Panel, Circuit control. R. B. Hunter. 2,199,563; May 7.
Panel construction. G. G. Gilpin. 2,200,240; May 14.
Panel construction. R. Obermayr. 2,204,818; June 18.
Panel construction for buildings. J. Sylvan. 2,212,758; Aug. 27.
Panel, Electrical. W. S. Catherwood, Jr. 2,217,510–11; Oct. 8.

Panel, Electrical insulating. G. Smolak. 2,208,232; July 16.
Panel, Exterior building. G. J. Snyder. 2,207,687; July 9.
Panel fastener, Trim. C. B. Doty. 2,208,722; July 23.
Panel fastening device. W. H. Steger. 2,217,389; Oct. 8.
Panel for building construction. C. D. Bowser. 2,199,586; May 7.
Panel for building walls, Insulating. G. E. Brierly. 2,207,454; July 9.
Panel holding construction. N. Andersson. 2,208,618; July 23.
Panel joint construction. E. A. Horn. 2,194,086; Mar. 19.
Panel joint construction. A. H. Tinnerman. 2,213,234; Sept. 3.
Panel regulating apparatus. G. M. Campbell. 2,190,976; Feb. 20.
Panel sheet, Refractory. C. Batcheller. 2,195,881; Apr. 2.
Panel sniping machine. C. Carlson. 2,207,782; July 16.
Panel structure, Corrugated. V. Willoughby. 2,226,682; Dec. 31.
Panel structure, Electrical apparatus. F. B. Bramhall. 2,219,250; Oct. 22.
Panel wall construction. O. C. Schauble. 2,222,576; Nov. 19.
Panel, Wood. J. A. Malarkey and A. C. Erickson. 2,220,606; Nov. 5.
Paneling. C. P. Jensen. 2,214,675; Sept. 10.
Panels, Apparatus and method for manufacturing upholstery trim. A. S. Mitchell, C. J. Davies, and H. M. Ratley. 2,186,838; Jan. 9.
Panels, Forming trim. W. C. Osborn. 2,215,973; Sept. 24.
Panels, Preparing inner trim. A. J. Jarosik. 2,199,918; May 7.
Pantie construction. M. C. Fridolph. 2,205,745; June 25.
Pantograph engraving machine. F. Ackerman and H. Gould. 2,198,716; Apr. 30.
Pantographic apparatus. F. J. Holley. 2,196,114; Apr. 2.
Papain, Electrodialysis. C. W. Neufeld. 2,219,209; Oct. 22.
Paper. P. S. Barnhart. 2,226,841; Dec. 31.
Paper, Aluminum phosphate pigmented. L. C. Fleck. 2,222,198; Nov. 19.
Paper and board, Treatment of. S. Musher. 2,193,695; Mar. 12.
Paper and making same, Coated. W. J. Montgomery and D. B. Bradner. 2,214,564–6; Sept. 10.
Paper and making same, Pigmented. L. C. Fleck. 2,222,199; Nov. 19.
Paper and making same, Safety. F. L. Simons. 2,186,810; Jan. 9.
Paper and method of manufacture, Water-resistant laminated. L. C. Fleck. 2,200,839; May 14.
Paper and sensitizing composition therefor, Light sensitive. G. A. Hinkel. 2,188,900; Feb. 6.
Paper and the like, Method and apparatus for folding. F. E. Rickard. 2,198,460; Apr. 23.
Paper and the like, Producing rotogravure. P. J. Massey, A. T. Gardner and A. F. Piepenburg. 2,214,641; Sept. 10.
Paper articles, Making. K. Clark. 2,204,664; June 18.
Paperboard container, Bottom fill. D. Bensel. 2,201,332; May 21.
Paper board product and production or treatment thereof, Calender finished. C. C. Colbert. 2,226,709; Dec. 31.
Paper box. B. G. Warner. 2,207,567; July 9.
Paper box, Collapsible. R. Guyer. 2,214,813; Sept. 17.
Paper carriage for accounting machines. W. A. Anderson. 2,226,151; Dec. 24.
Paper clamp. W. C. Eickman. 2,186,136; Jan. 9.
Paper clip. G. B. Tremmel. 2,186,508; Jan. 9.
Paper, Coated. J. H. Seaton. 2,222,956; Nov. 26.
Paper, Coating. F. Kabela and G. F. Whiting. 2,204,600; June 18.
Paper, Coating. P. J. Massey. 2,185,859; Jan. 2.
Paper, Coating. B. C. Miller. 2,190,843; Feb. 20.
Paper, Coating. W. F. Thiele and H. B. Richmond. 2,216,143; Oct. 1.
Paper container. L. B. Koch. 2,206,406; July 2.
Paper cutter. W. C. Eickman. 2,187,827; Jan. 23.
Paper cutter. C. H. Richardson. 2,204,227; June 11.
Paper cutter. C. C. Shackelford. 2,214,540; Sept. 10.
Paper cutter stand. C. D. Portle. 2,214,176; Sept. 10.
Paper, Deinking imprinted. R. H. Lowe. 2,219,781; Oct. 29.
Paper, Deinking of printed. P. R. Hines. 2,200,622; May 14.
Paper, Diazotype photographic printing. M. P. Schmidt and O. Süs. 2,216,137; Oct. 1.
Paper dispenser. N. B. Currier. 2,205,645; June 25.
Paper dispenser. L. L. Walden, Jr. 2,198,926; Apr. 30.
Paper dispensing cabinet. A. G. Krueger, F. P. Vaughan, N. J. Slye and J. B. Engel. 2,202,011; May 28.
Paper dispensing or vending machine. A. E. Jacobs. 2,193,926; Mar. 19.
Paper drilling machine. J. W. Lee and F. Barney. 2,213,674; Sept. 3.
Paper drying system and apparatus therefor. J. W. Bell. 2,192,168; Mar. 5.
Paper equipment for calculating machines. R. L. Muller. 2,192,324; Mar. 5.
Paper equipment for calculating machines. R. L. Muller. 2,202,595; May 28.
Paper feed, Cigarette. C. Arelt. 2,208,504; July 16.
Paper feed for bread wrapping machines. A. A. Kottmann. 2,217,591; Oct. 8.
Paper feed mechanism. E. L. Harmon. 2,218,108; Oct. 15.
Paper feeding arrangement on writing or printing machines. W. Kniehahn and F. G. H. Eggers. 2,216,081; Sept. 24.
Paper feeding device. F. M. Carroll. 2,199,556; May 7.
Paper feeding device. F. M. Carroll and J. H. Bakelaar. 2,189,025; Feb. 6.
Paper feeding device. W. L. Lewis and V. O. Wilkerson. 2,203,024; June 4.
Paper feeding device. W. P. Scharr. 2,213,552; Sept. 3.
Paper feeding device. J. O. Simpson, G. A. Webb, and J. P. Mandeville. 2,213,571; Sept. 3.
Paper feeding mechanism. J. Q. Sherman and A. W. Metzner. 2,200,308; May 14.
Paper file and binder. A. E. Bunnell. 2,221,631; Nov. 12.
Paper filler and making the same. H. D. Meincke. 2,191,575; Feb. 27.
Paper folding machine, Wax. F. M. Hitner. 2,204,274; June 11.
Paper guiding and holding mechanism for accounting machines. W. A. Anderson. 2,216,608; Oct. 1.
Paper handling mechanism for accounting machines. W. A. Anderson. 2,196,487; Apr. 9.
Paper hanger's instrument. G. Hayes. 2,198,613; Apr. 30.
Paper hanging machine. W. H. Johnson. 2,195,332; Mar. 26.
Paper holder, Cigarette. R. D. R. Scull. 2,202,322; May 28.
Paper laying machine. S. S. Robinson. 2,197,879; Apr. 23.
Paper machine, Cylinder. W. Thaler. 2,191,999; Feb. 27.
Paper machinery. S. A. Staege. 2,190,851; Feb. 20.
Paper machinery, Tubular. D. C. Spaulding, Jr. 2,194,436; Mar. 19.
Paper making. D. B. Bradner. 2,197,463; Apr. 16.
Paper, Making. H. D. Meincke. 2,199,750; May 7.
Paper making. T. H. Parkhill and L. W. Shattuck, 2,215,335; Sept. 17.
Paper, Making. D. K. Pattilloch. 2,207,717; May 28.
Paper, Making. A. Reilly. 2,192,488; Mar. 5.
Paper, Making glassine. R. F. Nelson. 2,211,348; Aug. 13.
Paper making machine. G. J. Forman. 2,185,913; Jan. 2.
Paper making machine. E. Gschwender and W. C. Bigelow. 2,189,518; Feb. 6.
Paper making machine. S. P. H. E. Hölgersson. 2,198,387; Apr. 23.
Paper making machine. W. R. Kellett and H. M. Ostertag. 2,225,435; Dec. 17.
Papermaking machine. H. L. Kutter. 2,216,817; Oct. 8.
Paper making machine. G. T. Lane and W. Butterfield. 2,200,002; May 7.
Paper making machine. B. A. Malkin. 2,186,761; Jan. 9.
Paper making machine. W. H. Millspaugh. 2,186,171; Jan. 9.
Papermaking machine. W. H. Millspaugh. 2,204,426; June 11.
Paper-making machine. S. Milne. 2,205,693; June 25.
Paper making machine. J. P. Pederson. Re. 21,381; Mar. 5.
Paper making machine, Cylinder. G. M. Peterson. 2,188,484; Jan. 30.
Papermaking machine, Pressure and vacuum forming. E. E. Berry. 2,202,890; June 4.
Paper making machinery. J. E. Bond. 2,200,410; May 14.
Paper manufacture. L. C. Fleck. 2,208,574; July 23.
Paper manufacture. M. L. Kemp. 2,215,328; Sept. 17.
Paper manufacture. J. O. Mason. 2,186,874; Jan. 9.
Paper manufacture. H. R. Rafton. 2,189,832; Feb. 13.
Paper manufacture. H. R. Rafton. 2,208,597; July 23.
Paper, Manufacture of. L. L. Larson. 2,216,845; Oct. 8.
Paper, Manufacture of wet-strengthened. M. O. Schur. 2,215,136; Sept. 17.
Paper manufacture, Ornamental. F. V. Lofgren. 2,204,141; June 11.
Paper manufacture, Tubular. D. C. Spaulding, Jr. 2,196,085; Apr. 2.
Paper marking apparatus. A. M. Wickwire. 2,192,724; Mar. 5.
Paper, Method of and apparatus for coating. N. Obenshain and W. M. Welton. 2,199,228; Apr. 30.
Paper, Method of sizing. A. Reilly. 2,195,600; Apr. 2.
Paper oil container. M. P. Kernahan. 2,202,558; May 28.
Paper or other materials, more especially for the protection of vegetable and animal goods during storage, Impregnation of. A. Ryner. 2,185,954; Jan. 2.
Paper package. T. J. Salsman. 2,199,676; May 7.
Paper package, Dispensing. D. Bensel. 2,200,111; May 7.
Paper padding press. C. S. and H. C. Mallory, C. W. Marble, and C. M. Mumford. 2,221,241; Nov. 12.

Paper, Parchmentized. R. A. Hayward. 2,207,122; July 9.
Paper, Photographic. J. S. Cummings. 2,207,695; July 9.
Paper, Photographic developing. F. Albers, E. Trabert, A. Sack, W. Jessien, W. Dieterle, and O. Riester. 2,217,829; Oct. 15.
Paper, Photographic printing. E. Weyde. 2,205,756; June 25.
Paper, Preparation of pregummed hanging. H. F. Bauer. 2,215,848; Sept. 24.
Paper, Process and apparatus for coating. G. D. Muggleton. 2,214,772; Sept. 17.
Paper, Production of mat light-sensitive photographic. J. Knoefel. 2,221,873; Nov. 19.
Paper pulp refiner. J. E. Bond. 2,208,320; July 16.
Paper receptacle. G. F. Twombly. 2,218,388; Oct. 15.
Paper registering mechanism. G. B. Mustin and L. Pittaluga. 2,214,593; Sept. 10.
Paper Roll. C. Davis. 2,200,160; May 8.
Paper, Safety. W. Whitehead. 2,208,652–3; July 23.
Paper sheets, Attaching together. J. D. Lane and R. H. Wilbur. 2,192,268; Mar. 5.
Paper, Sized. S. Musher. 2,204,612; June 18.
Paper sizing. L. O. Gill. 2,214,018; Sept. 10.
Paper, Sizing of. C. R. Outterson. 2,197,383; Apr. 16.
Paper slitter. D. R. McKinley and P. J. Van Norden. 2,187,211; Jan. 16.
Paper, Stiffening. C. G. Young. 2,187,294; Jan. 16.
Paper stock, Decolorizing. A. O. Bragg. 2,221,294; Nov. 12.
Paper stock, Method and apparatus for refining. E. Cowles. 2,220,676; Nov. 5.
Paper, Transfer. G. von Kujawa. 2,207,388; July 9.
Paper transparency. A. Payberg. 2,190,627; Feb. 13.
Paper unit dispensing device. F. G. Steiner. 2,195,603; Apr. 2.
Paper unit dispensing device. F. G. Steiner. 2,206,978–9; July 9.
Paper, Waterproof and greaseproof. H. C. Fisher, J. F. Thompson, and W. E. Sooy. 2,205,557; June 25.
Paper, Waxed wrapping. C. M. Rhodes. 2,203,633; June 4.
Paper widening machine. H. G. Burrill. 2,217,306; Oct. 8.
Papers having low affinity for adhesives, Manufacture of. F. Strovink. 2,199,862; May 7.
Papers, Producing corrugated. W. W. Rowe. 2,190,680; Feb. 20.
Parachute. P. J. Swofford. 2,196,947; Apr. 9.
Parachute. M. S. Willing, K. Scribner and R. Morders. 2,214,569; Sept. 10.
Parachute and safety harness apparatus. F. Smith. 2,192,109; Feb. 27.
Parachute apparatus. R. H. Hart. 2,222,903; Nov. 26.
Parachute apparatus. L. L. Irvin. 2,192,083; Feb. 27.
Parachute apparatus. G. Waite. 2,192,113; Feb. 27.
Parachute device, Heavy load. F. McCarroll. 2,206,910; July 9.
Parachute, Pack. J. Eschner. 2,215,809; Sept. 24.
Parachutes, Manufacture of. L. P. Frieder. 2,221,322; Nov. 12.
Paracresol, Preparation of. J. W. Le Maistre, H. H. Strickland, Jr., and J. C. Weaver, Jr. 2,225,564; Dec. 17.
Paraffin cutting and scraping tool. A. K. Wise. 2,196,134; Apr. 2.
Paraffin hydrocarbons, Alkylation of. L. Schmerling and H. Pines. 2,214,481; Sept. 10.
Paraffin, Production of. O. Roelen. 2,225,487; Dec. 17.
Paraffin remover, Well tubing. M. O. Boulter. 2,210,359; Aug. 6.
Paraffin wax from wells, Removing. M. de Simo, H. C. Lawton and A. G. Loomis. 2,214,363; Sept. 10.
Paraffins, Isomerization of. A. V. Grosse and H. Pines. 2,225,776; Dec. 24.
Paraffins, Preparing solid. F. Fischer and H. Pichler. 2,206,500; July 2.
Parasiticidal composition. E. P. Tuennermann. 2,210,964; Aug. 13.
Parasiticidal compositions containing copper and zinc oxides. L. C. Hurd. 2,225,867; Dec. 24.
Parasiticidal preparation. W. P. ter Horst. 2,206,758; July 2.
Parasiticide. J. G. Horsfall and R. F. Suit. 2,219,364; Oct. 29.
Parasiticide. W. P. ter Horst. 2,220,980; Nov. 12.
Parasiticide and preparing same. R. H. Daines, Jr. 2,190,702; Feb. 20.
Parasiticide derived from terpenes. J. N. Borglin. 2,209,184; July 23.
Parasiticides, Method and apparatus for distributing. R. B. Arnold. 2,222,598; Nov. 26.
Paring and coring tool. M. J. Zimmer. 2,222,388; Nov. 19.
Parking apparatus, Automobile. A. F. Slater. 2,190,086; Feb. 13.
Parking control means. E. J. Sweetland. 2,217,776; Oct. 15.
Parking device and method of operating. H. F. Mason. 2,204,023; June 11.
Parking device, Automatic coin controlled. H. L. Long and H. S. Johns. 2,209,249; July 23.
Parking device for automobiles. J. L. Barr. 2,222,359; Nov. 19.
Parking meter. J. W. Bullock and C. W. Clementz. 2,199,330; Apr. 30.
Parking meter. P. R. Finch and O. J. Herb. 2,227,182; Dec. 31.
Parking meter. P. R. Finch and J. M. Johnson. 2,227,181; Dec. 31.
Parking meter. S. Gabrielson. 2,221,578; Nov. 12.
Parking meter. O. D. Jennings, S. E. Van Tuyl, and E. Mihalek. 2,218,821; Oct. 22.
Parking meter. S. W. Long. 2,198,779; Apr. 30.
Parking meter. H. H. Lysons and N. A. Whittaker. 2,225,649; Dec. 24.
Parking meter. I. E. McGehee and L. W. Krall. 2,199,646; May 7.
Parking regulator. J. W. Bullock. 2,214,829; Sept. 17.
Parlor, Milking. H. B. Babson and J. J. Stampen. 2,198,048; Apr. 23.
Particles of solid material by flotation, Separating. R. S. Ellis. 2,223,679; Dec. 3.
Particles from gases, Removal of foreign. G. M. Kirkpatrick. 2,188,439; Jan. 30.
Particles from gases, Separation of. A. Nutting. 2,195,707; Apr. 2.
Particles throughout a bulk material, Distributing fine. O. A. Bailey. 2,217,933; Oct. 15.
Parting compound. P. J. Weber and C. F. Witters. 2,194,881; Mar. 26.
Parting tool. J. M. Luers. 2,202,591; May 28.
Parti-resilient body, Composite. K. H. Bowen. 2,186,402; Jan. 9.
Partition assembly feeding mechanism. C. G. Dauber. 2,221,865; Nov. 19.
Partition assembling machine. C. G. Dauber. 2,224,220; Dec. 10.
Partition clip. W. Hueglin, Jr. 2,207,515; July 9.
Partition, Collapsible draped. V. F. Walter and M. Lange. 2,186,510; Jan. 9.
Partition construction. W. C. Douglas. 2,205,088; June 18.
Partition for conveyances and compartments, Adjustable door type. W. B. Ziegler. 2,220,436; Nov. 5.
Partition for sinks. F. A. Hanson. 2,203,052; June 4.
Partition, Metal. T. F. Anderson. 2,192,173; Mar. 5.
Partition, Portable. A. G. Peterson. Re. 21,531; Aug. 13.
Partition structure. G. M. Mills. 2,202,861–2; June 4.
Partition structure, Ventilating. W. I. Lucius. 2,214,821; Sept. 17.
Partition system. M. Berger. 2,226,965; Dec. 31.
Parts having telescopic engagement, Holding together. C. L. Wingard. 2,189,644; Feb. 6.
Parts of machinery, and the resulting products, Making heavy. F. C. Hasse. 2,216,774; Oct. 8.
Party line system. J. Kirch. 2,210,208; Aug. 6.
Paste. L. G. Vande Bogart. 2,219,583; Oct. 29.
Paste articles, Production of egg-flour. C. Hummel. 2,223,687; Dec. 3.
Paste applying apparatus. A. A. Beach. 2,191,225; Feb. 20.
Pasteboard box. R. Chally. 2,210,707; Aug. 6.
Pasteboard printing frame. J. Lane. 2,187,381; Jan. 16.
Paste container. C. R. Klok. 2,210,297; Aug. 6.
Paste dispenser. M. C. W. Richards. 2,213,679; Sept. 3.
Paste dispensing device. K. Pringsauf. 2,188,249; Jan. 23.
Paste, Manufacture of starch. P. D. Coppock. 2,202,573; May 28.
Paste, Textile printing. H. Jenett. 2,222,581; Nov. 19.
Paster for newspaper presses. E. P. Doyle and L. F. Long. 2,194,140; Mar. 19.
Pasting machine for battery grid. A. H. Luhrman. 2,212,070; Aug. 20.
Pasteurizing apparatus. J. R. Gruetter. 2,203,141; June 4.
Pasteurizing systems and the like, Control of. R. E. Olson. 2,214,175; Sept. 10.
Pastry or dough rolling apparatus. H. L. Butman. 2,205,842; June 25.
Patch applying machine. A. Novick. 2,197,827; Apr. 23.
Patch cutting machine. A. R. Hendry. 2,214,461; Sept. 10.
Patch severing and applying mechanism. A. Novick. 2,209,348; July 30.
Patch test strip. H. Vollmer. 2,190,745; Feb. 20.
Patients from injury by X-rays, Method of and apparatus for protecting. G. Grossmann. 2,225,940; Dec. 24.
Patient lifting device. J. J. Carter. 2,208,410; July 16.
Pattern, Adjustable. J. Bukovy. 2,186,325; Jan. 9.
Pattern carrier for Jacquard cards, particularly for knitting machines, Interchangeable. H. Korber. 2,207,379; July 9.
Pattern control mechanism, Knitting machine. H. C. Pingel. 2,214,936; Sept. 17.
Pattern, Dress. M. W. Le Coq. 2,214,794; Sept. 17.
Pattern effects on fabrics, Producing. F. Hefti. 2,217,114; Oct. 8.
Pattern effects on textile fabrics, Producing. R. Haller and G. Widmer. 2,202,200; May 28.
Pattern for castings. P. F. Collins. 2,204,123; June 11.
Pattern, Garment. H. B. Donning. 2,215,780; Sept. 24.
Pattern, Garment. O. A. Du Pont. 2,211,410; Aug. 13.
Pattern grading implement, Garment. Z. Glick. 2,215,499; Sept. 24.

Pattern indicator. M. Hendrick and V. M. Abernathy. 2,217,016; Oct. 8.
Pattern making machine. H. L. Trebert. 2,210,737; Aug. 6.
Pattern mechanism for dobby looms. J. A. Talbert and M. Hendrick. 2,201,707; May 21.
Patterns, Method of and apparatus for making. E. L. Emmons. 2,188,502; Jan. 30.
Patty forming machine. F. C. Bauer. 2,203,518; June 4.
Patty molding machine. H. H. Holly. 2,224,390; Dec. 10.
Pavement construction. H. N. Sandell. 2,189,437; Feb. 6.
Pavement joint. A. E. Brickman and G. A. Gleason. 2,201,824; May 21.
Pavement joint assembly unit. D. H. Bitney. 2,192,570; Mar. 5.
Pavements and the like, Expansion joint for. J. O. Ridgely. 2,197,438; Apr. 16.
Pavements, Laying concrete. T. H. and M. D. Johnson. 2,197,431; Apr. 16.
Paving. M. H. Irvine. 2,185,341; Jan. 2.
Paving apparatus. W. M. Venable. 2,214,093; Sept. 10.
Paving plant, Portable. G. J. Kuhrts, Jr. 2,192,195; Mar. 5.
Pea sheller. A. Flanagan. 2,212,637; Aug. 27.
Peas and the like, Method of and apparatus for grading. W. M. Martin. 2,227,226; Dec. 31.
Peaches, Process and apparatus for peeling freestone. H. E. Gray and A. M. Erickson. 2,218,466; Oct. 15.
Peanuts, Treating. W. W. Kelly and R. P. Tolle. 2,218,713; Oct. 22.
Pearl-knitting machines, Operating. V. W. Mehnert. 2,215,082; Sept. 17.
Peat and the like, Drying of. T. Gram and N. Testrup. 2,192,831; Mar. 5.
Peat or the like, Process for dehydrating. O. Linker. 2,212,444; Aug. 20.
Pebbled surface. F. Williams. 2,221,890; Nov. 19.
Pectin and its manufacture. P. B. Myers and W. W. Cowgill. 2,185,472; Jan. 2.
Pedal, Accelerator. J. R. Thorp. 2,203,933; June 11.
Pedal assembly, Foot. A. V. Romberger. 2,199,963; May 7.
Pedal board. V. J. Mohler. 2,187,911; Jan. 23.
Pedal construction. G. E. Bullock. 2,226,424; Dec. 24.
Pedal safety control, Automobile foot. V. Pomernacki. 2,217,233; Oct. 8.
Pedal safety control, Automobile foot. V. Pomernacki. 2,225,423; Dec. 17.
Pedestal, Camera supporting. A. V. Bedford and K. J. Magnusson. 2,200,736; May 14.
Pedestal, Derrick. D. S. Fine and H. D. Hussey. 2,198,281; Apr. 23.
Pediatric appliance. L. E. Goldman. 2,211,203; Aug. 13.
Peel scavenging mechanism for fruit treating apparatus. M. Ewald. 2,210,910; Aug. 13.
Peeler, Papaya. G. H. Akau. 2,201,514; May 21.
Peeling apparatus. H. W. Rogers. 2,224,235; Dec. 10.
Peeling machine, Vegetable and fruit. M. Comfort. 2,192,340; Mar. 5.
Peg, Athletic. D. R. Brady. 2,222,650; Nov. 26.
Pelleting machine. J. P. Haworth. 2,186,415; Jan. 9
Pellicle and making same, Transparent moistureproof. T. G. Finzel. 2,209,965; Aug. 6.
Pellicle, Cellulosic. W. F. Underwood. 2,199,927; May 7.
Pellicle, Sized. D. E. Drew. 2,226,554; Dec. 31.
Pelt stretching apparatus. C. F. Jureczki. 2,185,441; Jan. 2.
Pelts, hairs or feathers, Dyeing. E. Lehmann. 2,212,608; Aug. 27.
Pelts, Treating animal. J. B. Calva. 2,211,645; Aug. 13.
Pen. J. A. Shea. 2,195,430; Apr. 2.
Pen. E. A. Wiegman. 2,202,304; May 28.
Pen and pencil clip. C. E. Marshall. 2,188,151; Jan. 23.
Pen attachment, Fountain. A. S. Bradley. 2,221,754; Nov. 19.
Pen, Ball fountain. J. Laforest. 2,208,588; July 23.
Pen filling device, Fountain. O. R. Terry. 2,193,260; Mar. 12.
Pen filling device, Fountain. O. R. Terry. 2,203,475; June 4.
Pen for recorders. E. C. Burdick, C. B. Moore, and J. Sharp. 2,217,657; Oct. 15.
Pen for recorders. C. B. Moore. 2,216,248; Oct. 1.
Pen for recording instruments. N. J. Smith. 2,213,098; Aug. 27.
Pen for solid ink, Fountain. A. Balázs. 2,201,421; May 21.
Pen, Fountain. A. N. Andrews. 2,217,884; Oct. 15.
Pen, Fountain. M. S. Baker. 2,223,541; Dec. 3.
Pen, Fountain. F. Buschi. 2,199,126; Apr. 30.
Pen, Fountain. M. Floro. 2,223,487; Dec. 3.
Pen, Fountain. B. W. Hanle. 2,225,864; Dec. 24.
Pen, Fountain. W. E. Houston. 2,201,400; May 21.
Pen, Fountain. H. C. Klagges. 2,218,536; Oct. 22.
Pen, Fountain. L. and A. Kohler. 2,187,160; Jan. 16.
Pen, Fountain. D. J. La France. 2,188,662; Jan. 30.
Pen, Fountain. G. Larsen. 2,217,755; Oct. 15.
Pen, Fountain. S. L. Ruskin. 2,199,293; Apr. 30.
Pen, Fountain. N. Simkovits. 2,209,042; July 23.
Pen, Fountain. P. Sztranszky. 2,206,681; July 2.
Pen, Fountain. M. J. Waldinger. 2,200,648; May 14.
Pen, Fountain. R. T. Wing. 2,187,528; Jan. 16.
Penholder. L. H. Ashmore. 2,222,599; Nov. 26.
Penholder. R. S. Huss. 2,213,931; Sept. 3.
Penholder. S. W. Traylor, Jr. 2,225,138; Dec. 17.
Pen lifting attachment for recording meters. J. H. Melville. 2,204,046; June 11.
Pen, pencil and spectacle case holder, Combined. N. F. Miller. 2,218,891; Oct. 22.
Pen point. J. Wallace. 2,214,494; Sept. 10.
Pen point and making the same. I. Chesler. 2,224,289; Dec. 10.
Pen point and making same. D. Kahn and M. Seyforth. 2,208,460; July 16.
Pen points, Manufacturing. G. E. Bartol, Jr. 2,206,525; July 2.
Pen, Recording instrument. G. E. Lindemann. 2,199,078; Apr. 30.
Pen release mechanism. C. B. Moore. 2,203,057; June 4.
Pen, Self-filling fountain. B. M. Morris. 2,224,393; Dec. 10.
Pen, Stylographic. A. E. Andrews and W. F. Johnson. 2,189,696; Feb. 6.
Pen, Stylographic. J. Wallace. 2,217,502; Oct. 8.
Pen, Writing. L. H. Ashmore. 2,213,033; Aug. 27.
Pen, Writing. P. Chouffet. 2,194,689; Mar. 26.
Pens, Making stainless steel. J. A. Shea. 2,208,477; July 16.
Pens, Manufacture of metal writing. A. G. Frost. 2,196,207; Apr. 9.
Pens or pen points, Manufacture of. L. H. Ashmore. 2,226,542; Dec. 31.
Pencil. C. T. Link. 2,207,810; July 16.
Pencil. M. E. Trollen. 2,214,090; Sept. 10.
Pencil. J. C. Wahl. 2,210,845; Aug. 6.
Pencil. E. R. Weaver. 2,210,825; Aug. 6.
Pencil. E. Wild. 2,201,117; May 14.
Pencil and crayon rod. I. Chesler. 2,220,992; Nov. 12.
Pencil attachment. J. R. Musgrave. 2,205,929; June 25.
Pencil clip. E. S. Powell. 2,188,232; Jan. 23.
Pencil having a multicolored lead. R. Zückert. 2,190,507; Feb. 13.
Pencil holder. G. Lundquist and S. H. Krisak. 2,219,596; Oct. 29.
Pencil, Interchangeable. G. Keller. 2,209,569; July 30.
Pencil, Lead. J. Gordon. 2,223,249; Nov. 26.
Pencil, Magazine type. J. D. Rossier. 2,222,824; Nov. 26.
Pencil, Mechanical. B. Avakian. 2,210,158; Aug. 6.
Pencil, Mechanical. W. H. Brown. 2,219,618; Oct. 29.
Pencil, Mechanical. R. S. Dorfman. 2,219,769; Oct. 29.
Pencil, Mechanical. D. Kahn. 2,186,027; Jan. 9.
Pencil, Mechanical. D. Kahn. 2,186,870; Jan. 9.
Pencil, Mechanical. D. Kahn. 2,203,093; June 4.
Pencil, Mechanical. S. Kanner. 2,222,295; Nov. 19.
Pencil, Mechanical. H. C. Klagges. 2,216,780; Oct. 8.
Pencil, Mechanical magazine. D. Kahn. 2,186,869; Jan. 9.
Pencil, Memorandum. W. H. Boust. 2,224,470; Dec. 10.
Pencil of the type comprising a lead-conveying tube, Magazine. T. Kovács. 2,203,160; June 4.
Pencil, Pressure operated magazine. H. Morlock. 2,190,798; Feb. 20.
Pencil, Propelling. H. M. Farrington. 2,211,372; Aug. 13.
Pencil sharpening machine. E. S. Siggelko. 2,189,476; Feb. 6.
Pencil with exchangeable leads, Multicolor. W. Schmieglitz. 2,214,111; Sept. 10.
Pencil with lead sharpening means, Propelling. A. Hammer-Purgstall. 2,198,384; Apr. 23.
Pencils, Mechanical. L. J. Most. Re. 21,428; Apr. 16.
Pendulum mechanism, Novelty. O. H. Hurst. 2,195,311; Mar. 26.
Penetrable article and method of making, Treated. F. D. Snell. 2,195,587; Apr. 2.
Pentaerythritol, Preparation of. J. A. Wyler. 2,186,272; Jan. 9.
Pentaerythritol, Preparation of. J. A. Wyler. 2,206,379; July 2.
Pentaerythritol, Purifying. M. H. Hubacher and A. M. Matheson. 2,223,421; Dec. 3.
Perborate of light weight in bulk, Producing a. E. von Drathen and A. Köthe. 2,223,903; Dec. 3.
Percentage indicating scale. C. O. Marshall and L. S. Williams. 2,208,556; July 16.
Percolator. H. G. Wittels. 2,222,098; Nov. 19.
Percolator strapper machine. J. W. Ross and F. L. Crosbie. 2,192,106; Feb. 27.
Percussion drill. C. J. Endsley. 2,218,528; Oct. 22.
Percussion drill. A. W. Gelpcke. 2,217,202; Oct. 8.
Percussion drill. C. Hömen. 2,223,727; Dec. 3.
Percussion or repercussion apparatus. F. L. Douglas.
Percussion tool. R. Vasard. 2,211,993; Aug. 20.
Percussive mechanism. E. G. Gartin. 2,199,337; Apr. 30.
Percussive tool. H. J. Schorle. 2,205,736; June 25.
2,195,477; Apr. 2.
Percussive tool. W. A. Smith, Sr. 2,214,800; Sept. 17.
Perforating apparatus. K. J. Dollahite. 2,201,481; May 21.
Perforating device. C. Funcke. 2,202,198; May 28.

Perforating device. E. Kern. 2,200,672; May 14.
Perforating gun, Casing. F. I. Alexander. 2,192,591; Mar. 5.
Perforating in succession. W. F. Cousino. 2,208,018; July 16.
Perforating machine. S. E. Rosenberg. 2,186,594; Jan. 9.
Perforating machine. H. Ruppert. 2,189,742; Feb. 6.
Perforations of motion picture films, Method and apparatus for renewing the. N. Kaganski. 2,220,523; Nov. 5.
Perforator. J. S. Andersen and W. C. Putnam. 2,203,384; June 4.
Perforator. J. F. Ryan. 2,219,908; Oct. 29.
Perforator and closure device, Combined can. R. M. Roberts and A. B. Christopher. 2,194,099; Mar. 19.
Perforator and counter, Keyboard. W. H. Eddy. 2,189,545; Feb. 6.
Perforator and undercutter, Liner. A. J. Colmerauer. 2,214,811; Sept. 17.
Perforator, Bullet type casing. K. Calvert. 2,200,487; May 14.
Perforator, Can. R. C. Kulling. 2,200,029; May 7.
Perforator, Casing. C. C. Brown. 2,186,323; Jan. 9.
Perforator for well casings, Gun. E. F. Raymond and L. Spencer. 2,210,125; Aug. 6.
Perforator, Gun. R. M. Ridley. 2,212,045; Aug. 20.
Perforator, Keyboard. C. W. Burcky. 2,190,309; Feb. 13.
Perforator, Lawn. J. T. Ramsden and F. R. Wallace. 2,193,779; Mar. 12.
Perforator, Receiving. E. E. Kleinschmidt. 2,192,352; Mar. 5.
Perforator, Well casing. M. F. Aloi. 2,202,887; June 4.
Perfumery mixture. A. Weissenborn. 2,210,311; Aug. 6.
Perimeter. F. W. Jobe. 2,221,936; Nov. 19.
Periodic switch. P. S. Bear. 2,202,725; May 28.
Periodic switch. W. Millsap. 2,207,066; July 9.
Periodic wave generator. H. A. Wheeler. 2,226,648; Dec. 31.
Periodic wave generator. J. C. Wilson. 2,221,015; Nov. 12.
Periodic wave generator. J. C. Wilson. 2,221,665; Nov. 12.
Permanent magnet alloy. G. A. Kelsall and E. A. Nesbitt. 2,190,667; Feb. 20.
Permanent waving. E. F. Suter and C. Kropacsy. 2,201,458; May 21.
Permutation device. C. Livingston. 2,208,426; July 16.
Permutation lock. M. E. Sawicki. 2,216,356; Oct. 1.
Peroxide, Distillation of hydrogen. G. Adolph and M. E. Bretschger. 2,210,438; Aug. 6.
Peroxides and valuable metal compounds, Production of. G. Pfleiderer. 2,215,856; Sept. 24.
Peroxides, Preparation of. A. Krell and E. Herzog. 2,211,235; Aug. 13.
Perspiration inhibiting composition, Noncorrosive. W K. Teller. 2,210,014; Aug. 6.
Perspiration inhibiting material. W K. Teller. 2,210,013; Aug. 6.
Pessary. C. W. Schmidt. 2,219,535; Oct. 29.
Pest control. N. E. Searle and W. H. Tisdale. 2,218,181; Oct. 15.
Petroleum and like oils, Apparatus for converting. T. P. Simpson, J. W. Payne, J. A. Crowley, Jr., and C. S. Teitsworth. 2,185,931; Jan. 2.
Petroleum and like oils, Converting. T. P. Simpson, J. W. Payne, J. A. Crowley, Jr., and C. S. Teitsworth. 2,185,930; Jan. 2.
Petroleum by mining operations, Extraction of. K. Grosse and G. Schlicht. 2,210,582; Aug. 6.
Petroleum, Demulsification of. A. Shapiro. 2,217,387; Oct. 8.
Petroleum demulsifying reagent and process. T. B. Wayne. 2,206,589; July 2.
Petroleum distillate, Refining cracked. W. T. Hancock. Re. 21,655; Dec. 10.
Petroleum distillates, Coloring of. H. W. Elley and H. W. Daudt. 2,224,904; Dec. 17.
Petroleum distillates, Refining. E. E. Lyder. 2,208,591; July 23.
Petroleum distillates, Refining. T. C. Whitner, Jr. 2,189,850; Feb. 13.
Petroleum distillates, Refining of. C. Ellis. 2,190,471; Feb. 13.
Petroleum distillates, Sweetening. C. E. Dolbear. 2,221,183; Nov. 12.
Petroleum distillation. F. J. Smith. 2,203,930; June 11.
Petroleum emulsions, Resolving. M. De Groote. 2,226,118; Dec. 24.
Petroleum emulsions, Resolving. M. De Groote. 2,226,121–3; Dec. 24.
Petroleum emulsions, Resolving. M. De Groote, B. Keiser, and C. M. Blair, Jr. 2,192,993–5; Mar. 12.
Petroleum emulsions, Resolving. M. De Groote, B. Keiser, and A. F. Wirtel. 2,226,120; Dec. 24.
Petroleum emulsions, Resolving. M. De Groote and A. F. Wirtel. 2,225,824; Dec. 24.
Petroleum emulsions, Treating. J. B. Staten. 2,191,357; Feb. 20.
Petroleum hydrocarbons, Preventing the corrosive action of sulphur-bearing. T. L. McGee. 2,185,380; Jan. 2.
Petroleum, Method and apparatus for processing crude. D. G. Brandt. 2,189,191; Feb. 6.
Petroleum oil, Cracking. C. W. Tyson. 2,221,824; Nov. 19.
Petroleum oils, Desulphurizing. T. F. McCormick. 2,219,109; Oct. 22.
Petroleum oils, Selectively refining. A. W. Hixson and R. Miller. 2,216,009; Sept. 24.
Petroleum plastic, Translucent. A. P. Anderson. 2,201,466; May 21.
Petroleum product, Stable. C. M. Loane and B. H. Shoemaker. 2,199,108; Apr. 30.
Petroleum products, Treatment of. A. N. Sachanen and R. C. Hansford. 2,223,133; Nov. 26.
Petroleum, Selective solvent extraction of. J. Q. Cope and W. H. Claussen. 2,215,915; Sept. 24.
Petroleum sulphonic compounds, Recovery of. K. M. Thompson. 2,223,194; Nov. 26.
Petroleum, Vapor-phase treatment of. T. B. Leech. 2,204,685; June 18.
Pharmaceutical. W. G. Christiansen. 2,213,977; Sept. 10.
Pharmaceutical. F. W. Nitardy. 2,192,326; Mar. 5.
Pharmaceutical. F. W. Nitardy and W. G. Christiansen. 2,196,322; Apr. 9.
Pharmaceutical preparation. W. N. Doushkess. 2,224,256; Dec. 10.
Pharmaceutical preparation and making same. W. B. Coleman. 2,208,120; July 16.
Pharmaceuticals, Purification of. W. G. Christiansen and E. S. Herlong. 2,224,181; Dec. 10.
Phase angle indicator. C. W. La Pierre. 2,225,346; Dec. 17.
Phase difference indicator. F. H. Gulliksen. 2,217,477; Oct. 8.
Phase failure and overload protective system. E. W. Seeger and G. C. Brown. 2,202,998; June 4.
Phase indicating means. C. C. Shutt. 2,200,103; May 7.
Phase, Means for indicating. I. Wolff. 2,223,840; Dec. 3.
Phase measuring instrument. W. Mikelson. 2,225,348; Dec. 17.
Phase modulation. G. L. Usselman. 2,194,532; Mar. 26.
Phase modulation. G. L. Usselman. 2,217,778; Oct. 15.
Phase modulation indicator. F. Gutzmann. 2,189,896; Feb. 13.
Phase modulation receiver and automatic frequency control. M. G. Crosby. 2,207,691; July 9.
Phase shift, Measurement of. H. Nyquist. 2,209,064; July 23.
Phenanthrenes, Biochemical hydrogenation of. L. Mamoli. 2,186,906; Jan. 9.
Phenol compositions. S. B. Heath and W. L. Scoles. 2,196,988; Apr. 16.
Phenol-aldehyde, Production of terpenic. I. Rosenblum. 2,224,359; Dec. 10.
Phenol and making it, Petroleum wax alkylated. O. M. Reiff. 2,191,499; Feb. 27.
Phenol from phenolic solutions, Extraction of. K. Buchheim and H. Pflugk. 2,209,872; July 30.
Phenol-ketone condensation products, Manufacture of. W. H. Moss. 2,211,070; Aug. 13.
Phenolphthalein compounds and producing the same. S. E. Cairncross. 2,216,734; Oct. 8.
Phenolphthalein, Making irradiated. L. Pincussen. 2,225,756; Dec. 24.
Phenolphthalein, Producing. M. Hubacher. 2,192,485; Mar. 5.
Phenol, Preparation of. A. Dierichs. 2,217,836; Oct. 15.
Phenol recovery. A. C. Byrns. 2,209,150; July 23.
Phenolic compounds, Methylation of. H. A. Bruson and L. W. Covert. 2,194,215; Mar. 19.
Phenolic mixtures, Nitrosation of. J. W. Teter. 2,225,358; Dec. 17.
Phenolic triamines. H. A. Bruson and C. W. MacMullen. 2,220,834; Nov. 5.
Phenols and producing them, Alkylated. A. F. Bowles. 2,204,339; June 11.
Phenols, Di-alkyl. C. L. Moyle and E. M. Van Duzee. 2,207,753; July 16.
Phenols, Extraction of. A. Dierichs and H. Martini. 2,199,786; May 7.
Phenols from cashew nut shell liquid and obtaining the same. M. T. Harvey. 2,218,531; Oct. 22.
Phenols from mineral oils, Removing. A. C. Byrns. 2,210,542; Aug. 6.
Phenols, Halo-substituted polyalkyl. L. E. Mills and C. M. Galloway. 2,221,808; Nov. 19.
Phenols, Manufacturing alkyl. R. R. Dreisbach, E. C. Britton, and R. P. Perkins. 2,193,760; Mar. 12.
Phenols, Nitrosation of. J. W. Teter. 2,225,357; Dec. 17.
Phenols or phenolates from gas liquor or the like, Recovery of pure. H. Koppers. 2,200,370; May 14.
Phenols, Purification of petroleum. J. J. Owen. 2,199,208; Apr. 30.
Phenols, Solution of alkali metal salts of. H. Z. Lecher and M. Scalera. 2,193,336; Mar. 12.
Phenols, Sulphonated terpenyl alkyl. R. Zink. 2,186,132; Jan. 9.
Phenothioxine compounds, Hydrocarbon substituted. F. B. Smith and H. W. Moll. 2,221,819; Nov. 19.
Phenyl mercury oxyphenol and making it. K. Memminger and B. Gaudian. 2,193,430; Mar. 12.
Phone, Ear. W. Y. Cannon. 2,220,208; Nov. 5.
Phone, Head. W. H. Huth. 2,186,072; Jan. 9.
Phonograph. E. F. Andrews. 2,207,706; July 16.
Phonograph. A. V. Bedford. 2,185,882; Jan. 2.

Phonograph. L. Z. La Forest. 2,203,096; June 4.
Phonograph. L. Z. La Forest. 2,218,542; Oct. 22.
Phonograph. F. L. Fox. 2,223,723; Dec. 3.
Phonograph. H. F. M. Gramann. 2,223,414; Dec. 3.
Phonograph. C. Huenlich and H. F. M. Gramann. 2,200,334; May 14.
Phonograph. R. M. Somers. 2,212,672–3; Aug. 27.
Phonograph. R. M. Somers and H. S. Carlson. 2,220,626; Nov. 5.
Phonograph. A. Vischer, Jr. 2,214,913; Sept. 17.
Phonograph and radio, Combined. H. T. Roberts. 2,200,297; May 14.
Phonograph, Automatic. C. H. Green. Re. 21,514; July 23.
Phonograph, Automatic. H. E. Hussey. 2,211,425; Aug. 13.
Phonograph, Automatic. H. F. Maurer. 2,189,077; Feb. 6.
Phonograph, Automatic. J. R. Mitchell. 2,205,268; June 18.
Phonograph, Automatic. R. I. Wilcox. 2,215,141; Sept. 17.
Phonograph, Automatic. T. M. Wright. 2,220,435; Nov. 5.
Phonograph drive. B. A. Proctor. 2,188,087; Jan. 23.
Phonograph, Film playing. D. E. Hooker. 2,196,730; Apr. 9.
Phonograph, Magazine. G. S. Mann. 2,192,794; Mar. 5.
Phonograph mechanism, Automatic. P. U. Lannerd. 2,191,215; Feb. 20.
Phonograph pickup. E. J. Krause. 2,219,230; Oct. 22.
Phonograph record. J. H. Hunter. 2,217,170; Oct. 8.
Phonograph record blank. W. T. Walker. 2,216,970; Oct. 8.
Phonograph record cabinet. J. R. Roads. 2,226,779; Dec. 31.
Phonograph record changing mechanism. P. U. Lannerd. 2,191,214; Feb. 20.
Phonograph record resurfacing machine. G. H. Fritzinger. 2,209,834; July 30.
Phonograph record resurfacing machine. L. Z. LaForest. 2,209,836; July 30.
Phonograph record resurfacing machine. R. M. Somers. 2,209,835; July 30.
Phonograph record shaving machine. R. M. Somers. 2,209,833; July 30.
Phonograph structure. H. T. Roberts. 2,191,729; Feb. 27.
Phonograph trip apparatus. F. M. Schmidt. 2,214,482; Sept. 10.
Phonographic announcing mechanism and system. J. L. Franklin. 2,207,855; July 16.
Phonographic apparatus. E. C. Guedon. 2,192,999; Mar. 12.
Phosphate, Complex organic. C. L. Moyle. 2,225,285; Dec. 17.
Phosphate, Organic. W. D. Bancroft, J. K. Wilson, and J. E. Rutzler, Jr. 2,213,620; Sept. 3.
Phosphate rock by froth flotations, Beneficiation of. H. L. Mead and E. J. Maust. 2,216,040; Sept. 24.
Phosphatide composition. B. H. Thurman. 2,201,064; May 14.
Phosphates, Manufacture of alkali. A. Michels. 2,221,356; Nov. 12.
Phosphites, Aromatic. C. L. Moyle. 2,220,845; Nov. 5.
Phosphites, Aryl. T. S. Carswell. 2,200,712; May 14.
Phosphites, Mixed triaryl. C. L. Moyle. 2,220,113; Nov. 5.
Phosphoric polymerization in the absence of oxygen. W. P. Gage and R. M. Deanesly. 2,216,552; Oct. 1.
Phosphorus and metal, Making a composition of. C. Hardy. 2,200,743; May 14.
Phosphorus, Oxidation of crude. L. H. Almond. 2,221,770; Nov. 19.
Phosphorus, Treatment of. C. Hardy. 2,200,742; May 14.
Phosphonitrilic condensation product. D. Lipkin. 2,192,921; Mar. 12.
Phosphorescent screens, Optionally altering the afterglow period of. H. Hinderer. 2,185,439; Jan. 2.
Phosphorescent substances, Production of. L. Boente. 2,219,205; Oct. 22.
Photoamplifier system. H. Shore. 2,203,882; June 11.
Photocell. O. Geisler. 2,217,402; Oct. 8.
Photo-cell pickup system. C. H. Braselton. 2,193,789; Mar. 19.
Photocell telemetering, Multiple. G. H. Underhill. 2,192,761; Mar. 5.
Photocomposing machine. A. G. Ogden. 2,207,265; July 9.
Photocomposing machine. D. V. Mazzocco. 2,210,726; Aug. 6.
Photocopy machine, Portable. R. H. Fullerton. 2,223,148; Nov. 26.
Photoelectric apparatus. K. T. Bainbridge. 2,206,713; July 2.
Photoelectric attachment for scales. L. C. Barnes. 2,197,514; Apr. 16.
Photoelectric cell. O. Geisler. 2,226,716; Dec. 31.
Photoelectric cell. C. W. Hewlett. 2,196,830; Apr. 9.
Photoelectric cell. A. Kubitzek. 2,206,196; July 2.
Photoelectric cell, Making a. C. W. Hewlett. 2,189,580; Feb. 6.
Photoelectric controlling device. G. Efron. 2,211,320; Aug. 13.
Photoelectric device. A. M. Nicolson. 2,220,115; Nov. 5.
Photoelectric exposure determining apparatus. H. F. Tönnies. 2,185,934; Jan. 2.
Photoelectric exposure meter. P. Görlich. 2,208,027; July 16.
Photoelectric exposure meter. P. Görlich. 2,222,292; Nov. 19.
Photoelectric exposure meter. H. F. Tönnies. 2,227,166; Dec. 31.
Photoelectric indicating controller. C. O. Fairchild. 2,205,777; June 25.
Photoelectric system for sorting machines. H. Briebrecher. 2,222,429; Nov. 19.
Photoelectric tube. W. J. Albersheim. 2,198,650; Apr. 30.
Photoelectric tube. H. M. Biele. 2,187,484; Jan. 16.
Photoelectric tube. S. B. Ingram. 2,208,129; July 16.
Photoelectric tube. G. Maurer. 2,210,683; Aug. 6.
Photoelectric tube. G. Maurer. 2,218,340; Oct. 15.
Photoelectric tube. C. H. Prescott, Jr. 2,217,205; Oct. 8.
Photoelectric tube. H. Steyskal. 2,204,388; June 11.
Photoelectrical cell, Preserved. E. G. Touceda and J. D. Lee, Jr. 2,222,788; Nov. 26.
Photoelectrically sensitive layers, Manufacturing. A. Sommer. 2,192,418; Mar. 5.
Photoengraving. W. S. Marx. 2,191,939; Feb. 27.
Photoflash lamp. R. L. Kreidler. 2,201,294; May 21.
Photoflash synchronizer. S. Mendelsohn. 2,204,424; June 11.
Photoflashes with focal plane shutters, Synchronization of. O. Steiner. 2,188,065; Jan. 23.
Photo printing and drying device. J. J. Campbell. 2,225,530; Dec. 17.
Photoprinting system and apparatus. R. Stuart. 2,227,110; Dec. 31.
Phototube with electron multiplier. K. Schlesinger. 2,227,031; Dec. 31.
Photograph. J. R. Alburger. 2,199,902; May 7.
Photograph and motion picture, Three dimensional. T. H. Nakken. 2,185,221; Jan. 2.
Photograph frame. M. Dankanyin. 2,191,373; Feb. 20.
Photograph mount and mailing receptacle, Combined. W. S. Prichap. 2,219,492; Oct. 29.
Photographer's work cabinet. L. L. Ogg. 2,213,146; Aug. 27.
Photographic antihalation layer. S. E. Sheppard and R. C. Houck. 2,203,659; June 4.
Photographic apparatus. R. N. Carter. 2,210,882; Aug. 13.
Photographic apparatus. B. J. Foy. 2,187,709; Jan. 16.
Photographic apparatus. E. W. Kellogg. 2,219,930; Oct. 29.
Photographic apparatus. A. E. Lechleitner and L. R. Martin. 2,203,655; June 4.
Photographic apparatus. L. R. Martin. 2,186,611; Jan. 9.
Photographic apparatus. J. Mihalyi. 2,186,616; Jan. 9.
Photographic apparatus. J. G. Morgan. 2,202,353; May 28.
Photographic apparatus. W. Rabkin and L. E. Larsen. 2,192,755; Mar. 5.
Photographic apparatus. M. Schwartz and W. Castedello. 2,225,596; Dec. 17.
Photographic apparatus. P. P. B. Strauss. 2,213,749; Sept. 3.
Photographic apparatus and method. W. H. and E. C. Harrison. 2,185,847; Jan. 2.
Photographic apparatus, Automatic regulation of exposure in. H. Blechner. 2,206,626; July 2.
Photographic apparatus of the magazine type. W. E. Merriman and C. W. Carroll. 2,213,768; Sept. 3.
Photographic apparatus, particularly a photographic camera, Adjusting the objective of a. W. Lindenberg. 2,196,733; Apr. 9.
Photographic coating, Vinyl acetal resin. C. R. Fordyce. 2,211,323; Aug. 13.
Photographic color developer. K. Schinzel. 2,206,126; July 2.
Photographic composition, element, and process, Color-forming. L. B. Morris. 2,189,817; Feb. 13.
Photographic copying. G. Szasz. 2,219,667; Oct. 29.
Photographic copying apparatus. R. S. Hopkins. 2,213,734; Sept. 3.
Photographic copying apparatus. G. Szasz. 2,198,396; Apr. 23.
Photographic designs, Reproduction of color. L. Singer. 2,201,128; May 14.
Photographic developer. J. R. Alburger. 2,199,904; May 7.
Photographic developer. G. P. Ham. 2,196,901; Apr. 9.
Photographic developer and development. H. Borst. 2,192,891; Mar. 12.
Photographic developer, Fine grain. W. H. Wood. 2,197,017; Apr. 16.
Photographic developer for color photography. W. D. Peterson. 2,196,739; Apr. 9.
Photographic developer package. I. N. Odell and R. E. Smith. 2,214,202; Sept. 10.
Photographic developers, Preservative for. W. H. Wood. 2,197,016; Apr. 16.
Photographic developing apparatus, Daylight. A. Lingg and P. Frost. 2,194,603; Mar. 26.

Photographic developing solutions containing aromatic hydrazines, their preparation and use. J. E. Kirby. 2,220,929; Nov. 12.
Photographic development. J. R. Alburger. 2,199,903; May 7.
Photographic development of silver halide layers. F. Albers, H. Nitze, G. Schaum and E. Weyde. 2,214,446; Sept. 10.
Photographic device. P. S. Lester. 2,189,988; Feb. 13.
Photographic device for vacuum apparatus. L. Marton. 2,200,095; May 7.
Photographic diffusion device. J. B. Walker. 2,211,037; Aug. 13.
Photographic element, Antihalation. W. D. Baldsiefen. 2,203,767–8; June 11.
Photographic emulsion. B. H. Carroll. 2,206,076; July 2.
Photographic emulsion. B. H. Carroll. 2,218,230; Oct. 15.
Photographic emulsion. E. P. Davey. 2,226,158; Dec. 24.
Photographic emulsion. G. H. Keyes. 2,216,441; Oct. 1.
Photographic emulsion. J. A. Leermakers. 2,221,805; Nov. 19.
Photographic emulsion. J. A. Leermakers. 2,222,262; Nov. 19.
Photographic emulsion. A. H. Nietz and F. J. Russell. 2,222,264; Nov. 19.
Photographic emulsion. O. Riester and G. Wilmanns. 2,213,995; Sept. 10.
Photographic emulsion. R. Stevens. 2,185,798; Jan. 2.
Photographic emulsions, Stabilization of. J. D. Kendall. 2,195,150; Mar. 26.
Photographic enlarger. C. J. Hughey. 2,213,735; Sept. 3.
Photographic enlarger. R. Simmon. 2,222,185; Nov. 19.
Photographic enlarging apparatus. I. A. Cantor. 2,188,622; Jan. 30.
Photographic exposure apparatus. H. F. Tönnies. 2,213,642; Sept. 3.
Photographic exposure meter. J. M. Bing. 2,195,640; Apr. 2.
Photographic exposure meter. W. Schafer. 2,217,236; Oct. 8.
Photographic film, Device for viewing. E. W. Kellogg and D. O. Landis. 2,185,252; Jan. 2.
Photographic film washer. C. P. Erschen. 2,223,606; Dec. 3.
Photographic filter. A. H. Kampfer and A. Schattmann. 2,202,737; May 28.
Photographic filter magazine. H. E. Schultz. 2,205,179; June 18.
Photographic finger printing apparatus. T. A. Johnson. 2,195,699; Apr. 2.
Photographic fixative composition. M. M. Brubaker. 2,195,405; Apr. 2.
Photographic fixing powder, Stabilized. G. P. Ham. 2,203,903; June 11.
Photographic illuminating equipment. J. A. Saffir and H. G. Bartsch. 2,191,402; Feb. 20.
Photographic image, Colored. K. Schinzel. 2,193,011; Mar. 12.
Photographic image from hydrazine compounds, Colored. A. Marriage. 2,196,734; Apr. 9.
Photographic images by color development, Production of colored. J. D. Kendall and R. B. Collins. 2,220,908; Nov. 12.
Photographic images, Producing multicolored. W. Michaelis. 2,193,931; Mar. 19.
Photographic images, Production of colorod. J. D. Kendall and R. B. Collins. 2,213,986; Sept. 10.
Photographic images, Production of colored. H. D. Murray. 2,192,929; Mar. 12.
Photographic justifying machine. A. G. Ogden. 2,207,266; July 9.
Photographic layer and producing same. W. P. M. J. Robijns. 2,192,241; Mar. 5.
Photographic layers, Production of colored. W. Schneider. 2,816,731; Jan. 9.
Photographic material. B. Gáspár. 2,219,306; Oct. 29.
Photographic material. E. B. Middleton and G. A. Dawson. 2,202,992; June 4.
Photographic material and making same. B. Gáspár and L. Schwarc. 2,221,792; Nov. 19.
Photographic material and making the same, Light-sensitive multilayer. B. Gáspár. 2,219,988; Oct. 29.
Photographic material to obtain colored pictures, Treating. P. Goldfinger. 2,217,544; Oct. 8.
Photographic method. P. Landrock. 2,225,747; Dec. 24.
Photographic multilayer material, Colored. B. Gáspár. 2,219,304; Oct. 29.
Photographic multilayer material for color photographic purposes. B. Gáspár. 2,219,305; Oct. 29.
Photographic objective. L. Bertele. 2,188,523; Jan. 30.
Photographic objective mount. H. Küppenbender. 2,193,459; Mar. 12.
Photographic printing. J. Eggert and G. Heymer. 2,204,074; June 11.
Photographic printing. M. H. Tucker. 2,199,580; May 7.
Photographic printing apparatus. J. H. Dilks, Jr. 2,196,629; Apr. 9.
Photographic printing frame. H. Neuwirth. 2,211,833; Aug. 20.
Photographic printing machine. A. J. Child, J. C. Hall, and J. W. Stobart. 2,201,885; May 21.
Photographic printing machine. A. M. and W. M. Ernst. 2,223,341; Dec. 3.
Photographic printing machine. C. E. Phillimore. 2,205,540; June 25.
Photographic printing process. R. Zahn, O. Süs, and R. Franke. 2,196,950; Apr. 9.
Photographic printing process and material. F. F. Renwick. 2,202,026; May 28.
Photographic prints in color, Making. R. S. Carter. 2,194,293; Mar. 19.
Photographic prints, Preparing. O. Süs. 2,217,189; Oct. 8.
Photographic process and emulsion utilizing cation-active surface active agents. D. M. McQueen. 2,197,809; Apr. 23.
Photographic process, Color. L. Schwarc. 2,220,123; Nov. 5.
Photographic processing. G. G. Moreno. 2,201,591; May 21.
Photographic projection device. C. H. Fetter. 2,216,512; Oct. 1.
Photographic recording machine. J. W. Bryce. 2,211,847; Aug. 20.
Photographic reproducing apparatus. J. H. Glass and L. Lezy. 2,206,396; July 2.
Photographic reproducing apparatus. F. Homrich. 2,208,725; July 23.
Photographic reversal process. R. M. Evans and W. T. Hanson, Jr. 2,193,023; Mar. 12.
Photographic shutter. H. O. Drotning and L. R. Martin. 2,206,811; July 2.
Photographic shutter. M. R. Hutchison, Jr. 2,186,639; Jan. 9.
Photographic shutter. E. Strassenburg. 2,214,754; Sept. 17.
Photographic shutter brake. A. Wagner. 2,227,237; Dec. 31.
Photographic silver halide emulsions. G. Wilmanns and W. Schneider. 2,186,852; Jan. 9.
Photographic silver halide emulsions, Manufacture of. G. Wilmanns, K. Kumetat, A. Fröhlich, W. Schneider, and R. Brodersen. 2,186,849; Jan. 9.
Photographic silver halide emulsions, Sensitizing. R. Stevens. 2,191,810; Feb. 27.
Photographic statistical machine. J. W. Bryce. 2,220,474; Nov. 5.
Photographic test strip. H. C. Spencer. 2,219,703; Oct. 29.
Photographic toning with ferricyanides. R. H. Landis. 2,206,572; July 2.
Photographic transparencies, Producing. E. R. Ne Page. 2,218,828; Oct. 22.
Photographic view finder. O. Sänger. 2,221,609; Nov. 12.
Photographic view finder. O. Zimmermann. 2,206,382; July 2.
Photographic view finder. O. Zimmermann. 2,217,930; Oct. 15.
Photographic washer. J. C. Werneth. 2,217,531; Oct. 8.
Photographing apparatus. G. L. McCarthy and A. Novick. Re. 21,365; Feb. 20.
Photographing machine, Automatic. G. N. Pifer. 2,218,656; Oct. 22.
Photographing system, Selective. M. H. Loughridge and R. Stuart. 2,209,342; July 30.
Photographs, Making. O. Vierling. 2,186,942; Jan. 16.
Photographs, Method of and material for indirectly producing color. B. Gáspár. Re. 21,513; July 23.
Photographs on sheets, Reproducing strip. P. R. and E. C. Perkins. 2,195,936; Apr. 2.
Photographs, Producing copies of lenticular color. C. Nordmann. 2,201,740; May 21.
Photographs, Touching up radio. J. E. Smith. 2,223,431; Dec. 3.
Photography. C. H. Fetter. 2,222,257; Nov. 19.
Photography. K. L. Henderson. 2,186,138; Jan. 9.
Photography. R. S. John. 2,198,115; Apr. 23.
Photography. H. L. Mohr and A. W. Tondreau. 2,195,750; Apr. 2.
Photography. K. W. C. Webb. 2,196,133; Apr. 2.
Photography and improved means for securing the same. F. H. Pierce. 2,207,411; July 9.
Photography, Color. C. Butement. 2,197,994; Apr. 23.
Photography, Color. J. Eggert and G. Heymer. 2,210,146; Aug. 6.
Photography, Color. S. B. Grimson. 2,220,233; Nov. 5.
Photography, Color. R. Killick. 2,214,531; Sept. 10.
Photography, Color. O. Riester. 2,196,275; Apr. 9.
Photography, Color. K. Schinzel. 2,226,639; Dec. 31.
Photography, Color. W. Schneider. 2,186,734; Jan. 9.
Photography, Color. W. Schneider and A. Fröhlich. 2,186,733; Jan. 9.
Photography, Color. V. B. Sease and D. R. White. 2,224,163; Dec. 10.
Photography, Color. A. Von Biehler. 2,205,755; June 25.
Photography, Color. E. A. Weaver. 2,186,053–4. Jan 9.
Photography, Color. G. Wilmanns, A. Sieglitz, and A. Fröhlich. 2,186,850; Jan. 9.
Photography, Color. G. Wilmanns, W. Schneider, and A. Fröhlich. 2,186,851; Jan. 9.
Photography, Color. G. Wilmanns, W. Schneider, and G. von Kujawa. 2,224,329; Dec. 10.
Photography, Composite. B. C. Haskin. 2,198,815; Apr. 30.

Photography, Composite. B. C. Haskin. 2,200,358; May 14.
Photography, Electron. C. F. Carlson. 2,221,776; Nov. 19.
Photography, Lenticular color. J. G. Capstaff. 2,210,881; Aug. 13.
Photography, Multicolor. W. Schneider. 2,186,730; Jan. 9.
Photography, Multipack. J. Eggert, A. von Biehler, and G. Heymer. 2,208,754; July 23.
Photography, Polychrome. J. P. Bertrand. 2,200,018; May 7.
Photography, Pose reflecting. R. B. Wheelan. 2,224,579; Dec. 10.
Photography, Production of colored images by. H. J. C. Tendeloo. 2,193,574; Mar. 12.
Photography, Subtractive process for color. E. G. Seary. 2,196,036; Apr. 2.
Photometer. J. H. Goss and F. K. McCune. 2,209,815; July 30.
Photometer construction. O. W. Pineo. 2,189,270; Feb. 6.
Photometer for measuring exposures and densities. P. R. Tarr. 2,190,553; Feb. 13.
Photomicrographs, Making electronic. L. Marton 2,206,415; July 2.
Photoprinting apparatus. H. V. Baker. 2,207,449; July 9.
Photoprinting process. M. P. Schmidt and O. Süs. 2,212,959; Aug. 27.
Photo-printing system and apparatus. M. H. Loughridge and R. Stuart. 2,198,627; Apr. 30.
Photorinser. L. G. Wright. 2,220,567; Nov. 5.
Photosensitive apparatus. D. Ulrey. 2,193,606; Mar. 12.
Phototube. H. Steyskal. 2,213,554; Sept. 3.
Phototube. J. T. Tykocinер, J. Kunz, and L. P. Garner. 2,185,531; Jan. 2.
Phototube, Tubular. H. M. Biele. 2,222,395; Nov. 19.
Phthalic anhydride, Method and apparatus for recovering. J. W. Livingston. 2,219,996; Oct. 29.
Phthalic anhydride, Production of. D. A. Rogers. 2,219,333; Oct. 29.
Phthalic acid, Manufacture of brominated. P. W. Jewel and J. R. Pratt. 2,211,465; Aug. 13.
Phthalic anhydride, Continuously recovering. J. W. Livingston. 2,215,968; Sept. 24.
Phthalocyanine coloring matter. M. Wyler. 2,197,459; Apr. 16.
Phthalocyanine sulphonic acid chlorides. F. Nadler, H. Hoyer, and O. Bayer. 2,219,330; Oct. 29.
Phthalocyanines, Halogenated. C. E. Dent and W. A. Silvester. 2,195,984; Apr. 2.
Phthalocyanines, Manufacture of. A. Riley. 2,214,477; Sept. 10.
Phthalocyanines, Manufacturing halogenated. R. P. Linstead and C. E. Dent. 2,214,469; Sept. 10.
Physical culture and exercising device. A. Matysek. 2,209,465; July 30.
Piano. C. Farny. 2,215,097; Sept. 17.
Piano. A. A. Huseby. 2,195,624; Apr. 2.
Piano. A. H. Morse and A. F. Knoblaugh. 2,186,466; Jan. 9.
Piano action. W. G. Betz. Re. 21,567; Sept. 17.
Piano action. A. A. Davidson. 2,195,721; Apr. 2.
Piano action. A. F. Dinsmore. 2,193,715–6; Mar. 12.
Piano action. C. Schulze. 2,226,877; Dec. 31.
Piano action for accordions, Treble. C. Lindeberg. 2,220,724; Nov. 5.
Piano bridge. O. A. Bronson. 2,200,913; May 14.
Piano construction. C. Farny. 2,220,225; Nov. 5.
Piano, Electrical. H. F. Riechers. 2,219,539; Oct. 29.
Piano, Electronic. B. F. Miessner. 2,200,718; May 14.
Piano fall-board. W. M. Day. Re. 21,614; Nov. 5.
Piano, Horizontal. W. M. Day and F. Huettemann. 2,191,443; Feb. 27.
Piano key and action combination. A. H. Morse and C. Pieper. 2,185,644; Jan. 2.
Piano, Miniature. W. Schimmel. 2,199,211; Apr. 30.
Piano-organ, Electronic. J. Markowitz. 2,205,571; June 25.
Piano pedal operating attachment. E. G. Ege and F. Winans. 2,213,800; Sept. 3.
Piano string bridging device. W. R. Kuzelka. 2,191,487; Feb. 27.
Piano string plate construction. J. Klepac. 2,217,021; Oct. 8.
Piano, Upright. C. H. Jacob. 2,195,458; Apr. 2.
Piano instruction, System and apparatus for. B. M. Lang. 2,221,143; Nov. 12.
Pick for stringed instruments. M. Frasier. 2,221,234; Nov. 12.
Pick, Ice. C. W. Jones. 2,223,422; Dec. 3.
Pick, Ice. M. J. Zimmer. 2,215,492; Sept. 24.
Pick, Mechanical. F. J. Litter. 2,194,706; Mar. 26.
Pickup and dumping vehicle. W. C. Anthony. 2,189,052; Feb. 6.
Pickup and loader apparatus. W. F. Holbrook and C. L. Jordan. 2,208,128; July 16.
Pickup arm construction for phonographs. B. N. Alsbrook, Jr. 2,224,332; Dec. 10.
Pickup, Electrodynamic. L. Thompson. 2,213,936; Sept. 3.
Pickup for sheet feeders. H. Hallstream. 2,203,261; June 4.
Pick-up mechanism. G. Innes. Re. 21,571; Sept. 17.
Pick-up support. E. Otto. 2,214,509; Sept. 10.
Pickup tool. S. Idland. 2,221,094; Nov. 12.
Picker. R. W. Chandler. 2,219,380; Oct. 29.
Picker, Corn. A. C. Lindgren and C. R. Raney. 2,217,872; Oct. 15.
Picker, Cotton. C. R. Berry. 2,224,285–6; Dec. 10.
Picker, Dandelion. C. R. Stasenka. 2,218,158; Oct. 15.
Picker for mechanical looms. J. Prina and E. Delzar. 2,223,857; Dec. 3.
Picker head, Cotton. L. C. Stukenborg. 2,222,637; Nov. 26.
Picker return means. W. R. Hewton. 2,194,656; Mar. 26.
Picker spindle lubricator. V. H. Jennings. 2,219,779; Oct. 29.
Picker stick. J. R. White. 2,219,946; Oct. 29.
Picker stick check. C. D. Brown. 2,191,422; Feb. 20.
Picker stick lug or block. A. P. Lewis. 2,222,352; Nov. 19.
Picking device for flat hosiery knitting frames having hooked needles. F. Tessé. 2,198,846; Apr. 30.
Picking tool. M. J. Sarnecky. 2,204,734; June 18.
Pickling and cleaning apparatus. F. J. Wood. 2,212,219; Aug. 20.
Pickling and cleaning device for strips of sheet metal. F. J. Wood. 2,203,480; June 4.
Pickling solution for copper-base alloys. M. L. Wood. 2,211,400; Aug. 13.
Pickling tank. O. S. True and E. R. Beecher. 2,216,544; Oct. 1.
Pictorial control and material for use therein. P. H. Jamieson. 2,206,190; July 2.
Picture and sound records by the chromate method, Production of silverless. M. B. Hollaender. 2,191,017; Feb. 20.
Picture apparatus, Light-reflecting and sound-transmitting motion. A. B. Hurley. 2,187,904; Jan. 23.
Picture apparatus, Motion. G. A. Cathey. 2,194,737; Mar. 26.
Picture apparatus, Motion. E. G. Dorgelo and P. M. van Alphen. 2,215,464; Sept. 24.
Picture apparatus, Motion. M. Fleischer and J. E. Burks. 2,200,953; May 14.
Picture apparatus, Motion. H. Griffin and A. Kindelmann. 2,192,641; Mar. 5.
Picture apparatus, Motion. J. F. Leventhal. 2,209,698; July 30.
Picture apparatus, Motion. H. Nagel. 2,196,738; Apr. 9.
Picture apparatus, Motor. H. Griffin. 2,187,803; Jan. 23.
Picture apparatus, Sound. H. I. Robinson. 2,207,821; July 16.
Picture apparatus, Sound. H. N. Schwarzkopf. 2,219,850; Oct. 29.
Picture, Convertible. T. W. Kreeger. 2,225,307; Dec. 17.
Picture device, Stereoscopic. M. M. Idzal. 2,190,516; Feb. 13.
Picture film reel, Separable moving. J. M. Goldberg. 2,225,987; Dec. 24.
Picture frame. A. Cohen. 2,223,674; Dec. 3.
Picture frame. N. G. Horwitt. 2,209,972; Aug. 6.
Picture frame. W. M. King. 2,189,521; Feb. 6.
Picture frame. S. S. Moore. 2,203,737; June 11.
Picture frame, Illuminated. J. H. Miller. 2,220,262; Nov. 5.
Picture frame, Multiple. H. Smalls. 2,218,409; Oct. 15.
Picture framing device, Motion. F. E. Runge. 2,192,987; Mar. 12.
Picture hanger. H. Auslander. 2,224,008; Dec. 3.
Picture illuminating means. J. F. Shaffer. 2,225,527; Dec. 17.
Picture-indicia projection system. A. Giles. 2,220,094; Nov. 5.
Picture machine, Moving. O. D. Brown. 2,225,620; Dec. 24.
Picture, Metal. J. F. Wenton. 2,212,091; Aug. 20.
Picture, Photographic color. W. Schneider and H. Loleit. 2,186,685; Jan. 9.
Picture, Photographic color. W. Schneider and H. Lohaus. 2,214,483; Sept. 10.
Picture projecting machine, Motion. B. Stechbart. 2,190,198; Feb. 13.
Picture projection machine, Motion. F. Spaulding. 2,196,480; Apr. 9.
Picture projection, Motion. V. A. Rollings. 2,200,681; May 14.
Picture projection screen. D. M. Kennedy. 2,202,988; June 4.
Picture projector, Motion. J. J. Dilks, Jr. 2,816,753; Jan. 9.
Picture projectors, Driving and synchronizing mechanism for motion. E. Boecking. 2,211,808; Aug. 20.
Picture receiving system. K. Schlesinger. 2,226,992; Dec. 31.
Picture scanner, Cathode ray. R. Urtel. 2,196,130; Apr. 2.
Picture transmission system. A. Karolus. 2,185,302; Jan. 2.
Picture transmission system, Color. W. G. H. Finch. 2,185,806; Jan. 2.
Picture transmission, System of. D. K. Lippincott. 2,226,436; Dec. 24.
Picture transmitter. H. Miller. 2,212,923; Aug. 27.
Picture transmitter. K. Schlesinger and G. Liebmann. 2,227,015; Dec. 31.

Picture transmitter. G. Wald. 2,217,326; Oct. 8.
Picture transmitter tube. V. K. Zworykin. 2,201,215; May 21.
Picture variator, Proportional. W. E. Straubel. 2,204,709; June 18.
Pictures by discharge, Producing. F. G. Yanes. 2,211,807; Aug. 20.
Pictures from multicolor master images, Producing color selection. P. Goldfinger. 2,207,631; July 9.
Pictures, Method and apparatus for making motion. P. Stumpf. 2,217,240; Oct. 8.
Pictures over telephone lines, System and method for sending. L. H. Crook. 2,222,606; Nov. 26.
Pictures, Producing and exhibiting sound motion. O. A. Ross. 2,227,201; Dec. 31.
Pictures, Producing animated. D. Crockwell. 2,206,765; July 2.
Pictures, Producing photographic dyestuff. B. Gáspár. 2,221,793; Nev. 19.
Pictures, Production of color photographic. W. Schneider. 2,186,045; Jan. 9.
Pictures, Production of colored photographic. J. Eggert and A. Fröhlich. 2,186,717; Jan. 9.
Pictures, Production of photographic multi-color. J. Eggert and G. Heymer. 2,210,905; Aug. 13.
Pictures, Projecting stereoscopic. W. Pistor and O. Vierling. 2,222,300; Nov. 19.
Pictures, Stereoscopic projection of. E. H. V. Noaillon. 2,198,678; Apr. 30.
Pictures, System of scanning or projecting. J. Z. Denin-son. 2,194,972; Mar. 26.
Pictures, Unitary system for transmitting color and black-white. W. G. H. Finch. 2,187,374; Jan. 16.
Piecrust crimping device. J. Romanoff. 2,198,705; Apr. 30.
Pie cut container, Individual. R. K. Layton. 2,220,110; Nov. 5.
Pie making machine. D. W. Smith. 2,200,347; May 14.
Pie plate holder, Multiple. D. W. Smith. 2,188,558; Jan. 30.
Pie plate ring. J. Damon. 2,189,241; Feb. 6.
Pie rimming machine. L. J. Harriss and B. Lambers. 2,219,448; Oct. 29.
Piercer point. J. W. Kelso. 2,212,690; Aug. 27.
Piercing machine or the like. W. G. Bihler. 2,202,894; June 4.
Piezoelectric apparatus. C. K. Gravley. 2,207,539; July 9.
Piezoelectric apparatus. F. R. Lack, G. W. Willard, and I. E. Fair. 2,218,200; Oct. 15.
Piezoelectric apparatus. W. P. Mason. 2,185,599; Jan. 2.
Piezoelectric apparatus. W. P. Mason. 2,202,391; May 28.
Piezoelectric apparatus. W. P. Mason. 2,227,268; Dec. 31.
Piezoelectric apparatus. G. W. Willard. 2,218,225; Oct. 15.
Piezoelectric crystal apparatus. W. P. Mason. 2,204,762; June 18.
Piezoelectric crystal apparatus. R. A. Sykes. 2,223,537; Dec. 3.
Piezoelectric crystal holder. R. E. Franklin. 2,197,858; Apr. 23.
Piezoelectric crystal impedance element. J. F. Barry and H. G. Och. 2,194,539; Mar. 26.
Piezoelectric device. T. G. Kinsley. 2,203,332; June 4.
Piezo-electric device. C. U. Peterson. 2,203,545; June 4.
Piezoelectric device. A. L. W. Williams. 2,222,056; Nov. 19.
Piezoelectric plate holder. A. W. Ziegler. 2,218,735; Oct. 22.
Piezoelectric pressure indicator. H. Hintze and H. Ilgen. 2,190,713; Feb. 20.
Piezoelectric relay, Delay type. D. G. Blattner and L. Vieth. 2,201,879; May 21.
Piezoelectric substance and producing it. S. O. Morgan. 2,188,154; Jan. 23.
Piezometer. G. Swift. 2,216,966; Oct. 8.
Piezometer connection. M. M. Borden. 2,219,220; Oct. 22.
Pig iron and the production of steels and alloy Steels, Refining of. A. C. Nesfield. 2,223,738; Dec. 3.
Pigment. J. C. Heckman. 2,203,905; June 11.
Pigment and making same. W. D. Stillwell. 2,215,623; Sept. 24.
Pigment and method of manufacture. L. Ryan and W. J. Cauwenberg. 2,207,416; July 9.
Pigment and paint and making same, Opaque white. L. E. Barton. 2,197,605; Apr. 16.
Pigment and paint and making same, White composite. L. E. Barton. 2,197,604; Apr. 16.
Pigment and pigment composition, Paper-coating. C. A. Jones and W. J. Montgomery. 2,210,835; Aug. 6.
Pigment and producing same, Titanium oxide. C. R. Hager. 2,214,132; Sept. 10.
Pigment and producing the same, Treated. A. Lightbody. 2,187,130; Jan. 16.
Pigment, Chalk resistant titanium. J. E. Booge. 2,224,777; Dec. 10.
Pigment, Colored. C. Dangelmajer. 2,213,546; Sept. 3.
Pigment conditioner. O. R. Plummer. 2,215,912; Sept. 24.
Pigment containing aminotriazinealdehyde condensation product. G. Widmer. 2,197,442; Apr. 16.
Pigment from barium titanate, Rutile. R. M. McKinney. 2,193,563; Mar. 12.
Pigment in organic materials, Transfer of. C. K. Sloan and G. D. Patterson. 2,192,954; Mar. 12.
Pigment, Making cadmium red. J. J. O'Brien. 2,226,573; Dec. 31.
Pigment manufacture. C. K. Sloan and G. D. Patterson. 2,192,956; Mar. 12.
Pigment material and making same. R. L. McCleary. 2,216,889; Oct. 8.
Pigment milling process. M. L. Hanahan and J. D. Prince. 2,214,815; Sept. 17.
Pigment, Organic black. G. M. Friese. 2,194,423; Mar. 19.
Pigment, Phthalocyanine. M. A. Dahlen and S. R. Detrick. 2,192,704; Mar. 5.
Pigment preparation. J. S. H. Davies, A. J. Hailwood, and W. Todd. 2,213,693; Sept. 3.
Pigment process. J. E. Booge and C. F. Oppermann. 2,186,095; Jan. 9.
Pigment production, Inorganic chrome. S. C. Horning. 2,212,917; Aug. 27.
Pigment production, Titanium. J. E. Booge. 2,213,542; Sept. 3.
Pigment substance and producing same. J. B. Sutton. 2,226,147; Dec. 24.
Pigment, Sulphide. K. S. Mowlds. 2,194,479; Mar. 26.
Pigment, Sulphide. K. S. Mowlds. 2,195,117–18; Mar. 26.
Pigmented material. C. H. Hempel. 2,198,939; Apr. 30.
Pigments and making the same, Composite. R. H. Monk and A. S. Ross. 2,213,168; Aug. 27.
Pigments, Colored titanium. H. H. Schaumann. 2,226,142; Dec. 24.
Pigments, Colored titanium dioxide. R. M. McKinney and C. E. Smith. Re. 21,427; Apr. 16.
Pigments, Dispersing. R. T. Hucks. 2,212,641; Aug. 27.
Pigments for use in manufacture of artificial silk. H. D. Mudford. 2,202,594; May 28.
Pigments in film-forming vehicles, Dispersion of. A. J. Lapointe. 2,205,985; June 25.
Pigments, Making. K. S. Mowlds. 2,197,003; Apr. 16.
Pigments, Making cadmium sulphide. J. J. O'Brien. 2,220,117; Nov. 5.
Pigments, Manufacture of. M. Darrin. 2,209,899; July 30.
Pigments, Manufacture of. H. Querengässer. 2,187,822; Jan. 23.
Pigments, Manufacture of. O. F. Tarr. 2,209,907; July 30.
Pigments, Manufacture of antimony trioxide. K. Schirrmeister. 2,200,478; May 14.
Pigments, Manufacture of finely divided phthalocyanine. C. E. Dent. 2,214,454; Sept. 10.
Pigments, Manufacture of titanium dioxide. A. G. Oppegaard and C. J. Stopford. 2,200,373; May 14.
Pigments of predetermined subordinate tints, Producing white titanium dioxide. R. M. McKinney. 2,192,501; Mar. 5.
Pigments, Preparation of titanium dioxide. B. W. Allan. 2,188,259; Jan. 23.
Pigments, Preparing composite. H. V. Alessandroni. 2,212,629; Aug. 27.
Pigments, Producing calcium sulphate-zinc sulphide. R. W. Sullivan. 2,213,555; Sept. 3.
Pigments, Producing titanium. G. D. Patterson. 2,187,050; Jan. 16.
Pigments, Production of improved. H. C. Brill. 2,220,952; Nov. 12.
Pigments, Production of phthalocyanine. F. Muehlbauer. 2,212,924; Aug. 27.
Pigments, Production of rutile. J. L. Keats. 2,193,559; Mar. 12.
Pigments, Production of titanium. L. C. Eckels. 2,216,879; Oct. 8.
Pigments, Purification of crude phthalocyanine. J. L. Hartwell. 2,225,302; Dec. 17.
Pile. C. G. Cappel. 2,204,924; June 18.
Pile and making the same, Reinforced. T. H. Hansen. 2,189,028; Feb. 6.
Pile and other fabrics, Cleaning. N. A. Jamgotch. 2,189,209; Feb. 6.
Pile, Concrete bearing. G. G. Greulich. 2,187,318; Jan. 16.
Pile construction, Bearing. G. G. Greulich. 2,187,313; Jan. 16.
Pile construction, Interlocking. H. N. Simpson. 2,192,508–9; Mar. 5.
Pile cutter. W. S. Moody, Jr., and G. C. Lemol. 2,196,471; Apr. 9.
Pile driver. W. H. Nichols. 2,193,293; Mar. 12.
Pile driver, Portable and collapsible. B. V. Millam. 2,192,091; Feb. 27.
Pile fabric. A. Wright. 2,203,450; June 4.
Pile fabric, Making. J. O. Amstuz. 2,223,476; Dec. 3.
Pile fabric, Method and apparatus for making a. E. S. Jacobsen. 2,225,452; Dec. 17.
Pile gauge. J. A. Goetz. 2,209,265; July 23.
Pile holes, Shoring bell bottom. B. E. Bertran. 2,203,978; June 11.
Pile repair unit. J. L. Brumley. 2,187,677; Jan. 16.
Pile structure, Steel. A. W. Bailey. 2,198,985; Apr. 30.
Piles, Method and means for preserving wooden. T. H. Hansen. 2,195,275; Mar. 26.

Piles, Protecting. C. G. Cappel. 2,191,248; Feb. 20.
Piling or stacking device. A. W. Underwood. 2,224,279; Dec. 10.
Pillar construction for automobile bodies. P. O. Krogh. 2,197,644; Apr. 16.
Pillow. K. L. Wade. 2,188,421; Jan. 30.
Pillow, Anesthesia. J. T. Cappel. 2,199,479; May 7.
Pillowcase closure. I. S. De Woskin. 2,217,999; Oct. 15.
Pilot, Adjustable. J. L. Breese. 2,208,746; July 23.
Pilot, Airplane automatic. B. G. Carlson. 2,203,671; June 11.
Pilot, Automatic. B. G. Carlson. 2,195,406; Apr. 2.
Pilot-channel relaying and communication system. E. L. Harder. 2,217,480; Oct. 8.
Pilot device, Automatic. R. Alkan. 2,221,748; Nov. 19.
Pilot for aircraft, Hydraulic automatic. B. G. Carlson. 2,201,226; May 21.
Pilot for dirigible craft, Automatic. T. W. Kenyon and S. J. Zand. 2,210,916; Aug. 13.
Pilot light. C. H. Kehm. 2,196,501; Apr. 9.
Pilot light, Safety. J. T. Huntington. 2,225,743; Dec. 24.
Pilot stem. C. T. Rottler. 2,217,772; Oct. 15.
Piloting apparatus for boats, Automatic. L. A. Dunajeff. 2,216,097; Sept. 24.
Pin: *See*—
Bowling pin.
Bricklayer's line pin.
Clothes pin.
Connecting pin.
Coupling pin.
Dowling pin.
Draw pin.
Drive pin.
Gauge pin.
Hair grip pin.
Hitch pin.
Retaining pin.
Rolling pin.
Safety pin.
Taper pin.
Tool joint pin.
Pin making apparatus, Clay. W. B. Louthan. 2,197,699; Apr. 16.
Pin spot. E. W. and J. A. Achenbach. 2,205,454; June 25.
Pin tumbler lock. J. A. Fremon. 2,194,469; Mar. 26.
Pin-tumbler lock. B. C. Smith. 2,199,165; Apr. 30.
Pine oil with a phenol having unsaturated hydrocarbon side chain, Condensation of. M. T. Harvey. 2,223,550; Dec. 3.
Pinion, Adjustable slip. W. R. Duda. 2,195,398; Apr. 2.
Pinion assembly for use with rolls or the like. W. L. Ditges. 2,186,522; Jan. 9.
Pinking and stitching machine. J. Galkin. 2,197,496; Apr. 16.
Pinking machine. B. B. Chester and O. A. Trnka. 2,190,651; Feb. 20.
Pinking machine. F. S. Glines. 2,195,485; Apr. 2.
Pinking machine. V. J. Sigoda. 2,215,302–3; Sept. 17.
Pipe: *See*—
Cool smoke pipe.
Exhaust pipe.
Insulated pipe.
Liner pipe.
Metal pipe.
Multitube pipe.
Smoker's pipe.
Smoking pipe.
Stoker pipe.
Tobacco pipe.
Tobacco smoking pipe.
Wash pipe.
Pipe. F. De Fazi. 2,218,906; Oct. 22.
Pipe. C. P. Nash, Jr. 2,218,853; Oct. 22.
Pipe. C. S. Nicoud. 2,208,339; July 16.
Pipe and condenser therefor, Smoker's. B. Ross. 2,211,166; Aug. 13.
Pipe and coupling, Irrigation. E. B. Fish. 2,187,119; Jan. 16.
Pipe and filter, Smoker's. C. J. Hohman and A. Riback. 2,208,763; July 23.
Pipe and hose union. J. Berger and R. Kaiser. 2,219,218; Oct. 22.
Pipe and rotatable coupling therefor, Sprinkling. C. A. G. Pritchard. 2,227,105; Dec. 31.
Pipe and the like, Protective coating of metal. H. J. Billings, H. A. Buron, and J. Petty. 2,196,172; Apr. 9.
Pipe and tool joint. R. D. Haas. 2,207,005; July 9.
Pipe apparatus, Concrete. G. Miller. 2,194,028; Mar. 19.
Pipe arrangement and support therefor, Locomotive steam. T. E. Herrick, Jr. 2,226,493; Dec. 24.
Pipe arrangement for articulated locomotives, Steam. L. W. Hance and T. E. Herrick, Jr. 2,223,067; Nov. 26.
Pipe arrangement for locomotives, Steam. L. L. Neebe. 2,205,800; June 25.
Pipe beading apparatus. C. V. Dewar. 2,197,099; Apr. 16.
Pipe bend furnace. J. H. Taylor. 2,206,519; July 2.
Pipe bending apparatus, Muffler tail. B. G. Robbins. 2,219,431; Oct. 29.
Pipe bowl cleaner. E. L. Snyder. 2,214,386; Sept. 10.
Pipe casting apparatus. J. F. Kirby. 2,219,012; Oct. 22.
Pipe, cigar, or cigarette holder, Smoking. R. Brigham. 2,221,439; Nov. 12.
Pipe, cigarette, and cigar holder, Smoking. W. E. Heron. 2,202,288; May 28.
Pipe, cigarette holder, and saliva trap, Combination smoking. J. G. Sciavolino. 2,189,616; Feb. 6.
Pipe clamp. W. J. Fordon. 2,222,289; Nov. 19.
Pipe clamp. P. Lazarides. 2,193,426; Mar. 12.
Pipe clamp. W. N. Meeks. 2,192,478; Mar. 5.
Pipe clamp. W. Wright. 2,219,880; Oct. 29.
Pipe clamp chimney combination. L. E. James. 2,198,535; Apr. 23.
Pipe cleaner. J. S. Wylie. 2,214,982; Sept. 17.
Pipe cleaner. J. L. Younghusband. 2,189,556; Feb. 6.
Pipe cleaner, Interior. A. Haynes. 2,201,680; May 21.
Pipe cleaning element. E. Schaer. 2,188,959; Feb. 6.
Pipe cleaning machine, Waste. J. Price. 2,218,050; Oct. 15.
Pipe coating device. J. D. Cummings. 2,194,268; Mar. 19.
Pipe coating device. M. P. Laurent. 2,193,971; Mar. 19.
Pipe conduits for chemical purposes, Production of. H. Bangert. 2,198,149; Apr. 23.
Pipe connections, Device for making drill. L. J. Hopkins. 2,187,399; Jan. 16.
Pipe connections, Making. R. G. Ferris. 2,192,904; Mar. 12.
Pipe connector, Automatic train. J. Robinson. 2,188,922; Feb. 6.
Pipe construction. R. S. Blair. 2,205,553; June 25.
Pipe coupler. L. Bryan. 2,192,484; Mar. 5.
Pipe coupling. J. Berger. 2,208,286; July 16.
Pipe coupling. C. S. Crickmer. 2,225,208; Dec. 17.
Pipe coupling. J. A. Curtis. 2,197,450; Apr. 16.
Pipe coupling. R. A. Folsom. 2,221,284; Nov. 12.
Pipe coupling. A. Heisterkamp. 2,201,862; May 21.
Pipe coupling. M. Jacobs. 2,219,161–2; Oct. 22.
Pipe coupling. H. Kreidel. 2,211,856; Aug. 20.
Pipe coupling. E. A. Miller. 2,201,372; May 21.
Pipe coupling. J. L. Morris. 2,189,350; Feb. 6.
Pipe coupling. E. J. Shaffer. 2,211,173; Aug. 13.
Pipe coupling and sealing means. S. V. Dillon. 2,226,304; Dec. 24.
Pipe coupling, Irrigating. O. Knoerzer. 2,199,939 May 7.
Pipe coupling, Removable sanitary. C. B. Dalzell. 2,192,962; Mar. 12.
Pipe coupling, seal, and the like. C. E. Ulrich. 2,218,835; Oct. 22.
Pipe coupling tapping machine. A. E. Drissner, W. J. Hogg, K. W. Barkinen, and C. Q. Garey. 2,206,031; July 2.
Pipe covering and forming the same, Air-cell. D. A. Cumfer. 2,224,810; Dec. 10.
Pipe cutter. J. T. Ellis. 2,202,985–6; June 4.
Pipe cutter. J. T. Ellis. 2,215,638; Sept. 24.
Pipe cutter. G. P. and J. T. Ellis. 2,203,011; June 4.
Pipe cutter. P. E. Hord. 2,212,564; Aug. 27.
Pipe cutter, Compensating outside. D. H. Reed. 2,213,049; Aug. 27.
Pipe cutter, Inside. G. A. Lowrey. 2,204,091; June 11.
Pipe cutting tool. J. D. Brack and L. M. York. 2,215,632; Sept. 24.
Pipe cutting tool. L. P. Parker. 2,218,766; Oct. 22.
Pipe extension, Exhaust. G. A. Lyon. 2,186,551; Jan. 9.
Pipe extension, Exhaust. G. A. Lyon. 2,192,922; Mar. 12.
Pipe finder. F. N. Blake. 2,192,765; Mar. 5.
Pipe fitting. V. A. Hoffman. 2,205,197; June 18.
Pipe fitting. C. G. Newton. 2,191,724; Feb. 27.
Pipe fitting. M. A. Sisk. 2,216,460; Oct. 1.
Pipe fitting, Adjustable. O. Muller. 2,224,521; Dec. 10.
Pipe fitting and bowl assembly. V. A. Hoffmann. 2,213,394; Sept. 3.
Pipe fitting cleaner. C. Nunziato. 2,190,216; Feb. 13.
Pipe fittings, Making. E. J. Harbison. 2,192,471; Mar. 5.
Pipe, Flexible metal. R. Sterzenbach. 2,209,239; July 23.
Pipe for fire extinguishing purposes with a widening mouthpiece, Jet. P. Stein. Re. 21,469; May 28.
Pipe for internal combustion engines of aircraft, Exhaust. J. E. Ellor. 2,192,730; Mar. 5.
Pipe-forming machine. F. W. Haversack. 2,219,742; Oct. 29.
Pipe holder. J. R. Jackson. 2,194,073; Mar. 19.
Pipe, Installing subdrain. F. L. Carswell and O. W. Schmidt. 2,186,364; Jan. 9.
Pipe joint. R. E. Evarts. 2,190,419; Feb. 13.
Pipe joint. F. Hinrichs. 2,200,500; May 14.
Pipe joint. J. F. Köhnke. 2,189,070; Feb. 6.
Pipe joint. W. J. Morgan. 2,226,067; Dec. 24.
Pipe joint. J. R. Moser. 2,207,518; July 9.
Pipe joint. A. E. Osborn. 2,219,053; Oct. 22.
Pipe joint. F. C. Scheffauer. 2,188,314; Jan. 30.
Pipe joint. W. W. Trickey. 2,223,434; Dec. 3.
Pipe joint. F. G. Winslow. 2,187,217; Jan. 16.
Pipe joint assembly. T. D. Nathan. 2,209,235; July 23.
Pipe joint clamp. C. C. Bartell. 2,220,986; Nov. 12.
Pipe joint or fitting, Threaded follower. G. E. Szekely. 2,192,565; Mar. 5.
Pipe joints, Device for use in making. W. King. 2,206,405; July 2.
Pipe leak sealing plug. P. D. Merrill. 2,224,918; Dec. 17.
Pipe line coating machine. A. J. Duaei and S. Pavlinek. 2,188,001; Jan. 23.
Pipe line delivery valve, Automatic. C. E. Crawford. 2,216,000; Sept. 24.
Pipe line identification device. J. A. Giovanini and P. J. Wallace. 2,188,710; Jan. 30.
Pipe, Making composite metal. T. B. Chace. 2,199,150; Apr. 30.
Pipe, Making concrete. W. W. Trickey. 2,216,896; Oct. 8.
Pipe, Making concrete. N. D. Whitman. 2,224,419; Dec. 10.
Pipe, Making heat transfer. J. W. Brown, Jr. 2,201,024; May 14.
Pipe, Making spiral. E. H. Taylor. 2,216,606; Oct. 1.

Pipe manufacturing machine, Concrete. A. O'Rahilly. 2,220,975; Nov. 12.
Pipe molding machine, Centrifugal. W. R. Hume. 2,222,889; Nov. 26.
Pipe nipple and coupling applying and removing tool. J. W. Wilder. 2,211,398; Aug. 13.
Pipe or tube. W. T. Mahla. 2,215,930; Sept. 24.
Pipe or tube joint. J. J. Dunn. 2,206,166; July 2.
Pipe or tube welding. J. L. Anderson. 2,197,961; Apr. 23.
Pipe perforating device. C. R. Anderson. 2,216,288; Oct. 1.
Pipe perforating device. F. J. Svoboda. 2,216,302; Oct. 1.
Pipe perforating machine. J. O. Tow. 2,187,550; Jan. 16.
Pipe press. R. Temple, Jr. 2,202,125; May 28.
Pipe, Producing acid-resistant iron. A. B. Miller. 2,214,062; Sept. 10.
Pipe railing fitting, Adjustable. F. S. Reed. 2,212,455; Aug. 20.
Pipe reamer, Smoking. A. R. Coelho. 2,226,114; Dec. 24.
Pipe reamer, Smoking. A. E. Collis. 2,189,543; Feb. 6.
Pipe rotating device. M. Davis, J. E. Lacy, and A. C. Andrews. 2,196,141; Apr. 2.
Pipe sewer rod. A. P. Kjerulff. 2,192,086; Feb. 27.
Pipe spacing mold. J. L. Bateman. 2,212,974; Aug. 27.
Pipe stock. D. A. Alexander. 2,198,693; Apr. 30.
Pipe tapper. G. Marangelo. 2,219,997; Oct. 29.
Pipe thread protector. B. Engstrom. 2,204,130; June 11.
Pipe thread protector. J. Kahn, W. F. Schulz, and C. Schofield. 2,196,454; Apr. 9.
Pipe threading apparatus. C. A. Overguard. 2,225,507; Dec. 17.
Pipe, tubing, and conduit coupling. J. N. Ice. 2,186,974; Jan. 16.
Pipe welding. J. V. Caputo. 2,202,898; June 4.
Pipe welding machine. M. Kosman. 2,208,676; July 23.
Pipe with fragile lining, Screen. C. J. Dean and F. B. Carter. 2,224,630; Dec. 10.
Pipe working machine. R. B. Pealer. 2,224,691; Dec. 10.
Pipe working tool. A. S. Gould, W. M. Emery, and R. E. Hyde. 2,191,692; Feb. 27.
Pipe wrapping machine. H. Kramer. 2,206,670; July 2.
Pipe wrench. R. E. Lilleberg. 2,211,507; Aug. 13.
Pipe wrench. J. W. McNeil. 2,200,093; May 7.
Pipe wrench. J. O. Tow. 2,187,956; Jan. 23.
Pipe wrench. C. E. Wright. 2,192,702; Mar. 5.
Pipes, channels, or the like, Means for the closing or shutting of. J. Daniels. 2,200,416; May 14.
Pipes, Connecting branch and main. J. Le Gorre. 2,225,701; Dec. 24.
Pipes, Insertion for tobacco. C. A. Klingenstierna. 2,200,793; May 14.
Pipes, Making composite. R. W. Mitchell. 2,191,025; Feb. 20.
Pipes of cementitious material, Method and means for producing. J. Ferla. 2,200,267; May 14.
Pipes of fibrocement and like material, Manufacturing. W. A. Porter. 2,193,040; Mar. 12.
Pipes, Supporting tail. R. I. Markey. 2,219,655; Oct. 29.
Pipes to walls, Securing rain water. B. J. F. Bentley. 2,193,758; Mar. 12.
Pipes with cementitious material, Lining of. H. Ridley. 2,185,570; Jan. 2.
Pipette cleaner. A. C. Mahler. 2,222,676; Nov. 26.
Pipette filler. W. B. Warren. 2,218,899; Oct. 22.
Piping for fire extinguishing sprinkler systems. W. Grimshaw. 2,190,944; Feb. 20.
Piping, Imitation pinked. R. M. Sichère. 2,211,707; Aug. 13.
Pirn winding machine, Crossing motion. C. Miesch. 2,194,950; Mar. 26.
Pistol, Air. W. Foss. 2,194,142; Mar. 19.
Pistol, gun, or the like for firing and projecting rockets or projectiles for use in throwing lines. A. J., C. D., and C. Schermuly. 2,208,475; July 16.
Piston. O. C. Berry. 2,221,535; Nov. 12.
Piston. J. S. Bretz. 2,212,148; Aug. 20.
Piston. F. W. Caddy. 2,202,754; May 28.
Piston. W. T. Caldwell. 2,188,106; Jan. 23.
Piston. W. T. Caldwell. 2,211,455; Aug. 13.
Piston. W. T. Caldwell. 2,216,291; Oct. 1.
Piston. R. C. Cross. 2,203,455; June 4.
Piston. H. H. Dillon. 2,190,207; Feb. 13.
Piston. J. Flammang. 2,186,375; Jan. 9.
Piston. J. Flammang, P. L. Bowser, W. M. Venner, and P. L. Bowser, Jr. 2,217,541–2; Oct. 8.
Piston. W. W. Flinchum. 2,199,950; May 7.
Piston. A. Gimm. 2,219,989; Oct. 29.
Piston. R. H. McCarroll. 2,201,405; May 21.
Piston. A. L. Nelson. 2,200,966; May 14.
Piston. J. H. Nicholson. 2,201,739; May 21.
Piston. T. S. Park. 2,216,353; Oct. 1.
Piston. F. C. Reggio. 2,194,097; Mar. 19.
Piston. J. J. Russel. 2,194,247; Mar. 19.
Piston. V. Vostrez. 2,213,775; Sept. 3.
Piston. J. Workman. 2,208,782; July 23.
Piston adjusting tool. F. Koenig. 2,193,458; Mar. 12.
Piston and like packing device. P. W. Thornhill. 2,216,505; Oct. 1.
Piston and making the same. C. H. Wills. 2,198,689; Apr. 30.
Piston and piston ring. D. Knudsen. 2,215,005; Sept. 17.
Piston and ring assembly. P. B. Blocker. 2,187,724; Jan. 23.
Piston and rod, Combination. C. K. Stillwagon. 2,216,577; Oct. 1.
Piston, Assembled engine. F. Elder. 2,221,966; Nov. 19.
Piston, Compact, knockless, cockless pin. W. J. Frederick. 2,193,920; Mar. 19.
Piston construction. A. M. Alexandrescu. 2,200,015; May 7.
Piston construction. W. Wuerfel. 2,204,642; June 18.
Piston drill guide block. R. M. Ulrich. 2,209,433; July 30.
Piston expander. A. W. Detjen. 2,206,810; July 2.
Piston expander. W. C. Knoebel. 2,223,787; Dec. 3.
Piston expander. A. J. Mummert. 2,204,025; June 11.
Piston expander. D. M. Smith. 2,208,529; July 16.
Piston expander. D. M. Smith. 2,210,844; Aug. 6.
Piston expander. D. M. Smith. 2,212,902; Aug. 27.
Piston expander. D. M. Smith. 2,217,625; Oct. 8.
Piston expander. D. M. Smith. 2,223,795; Dec. 3.
Piston expander. D. M. Smith and G. C. Mayfield. 2,212,817; Aug. 27.
Piston expander. J. Sunnen. 2,214,940; Sept. 17.
Piston expander. R. M. Ulrich. 2,209,432; July 30.
Piston expander. W. H. Wheeler. 2,190,963; Feb. 20.
Piston expanding tool. S. F. Oliver. 2,203,175; June 4.
Piston for air compressors and gas engines. E. Eichelberger. 2,208,898; July 23.
Piston for air guns. C. F. Lefever. 2,204,370; June 11.
Piston for air guns. J. J. McHenry. 2,204,372; June 11.
Piston for internal combustion engines. J. H. Taylor. 2,194,102; Mar. 19.
Piston for internal combustion engines and the like. M. O. Teetor. 2,210,310; Aug. 6.
Piston grinding machine. H. A. Silven. 2,213,030; Aug. 27.
Piston groover and facer, Portable. G. W. Berggren. 2,194,686; Mar. 26.
Piston, Heavy duty. A. M. Alexandrescu. 2,195,552; Apr. 2.
Piston, Insulated. O. G. Schrom. 2,214,891; Sept. 17.
Piston, Internal combustion engine. C. W. Dake. 2,202,838; June 4.
Piston, Internal combustion engine. N. E. Girard. 2,201,085; May 14.
Piston, Internal pressure. W. T. Caldwell. 2,211,456; Aug. 13.
Piston locking device. L. Meyer. 2,204,279; June 11.
Piston machine, Rotary. P. Heins. 2,198,817; Apr. 30.
Piston motor compressors, Starting free. H. Jänicke. 2,215,326; Sept. 17.
Piston, Mud pump. E. E. Miller. 2,189,349; Feb. 6.
Piston or plunger for engines, pumps, and the like. C. S. Over. 2,197,942; Apr. 23.
Piston packing cups, Rotating. W. F. Boldt and W. R. Freeman. 2,211,403; Aug. 13.
Piston peening device and the like. T. J. Bruce. 2,212,705; Aug. 27.
Piston ring. R. H. Bancroft. 2,214,651; Sept. 10.
Piston ring. A. Bergeron. 2,190,204; Feb. 13.
Piston ring. A. H. Chamberlain. 2,226,921; Dec. 31.
Piston ring. C. F. Johnston. 2,203,154; June 4.
Piston ring. W. H. Longabaugh. 2,191,023; Feb. 20.
Piston ring. E. G. Malpas. 2,187,979; Jan. 23.
Piston ring. W. S. Mason. 2,202,802; May 28.
Piston ring. W. S. Mason. 2,209,925; July 30.
Piston ring. T. E. McFall. 2,220,344; Nov. 5.
Piston ring. R. W. Paton. 2,213,452; Sept. 3.
Piston ring. R. W. Paton. 2,220,947–8; Nov. 12.
Piston ring. H. P. Phillips. 2,197,983; Apr. 23.
Piston ring. D. D. Wallace. 2,222,922; Nov. 26.
Piston ring and making same. A. T. Colwell. 2,202,899; June 4.
Piston ring assembly. H. P. Phillips, H. L. Heacock, and H. Larsen. 2,212,042; Aug. 20.
Piston ring compressor. L. B. Miller. 2,208,136; July 16.
Piston ring expander. F. H. Giben. Re. 21,557; Sept. 10.
Piston ring forming apparatus. E. R. Week, Jr. 2,200,609; May 14.
Piston ring grinding machine. R. W. Young. 2,209,711; July 30.
Piston ring retainer. A. J. Meyer. 2,192,926; Mar. 12.
Piston ring, Sheet metal. T. A. Bowers. 2,224,338; Dec. 10.
Piston rings, Apparatus for making. R. S. Newton. 2,185,382; Jan. 2.
Piston rings, especially of light metal pistons for internal combustion engines, Production of. Schüttler, P. 2,219,095; Oct. 22.
Piston rings, Making. R. H. Bancroft. 2,214,650; Sept. 10.
Piston rod assembly. W. H. J. and R. P. Fitzgerald. 2,211,717; Aug. 13.
Piston rod bearing. J. S. Donaldson. 2,212,366; Aug. 20.

Piston rod, piston, and cylinder assemblies, Facilitating alignment or centering of. E. C. Read. 2,193,983; Mar. 19.
Piston rod testing apparatus. T. V. Buckwalter. 2,188,853; Jan. 30.
Piston sealing device. D. M. Solenberger. 2,203,208; June 4.
Piston skirt expander. E. L. Bauer. 2,218,737; Oct. 22.
Piston, Slush pump. D. C. Sharp and R. M. Garrison. 2,189,839; Feb. 13.
Piston stabilizer. D. J. Wherry. 2,219,798; Oct. 29.
Piston, Trunk. E. L. Kastler. 2,198,623; Apr. 30.
Piston, Welded two-piece light alloy. R. M. Hazen and T. S. McCrae, Jr. 2,198,771; Apr. 30.
Pistons, Expanding. A. Wiebke. 2,194,778; Mar. 26.
Pistons, Expanding. A. Wiebke. 2,199,474; May 7.
Pistons, Grinding. A. L. Nelson. 2,197,940; Apr. 23.
Pit apparatus, Drop. F. Fones. 2,191,710; Feb. 27.
Pit furnace. J. H. Germany. 2,215,322; Sept. 17.
Pit furnace, Regenerative soaking. W. A. Morton and H. F. Spencer. 2,196,321; Apr. 9.
Pitprops or pillars, Pulling down. W. Wiebecke, F. W. Moll, and W. Hardieck. 2,190,556; Feb. 13.
Pitch, Coking. A. P. Meyer. 2,200,717; May 14.
Pitch determining apparatus. O. L. Railsback. 2,221,523; Nov. 12.
Pitch propeller, Fluid pressure operated variable. R. J. Ruths and H. L. Dodson. 2,188,313; Jan. 30.
Pitch propeller, Hydraulic operated variable. R. J. Ruths. 2,210,009; Aug. 6.
Pitch propeller, Variable. R. J. Ruths and H. L. Dodson. 2,187,754; Jan. 23.
Pitch raising device. W. T. Weedin. 2,226,085; Dec. 24.
Pitch regulator for musical instruments. P. R. Gruber. 2,214,553; Sept. 10.
Pitcher. R. F. Daniel. 2,186,166; Jan. 9.
Pitchfork, Mechanical. A. W. Hamon. 2,201,088; May 14.
Pitching shoe. G. A. Altendorf. 2,219,972; Oct. 29.
Pitman. W. R. Gillette. 2,217,742; Oct. 15.
Pitman arm. E. S. MacPherson. 2,198,780; Apr. 30.
Pitter, Depth gauging peach. A. R. Thompson and R. Fox. 2,187,063; Jan. 16.
Pitter, Fruit. G. W. Ashlock, Jr. 2,209,305; July 30.
Pitter, Fruit. C. J. Kinnison and M. Lothrop. 2,214,168; Sept. 10.
Pitter, Peach. J. Perrelli and R. H. Smilie. 2,186,467; Jan. 9.
Pitter, Variable. S. R. Thornton. 2,196,617; Apr. 9.
Pitting machine, Automatic. E. P. Drake. 2,205,397; June 25.
Pivot for watt-hour disks and the like. S. S. Green. 2,203,411; June 4.
Placard holding means for railway freight cars, Metallic. W. A. Beauchamp. 2,210,649; Aug. 6.
Placer concentrator. C. N. Addis. 2,208,092; July 16.
Plain knit ornamented fabric. J. L. Getaz. 2,201,557; May 21.
Plait-knitted fabric. W. Artzt and E. Lesavoy. 2,201,980; May 28.
Plaited unit. E. L. Benedict. 2,227,385; Dec. 31.
Plaiter-down folding attachment and laying the cloth. A. E. Yates. 2,218,062; Oct. 15.
Plaiter, Ruffle. R. P. and G. C. Montgomery. 2,217,376; Oct. 8.
Plaiting machine. H. M. Sutherland. 2,225,466; Dec. 17.
Plane, Airplane supporting. J. Ksoll. 2,222,435; Nov. 19.
Plane construction. J. F. O'Bryne. 2,191,679; Feb. 27.
Plane iron. A. P. Schoeffler. 2,213,095; Aug. 27.
Plane, Woodworking. L. Francis. 2,198,530; Apr. 23.
Planer. A. Trosch. 2,202,767; May 28.
Planer and the like. J. M. Walter. 2,204,874; June 18.
Planer, Road. H. E. Boerman. 2,213,300; Sept. 3.
Planer, Trolling. W. T. Thorne. 2,220,302; Nov. 5.
Planetarium. J. Wahlberg. 2,226,032; Dec. 24.
Planetary stranding machine. C. F. Van Hook. 2,208,914; July 23.
Planetary transmission mechanism. C. M. Eason. 2,200,597; May 14.
Planking clamp. P. H. Fluhr. 2,221,397; Nov. 12.
Planographic printing plate. C. B. Aller. 2,214,950; Sept. 17.
Planographic printing plate, Aluminum. D. Rubinstein. 2,208,703; July 23.
Planographic printing press. W. B. Wescott. 2,205,998; June 25.
Planography, Uninegative multicolor. G. R. Lukesh and J. G. Goedike. 2,200,286; May 14.
Plant box. C. Ellis. 2,188,875; Jan. 30.
Plant comprising pressure medium generators working in parallel. J. E. Johansson. 2,201,683; May 21.
Plant comprising two or more pressure medium generators. J. E. Johansson. 2,201,682; May 21.
Plant cuttings, Stimulation of growth from. N. H. Grace. 2,204,214; June 11.
Plant for aircraft, Auxiliary service. H. C. A. Potez. 2,223,703; Dec. 3.
Plant for freezing and storing fish on ships. J. Reeh. 2,196,643; Apr. 9.
Plant growth by the treatment of seeds, Stimulation of. N. H. Grace. 2,204,213; June 11.
Plant growth, Promoting. N. L. Jacobus. 2,219,870; Oct. 29.
Plant growth, Promoting. C. E. Johnson. 2,215,878; Sept. 24.
Plant labeling device. G. W. Patten. 2,186,428; Jan. 9.
Plant pest control composition. H. Mengele and H. Huber. 2,209,129; July 23.
Plant protector. I. R. Goldberg. 2,226,812; Dec. 31.
Plant setter. C. M. Caulk. 2,195,765; Apr. 2.
Plant spray compound. H. J. Reynolds. 2,212,701; Aug. 27.
Plant spraying apparatus. J. R. Henderson. 2,227,222; Dec. 31.
Plant stimulant. G. R. Rinke. 2,213,260; Sept. 3.
Plant thinning machine. A. Schumacher. 2,202,433; May 28.
Plant wastes, Utilization of. A. M. Thomsen. 2,222,885; Nov. 26.
Planter. W. V. Cousins. 2,216,720; Oct. 8.
Planter. A. Groce. 2,201,556; May 21.
Planter. G. M. Kriegbaum. 2,192,977; Mar. 12.
Planter. A. E. Simonson. 2,188,235; Jan. 23.
Planter. W. G. Stevens, Jr. 2,199,422; May 7.
Planter. M. H. Tuft and R. D. Griff. 2,210,990; Aug. 13.
Planter. C. H. White. 2,192,947–8; Mar. 12.
Planter and cultivator, Seed. G. Wetmore and F. Roll. 2,213,600; Sept. 3.
Planter and fertilizer dropper, Combined. E. W. Milliman. 2,217,071; Oct. 8.
Planter attachment. C. H. Ihde. 2,224,051; Dec. 3.
Planter attachment, Checkrow corn. R. A. Shellabarger. 2,219,638; Oct. 29.
Planter attachment for tractors. J. L. Hipple. 2,217,866; Oct. 15.
Planter box. W. B. Bennett. 2,203,771; June 11.
Planter, Cotton. G. Martel. 2,187,861; Jan. 23.
Planter, Potato. C. F. Schmidt. Re. 21,537; Aug. 20.
Planter, Seed. E. Bower. 2,204,245; June 11.
Planter, Seed. P. H. Lynch, Sr. 2,195,703; Apr. 2.
Planting. F. H. Bateman. 2,222,015; Nov. 19.
Planting machine. B. Poll. 2,216,923; Oct. 8.
Plants, Influencing the growth of. J. Sellei. 2,190,890; Feb. 20.
Plants, Method and solution for preventing freezing of. O. P. Greenstreet and T. C. Hall. 2,185,663; Jan. 2.
Plants, Method of and compositions for influencing the growth of. A. G. Green. 2,222,225; Nov. 19.
Plants, Treating. L. E. Pitner. 2,221,434; Nov. 12.
Plaster. P. S. Denning. 2,197,566; Apr. 16.
Plasterboard. J. Dean. 2,201,102; May 14.
Plaster grounds, Making. W. S. Edge. 2,191,647; Feb. 27.
Plaster lath clip. J. E. Morgan. 2,216,019; Sept. 24.
Plaster retaining structure. R. Phillips. 2,194,055; Mar. 19.
Plaster retarder. C. K. Roos and H. N. Huntzicker. 2,208,565; July 23.
Plaster, Set-stabilized calcined gypsum. G. D. King and M. C. Dailey. 216,555; Oct. 1.
Plaster, Stabilized gypsum. G. L. Hann. 2,212,811; Aug. 27.
Plasterer's implement. C. J. Jacobsen and H. Battistone. 2,217,369; Oct. 8.
Plastering gauge. A. Landau. 2,199,318; Apr. 30.
Plastering machine. I. W. McCallum. 2,198,271; Apr. 23.
Plastering system. M. M. Cory. 2,187,223-4; Jan. 16.
Plastic and coating composition. L. P. Moore. 2,218,474; Plastic and material therefor, Reinforced. V. Lougheed. 2,202,013; May 28.
Plastic and process of making, Polysulphide. J. C. Patrick. 2,195,380; Mar. 26.
Plastic and producing same. F. J. Heckel. 2,221,378; Nov. 12.
Plastic and producing same. R. C. Hills and M. N. Barnett. 2,195,248; Mar. 26.
Plastic article, Hardenable. M. J. MacDonald, and C., F. C., and C. S. Schwendler. 2,218,047; Oct. 15.
Plastic casting device. N. Lester. 2,206,098; July 2.
Plastic chlorinated vegetable fibrous materials. E. C. Sherrard, E. Beginger, J. P. Hohf, and E. Bateman. 2,212,866; Aug. 27.
Plastic composition. A. J. P. Care. 2,188,199; Jan. 23.
Plastic composition. R. P. Courtney. 2,207,997; July 16.
Plastic composition. D. A. Fletcher. 2,217,163; Oct. 8.
Plastic composition. H. F. Robertson. 2,222,490; Nov. 19.
Plastic composition. R. Rosen. 2,201,871; May 21.
Plastic composition. P. J. Wiezevich and W. J. Sparks. 2,215,601; Sept. 24.
Plastic composition and molding the same. W. H. Wedger. 2,194,579; Mar. 26.
Plastic composition for lining pressure vessels. G. L. Adams, C. W. Starkey and P. Woolley. 2,209,722; July 30.
Plastic composition for use in interlayer sheets. B. M. Marks. 2,202,160; May 28.
Plastic compositions. R. Rosen. 2,205,108; June 18.
Plastic for laminated safety glass. J. D. Ryan. 2,205,020; June 18.
Plastic forming apparatus. W. J. Baird. 2,218,804; Oct. 22.

Plastic masses from nitrocellulose. W. Reppe, F. Hoelscher, A. Menger, and E. Bock. 2,211,436; Aug. 13.
Plastic material. J. Rivkin. 2,204,772; June 18.
Plastic material. J. Söll. 2,187,185; Jan. 16.
Plastic material and articles, and apparatus therefor, Curing. H. C. Lord. 2,187,165; Jan. 16.
Plastic material and producing the same, Metal coated. B. F. Walker. 2,214,646; Sept. 10.
Plastic-material cutting machine. C. and H. H. Doering, E. W. Anderson, and B. Skoglund. 2,201,391; May 21.
Plastic material, Embossing sheet. D. F. Winnek. 2,218,227; Oct. 15.
Plastic material in the manufacture of pottery, Automatically feeding and forming. W. J. Miller. Re. 21,672; Dec. 24.
Plastic materials, Cold molding. F. J. Moore. 2,190,605; Feb. 13.
Plastic materials from unsaturated hydrocarbon oils and sulphur, Synthesis of. H. B. Kipper. 2,227,311; Dec. 31.
Plastic materials, Working of solidified. B. De H. Miller. 2,206,419; July 2.
Plastic, Methylene polysulphide. J. C. Patrick. 2,206,641; July 2.
Plastic objects of contrasting colors, Manufacturing. V. Fischett. 2,193,586; Mar. 12.
Plastic parts, Jointing, connecting, and assembling hardened. G. A. Tinnerman. 2,193,306; Mar. 12.
Plastic process for making printing plates. J. W. and D. J. Kelly. 2,227,139; Dec. 31.
Plastic sheet stock, Forming. L. M. Currie and L. K. Merrill. 2,196,577; Apr. 9.
Plastic structure and making same, Reinforced. V. Lougheed. 2,197,132; Apr. 16.
Plasticizer. C. H. Alexander. 2,193,614; Mar. 12.
Plasticizers, Purifying of crude. M. J. Reid. 2,217,706; Oct. 15.
Plastics to flexible bases, Bonding olefin poly sulphide. E. Eger. 2,197,127; Apr. 16.
Plate and manufacturing same, Defrosting glass. A. M. Ducret and J. R. Rideau. 2,222,742; Nov. 26.
Plate and printing form registering machines, Color. E. B. Beccard. 2,223,505; Dec. 3.
Plate assembly, Surface. A. B. Reich. 2,201,454; May 21.
Plate attaching device. H. A. Taylor. 2,203,397; June 4.
Plate clamp. A. M. Zuckerman. 2,214,983; Sept. 17.
Plate, Clutch driven. G. Hunt. 2,222,507; Nov. 19.
Plate construction for clocks, Laminated. W. L. Hansen and I. N. Hurst. 2,219,388; Oct. 29.
Plate construction, Striker. W. C. Devereaux. 2,192,398; Mar. 5.
Plate cooling method and apparatus. F. T. Powers. 2,221,998; Nov. 19.
Plate, Corner reinforcing. H. Derman. 2,221,283; Nov. 12.
Plate, Cushioned wear. T. F. Dwyer, Jr. 2,206,690; July 2.
Plate element and forming same, Dry. F. Brunke. 2,223,203; Nov. 26.
Plate finishing machine. J. A. Isbell. 2,216,741; Oct. 8.
Plate finishing machine. C. J. Strang. 2,213,110; Aug. 27.
Plate-finishing machine, Full automatic. H. C. Behrens. 2,187,444; Jan. 16.
Plate for battery looms, Back box. A. E. Burgess. 2,225,609; Dec. 24.
Plate for card slotting punches, Master. R. Connor. 2,225,297; Dec. 17.
Plate for jaw crushers. O. C. Gruender. 2,222,768; Nov. 26.
Plate for joint structures, Molding. V. V. Malcolm. 2,223,083; Nov. 26.
Plate for key punches, Master. L. L. McCart. 2,225,314; Dec. 17.
Plate for metal working machines, Sliding adapter. G. Swahnberg. 2,219,717; Oct. 29.
Plate for tape dispensing machines, Presser. L. W. Goldstein. 2,209,266; July 23.
Plate, Gasketed. W. Astle. 2,203,123; June 4.
Plate having detachable index card holder, Address printing. F. V. Moore. 2,208,681; July 23.
Plate heat exchanger. W. Astle. 2,221,937; Nov. 19.
Plate holder, Photographic. S. S. Levin. 2,203,912; June 11.
Plate lifter. E. R. Miller. 2,200,800; May 14.
Plate lock, Automobile license. W. F. A. Buehner. 2,201,519; May 21.
Plate, Making trimetallic. H. J. Kerr. 2,219,957; Oct. 29.
Plate, Multicolor printing. F. Weiss. 2,220,745; Nov. 5.
Plate, Printing and reproduction. M. F. Beck. 2,217,039; Oct. 8.
Plate rectifier and producing same, Dry. F. Brunke. 2,189,576; Feb. 6.
Plate registering and trimming machine. I. Tornberg. 2,187,106; Jan. 16.
Plate registering machine. H. A. Wood. 2,204,523; June 11.
Plate shaving machine. W. J. Lofstedt. 2,200,628; May 14.
Plate sorting apparatus, Tin. A. L. Kronquest. 2,195,176; Mar. 26.
Plate, Spreader. C. F. Coates. 2,200,835; May 14.
Plate spring. T. R. Weber. 2,192,390–1; Mar. 5.
Plate, Strap fitting. F. R. Cutler and C. R. Peters. 2,191,105; Feb. 20.
Plate, Tilting diffusing. R. G. Ferris. 2,212,468; Aug. 20.
Plate with channels, Screening. L. B. Schibbye. 2,185,955; Jan. 2.
Plated sheets, etc., Production of. P. Ostendorf. 2,199,321; Apr. 30.
Platen and manufacturing the same. B. L. Smith. 2,203,752; June 11.
Platen printing machine. L. Gerard. 2,200,920; May 14.
Platen, Printing. J. Christie and D. A. Young, Jr. 2,226,157; Dec. 24.
Platen printing press. L. R. Johnson. 2,185,440; Jan. 2.
Platen roll shaft for a typewriting machine. J. E. Schaefer. 2,225,526; Dec. 17.
Plates and apparatus therefor, Handling magnetizable. C. R. Coburn. 2,204,207; June 11.
Plates for penknives and the like, Manufacturing ornamental face. M. S. Share. 2,212,131; Aug. 20.
Plates for printing in lithographic manner, Production of. W. H. Wood. 2,199,865; May 7.
Plates, Forming. W. J. Tangerman. 2,199,377; Apr. 30.
Plates, Forming liner. P. M. Payne. 2,216,784; Oct. 8.
Plates, Forming tie. W. H. Bailey. 2,198,986; Apr. 30.
Plates, Manufacture of electrotype printing. H. M. Blaetz. 2,220,671; Nov. 5.
Plates, Preparing planographic. H. L. Loeffler. 2,220,252; Nov. 5.
Plating device for wrap yarns. I. W. Grothey. 2,225,829; Dec. 24.
Plating, Wear-resistant. G. Sembdner. 2,190,125; Feb. 13.
Platform, Fluid operated driving. J. G. Stephenson. 2,212,460; Aug. 20.
Platform for servicing airplane engines, Folding. W. S. Diehl. 2,188,388; Jan. 30.
Platform, Lifting. K. Klemm. 2,204,365; June 11.
Platform, Stabilizing. F. D. W. Searing. 2,195,428; Apr. 2.
Platinum alloy for contacting molten glass. M. B. Vilensky. 2,188,636; Jan. 30.
Play and exercise apparatus. C. C. Overholt. 2,222,119; Nov. 19.
Play equipment. M. Shapiro. 2,206,581; July 2.
Play yard. W. W. Hurlin. 2,217,223; Oct. 8.
Play yard, Infant's. E. E. Merrett and W. J. Koch. 2,224,310; Dec. 10.
Plaw, Vehicle traction. M. K. Jessup. 2,223,993; Dec. 3.
Playing apparatus. P. J. Plouvier. 2,200,190; May 7.
Pleating machine. W. P. Osgood. 2,199,808; May 7.
Pleural diagnosis and treatment. J. L. Bloomheart. 2,206,687; July 2.
Pliers. E. M. Torbert. 2,212,801; Aug. 27.
Pliers, Electric welding. W. J. Gladitz. 2,213,136; Aug. 27.
Pliers, Soldering. I. M. Berolsky. 2,226,194; Dec. 24.
Plotting device. A. Y. Nomura. 2,191,396; Feb. 20.
Plow. J. Blue, Jr. 2,201,846; May 21.
Plow. T. A. Boor. 2,210,792; Aug. 6.
Plow. S. Kaltoft. 2,187,380; Jan. 16.
Plow. G. W. Lee. 2,226,665; Dec. 31.
Plow. J. M. Markel. 2,188,413; Jan. 30.
Plow. J. Morkoski. 2,209,031; July 23.
Plow. N. R. and C. R. Post. 2,195,631; Apr. 2.
Plow. C. G. Strandlund. 2,191,929; Feb. 27.
Plow. W. E. Wentworth. 2,195,948; Apr. 2.
Plow, Adjustable. I. F. Davidson. 2,190,056; Feb. 13.
Plow and harrow, Combined. S. H. Kennedy. 2,218,885; Oct. 22.
Plow and trimmer, Lawn edging. J. P. Black. 2,209,946; Aug. 6.
Plow attachment for tractors. W. B. A. Cooper. 2,218,948; Oct. 22.
Plow bottom. B. R. Benjamin. 2,217,888; Oct. 15.
Plow device for tractors. A. W. D. Beyer. 2,225,253; Dec. 17.
Plow, Disk. C. G. Strandlund. 2,202,931; June 4.
Plow disk mounting. A. G. Harris. 2,204,490; June 11.
Plow, Forecarriage. G. R. Ego. 2,206,947; July 9.
Plow hitch control. H. E. Covert. 2,205,619; June 25.
Plow, Irrigation. J. G. Grohs. 2,224,047; Dec. 3.
Plow lift. W. E. Humbert. 2,221,935; Nov. 19.
Plow, Lister. C. J. Ray. 2,185,520; Jan. 2.
Plow point. J. M. Bittner. 2,212,147; Aug. 20.
Plow, Reversible. J. C. Prugen. 2,227,366; Dec. 31.
Plow, Reversible disk. B. O. Leach. 2,202,348; May 28.
Plow, Rock. C. A. Cox. 2,187,302; Jan. 16.
Plow, Rotary multiple. J. J. Riznyk. 2,226,289; Dec. 24.
Plow, Snow. R. Jenkins. 2,197,307; Apr. 16.
Plow stock. G. L. Jones. 2,186,416; Jan. 9.
Plow, Tractor. J. Gaiser. 2,198,869; Apr. 30.
Plow, Two way. E. Glorfield. 2,204,487; June 11.
Plows, Attachment for. J. W. Martin. 2,216,085; Sept. 24.
Plucking operations, Carrying out. A. G. Budd and H. Barton. 2,220,811; Nov. 5.
Plug: *See*—
Attachment plug.
Aviation spark plug.
Blowout plug.
Bridge plug.
Bridging plug.
Cementing plug.
Connection plug.
Connector plug.
Contact plug.

Plug: *See*—
Cord plug.
Cord reel and outlet plug.
Core plug.
Electric cord plug.
Electric plug.
Electrical plug.
Extension cord plug.
Female contact plug.
Fishing plug.
Float plug.
Glow plug.
Hatch plug.
Heating plug.
Magnetic plug.
Meter testing plug.
Metering plug.
Pipe leak sealing plug.
Scupper plug.
Self-locking plug.
Spark plug.
Sparking plug.
Test plug.
Wall or like plug.
Wall plug.
Well pipe plug.
Well plug.

Plug and receptacle, Electric cord. D. C. Blackmon. 2,207,477; July 9.
Plug and receptacle therefor, Electric iron. J. P. Walpole. 2,188,617; Jan. 30.
Plug and socket, Electric. H. E. Robinett. 2,212,075; Aug. 20.
Plug and socket for coaxial lines. F. Bertold. 2,226,690; Dec. 31.
Plug assembly apparatus, Connector. W. P. Herman. 2,198,966; Apr. 30.
Plug cap. G. B. Benander. 2,196,052; Apr. 2.
Plug cap. E. E. Folsom. 2,192,737; Mar. 5.
Plug cap, Attachment. N. Chirelstein. 2,186,751; Jan. 9.
Plug connector. F. J. Dekay. 2,199,782; May 7.
Plug connector. G. W. Potter. 2,189,251; Feb. 6.
Plug connector construction. A. S. Knapp. 2,214,024; Sept. 10.
Plug connector, Electrical appliance. G. J. Meuer. 2,219,326; Oct. 29.
Plug coupler for electrical connections, Detachable. O. S. Field. 2,217,219; Oct. 8.
Plug for cementing wells, Lower. Z. A. Dyer. 2,192,400; Mar. 5.
Plug for electric irons and the like. O. C. Ritz-Woller. 2,222,880; Nov. 26.
Plug for internal combustion engines, Glow. E. White. 2,198,850; Apr. 30.
Plug for storage batteries, Specific gravity marker. G. H. B. West. 2,197,356; Apr. 16.
Plug for wells and the like. W. A. and T. M. Norman. 2,197,222; Apr. 16.
Plug locking means, Dust guard. W. H. Sale. 2,195,602; Apr. 2.
Plug receptacle. G. B. Benander. 2,222,701; Nov. 26.
Plug top closing member for filter presses. R. M. Thompson. 2,202,239; May 28.
Plug valve. D. R. McNeal. 2,215,853; Sept. 24.
Plugs, Casting electric blasting cap. L. R. V. Clark. 2,215,066; Sept. 17.
Plugs in extraction units, Method and mechanism for continuously forming liquid-impervious. M. Bonotto. 2,203,666; June 11.
Plugs, Making ingot mold. A. C. Estep. 2,221,130; Nov. 12.
Plugs, Making pipe. A. E. Drissner. 2,213,040; Aug. 27.
Plumb bob adjusting and counterbalance device. G. A. Duren. 2,206,530; July 2.
Plumbing fixture. A. C. Recker. 2,210,178; Aug. 6.
Plumbing fixture. J. W. Shook. 2,196,783; Apr. 9.
Plunger and tube, Centrifugally cast. W. F. Hirsch and F. B. Bayless. 2,207,150; July 9.
Plunger, Automatic safety. S. L. Belknap. 2,209,067; July 23.
Plunger pump. E. J. Svenson. 2,215,488; Sept. 24.
Plunger, Safety pump. H. E. Brandt. 2,186,623; Jan. 9.
Plural compartment container. B. F. Conner. 2,217,644; Oct. 8.
Plywood, Bending. W. M. Hauser. 2,214,673; Sept. 10.
Plywood construction, Flexible. D. J. Franklin. 2,220,898; Nov. 12.
Plywood for road material, Rubber coated. C. U. Gramelspacher. 2,199,700; May 7.
Plywood, Manufacturing. C. N. Cone. 2,191,070; Feb. 20.
Pneumatic action for typewriters and other multiple key devices. G. W. Carlson. 2,198,860; Apr. 30.
Pneumatic apparatus. V. Voorhees. 2,194,341; Mar. 19.
Pneumatic control system. J. M. Larson. 2,196,927; Apr. 9.
Pneumatic conveying apparatus. M. Vogel-Jorgensen. 2,221,741; Nov. 12.
Pneumatic detector switch. O. K. Normann. 2,211,477; Aug. 13.
Pneumatic device. W. B. Ellwood. 2,187,114; Jan. 16.
Pneumatic displacement pump. J. O. McMillan. 2,208,193; July 16.
Pneumatic material, Composite. C. V. McGuire. 2,189,813; Feb. 13.
Pneumatic means for expelling formed articles from the machine. J. B. Cochenour. 2,214,362; Sept. 10.
Pneumatic pump. L. E. Russell and G. E. Peters. 2,200,012; May 7.
Pneumatic seat. H. H. Kuhlman. 2,216,818; Oct. 8.
Pneumatic separator. G. W. Hammack. 2,203,959; June 11.
Pneumatic spring. J. W. Kuhn. 2,192,355; Mar. 5.
Pneumatic steering gear. G. R. Maloney and G. R. Pearre. 2,195,932; Apr. 2.
Pneumatic structure, Collapsible. H. S. Dixon. 2,191,374; Feb. 20.
Pneumatic system. W. L. McGrath. 2,213,446; Sept. 3.
Pneumatic tire tube. E. A. Smith. 2,206,621; July 2.
Pneumatic tire valve. W. F. Goff. 2,194,850; Mar. 26.
p-Nitrobenzene sulphonamido tetrazoles. P. S. Winnek. 2,209,243; July 23.
Pocket. T. S. Tworoger. 2,211,550; Aug. 13.
Pocket. T. S. Tworoger. 2,224,752; Dec. 10.
Pocket and package, Cigarette. F. Hausdorff. 2,211,420; Aug. 13.
Pocket case. J. Campbell. 2,194,067; Mar. 19.
Pocket, Concealed slide-lock. M. Kopf. 2,224,734; Dec. 10.
Pocket construction for trousers. M. Falkovitz. 2,209,718; July 30.
Pocket for pool tables. J. H. McCool. 2,196,836; Apr. 9.
Pocket, Garment. M. Falkovitz. 2,209,197; July 23.
Pocketknife. F. H. Greve. 2,199,430; May 7.
Pocketknife. G. Schrade. 2,188,762; Jan. 30.
Pocketknife. M. Share and W. D. Wallace. 2,197,136; Apr. 16.
Pocket, Panel. J. Visser. Re. 21,441; Apr. 30.
Pocket projector. C. A. Moore. 2,221,648; Nov. 12.
Pocket receptacle, Flexible. W. R. Buxton. 2,219,807; Oct. 29.
Pocket, seal press. C. Priesmeyer. 2,203,644; June 4.
Pocket structure. J. W. Yagodnik. 2,218,228; Oct. 15.
Pockets, Making. B. J. Goldsmith. 2,208,256; July 16.
Point forming device for the leads of pencils and the like. G. Baier and G. Köppel. 2,188,130; Jan. 23.
Poison for combating insects. W. E. Ripper. 2,206,975; July 9.
Poker chip holder. S. J. Stanton. 2,196,818; Apr. 9.
Polarizer. H. Küppenbender. 2,190,718; Feb. 20.
Polarizing device. A. M. Marks. 2,220,111; Nov. 5.
Pole, Adjustable clothes. H. C. Hansen. 2,192,038; Feb. 27.
Pole, Clothesline. A. Koehler. 2,215,759; Sept. 24.
Pole, Insulating. U. C. Dunaway. 2,194,386; Mar. 19.
Pole mounting. M. C. Stringer. 2,199,897; May 7.
Polish. M. J. Seuberling. 2,193,241; Mar. 12.
Polish meter. M. L. Devol. 2,215,211; Sept. 17.
Polish, Silver. D. F. Brown and H. C. De Hoff. 2,205,115; June 18.
Polisher. A. M. Hutchinson. 2,203,728; June 11.
Polisher, Cylinder. H. A. Hingle. 2,212,159; Aug. 20.
Polishing and abrading machine, Pneumatic. E. Ahlskog. 2,214,189; Sept. 10.
Polishing and buffing machine. G. A. Carlson. 2,203,488; June 4.
Polishing apparatus. E. L. Coddington. 2,200,592; May 14.
Polishing composition. F. A. Weihe, Jr. 2,214,263; Sept. 10.
Polishing composition, Liquid. E. W. Keller. 2,196,992; Apr. 16.
Polishing machine. A. O. Andersen. 2,194,780; Mar. 26.
Polishing machine. A. L. Burrows and A. E. Henricson. 2,200,537; May 14.
Polishing machine. H. W. Dunbar and H. S. Indge. 2,196,108; Apr. 2.
Polishing machine. D. E. Mulholland. 2,187,462-3; Jan. 16.
Polishing means. G. T. Gaebel. 2,208,793; July 23.
Polishing pad. L. N. Pyle. 2,196,079; Apr. 2.
Polishing plastics, Process and Compound for. J. Lupo, Jr. Re. 21,432; Apr. 23.
Polishing roll. F. F. Billings. 2,212,060; Aug. 20.
Polishing wheel. P. C. Monjar. 2,207,439; July 9.
Polyamides. W. H. Carothers. 2,191,556; Feb. 27.
Polyamides. D. D. Coffman. 2,193,529; Mar. 12.
Polyamides, Preparation of. W. A. Lazier. 2,223,304; Nov. 26.
Polyamides, Synthetic linear. W. H. Carothers. 2,190,770; Feb. 20.
Polyazo compound and material colored therewith. J. G. McNally and J. B. Dickey. 2,216,446; Oct. 1.
Polyazo compounds and material colored therewith. J. B. Dickey and J. G. McNally. 2,218,231; Oct. 15.
Polychlorophenol salts, Tableted. K. R. Fox and I. Hatfield. 2,188,944; Feb. 6.
Polycyclic condensation products and intermediate products thereof. G. Haberland. 2,193,674; Mar. 12.
Polyketones, Manufacture of polynuclear unsaturated cyclic. L. Ruzicka and A. Wettstein. 2,194,235; Mar. 19.
Polymer and making the same, Rubberlike. V. E. Wellman. 2,196,714; Apr. 9.
Polymer of dihydronaphthalene, Sulphurized. W. H. Kobbe. 2,189,468; Feb. 6.
Polymer, Synthetic. E. W. Spanagel. 2,214,442; Sept. 10.
Polymeric dimethallyl maleate. H. S. Rothrock. 2,221,663; Nov. 12.
Polymeric material. W. H. Carothers. 2,201,884; May 21.
Polymeric materials. W. H. Carothers. 2,216,835; Oct. 8.
Polymeric materials. J. K. Owens and A. G. Scroggie. 2,201,741; May 21.
Polymeric materials, Dispersion of synthetic. J. E. Kirby. 2,192,318; Mar. 5.
Polymeric product of aromatic hydrocarbons substituted by the CH_2—CH— radical. L. Rosenthal and H. Meis. 2,224,837; Dec. 10.
Polymerizable substances, Process and catalyst for treating. M. M. Holm and W. H. Shiffler. 2,186,022; Jan. 9.

Polymerization. J. Hyman. 2,197,861; Apr. 23.
Polymerization, Accelerating. W. Bauer and E. Trommsdorff. 2,209,246; July 23.
Polymerization and condensation process catalyzed by means of dihydroxyfluoboric acid and dihydroxyfluoboric acid-boron fluoride addition compounds. J. A. Nieuwland and F. J. Sowa. 2,192,015; Feb. 27.
Polymerization of vinyl-methyl-ketone, Preventing undesired. H. Lange and O. Horn. 2,210,838; Aug. 6.
Polymerization product. W. Bock. 2,194,416; Mar. 19.
Polymerization product and producing the same. F. E. Frey, R. D. Snow, and L. H. Fitch, Jr. 2,192,467; Mar. 5.
Polymerization product and producing the same. F. E. Frey, R. D. Snow, and L. H. Fitch, Jr. 2,225,266; Dec. 17.
Polymerization product of sulphur dioxide and allyl cyanide. F. E. Frey, R. D. Snow, and L. H. Fitch, Jr. 2,198,936; Apr. 30.
Polymerization products and preparing them, Highly viscous. A. Voss and W. Heuer. 2,200,437; May 14.
Polymerization products from olefins, Production of liquid. E. Keunecke and W. Muench. 2,195,747; Apr. 2.
Polymerization products of vinyl ethers, Production of W. Reppe and E. Kuehn. 2,188,778; Jan. 30.
Polymerization with an alkyl phosphate polymerizing agent. S. Caplan. 2,223,548; Dec. 3.
Polymers and plastics, Sulphurized. J. C. Patrick. 2,216,044; Sept. 24.
Polymers and shaped articles therefrom, Synthetic. G. D. Graves. 2,212,772; Aug. 27.
Polymers from ethylene and acetylene. J. G. Paton and E. G. Williams. 2,192,931; Mar. 12.
Polymers of high molecular weight and producing same. M. Mueller-Cunradi and M. Otto. 2,203,873; June 11.
Polymers of methacrylic acid esters and preparation of the same, Modified. D. A. Fletcher. 2,201,395; May 21.
Polymers of vinyl acetals, Mixed. H. Berg and A. von Putzer Reybegg. 2,224,663; Dec. 10.
Polymers, Production of liquid. E. J. Houdry. 2,226,562; Dec. 31.
Polyphase choke coil. R. K. Jovy. 2,212,543; Aug. 27.
Polyphase rectification from a single phase electricity supply. H. M. Harmer. 2,209,948; Aug. 6.
Polyphonic instrument employing vibratory means. W. E. Kock. 2,212,292; Aug. 20.
Polystyrene and related resins, Molding. R. D. Lowry. 2,224,852; Dec. 17.
Polystyrene coating composition. T. A. Kauppi and K. D. Bacon. 2,207,623; July 9.
Polystyrol composition. S. M. Stoesser. 2,187,695; Jan. 16.
Polystyrene compositions. T. A. Kauppi, K. D. Bacon, and F. B. Smith. 2,188,903; Feb. 6.
Polysulphide polymers, Molding. J. C. Patrick. 2,221,650; Nov. 12.
Polyvinyl acetal resin compositions containing butoxyethyl butoxyacetate. D. R. Swan. 2,221,032; Nov. 12.
Polyvinyl acetal resin compositions containing diethylene glycol ditetrahydrofuroate. H. B. Smith. 2,221,031; Nov. 12.
Polyvinyl acetal resin compositions containing diglycerol tetrapropionate. H. B. Smith. 2,218,251; Oct. 15.
Polyvinyl acetal resin compositions containing the butyl ether of diethylene glycol benzoate. J. J. Gordon. 2,218,237; Oct. 15.
Polyvinyl acetal resin sheet containing ethoxyethyl maleate. D. R. Swan. 2,221,036; Nov. 12.
Polyvinyl acetal resin sheets containing a dialkyl maleate. D. R. Swan. 2,221,035; Nov. 12.
Polyvinyl acetal resin sheets containing amyl succinate. D. R. Swan. 2,221,034; Nov. 12.
Polyvinyl acetal resin sheets containing di-isoamyl maleate. J. J. Gordon. 2,218,239; Oct. 15.
Polyvinyl acetal resin sheets containing di-isoamyl sulphone. D. R. Swan. 2,221,033; Nov. 12.
Polyvinyl acetal resin sheets containing methoxyethyl maleate. J. J. Gordon. 2,218,238; Oct. 15.
Polyvinyl formal, Stabilization of. B. W. Nordlander. 2,195,122; Mar. 26.
Polyvinyl halide composition. A. B. Japs. 2,218,645; Oct. 22.
Polyvinyl halide composition, Plasticized. J. J. Russell. 2,227,154; Dec. 31.
Polyvinyl halide compositions. C. H. Alexander. 2,222,928; Nov. 26.
Polyvinyl halide products, Preparing. W. L. Semon. 2,188,396; Jan. 30.
Polyvinyl halides, Plasticized. C. H. Alexander. 2,193,662; Mar. 12.
Pony, Water. N. I. Christiansen. 2,198,904; Apr. 30.
Pool-type X-ray tube. L. Tonks. 2,206,710; July 2.
Pop valve. C. A. Campbell. 2,201,363; May 21.
Popcorn, Cheese flavored popped. F. H. Clickner. 2,222,560; Nov. 19.
Popcorn cutter. P. Franke. 2,225,106; Dec. 17.
Popcorn machine. B. C. Case. 2,216,805; Oct. 8.
Popcorn machine. C. E. Quick. 2,194,074; Mar. 19.
Popper, Corn. W. E. Gundelfinger and O. Lamb. 2,194,852; Mar. 26.
Poppet valve. G. T. Downey. 2,223,247; Nov. 26.
Poppet valve, Self-adjusting camlift. S. W. Rushmore. 2,211,585; Aug. 13.
Porcelain, Making articles of. R. W. Erdle. 2,195,452; Apr. 2.
Porous formations, Sealing off. H. C. Lawton. 2,208,766; July 23.
Porous structures, Making. J. F. T. Berliner. 2,191,555; Feb. 27.
Portable adjustable pump. F. M. North. 2,214,677; Sept. 10.
Portable bar. A. W. Smith. 2,193,780; Mar. 12.
Portable boiler. J. M. Shimer. 2,187,632; Jan. 16.
Portable carrier. O. Y. Warren. 2,210,643; Aug. 6.
Portable chair. C. E. Bowles. 2,204,722; June 18.
Portable cover. H. McCurley. 2,203,575; June 4.
Portable drill. H. P. Chandler. 2,187,111; Jan. 16.
Portable foldable seat. G. Fisher. 2,198,157; Apr. 23.
Portable folding seat. W. B. Hines. 2,220,865; Nov. 5.
Portable hand loom. K. E. Walker. 2,190,813; Feb. 20.
Portable lamp, J. Gould, Jr. 2,204,986; June 18.
Portable lamp. A. J. Sweet. 2,198,096; Apr. 23.
Portable mixer. G. Goldberg and E. Graf. 2,203,430; June 4.
Portable tool. P. Van Sittert. 2,224,708; Dec. 10.
Portable welder support. A. D. Jardine and H. V. Beronius. 2,191,912; Feb. 27.
Portfolio. J. A. Brewer. 2,211,809; Aug. 20.
Portfolio. R. S. Feeley. 2,224,539; Dec. 10.
Portfolio case. J. M. Feldman. 2,190,707; Feb. 20.
Portfolio, case, and the like. C. Doppelt. 2,196,179; Apr. 9.
Portfolio for stationery. G. E. Sojka. 2,226,837; Dec. 31.
Portfolio, Self-opening. H. L. Tharp. 2,190,090; Feb. 13.
Pose-observing apparatus. L. G. Simjian. 2,218,302; Oct. 15.
Pose reflecting system. L. G. Simjian. 2,192,158–9; Feb. 27.
Position and direction determining system. J. Neufeld. 2,190,038; Feb. 13.
Position determining system and method. J. Neufeld. 2,204,438; June 11.
Position finding. J. Neufeld. 2,214,342; Sept. 10.
Position indicating device for a movable body. H. E. Sjostrand. 2,191,730; Feb. 27.
Position-indicating device, Remotely acting liquid pressure. E. C. S. Clench and Q. H. H. Kahl. 2,225,768; Dec. 24.
Position indicator for airplanes. M. F. Miller. 2,192,450; Mar. 5.
Position inspector and final orientator. E. W. Carroll. 2,225,979; Dec. 24.
Position-selecting device, Automatic. J. H. Pressley. 2,188,918; Feb. 6.
Position selector. J. A. Ramos. 2,200,679; May 14.
Positioning device for machine tool tables. F. O. Hoagland. 2,200,884; May 14.
Positioning means for welding devices. E. Reed and E. R Mizer. 2,196,941; Apr. 9.
Positive plate with pure lead-coated grid. E. W. Smith. 2,193,783; Mar. 12.
Post and rail structure for scaffolds, Guard. E. B. Spencer. 2,226,359; Dec. 24.
Post, Binder. W. R. Kline. 2,208,943; July 23.
Post bracket. R. Mayer. 2,226,251; Dec. 24.
Post construction for automobile bodies and the like, Removable. S. H. Swift. 2,212,674; Aug. 27.
Post construction, Knockdown. F. S. and F. H. Beach. 2,206,625; July 2.
Post, Electrical binding. A. Hilado. 2,189,714; Feb. 6.
Post, Fence. W. B. Caldwell and E. F. Peters. 2,189,542; Feb. 6.
Post, Fence. W. E. Warmka. 2,191,124; Feb. 20.
Post or pillar for musical instruments of the violin class, Conical sounding. H. F. Proebstel. 2,208,081; July 16.
Post, Permanent binding. W. Pitt. 2,208,196; July 16.
Post puller. H. Westendorf. 2,226,456; Dec. 24.
Post, Tool. J. E. Poorman. 2,188,917; Feb. 6.
Poster device, Display. E. Borregard. 2,200,533; May 14.
Poster display frame. J. W. Connell. 2,190,557; Feb. 13.
Posture chair. R. A. and J. F. Cramer. 1,195,241; Mar. 26.
Posture corrector and exerciser. W. S. Bundy. 2,219,948; Oct. 29.
Pot, Burner. J. L. Breese. 2,225,467; Dec. 17.
Pot for casting machines, Melting. L. H. Morin. 2,224,978; Dec. 17.
Pot for plant propagation. A. S. Robinson. 2,220,497; Nov. 5.
Pot, Grate. N. James and J. J. Zurenda, Jr. 2,211,269; Aug. 13.
Pot, Melting. A. H. Jung. 2,224,081; Dec. 3.
Pot, Melting. A. H. Jung. 2,224,514; Dec. 10.
Pot, Melting. D. V. McParlin. 2,185,376; Jan. 2.
Pot or pan cover. J. L. Steyaert. 2,219,498; Oct. 29.
Pot, Plant propagating. M. Leatherman. 2,202,664; May 28.
Pot, Removable air-cooled and insulated slag. H. F. Gibbs and G. A. Braun. 2,193,403; Mar. 12.
Pot, Solder melting. J. D. Morgan and R. E. Lowe. 2,190,135; Feb. 13.
Pot support. W. Johnston, Jr. 2,198,252; Apr. 23.
Pots, Making burner. J. L. Breese. 2,226,216; Dec. 24.

Potash cartridge for oxygen respirators and lifesaving apparatus. H. Schmidt and J. Ježek. 2,209,354; July 30.
Potassium-sodium-lead alloy. H. N. Gilbert. 2,211,415; Aug. 13.
Potato and stone separator. G. H. Krenzer. 2,198,285; Apr. 23.
Potato digger chain. F. P. and R. W. Noffsinger, and N. E. Reynolds. 2,210,462; Aug. 6.
Potato digging and harvesting machine. F. J. Rodin. 2,209,282; July 23.
Potato slicing machine. E. G. Oldenburg. 2,226,071; Dec. 24.
Potato washer. D. E. Muir. 2,216,498; Oct. 1.
Potatoes, Conditioning. F. J. Reilly. 2,197,437; Apr. 16.
Potatoes, Preparing French fried. K. T. Swartz. 2,212,461; Aug. 20.
Potatoes to produce dried mashed potatoes, Treatment of. O. Gano. 2,190,063; Feb. 13.
Potential to constant current transformation apparatus, Constant. H. E. Young and E. H. Haug. 2,226,041; Dec. 24.
Potentiometer. W. J. Clark, C. H. Bosanquet, R. A. Bell, and R. Matthews. 2,188,830; Jan. 30.
Potentiometer, Recording. C. O. Fairchild. 2,207,343–4; July 9.
Pottery loading device. A. L. Schreiber. 2,205,178; June 18.
Pottery making machine. G. W. Lane and R. Malarkey. 2,224,653; Dec. 10.
Pottery ware, Manufacturing lugged. W. J. Miller. 2,217,346; Oct. 8.
Pottery ware, Method and apparatus for manufacturing. W. J. Miller. 2,191,857; Feb. 27.
Pottery ware, Method and apparatus for manufacturing W. J. Miller. 2,200,860; May 14.
Pottery ware, Method of and apparatus for manufacturing. W. J. Miller. 2,187,836; Jan. 23.
Pottery-ware processing apparatus. W. H. L. Anderson, M. H. King, and A. W. McElroy. 2,213,426; Sept. 3.
Pouch and making same, Tobacco. P. M. Gilfillan. 2,220,231; Nov. 5.
Pouch, Urinal. E. F. Starck. 2,222,825; Nov. 26.
Poultry and other edibles, Treating. M. B. McCadam and M. G. Dimon. 2,214,562; Sept. 10.
Poultry drawer. K. Breitschwerdt. 2,189,752; Feb. 13.
Poultry feeder. M. G. Slawson. 2,213,416; Sept. 3.
Poultry feeder. D. E. Warfel. 2,213,153; Aug. 27.
Pouring handle. T. H. Jenkins. 2,196,529; Apr. 9.
Poultry killing machine. P. Onorato and E. Weinaug. 2,210,376; Aug. 6.
Poultry-plucking machine. T. F. Schlicksupp. 2,206,731; July 2.
Poultry treating apparatus and method. P. Onorato and E. Weinaug. 2,210,377; Aug. 6.
Pouring attachment for containers. A. G. B. Metcalf. 2,222,594; Nov. 26.
Pouring sleeve and cap. R. E. Deschner. 2,193,805; Mar. 19.
Powder aggregate, Metallic. C. P. Harris. 2,185,194; Jan. 2.
Powder and manufacture, Progressive-burning smokeless. H. M. Spurlin and G. H. Pfeiffer. 2,187,866; Jan. 23.
Powder and method of manufacture, Progressive-burning smokeless. H. M. Spurlin and G. H. Pfeiffer. 2,198,746; Apr. 30.
Powder and product thereof, Preparing of progressive-burning smokeless. F. L. Boddicker. 2,186,516; Jan. 9.
Powder box. H. M. Carter and W. Langer. 2,217,307; Oct. 8.
Powder box. J. P. Tippett. 2,193,307; Mar. 12.
Powder can closure. G. P. Peterson. 2,202,466; May 28.
Powder, Cleaning. U. C. Tainton. 2,213,641; Sept. 3.
Powder container package and spray-gun, Combined. W. L. Rutkowski. 2,215,937; Sept. 24.
Powder depositor. J. Sterling. 2,210,470; Aug. 6.
Powder dispenser. L. M. Eudaily. 2,188,627; Jan. 30.
Powder dispenser. J. J. Shea. 2,209,707; July 30.
Powder, Dusting. R. Beutner. 2,185,178; Jan. 2.
Powder, Dusting. P. A. Raiche. 2,195,424; Apr. 2.
Powder for iron dust cores, Magnetic. H. Vogt. 2,186,659; Jan. 9.
Powder, Manufacture of smokeless. F. L. Boddicker. 2,210,871; Aug. 6.
Powder, Process and apparatus for manufacture of smokeless. H. C. Sweney. 2,210,104; Aug. 6.
Powder, Process and apparatus for the manufacture of smokeless. E. M. Symmes. 2,210,105; Aug. 6.
Powder, Progressive burning smokeless. L. C. Weldin. 2,201,640; May 21.
Powder puff. M. S. Landsman. 2,204,605; June 18.
Powder puff and making same. R. E. Thompson. 2,190,894; Feb. 20.
Powder puff, Dispensing. E. E. Sanders. 2,216,522; Oct. 1.
Powders, Making metallic molding. L. G. Klinker. 2,200,369; May 14.
Powders, Manufacture of double base propellent. E. Whitworth and T. Thomson. 2,221,391; Nov. 12.
Powders, Manufacture of smokeless. F. Olsen, G. C. Tibbitts and E. B. W. Kerone. 2,206,916; July 9.
Powders, Producing metal. J. S. Fisher. 2,216,167; Oct. 1.
Power absorbing or transmitting device. H. F. Schmidt. 2,226,412; Dec. 24.
Power actuated device. L. J. L. Geeraert and W. Lush. 2,211,814; Aug. 20.
Power actuator, Fluid pressure. R. R. Gunderson. 2,192,548; Mar. 5.
Power apparatus. W. D. La Mont. 2,201,622; May 21.
Power apparatus, Wind driven. J. R. Albers. 2,207,964; July 16.
Power assembly. A. Kuhns. 2,213,045; Aug. 27.
Power assembly. A. Kuhns. 2,215,646; Sept. 24.
Power attachment for tractors. C. V. Everett. 2,198,910; Apr. 30.
Power back gauge. W. C. Eickman. 2,213,068; Aug. 27.
Power boiler. R. J. Rockefeller. 2,203,366; June 4.
Power boiler. E. H. Taylor. 2,203,370; June 4.
Power chucking mechanism. W. F. Groene and H. J. Siekmann. 2,215,922; Sept. 24.
Power clutch and brake assemblage. A. R. Stone. 2,212,904; Aug. 27.
Power clutch, Reversible. C. A. Barber. 2,188,215; Jan. 23.
Power control. M. J. Kittler. 2,189,907; Feb. 13.
Power control apparatus. J. Marsten. 2,201,686; May 21.
Power control system for hydraulic presses. R. W. Dinzl. 2,220,798; Nov. 5.
Power control unit. R. G. Le Tourneau. 2,220,655; Nov. 5.
Power converting and applying unit, Portable. F. Toop. 2,220,871; Nov. 5.
Power converting unit and system. T. F. Carmichael. 2,222,214; Nov. 19.
Power device. A. A. Norin. 2,208,041; July 16.
Power distribution. E. T. Carlson. 2,209,560; July 30.
Power dividing and transmitting mechanism. B. W. Keese. 2,203,282; June 4.
Power drill. E. Mantini. 2,210,628; Aug. 6.
Power drill. R. McWhirter. 2,220,791; Nov. 5.
Power drilling rig, Hydraulic. W. T. Caldwell. 2,200,075; May 7.
Power drive clutch. H. Griffin. 2,214,901; Sept. 17.
Power drive in a winding or other machine, Controlling the. R. M. Johnstone. 2,201,233; May 21.
Power drive mechanism. R. W. Strout. 2,213,111; Aug. 27.
Power-drive mounting. W. E. Geer. 2,224,813; Dec. 10.
Power driven tool. E. Amundsen. 2,220,195; Nov. 5.
Power driven tool. T. L. Hedgpeth. 2,208,843; July 23.
Power driven tool, Small. J. Oster. 2,211,216; Aug. 13.
Power driving means. T. Johnson, R. O. Johnson, and A. Seyfried. 2,221,639; Nov. 12.
Power driving mechanism. G. L. McCain. 2,205,486; June 25.
Power factor indicator. A. H. Wolferz and J. H. Miller. 2,198,371; Apr. 23.
Power-factor meter. W. D. Hall. 2,188,785; Jan. 30.
Power generating station including plural prime movers and operating said station and said prime movers, Hydroelectric steam. W. D. La Mont. 2,201,615; May 21.
Power generating, transmitting, and delivering apparatus. C. M. Park. 2,202,298; May 28.
Power generating unit. T. M. Farlow. 2,221,185; Nov. 12.
Power generation. M. Platzner. 2,215,157; Sept. 17.
Power generator, Wind-operated. H. Honnef. 2,217,950; Oct. 15.
Power level indicator. A. P. J. Boudreau. 2,189,660; Feb. 6.
Power lift. B. R. Benjamin and C. W. Mott. 2,200,768; May 14.
Power lift. T. Brown. 2,195,610; Apr. 2.
Power lift mechanism. T. Brown. 2,196,053; Apr. 2.
Power lift mechanism. T. Brown and T. W. Paul. Re. 21,667; Dec. 24.
Power lift mechanism. C. Strasser and W. H. Tanke. 2,197,369; Apr. 16.
Power, Method and apparatus for generating. E. T. Turner. 2,190,957; Feb. 20.
Power mowing machine. G. H. Sebade. 2,216,790; Oct. 8.
Power on high-frequency energy lines, Measuring. W. Buschbeck. 2,205,873; June 25.
Power operated brake. J. R. Almond and G. W. Upp. 2,219,062; Oct. 22.
Power plant. H. H. Spencer. 2,219,459; Oct. 29.
Power plant. W. E. Swenson. 2,226,595–6; Dec. 31.
Power plant and engine arrangement. A. K. Antonsen. 2,213,682; Sept. 3.
Power plant, Binary cycle. N. C. Price. 2,191,289; Feb. 20.
Power plant, Closed monobloc. A. P. Vincent. 2,198,141; Apr. 23.
Power plant, Elastic fluid. G. Diedrich. 2,185,803; Jan. 2.
Power plant, Elastic fluid. P. H. Knowlton, Jr. 2,204,138–9; June 11.
Power plant, Elastic fluid. A. Stubbs. 2,192,759; Mar. 5.
Power plant, Elastic fluid. G. B. Warren. 2,204,111; June 11.
Power plant, Elastic fluid turbine. A. Rosch. 2,197,651; Apr. 16.

Power plant, Hydraulic. J. Van Scharrel. 2,222,790; Nov. 26.
Power plant, Oil field. A. L. Stone, A. E. Rice, and J. H. Appleton. 2,186,999; Jan. 16.
Power plants, Regulating and starting thermal. C. Keller. 2,203,731; June 11.
Power producing apparatus, Continuous variable temperature. M. S. Quinte. 2,215,652; Sept. 24.
Power-regulating device. W. R. Koch. 2,197,934; Apr. 23.
Power reverse gear. V. R. Stewart. 2,220,586; Nov. 5.
Power reversing gear. H. D. O'Rourke. 2,200,562; May 14.
Power sewing machine table. H. T. Hallowell. 2,206,774; July 2.
Power-steering apparatus. F. W. Davis. 2,213,271; Sept. 3.
Power steering mechanism for automobiles. J. Bartho and J. T. Ackerson. 2,219,645; Oct. 29.
Power supply circuit. J. H. Bollman. 2,201,983; May 28.
Power supply circuit. J. H. Pressley. 2,211,073; Aug. 13.
Power supply device. H. Rinia and A. J. H. van der Ven. 2,206,123; July 2.
Power supply for radio receiving sets. D. D. Israel and L. F. Willging. 2,220,051; Oct. 29.
Power supply network. W. van B. Roberts. 2,218,925; Oct. 22.
Power supply system. R. J. Aust. 2,194,288; Mar. 19.
Power system. J. H. Blankenbuehler. 2,203,717; June 11.
Power system. A. B. Newton. 2,222,152; Nov. 19.
Power system. J. M. Pestarini. 2,203,544; June 4.
Power system. G. F. Smith. 2,217,499; Oct. 8.
Power system. W. Stilwell. 2,210,822; Aug. 6.
Power system, Emergency. J. M. Dannheiser. 2,194,822; Mar. 26.
Power system for driving shafts. F. H. Messinger. 2,194,316; Mar. 19.
Power take-off. D. B. Baker, C. R. Rogers, and W. O. Bechman. 2,210,998; Aug. 13.
Power take-off. S. Smith. 2,221,387; Nov. 12.
Power take-off assembly. R. W. Wagner. 2,195,908–9; Apr. 2.
Power take-off attachment. R. O. Johnson. 2,202,345; May 28.
Power take-off for automobiles. J. A. Courville. 2,199,659; May 7.
Power take-off for food mixers. W. B. Kochner. 2,187,272; Jan. 16.
Power to pumps, Device for controlling the transmission of. J. C. Myers. 2,202,504; May 28.
Power tool. T. L. Hedgpeth. 2,218,168; Oct. 15.
Power transformer. F. L. Snyder. 2,198,489; Apr. 23.
Power translating system. S. N. Baruch. 2,194,966; Mar. 26.
Power transmission. C. J. Anderson, Jr. 2,207,496; July 9.
Power transmission. W. T. Dunn. 2,194,787; Mar. 26.
Power transmission. W. T. Dunn. 2,212,731; Aug. 27.
Power transmission. W. T. Dunn and T. Iavelli. 2,205,470; June 25.
Power transmission. R. Erban. 2,216,190; Oct. 1.
Power transmission. T. L. Fawick. 2,214,164; Sept. 10.
Power transmission. O. E. Fishburn. 2,205,473; June 25.
Power transmission. F. T. Harrington. Re. 21,529; Aug. 13.
Power transmission. F. T. Harrington. 2,210,665; Aug. 6.
Power transmission. F. T. Harrington. 2,214,816–17; Sept. 17.
Power transmission. F. T. Harrington and R. E. Esch. 2,186,379; Jan. 9.
Power transmission. F. T. Harrington and R. L. Tweedale. 2,219,896; Oct. 29.
Power transmission. F. T. Harrington, L. R. Twyman, and J. Robinson. 2,203,354; June 4.
Power transmission. K. R. Herman. 2,200,824; May 14.
Power transmission. T. Iavelli. 2,212,740; Aug. 27.
Power transmission. J. Jandasek. 2,186,025; Jan. 9.
Power transmission. W. D. Jewell. 2,210,121; Aug. 6.
Power transmission. A. Lysholm. 2,194,949; Mar. 26.
Power transmission. J. W. Marsh. 2,205,300; June 18.
Power transmission. E. R. Maurer. 2,205,485; June 25.
Power transmission. D. D. Mohler. 2,190,122; Feb. 13.
Power transmission. C. A. Neracher. 2,208,643; July 23.
Power transmission. C. A. Neracher and T. Iavelli. Re. 21,351; Feb. 13.
Power transmission. H. C. Nye and M. A. Hayden. 2,209,608; July 30.
Power transmission. H. F. Patterson. 2,203,177; June 4.
Power transmission. H. F. Patterson and A. J. Syrovy. 2,226,014; Dec. 24.
Power transmission. E. L. Rose. 2,210,129; Aug. 6.
Power transmission. E. L. Rose. 2,213,968; Sept. 10.
Power transmission. E. L. Rose. 2,216,987; Oct. 8.
Power transmission. E. L. Rose. 2,221,412; Nov. 12.
Power transmission. E. L. Rose, W. M. Gilman, and C. E. Grosser. 2,210,130; Aug. 6.
Power transmission. H. Thoma. 2,198,891; Apr. 30.
Power transmission. E. A. Thompson. 2,200,811; May 14.
Power transmission. R. L. Tweedale. 2,223,838; Dec. 3.
Power transmission apparatus, Variable speed. J. E. Freeborn. 2,204,800; June 18.
Power transmission assembly. A. Kuhns and E. R. Gasser. 2,211,832; Aug. 20.
Power transmission cable. C. N. Metcalf. 2,199,892; May 7.
Power transmission device. H. Föttinger. 2,226,760; Dec. 31.
Power transmission device. J. Hertrich. 2,202,378; May 28.
Power transmission device. M. R. Hutchison, Jr. 2,211,464; Aug. 13.
Power transmission device. M. R. Hutchison, Jr. 2,225,698; Dec. 24.
Power transmission device. A. E. McCormack. 2,209,949; Aug. 6.
Power transmission device. H. J. Murray. 2,200,890; May 14.
Power transmission device. D. K. Pilkington. 2,186,808; Jan. 9.
Power transmission device, Automatic variable speed. H. J. Murray. 2,208,385; July 16.
Power transmission device, Automatically variable. H. W. Broady. 2,218,671; Oct. 22.
Power transmission drive, Multiple. R. L. Beckman. 2,200,686; May 14.
Power transmission for oscillatory bodies. S. D. Robins. 2,188,060; Jan. 23.
Power transmission for variable load ratios, Device for. R. R. De Vore. 2,193,806; Mar. 19.
Power transmission, Hydraulic. I. B. Holtz. 2,214,416; Sept. 10.
Power transmission mechanism. J. S. Alspaugh. 2,218,838; Oct. 22.
Power transmission mechanism. D. I. Brown. 2,212,806; Aug. 27.
Power transmission mechanism. S. Budlong. 2,208,153; July 16.
Power transmission mechanism. W. G. Hoffman. 2,209,120; July 23.
Power transmission mechanism. C. L. Hopkins. 2,210,668; Aug. 6.
Power transmission mechanism. C. L. Hopkins. 2,223,614; Dec. 3.
Power transmission mechanism. C. E. Kraus. 2,201,670; May 21.
Power transmission mechanism. K. K. Probst. 2,193,431; Mar. 12.
Power transmission mechanism. F. C. Reggio. 2,198,273; Apr. 23.
Power transmission mechanism. A. Stobb. 2,198,747; Apr. 30.
Power transmission mechanism. C. G. Wennerstrom. 2,204,521; June 11.
Power transmission mechanism, Hydraulic. G. J. Dischert. 2,221,308; Nov. 12.
Power transmission mechanism, Hydraulic. E. Seibold. 2,213,349; Sept. 3.
Power transmission mechanism, Reversible. H. G. Davis. 2,200,574; May 14.
Power transmission mechanism, Variable speed. F. A. Hayes. 2,201,176; May 21.
Power-transmission mechanism, Variable-speed. J. N. Kiep and H. Sinclair. 2,214,819; Sept. 17.
Power-transmission mechanism, Variable-speed. H. Sinclair. 2,212,278; Aug. 20.
Power-transmission mechanism, Variable-speed. H. Sinclair. 2,223,535; Dec. 3.
Power transmission member, Flexible. S. Pile. 2,211,790; Aug. 20.
Power transmission, Motor vehicle. H. F. Patterson. Re. 21,680; Dec. 31.
Power, Transmission of. A. H. Beede. 2,201,118; May 14.
Power, Transmission of. A. Lisowski. 2,191,172; Feb. 20.
Power transmission system, Electric. E. F. W. Alexanderson. 2,208,183; July 16.
Power transmission system, Electric. E. F. W. Alexanderson. 2,213,945; Sept. 10.
Power transmission system, Electric. F. Eichberg. 2,224,645; Dec. 10.
Power transmission system, Electric. F. R. Elder. 2,208,182; July 16.
Power-transmission system for electrically driven trains. W. Steinbauer, H. Kother, and P. Müller. 2,189,353; Feb. 6.
Power transmission system, Synchronous electric. E. F. W. Alexanderson. 2,207,570; July 9.
Power transmission to or from a fluid. C. O. J. Montelius. 2,198,786; Apr. 30.
Power transmitter. G. Sauer. 2,205,176; June 18.
Power transmitter, Fluid. F. Nallinger. 2,194,715; Mar. 26.
Power transmitter, Hydraulic. J. N. Kiep and H. Sinclair. 2,187,656; Jan. 16.
Power transmitter, Hydraulic. H. Sinclair and A. C. Basebe. 2,187,667; Jan. 16.
Power transmitting apparatus. H. A. Rohrich and C. A. Nielsen. 2,194,368; Mar. 19.
Power transmitting coupling. M. F. A. Julien. 2,187,706; Jan. 16.
Power transmitting device. H. T. Atkinson. 2,199,867; May 7.

Power transmitting device. P. Wasserman. 2,207,882; July 16.
Power transmitting means, Tractor trailer. H. R. Van Vleck. 2,193,893; Mar. 19.
Power transmitting mechanism. E. R. Burtnett. 2,209,385; July 30.
Power transmitting mechanism. V. S. Larionoff-Romanovsky. 2,222,261; Nov. 19.
Power transmitting mechanism. B. F. Madsen. 2,224,192; Dec. 10.
Power transmitting mechanism. W. W. Potter. 2,225,886; Dec. 24.
Power transmitting mechanism for motor vehicles. C. S. Singleton. 2,200,658; May 14.
Power transmitting mechanism, Hydraulic variable speed. H. Webster. 2,197,165; Apr. 16.
Power tube, Low impedance. C. V. Litton. 2,226,729; Dec. 31.
Power unit. R. F. Bean. 2,192,845; Mar. 5.
Power unit. L. W. Melcher. 2,214,061; Sept. 10.
Power unit. R. B. Pealer. 2,191,191; Feb. 20.
Power unit. J. A. Pietras. 2,223,899; Dec. 3.
Power unit. G. W. Whitehurst. 2,205,705; June 25.
Power unit, Electric motor driven. D. Heyer. 2,205,977; June 25.
Power unit for motor cycles. E. E. W. Butt. 2,192,867; Mar. 5.
Power unit for multiple oil wells. R. Wiken. 2,212,909; Aug. 27.
Power unit, Household. L. N. Smith. 2,185,100; Mar. 26.
Power unit, Variable speed electric. D. Heyer and G. T. Pfleger. 2,198,940; Apr. 30.
Power vehicle. E. Fitzner. 2,226,759; Dec. 31.
Power vehicle. F. Reimspiess. 2,216,456; Oct. 1.
Power yoke, Eccentric. H. J. Baumgardner. 2,206,526; July 2.
Precipitation. R. H. Fleckenstein and A. T. Mertes. 2,213,211; Sept. 3.
Precipitation. R. H. Fleckenstein and A. T. Mertes. 2,213,907; Sept. 3.
Precipitator indicating system. R. L. Hildebrand and I. A. Yost. 2,217,481; Oct. 8.
Precision gauge. F. R. Hahn. 2,213,088; Aug. 27.
Precision grinding of contoured articles. R. H. Cramer. 2,218,982; Oct. 22.
Prefabricated bracket, Welded rigid frame subway bent and. M. P. Korn. 2,205,362; June 18.
Prefabricated structure. W. F. Weaver. 2,193,994; Mar. 19.
Prefocus projection lamp. J. L. Spence, Jr. 2,191,292; Feb. 20.
Pregnandiol, Recovery of. P. Weil. 2,215,628; Sept. 24.
Pregnandiols and obtaining them. R. E. Marker. 2,196,220; Apr. 9.
Pregnanol-3-one-20 compounds and preparing them. R. E. Marker. 2,223,377; Dec. 3.
Pregnanone compounds, Producing. R. E. Marker. 2,216,978; Oct. 8.
Preheater for oil burners, Jet line. F. Janitschek. 2,225,869; Dec. 24
Preheater vaporizer, Fuel blending. R. W. Warrick. 2,213,154; Aug. 27.
Prelift device for hangar doors. D. H. Morgan. 2,220,656; Nov. 5.
Preload adjustment for ball bearings. J. H. Nelson. 2,188,251; Jan. 23.
Preloading apparatus for printing presses. J. F. Jirousek. 2,213,736; Sept. 3.
Preoiling system. A. L. Couty. 2,205,812; June 25.
Preparation containing calcium compounds. L. Hamburger. 2,198,165; Apr. 23.
Preparation for antisepsis of the oral cavity. V. R. Kokatnur. 2,218,172; Oct. 15.
Preparation for application to the skin and toilet soap. R. W. Lawson. 2,194,858; Mar. 26.
Preparation for applying to the hair and skin preparatory to dry-shaving. A. D. Robson. 2,227,321; Dec. 31.
Preparation for cleaning removable dentures. O. E. McKim. 2,201,098; May 14.
Preparation for removing hair from the body. M. E. Buff. 2,202,829; June 4.
Preparation for use in carbon coating television tubes. K. Stephan. 2,223,924; Dec. 3.
Preparation of alpha-alkyleneimines, e. g., ethylenimine. G. J. Berchet. 2,212,146; Aug. 20.
Preparation of aromatic 1,3-diketones. A. B. Boese, Jr. 2,214,117; Sept. 10.
Preparation of aryl mercaptans and resulting composition. L. C. Holt. 2,216,840; Oct. 8.
Preparation of catalysts and their use in the polymerization of hydrocarbons. A. Wassermann. 2,212,995; Aug. 27.
Preparation of copolymers of butadiene and vinylidene chloride. L. B. Sebrell. 2,215,379; Sept. 17.
Preparation of glutaconic acid. N. D. Scott. 2,218,032; Oct. 15.
Preparation of pigmented coatings. P. J. Rya. 2,211,912; Aug. 20.
Preparation of 2-keto aldonic acids from aldonic acids by anodic oxidation. R. Pasternack and P. P. Regna. 2,222,155; Nov. 19.
Preparations containing the circulatory hormone calliicrein, Manufacture of. F. Schultz. 2,219,167; Oct. 22.
Preselector and remote control system. H. F. Elliott. 2,190,832; Feb. 20.
Preselector device for change speed gears. W. Fournaux. 2,190,062; Feb. 13.
Preservative composition. A. D. Chapman and R. M. Lindgren. 2,186,134; Jan. 9.
Preservative composition and products derived therefrom. C. M. Albion. 2,188,468; Jan. 30.
Preservative, Wood. K. Wolman and R. Huber. 2,185,533; Jan. 2.
Preserves, Manufacture of. W. A. Rooker. 2,186,044; Jan. 9.

Press: *See*—
Amalgam press.
Baling press.
Banding press.
Brick press.
Bushing assembly press.
Casting press.
Denture press.
Die spotting press.
Dough press.
Drawing press.
Drill press.
Etching press.
Extrusion press.
Filter press.
Garment press.
Heel attaching press.
Horizontal press.
Horn press.
Hydraulic metal extrusion press.
Hydraulic molding press.
Hydraulic press.
Hydromechanical press.
Ironing press.
Laminating press.
Lathe-drill press.
Laundry and garment press.
Laundry press.
Metal drawing press.
Molding press.
Multicolor printing press.
Paper padding press.
Pipe press.
Planographic printing press.
Platen printing press.
Pocket seal press.
Printing press.
Punch press.
Racket press.
Roller press.
Rotary printing press.
Rubber molding press.
Seal press.
Shaft or tube press.
Shoe parts press.
Shoe pasting press.
Shoe press.
Shoe shank press.
Tilting head press.
Tumbler press.
Unitary pot press.
Vulcanizing press.
Web perfecting rotary press.
Web printing press.
Welt press.

Press. J. Y. Blazek and V. R. Roy. 2,195,478; Apr. 2.
Press. R. W. Dinzl. 2,198,049; Apr. 23.
Press. F. L. Johnson. 2,199,000; Apr. 30.
Press. G. W. Johnston. 2,207,221; July 9.
Press. W. E. Käss. 2,224,054; Dec. 3.
Press. T. F. Kohl. 2,205,532; June 25.
Press. F. Lindgren. 2,216,710; Oct. 1.
Press. M. Maeser. 2,223,454; Dec. 3.
Press. V. H. Meyer. 2,221,877; Nov. 19.
Press. J. A. Mortenson. 2,193,140; Mar. 12.
Press. M. L. Rathbun. 2,202,964; June 4.
Press. O. C. Schmidt. 2,205,673; June 25.
Press. F. H. Smith. 2,227,279; Dec. 31.
Press. E. M. Winegar. 2,222,732; Nov. 26.
Press and clutch therefor. R. Sonnenberg. 2,187,955; Jan. 23.
Press and control system, Hydraulic. R. W. Dinzl. 2,223,281; Nov. 26.
Press and drive therefor. F. C. Biggert, Jr. 2,197,391; Apr. 16.
Press and method of dehydrating, Dehydrating. E. G. Loomis. 2,221,806; Nov. 19.
Press and plastic substance compounder therefor, Extrusion. C. Surico. 2,223,079; Nov. 26.
Pressboard for velvet, etc. R. Bass. 2,190,631; Feb. 13.
Press brake. W. G. Wehr. 2,199,864; May 7.
Press control mechanism. E. N. Neckel. 2,198,224; Apr. 23.
Press control, Punch. W. H. Peet. 2,193,880; Mar. 19.
Press, Extrusion. J. H. Fridén. Re. 21,378; Mar. 5.
Press for automotive vehicle housings and associated parts. M. S. Merrill and L. W. Alfred. 2,219,191; Oct. 22.
Press for crushing cans. J. L. Ross. 2,212,047; Aug. 20.
Press for operating upon continuously traveling material. W. F. Grupe. 2,192,707; Mar. 5.
Press for producing flour paste articles. E. Giezendanner. 2,215,149; Sept. 17.
Press for rotatable articles, Stamping. J. Muller. 2,218,798; Oct. 22.
Press for tapping attachment, Drill. H. G. Procunier. 2,189,152; Feb. 6.
Press for the manufacture of multilayer non-splintering glass. A. Kämpfer. 2,225,870; Dec. 24.
Press operating mechanism. A. H. Adams. 2,196,165; Apr. 2.
Press plates, Casting. H. F. Hagemeyer. 2,198,497; Apr. 23.
Press, Printing. I. Tornberg. Re. 21,319; Jan. 9.
Press washing device, Printing. J. L. Seel and C. M. Mueller. 2,199,469; May 7.
Press with floating connection between auxiliary rams and press platen. W. Ernst. 2,219,385; Oct. 29.
Press with fluid-conducting strain rod. J. A. Muller. 2,217,025; Oct. 8.
Press with overstroke preventing means. J. A. Muller. 2,223,223; Nov. 26.
Press with rapid-closing upward-acting ram. W. Ernst and L. S. Hubbert. 2,224,956; Dec. 17.
Presser foot, Magnifying. C. H. Johanson. 2,211,331; Aug. 13.
Presser foot, Welt seam. J. Lang. 2,211,333; Aug. 13.

Presses, Attachment for. B. J. Pierson. 2,186,495; Jan. 9.
Presses in the manufacture of cable sheaths, Filling lead. C. A. Piercy. 2,188,794; Jan. 30.
Presses, Safety control vulcanizer. R. A. F. Sandberg, P. F. K. Erbguth and E. S. Smith, Jr. 2,204,513; June 11.
Pressing apparatus. A. Maescher. 2,215,010; Sept. 17.
Pressing apparatus. D. Sigmond. 2,222,269; Nov. 19.
Pressing apparatus. J. D. Ullgren. 2,187,763; Jan. 23.
Pressing device. H. A. Perkins. 2,212,196; Aug. 20.
Pressing device for knitting machines. E. Noble. 2,222,154; Nov. 19.
Pressing iron, Electrically heated. F. W. Scharf. 2,186,930; Jan. 9.
Pressing iron, Steam-discharging. F. A. Miller. 2,188,010; Jan. 23.
Pressing machine. S. Goldstein. 2,197,613; Apr. 16.
Pressing machine. H. E. Page. 2,191,117; Feb. 20.
Pressing machine. O. H. and E. Pearson. 2,207,468; July 9.
Pressing machine. J. F. Raynolds. 2,214,178; Sept. 10.
Pressing machine. H. G. Sutton. 2,198,419; Apr. 23.
Pressing machine. A. U. Walter. 2,212,188; Aug. 20.
Pressing machine for key cards and like articles, Automatic. F. M. Zenner. 2,217,782; Oct. 15.
Pressing machine for use in footwear manufacture. J. F. Smith. 2,204,386; June 11.
Pressing machine pad, Flexible. G. W. Bristol. 2,190,146; Feb. 13.
Pressing mechanism. E. P. Holder. 2,210,033; Aug. 6.
Pressing pad. C. J. Crary. 2,206,836; July 2.
Pressing system. J. D. Foster. 2,190,868; Feb. 20.
Pressing table. M. Di Mauro. 2,200,132; May 7.
Pressure accumulator apparatus. E. A. Rockwell 2,197,772; Apr. 23.
Pressure actuated valve. G. A. Hatfield. 2,223,337; Nov. 26.
Pressure actuated valve. A. Wahl and L. Glimann. 2,226,031; Dec. 24.
Pressure and flow relay. H. C. Jenks 2,214,616; Sept. 10.
Pressure applicator. G. W. Medart. 2,211,904; Aug. 20.
Pressure applying clamp, Yieldable. J. A. Watt. 2,190,463; Feb. 13.
Pressure-applying pad. S. J. Finn. 2,205,400; June 25.
Pressure arm structure. J. D. Beebe. 2,201,422; May 21.
Pressure cap. C. S. Bailey. 2,195,266; Mar. 26.
Pressure-casting apparatus. C. D. Galloway. 2,209,882; July 30.
Pressure casting apparatus. J. N. Smith. 2,220,776; Nov. 5.
Pressure cleaning apparatus. P. A. Clark. 2,201,080; May 14.
Pressure compensator for gun perforators. G. F. Turechek. 2,191,781; Feb. 27.
Pressure control. C. A. Otto. 2,195,520; Apr. 2.
Pressure control apparatus. H. Schirokauer. 2,210,044; Aug. 6.
Pressure control for refrigeration systems, Dual. G. E Seldon. 2,214,236; Sept. 10.
Pressure control for vessels, Hatch operated. W. W. Mason. 2,211,281; Aug. 13.
Pressure control means for drilling apparatus. A. J. Penick and K. T. Penick. 2,213,504; Sept. 3.
Pressure control system for aircraft cabin. N. C. Price. 2,208,554; July 16.
Pressure control valve. T. R. Peters and O. L. Mulloy. 2,191,726; Feb. 27.
Pressure controller. L. L. Cunningham. 2,203,523; June 4.
Pressure coring device. B. W. Sewell. 2,216,962; Oct. 8.
Pressure device for hydraulic brakes. J. Bělenkij. 2,205,806; June 25.
Pressure differential operated motor. H. W. and E. R. Price. 2,212,955; Aug. 27.
Pressure equalizer for blowout preventers. W. E. King and J. S. Abercrombie. 2,194,254; Mar. 19.
Pressure equalizer, Manifold. D. S. Hersey. 2,199,259; Apr. 30.
Pressure equalizing valve. T. C. Mahon. 2,200,578; May 14.
Pressure filter. C. D. Nugent. 2,212,647; Aug. 27.
Pressure fluid motor. J. C. Curtis. 2,224,858; Dec. 17.
Pressure fluid motor. J. C. Curtis. 2,224,861; Dec. 17.
Pressure fluid motor. E. G. Gartin. 2,195,203–4; Mar. 26.
Pressure fluid motor. F. E. Sinclair. 2,224,862; Dec. 17.
Pressure fluid operated tool. E. H. Shaff. 2,187,502; Jan. 16.
Pressure gauge. G. F. Ruopp. 2,209,539; July 30.
Pressure gauge. N. J. Smith. 2,224,024; Dec. 3.
Pressure gauge. P. T. Sprague and A. Soller. 2,199,013; Apr. 30.
Pressure gauge. R. E. Sturm and G. V. Eltgroth. 2,209,212; July 23.
Pressure indicating device. J. E. Dube. 2,188,177; Jan. 23.
Pressure indicating device for suction cleaners, Bag. E. L. Snyder. 2,198,888; Apr. 30.
Pressure indicating means for tires. V. M. Pyatt. 2,224,798; Dec. 10.
Pressure indicator for pneumatic tires. W. S. West. 2,225,674; Dec. 24.
Pressure leakage gauge. R. L. Bradford. 2,212,466; Aug. 20.
Pressure limiting device. L. A. Cole. 2,211,052; Aug. 13.
Pressure liquid operated device. K. Blasig. 2,226,545; Dec. 31.
Pressure lubricator. S. O. Jakobsen. 2,192,974; Mar. 12.
Pressure means for wringer rolls. J. L. Perkins. 2,221,408; Nov. 12.
Pressure measuring means. F. F. Uehling. 2,224,709; Dec. 10.
Pressure measuring or indicating instrument. C. D. Young. 2,209,910; July 30.
Pressure neutralizer, Pipe line. P. E. McMurry. 2,190,412; Feb. 13.
Pressure nodule apparatus. G. W. Batchell, W. S. Mayers, and F. G. Schwalbe. 2,214,191; Sept. 10.
Pressure reducing apparatus. P. Spence. 2,185,713; Jan. 2.
Pressure reducing device. J. de Freitas. 2,213,955; Sept. 10.
Pressure reducing feed valve. O. F. Carlson., 2,221,942; Nov. 19.
Pressure regulating devices, Making. G. G. Budwig. 2,196,519; Apr. 9.
Pressure regulating system. D. F. Warner. 2,215,306; Sept. 17.
Pressure regulating valve. M. Gottlieb. 2,214,459; Sept. 10.
Pressure regulating valve. J. F. Jaworowski. 2,191,319; Feb. 20.
Pressure regulating valve. C. B. McElwaine. 2,192,141; Feb. 27.
Pressure regulation. C. A. Otto. 2,207,941; July 16.
Pressure regulator. G. Gerson and F. W. Nagel. 2,201,894; May 21.
Pressure regulator. D. Gregg. 2,194,749; Mar. 26.
Pressure regulator. M. H. Grove. 2,220,229; Nov. 5.
Pressure regulator, Fluid. A. D. MacLean. 2,195,337; Mar. 26.
Pressure regulator indicator for fluids. H. L. Conrad. 2,196,251; Apr. 9.
Pressure regulator or reducing valve, High and low. W. K. Dow. 2,195,242; Mar. 26.
Pressure release, Automatic. G. G. Guthrie. 2,185,461; Jan. 2.
Pressure relief device. A. von Wangenheim. 2,213,181; Aug. 27.
Pressure relief means. H. H. Bixler. 2,222,703; Nov. 26.
Pressure relief means for automobiles. L. T. White. 2,224,494; Dec. 10.
Pressure relief valve. A. E. Jurs. 2,214,963; Sept. 17.
Pressure relief valve. C. J. McNamara. 2,207,382; July 9.
Pressure responsive device. F. H. Van Nest. 2,223,976; Dec. 3.
Pressure responsive indicating apparatus. F. H. Hopkins. 2,207,807; July 16.
Pressure responsive indicating instrument. A. Menzer. 2,196,932; Apr. 9.
Pressure responsive indicator. P. Kollsman. Re. 21,419; Apr. 9.
Pressure responsive instrument. A. Hoffmann and J. Zoller. 2,220,651; Nov. 5.
Pressure responsive instrument. P. Kollsman. 2,215,448; Sept. 17.
Pressure sampling device. G. A. Humason and W. J Clay. 2,199,225; Apr. 30.
Pressure stabilizer. H. D. Brice. 2,210,480; Aug. 6.
Pressure testing, Method and apparatus for formation. T. V. Moore. 2,189,919; Feb. 13.
Pressure valve. D. D. Wile. 2,198,070; Apr. 23.
Pressures, Method and device for measuring. F. M. Penning. 2,197,079; Apr. 16.
Pretzel machine. V. A. von Haase. 2,188,799; Jan. 30.
Pretzel making apparatus. H. E. Farmer. 2,210,864; Aug. 6.
Price computing mechanism. C. E. Kolb. 2,220,159; Nov. 5.
Price estimation, Aid to. J. C. Allen. 2,217,881; Oct. 15.
Price marking device. C. Rohlfes. 2,202,268; May 28.
Price tag molding. W. W. Vander Clute. 2,190,958; Feb. 20.
Primary galvanic cell. G. W. Heise and E. A. Schumacher. 2,213,429; Sept. 3.
Prime mover and controlling means therefor. A. D. Ferguson. 2,221,790; Nov. 19.
Prime mover control system. L. H. Palmer. 2,225,883; Dec. 24.
Prime mover control system. J. J. Ring and B. R. Nichols. 2,227,417; Dec. 31.
Prime mover control system. J. J. Ring, W. J. Rheingans, and B. R. Nichols. 2,224,638; Dec. 10.
Primer. C. E. Richardson. 2,188,760; Jan. 30.
Priming composition, Noncorrosive. C. H. Pritham, E. R. Rechel, and T. Stevenson. 2,194,480; Mar. 26.
Priming means for self-priming pumps. A. C. Stratton. 2,224,615; Dec. 10.
Printer, Motion picture. E. W. Kellogg. 2,200,086; May 7.
Printer, Optical reduction. M. E. Collins. 2,194,542; Mar. 26.
Printer, Page. A. D. Eitzen. 2,188,896; Feb. 6.

Printer, Pneumatic. E. E. Kleinschmidt. 2,218,113; Oct. 15.
Printer slotter. H. B. Greenwood. 2,191,988; Feb. 27.
Printer's gauge. J. G. Cook. 2,187,554; Jan. 16.
Printing. H. D. Colman. 2,196,354; Apr. 9.
Printing. W. J. Wilkinson. 2,226,086; Dec. 24.
Printing and bead forming device. Y. H. Kurkjian. 2,221,711; Nov. 12.
Printing and punching machine. F. L. Fuller. 2,189,027; Feb. 6.
Printing apparatus. H. P. Elliott. 2,193,064; Mar. 12.
Printing apparatus. E. Komusin. 2,187,456; Jan. 16.
Printing apparatus. W. B. Payne. 2,186,144; Jan. 9.
Printing apparatus. W. B. Payne. 2,212,124; Aug. 20.
Printing apparatus. M. Reynolds and H. G. Barrett. 2,207,874; July 16.
Printing apparatus. C. J. Rohland. 2,213,569; Sept. 3.
Printing apparatus. M. Wetzler. 2,193,213; Mar. 12.
Printing attachment for bottle labeling machines. N. G. Creamer. 2,199,254–5; Apr. 30.
Printing attachment for printing presses, Auxiliary. H. H. Predmore. 2,186,042; Jan. 9.
Printing composition. M. Belloc. 2,196,435; Apr. 9.
Printing control mechanism. W. Lang. 2,195,865; Apr. 2.
Printing cylinder pressure system. L. P. Albaugh. 2,185,743; Jan. 2.
Printing device. F. S. Rowe. 2,201,302; May 21.
Printing device and method. J. M. and C. J. Kirste. 2,211,506; Aug. 13.
Printing device, particularly for tabulating machines controlled by record cards or bands. K. A. Knutsen. 2,227,143; Dec. 31.
Printing die control, Disappearing. F. J. Rouan and E. H. Sorgatz. 2,204,971; June 18.
Printing form, Inking a. G. M. Keller. 2,185,342; Jan. 2.
Printing ink extender manufacture. W. H. Wood. 2,225,289; Dec. 17.
Printing machine. H. W. Beall. 2,225,529; Dec. 17.
Printing machine. S. Brand and W. A. Ayres. 2,192,594; Mar. 5.
Printing machine. W. T. Gollwitzer. 2,211,772; Aug. 20.
Printing machine. G. H. Higgins and W. S. Edwards. 2,220,903; Nov. 12.
Printing machine. G. M. Keller and A. M. Zuckerman. 2,205,980; June 25.
Printing machine. J. D. Klopfenstein. 2,196,678; Apr. 9.
Printing machine. B. K. Murchison. 2,193,565; Mar. 12.
Printing machine. J. J. Ormond and P. H. Durup. 2,208,044; July 16.
Printing machine. C. G. Quick, C. H. Skinner, and M. E. B. Evans. 2,185,310; Jan. 2.
Printing machine. G. Spiess. 2,193,300; Mar. 12.
Printing machine. S. B. Stafford and H. A. Smith. 2,221,930; Nov. 19.
Printing machine. C. E. Wyrick. 2,187,722; Jan. 23.
Printing machine. C. E. Wyrick. 2,198,581; Apr. 23.
Printing machine. C. E. Wyrick. 2,225,962; Dec. 24.
Printing machine. C. E. Wyrick. 2,226,888; Dec. 31.
Printing machine, Addressing and statistical. H. P. Elliott. 2,213,490; Sept. 3.
Printing machine for lengths of material. C. J. Rohland. 2,211,793; Aug. 20.
Printing machine for printing variable areas simultaneously. F. Shurley. 2,219,603; Oct. 29.
Printing machine, Heliographic. L. Kluitmann. 2,220,526; Nov. 5.
Printing machine, Record controlled. A. W. Mills. 2,224,771; Dec. 10.
Printing machine, Rotary web. D. Corbin. 2,194,467; Mar. 26.
Printing machine, Silk screen. E. E. Perry and F. A. Cameron. 2,207,818; July 16.
Printing machinery. A. Weiss. 2,217,191; Oct. 8.
Printing means. H. E. Sheeler and R. O. Engelauf. 2,199,973; May 7.
Printing means for registers, accounting, and the like machines. E. Breitling and G. Topel. 2,210,021; Aug. 6.
Printing mechanism. F. L. Fuller and H. S. Beattie. 2,199,561; May 7.
Printing mechanism. A. E. Long. 2,203,168; June 4.
Printing mechanism. W. G. Read. 2,211,910; Aug. 20.
Printing mechanism. C. C. Smith and R. M. Johnson. 2,189,046; Feb. 6.
Printing mechanism for meter counters. W. F. Berck. 2,204,922; June 18.
Printing mechanism for multiple-record recorders. F. Moore. 2,191,673; Feb. 27.
Printing mechanism for tabulating machines. R. E. Paris. 2,189,044; Feb. 6.
Printing method. W. W. Maher and C. G. Schoof. 2,192,924; Mar. 12.
Printing, Method of and apparatus for. W. L. Jones. 2,217,620; Oct. 8.
Printing method, Two-tone gravure. F. George. 2,187,420; Jan. 6.
Printing, Multicolor. F. Weiss. 2,214,687; Sept. 10.
Printing on asphaltic compositions. J. T. Hargrave. 2,186,756; Jan. 9.
Printing on metal. E. T. Digby. 2,186,858–9; Jan. 9.
Printing paste for printing textiles. C. Graenacher and P. Streuli. 2,225,004; Dec. 17.
Printing plate. A. W. Bauer. 2,193,800; Mar. 19.
Printing plate. A. C. Hardy. 2,190,185–6; Feb. 13.
Printing plate. C. J. Rohland. 2,213,568; Sept. 3.
Printing plate. H. A. Skov. 2,197,084; Apr. 16.
Printing plate. M. C. Taylor. 2,218,011; Oct. 15.
Printing plate. A. R. Trist. 2,203,849; June 11.
Printing plate and actuating means therefor, Multiple. F. Shurley. 2,186,914; Jan. 9.
Printing plate and attaching means. J. Schmutz. 2,189,682; Feb. 6.
Printing plate and making same. J. D. Kreis. 2,200,363; May 14.
Printing plate and method of and apparatus for producing it. J. A. Bennett. 2,209,183; July 23.
Printing plate and producing same, Electrotype. B. F. Atwood. 2,222,013; Nov. 19.
Printing plate clamp. C. C. Sweet. 2,224,555; Dec. 10.
Printing plate composition. C. E. Boutwell. 2,219,587; Oct. 29.
Printing plate cooler. C. Bush. 2,218,417; Oct. 15.
Printing plate mounting. W. F. Brugmann. 2,210,749; Aug. 6.
Printing plate with smudgeproof edges. W. J. Champion and J. Bjorksten. 2,225,736; Dec. 24.
Printing plates, Graining intalgio and gravure. H. R. Jacquerod and J. H. Gibson. 2,210,923; Aug. 13.
Printing plates, Manufacture of. M. Sorkin. 2,222,991; Nov. 26.
Printing plates, Method and apparatus for producing. E. J. Tilton. 2,191,945; Feb. 27.
Printing plates, Preparation of. A. Schlesinger. 2,198,017; Apr. 23.
Printing plates, Preparing photocollographic. J. MacBride. 2,226,314; Dec. 24.
Printing press. C. S. Crafts. 2,193,089; Mar. 12.
Printing press. G. Goebel and E. A. Wilckens. 2,205,720; June 25.
Printing press. J. A. Hollander. 2,217,800; Oct. 15.
Printing press. W. R. Hotchkiss. 2,207,460; July 9.
Printing press. H. C. Jordhoy. 2,195,149; Mar. 26.
Printing press. W. M. Kelly. 2,218,151; Oct. 15.
Printing press. M. Kollner. 2,205,566; June 25.
Printing press. G. L. Pierce. 2,214,751; Sept. 17.
Printing press. L. Q. Presby. 2,213,130; Aug. 27.
Printing press. L. Q. Presby. 2,226,515; Dec. 24.
Printing press. A. Stobb. 2,209,482; July 30.
Printing press. J. D. Tyler. 2,224,886; Dec. 17.
Printing press, Hand operated. J. R. Swift and R. W. Redin. 2,190,740; Feb. 20.
Printing press, Oscillating cylinder flat bed variable sheet. P. F. Cox. 2,206,879; July 9.
Printing press, Rotary. C. A. Harless. 2,188,148; Jan. 23.
Printing press, Rotary intaglio. H. M. Barber. 2,212,820; Aug. 27.
Printing press, Rotary photogravure. C. S. Crafts. 2,207,785; July 16.
Printing press, Rotary sheet metal offset. W. Mailänder. 2,226,315; Dec. 24.
Printing press, Rotary web. H. M. Barber. 2,216,562; Oct. 1.
Printing press, Sheet-fed. A. Stobb. 2,195,545; Apr. 2.
Printing press, Web-fed. C. J. MacArthur. 2,201,008; May 14.
Printing process. A. L. Lengel. 2,202,529; May 28.
Printing process and ink therefor. R. T. K. Cornwell. 2,226,848; Dec. 31.
Printing, Process of. P. H. Durup and J. J. Ormond. 2,208,045; July 16.
Printing, Process of and apparatus for. W. C. Huebner. 2,224,391; Dec. 10.
Printing ring. C. J. Rohland. 2,211,794; Aug. 20.
Printing roll. P. H. Durup. 2,208,047; July 16.
Printing roll control, Automatic. J. C. Walker. 2,224,714; Dec. 10.
Printing rolls, Manufacture of. M. M. Safford. 2,204,383; June 11.
Printing telegraph apparatus. S. S. Auchincloss. 2,201,641; May 21.
Printing telegraph apparatus. C. W. Burcky. 2,189,541; Feb. 6.
Printing telegraph apparatus. C. W. Burcky. 2,216,337; Oct. 1.
Printing telegraph apparatus. D. F. De Wolfe. 2,189,102; Feb. 6.
Printing telegraph apparatus. M. Dressler and W. Skawran. 2,223,820; Dec. 3.
Printing telegraph apparatus. H. L. Krum and C. W. Swan. 2,193,970; Mar. 19.
Printing telegraph apparatus. H. Lottermann. 2,224,546; Dec. 10.
Printing telegraph circuit. F. G. Hallden. 2,207,058; July 9.
Printing telegraph system. G. A. Locke. 2,225,648; Dec. 24.
Printing telegraph transmitting mechanism. K. R. Schneider and C. J. Fitch. 2,220,498; Nov. 5.
Printing transferring machine. A. W. Mills. 2,189,043; Feb. 6.
Prints and dyeing with ester salts of leuco vat dyestuffs, Producing. E. Tschan. 2,193,749; Mar. 12.
Prints, Making colored. A. M. Gundelfinger and L. S. Trimble. 2,218,001; Oct. 15.

Prints, Making silver-free three-color. K. and L. Schinzel. 2,213,745; Sept. 3.
Prints, Producing montage type. L. A. Morris. 2,221,004; Nov. 12.
Prints, Production of photographic diazotype. W. Leuch. 2,209,087; July 23.
Prints, Washing of discharge. S. Lenher and J. E. Smith. 2,189,807; Feb. 13.
Prism attachment for cameras. J. A. Valentine. 2,194,059; Mar. 19.
Prismatic reflecting structure. C. D. Ryder. 2,216,325; Oct. 1.
Privacy system. R. C. Mathes, E. Peterson, and H. W. Dudley. 2,213,320; Sept. 3.
Process control. P. F. K. Erbguth and R. A. F. Sandberg. 2,204,532; June 11.
Processing machine. L. R. Thomas. 2,188,782; Jan. 30.
Prod, Electric animal. E. S. Jefferson. 2,204,041; June 11.
Produce, Aeration of. K. W. Hall. 2,213,582; Sept. 3.
Produce coating compositions. W. H. Tisdale and A. L. Flenner. 2,213,557; Sept. 3.
Producing monovinyl acetylene. H. Berg, H. Heim, and F. Leiss. 2,222,394; Nov. 19.
Product and process for its production. J. D. Guthrie. 2,216,173; Oct. 1.
Product and producing same, Artificial. F. M. Meigs. 211,961; Aug. 20.
Product possessing sterilizing properties and method of application. L. H. Flett. 2,205,558; June 25.
Production machine. W. Sinclair. 2,216,141; Oct. 1.
Products containing valuable hydrocarbons or their derivatives, Preparation of. F. Duftschmid, E. Linckh and F. Winkler. 2,207,581; July 9.
Products for fixing tanning agents and carrying out this fixing. A. Voss and W. Pense. 2,214,629; Sept. 10.
Products from tall oils, Refining and obtaining valuable. F. H. Gayer and C. E. Fawkes. 2,223,850; Dec. 3.
Products of high wetting power from aliphatic ketones, Producing. W. Schowalter, H. Haussmann, M. Neber, H. Keppler, and R. Schroeter. 2,218,660; Oct. 22.
Products of sulphur dioxide and olefins, Preparation of resinous reaction. F. E. Frey and L. H. Fitch, Jr. 2,192,466; Mar. 5.
Products with bleed color pages facing each other, Producing folded. J. E. Meyer. 2,195,823; Apr. 2.
Products with liquid agents, Impregnating. C. J. Merriam. 2,188,371; Jan. 30.
Profile generating mechanism. S. J. Harley and G. Olah. 2.220,648; Nov. 5.
Profiling attachment. J. Lindig. 2,219,232; Oct. 22.
Profilograph. M. L. Devol. 2,205,517; June 25.
Program apparatus. L. M. Plym and M. W. Newcomb. 2,224,609; Dec. 10.
Program control. W. J. Hughes. 2,217,751; Oct. 15.
Program switching system. A. E. Bachelet. 2,198,326; Apr. 23.
Projectile. P. E. J. Denoix. 2,206,809; July 2.
Projectile. P. R. De Wilde and C. Kaufmann. 2,217,645; Oct. 8.
Projectile, Aerial. H. W. Osgood. 2,213,637; Sept. 3.
Projectile, Automatically operable. W. L. Roessner. 2,218,857; Oct. 22.
Projectile from the muzzle of a gun barrel, Detecting emergence of a. N. K. Turnbull and J. V. Dunham. 2,206,927; July 9.
Projectiles, Method and apparatus for sizing and finishing. A. J. Langhammer. 2,226,002; Dec. 24.
Projecting apparatus. R. G. Mobarry and J. B. Dabney. 2,202,061; May 28.
Projecting device for games. F. R. Stearns. 2,225,241; Dec. 17.
Projection apparatus. A. A. Cook. 2,225,035; Dec. 17.
Projection apparatus. P. Krupnik. 2,208,944; July 23.
Projection apparatus. H. F. Kurtz. 2,214,376; Sept. 10.
Projection apparatus. H. Mulch. 2,188,954; Feb. 6.
Projection apparatus. W. M. Thomas. 2,192,529; Mar. 5.
Projection apparatus. P. M. van Alphen. 2,195,392; Mar. 26.
Projection apparatus for colored transparencies or the like. F. C. Worth. 2,194,240; Mar. 19.
Projection device. P. U. Lannerd. 2,214,468; Sept. 10.
Projection device, Electric. D. K. Wright. 2,190,528; Feb. 13.
Projection machine, Stock quotation. A. D. Eitzen. 2.209,393; July 30.
Projection optical system. H. S. Newcomer. 2,193,465; Mar. 12.
Projection screen. B. M. Bodde. 2,216,901; Oct. 8.
Projection screen. T. W. Sukumlyn. 2,207,835; July 16.
Projection system. K. L. Curtis. Re. 21,387; Mar. 12.
Projection system. J. H. de Boer. 2,227,070; Dec. 31.
Projection system. H. Kudar. 2,222,414; Nov. 19.
Projector. O. W. Bodie. 2,221,753; Nov. 19.
Projector. H. F. Kurtz and B. J. Wolfe. 2,221,920; Nov. 19.
Projector. H. N. Ott. 2,194,366; Mar. 19.
Projector. W. T. Perkins and O. E. Trautmann. 2,200,637; May 14.
Projector. H. Roger. 2,195,425; Apr. 2.
Projector, Animated slide. H. J. Fowler. 2,214,050; Sept. 10.
Projector, Cinematographic. E. A. Paillard. 2,216,478; Oct. 1.
Projector circuit. W. E. Merriman. 2,211,343; Aug. 13.
Projector, Color. H. L. Boynton. 2,217,790; Oct. 15.
Projector, Color wave. M. H. Goldberg. 2,197,637; Apr. 16.
Projector condenser system. K. Räntsch. 2,225,485; Dec. 17.
Projector, Diving. E. F. Hoppes. 2,193,067; Mar. 12.
Projector for game apparatus. J. S. Popper. 2,207,551; July 9.
Projector framing device. H. A. De Vry. 2,200,161; May 7.
Projector, Light. E. J. Whalen. 2,186,439; Jan. 9.
Projector machine, Automatic. V. R. Hokanson. 2,227,259; Dec. 31.
Projector, Motion picture. K. Brenkert. 2,194,585; Mar. 26.
Projector, Motion picture. K. Brenkert. 2,211,364; Aug. 13.
Projector, Motion picture. O. W. Githens, G. Kende, and E. M. Porter. 2,190,658; Feb. 20.
Projector, Motion picture. O. W. Githens, G. Kende, and E. M. Porter. 2,221,089; Nov. 12.
Projector, Motion picture. M. Sassoli. 2,213,613; Sept. 3.
Projector, Multiple motion picture. H. J. Streyckmans. 2,206,134; July 2.
Projector, Picture. B. C. Haskin. 2,206,953; July 9.
Projector, Vertical reflecting. J. E. King and V. R Powell. 2,194,797; Mar. 26.
Prolamin solutions and preparing same. J. Martin. 2,206,819; July 2.
Prong extender for a paper fastener. H. D. Snyder. 2,185,231; Jan. 2.
Proofer, Automatic overhead. B. A. Evans. 2,189,243; Feb. 6.
Prop actuating mechanism, Semitrailer. J. J. Black. 2,190,373; Feb. 13.
Prop and light carrier, Mouth. A. G. Wright. 2,201,331; May 21.
Prop and the like, Collapsible pit. W. Sylvester. 2,208,885; July 23.
Prop, Clothesline. R. J. Kroenke and F. Fuller. 2,190,876; Feb. 20.
Prop, Clothesline. B. N. Smith. 2,209,638; July 30.
Prop, Mouth. J. L. Bloomheart. 2,220,674; Nov. 5.
Prop, Pit. W. Hinselmann and C. Tiefenthal. 2,192,079; Feb. 27.
Propane and propylene from gas mixtures, Separation of. P. Feiler. 2,189,062; Feb. 6.
Propane refining process. C. E. Adams. 2,192,253; Mar. 5.
Propellent charge. E. R. Rechel and T. Stevenson. 2,206,048; July 2.
Propellent charge holder. C. G. Storm. 2,210,959; Aug. 13.
Propeller. W. G. Corson. 2,196,104; Apr. 2.
Propeller. K. G. Fraser. 2,219,303; Oct. 29.
Propeller. P. Kessery. Re. 21,634; Nov. 26.
Propeller. P. Kessery. 2,199,823; May 7.
Propeller. R. E. Lorenzen. 2,214,622; Sept. 10.
Propeller. E. Newnham. 2,222,118; Nov. 19.
Propeller. G. E. Rask. 2,215,564; Sept. 24.
Propeller. E. A. Vanetta. 2,196,819; Apr. 9.
Propeller. L. B. Williams. 2,211,996; Aug. 20.
Propeller. O. O. Wiste. 2,196,573; Apr. 9.
Propeller, Aircraft. P. Landrum. 2,205,835; June 25.
Propeller, Airplane. W. H. Kelly. 2,213,497; Sept. 3.
Propeller and making same. W. J. Blanchard. 2,205,132; June 18.
Propeller and the like device, Rotary. A. J. Dekker. 2,186,064; Jan. 9.
Propeller, Automatic variable pitch aircraft. J. N. Gilbert. 2,215,609; Sept. 24.
Propeller balancing means. E. Martin. 2,186,199; Jan. 9.
Propeller blade and material for making same, Air. V. Lougheed. 2,202,014; May 28.
Propeller, Blade wheel. A. Wahl. 2,224,326; Dec. 10.
Propeller blade, Wire. D. S. Fahrney. 2,189,785; Feb. 13.
Propeller blades, Fabricating. J. W. Smith. 2,193,351; Mar. 12.
Propeller blades, Making. G. T. Lampton. 2,221,548; Nov. 12.
Propeller blades, Making aircraft. J. H. McKee. 2,214,338; Sept. 10.
Propeller blades, Making hollow ribbed. J. H. McKee. 2,214,339; Sept. 10.
Propeller blades, Manufacture of. E. F. Gehret. 2,192,008; Feb. 27.
Propeller connection and control. J. B. Reinhard and L. J. Koch. 2,186,992; Jan. 16.
Propeller control means. E. Martin. 2,226,316; Dec. 24.
Propeller control mechanism. E. A. Briner. 2,206,874; July 9.
Propeller control mechanism. C. I. MacNeil and R. T. Zwack. 2,218,760; Oct. 22.
Propeller control mechanism for adjustable and reversible pitch propellers. C. R. Waseige. 2,207,042; July 9.
Propeller control, Variable pitch. J. H. Hammond, Jr., and G. A. Colley. 2,211,775; Aug. 20.
Propeller device. F. Merz. 2,200,427; May 14.

Propeller drive, Aircraft. W. B. Goodman. 2,225,109; Dec. 17.
Propeller drive, Coaxial. G. Caproni. 2,190,254; Feb. 13.
Propeller driving mechanism. M. M. Egan. 2,185,545; Jan. 2.
Propeller driving mechanism, Airplane. G. A. Johnson. 2,222,102; Nov. 19.
Propeller finishing machine. W. H. Ford. 2,211,562; Aug. 13.
Propeller for aircraft. L. Hoffmann. 2,207,200; July 8.
Propeller for airplanes, Collapsible. H. I. A. Dorner. 2,198,475; Apr. 23.
Propeller having an automatically variable pitch. R. Sensaud de Lavaud. 2,221,613; Nov. 12.
Propeller of an aircraft, Arrangement for driving the. F. Neugebauer. 2,196,563; Apr. 9.
Propeller pitch indicator. C. H. Havill. 2,192,790; Mar. 5.
Propeller, Screw. W. Baumann. 2,193,616; Mar. 12.
Propeller, Variable pitch. H. A. Berliner. 2,225,408; Dec. 17.
Propeller, Variable pitch. E. M. Bertran. 2,196,654; Apr. 9.
Propeller, Variable pitch. O. Bonawit. 2,224,640; Dec. 10.
Propeller, Variable pitch. I. H. Driggs. 2,192,934; Feb. 27.
Propeller, Variable pitch. S. A. Farrell. 2,200,952; May 14.
Propeller, Variable pitch airplane. W. S. Taber. 2,197,814; Apr. 23.
Propelling and steering means for boats. G. W. Groves. 2,217,903; Oct. 15.
Propelling device for vehicles. N. J. A. Galliot. 2,224,260; Dec. 10.
Propelling means for aircraft. A. M. and C. Ostrowski. 2,220,658; Nov. 5.
Propelling mechanism. C. A. Massey. 2,218,761; Oct. 22.
Prophylactic, Oral. W. M. McDonald. 2,225,284; Dec. 17.
Proportioner. R. H. Cartier and M. R. Carlton. 2,219,763; Oct. 29.
Proportioner. B. W. Grosvenor and C. P. Griffith. 2,195,005; Mar. 26.
Proportioning apparatus. J. Corydon. 2,218,393; Oct. 15.
Proportioning apparatus. J. Corydon and R. Lowe. 2,190,933; Feb. 20.
Proportioning apparatus. H. Keopold. 2,211,753; Aug. 20.
Proportioning control system. L. L. Cunningham. 2,199,910; May 7.
Propulsion means, especially for aircraft. L. Brunner. 2,218,599; Oct. 22.
Propulsion unit, Reversible. J. A. McGrew. 2,189,471; Feb. 6.
Protecting device. C. Pistorius. 2,198,059; Apr. 23.
Protecting device for automatic multiple spindle machines. R. Eckardt. 2,220,068; Nov. 5.
Protection circuit. F. Schierl. 2,222,784; Nov. 26.
Protection for controlled atmosphere furnaces. E. K. Hansen. 2,205,258; June 18.
Protection for transmission systems, Out-of-step. W. A. Lewis. 2,210,680; Aug. 6.
Protection of alternating current electric systems. W. Köchling. 2,212,399; Aug. 20.
Protective apparatus. K. Heinrich. 2,201,829; May 21.
Protective apparatus. A. R. van C. Warrington. 2,214,866–7; Sept. 17.
Protective arrangement. A. Arnold. 2,191,334; Feb. 20.
Protective arrangement. C. Ryder. 2,203,548; June 4.
Protective arrangement for electric power circuits. C. R. Mason. 2,214,858; Sept. 17.
Protective composition and use thereof. W. C. Wilson and P. H. Yoder. 2,216,362; Oct. 1.
Protective cover. W. D. Cook and R. W. Thomas. 2,201,521; May 21.
Protective cover. B. M. Hoblick. 2,216,367; Oct. 1.
Protective covering for bath tubs, Temporary. G. W. Hall. Re. 21,437; Apr. 30.
Protective device. H. B. Davis. 2,205,972; June 25.
Protective device. L. E. Sauer. 2,224,748; Dec. 10.
Protective device. M. E. Westbrooke. 2,186,597; Jan. 9.
Protective device. E. L. C. White and A. D. Blumlein. 2,222,427; Nov. 19.
Protective device. I. Wolff. 2,197,028; Apr. 16.
Protective device, Face and head. C. E. Bowers. 2,194,492; Mar. 26.
Protective device for clamp screws. H. V. Holman. 2,221,326; Nov. 12.
Protective device for crusher bearings. O. C. Gruender and H. M. Zoerb. 2,224,542; Dec. 10.
Protective device for electric circuits. M. Gossmann. 2,203,867; June 11.
Protective device for electric circuits. A. M. Schmidt. 2,202,719; May 28.
Protective device for electric circuits, Fusible. J. A. McEntee. 2,210,036; Aug. 6.
Protective device for electrical apparatus. H. V. Putman. 2,223,530–1; Dec. 3.
Protective device for electrical apparatus and systems. J. K. Hodnette. 2,223,726; Dec. 3.
Protective device for electrical circuits. E. Posada Zendejas. 2,203,853; June 11.
Protective device for electrical instruments. L. K. Swart. 2,218,629; Oct. 22.
Protective device, Fused. S. R. Smith. 2,223,232; Nov. 26.
Protective device, Fusible. M. B. Wood. 2,224,111; Dec. 3.
Protective device, Guard and road-light. J. R. Glocksine and A. Zucker. 2,197,038; Apr. 16.
Protective device in television receivers. M. von Ardenne. 2,188,290; Jan. 23.
Protective gap-device. J. Slepian. 2,224,749; Dec. 10.
Protective means for electric circuit. G. Müller. 2,188,792; Jan. 30.
Protective motor starting switch. V. G. Vaughan and J. D. Bolesky. 2,207,422; July 9.
Protective system. E. F. W. Alexanderson. 2,222,696; Nov. 26.
Protective system. B. D. Bedford. 2,192,028; Feb. 27.
Protective system. P. E. Knudsen. 2,209,527; July 30.
Protective system. H. S. Ogden. 2,209,826; July 30.
Protective system, Electric. R. C. Buell. 2,207,577; July 9.
Protective system for electric valve translating apparatus. E. F. W. Alexanderson. 2,186,815; Jan. 9.
Protective system for furnace crowns. D. I. Rodenbaugh. 2,217,384; Oct. 8.
Protector: *See*—
Check protector.
Comb protector.
Condenser tube protector.
Drill pipe protector.
Ear protector.
Eave trough protector.
Eye protector
Face protector.
Fender, grille, and light protector.
Glasses and eye protector.
Hat protector.
Head protector.
Mattress protector.
Nail polish protector.
Nose protector.
Pipe thread protector.
Plant protector.
Pocket protector.
Radiator grille protector.
Safety lock protector.
Saw protector.
Shirt and collar protector.
Shoe sole protector.
Skate protector.
Switch point protector.
Telephone protector.
Thread protector.
Ticket protector.
Tree protector.
Tubing protector.
Watch protector.
Windshield protector.
Protector. R. M. Critchfield and A. G. Phelps. 2,194,885; Mar. 26.
Protector. R. B. Euller. 2,226,601; Dec. 31.
Protector. R. W. Jennings. 2,211,822; Aug. 20.
Protector and emergency tank, Combined radiator. P. A. La Delfa. 2,187,976; Jan. 23.
Protector and pusher, Cuticle. A. McKinney. 2,209,167; July 23.
Protector for automobiles, Pneumatic. C. B. Strauch. 2,218,690; Oct. 22.
Protector for footwear, Metal. W. Smit. 2,205,073; June 18.
Protector for highway markings. E. W. Overdorff. 2,208,080; July 16.
Protector for mixing bowls. E. S. Green. 2,193,356; Mar. 12.
Protector for saddles. F. Mesinger. 2,190,992; Feb. 20.
Protector for threadless pipe, End. G. Prince. 2,215,251; Sept. 17.
Protector for tubular objects. H. R. Mazurie. 2,199,749; May 7.
Protector for window. A. Zukor. 2,195,291; Mar. 26.
Protector unit. J. S. Baker. 2,223,540; Dec. 3.
Proteic coating or film upon fiber, textile or the like, Producing. T. Kajita, R. Inoue, and A. Yamamouchi. 2,193,818; Mar. 19.
Protein composition and foam abatement. F. C. Atwood. 2,220,700; Nov. 5.
Protein composition, Thermoplastic. J. Delorme. 2,202,623; May 28.
Protein dispersion, Stabilized aqueous. F. C. Atwood. 2,198,596; Apr. 30.
Protein from cottonseed, Recovery of. R. F. Nickerson. 2,194,835; Mar. 26.
Protein preparation. C. Weizmann. 2,217,264; Oct. 8.
Protein products, Degrading. C. Weizmann. 2,206,622; July 2.
Proteinaceous solutions, Treatment of. F. F. Ogden. 2,212,479; Aug. 20.
Proteins in liquor, Coagulating. C. O. Lavett. 2,188,908; Feb. 6.
Proteohormones with albumen character, Obtaining. E. Rabald and F. Johannessohn. 2,219,791; Oct. 29.
Protractor, Calculating. W. M. Keppers. 2,190,071; Feb. 13.
Protractor, Navigational. J. E. Lawton. 2,210,814; Aug. 6.
Pruner and like tool, Pole. H. W. Porter and F. T. Lind. 2,203,926; June 11.
Pruner or like tool, Hand. F. T. Lind. 2,189,211; Feb. 6.
Pruning apparatus for trees and the like. J. S. Goodman. Re. 21,347; Feb. 13.
Pruning device. G. W. Newman. 2,218,213; Oct. 15.
Pruning implement. S. and J. V. Anderson. 2,215,493; Sept. 24.
Pruning implement. H. B. Bernay. 2,195,045; Mar. 26.
Psychrometric apparatus for direct reading of humidity. J. Crapez. 2,189,857; Feb. 13.
Public address arrangement. B. P. Blaski. 2,208,068; July 16.

Puck, Roll-preventing hockey. A. H. Ross. 2,226,516; Dec. 24.
Puff and making same, Deodorant. W. Langer. 2,187,163; Jan. 16.
Puff iron. C. A. Lindemann. 2,209,822; July 30.
Puff, Nonabsorbent closed cell powder. F. M. Daley. 2,190,376; Feb. 13.
Puffing slag. J. C. K. Stuart and A. H' Vanderburgh. 2,212,962; Aug. 27.
Puller: *See*—
Beet puller.
Cable puller.
Head puller.
Jaw puller.
Nail puller.
Post puller.
Sleeve puller.
Tack puller.
Tool puller.
Weed puller.
Weed root puller.
Wheel puller.
Pulley. J. H. Guyer. 2,212,774; Aug. 27.
Pulley. L. Klein. 2,212,779; Aug. 27.
Pulley. C. M. Livingston. 2,209,737; July 30.
Pulley. O. M. Manning. 2,206,327; July 2.
Pulley. K. F. Nystrom. 2,198,787; Apr. 30.
Pulley. C. C. Peck. 2,221,432; Nov. 12.
Pulley adjustment device. J. Jacque. 2,201,831; May 21.
Pulley assembly. O. Mitchell. 2,188,953; Feb. 6.
Pulley belt gear, Infinitely variable expanding. W. Togel. 2,197,905; Apr. 23.
Pulley block. M. E. Berger. 2,202,184; May 28.
Pulley, Clothesline. M. M. Rabelos. 2,218,854; Oct. 22.
Pulley, Composite. H. R. Moyer. 2,198,831; Apr. 30.
Pulley for speed-changing mechanisms. F. Morella. 2,198,314; Apr. 23.
Pulley for spinning frames, Tape tensioning. G. B. Nutting. 2,192,147; Feb. 27.
Pulley, Jockey. J. Hughes. 2,204,084; June 11.
Pulley, Resilient. J. H. Johanson. 2,196,923; Apr. 9.
Pulley, Self-locking clothesline. F. J. Suter. 2,194,679; Mar. 26.
Pulley supporting device. C. L. Mattison. 2,191,155; Feb. 20.
Pulley, V-belt clutch. C. M. Livingston. 2,209,736; July 30.
Pulley, Variable speed. W. W. Hallinan. 2,210,976; Aug. 13.
Pulley, Variable speed. P. Whitcomb. 2,187,188; Jan. 16.
Pulling device. R. Ladd. 2,191,021; Feb. 20.
Pulling device. P. D. Nielsen. 2,216,091; Sept. 24.
Pulp article, Molded. M. P. and C. J. Chaplin. 2,195,240; Mar. 26.
Pulp articles, Method and apparatus for forming. W. P. Lass. 2,204,276; June 11.
Pulp, Bleaching. F. Casciani. 2,203,212; June 4.
Pulp, Bleaching. C. A. Hampel. 2,195,302; Mar. 26.
Pulp, Bleaching. H. L. Joachim. 2,186,487; Jan. 9.
Pulp, Bleaching. F. G. Rawling. 2,203,205; June 4.
Pulp, Bleaching. M. C. Taylor and G. P. Vincent. 2,194,956; Mar. 26.
Pulp bleaching and refining process. H. R. Murdock. 2,186,034; Jan. 9.
Pulp bleaching apparatus. G. H. Tomlinson. 2,198,709; Apr. 30.
Pulp density regulator. J. A. Adams. 2,204,644; June 18.
Pulp from southern pine, Manufacturing tall-oil-free. T. Hasselstrom. 2,186,295; Jan. 9.
Pulp liquor and the product thereof, Concentrating and dialyzing waste. F. K. Daniel. 2,201,812; May 21.
Pulp, Manufacture and refining of. W. P. Gruendler. 2,207,194; July 9.
Pulp molding die. E. L. Shepard. 2,192,937; Mar. 12.
Pulp producing apparatus. H. R. Simonds. 2,223,877; Dec. 3.
Pulp, Producing cellulosic. T. L. Dunbar. 2,195,378; Mar. 26.
Pulp, Purifying wood. A. N. Parrett and E. H. Woodruff. 2,225,159; Dec. 10.
Pulp, Purifying wood. L. M. Sheldon and L. E. Goff. 2,198,065; Apr. 23.
Pulp screen, Vertically vibrating diaphragm. J. R. Dunbar. 2,206,348; July 2.
Pulpstone. C. L. Leafe. 2,201,734; May 21.
Pulpstone. C. L. Leafe. 2,205,296; June 18.
Pulp tester. R. C. Angell. 2,200,321; May 14.
Pulping process. F. C. Peterson and L. E. Wise. 2,192,202; Mar. 5.
Pulping process. F. C. Peterson and L. E. Wise. 2,218,479; Oct. 15.
Pulps, Treatment of. W. A. Stedman. Re. 21,502; July 2.
Pulsating pressure device. G. R. Ericson. 2,214,922; Sept. 17.
Pulsator for milking machines. F. G. Hodsdon. 2,211,012; Aug. 13.
Pulsator, Milking machine. J. L. Hulbert. 2,211,123; Aug. 13.
Pulsator of bellows type. E. A. Forsberg. 2,219,952; Oct. 29.
Pulsator, Vacuum pressure. L. Dinesen. 2,222,811; Nov. 26.
Pulse generator, Synchronizing. W. J. Poch. 2,212,648; Aug. 27.
Pulse phasing apparatus. J. J. Hugon. 2,208,422; July 16.
Pulverization system. M. Frisch. 2,189,312; Feb. 6.
Pulverizer. R. D. Conway. 2,185,331; Jan. 2.
Pulverizer. C. T. Elderkin. 21,523; Aug. 6, 1940.
Pulverizer. L. W. Heller. 2,220,104–5; Nov. 5.
Pulverizer. J. C. Hobbs. 2,214,832; Sept. 17.
Pulverizer. J. Ives. 2,209,696; July 30.
Pulverizer. L. W. Jesson and G. C. Nellist. 2,217,118; Oct. 8.
Pulverizer. C. J. Peterson. 2,199,729; May 7.
Pulverizer, Centrifugal fluid jet. A. C. Hobbie. 2,191,095; Feb. 20.
Pulverizer, Cinder. C. G. Hawley. 2,186,414; Jan. 9.
Pulverizer, Rock. N. L. Matthews. 2,209,344; July 30.
Pulverizing and separating machine. G. H. Fraser. 2,188,346; Jan. 30.
Pulverizing mill. P. Swartz. 2,204,057; June 11.
Pulverizing system. H. H. Mandle. 2,194,026; Mar. 19.
Pump: *See*—
Balanced gear pump.
Breast pump.
Carburetor accelerating pump.
Centrifugal pump.
Chemical pump.
Deep well pump.
Dispensing pump.
Double-acting reciprocating pump.
Duplex pump.
Dusting pump.
Expansion well pump.
Fluid lift pump.
Fluid operated pump.
Fluid pump.
Fuel injection pump.
Fuel oil pump.
Fuel pump.
Fuel supply pump.
Gas pump.
Gear pump.
High vacuum pump.
High vacuum vapor jet pump.
Horizontally reciprocating pump.
Hydraulic pump.
Irrigation pump.
Jet pump.
Lubricating pump.
Metering pump.
Motor driven pump.
Motor pump.
Multiple pump.
Multiple unit double casing pump.
Oil well pump.
Plunger pump.
Pneumatic displacement pump.
Pneumatic pump.
Portable adjustable pump.
Reciprocating fluid motor driven pump.
Reciprocating ram pump.
Rotary pump.
Rotary radial piston pump.
Sand pump.
Screw pump.
Siphon pump.
Speed reciprocating pump.
Submersible pump.
Throttling pump.
Toy pump.
Trotting pump.
Turbine pump.
Vacuum pump.
Waste paper stock pump.
Water pump.
Well pump.
Pump. H. E. Adams. 2,195,375; Mar. 26.
Pump. H. E. Adams. 2,223,670; Dec. 3.
Pump. C. R. Alden. 2,193,612; Mar. 12.
Pump. C. H. Antrim and C. H. Teesdale. 2,193,504; Mar. 12.
Pump. E. W. Aspden. 2,203,646; June 4.
Pump. D. B. Baker. 2,197,288; Apr. 16.
Pump. F. Barfod. 2,221,071; Nov. 12.
Pump. R. R. Boyles and E. A. Wilhelm. 2,207,575; July 9.
Pump. A. T. Bremser. 2,207,337; July 9.
Pump. B. H. Clements. 2,212,436; Aug. 20.
Pump. J. Corydon and R. Lowe. 2,185,784; Jan. 2.
Pump. F. W. Davis. 2,206,079; July 2.
Pump. T. V. Dillström. 2,223,755–9; Dec. 3.
Pump. T. V. Dillström. 2,227,127; Dec. 31.
Pump. M. W. Ditto. 2,215,827; Sept. 24.
Pump. C. C. English. 2,222,706; Nov. 26.
Pump. M. E. Gates. 2,188,003; Jan. 23.
Pump. R. G. Gracey. 2,213,927; Sept. 3.
Pump. G. W. Harry. 2,203,464; June 4.
Pump. F. J. Heideman. 2,215,700; Sept. 24.
Pump. A. G. Horvath. 2,198,722; Apr. 30.
Pump. F. T. Irgens. 2,212,939; Aug. 27.
Pump. S. Jencick. 2,222,869; Nov. 26.
Pump. I. C. Jennings. 2,192,915; Mar. 12.
Pump. I. C. Jennings. 2,195,174; Mar. 26.
Pump. J. P. Johnson. 2,202,911; June 4.
Pump. S. Karasick. 2,208,273; July 16.
Pump. S. E. Larson. 2,203,828; June 11.
Pump. D. Matheson. 2,193,930; Mar. 19.
Pump. F. H. Messinger. 2,226,008; Dec. 24.
Pump. H. Neibert. 2,220,538; Nov. 5.
Pump. J. Ogrinc. 2,222,954; Nov. 26.
Pump. E. Orshansky, Jr. 2,218,406; Oct. 15.
Pump. W. D. Owsley. 2,216,573; Oct. 1.
Pump. W. T. Robertson. 2,190,535; Feb. 13.
Pump. T. R. Rymal. 2,191,861; Feb. 27.
Pump. G. S. Shupe. 2,215,164; Sept. 17.
Pump. H. C. Sktich. 2,208,057; July 16.
Pump. T. F. Stacy. 2,205,913; June 25.
Pump. R. Stevens. 2,215,138; Sept. 17.
Pump. N. C. Storey. 2,211,526; Aug. 13.
Pump. F. E. Twiss. 2,192,512; Mar. 5.
Pump. R. A. Weinhardt. 2,203,974; June 11.
Pump actuating mechanism for rail lubricators. S. E. Bates, T. E. Rodman, and E. Overmier. 2,223,714; Dec. 3.
Pump and relief valve, Gear. J. P. Johnson. 2,202,912; June 4.
Pump apparatus, High vacuum H. I. Stoltz. 2,215,256; Sept. 17.
Pump arrangement, Immersion. E. Geiss. 2,225,338; Dec. 17.
Pump assembly. R. Bunch. 2,188,646; Jan. 30.
Pump assembly, Gear shaft. J. Deckert, Jr. 2,193,394; Mar. 12.

Pump bottom, Sand. G. W. Miller. 2,215,710; Sept. 24.
Pump compressor and similar machine. F. A. Laythorpe. 2,193,177; Mar. 12.
Pump construction, Fluid. H. D. Collins. 2,193,020; Mar. 12.
Pump control system, Suction dredge. D. L. Hofer. 2,224,295; Dec. 10.
Pump device. G. R. Ericson. 2,188,503; Jan. 30.
Pump for chemical materials. R. L. Nelson. 2,192,325; Mar. 5.
Pump for compressible fluids. P. M. Sartell. 2,190,245; Feb. 13.
Pump for concrete, mortar, and the like. R. Londais. 2,206,613; July 2.
Pump for Diesel engines, Fuel injection. K. J. De Juhasz. 2,187,732; Jan. 23.
Pump for Diesel internal combustion engines, Injector. H. McIntyre. 2,225,788; Dec. 24.
Pump for flumes and the like, Reversible. R. O. Couch. 2,212,113; Aug. 20.
Pump for hydraulic jack systems. C. A. Potts. 2,222,467; Nov. 19.
Pump for internal combustion engines, Injection. M. Hurst. 2,214,766; Sept. 17.
Pump for internal combustion engines, Injection. M. Hurst and O. Beck. 2,222,593; Nov. 26.
Pump for liquefying gases. C. L. Robinson. 2,211,029; Aug. 13.
Pump for liquid fuels, Vacuum. R. M. Gragg. 2,192,681; Mar. 5.
Pump for liquid pressure remote control systems. F. V. Brown. 2,205,828; June 25.
Pump for popcorn machines, Oil. V. E. Girerd. 2,220,645; Nov. 5.
Pump for the internal combustion engines of the Diesel type, Liquid fuel injection. K. Uccusic and C. A. Hearley. 2,195,946; Apr. 2.
Pump for wells, Double acting. G. W. Walker. 2,193,150; Mar. 12.
Pump governor. J. H. Ashland. 2,193,705; Mar.. 12.
Pump, injection and spray jet for use with internal combustion engine, Combined fuel. A. R. F. Raven. 2,197,944; Apr. 23.
Pump jack. R. H. Demmler. 2,197,018; Apr. 16.
Pump jack. F. H. Eckert. 2,200,790; May 14.
Pump jack. J. Lundgren. 2,196,774; Apr. 9.
Pump motor, Submersible. J. B. Hawley, Jr. 2,218,003; Oct. 15.
Pump of the single rotor type, Rotary. B. M. Staley. 2,216,053; Sept. 24.
Pump of thermic-dynamical action, Fluid pressure. E. Taglio. 2,189,969; Feb. 13.
Pump or engine, Rotary. W. Czarnecki. 2,195,812; Apr. 2.
Pump or motor. F. Burghauser. 2,188,702; Jan. 30.
Pump or motor. W. Ernst. 2,209,224; July 23.
Pump or motor. E. L. Rose and C. E. Grosser. 2,206,305; July 2.
Pump or motor, Fluid pressure power. E. K. Benedek. 2,213,236; Sept. 3.
Pump or motor, Hydraulic. E. K. Benedek. 2,189,773; Feb. 13.
Pump or motor, Hydraulic. M. K. Ingoldby. 2,225,911; Dec. 24.
Pump or motor, Multistage dual shaft hydraulic. E. K. Benedek. 2,208,568; July 23.
Pump or motor, Rotary. T. W. Edixhoven. 2,212,497; Aug. 27.
Pump or motor, Rotary. R. J. Smith. 2,225,803; Dec. 24.
Pump output regulator. J. Mercier. 2,188,463; Jan. 30.
Pump piston. E. St. E. Kilby. 2,208,461; July 16.
Pump plunger. H. Grad. 2,220,822; Nov. 5.
Pump plunger. V. Mancuso. 2,220,821; Nov. 5.
Pump point. B. R. Tryce. 2,188,124; Jan. 23.
Pump pulsation absorbing device, Hydraulic. F. J. Spang. 2,214,683; Sept. 10.
Pump runner assembly. O. Jacobsen. Re. 21,541; Aug. 27.
Pump runner assembly. O. Jacobsen. 2,223,212; Nov. 26.
Pump stroke gauge. J. L. Edelen. 2,207,396; July 9.
Pump structure. H. E. Kempton. 2,226,285; Dec. 24.
Pump system for injection internal combustion engines, Fuel delivery. J. F. Janssen. 2,215,469; Sept. 24.
Pump trap. C. E. Black. 2,188,425; Jan. 30.
Pump valve. W. T. Birch. 2,197,606; Apr. 16.
Pump valve. J. H. Butler. 2,220,392; Nov. 5.
Pump valve. E. E. Greve. 2,226,972; Dec. 31.
Pump with axial movement of the shaft, Centrifugal. P. Bungartz. 2,209,109; July 23.
Pump with dual impeller, Centrifugal. O. Jacobsen. 2,219,390; Oct. 29.
Pumping and separating mechanism. C. P. Griffith. 2,213,857; Sept. 3.
Pumping apparatus. J. M. Bartholomew. 2,221,855; Nov. 19.
Pumping apparatus. N. E. Dell. 2,217,796; Oct. 15.
Pumping apparatus. A. D. Ferguson. 2,221,789; Nov. 19.
Pumping apparatus. J. S. Fuller. 2,189,893; Feb. 13.
Pumping apparatus. H. E. Grau. 2,186,968; Jan. 16.
Pumping apparatus. A. E. Hambly. 2,186,970; Jan. 16.
Pumping apparatus. A. E. Hambly. 2,204,854; June 18.
Pumping apparatus. A. Hollander. 2,187,972; Jan. 23.
Pumping apparatus. A. Hollander and W. F. Mayer. 2,186,972; Jan. 16.
Pumping apparatus. M. E. Jennings. 2,213,248; Sept. 3.
Pumping apparatus. V. G. Klein and W. S. Jordan. 2,221,585; Nov. 12.
Pumping apparatus. W. F. Mayer. 2,186,983; Jan. 16.
Pumping apparatus. W. F. Mayer. 2,212,667; Aug. 27.
Pumping apparatus. W. F. Mayer. 2,217,960; Oct. 15.
Pumping apparatus. C. M. O'Leary. 2,218,214; Oct. 15
Pumping apparatus. W. W. Paget. 2,186,492; Jan. 9.
Pumping apparatus. W. W. Paget. 2,200,291; May 14.
Pumping apparatus. J. S. Parenti. 2,222,823; Nov. 26.
Pumping apparatus. J. B. Replogle. 2,198,506; Apr. 23.
Pumping apparatus. H. A. Thrush. 2,207,183; July 9.
Pumping apparatus. E. Topanelian, Jr. 2,202,439; May 28.
Pumping apparatus. W. H. Wineman. 2,224,463; Dec. 10.
Pumping apparatus and method, Oil. B. Olsson. 2,210,123; Aug. 6.
Pumping apparatus for grease and the like. C. W. Ginter. 2,221,763; Nov. 19.
Pumping apparatus, Hydraulic. J. M. and A. M. Gurley. 2,186,411; Jan. 9.
Pumping apparatus on oil wells, Method and apparatus for automatically counterbalancing. W. E. Saxe. 2,196,816; Apr. 9.
Pumping apparatus, Variable capacity. A. Hollander. 2,215,505; Sept. 24.
Pumping assembly. R. A. Gulick. 2,223,869; Dec. 3.
Pumping device. C. Jacuzzi. 2,205,121; June 18.
Pumping mechanism. M. J. Fulton. 2,210,401; Aug. 6.
Pumping mechanism. C. O. Thomas. 2,209,617; July 30.
Pumping mechanism, Air pressure. W. B. Havens. 2,223,417; Dec. 3.
Pumping mechanism for internal combustion engines, Petrol supply. W. Cull. 2,223,675; Dec. 3.
Pumping mechanism, Removable. S. A. Guiberson, III. 2,227,132; Dec. 31.
Pumping power. R. E. Leonard and H. Gearing. 2,208,590; July 23.
Pumping power. W. C. Trout and F. Graham. 2,221,292; Nov. 12.
Pumping structure. F. A. Carpenter. 2,203,077; June 4.
Pumping system. H. J. Berry. 2,206,447; July 2.
Pumping system. F. A. Carpenter. 2,212,010; Aug. 20.
Pumping system. A. Peterson. 2,194,054; Mar. 19.
Pumping unit. H. A. Holzer. 2,190,070; Feb. 13.
Pumping unit. H. A. Holzer. 2,203,148; June 4.
Pumps, Apparatus for testing the output of. L. Hartridge. 2,185,943; Jan. 2.
Punch and die assembly, Perforating. L. V. and S. A. Whistler. 2,212,678; Aug. 27.
Punch and printer, Card. E. J. Von Pein. 2,195,844; Apr. 2.
Punchboard, Automatic. T. A. Thompson and A. S. Hutchinson. 2,193,948; Mar. 19.
Punch, die, and press assembly. E. S. Cornell, Jr. 2,199,830; May 7.
Punch for perforating sheet metal. C. Scull. 2,214,701; Sept. 10.
Punch, Metal. J. H. Abramson and E. C. Swanson. 2,221,904; Nov. 19.
Punch operating mechanism. D. A. Benner. 2,222,064; Nov. 19.
Punch or tool holding apparatus. B. C. Rost. 2,188,633; Jan. 30.
Punch, Portable. D. A. Benner. 2,202,513–4; May 28.
Punch press. B. Grady. 2,192,531; Mar. 5.
Punch press. F. E. and G. E. Munschauer. 2,213,451; Sept. 3.
Punch press. G. E. and F. E. Munschauer. 2,213,450; Sept. 3.
Punch press tool. V. R. Heftler. 2,204,592; June 18.
Punch press with balanced rams. J. M. Schmied. 2,211,-864; Aug. 20.
Punch, Record controlled. S. Brand. 2,209,107; July 23.
Punch removing device. C. C. Richard. 2,215,015; Sept. 17.
Punch, Self-cleaning. D. E. Stromberg and J. E. Carlson. 2,191,836; Feb. 27.
Punch, Statistical card. K. J. Braun. 2,211,093; Aug. 13.
Punch, Statistical card. W. F. Kelley. 2,203,355; June 4.
Punch stripping device. F. A. Hyatt. 2,225,342; Dec. 17.
Punch support. W. Ruthven. 2,197,349; Apr. 16.
Punch, Ticket. H. C. Hart. 2,191,382; Feb. 20.
Punching and printing device. W. A. Ayres. 2,189,023; Feb. 6.
Punching and verifying device, Strip. E. F. Ruche. 2,210,779; Aug. 6.
Punching device. A. G. Henry. 2,224,079; Dec. 3.
Punching machine. R. T. Blakely. 2,185,685; Jan. 2.
Punching machine. W. B. Dunlap. 2,204,405; June 11.
Punching machine. O. P. Haegele. 2,220,236; Nov. 5.
Punching machine. E. J. Von Pein and P. J. Schlessiger. 2,217,209; Oct. 8.
Pupillometer. E. E. Warner. 2,197,139; Apr. 16.
Purging apparatus and method of use. M. R. Kondolf. 2,202,010; May 28.

Purifier, Air. W. J. Fricke. 2,195,565; Apr. 2.
Purification of petroleum contaminated waters. R. A. Stevenson. 2,217,143; Oct. 8.
Purse. H. E. Bouges. 2,200,147; May 7.
Purse and billfold, Combination change. A. P. Coolbroth. 2,219,511; Oct. 29.
Purse, Coin. N. H. Swanson. 2,185,359; Jan. 2.
Push bar. E. R. Erickson. 2,225,211; Dec. 17.
Push-broom-type vacuum cleaner. W. Leathers. 2,187,164; Jan. 16.
Push-button control, Mechanical. J. H. Clements. 2,205,844; June 25.
Push button switch. H. Catron and D. J. Chapman. 2,223,673; Dec. 3.
Pushbutton switch. A. Gibson. 2,221,047; Nov. 12.
Push button tuning device. H. J. Tyzzer. 2,222,789; Nov. 26.
Push-pull connected high frequency stage. H. Hornung, H. Dirks, and M. Schrumpf. 2,215,790; Sept. 24.
Pusher. S. B. Martin. 2,187,089–90; Jan. 16.
Pusher. S. B. Martin. 2,218,402; Oct. 15.
Pusher car. E. W. Taylor. 2,199,470; May 7.
Putty, Wood. L. C. Sohngen. 2,204,324; June 11.
Puttying tool. T. C. Pasanen. 2,220,119; Nov. 5.
Puzzle. J. D. Boyle. 2,207,778; July 16.
Puzzle. E. T. Johnson. 2,216,915; Oct. 8.
Puzzle. N. H. Swanson. 2,198,444; Apr. 23.
Puzzle, Mathematical. J. R. Bartelt. 2,202,078; May 28.
Pyelographic preparation. A. Salomon. 2,191,118; Feb. 20.
Pyrazolone derivatives. M. Schmid. 2,211,293; Aug. 13.
Pyrazolones and preparing same. M. Schmid. 2,211,294; Aug. 13.
Pyridine carboxylic acid morpholides. G. A. Langlois and A. M. Deloison. 2,188,244; Jan. 23.
Pyridine composition for treatment of blue mold in plants and seed beds. P. P. Purdum. 2,219,847; Oct. 29.
Pyridine derivatives. I. M. Heilbron, G. H. Hey, and J. W. Haworth. 2,211,947; Aug. 20.
Pyridinium compounds, Manufacture of. V. Kartaschoff and W. Steinemann. 2,192,085; Feb. 27.
Pyrimidine compound. K. Westphal. 2,219,858; Oct. 29.
Pyrimidine compound. R. R. Williams. 2,194,190; Mar. 19.
Pyrolysis apparatus. R. L. Hasche. 2,196,767; Apr. 9.
Pyrometer structure. H. W. Dietert. 2,223,408; Dec. 3.
Pyrometer tube. C. E. Noble. 2,187,949; Jan. 23.
Pyrometry, Radiation. J. C. Peters. 2,199,082; Apr. 30.
Quartz element, Piezoelectric. C. F. Baldwin and S. A. Bokovoy. 2,212,139; Aug. 20.
Quaternary ammonium compounds and intermediates therefor, Preparing. W. V. Wirth and R. F. Deese, Jr. 2,212,654; Aug. 27.
Quaternary indole derivatives and their manufacture. K. Engel and K. Pfaehler. 2,211,771; Aug. 20.
Quick acting clamp. J. H. Harrison. 2,197,128; Apr. 16.
Quick acting door. A. L. Lambert. 2,209,060; July 23.
Quick acting obturating flap valve. M. A. Sertillange. 2,221,269; Nov. 12.
Quick break air operated switch. J. W. Lawson. 2,192,793; Mar. 5.
Quick coupling. F. A. McDonald. 2,195,492; Apr. 2.
Quick detachable coupling. W. H. Miller. 2,226,826; Dec. 31.
Quick opening and closing valve. A. Werner. 2,225,541; Dec. 17.
Quill tensioning means. S. Johnson. 2,192,405; Mar. 5.
Quilt or the like and making, Bed. F. E. Katzner. 2,217,621; Oct. 8.
Quilting frame. W. Imhoff. 2,214,418; Sept. 10.
Quilting frame. R. A. and I. Roberts. 2,198,128; Apr. 23.
Quinaldine dye intermediates and quinophthalone dyes thereof. L. P. Kyrides. 2,211,662; Aug. 13.
Quinoline derivatives, Synthesis of. F. D. Dodge. 2,211,538; Aug. 13.
Quinuclidine and derivatives thereof, Preparing. V. Prelog. 2,192,840; Mar. 5.
Quiz device. D. S. Baker. 2,213,974; Sept. 10.
Quotation system. H. F. May and F. O. Stratton. 2,202,392; May 28.
Racing machine. A. R. Casstevens. 2,202,572; May 28.

Rack: *See*—
- Apparel rack.
- Bag rack.
- Baking pan rack.
- Book rack.
- Bottle cooling rack.
- Can rack.
- Car floor rack.
- Clothes rack.
- Coin rack.
- Container and display rack.
- Cordage display rack.
- Display rack.
- Floor rack.
- Floral display rack.
- Foldable rack.
- Hand dipping rack.
- Knife and saw rack.
- Money rack.
- Music rack.
- Necktie rack.
- Oven rack.
- Refrigerator car floor rack.
- Retractable bomb rack.
- Roasting rack.
- Rotary tube rack.
- Shake-out rack.
- Shoe or like rack.
- Sucker rod rack.
- Tie rack.
- Tumbler rack.

Rack. E. Feibelman. 2,206,083; July 2.
Rack. W. A. Horne. 2,212,176; Aug. 20.
Rack. H. J. Salisbury. 2,216,457; Oct. 1.
Rack. D. E. Yochem. 2,208,715; July 23.
Rack and drier, Stereotype matrix. C. G. Hamblen. 2,222,227; Nov. 19.
Rack and lighting fixture, Combination baggage. C. H. Larson, J. L. Mohun, and C. M. Verhagen. 2,217,688; Oct. 15.
Rack and locker, Combination clothes. R. V. Polen. 2,202,427; May 28.
Rack and pinion, Geared. E. W. Patterson. 2,200,292; May 14.
Rack and pinion operating means. E. A. Schottenberg. 2,190,572; Feb. 13.
Rack and support, Display. L. C. Letzkus. 2,222,416; Nov. 19.
Rack covering. A. Di Domenico. 2,221,298; Nov. 12.
Rack for kitchen cabinet, Towel. L. H. Wyman, Sr. 2,211,308; Aug. 13.
Rack for ladies' undergarments, Display. M. A. Wolf. 2,194,191; Mar. 19.
Rack for magazines and other articles. D. W. Jones. 2,226,975; Dec. 31.
Rack for ovens and the like, Slideable. S. H. Hobson. 2,225,991; Dec. 24.
Rack for refrigeration cars, Floor. C. D. Bonsall. 2,214,547; Sept. 10.
Rack for refrigerator cars, Floor. C. D. Bonsall. 2,187,219; Jan. 16.
Rack for refrigerator cars, Floor. C. D. Bonsall. 2,188,171; Jan. 23.
Rack for refrigerator cars, Floor. C. D. Bonsall. 2,188,852; Jan. 30.
Rack for refrigerator cars, Floor. V. E. Sisson. 2,189,385; Feb. 6.
Rack for refrigerator cars, Floor. G. A. Steuber. 2,204,165; June 11.
Rack for taxicabs and other conveyances, Advertising. D. D. Hall. 2,198,727; Apr. 30.
Rack for trucks or the like, Convertible. W. O. Eilert. 2,224,126; Dec. 10.
Rack or holder, Carrier. W. O. Humphries. 2,208,295; July 16.
Rack or stand, Receptacle. S. W. Swanson. 2,205,319; June 18.
Racks, Removably mounting floor. S. B. Haseltine. 2,216,239; Oct. 1.
Racket. H. Goerke. 2,206,548; July 2.
Racket. J. M. and J. B. Le Compte. 2,220,935; Nov. 12.
Racket for tennis and like games. E. H. Aubert. 2,193,526; Mar. 12.
Racket guide, Tennis. R. Salem. 2,189,997; Feb. 13.
Racket handle, Tennis and other like. L. B. Henderson. 2,211,502; Aug. 13.
Racket or the like. M. B. Reach. 2,224,567; Dec. 10.
Racket, Playing. H. W. Hall. 2,201,263; May 21.
Racket press. A. Clowson. 2,196,625; Apr. 9.
Racket stringing apparatus. E. H. Serrano. 2,188,250; Jan. 23.
Radial connecting rod assembly. A. Portmann. 2,188,118; Jan. 23.
Radial cylinder engine. H. D. J. Cantoni. 2,217,669; Oct. 15.
Radial triangulation, Graphic. J. E. King and J. W. Elliott. 2,221,872; Nov. 19.
Radiant and convection superheater, Combined. W. H. Armacost. 2,213,185; Sept. 3.
Radiant energy distance measuring system. W. H. C. Higgins and R. C. Newhouse. 2,206,896; July 9.
Radiant energy distance measuring system. R. F. Lane and R. C. Newhouse. 2,206,903; July 9.
Radiant energy, Method of and apparatus for sensing. D. H. Andrews. 2,189,122; Feb. 6.
Radiant heating means. W. W. Timmis and M. A. Michaels. 2,205,001; June 18.
Radiant tube furnace. J. C. Woodson. 2,193,362; Mar. 12.
Radiation, Measuring for short-wave. A. Trost. 2,222,450; Nov. 19.
Radiation structure, High frequency. R. Herzog. 2,210,666; Aug. 6.
Radiator. C. A. Hammond. 2,203,904; June 11.
Radiator. H. C. Kromas. 2,205,984; June 25.
Radiator. G. M. Maier. 2,196,318; Apr. 9.
Radiator and air cleaner assembly. F. A. Donaldson. 2,203,407; June 4.
Radiator and air deflector, Combined. A. Huet. 2,216,111; Oct. 1.
Radiator and radiator shutter assembly. W. C. Agerell and H. C. Godfrey. 2,217,302; Oct. 8.
Radiator and ventilating system for motor vehicles. W. McGinley. 2,221,985; Nov. 19.
Radiator cap. C. S. Bailey. 2,225,964; Dec. 24.
Radiator cleaning composition and method. R. E. Hall. 2,215,814; Sept. 24.
Radiator cleaning device. J. E. Krobusek. 2,221,803; Nov. 19.
Radiator control for steam heating system. J. W. West. 2,200,729; May 14.
Radiator cores, Apparatus for straightening and squaring. H. S. Munch and M. G. Boerger. 2,185,381; Jan. 2.
Radiator cover. H. T. Kraft. 2,205,661; June 25.
Radiator, Engine. W. J. O'Neail. 2,226,320; Dec. 24.
Radiator filler cap. R. S. Frantz. 2,191,614; Feb. 27.
Radiator flush. P. V. Keyser, Jr. 2,196,264; Apr. 9.
Radiator for heating a forced draft of air. J. E. Mitchell. 2,191,146; Feb. 20.

Radiator grille protector. E. Bagnall. 2,225,364; Dec. 17.
Radiator header. L. B. Nemmer and W. O. Emmons. 2,212,242; Aug. 20.
Radiator, Hot water. A. A. Haas. 2,196,826; Apr. 9.
Radiator manufacture. J. Karmazin. 2,206,286; July 2.
Radiator of a motor vehicle engine, Cooling the. V. Valletta. 2,191,599; Feb. 27.
Radiator, Oil. J. D. Lear. 2,223,662; Dec. 3.
Radiator overflow regulator. J. E. Eshbaugh and N. Walker. 2,191,611; Feb. 27.
Radiator overflow valve. N. Walker. 2,191,636; Feb. 27.
Radiator, Reversible self-cleaning. A. M. Middleton. 2,188,245; Jan. 23.
Radiator ribbon forming machine. S. Przyborowski. 2,223,296; Nov. 26.
Radiator shutter. L. H. Norby. 2,219,051; Oct. 22.
Radiator shutter unit. W. C. Agerell and J. D. Durant. 2,200,733; May 14.
Radiator shutter unit. G. A. Gilbertson. 2,207,147; July 9.
Radiator, Steam. W. R. Clarke. 2,215,173; Sept. 17.
Radiator to a transmission line, Arrangement for matching a high frequency. W. Buschbeck. 2,205,874; June 25.
Radiator, valve, and trap. E. W. Goodwin. 2,188,836; Jan. 30.
Radioactive substances, Production of. E. Fermi, E. Amaldi, B. Pontecorvo, F. Rasetti, and E. Segre. 2,206,634; July 2.
Radio and like receiving apparatus. C. Metcalfe. 2,194,169; Mar. 19.
Radio and other high frequency feeder arrangements. C. S. Franklin. 2,205,250; June 18.
Radio and space radio receiving system, Combined wired. A. Andreatta. 2,215,774; Sept. 24.
Radio and telegraph receiver. D. A. Griffin. 2,186,291; Jan. 9.
Radio antenna. G. Snyder. 2,217,188; Oct. 8.
Radio antenna construction. C. A. Upson. 2,189,155; Feb. 6.
Radio apparatus. A. Blain. 2,203,811; June 11.
Radio apparatus. J. L. Hathaway. 2,217,313; Oct. 8.
Radio apparatus. W. J. Larking, Jr. 2,209,626; July 30.
Radio apparatus. V. C. Macnabb. 2,192,978; Mar. 12.
Radio apparatus. E. F. McDonald, Jr. 2,200,674; May 14.
Radio apparatus. H. P. Pratt. Re. 21,420; Apr. 9.
Radio apparatus, Automotive. H. J. Tyzzer. 2,204,873; June 18.
Radio apparatus, Battery operated. P. F. G. Holst. 2,190,317; Feb. 13.
Radio apparatus for detecting aircraft. D. L. Plaistowe. 2,207,267; July 9.
Radio autograph. C. M. Kehm. 2,205,531; June 25.
Radio beacon and radio guide. Y. Rocard. 2,206,644; July 2.
Radio beacon system. W. Beuermann. 2,212,110; Aug. 20.
Radio beacon system. H. G. Busignies 2,210,651; Aug. 6.
Radio beacon system. E. Gerhard. 2,187,618; Jan. 16.
Radio beacon system. F. S. Mabry. 2,215,330; Sept. 17.
Radio beacon system. F. Pope. 2,187,097; Jan. 16.
Radio beacon system. W. Runge. 2,218,658; Oct. 22.
Radio beam system. I. Wolff. 2,203,807; June 11.
Radio chassis jack. C. C. Neubig and F. Killingsworth. 2,211,287; Aug. 13.
Radio circuit for eliminating undesired interference. H.-H. Wolff. 2,227,415; Dec. 31.
Radio communication. N. E. Lindenblad. 2,217,911; Oct. 15.
Radio compass system. F. J. Hooven. 2,220,904; Nov. 12.
Radio compass system. F. E. Nickel. 2,188,556; Jan. 30.
Radio contourmeter. P. B. Hunter. 2,225,046; Dec. 17.
Radio control. A. C. Reading. 2,212,791–2; Aug. 27.
Radio control head. B. A. Schwarz. 2,222,519; Nov. 19.
Radio control, Push button. J. O. Almen. 2,205,968; June 25.
Radio control, Remote. E. F. Bacon. Re. 21,623; Nov. 19.
Radio control, Remote. E. F. Bacon. 2,189,527; Feb. 6.
Radio control, Remote automatic. R. H. Hill and B. A. Schwarz. 2,212,235; Aug .20.
Radio control system. A. Johnson. 2,205,170; June 18.
Radio control system. O. T. Laube. 2,213,105; Aug. 27.
Radio control system. E. F. McDonald, Jr. 2,216,671; Oct. 1.
Radio decoupling system for excessive amplitudes. P. M. Haffcke. 2,199,401; May 7.
Radio detector. R. A. Weagant. 2,207,906; July 16.
Radio directing and direction finding system. H. G. Busignies. 2,208,921; July 23.
Radio direction finder. H. G. Busignies. 2,208,209; July 16.
Radio direction finder. F. Fransson. 2,223,513; Dec. 3.
Radio direction finder. L. C. Gallant and C. Nouvellon. 2,215,785; Sept. 24.
Radio direction finder. J. I. Heller. 2,202,552; May 28.
Radio direction finder. W. P. Hilliard and R. R. Brunner. 2,202,583; May 28.
Radio direction finder. R. Kümmich and H. Rukop. 2,190,717; Feb. 20.
Radio direction finder. D. G. C. Luck. 2,208,377; July 16.
Radio direction finder. E. Schulz. 2,192,581; Mar. 5.
Radio direction finder. W. L. Woodward and M. G. Limb. 2,220,008; Oct. 29.
Radio direction finder and course indicating device. C. W. Earp. 2,215,781; Sept. 24.
Radio direction finding apparatus. C. W. Earp. 2,213,273; Sept. 3.
Radio direction finding system. H. Berthold. 2,223,056; Nov. 26.
Radio direction finding system. K. H. Günthert and K. H. Hofmann. 2,223,065; Nov. 26.
Radio direction finding system. W. M. Hahnemann and E. Kramar. 2,210,664; Aug. 6.
Radio direction finding system. B. Kalz. 2,223,069; Nov. 26.
Radio direction finding system. K. Koschmieder. 2,217,413; Oct. 8.
Radio drift course finder. M. F. Bates. 2,207,709; July 16.
Radio enclosure. R. B. Blanke. 2,204,787; June 18.
Radio equipment. R. E. Wolaver. 2,197,601; Apr. 16.
Radio frame and the like. E. Schrack. 2,226,745; Dec. 31.
Radio frequency circuit, Balanced. C. W. Hansell and H. E. Goldstine. 2,223,416; Dec. 3.
Radio frequency distribution system. H. O. Rossenstein. 2,203,746; June 11.
Radio frequency drift indicator. W. S. Potter. 2,187,865; Jan. 23.
Radio frequency impulses, Sending and receiving. P. Kotowski, S. Sonnenfeld, and G. Vogt. 2,192,975; Mar. 12.
Radio frequency rejector circuit. M. G. Clay. 2,226,488; Dec. 24.
Radio frequency winding with iron core. L. Kamenarovic. 2,204,086; June 11.
Radio glide path, Control of. G. L. Davies. 2,194,741; Mar. 26.
Radio goniometer. A. Gothe. 2,189,517; Feb. 6.
Radio goniometer. K.-G. Holsten and W. Schätzel. 2,221,946; Nov. 19.
Radiographic method and apparatus. G. W. Files. 2,204,347; June 11.
Radiographic method and apparatus. A. J. Kizaur. 2,208,265; July 16.
Radio interference eliminator. S. F. Thunberg. 2,219,121; Oct. 22.
Radio instruction device. A. L. Daugherty. 2,203,594; June 4.
Radio instrumentalities, Method and apparatus for shielding. H. P. Pratt. 2,200,678; May 14.
Radio mast, Automobile. S. Stevenson. 2,204,031; June 11.
Radio navigation. W. H. Donnelly and P. J. Holmes. 2,218,907; Oct. 22.
Radio navigation device. J. B. Dearing. 2,209,191; July 23.
Radio navigation device. D. G. C. Luck. 2,208,379; July 16.
Radio noise testing equipment. C. W. Germeck. 2,194,303; Mar. 19.
Radiophone communication system. W. J. Schnell. 2,186,500; Jan. 9.
Radio program annunciator. G. Babcock. 2,207,394; July 9.
Radio receiver. E. F. Andrews. 2,199,555; May 7.
Radio receiver. E. F. Andrews. 2,218,501; Oct. 22.
Radio receiver. B. J. Banfield. 2,215,775; Sept. 24.
Radio receiver. J. E. Beggs. 2,203,517; June 4.
Radio receiver. H. H. Beizer and R. H. Siemens. 2,222,761; Nov. 26.
Radio receiver. A. D. Blumlein. 2,227,057; Dec. 31.
Radio receiver. E. L. Brown. 2,203,043; June 4.
Radio receiver. G. W. Fyler. 2,222,709; Nov. 26.
Radio receiver. H. Grayson. 2,195,301; Mar. 26.
Radio receiver. A. Kroes. 2,226,727; Dec. 31.
Radio receiver. E. W. Masters. 2,217,178; Oct. 8.
Radio receiver. W. J. Schnell. 2,224,582; Dec. 10.
Radio receiver. J. L. Schwaen. 2,205,365; June 18.
Radio receiver. B. H. Simons. 2,208,398; July 16.
Radio receiver. A. J. Snow. Re. 21,480; June 4.
Radio receiver. L. Walsh. Re. 21,598; Oct. 8.
Radio receiver and direction finder. H. B. Miller and G. R. Fisher. 2,207,750; July 16.
Radio receiver circuit arrangement. B. D. H. Tellegen and A. van Weel. 2,201,325; May 21.
Radio receiver, Direction indicating. W. R. Koch. 2,206,637; July 2.
Radio receiver, Directional. J. R. Steinhoff. 2,197,734; Apr. 16.
Radio receiver, Multiband. H. E. Thomas. 2,189,688; Feb. 6.
Radio receiver, Remotely controlled. L. M. Hershey. 2,189,287; Feb. 6.
Radio receiver, Time controlled. W. H. Huth and J. R. Cubert. 2,192,313; Mar. 5.
Radio receiver tuning mechanism. C. Jan van Loon. 2,226,751; Dec. 31.
Radio receiver, Ultra high frequency. W. L. Carlson. 2,206,390; July 2.
Radio receiver, Ultra short wave. M. Bly. 2,226,657; Dec. 31.

Radio receiver volume control, Automobile. J. L. Reinartz. 2,216,520; Oct. 1.
Radio receiving and direction finding apparatus. J. P. Jeffcock. 2,186,867; Jan. 9.
Radio receiving apparatus. F. Cutting, H. C. Forbes, and H. C. Tittle. 2,186,099; Jan. 9.
Radio receiving apparatus. L. H. Paddle. 2,212,182; Aug. 20.
Radio receiving apparatus. I. N. Vorie. 2,188,490; Jan. 30.
Radio receiving system. K. A. Chittick and M. C. Jones. 2,209,959; Aug. 6.
Radio receiving system. G. V. Gerardi. 2,185,336; Jan. 2.
Radio receiving system. K. Koschmieder. 2,214,929; Sept. 17.
Radio receiving system. J. D. Reid. 2,186,208; Jan. 9.
Radio receiving system. B. S. Vilkomerson. 2,222,196; Nov. 19.
Radio receiving system, Remotely controlled. W. T. Powell. 2,205,272; June 18.
Radio receiving system, Single side band diversity. A. A. Oswald. 2,219,749; Oct. 29.
Radio receiving system, Single side band diversity. F. A. Polkinghorn. 2,219,751; Oct. 29.
Radio recorder. J. T. Potter. 2,213,886; Sept. 3.
Radio recorder, Continuous facsimile. W. G. H. Finch, 2,212,969; Aug. 27.
Radio selector for electrically controlled gear shifting mechanism, Automatic. G. R. Feigel. 2,220,996; Nov. 12.
Radio set. H. J. Tyzzer. 2,189,455; Feb. 6.
Radio signaling system. R. P. Bennett. 2,221,939; Nov. 19.
Radio signaling system. J. W. Conklin. 2,211,003; Aug. 13.
Radio signaling system. A. V. Loughren and J. C. Smith. 2,204,422; June 11.
Radio speed and drift indicator. R. C. Newhouse. 2,223,224; Nov. 26.
Radio starting and control switch circuit. R. B. Foster. 2,209,084; July 23.
Radio station, Car type. F. Frischeisen. 2,212,561; Aug. 27.
Radio station control system. A. G. Foss. 2,187,851; Jan. 23.
Radio station selector, Automatic. J. E. McCarthy. 2,192,235; Mar. 5.
Radio system. A. V. Bedford. 2,223,982; Dec. 3.
Radio system. A. A. Thomas. 2,188,165; Jan. 23.
Radio system and method of navigation. A. F. Hegenberger. 2,199,402; May 7.
Radio system, Direction finding. H. Berthold. 2,188,071; Jan. 23.
Radio system, Directional. F. A. Kolster. 2,216,708; Oct. 1.
Radio system, Directional. J. Plebanski. 2,224,233; Dec. 10.
Radio system, Directional. J. Plebanski. 2,227,155; Dec. 31.
Radio system, Duplex. W. E. Reichle. 2,223,049; Nov. 26.
Radio system, Short wave. G. C. Southworth. 2,206,923; July 9.
Radio telephone system. D. A. Heisner. 2,211,894; Aug. 20.
Radio television distribution system, Wired. H. R. Butler. 2,208,922; July 23.
Radiotherapy system, Short-wave. J. L. Hathaway. 2,223,447; Dec. 3.
Radio timing device. G. H. de Larm. 2,195,642; Apr. 2.
Radio traffic control. W. R. Koch. 2,203,871; June 11.
Radio transmission arrangement. A. Wiessner. 2,214,916; Sept. 17.
Radio transmitter. E. L. Brown. 2,213,301; Sept. 3.
Radio transmitter. J. Evans. 2,192,967; Mar. 12.
Radio transmitter. N. I. Hall. 2,187,603; Jan. 16.
Radio transmitter. J. W. Hammond and R. B. Edwards. 2,186,068; Jan. 9.
Radio transmitter synchronization. R. Bruckner. 2,218,636; Oct. 22.
Radio transmitters and the like, Arrangement for feeding. R. Hinkelmann. 2,210,667; Aug. 6.
Radio transmitting and receiving system. E. Gossel. 2,219,922; Oct. 29.
Radio transmitting arrangement. E. Stutius. 2,217,424; Oct. 8.
Radio transmitting system. E. H. Armstrong. 2,203,712; June 11.
Radio transmitting system, Wired. A. Wiessner and W. Spang. 2,208,916; July 23.
Radio tube and socket structure. L. J. Woods. 2,206,798; July 2.
Radio tube and the like. M. R. Schulte. 2,202,871; June 4.
Radio tube manufacture. E. A. Lederer. 2,206,509; July 2.
Radio tube, Metal. J. E. Beggs. 2,203,516; June 4.
Radio tube tester. R. L. Triplett. 2,217,925; Oct. 15.
Radio tube testing apparatus. V. H. Laughter. 2,196,466; Apr. 9.
Radio tuning device. J. W. Fitz Gerald. 2,226,858; Dec. 31.
Radio tuning instrumentality. R. Dardess. 2,214,659; Sept. 10.
Radio tuning system. C. T. Read. 2,187,986; Jan. 23.
Radio volume control. J. L. Getaz. 2,194,935; Mar. 26.
Radio voting. C. W. La Pierre. 2,206,702; July 2.
Radius rod. J. W. Leighton. 2,196,702; Apr. 9.
Radius rod. J. W. Leighton. 2,226,621; Dec. 31.
Raft, Tilting. J. Romano. 2,226,911; Dec. 31.
Rafter gauging device. E. F. Connors. 2,193,313; Mar. 12.
Raggle block. R. E. Campfield. 2,226,369; Dec. 24.
Rags for paper making, Preparation of. H. F. Lewis and S. I. Kukolich. 2,211,138; Aug. 13.
Rail and flange lubricator. E. I. Hetsch. 2,220,716; Nov. 5.
Rail and the resulting rail and joint, Treating steel. H. S. George. 2,206,839; July 2.
Rail bender. L. O. Becker. 2,216,152; Oct. 1.
Rail bond. A. J. McKernan and E. J. Sabol. 2,213,990; Sept. 10.
Rail bond. K. J. Mosebach. 2,201,497; May 21.
Rail bond, Stud terminal. E. J. Sabol. 2,221,491; Nov. 12.
Rail bond, Welded. J. F. Schneider. 2,227,369; Dec. 31.
Rail car. N. A. Thunstrom and J. E. Candlin, Jr. 2,226,083; Dec. 24.
Rail clamp. H. M. Lamb. 2,212,293; Aug. 20.
Rail construction for vehicle bodies, Bottom. W. W. Farr. 2,213,025; Aug. 27.
Rail drilling machine. F. C. Lavarack and B. Schlesinger. 2,203,415; June 4.
Rail drilling machine, Railway. E. A. Everett. 2,201,032; May 14.
Rail ends, Method and apparatus for hardening. C. V. Eskridge. 2,198,808; Apr. 30.
Rail fastener. C. W. Dawson. 2,194,590; Mar. 26.
Rail fastener. N. Di Fatta. 2,205,282; June 18.
Rail fastener. C. H. Loutrel. 2,207,262; July 9.
Rail fastener, Spring clip. G. M. Magee. 2,203,994; June 11.
Rail fastening. R. L. Cairncross. 2,196,521; Apr. 9.
Rail fastening. E. R. Packer. 2,215,593; Sept. 24.
Rail fastening, Double pressure compensating. R. P. Clarkson. 2,203,624; June 4.
Rail fastening means. R. T. Scholes. 2,218,156; Oct. 15.
Rail flaw detecting method and apparatus. A. E. F. Billstein. 2,218,784; Oct. 22.
Rail flaw detector mechanism. H. C. Drake. 2,203,256; June 4.
Rail flaw detector mechanism. H. C. Drake. 2,206,768; July 2.
Rail flaw detector mechanism. H. C. Drake. 2,218,673; Oct. 22.
Rail flaw detector mechanism. H. C. Drake and W. M. Perry. 2,185,589; Jan. 2.
Rail flaw detector mechanism. G. L. Jones, W. M. Perry, and L. J. De Lanty. 2,189,112; Feb. 6.
Rail flaw inspection mechanism. G. L. Jones. 2,199,106; Apr. 30.
Rail for beds, Display. W. M. Nowell and J. F. Gillespie. 2,226,208; Dec. 24.
Rail for industrial heating furnaces, Roller. H. H. Harris. 2,189,143; Feb. 6.
Rail grinding apparatus, Track. R. N. Miller. 2,197,729; Apr. 16.
Rail joint. O. Balcar. 2,204,395; June 11.
Rail joint. A. N. Brogden. 2,201,075; May 14.
Rail joint. P. C. Jones. 2,193,726; Mar. 12.
Rail joint. A. G. C. Schroeter. 2,220,179; Nov. 5.
Rail joint. L. H. Wisenor. 2,193,262; Mar. 12.
Rail joint and apparatus for forming the same. A. N. Brogden. 2,201,076; May 14.
Rail joint, Flexible. B. G. Braine. 2,218,416; Oct. 15.
Rail joint for monorail systems. H. M. Miller. 2,193,409; Mar. 12.
Rail joint, Silent. T. B. Maher. 2,215,475; Sept. 24.
Rail joint, Wear compensating. E. W. Backes. 2,197,090; Apr. 16.
Rail leveling mechanism for planers and the like. J. E. Doran. 2,188,568; Jan. 30.
Rail lubricator. W. C. Heidenthal. 2,185,810; Jan. 2.
Rail, Railway. H. L. Lansing and J. G. Delfox. 2,223,491; Dec. 3.
Rail, Repaired railroad. H. S. George. 2,186,967; Jan. 16.
Rail retaining device. C. G. Ericson. 2,204,849; June 18.
Rail sealing construction, Check. G. M. Grady and H. F. Ruberg. 2,200,547; May 14.
Rail slotter. A. W. Mall. 2,214,141; Sept. 10.
Rail tie and rail securing device, Mine. J. and S. Morano. 2,185,946; Jan. 2.
Rail, Transition. C. R. Bourland. 2,209,725; July 30.
Rail treating apparatus. H. H. Cerf and R. C. Britton. 2,211,365; Aug. 13.
Rail welding machine. W. Dalton. 2,212,393; Aug. 20.
Railroad crossing and danger signal. C. Evans. 2,200,739; May 14.
Railroad spreader. C. W. Shipley. 2,214,207; Sept. 10.
Railroad switch heater. W. E. Palmer. 2,199,960; May 7.
Railway and highway car, Combination. G. T. Ronk. 2,215,886; Sept. 24.
Railway car. A. Anderson and T. F. Burke. 2,219,286; Oct. 29.

Railway car. M. P. Blomberg and W. H. Mussey. 2,190,144; Feb. 13.
Railway car. D. A. Crawford, A. E. McKinnon, and C. H.
Railway car. O. Jabelmann. 2,208,075; July 16.
Apel. 2,212,897; Aug. 27.
Railway car. A. A. Johnson. 2,186,700; Jan. 9.
Railway car. A. H. Lundberg. 2,220,253; Nov. 5.
Railway car. S. F. Udstad. 2,190,742; Feb. 20.
Railway car. W. E. Wine and C. Hankins. 2,197,444; Apr. 16.
Railway car body, Closed top. O. C. Duryea. 2,214,244; Sept. 10.
Railway car, Gravity unloading. A. A. Johnson. 2,186,701; Jan. 9.
Railway container car. W. M. Sheehan. 2,191,222; Feb. 20.
Railway crossing. L. Sadler. 2,195,876; Apr. 2.
Railway crossing signal. F. W. Griswold. 2,203,988; June 11.
Railway crossing signal. J. Miskulin. 2,211,756; Aug. 20.
Railway hand brake. H. J. Dyke. 2,189,978; Feb. 13.
Railway, mine, and trolley switch. J. Yasenko. 2,216,578; Oct. 1.
Railway rolling stock. R. W. King. 2,211,469; Aug. 13.
Railway signaling system. F. H. Richterkessing. 2,211,579; Aug. 13.
Railway sleeping car. D. A. Crawford. 2,205,085; June 18.
Railway switch heater. H. W. Grimison. 2,196,014; Apr. 2.
Railway tie and rail clamp. J. M. C. Bryant. 2,209,188; July 23.
Railway vehicle. J. G. Blunt. 2,196,007; Apr. 2.
Railway vehicle. C. Breer. 2,208,626–7; July 23.
Railway vehicle. C. Breer and W. Van Der Sluys. 2,208,628; July 23.
Railway vehicle. R. N. Janeway. 2,198,668; Apr. 30.
Railway vehicle. R. N. Janeway. 2,205,478; June 25.
Railway vehicle. W. Van Der Sluys. 2,205,506; June 25.
Railway vehicle. W. Van Der Sluys. 2,208,650; July 23.
Rails on timber sleepers, Elastic securing of. M. Rüping. 2,195,038; Mar. 26.
Rails, Producing. H. S. George. 2,186,966; Jan. 16.
Rain deflector and ventilator, Combined. B. J. Wickham. 2,186,086; Jan. 9.
Rake. N. E. Brooke. 2,205,827; June 25.
Rake. C. S. Drake. 2,213,694; Sept. 3.
Rake. R. H. Linaberry. 2,206,612; July 2.
Rake. K. U. MacIvor. 2,211,379; Aug. 13.
Rake. W. D. Nelson. 2,215,592; Sept. 24.
Rake. F. B. Stratford. 2,193,436; Mar. 12.
Rake. G. T. Tokunaga. 2,210,784; Aug. 6.
Rake, Adjustable garden. P. G. Austin. 2,222,163; Nov. 19.
Rake, Hay. W. H. Arnold. 2,212,973; Aug. 27.
Rake, Interchangeable self-cleaning. L. J. Mruk. 2,187,985; Jan. 23.
Rake, Lawn. R. Boggs. 2,207,653; July 9.
Rake, Leaf. A. Laemmlin. 2,207,488; July 9.
Rake, Power. G. Bristol and A. R. Wilhser. 2,226,460; Dec. 24.
Rake, Self-cleaning. J. R. Kunzelman. 2,211,236; Aug. 13.
Rake, Sweep. G. B. Hill and F. D. Jones. 2,218,577; Oct. 22.
Rake, Sweep. F. D. Jones and G. B. Hill. 2,218,579; Oct. 22.
Rake teeth. C. T. Meyer. 2,193,138; Mar. 12.
Rake, Trash rack. H. E. Smyser. 2,186,790; Jan. 9.
Raking and lifting attachment for a tractor. C. Kimmel. 2,185,409; Jan. 2.
Ram for mechanical presses. C. H. Howland-Shearman. 2,224,682; Dec. 10.
Ram installation, Hydraulic. A. L. Jones. 2,223,826; Dec. 3.
Ram with laminated plates. H. Allen. 2,194,258; Mar. 19.
Ram with tapered wear plates. H. Allen. 2,194,257; Mar. 19.
Ramp and stop for lifts. J. P. McCarthy. 2,222,111; Nov. 19.
Ramp for hand trucks, Loading. H. E. Soref. 2,227,283; Dec. 31.
Range. E. S. Criddle. 2,219,623; Oct. 29.
Range and view finder, Combination. M. E. Moreau and D. Landfield. 2,202,593; May 28.
Range connector. L. Ludwig. 2,224,547; Dec. 10.
Range construction. S. Klute. 2,217,059; Oct. 8.
Range construction. W. F. Rogers. 2,226,834; Dec. 31.
Range construction, Gas. A. P. Schulz. 2,218,961; Oct. 22.
Range, Cooking. J. L. Breese. 2,224,534–5; Dec. 10.
Range, Cooking and heating. J. E. Leonard. Re. 21,426; Apr. 16.
Range door. S. Klute. 2,192,231; Mar. 5.
Range finder. E. S. Hineline. 2,215,370; Sept. 17.
Range finder. O. Liebmann. 2,186,806; Jan. 9.
Range finder. F. Mische. 2,208,222; July 16.
Range finder. C. Ort. 2,220,021; Oct. 29.
Range finder. D. A. Sealey. 2,189,964; Feb. 13.
Range finder and like optical measuring instrument. J. W. French. 2,190,541; Feb. 13.
Range finder and like optical observation instruments. J. W. French. 2,219,224; Oct. 22.
Range finder, Coupled. O. Liebmann. 2,185,377; Jan. 2.
Range finder, Coupled. F. Drenko. 2,190,559; Feb. 13.
Range, Gas. B. E. Meacham and W. H. Frick. 2,216,851; Oct. 8.
Range, Liquid fuel. L. S. Chadwick. 2,208,323; July 16.
Range or stove, Electric. P. Scharr. 2,192,652; Mar. 5.
Range rod holder. W. H. Duerr. 2,185,838; Jan. 2.
Range top construction, Oil. J. Teller and A. P. Schulz. 2,191,358; Feb. 20.
Range unit control mechanism embodying material of changeable character, Electric. J. W. Myers. 2,207,871; July 16.
Rapid processing machine. C. H. Green and R. E. McAdam. 2,186,637; Jan. 9.
Rapid sand filter. M. J. Martin. 2,199,891; May 7.
Rat trap. F. Pirani and S. Borgognoni. 2,193,937; Mar. 19.
Ratchet action. E. J. Jagler. 2,201,492; May 21.
Ratchet device. W. F. Costello. 2,206,943; July 9.
Ratchet device. T. O. Rueb. 2,188,846; Jan. 30.
Ratchet footage indicator for motion picture apparatus. C. J. Hughey. 2,186,926; Jan. 9.
Ratchet, Life-line. M. Silvia. 2,205,933; June 25.
Ratchet mechanism. O. P. and P. A. Froeschl. 2,201,827; May 21.
Ratchet releasing means. W. J. Lloyd. 2,216,822; Oct. 8.
Ratchet, Steamboat. L. J. Sarosdy. 2,220,288; Nov. 5.
Ratchet wrench. T. O. Rueb. 2,202,402; May 28.
Ratchet wrench. A. P. Stone. 2,201,705; May 21.
Ratchet wrench, Reversible. H. A. Rhinevault. 2,193,984; Mar. 19.
Rate indicator. C. J. Crane and F. G. Nesbitt. 2,216,737; Oct. 8.
Rate measuring apparatus. R. E. Sturm and G. V. Eltgroth. 2,226,185; Dec. 24.
Rate mechanism. R. C. Coupland. 2,202,836; June 4.
Rate of climb responsive means. G. V. Rylsky. 2,214,181; Sept. 10.
Ratio changing device, Manually controlled. W. R. Freeman. 2,218,194; Oct. 15.
Ratio control for fractionating columns, Reflux. A. E. Robertson. 2,218,624; Oct. 22.
Ratio transmission, Variable. P. B. Reeves. 2,219,580; Oct. 29.
Ratio transmission, Variable. O. E. Szekely. 2,200,566; May 14.
Ratio transmission, Variable. S. C. Winger and L. K. Loehr. 2,209,497; July 30.
Ratio varying device. H. Ziebolz and H. J. Velten. 2,222,551; Nov. 19.
Rattle, Baby's. J. Davis. 2,211,102; Aug. 13.
Rattle, Musical. I. E. Cohn. 2,226,806; Dec. 31.
Ray doses, Compensating the fluctuations in. A. Trost. 2,222,451; Nov. 19.
Ray or beacon course method, Guide. G. Ulbricht. 2,201,565; May 21.
Rayon for reinforcing rubber products. J. A. Van Laer. 2,217,826; Oct. 15.
Rayon manufacture, Cuproammonium. W. H. Furness. 2,225,431; Dec. 17.
Rayon, Method and apparatus for liquid treatment of. G. M. Allen, H. J. McDermott, and J. W. Pedlow. 2,200,197; May 7.
Rayon packages, Aftertreatment. J. Dousma. 2,208,965; July 23.
Rayon packages, Process and apparatus for the treatment of. P. P. Kriek. 2,213,366; Sept. 3.
Rayon structures, Production of. W. H. Bradshaw and G. P. Standley. 2,224,665; Dec. 10.
Razor. F. O. Conill. 2,225,257; Dec. 17.
Razor. L. L. Greterman. 2,194,387; Mar. 19.
Razor. M. Grivetto. 2,212,117; Aug. 20.
Razor. J. H. Hilliard and L. Kuhnl. 2,221,379; Nov. 12.
Razor. N. Holsclaw. 2,202,633; May 28.
Razor. J. L. Kleinman. 2,195,839; Apr. 2.
Razor. L. Kuhnl. 2,205,568; June 25.
Razor. J. M. Lawrence. 2,195,674; Apr. 12.
Razor. V. Merlo. 2,192,362; Mar. 5.
Razor. W. T. Morris and L. Kuhnl. 2,203,837; June 11.
Razor. H. R. Segal. 2,191,324; Feb. 20.
Razor. T. C. Sheehan. 2,204,827; June 18.
Razor. M. E. Strieby. 2,197,400; Apr. 16.
Razor accessory, Safety. S. H. Benjamin. 2,196,160; Apr. 2.
Razor apparatus, Electric. H. A. Ament. 2,197,910; Apr. 23.
Razor blade package. C. C. Baldwin. 2,186,231; Jan. 9.
Razor, Blade retaining safety. S. H. Benjamin. 2,226,964; Dec. 31.
Razor cleaning device. J. P. Fleckenstine. 2,187,491; Jan. 16.
Razor, Collapsible safety. A. S. Jozwick. 2,197,410; Apr. 16.
Razor, Electric. E. Faveluke. 2,223,410; Dec. 3.
Razor, Electric. W. A. Phelps. 2,204,444; June 11.
Razor, Electric. L. Scruggs. 2,201,349–50; May 21.
Razor, Electrically operated. H. L. Forster. 2,224,342; Dec. 10.
Razor head, Adjustable. R. E. Benner. 2,186,091; Jan. 9.

Razor head, Electric. C. E. Harding. 2,192,676; Mar. 5.
Razor head element, Safety. S. H. Benjamin. 2,200,530; May 14.
Razor heads, Making. W. L. Martin. 2,223,768; Dec. 3.
Razor of the vibratory type. G. R. Bott. 2,194,465; Mar. 26.
Razor, Power driven. A. E. Jensen. 2,186,110; Jan. 9.
Razor, Power operated. J. M. Wall and L. M. Thorn. 2,216,994; Oct. 8.
Razor, Power-operated safety. A. Henderson. 2,219,090; Oct. 22.
Razor, Safety. G. R. Bott. 2,195,164; Mar. 26.
Razor, Safety. G. R. Bott. 2,222,308; Nov. 19.
Razor, Safety. H. D. Bowman. 2,205,590; June 25.
Razor, Safety. J. L. Bronstein. 2,201,951; May 21.
Razor, Safety. A. S. Carlson. 2,217,792; Oct. 15.
Razor, Safety. D. Claassen. 2,211,255; Aug. 13.
Razor, Safety. V. O. Dodge. 2,211,200; Aug. 13.
Razor, Safety. L. Dunning. 2,219,099; Oct. 22.
Razor, Safety. V. Fulenwider. 2,198,531; Apr. 23.
Razor, Safety. H. H. Kempf and C. L. Woody. 2,204,680; June 18.
Razor, Safety. A. W. McGown. 2,210,767; Aug. 6.
Razor, Safety. F. C. Rojahn. 2,225,020; Dec. 17.
Razor, Safety. R. E. Thompson. 2,189,689; Feb. 6.
Razor, Safety. J. Vulich. 2,221,730; Nov. 12.
Razor, Self-sharpening safety. J. A. Guimond. 2,200,246; May 14.
Razor support, Electric. A. R. Wahl. 2,196,786; Apr. 9.
Razors of the vibratory type, Making parts of safety. G. R. Bott. 2,195,163; Mar. 26.
Reactance device. G. Peterson. 2,185,355; Jan. 2.
Reaction chamber. H. J. Broderson, H. T. Rogers, and J. B. Hamblen. 2,212,583; Aug. 27.
Reaction mixtures, Process and apparatus for producing. W. H. Kniskern. 2,222,870; Nov. 26.
Reaction product of di-chloro-dioxane and the halo-organic acids. H. R. Slagh. 2,190,907; Feb. 20.
Reaction product of maleic anhydride with a furfuryl ester of a hydrogenated rosin acid, and producing. I. W. Humphrey and J. N. Borglin. 2,197,049; Apr. 16.
Reaction products of organic bases and hydrofluosilicic acid. L. J. Christmann and D. W. Jayne, Jr. 2,205,789; June 25.
Reaction products of ortho-phosphitobenzoyl chloride and making same. H. G. Berger, W. H. James, and D. E. Badertscher. 2,205,337; June 18.
Reactions in the presence of a contact mass, Conducting. T. P. Simpson, J. W. Payne, J. A. Crowley, Jr., and C. S. Teitsworth. 2,185,929; Jan. 2.
Reactor, Continuous. W. L. Semon. 2,204,156; June 11.
Reactor, Variable. L. L. De Kramolin. 2,200,263; May 14.
Reading and copying device. H. Küppenbender. 2,226,618; Dec. 31.
Reading and writing table. W. B. Love. 2,193,907; Mar. 19.
Reading apparatus for invalids. L. M. Ring. 2,211,480; Aug. 13.
Reading device for computing scales. R. I. Waugh. 2,189,825; Feb. 13.
Reading system, Photoelectric. R. E. R. Constant. 2,206,527; July 2.
Reagent, Flotation. E. Ott. 2,203,739; June 11.
Reagent for testing, Dry. A. Galat. 2,210,579; Aug. 6.
Reagents in countercurrent extraction, Application of. M. J. Proffitt. 2,188,919; Feb. 6.
Reamer. H. B. Book and R. A. Hanlin. 2,189,033; Feb. 6.
Reamer. M. D. Carleton. 2,189,032; Feb. 6.
Reamer. W. L. Childs. 2,189,039; Feb. 6.
Reamer. S. A. Cogsdill. 2,206,941; July 9.
Reamer. G. G. Harrington. 2,189,029–31; Feb. 6.
Reamer. G. G. Harrington. 2,189,034; Feb. 6.
Reamer. G. G. Harrington. 2,189,037; Feb. 6.
Reamer. K. E. Jones. 2,189,036; Feb. 6.
Reamer. K. E. Jones. 2,189,038; Feb. 6.
Reamer. K. E. Jones. 2,189,040; Feb. 6.
Reamer. H. L. Squires. 2,189,035; Feb. 6.
Reamer. J. J. Tyne. 2,188,584; Jan. 30.
Reamer and undercutter, Combined. W. A. Patscheider. 2,207,067; July 9.
Reamer attachment. A. Dantry. 2,188,624; Jan. 30.
Reamer for cylinders, Ridge. H. P. Phillips and E. L. Bauer. 2,226,015; Dec. 24.
Reamer for well pipe joint. J. A. Tytus and A. L. Stone. 2,211,183; Aug. 13.
Reamer, Tobacco pipe. F. E. Hug. 2,227,188; Dec. 31.
Reamer, Well. A. C. Catland. 2,218,743; Oct. 22.
Reaming tool. W. H. Smila and D. T. Flater. 2,212,753; Aug. 27.
Rear view device, Periscopic. J. T. L. Allen. 2,193,217; Mar. 12.
Rebound device. C. E. Caestecker. 2,226,895; Dec. 31.
Rebound switch. L. W. Gensburg. 2,212,097; Aug. 20.
Receiver and transmitter for telephone desk sets. G. Chevassus. 2,214,992; Sept. 17.
Receiver arrangement. H.-W. Steinhausen. 2,190,436; Feb. 13.
Receiver, Back-to-back. M. G. Crosby. 2,204,342; June 11.
Receiver circuit arrangement. K. Wilhelm. 2,224,207; Dec. 10.
Receiver circuit, Television. C. C. Eaglesfield. 2,203,722; June 11.
Receiver, Constant selectivity. R. A. Braden. 2,189,308; Feb. 6.
Receiver, Entertainment. J. C. Batchelor. 2,205,461; June 25.
Receiver, Feedback phase modulation. M. G. Crosby. 2,197,518; Apr. 16.
Receiver for diversity reception. A. V. Loughren. 2,210,089; Aug. 6.
Receiver for ultra-short waves, Heterodyne. E. Gerhard. 2,207,078; Dec. 31.
Receiver, High fidelity. L. R. Kirkwood. 2,194,558; Mar. 26.
Receiver, Interference rejection. D. V. Sinninger. 2,190,850; Feb. 20.
Receiver or amplifier. T. Tillmann. 2,218,101; Oct. 15.
Receiver or amplifier with saving current at lower volume. H. Pitsch. 2,218,094; Oct. 15.
Receiver, Permeability-tuned superheterodyne. W. J. Polydoroff. 2,190,082; Feb. 13.
Receiver, Phase modulation. M. G. Crosby. 2,192,684; Mar. 5.
Receiver, Phase modulation. M. G. Crosby. 2,204,575; June 18.
Receiver, Phase modulation. C. W. Hansell. 2,207,541; July 9.
Receiver, Radio telegraph. P. D. Lowell. 2,193,825; Mar. 19.
Receiver, Remote control. L. F. Curtis. 2,189,310; Feb. 6.
Receiver set, Indicator insuring sharp tuning of a. B. Johannesson and O. Tüxen. 2,218,987; Oct. 22.
Receiver sight. F. A. Kuhn. 2,211,953; Aug. 20.
Receiver, Superheterodyne. R. Burgholz. 2,203,487; June 4.
Receiver, Superheterodyne. D. E. Foster. 2,196,259; Apr. 9.
Receiver, Superheterodyne. A. Schleimann Jensen. 2,205,359; June 18.
Receiver, Three electrode crystal phase modulation. M. G. Crosby. 2,204,574; June 18.
Receiver tuning control. D. E. Foster. 2,189,282; Feb. 6.
Receiver tuning control. E. J. Quinby. 2,217,293; Oct. 8.
Receiver, Ultra-high frequency. H. E. Hollmann 2,205,475; June 25.
Receiver, Variable band width. C. W. Hansell. 2,205,762; June 25.
Receiver, Wireless and like. J. Robinson. 2,193,843; Mar. 19.
Receivers, Method of and apparatus for testing. J. T. L. Brown and E. W. Holman. 2,93,087; Mar. 12.
Receiving apparatus. C. H. Braselton. 2,206,010; July 2.
Receiving means. R. W. George. Re. 21,473; June 4.
Receiving system. C. M. Burrill. 2,223,547; Dec. 3.
Receiving system, Carrier-frequency. N. R. Bligh and A. Bloch. 2,194,292; Mar. 19.

Receptacle: *See*—
- Ash receptacle.
- Bobbin receptacle.
- Bottle receptacle.
- Coin and ticket receptacle.
- Coin receptacle.
- Combination receptacle
- Condiment receptacle.
- Condolence receptacle.
- Dispensing receptacle.
- Display receptacle.
- Electrical locking receptacle.
- Electrical receptacle:
- Food receptacle.
- Heating and cooling receptacle.
- Hydraulic receptacle.
- Liquid dispensing receptacle.
- Match receptacle.
- Paper receptacle.
- Photograph mount and mailing receptacle.
- Plug receptacle.
- Pocket receptacle.
- Rubbish receptacle.
- Sealed receptacle.
- Sheet metal receptacle.
- Shock resisting lamp receptacle.
- Smoker's pocket receptacle.
- Soap receptacle.
- Spraying receptacle.
- Switch receptacle.
- Terminal receptacle.
- Utility receptacle:
- Waste receptacle.

Receptacle. E. R. Barney. 2,195,442; Apr. 2.
Receptacle. B. S. Cain. 2,219,173; Oct. 22.
Receptacle. W. J. DeWitt. 2,214,993; Sept. 17.
Receptacle. O. K. Kjolseth. 2,219,187; Oct. 22.
Receptacle. H. Larson. 2,185,770; Jan. 2.
Receptacle. B. M. Rifkin. 2,212,618; Aug. 27.
Receptacle. M. D. Schick. 2,221,527; Nov. 12.
Receptacle. E. F. Smith and G. K. Wilson. 2,199,092; Apr. 30.
Receptacle and assembly, Ash. J. Visser. 2,196,372; Apr. 9.
Receptacle and closure cap therefor. R. K. Miner. 2,214,255; Sept. 10.
Receptacle and dispenser, Liquid. J. A. Wesseler. 2,192,809; Mar. 5.
Receptacle and lighter, Ash. J. Visser. 2,221,211; Nov. 12.
Receptacle and locking means, Delivery. J. Majors. 2,223,150; Nov. 26.
Receptacle and spoon leveler, Cooking material. W. L. Longan. 2,221,355; Nov. 12.
Receptacle and support therefor. W. R. House. 2,202,798; May 28.
Receptacle and the manner of supporting the same. M. Fuld. 2,201,530; May 21.

Receptacle-closing means. W. J. Massure. 2,217,124; Oct. 8.
Receptacle cover. R. G. Curtis. 2,220,318–9; Nov. 5.
Receptacle cover. H. O. Dillard. 2,199,787; May 7.
Receptacle cover. R. C. Ingersoll and R. H. Sullivan. 2,187,154; Jan. 16.
Receptacle, Evacuant. P. T. Griffin. Re. 21,644; Dec. 3.
Receptacle filling apparatus, Automatic. J. W. James. 2,198,309; Apr. 23.
Receptacle filling machine. F. D. Chapman. 2,220,707; Nov. 5.
Receptacle for brush type carpet sweepers, Disposable dust. G. M. Parker. 2,227,104; Dec. 31.
Receptacle for liquid sprayers. E. C. Horton. 2,206,815; July 2.
Receptacle for photographic paper and the like. H. F. Dubas. 2,196,293; Apr. 9.
Receptacle for refrigerator use. H. B. Rudd. 2,218,724; Oct. 22.
Receptacle for refrigerators. H. W. Ohlhaver. 2,223,020; Nov. 26.
Receptacle for tooth paste. J. Cervera. 2,199,877; May 7.
Receptacle for vacuum cleaners, Dust. E. C. Poynter. 2,187,052; Jan. 16.
Receptacle for volatile liquids. C. S. Packer. 2,207,816; July 16.
Receptacle holder. C. R. Munson and A. R. Gross. 2,203,632; June 4.
Receptacle or outlet, Electrical. W. A. Davis. 2,221,345; Nov. 12.
Receptacle transfer mechanism. J. P. Heil and F. P. Kessler. 2,217,982; Oct. 15.
Receptacle, Vacuum wall. W. C. O'Leary. Re. 21,618; Nov. 5.
Receptacle, Waterproof wooden. C. U. Gramelspacher. 21,524; Aug. 6, 1940.
Receptacle with double detachable coupon. G. W. Poppe. 2,226,943; Dec. 31.
Receptacles, Forming bulged. C. L. Hinsdale. 2,198,873; Apr. 30.
Receptacles, Making display. R. A. Nagle. 2,223,770; Dec. 3.
Receptacles, Manufacture of metallic. H. W. Clark. 2,206,763; July 2.
Receptacles, Manufacture of metallic. H. W. Clark. 2,225,767; Dec. 24.
Receptacles with closure locks, Making coupon. G. W. Poppe. 2,217,494; Oct. 8.
Receptor for shower stalls. B. E. Myers. 2,197,874; Apr. 23.
Recesses. Finishing. E. Stubbs. 2,209,483; July 30.
Recinoleates into other organic compounds, Conversion of. A. G. Houpt. 2,217,515; Oct. 8.
Recipe and menu cabinet. J. E. Hines. 2,203,053; June 4.
Reciprocable vehicle. C. L. Carsten. 2,209,098; July 23.
Reciprocating fluid motor driven pump. R. L. Chenault. 2,191,369; Feb. 20.
Reciprocating hydraulic motor. E. E. Arnold. 2,200,071; May 7.
Reciprocating mechanism. W. J. Parks. 2,188,482; Jan. 30.
Reciprocating mechanism, Hydraulically operated. E. A. Cooke. 2,216,486; Oct. 1.
Reciprocating ram pump. J. M. and F. H. Towler. 2,218,927–8; Oct. 22.
Reciprocating screen. W. J. Parks. 2,208,596; July 23.
Reciprocating screen. W. J. Parks. 2,222,299; Nov. 19.
Reciprocating valve. W. G. Wilson. 2,192,339; Mar. 5.
Reciprocatory tool. J. J. Elwell. 2,211,741; Aug. 13.
Reclining chair. A. Blank. 2,201,964; May 21.
Reclining chair. M. Lichter. 2,217,756; Oct. 15.
Recoil absorber for firearms. N. J. A. Galliot and J. A. V. A. Chable. 2,191,648; Feb. 27.
Recoil absorber for firearms. N. J. A. Galliot and J. A. V. A. Chable. 2,223,014; Nov. 26.
Recoil construction. R. H. S. Hughes. 2,212,686; Aug. 27.
Recoil control device. R. H. S. Hughes. 2,206,568; July 2.
Recoil controlling device. R. H. S. Hughes. 2,212,684; Aug. 27.
Recoil device for machine guns. R. H. S. Hughes. 2,212,687; Aug. 27.
Record and apparatus therefor, Sound. P. M. Lott. 2,220,488; Nov. 5.
Record and making the same. S. E. Adair. 2,188,384; Jan. 30.
Record and method and apparatus for making same. Sound disk. L. Dewan. 2,188,337; Jan. 30.
Record and package therefor, Phonograph. C. C. Hasin. 2,225,048; Dec. 17.
Record assembly. E. K. Bottle. 2,217,506–7; Oct. 8.
Record assembly, Selective separation of continuous interleave. L. F. Hageman. 2,221,917; Nov. 19.
Record changing mechanism. R. H. Rich. 2,198,294; Apr. 23.
Record controlled machine. S. Brand. 2,209,106; July 23.
Record controlled machine. A. W. Mills. 2,217,179; Oct. 8.
Record controlled machine. H. J. Umhauer. 2,209,434; July 30.
Record device, Sheet. E. W. Hill. 2,220,332; Nov. 5.
Record element holder. F. L. W. Link. 2,201,589; May 21.
Record equipment, Visible. H. J. Hopkins. 2,217,018; Oct. 8.
Record holder. A. O. Large. 2,215,833; Sept. 24.
Record interpreting projector. H. E. Robison. 2,223,334; Nov. 26.
Record making machine. O. J. Sundstrand. 2,220,030; Oct. 29.
Record material, Mechanism for selectively reproducing, repeating, and charting sound. A. L. Runyan. 2,201,204; May 21.
Record, Method of and apparatus for making a motion picture. T. Stephen and R. K. Parsell. 2,185,610; Jan. 2.
Record perforating device. J. R. Peirce. 2,199,547; May 7.
Record, Phonograph. J. H. Hunter. 2,206,636; July 2.
Record, Phonograph. J. H. Hunter. 2,216,946; Oct. 8.
Record, Preparing a control. B. L. Green. Re. 21,505; July 9.
Record printing plate for addressing machines. H. P. Elliott. 2,189,104; Feb. 6.
Record projector. C. W. Burcky. 2,220,885; Nov. 12.
Record projector. A. H. Reiber. 2,224,883; Dec. 17.
Record punching machine. A. W. Mills and F. J. Furman. 2,213,567; Sept. 3.
Record, Reinforced phonograph. H. Reffelt and C. Cagnon. 2,198,060; Apr. 23.
Record resurfacing machine, Phonograph. G. H. Fritzinger. 2,192,597; Mar. 5.
Record resurfacing machine, Phonograph. R. M. Somers. 2,192,598; Mar. 5.
Record sensing device, Perforated. E. A. Ford. 2,203,013; June 4.
Record, Sound. J. O. Baker. 2,199,606; May 7.
Record, Sound. G. Holst and J. H. de Boer. 2,209,971; Aug. 6.
Record taking apparatus. J. F. Ohmer, Jr. 2,206,116; July 2.
Recorder apparatus. O. S. Peters. 2,198,040; Apr. 23.
Recorder, Controller deviation. C. J. Brown. 2,211,317; Aug. 13.
Recorder mechanism for electrical roll call or voting apparatus. C. F. Thompson. 2,210,963; Aug. 13.
Recorder, Multiple traverse. R. R. Chappell and R. B. Colt. 2,215,542; Sept. 24.
Recorder, Multistylus facsimile. W. G. H. Finch. 2,212,970; Aug. 27.
Recorder, Phonograph. J. R. Fouch. 2,198,080; Apr. 23.
Recording and control apparatus. W. S. Macdonald. 2,203,689; June 11.
Recording and controlling system. C. O. Fairchild and S. B. Osterlund. 2,209,717; July 30.
Recording and indicating apparatus for locomotive and the like. E. W. Stevens and J. A. Roberts. 2,210,154; Aug. 6.
Recording apparatus. J. Allardt. 2,201,515; May 21.
Recording apparatus. J. E. Bushnell. 2,202,547; May 28.
Recording apparatus. J. W. Sohns. 2,219,458; Oct. 29.
Recording apparatus. E. S. Svensson. 2,198,139; Apr. 23.
Recording apparatus for detector cars. W. C. Barnes and H. W. Keevil. 2,220,881; Nov. 12.
Recording device. F. G. Blum, Jr. 2,224,589; Dec. 10.
Recording device. B. Cooper. 2,207,144; July 9.
Recording device. E. B. D. Mackenzie. 2,198,171; Apr. 23.
Recording device. W. E. Naylor and P. J. Schlessiger. 2,195,868; Apr. 2.
Recording device for radio receivers. J. Potter. 2,210,380; Aug. 6.
Recording head. C. Loeb, M. A. Gilman, and C. Anderson. 2,201,735; May 21.
Recording instrument. F. Buechmann. 2,203,667; June 11.
Recording instrument. G. E. Lindemann. 2,194,091; Mar. 19.
Recording instrument. W. K. Matheson and A. C. Homeyer. 2,192,319; Mar. 5.
Recording instrument. K. L. Tate and A. E. Irving. 2,216,635; Oct. 1.
Recording instrument for electrical measurements. H. Sell. 2,207,829; July 16.
Recording lock. E. J. Von Pein and P. J. Schlessiger. 2,213,573; Sept. 3.
Recording machine. W. A. Ayres. 2,217,150; Oct. 8.
Recording means for weighing machines. L. de Brouckere. 2,214,720; Sept. 10.
Recording mechanism. R. E. Crooke. 2,224,182; Dec. 10.
Recording system. W. J. Albersheim. 2,198,798; Apr. 30.
Recording system. C. R. Keith. 2,197,342; Apr. 16.
Recording system. J. Zalkind. 2,220,927; Nov. 12.
Records, Production of sound picture. A. N. Goldsmith. 2,211,416; Aug. 13.
Records, Reproduction of. C. H. Nolte. 2,209,535; July 30.
Rectification system. W. H. Bennett. 2,202,823; June 4.
Rectifier. W. H. Bennett. 2,204,564; June 18.
Rectifier. S. Berman. 2,221,773; Nov. 19.
Rectifier. C. A. Kotterman. 2,194,182; Mar. 19.
Rectifier. V. W. Sherman. 2,215,667; Sept. 24.
Rectifier. R. Urtel. 2,191,634; Feb. 27.

Rectifier and producing same, Dry plate. F. Brunke. 2,205,897; June 25.
Rectifier and producing same, Selenium. O. Geisler and E. Kipphan. 2,197,497; Apr. 16.
Rectifier circuit, Constant voltage. A. Christie. 2,201,979; May 28.
Rectifier device. O. Geisler. 2,226,715; Dec. 31.
Rectifier device. A. Gottschalk and A. Geisselsöder. 2,188,079; Jan. 23.
Rectifier device. W. Kalbskopf. 2,189,905; Feb. 13.
Rectifier, Electrical. P. H. Dowling and J. D. McCluer. 2,197,632; Apr. 16.
Rectifier element, Making a. S. Ruben. 2,198,843; Apr. 30.
Rectifier elements, Method and device for cooling metallic dry. E. Siebert and W. Kafka. 2,189,617; Feb. 6.
Rectifier for television signals. K. Schlesinger. 2,201,794; May 21.
Rectifier, High voltage gaseous. C. M. Slack and L. F. Ehrke. 2,212,849; Aug. 27.
Rectifier, Manufacturing a selenium. M. Kobayashi, J. Osawa, and K. Otake. 2,189,908; Feb. 13.
Rectifier, Mercury arc. L. R. Ludwig. 2,210,682; Aug. 6.
Rectifier, Metal vapor or noble gas. A. Siemens. 2,210,689; Aug. 6.
Rectifier or inverter, High voltage. J. Slepian. 2,186,215; Jan. 9.
Rectifier protective system. H. Winograd. 2,193,083; Mar. 12.
Rectifier system. J. L. Finch. 2,186,239; Jan. 9.
Rectifier system. E. Korber and G. Schaller. 2,189,909; Feb. 13.
Rectifier system. E. Kübler. 2,205,208; June 18.
Rectifier system, Regulated. C. H. Rumpel. 2,210,732; Aug. 6.
Rectifiers, Manufacture of electrical. P. H. Dowling. 2,213,389; Sept. 3.
Rectifiers, Manufacturing dry. H. Lorenz. 2,221,596; Nov. 12.
Rectifiers, Manufacturing selenium. G. Hoppe. 2,195,725; Apr. 2.
Rectifiers, Producing selenium. A. Lotz. 2,193,598; Mar. 12.
Rectifying circuit, Alternating current. N. C. Hugus. 2,188,436; Jan. 30.
Rectilinear motion bearing. J. H. Onions and P. W. Thornhill. 2,198,039; Apr. 23.
Recuperating burner block. R. C. Hopkins. 2,207,010; July 9.
Recycling system for moistening tobacco. P. H. Palmer. 2,207,755; July 16.
Redressing tool, Valve and seat. G. Solbrig. 2,198,925; Apr. 30.
Reducing composition useful for textile printing and other purposes. H. Papini. 2,201,010; May 14.
Reducing composition useful for textile printing, dyeing, and other purposes. J. Katz. 2,201,042; May 14.
Reducing mill. W. M. Sheldon. 2,212,482; Aug. 20.
Reducing piece for glass instruments for laboratory technics. W. Juffa. 2,202,055; May 28.
Reducing valve, Fluid pressure. D. L. Hay. 2,887,739; Jan. 23.
Reducing valve, Fluid pressure. W. W. Smith. 2,187,811; Jan. 23.
Reduction gear. I. Short. 2,201,247; May 21.
Reduction mill. E. J. R. Chenoweth. 2,193,163; Mar. 12.
Reduction products derived from dehydroandrosterone and producing the same. A. Butenandt. 2,189,130; Feb. 6.
Reduction products of etherized estrone, Preparing. R. Weisz. 2,208,915; July 23.
Reed. M. Maccaferri. 2,224,308; Dec. 10.
Reed and forming same, Imitation. W. E. Sackner and J. E. Millett. 2,195,096; Mar. 26.
Reed fabric. W. E. Sackner and J. E. Millett. 2,219,115; Oct. 22.
Reed for musical wind instruments, Adjustable. A. Brilhart. 2,224,719; Dec. 10.
Reed for wind instruments, Adjustable. C. B. Malbon. 2,193,976; Mar. 19.
Reed forming machine. P. Strano and R. E. Hulburt. 2,204,871; June 18.

Reel: *See*—

Antenna reel.
Bobbin reel.
Casting reel.
Coiling reel.
Collapsible reel.
Film developing and fixing reel.
Film reel.
Fishing line reel.
Fishing reel.
Fly casting reel.
Harvester reel.
Hose reel.
Picture film reel.
Self-fastening line reel.
Skein reel.
Stock reel.
Stripper reel.
Switchboard card reel
Thread advancing reel.
Welding rod reel.
Winding reel.
Wire reel.

Reel. A. E. Adamson. 2,214,315; Sept. 10.
Reel. F. S. Barks, A. P. Fox, L. C. Rotter, and W. Z. Linders. 2,221,566; Nov. 12.
Reel. A. J. Bond. 2,203,453; June 4.
Reel. A. A. Bureau. 2,210,878; Aug. 13.
Reel. J. A. Coxe. 2,197,779; Apr. 23.
Reel. L. H. Darling. 2,214,661; Sept. 10.
Reel. H. J. Hogue. 2,202,204; May 28.
Reel. L. J. Jordan. 2,210,920; Aug. 13.
Reel. F. B. McQuiston. 2,191,489; Feb. 27.
Reel. J. W. O'Brien. 2,219,818; Oct. 29.
Reel clutch mechanism. G. P. Torrence, R. F. Bergmann, and C. C. Walters. 2,217,717; Oct. 15.
Reel construction, Portable. E. B. Sackett. 2,217,323; Oct. 8.
Reel for aircraft antennas and the like. W. K. Clements. 2,193,619; Mar. 12.
Reel for blasting cables, Safety. G. T. Atkins. 2,205,056; June 18.
Reel for drying thread or the like. L. J. Jordan. 2,207,739; July 16.
Reel for fishing. E. Bugatti. 2,190,398; Feb. 13.
Reel for fishing lines. L. Mitchell-Henry. 2,193,723; Mar. 12.
Reel for hose, cables, etc. F. L. Smith. 2,219,201; Oct. 22.
Reel for moving picture film. H. R. Pausin. 2,203,101; June 4.
Reel for paper fabricating machines, Rapid change. P. E. Fischer. 2,218,352; Oct. 15.
Reel handle. H. Bowman. 2,198,856; Apr. 30.
Reel, Harvester. O. L. Konow. Re. 21,414; Apr. 2.
Reel jack. R. C. Pierce. 2,215,651; Sept. 24.
Reel lifting means. R. C. Pierce. 2,190,849; Feb. 20.
Reel means for projectors and driving means therefor. P. F. Sperry. 2,207,075; July 9.
Reel mounting. O. Wittel. 2,213,777; Sept. 3.
Reel, Pipe body stainless. W. J. Simonds. Re. 21,564; Sept. 10.
Reel seat. S. A. Morehouse. 2,194,029; Mar. 19.
Reel structure. C. J. Klein. 2,211,471; Aug. 13.
Reel structure. C. J. Klein. 2,211,472; Aug. 13.
Reel structure. W. F. Knebusch. 2,210,912; Aug. 13.
Reeling system and method. E. W. Gent. 2,195,859; Apr. 2.
Reference cabinet. W. Walmsley. 2,190,814; Feb. 20.
Reference stand. P. O. Unger and F. D. Wedge. 2,198,356; Apr. 23.
Refinery wastes, Disposing of. M. L. Chappell. 2,207,610; July 9.
Refining. G. Thayer. 2,191,919; Feb. 27.
Refining, Art of. E. J. Barth. 2,191,089–90; Feb. 20.
Refining furnace. J. R. Wyatt. 2,213,295; Sept. 3.
Refining machine for cocoa-containing and like masses. R. Goll. 2,213,811; Sept. 3.
Refining process. B. Clayton and B. H. Thurman. 2,190,595; Feb. 13.
Refining process. A. P. Hewlett. 2,218,610; Oct. 22.
Reflecting device. J. C. Stimson. 2,205,638; June 25.
Reflecting devices, Making. E. R. Gill, Jr. 2,218,909; Oct. 22.
Reflecting electric lamp. C. Birdseye. 2,219,510; Oct. 29.
Reflecting electric lamp. C. Birdseye. 2,221,629; Nov. 12.
Reflecting electric lamp. C. Birdseye and P. Deren. 2,204,399; June 11.
Reflecting element. S. E. Arbuckle. 2,202,306; May 28.
Reflecting element for use with a flashlight, Detachable and adjustable. L. V. Porter. 2,222,879; Nov. 26.
Reflecting sign. L. St. Cyr. 2,198,061; Apr. 23.
Reflecting surfaces, Making. P. Deren. 2,193,555; Mar. 12.
Reflecting system having two plane reflecting surfaces. U. Schmidt. 2,199,843; May 7.
Reflection elimination device. J. M. Roper. 2,200,300; May 14.
Reflections, Method and apparatus for producing multiple. M. I. Rappaport. 2,222,301; Nov. 19.
Reflector. R. W. Hammarbach. 2,214,369; Sept. 10.
Reflector. M. Kaplowitz. 2,208,131; July 16.
Reflector. E. A. Muller. 2,218,291; Oct. 15.
Reflector. J. A. O'Neil. 2,194,431; Mar. 19.
Reflector. K. C. Welch. 2,194,841; Mar. 26.
Reflector, Christmas tree. F. W. Eckelberg. 2,190,283; Feb. 13.
Reflector device. L. J. and P. Rauch. 2,202,168; May 28.
Reflector device for indicating the position of a car. M. L. Goldberg. 2,200,168; May 7.
Reflector for cameras, Panoramic. D. P. Bennett. 2,216,031; Sept. 24.
Reflector, Multiple lamp. I. J. Libson. 2,216,084; Sept. 24.
Reflector set-up and register table. P. M. Nahmens. 2,223,357; Dec. 3.
Reflector signal. G. Sanger and J. L. Herron. 2,192,817; Mar. 5.
Reflector structure. W. H. Thomas. 2,226,597; Dec. 31.
Reflector unit. R. M. Netz. 2,192,557; Mar. 5.
Refluting machine. C. E. Honeycutt. 2,214,883; Sept. 17.
Refractories, Making. F. Richard. 2,188,921; Feb. 6.
Refractory and making it. R. C. Benner and G. J. Easter. 2,203,770; June 11.
Refractory and making it. I. M. Logan and J. C. McMullen. 2,196,075; Apr. 2.
Refractory and making same. C. J. Kinzie and E. Wainer. 2,220,411–12; Nov. 5.
Refractory and method of making. M. Y. Seaton and H. H. Hartzell. 2,218,485; Oct. 15.
Refractory and method of manufacture. J. D. Morgan. 2,220,019; Oct. 29.
Refractory article and wall. R. C. Benner and J. C. McMullen. 2,226,701; Dec. 31.

Refractory articles, Manufacture of. H. E. White. 2,222,188; Nov. 19.
Refractory block and producing the same, Cast. G. S. Fulcher. 2,201,723; May 21.
Refractory bodies and materials, Making. A. R. Wood. 2,195,949; Apr. 2.
Refractory bodies and materials, Making. A. R. Wood. 2,195,950; Apr. 2.
Refractory, Chemically bonded. F. E. Lathe, N. P. Pitt, and L. Hodnett. 2,218,242–4; Oct. 15.
Refractory investment. E. M. Prosen. 2,209,035; July 23.
Refractory material and producing the same. R. W. Ricker. 2,218,623; Oct. 22.
Refractory material for use in basic process siderothermic furnaces. G. B. Crespi. 2,206,277; July 2.
Refractory material, Preparation of. G. E. Seil. 2,207,072; July 9.
Refractory, Metal cased. V. M. Goldschmidt. 2,216,813; Oct. 8.
Refractory mold material. A. W. Merrick and P. H Beier. 2,211,789; Aug. 20.
Refrigerant compressor. J. Pierotti and O. C. Johnson. 2,209,090; July 23.
Refrigerant compressor control. B. E. Shaw. 2,200,657; May 14.
Refrigerant compressor control system. B. E. Shaw. 2,204,951; June 18.
Refrigerant compressor controller. B. E. Shaw. 2,198,132; Apr. 23.
Refrigerant control system. B. E. Shaw. 2,221,223; Nov. 12.
Refrigerant distributor. J. D. Lear. 2,222,216; Nov. 19.
Refrigerant evaporator. M. F. Booth. 2,212,912; Aug. 27.
Refrigerant evaporator. L. C. Smith. 2,208,169; July 16.
Refrigerant, Purification of. R. B. Taylor. 2,225,669; Dec. 24.
Refrigerant system and apparatus. C. A. Kuebler and W. J. Bolton. 2,207,125; July 9.
Refrigerant system controller. B. E. Shaw. 2,215,057; Sept. 17.
Refrigerant system operable by variable speed compressors including means for controlling compressor capacity. O. U. Zerk and D. R. Vanneman. 2,191,102; Feb. 20.
Refrigerants and methods of transferring heat. J. Fleischer. 2,191,196; Feb. 20.
Refrigerated cabinet. R. E Ottenheimer. 2,225,656; Dec. 24.
Refrigerated case. M. D. MacMaster. 2,201,268; May 21.
Refrigerated container. C. E. Quinn. 2,187,913; Jan. 23.
Refrigerated display cabinet. L. F. Clerc. 2,206,689; July 2.
Refrigerated liquid dispenser. L. C. Love. 2,188,574; Jan. 30.
Refrigerated open display rack. W. H. Fraser. 2,209,690; July 30.
Refrigerated vegetable stand. J. S. Hill. 2,207,586; July 9.
Refrigerating. H. Y. Stebbins. 2,214,975; Sept. 17.
Refrigerating and dispensing apparatus. C. A. Rodman. 2,185,754; Jan. 2.
Refrigerating and heating system. W. Jones. 2,219,815; Oct. 29.
Refrigerating apparatus. D. F. Alexander, C. F. Henney, and C. L. Paulus. Re. 21,503; July 9.
Refrigerating apparatus. C. M. Ashley. 2,218,596; Oct. 22.
Refrigerating apparatus. R. H. Bartels. 2,221,438; Nov. 12.
Refrigerating apparatus. H. E. Blood and O. E. Norberg. 2,223,947; Dec. 3.
Refrigerating apparatus. L. B. M. Buchanan. Re. 21,401; Mar. 19.
Refrigerating apparatus. L. B. M. Buchanan. 2,192,847; Mar. 5.
Refrigerating apparatus. R. R. Candor. 2,227,244; Dec. 31.
Refrigerating apparatus. H. M. Carryl. 2,218,602; Oct. 22.
Refrigerating apparatus. J. C. Chambers. 2,205,117; June 18.
Refrigerating apparatus. G. H. Clark. 2,224,377; Dec. 10.
Refrigerating apparatus. L. F. Clerc. 2,220,888; Nov. 12.
Refrigerating apparatus. H. A. Collins. 2,187,470; Jan. 16.
Refrigerating apparatus. D. E. Dasher. 2,224,219; Dec. 10.
Refrigerating apparatus. H. J. Dick and J. L. Gibson. 2,186,900; Jan. 9.
Refrigerating apparatus. E. Dickey. 2,214,103; Sept. 10.
Refrigerating apparatus. E. J. Dillman. 2,224,099; Dec. 3.
Refrigerating apparatus. R. W. Doeg. 2,199,486; May 7.
Refrigerating apparatus. J. L. Fletcher. 2,222,707; Nov. 26.
Refrigerating apparatus. W. Gilbert, Sr. 2,214,298; Sept. 10.
Refrigerating apparatus. R. E. Gould. 2,191,198; Feb. 20.
Refrigerating apparatus. R. E. Gould. 2,205,138; June 18.
Refrigerating apparatus. A. O. Grooms. 2,189,663; Feb. 6.
Refrigerating apparatus. A. O. Grooms. 2,216,589; Oct. 1.
Refrigerating apparatus. F. W. Hartman. 2,220,447; Nov. 5.
Refrigerating apparatus. J. W. Hatch. 2,208,528; July 16.
Refrigerating apparatus. H. R. Heintzen. 2,208,272; July 16.
Refrigerating apparatus. C. F. Henney. 2,187,569; Jan. 16.
Refrigerating apparatus. C. F. Henney. 2.197.722; Apr. 16.
Refrigerating apparatus. C. F. Henney. 2,199,341; Apr. 30.
Refrigerating apparatus. C. F. Henney. 2,211,568; Aug. 13.
Refrigerating apparatus. C. F. Henney. 2,214,055; Sept. 10.
Refrigerating apparatus. C. F. Henney, D. F. Alexander, and C. L. Paulus. 2,227,257; Dec. 31.
Refrigerating apparatus. W. W. Higham. 2,190,289; Feb. 13.
Refrigerating apparatus. R. E. Holmes. 2,188,350; Jan. 30.
Refrigerating apparatus. H. H. Howeth. 2,215,372; Sept. 17.
Refrigerating apparatus. A. C. Hughes. 2,217,253; Oct. 8.
Refrigerating apparatus. H. B. Hull. 2,214,057; Sept. 10.
Refrigerating apparatus. H. B. Hull. 2,224,819; Dec. 10.
Refrigerating apparatus. J. W. Jacobs. 2,199,798; May 7.
Refrigerating apparatus. J. W. Jacobs. 2,202,105; May 28.
Refrigerating apparatus. J. W. Jacobs. 2,202,734; May 28.
Refrigerating apparatus. J. W. Jacobs. 2,216,592; Oct. 1.
Refrigerating apparatus. C. S. Jennings and F. W. Gerard. 2,221,450; Nov. 12.
Refrigerating apparatus. H. Y. Jennings and F. W. Schouman. 2,217,681; Oct. 15.
Refrigerating apparatus. J. Karmazin. 2,187,035; Jan. 16.
Refrigerating apparatus. J. Karmazin. 2,212,864; Aug. 27.
Refrigerating apparatus. A. D. Karr. 2,188,540; Jan. 30.
Refrigerating apparatus. A. D. Karr. 2,199,463; May 7.
Refrigerating apparatus. D. L. Kaufman. 2,191,925; Feb. 27.
Refrigerating apparatus. D. L. Kaufman. 2,197,582; Apr. 16.
Refrigerating apparatus. D. L. Kaufman. 2,199,498; May 7.
Refrigerating apparatus. J. G. King. 2,215,511; Sept. 24.
Refrigerating apparatus. J. G. King. 2,219,072; Oct. 22.
Refrigerating apparatus. A. A. Kucher. 2,189,494; Feb. 6.
Refrigerating apparatus. C. E. Lewis. 2,200,215; May 7.
Refrigerating apparatus. G. S. McCloy. 2,186,984; Jan. 16.
Refrigerating apparatus. G. S. McCloy. 2,214,697; Sept. 10.
Refrigerating apparatus. L. W. Melcher. 2,213,654; Sept. 3.
Refrigerating apparatus. K. M. Newcum. 2,220,726; Nov. 5.
Refrigerating apparatus. E. B. Newill. 2,185,965; Jan. 2.
Refrigerating apparatus. E. B. Newill. 2,207,596; July 9.
Refrigerating apparatus. E. B. Newill. 2,222,569; Nov. 19.
Refrigerating apparatus. E. B. Newill, A. A. McCormack, G. W. Wolcott, and H. F. Smith. 2,217,807; Oct. 15.
Refrigerating apparatus. D. F. Newman. 2,206,705; July 2.
Refrigerating apparatus. C. F. Nystrom. 2,213,325; Sept. 3.
Refrigerating apparatus. G. C. Pearce. 2,202,165; May 28.
Refrigerating apparatus. L. A. Philipp. 2,188,893; Jan. 30.
Refrigerating apparatus. L. A. Philipp. 2,190,995; Feb. 20.
Refrigerating apparatus. L. A. Philipp. 2,191,623; Feb. 27.
Refrigerating apparatus. L. A. Philipp. 2,199,415; May 7.
Refrigerating apparatus. L. A. Philipp. 2,205,364; June 18.
Refrigerating apparatus. F. M. Prince. 2,192,367; Mar. 5.
Refrigerating apparatus. F. I. Rataiczak. 2,214,086; Sept. 10.

Refrigerating apparatus. W. A. Ray. 2,192,368; Mar. 5.
Refrigerating apparatus. A. B. Reavis. 2,206,428; July 2.
Refrigerating apparatus. D. H. Reeves. 2,190,610; Feb. 13.
Refrigerating apparatus. D. H. Reeves. 2,196,476; Apr. 9.
Refrigerating apparatus. D. H. Reeves. 2,219,079; Oct. 22.
Refrigerating apparatus. G. D. Reinhardt. 2,221,423; Nov. 12.
Refrigerating apparatus. R. J. Ridge. 2,208,267; July 16.
Refrigerating apparatus. E. F. Schweller. 2,185,228; Jan. 2.
Refrigerating apparatus. E. F. Schweller. 2,195,500; Apr. 2.
Refrigerating apparatus. H. D. Shaw. 2,225,932; Dec. 24.
Refrigerating apparatus. E. C. Sittler. 2,190,613; Feb. 13.
Refrigerating apparatus. H. F. Smith. 2,186,844; Jan. 9.
Refrigerating apparatus. H. F. Smith. 2,190,341; Feb. 13.
Refrigerating apparatus. H. F. Smith. 2,203,207; June 4.
Refrigerating apparatus. H. F. Smith. 2,215,534; Sept. 24.
Refrigerating apparatus. N. J. Smith. 2,187,061; Jan. 16.
Refrigerating apparatus. R. M. Smith. 2,199,762; May 7.
Refrigerating apparatus. P. F. Sperry. 2,225,380; Dec. 17.
Refrigerating apparatus. F. F. Starr. 2,221,062; Nov. 12.
Refrigerating apparatus. C. A. Stickel. 2,190,954; Feb. 20.
Refrigerating apparatus. A. J. Stone. 2,215,485–6; Sept. 24.
Refrigerating apparatus. R. H. Swart. 2,220,831; Nov. 5.
Refrigerating apparatus. E. C. Tanner. 2,226,395; Dec. 24.
Refrigerating apparatus. F. L. Tarleton. 2,200,222; May 7.
Refrigerating apparatus. W. H. Teeter. 2,193,243; Mar. 12.
Refrigerating apparatus. W. H. Teeter. 2,201,596; May 21.
Refrigerating apparatus. W. H. Teeter. 2,202,175; May 28.
Refrigerating apparatus. R. E. Tobey. 2,192,849–51; Mar. 5.
Refrigerating apparatus. C. S. Trigg and E. F. Schweller. 2,187,387; Jan. 16.
Refrigerating apparatus. C. E. Waring. 2,191,263; Feb. 20.
Refrigerating apparatus. D. D. Wile. 2,215,947; Sept. 24.
Refrigerating apparatus. W. G. Winkler. 2,187,389; Jan. 16.
Refrigerating apparatus. G. W. Wolcott. 2,193,244; Mar. 12.
Refrigerating apparatus. E. R. Wolfert. 2,218,944; Oct. 22.
Refrigerating apparatus. R. Wussow and F. W. Fechner. 2,221,212; Nov. 12.
Refrigerating apparatus, Absorption. R. S. Nelson. 2,204,226; June 11.
Refrigerating apparatus, Absorption. K. Nesselmann and E. Sprengel. 2,221,551; Nov. 12.
Refrigerating apparatus, Absorption. H. L. Schug. 2,204,233; June 11.
Refrigerating apparatus and method. I. Amundsen. 2,208,716; July 23.
Refrigerating apparatus and method. O. W. Greene. 2,210,031; Aug. 6.
Refrigerating apparatus and method. L. F. Whitney. 2,199,123; Apr. 30.
Refrigerating apparatus and process. A. Schwarz. 2,195,228; Mar. 26.
Refrigerating apparatus of the compression type. W. Rahn. 2,194,171; Mar. 19.
Refrigerating compression cycle. P. Schlumbohm. 2,195,388; Mar. 26.
Refrigerating machine. J. J. Rogers. 2,222,724; Nov. 26.
Refrigerating machine, Absorption. G. Maiuri. 2,193,535; Mar. 12.
Refrigerating machine, Absorption. G. Maiuri. 2,197,001; Apr. 16.
Refrigerating method and apparatus. J. F. Robinson and Van H. King, Jr. 2,190,046; Feb. 13.
Refrigerating plant. J. Reeh. 2,209,137; July 23.
Refrigerating plant, Compression. O. A. F. Kramhft. 2,215,046; Sept. 17.
Refrigerating plant comprising piston operated compressor. O. Zehnder. 2,191,605; Feb. 27.
Refrigerating plant, Electrically operated vacuum. W. von Sauer. 2,200,138; May 7.
Refrigerating plant, Periodical absorption. S. J. Steensen. 2,207,950; July 16.
Refrigerating process and apparatus. A. A. Michalske. 2,190,796; Feb. 20.
Refrigerating solution, Neutral. H. A. Noyes. 2,211,153; Aug. 13.
Refrigerating system. F. B. Downing and W. H. Markwood, Jr. 2,212,826; Aug. 27.
Refrigerating system. G. C. George. 2,193,170; Mar. 12.
Refrigerating system. A. F. Hoesel. 2,195,924; Apr. 2.
Refrigerating system. C. W. Kuhn. 2,210,035; Aug. 6.
Refrigerating system. C. W. Leegard. 2,195,990; Apr. 2.
Refrigerating system. J. J. Strang. 2,221,530; Nov. 12.
Refrigerating system. E. Voorhees and R. G. Ewer. 2,225,491; Dec. 17.
Refrigerating system, Absorption. A. D. Siedle. 2,224,201; Dec. 10.
Refrigerating system and process, Multiple quick acting. A. Schwarz. Re. 21,600; Oct. 15.
Refrigerating system, Mobile. P. Schlumbohm. 2,195,389; Mar. 26.
Refrigerating unit. L. Patrignani. 2,199,413; May 7.
Refrigerating unit, Air cooled continuous absorption. J. L. Campbell. 2,210,898; Aug. 13.
Refrigerating units and like apparatus, Drying. F. A. Watson, G. W. Slomin, and E. W. Dietrich. 2,223,588; Dec. 3.
Refrigeration. P. P. Anderson, Jr. 2,203,074; June 4.
Refrigeration. S. W. E. Andersson. 2,195,293; Mar. 26.
Refrigeration. S. W. E. Andersson. 2,197,201; Apr. 16.
Refrigeration. S. W. E. Andersson. 2,204,060; June 11.
Refrigeration. S. W. E. Andersson. 2,208,783; July 23.
Refrigeration. S. W. E. Andersson. 2,210,613; Aug. 6.
Refrigeration. S. W. E. Andersson. 2,226,797; Dec. 31.
Refrigeration. W. E. Beline. 2,223,882; Dec. 3.
Refrigeration. R. H. Beman. 2,206,999; July 9.
Refrigeration. H. K. Bergholm. 2,201,362; May 21.
Refrigeration. F. R. Bichowsky. 2,212,852; Aug. 27.
Refrigeration. G. M. Blomqvist and S. F. Torstensson. 2,212,111; Aug. 20.
Refrigeration. G. M. Blomqvist and S. F. Torstensson. 2,219,439; Oct. 29.
Refrigeration. I. J. Clark. 2,206,631; July 2.
Refrigeration. L. F. Clerc. 2,191,518; Feb. 27.
Refrigeration. D. Crampton. 2,185,332; Jan. 2.
Refrigeration. P. Dodge. 2,196,778; Apr. 9.
Refrigeration. W. R. Hainsworth. 2,196,527; Apr. 9.
Refrigeration. R. L. Hallock. Re. 21,362; Feb. 20.
Refrigeration. R. L. Hallock. 2,215,324; Sept. 17.
Refrigeration. W. H. Kitto. 2,212,663; Aug. 27.
Refrigeration. W. H. Kitto and A. D. Siedle. 2,203,497; June 4.
Refrigeration. D. B. Knight. 2,188,476; Jan. 30.
Refrigeration. W. G. Kögel and P. P. Strandberg. 2,194,505; Mar. 26.
Refrigeration. W. A. Kuenzli. 2,203,023; June 4.
Refrigeration. W. A. Kuenzli. 2,207,260; July 9.
Refrigeration. W. A. Kuenzli. 2,208,798; July 23.
Refrigeration. P. J. Lammers and A. F. Laible. 2,187,041; Jan. 16.
Refrigeration. A. Lenning. 2,199,077; Apr. 30.
Refrigeration. A. Lenning. 2,206,411; July 2.
Refrigeration. A. Lenning. 2,221,145; Nov. 12.
Refrigeration. F. B. Parker. 2,188,372; Jan. 30.
Refrigeration. F. D. Peltier. 2,210,496; Aug. 6.
Refrigeration. D. E. Perham and R. A. Whitney. 2,207,333; July 9.
Refrigeration. H. B. Pownall. 2,223,900; Dec. 3.
Refrigeration. R. C. Roe. 2,201,099; May 14.
Refrigeration. H. Romanski. 2,204,382; June 11.
Refrigeration. A. W. Ruff. 2,200,302; May 14.
Refrigeration. H. C. Shagaloff. 2,195,288; Mar. 26.
Refrigeration. H. C. Shagaloff. 2,212,277; Aug. 20.
Refrigeration. A. C. Smith. 2,207,701; July 16.
Refrigeration. R. S. Taylor. 2,195,604; Apr. 2.
Refrigeration. R. S. Taylor. 2,210,511; Aug. 6.
Refrigeration. R. S. Taylor. 2,210,607; Aug. 6.
Refrigeration. R. S. Taylor. 2,222,548; Nov. 19.
Refrigeration. A. R. Thomas. 2,207,838; July 16.
Refrigeration. H. M. Ullstrand. 2,191,550–1; Feb. 27.
Refrigeration. H. M. Ullstrand. 2,192,338; Mar. 5.
Refrigeration. H. M. Ullstrand. 2,202,360; May 28.
Refrigeration. H. M. Ullstrand. 2,210,609; Aug. 6.
Refrigeration. H. M. Ullstrand. 2,212,281; Aug. 20.
Refrigeration. H. M. Ullstrand. 2,215,674; Sept. 24.
Refrigeration. H. M. Ullstrand. 2,223,752; Dec. 3.
Refrigeration. M. Wexler. 2,227,168; Dec. 31.
Refrigeration. N. E. Widell. 2,210,611; Aug. 6.
Refrigeration apparatus. W. B. Anderson. Re. 21,535; Aug. 20.
Refrigeration apparatus. W. B. Anderson and G. E. Hanner. 2,215,991; Sept. 24.
Refrigeration apparatus. W. Ardito. 2,225,678; Dec. 24.
Refrigeration apparatus. L. B. M. Buchanan. 2,192,848; Mar. 5.
Refrigeration apparatus. C. R. Buchet. 2,199,779; May 7.
Refrigeration apparatus. F. R. Erbach. 2,186,782; Jan. 9.
Refrigeration apparatus. D. P. Heath. 2,191,715; Feb. 27.
Refrigeration apparatus. T. W. Rundell. 2,194,177; Mar. 19.
Refrigeration apparatus. T. W. Rundell. 2,202,803; May 28.
Refrigeration apparatus. E. W. Straub. 2,211,527; Aug. 13.

Refrigeration apparatus. H. D. White. 2,220,695; Nov. 5.
Refrigeration apparatus. O. H. Yoxsimer. 2,209,869; July 30.
Refrigeration apparatus. O. H. Yoxsimer. 2,213,155; Aug. 27.
Refrigeration apparatus and method. A. H. Kelly. 2,214,698; Sept. 10.
Refrigeration apparatus for air conditioned passenger vehicles. S. M. Anderson. 2,212,579; Aug. 27.
Refrigeration compressor. F. K. Smith and C. M. Brown. 2,191,326; Feb. 20.
Refrigeration, Continuous absorption. A. D. Siedle. 2,220,295; Nov. 5.
Refrigeration control. W. H. Kitto. 2,203,496; June 4.
Refrigeration control system. W. L. McGrath. 2,191,965; Feb. 27.
Refrigeration control system. A. B. Newton. 2,198,174; Apr. 23.
Refrigeration control system. A. B. Newton. 2,200,477; May 14.
Refrigeration control system. A. B. Newton. 2,209,102; July 23.
Refrigeration control system. A. B. Newton. 2,210,325; Aug. 6.
Refrigeration control system. A. B. Newton. 2,226,296; Dec. 24.
Refrigeration control system. J. E. Robb. 2,222,989; Nov. 26.
Refrigeration control system. C. B. Spangenberg. 2,226,297; Dec. 24.
Refrigeration controller. W. E. Whitney. 2,222,210; Nov. 19.
Refrigeration, Household. L. F. Whitney. 2,199,976; May 7.
Refrigeration method. A. W. Wood. 2,214,699; Sept. 10.
Refrigeration process. F. L. Koethen. 2,186,028; Jan. 9.
Refrigeration, Process of and apparatus for. A. Schwarz. Re. 21,599; Oct. 15.
Refrigeration system. W. L. McGrath. 2,195,220; Mar. 26.
Refrigeration system. R. H. Money. 2,198,258; Apr. 23.
Refrigeration system. A. B. Newton. 2,209,101; July 23.
Refrigeration system, Absorption. R. Bloch and F. Goldberger. 2,192,824; Mar. 5.
Refrigeration system, Absorption. N. T. Branche, E. H. Ryden, and A. C. Shickler. 2,193,389; Mar. 12.
Refrigeration system, Vehicle. L. A. Nelson. 2,214,933; Sept. 17.
Refrigeration test method. C. E. Roberts. 2,188,303; Jan. 30.
Refrigeration unit. E. W. Lager. 2,202,954; June 4.
Refrigeration unit, Hold-over. F. J. Heideman. 2,188,349; Jan. 30.
Refrigeration, Vehicle. S. F. Torstensson. 2,194,530; Mar. 26.
Refrigerator. L. W. Atchison. 2,219,833; Oct. 29.
Refrigerator. C. F. Belshaw. 2,189,390; Feb. 6.
Refrigerator. H. K. Bergholm. 2,211,713; Aug. 13.
Refrigerator. A. L. Flamm. 2,213,274; Sept. 3.
Refrigerator. J. H. Ganzer. 2,201,998; May 28.
Refrigerator. H. D. Harper. 2,212,710; Aug. 27.
Refrigerator. W. T. Hedlund. 2,199,881; May 7.
Refrigerator. W. T. Hedlund. 2,215,665; Sept. 24.
Refrigerator. M. Hokanson. Re. 21,646; Dec. 3.
Refrigerator. K. Ito. 2,222,201; Nov. 19.
Refrigerator. G. G. Johnson. 2,200,502; May 14.
Refrigerator. A. Katzow. 2,187,497; Jan. 16.
Refrigerator. W. A. Kuenzli. 2,226,617; Dec. 31.
Refrigerator. W. J. La Casse. 2,222,670; Nov. 26.
Refrigerator. A. Lenning. 2,186,805; Jan. 9.
Refrigerator. C. E. L. Lipman. Re. 21,364; Feb. 20.
Refrigerator. H. L. Merrill. 2,225,404; Dec. 17.
Refrigerator. W. P. Murphy. 2,214,474; Sept. 10.
Refrigerator. C. H. Nauert. 2,217,875; Oct. 15.
Refrigerator. J. Nemec. 2,225,924; Dec. 24.
Refrigerator. D. F. Newman. 2,199,245; Apr. 30.
Refrigerator. W. Oelmann. 2,225,926; Dec. 24.
Refrigerator. T. I. Potter. 2,219,789; Oct. 29.
Refrigerator. L. Ruthenburg. 2,185,953; Jan. 2.
Refrigerator. K. F. Schmidt. 2,222,543; Nov. 19.
Refrigerator. W. G. Seeger. 2,187,916; Jan. 23.
Refrigerator. R. E. Sparks. 2,190,388; Feb. 13.
Refrigerator. G. Thomas. 2,198,508; Apr. 23.
Refrigerator. O. H. Yoxsimer. 2,194,176; Mar. 19.
Refrigerator. K. E. Zeidler. 2,226,795; Dec. 31.
Refrigerator, Air circulating mechanical. L. C. Montgomery. 2,225,706; Dec. 24.
Refrigerator and shelving therefor. C. C. Pape. 2,217,810; Oct. 15.
Refrigerator and temperature regulation therein. J. H. Hoffberger. 2,216,078; Sept. 24.
Refrigerator apparatus. J. G. Scott. 2,192,562; Mar. 5.
Refrigerator, Automatically humidified and ventilated. H. J. Burden. 2,188,526; Jan. 30.
Refrigerator cabinet. H. D. White. 2,212,964; Aug. 27.
Refrigerator cabinet construction. R. W. Hull. 2,208,795; July 23.
Refrigerator cabinet construction J. C. Moore. 2,214,535; Sept. 10.
Refrigerator car. G. G. Gilpin. 2,207,678; July 9.
Refrigerator car. A. A. Helwig. 2,198,772; Apr. 30.
Refrigerator car. F. A. Isaacson. 2,199,073; Apr. 30.
Refrigerator car. V. E. West. 2,187,291; Jan. 16.
Refrigerator car. R. B. Winship. 2,214,544; Sept. 10.
Refrigerator car construction. C. E. Crede. 2,204,665; June 18.
Refrigerator car construction. V. E. West. 2,207,674; July 9.
Refrigerator car floor rack. G. G. Gilpin. 2,207,679; July 9.
Refrigerator car wall. G. G. Gilpin. 2,211,618; Aug. 13.
Refrigerator closure. F. W. Knowles. 2,215,964; Sept. 24.
Refrigerator construction. H. Morley and J. C. Buchanan. 2,193,488; Mar. 12.
Refrigerator control. J. W. Brown and M. A. Pierce. 2,198,328; Apr. 23.
Refrigerator control. L. B. M. Buchanan. 2,192,846; Mar. 5.
Refrigerator control. E. G. Gaynor. 2,200,599; May 14.
Refrigerator control. R. W. Hastings. 2,192,853; Mar. 5.
Refrigerator control. R. W. Hastings. 2,192,855; Mar. 5.
Refrigerator control. R. W. Johnson. 2,224,053; Dec. 3.
Refrigerator defrosting system. G. E. Clancy. 2,196,291; Apr. 9.
Refrigerator door. H. D. Geyer. 2,190,233; Feb. 13.
Refrigerator door. H. D. King. 2,192,519; Mar. 5.
Refrigerator door latch. A. H. Groeger. 2,212,563; Aug. 27.
Refrigerator, Dry ice. W. N. Nicholls. 2,225,792; Dec. 24.
Refrigerator, Electric. J. K. Butler. Re. 21,423; Apr. 16.
Refrigerator freight car. R. K. Schwebs. 2,203,108; June 4.
Refrigerator latch. W. F. Dart. 2,204,053; June 11.
Refrigerator, Liquid fuel fired absorption. L. S. Chadwick. 2,212,364 · Aug. 20.
Refrigerator, Portable. J O Brelsford and J. T. Conlon. 2,200,465; May 14.
Refrigerator structure. G. R. Loveless. 2,187,274; Jan. 16.
Refrigerator structure and corner construction therefor. C. D. Wallach. 2,220,501; Nov. 5.
Refrigerator structure and insulation therefor. C. D. Wallach. 2,196,373; Apr. 9.
Refrigerator system, Absorption cycle. W. J. Guzik. 2,197,303; Apr. 16.
Refrigerator top. R. E. Baker. 2,189,389; Feb. 6.
Refrigerator unit mounting. W. B. Anderson. 2,195,804; Apr. 2.
Refuse and the like waste materials, Treating household and town. K. Petersen. 2,200,677; May 14.
Refuse burner. K. C. Herrick. 2,220,369; Nov. 5.
Refuse collecting container. H. Linde. 2,223,690; Dec. 3.
Regenerative furnace. P. D. Nielsen. 2,212,697; Aug. 27.
Regenerator and method of operation. C. P. Guthrie and F. H. Loftus. 2,224,344; Dec. 10.
Regenerator furnace. T. A. Chambers, C. E. Davis, A. F. Franz, and J. T. Whiting. 2,226,922; Dec. 31.
Register. S. Branner. 2,192,430; Mar. 5.
Register. R. R. Dean. 2,207,974; July 16.
Register. G. W. Francis, Sr. 2,209,494; July 30.
Register. G. H. Henrietta. 2,211,115; Aug. 13.
Register. J. E. Hopping. 2,193,629; Mar. 12.
Register. W. G. Orth. 2,193,641; Mar. 12.
Register. W. L. Paden. 2,201,319; May 21.
Register, Adjustable air. R. C. Vroom. 2,210,476; Aug. 6.
Register, Air. L. A. Hicks. 2,202,524; May 28.
Register, Air conditioning. C. Demuth. 2,190,937; Feb. 20.
Register, Autographic. R. Katz and H. J. Waechter. 2,204,220; June 11.
Register, Autographic. M. Macdonald. 2,205,016; June 18.
Register, Autographic. H. J. Waechter. 2,211,304; Aug. 13.
Register, Automatic air distributing. F. Johnston. 2,196,308; Apr. 9.
Register, Call. G. Kiner. 2,192,747; Mar. 5.
Register, Cash. E. Breitling. 2,209,763; July 30.
Register, Cash. A. R. Colley and J. B. Geers. 2,210,065; Aug. 6.
Register, Cash. J. B. Geers and A. R. Colley. 2,209,771; July 30.
Register, Cash. C. W. Green. 2,209,773; July 30.
Register, Cash. W. S. Gubelman. 2,226,919; Dec. 31.
Register, Cash. W. J. Pasinski. 2,208,050; July 16.
Register, Cash. B. M. Shipley. 2,210,099; Aug. 6.
Register, Cash. E. Wagner. 2,203,115–16; June 4.
Register, Computer. J. B. Hoye and E. A. Slye. 2,193,320; Mar. 12.
Register control of color printing presses. F. H. Gulliksen. 2,205,255; June 18.
Register drive, Compensated. W. H. Marsh. 2,191,766; Feb. 27.
Register for burners, Air. A. L. Baker. 2,211,684; Aug. 13.
Register for meters, Resettable. R. A. Road. 2,218,552; Oct. 22.
Register, Manifolding. W. G. Borchers. 2,212,853; Aug. 27.
Register, Manifolding. C. W. Brenn. 2,189,724; Feb. 6.
Register mechanism. P. H. Durup. 2,208,048; July 16.
Register mechanism. G. J. Grizey. 2,191,616; Feb. 27.

Register regulator control. F. H. Gulliksen. 2,195,006; Mar. 26.
Register, Remote reading. B. A. Wallace. 2,192,421; Mar. 5.
Register system for watchmen. E. L. Overstreet and E. L. Harris. 2,203,741; June 11.
Register, Warm air. A. M. Teevin. 2,203,552; June 4.
Registering and clamping mechanism. H. A. W. Wood and P. R. Long. 2,187,293; Jan. 16.
Registering and computing mechanism. H. L. Spaunburg and E. A. Slye. 2,219,024; Oct. 22.
Registering and holding device for multicolor printing. F. Shurley. 2,211,175; Aug. 13.
Registering device. E. A. Sageman. 2,208,164; July 16.
Registering device. E. Seignol and P. Revel. 2,198,063; Apr. 23.
Registering device for label machines. E. E. Essen. 2,222,504; Nov. 19.
Registering device for strip material. W. C. Broekhuysen. 2,188,871; Jan. 30.
Registering mechanism. J. L. Ford. 2,191,140; Feb. 20.
Registration control system. F. H. Gulliksen. 2,208,420; July 16.
Reglet. R. E. Willis. 2,226,886; Dec. 31.
Reglet and counterflashing securing member. B. Hanson. 2,219,992; Oct. 29.
Reglet for concrete construction, Metal flashing. H. E. Voegeli. 2,197,542; Apr. 16.
Regulated rectifier circuit. L. E. Milarta. 2,196,680; Apr. 9.
Regulating apparatus. H. H. Clayton. 2,209,051; July 23.
Regulating apparatus. J. C. Hornung. 2,209,566; July 30.
Regulating apparatus. K. Saur. 2,189,475; Feb. 6.
Regulating arrangement for high frequency receivers. H. Johannson. 2,205,562; June 25.
Regulating device. R. E. Cushing. 2,207,658; July 9.
Regulating device applied to flush valves. Y. Regnell. 2,210,860; Aug. 6.
Regulating device for air heating plants in railway vehicles, Automatic. F. von Schütz and B. Vogée. 2,199,531; May 7.
Regulating device for compressed fluid generators of the free pistons type. R. P. Pescara. 2,200,892; May 14.
Regulating device for through-flow tubuluar steam generators. V. Juzi. 2,202,495; May 28.
Regulating gate. J. H. Fitzgerald. 2,209,115; July 23.
Regulating means for elastic fluid turbine. A. D. Somes. 2,193,658; Mar. 12.
Regulating system. R. A. Braden. 2,189,777; Feb. 13.
Regulating system. R. A. Braden. 2,210,393–4; Aug. 6.
Regulating system. J. F. Kovalsky. 2,221,588; Nov. 12.
Regulating system. L. A. Meacham. 2,207,748; July 16.
Regulating system. J. T. Midyette, Jr. 2,218,454; Oct. 15.
Regulating system. A. F. Spitzglass. 2,223,837; Dec. 3.
Regulating system. R. Tröger. 2,186,847; Jan. 9.

Regulator: *See*—

Air circulator and temperature regulator.
Automatic regulator.
Automatic speed regulator.
Chart drive regulator.
Combustion regulator.
Compressor regulator.
Current regulator.
Damper regulator.
Differential regulator.
Draft regulator
Electric regulator.
Electrical regulator.
Electronic regulator.
Fluid flow regulator.
Fluid pressure regulator.
Furnace regulator.
Gas flow regulator.
Gas pressure regulator.
Gas regulator.
Generator regulator.
Generator voltage regulator.
Large-capacity regulator.
Liquid pressure actuated regulator.
Mechanical clearance regulator.
Multistage regulator.
Oil cleaner and temperature regulator.
Oil pressure regulator.
Oxygen regulator.
Parking regulator.
Pressure regulator
Pulp density regulator.
Pump output regulator.
Radiator overflow regulator.
Self-acting regulator.
Speed regulator.
Static pressure regulator.
Temperature regulator.
Tension regulator.
Two-direction movement regulator
Voltage regulator.
Window regulator.

Regulator. L. J. Adams and F. Bracken. 2,200,352; May 14.
Regulator. W. S. Dickson. 2,208,122; July 16.
Regulator. D. W. Exner. 2,205,350; June 18.
Regulator. F. H. Gulliksen. 2,205,254; June 18.
Regulator. C. R. Hanna. 2,186,243; Jan. 9.
Regulator. J. F. Kovalsky. 2,221,586; Nov. 12.
Regulator. J. M. Larson. 2,216,246; Oct. 1.
Regulator. V. P. Palmer. 2,192,327; Mar. 5.
Regulator. A. J. Rosenberger. 2,220,176; Nov. 5.
Regulator. A. F. Spitzglass and O. T. Handwerk. 2,220,180; Nov. 5.
Regulator. B. F. Waddell. 2,197,229; Apr. 16.
Regulator and burner apparatus. A. F. Schumann and A. J. Turpin. 2,219,119; Oct. 22.
Regulator and control for fluid fuel burners, Air volume. T. H. Smoot. 2,215,941; Sept. 24.
Regulator and relief valve, Combined. J. M. Wilkins. 2,213,789; Sept. 3.
Regulator and relief valve device, Combined. R. W. Thomas. 2,212,626; Aug. 27.
Regulator control circuit. O. P. McCarty. 2,216,596; Oct. 1.
Regulator for air-conditioning systems, Air-flow. H. E. Durst. 2,192,007; Feb. 27.
Regulator for beet toppers. W. E. Urschel. 2,192,247; Mar. 5.
Regulator for coarse and fine regulation, Inductive. R Bauer. 2,201,642; May 21.
Regulator for combustion apparatus, Draft. 2,223,918; Dec. 3.
Regulator for electric furnaces, Throttling. child. 2,218,464; Oct. 15.
Regulator for engine driven generators. 2,202,849; 2,226,705; Dec. 31.
Regulator for furnaces and other apparatus, Electric. G. A. F. Machlet. Re. 21,345; Feb. 6.
Regulator for golf club heads, Weight. J. F. Sullivan. 2,198,981; Apr. 30.
Regulator for heating apparatus and the like, Automatic. L. Holland-Letz. 2,206,566; July 2.
Regulator for sizing devices, Pressure. H. E. Balsiger. 2,220,470; Nov. 5.
Regulator for time delay circuits. H. B. Martin. 2,203,468; June 4.
Regulator for tractors, Hillside. C. E. White. 2,215,571; Sept. 24.
Regulator, Service. F. Niesemann. Re. 21,597; Oct. 8.
Regulator system. S. Minneci. 2,216,599; Oct. 1.
Regulator system. S. D. Sprong. 2,224,067; Dec. 3.
Regulator system for beaters and similar loads. J. G. Stephenson. 2,210,691; Aug. 6.
Reheating method and furnace. H. Puppe. 2,222,372; Nov. 19.
Reigniter for automobile heaters. H. J. D. McCollum. 2,192,688; Mar. 5.
Reinforced structure. H. Nagin. 2,211,513; Aug. 13.
Reinforcement for concrete. L. Herzka. 2,191,233; Feb. 20.
Reinforcement for concrete pipe and centrifugal mold for the same. J. G. Prosser. 2,227,153; Dec. 31.
Reinforcement for contact members. J. W. Samzelius. 2,221,607; Nov. 12.
Reinforcing member for the springs of motor driven vehicles. A. P. C. Dell. 2,205,086; June 18.
Reinserter, Background. A. D. Blumlein and E. L. C. White. 2,227,056; Dec. 31.
Relasting machine. J. S. Kamborian. 2,211,782; Aug. 20.
Relasting machine. J. T. Lancaster. 2,226,774; Dec. 31.
Relasting machine. H. J. Willmott. 2,211,804; Aug. 20.
Relaxation apparatus. K. Schlesinger. 2,224,116; Dec. 3.
Relaxation arrangement for deflecting cathode rays. H. Diebold. 2,225,469; Dec. 17.
Relay. H. Dommer. 2,215,212; Sept. 17.
Relay. C. N. Hickman and E. Lakatos. 2,212,830; Aug. 27.
Relay. M. Nelsen and T. Obszarny. 2,208,225; July 16.
Relay. J. E. Ostline. 2,199,570; May 7.
Relay. H. Ziebolz. 2,223,712; Dec. 3.
Relay, Automatic paralleling. P. Thomas. 2,208,402; July 16.
Relay circuit. F. H. Gulliksen. 2,221,580; Nov. 12.
Relay contact. A. H. Lamb. 2,193,731; Mar. 12.
Relay device. P. L. Betz. 2,194,634; Mar. 26.
Relay, Electric inductor. L. E. Wells. 2,189,597; Feb. 6.
Relay, Electromagnetic. K. Müller. 2,186,340; Jan. 9.
Relay, Frequency responsive. W. R. Koch. 2,194,559; Mar. 26.
Relay, Gang. B. A. Wallace. 2,209,214; July 23.
Relay, High speed presetting. R. D. Evans. 2,189,630; Feb. 6.
Relay, Interlocking. J. M. Evans and E. J. Phillips. 2,203,779; June 11.
Relay, Interlocking. F. T. Fereday. 2,186,670; Jan. 9.
Relay, Minimum pressure. R. C. Kirchhoff. 2,226,865; Dec. 31.
Relay, Network protector. W. R. Bullard. 2,196,138; Apr. 2.
Relay, Out-of-step blocking. H. R. Vaughan. 2,210,693;
Relay, Polarized dynamic. E. Klein. 2,227,351; Dec. 31.
Relay, Reset overload. L. Pierce. 2,195,012; Mar. 26.
Relay system for eliminating direct-current effects of transients. R. D. Evans. 2,192,035; Feb. 27.
Relay testing method and apparatus. W. D. Buckingham. 2,212,634; Aug. 27. Aug. 6.
Relay, Time-element. W. V. Johnson. 2,210,669; Aug. 6.
Relay, Two-stage. W. L. McGrath. 2,211,701; Aug. 13.
Relay, Vibrating piezoelectric. W. P. Mason. 2,195,417; Apr. 2.
Relay, Voltage regulating. E. D. T. Norris and N. Newton. 2,198,736; Apr. 30.
Releasable coupling. O. W. Bruce. 2,222,018; Nov. 19.
Release device for wringers. W. L. Kauffman. 2,202,775–6; May 28.
Release for ironer shoe. J. W. Jensen. 2,186,787; Jan. 9.
Release for wringers, Safety. J. Mikulasek. 2,188,009; Jan. 23.
Release means for brake systems, Quick. E. S. Cook and J. Canetta. 2,215,347; Sept. 17.
Release mechanism for semiautomatic firearms. N. L. Brewer. 2, 224,758; Dec. 10.

Release valve. E. L. Dyer. 2,190,980; Feb. 20.
Release valve. F. A. Waterman. 2,202,411; May 28.
Release valve, Oil well bottom. H. R. Toney. 2,192,945; Mar. 12.
Releasing device for electric switches. E. Besag. 2,199,477; May 7.
Releasing overload spring. J. Martin. 2,209,632; July 30.
Relief valve. W. T. Birch. 2,205,463; June 25.
Relief valve. J. C. Crowley. 2,190,352; Feb. 13.
Relief valve. J. P. Johnson. 2,217,056; Oct. 8.
2,191,326; H. J. Sands. 2,200,124; May 7.
Refrigeration. W. D. Schanck. 2,189,084; Feb. 6.
2,220,295; W. D. Schanck and G. Cudney. 2,201,837; May 21.
Relief valve, Supercharger. K. A. Browne and F. B. Hunter. 2,196,247; Apr. 9.
Relieving attachment. W. F. and W. L. Groene. 2,214,996; Sept. 17.
Relieving attachment for lathes. W. F. Groene. 2,202,287; May 28.
Relooping machine, Pneumatic. B. H. Gostkowski. 2,186,603; Jan. 9.
Remedy for infection by cocci and manufacturing it. R.
Reminder, Daily. S. D. Gordon. 2,193,277; Mar. 12.
and M. Hilgermann. 2,220,331; Nov. 5.
Remote control. J. A. Fusella. 2,208,364; July 16.
Remote control. E. W. Gent. 2,189,548; Feb. 6.
Remote control. B. C. Kempson. 2,226,821; Dec. 31.
Remote control and indication system. H. S. Young. 2,215,897; Sept. 24.
Remote control apparatus. G. W. Baughman. 2,208,446; July 16.
Remote control apparatus. R. Mordin. 2,206,550; July 2.
Remote control apparatus. J. A. Ramos. 2,200,680; May 14.
Remote control device. L. J. Andres. Re. 21,462; May 28.
Remote control device. E. Marec. 2,223,692; Dec. 3.
Remote control device. C. G. Seright. 2,204,054; June 11.
Remote control device, Electrically operated. F. W. Rahrer and S. Edelman. 2,208,948; July 23.
Remote control device, Electromagnetic. E. A. Derungs. 2,220,813; Nov. 5.
Remote control device for sound records. T. M. Wright. 2,220,434; Nov. 5.
Remote control for governors. A. C. Hoof. 2,202,422; May 28.
Remote control for latches and locks. H. H. Raymond. 2,222,553; Nov. 19.
Remote control for radio receivers. D. C. Fierce. 2,219,919; Oct. 29.
Remote control for radio receivers. W. E. Gilbert. 2,206,181; July 2.
Remote control for radio receivers. J. K. Kahn and E. G. Skoog. 2,223,619; Dec. 3.
Remote control for radio receiving sets. V. A. Reinholz and E. H. Scholz. 2,206,512; July 2.
Remote control mechanism. W. Meyer and H. C. Krone. 2,222,420; Nov. 19.
Remote control, Selective. W. Koenig. 2,203,358; June 4.
Remote control system. G. W. Baughman. 2,224,374; Dec. 10.
Remote control system. E. F. Chandler. 2,208,119; July 16.
Remote control system. E. C. S. Clench. 2,205,346; June 18.
Remote control system. P. H. Crago. 2,187,414; Jan. 16.
Remote control system. F. P. Gohorel. 2,209,883; July 30.
Remote control system. B. W. Jones. 2,201,863; May 21.
Remote control system. L. V. Lewis. 2,216,820; Oct. 8.
Remote control system. G. A. Moffett. 2,201,868; May 21.
Remote control system. C. S. Snavely. 2,206,435; July 2.
Remote control system, Fluid pressure. S. M. Parker. 2,207,491; July 9.
Remote control system, Liquid pressure. F. Brown. 2,186,235; Jan. 9.
Remote control system, Liquid pressure. R. M. Nardone. 2,207,635; July 9.
Remote control system, Liquid pressure. S. M. Parker. 2,219,488; Oct. 29.
Remote control, System of. R. N. Conwell and A. S. Brookes. 2,213,384; Sept. 3.
Remote controlling apparatus. L. V. Lewis. 2,197,130; Apr. 16.
Remote indicating system. S. G. Frantz. 2,188,145; Jan. 23.
Removable folding table. R. C. Miller and D. R. Nichols. 2,226,735; Dec. 31.
Remover and inserter. E. L. Ragland. 2,216,676; Oct. 1.
Renewable type filter. G. R. McCormick and R. G. Russell. 2,201,628; May 21.
Renin, Extraction and purification of. W. W. Swingle. 2,226,452; Dec. 24.
Repairs, Making. H. W. Harman. 2,198,167; Apr. 23.
Repeater fuse switch. C. A. Fox. 2,217,589; Oct. 8.
Repeater, Regenerative. W. T. Rea. 2,186,150; Jan. 9.
Repeating cut-out construction. W. O. Schultz and A. G. Steinmayer. 2,210,502; Aug. 6.
Repelling device. P. A. Hunicke. 2,192,082; Feb. 27.
Reproducer. L. B. Cornwell. 2,186,576; Jan. 9.
Reproducer for sound films. O. K. Kolb. 2,191,795; Feb. 27.
Reproducing machine. E. J. Cook. 2,225,821; Dec. 24.
Reproduction of a design, Creating a marginally reduced. O. R. Huggins. 2,191,483; Feb. 27.
Reseating tool. H. D. Waters. 2,192,116; Feb. 27.
Reservoir. B. O. Mahaffey. 2,211,958; Aug. 20.
Reservoir desk stand. H. S. Wright and L. P. Martin. 2,215,630; Sept. 24.
Reset mechanism, Automatic. W. H. Edmondson. 2,208,753; July 23.
Reset mechanism, Automatic. W. H. Gille. 2,208,560; July 23.
Reset mechanism, Automatic. H. E. Hartig. 2,208,761; July 23.
Reset mechanism, Automatic. W. L. McGrath. 2,208,563; July 23.
Resetter for counters. W. A. Kennedy and E. R. Carpenter. 2,224,396; Dec. 10.
Resetter for weft replenishing looms. R. G. Turner. 2,222,994; Nov. 26.
Resetting apparatus. L. E. Whittaker. 2,192,251; Mar. 5.
Resetting means for liquid dispensing apparatus computing registering mechanism. E. M. Orbeck. 2,190,626; Feb. 13.
Resetting mechanism for weft replenishing looms. R. G. Turner. 2,222,995; Nov. 26.
Residue, Purification of still. S. G. Burroughs and F. W. Corkery. 2,209,316; July 30.
Residues, Purification of aromatic still. S. G. Burroughs. 2,209,317; July 30.
Residues, Recovery of unfermentable. L. M. Christensen. 2,225,428; Dec. 17.
Residues, Treating cracking still. W. H. Carmody. 2,210,395; Aug. 6.
Residuum, Treatment of cracked. R. C. Laatsch. 2,218,649; Oct. 22.
Resilient coupling for tubing. R. D. McIntosh. 2,212,745; Aug. 27.
Resilient flexible coupling. W. S. Campbell. 2,227,333; Dec. 31.
Resilient material, Pervious. R. B. Kingman. 2,220,962; Nov. 12.
Resilient mounting. C. Saurer. 2,196,428; Apr. 9.
Resilient support. C. Saurer. 2,215,743; Sept. 24.
Resilient wheel. N. G. A. Malmquist. 2,220,417; Nov. 5.
Resin acid lactone, Producing a. T. Hasselstrom. 2,225,246; Dec. 17.
Resin and certain uses therefor, Synthetic. C. Ellis. 2,198,378; Apr. 23.
Resin and its preparation. A. H. Gleason. 2,216,941; Oct. 8.
Resin and making same. C. Ellis. 2,197,855; Apr. 23.
Resin and making same, Glycol-maleic acid. C. Ellis. 2,195,362; Mar. 26.
Resin and making same, Phenol-urea. K. Loos. 2,205,427; June 25.
Resin and making same, Synthetic. I. Rosenblum. 2,207,384; July 9.
Resin and process of making, Licanic acid. A. E. Rheineck and B. Rabin. 2,192,152; Feb. 27.
Resin and process of producing. L. C. Hall. 2,193,026; Mar. 12.
Resin and producing same, Dispersion of paracoumarone. E. G. Kerr. 2,217,119; Oct. 8.
Resin, Chlorinated synthetic. M. H. Arveson. 2,213,331; Sept. 3.
Resin coating composition, Synthetic. C. Bogin. 2,192,583; Mar. 5.
Resin composition. H. A. Gardner and A. Kirkpatrick. 2,187,199; Jan. 16.
Resin composition containing acyl amides, Polyvinyl acetal. J. J. Gordon. 2,213,763; Sept. 3.
Resin composition containing tetrahydrofurfuryl oxalate, Polyvinyl acetal. H. B. Smith. 2,197,420; Apr. 16.
Resin composition containing tetrahydrofurfuryl tetrahydrofuroate, Polyvinyl acetate. H. B. Smith and D. R. Swan. 2,197,421; Apr. 16.
Resin composition, Liquid phenol-formaldehyde. W. R. Thompson and W. E. Flood. 2,186,687; Jan. 9.
Resin compositions containing trimethylene glycol ditetrahydrofurate, Polyvinyl acetal. 2,213,771; Sept. 3.
Resin compositions, Synthetic. E. C. Britton and G. H. Coleman. 2,213,201; Sept. 3.
Resin-containing composite structure. D. W. Ver Planck and E. H. Brink. 2,222,729; Nov. 26.
Resin emulsion. W. J. Thackston. 2,196,367; Apr. 9.
Resin from cashew nutshell oil and another phenol. A. F. Shepard, J. F. Boiney, and L. Sontag. 2,203,206; June 4.
Resin, Laminating with a urea formaldehyde. O. R. Ludwig. 2,187,383; Jan. 16.
Resin, Modified alkyl. I. Rosenblum. 2,211,938; Aug. 20.
Resin, Naphthenic acid-modified alkyd. P. K. Frolich. 2,209,198; July 23.
Resin, Oil-soluble polybasic acid. I. Rosenblum. 2,218,553; Oct. 22.

Resin, Phenol-cellulose. L. E. Champer. 2,220,062; Nov. 5.
Resin, Phenol-cellulose. L. E. Champer and L. M. Christensen. 2,189,133; Feb. 6.
Resin, Preparation of lignin-phenol. L. E. Champer and L. M. Christensen. 2,221,282; Nov. 12.
Resin, Preparation of urea-formaldehyde. T. S. Hodgins and A. G. Hovey. 2,221,708; Nov. 12.
Resin, Prepared. I. V. Wilson. 2,193,792; Mar. 19.
Resin, Producing a. L. C. Hall. 2,221,540; Nov. 12.
Resin, Producing phenol-cellulose. L. E. Champer and L. M. Christensen. 2,189,132; Feb. 6.
Resin products, Acid-resistant. W. R. Collings, R. D. Freeman, and R. M. Upright. 2,221,778–9; Nov. 19.
Resin reaction product of furfural with a saturated oxy-carboxylic acid, Thermosetting. I. E. Levine and D. D. Lee. 2,207,626; July 9.
Resin reaction product of furfural with an oxy-naphthenic acid, Thermosetting. D. D. Lee. 2,207,624; July 9.
Resin recovery. F. W. Corkery. 2,209,322; July 30.
Resin sheet containing benzyl maleate, Polyvinyl acetal. D. R. Swan. 2,213,751; Sept. 3.
Resin sheets containing a tetrahydrofurfuryl ester of phthalic acid, Polyvinyl acetal. D. R. Swan. 2,213,752; Sept. 3.
Resin solutions from diethers of dimethylol urea. B. E. Sorenson. 2,201,926; May 21.
Resin, Synthetic. L. Auer. 2,207,847; July 16.
Resin, Synthetic. H. A. Bruson and J. W. Eastes. 2,187,565; Jan. 16.
Resinous article and making the same, Molded. E. R. Dillehay. 2,198,805; Apr. 30.
Resinous articles, Manufacture of uniform. D. L. Gibb. and R. D. Freeman. 2,215,733; Sept. 24.
Resinous composition. G. S. Weith. 2,199,900; May 7.
Resinous composition and making the same. E. F. Fiedler. 2,227,219; Dec. 31.
Resinous composition and making the same. E. F. Fiedler and A. F. Shepardson. 2,221,511; Nov. 12.
Resinous composition and preparing same. D. E. Edgar and P. Robinson. 2,191,957; Feb. 27.
Resinous composition, Extrudable polyvinylal. B. W. Nordlander and R. E. Burnett. 2,216,020; Sept. 24.
Resinous composition, making the same, and article produced therefrom. R. E. Burnett. 2,221,440; Nov. 12.
Resinous composition, Synthetic. P. Esselmann and J. Düsing. 2,220,441; Nov. 5.
Resinous compositions and electrical conductors coated with the same, Insulating. P. Nowak and T. Triantaphyllides. 2,191,581; Feb. 27.
Resinous compositions, Preparing. F. Seebach. 2,215,596; Sept. 24.
Resinous condensates and producing same. K. Loos. 2,206,906; July 9.
Resinous condensation products. Diazine-aldehyde. W. Zerweck and K. Keller. 2,218,077; Oct. 15.
Resinous condensation products and producing same. I. Rosenblum. 2,189,833; Feb. 13.
Resinous condensation products, Diazine-aldehyde. W. Zerweck and K. Keller. 2,211,710; Aug. 13.
Resinous condensation products of methyl vinyl ketone and formaldehyde, and producing same, Modified. K. Vierling and H. Hopff. 2,201,750; May 21.
Resinous condensation products, Phenolketone-formaldehyde. A. W. Ralston, R. J. Vander Wal, and S. T. Bauer. 2,209,903; July 30.
Resinous condensation products. Triazine-aldehyde. W. Zerweck and K. Keller. 2,211,709; Aug. 13.
Resinous laminated product and method of manufacture. W. R. Thompson and W. E. Flood. 2,185,477; Jan. 2.
Resinous material. A. N. Sachanen and P. G. Waldo. 2,198,318; Apr. 23.
Resinous material. A. N. Sachanen and P. G. Waldo. 2,220,290; Nov. 5.
Resinous material, Preliminarily cutting a heat convertible. R. B. Barnes. 2,222,470; Nov. 19.
Resinous material, Synthetic. D. Lipkin. 2,214,769; Sept. 17.
Resinous materials, Plasticized. H. W. Lawson and J. L. Gillerlain. 2,217,988; Oct. 15.
Resinous materials, Synthetic. A. Hill and E. E. Walker. 2,226,202; Dec. 24.
Resinous molding composition from synthetic aldehyde resins and hydrolyzed lingo-cellulose. A. G. Hovey and T. S. Hodgins. 2,197,724; Apr. 16.
Resinous product. H. M. Dent and A. F. Shepard. 2,186,406; Jan. 9.
Resinous product, Urea-formaldehyde type. C. Ellis. 2,192,129; Feb. 27.
Resinous products, Fractionating. P. D. Watson. 2,189,572; Feb. 6.
Resins, Amine. R. Griessbach, E. Meier, and H. Wassenegger. 2,223,930; Dec. 3.
Resins and making same, Ketonic acid-amine. A. G. Hovey and T. S. Hodgins. 2,195,570; Apr. 2.
Resins and materials containing same, Treatment of synthetic. L. Robin and M. Van Roggen. 2,222,686; Nov. 26.
Resins and preparing same, Cyclohexane sulphonamide-formaldehyde. J. W. Hill. 2,207,803; July 16.
Resins and the preparation thereof, Polyvinyl acetal. C. R. Fordyce. 2,188,344; Jan. 30.
Resins and use thereof, Preparation of synthetic. E. L. Holmes. 2,198,874; Apr. 30.
Resins, Artificial. F. Blass, P. Heisel, A. Hendschel, and O. Nicodemus. 2,193,327; Mar. 12.
Resins, Chlorinated aromatic. A. A. Levine and O. W. Cass. 2,199,026; Apr. 30.
Resins, Cleaning. J. W. Taylor. 2,218,365; Oct. 15.
Resins, Diminishing the swelling of cation-exchanging. H. Wassenegger and R. Griessbach. 2,195,196; Mar. 26.
Resins from aldehydes and aromatic hydrocarbons, Production of. G. K. Anderson, E. A. Taylor, and J. B. Fishel. 2,200,762; May 14.
Resins from lignin, Manufacture of. F. J. Wallace. 2,209,289; July 23.
Resins, gums, and balsams. R. R. Grant. 2,202,849; June 4.
Resins, Making polyvinyl acetal. G. A. Perkins. 2,194,613; Mar. 26.
Resins, Manufacture of. J. F. Olin. 2,208,331; July 16.
Resins, Manufacture of wood tar-formaldehyde. J. J. Lévesque. 2,190,033; Feb. 13.
Resins, Method of and apparatus for curing and molding synthetic or natural. J. R. Hoge and L. D. Soubier. 2,202,797; May 28.
Resins of the urea-aldehyde condensation type and their solutions. B. N. Lougovoy. 2,189,737; Feb. 6.
Resins, Phenol carboxylic acid amide-formaldehyde. G. D. Graves. 2,190,829; Feb. 20.
Resins, Plasticizing nitrogenous. H. A. Bruson. 2,187,566; Jan. 16.
Resins, Polyether. H. S. Rothrock. 2,191,587; Feb. 27.
Resins, Polyvinyl acetal. D. R. Swan. 2,213,750; Sept. 3.
Resins, Preparation of fusible ketone-aldehyde synthetic. E. E. Novotny and G. K. Vogelsang. 2,191,802; Feb. 27.
Resins, Producing aldehyde. W. Frankenburger, H. Hammerschmid, and G. Roessler. 2,190,184; Feb. 13.
Resins, Production of aldehyde aromatic hydrocarbon. G. K. Anderson, E. A. Taylor, and J. B. Fishel. 2,200,763; May 14.
Resins, Rapid solution of vinyl. C. N. Smith. 2,198,794; Apr. 30.
Resins, Spray drying thermoplastic. C. R. Ferris and E. T. Carte. 2,187,877; Jan. 23.
Resins, Stabilization of polyvinyl. J. B. Hale. 2,199,992; May 7.
Resins, Stabilized vinyl. V. Yngve. 2,219,463; Oct. 29.
Resins, Treatment of Polyvinyl acetal. W. O. Kenyon and T. F. Murray, Jr. 2,194,205; Mar. 19.
Resins, Urea-formaldehyde. O. R. Ludwig. 2,217,372; Oct. 8.
Resins, Use of synthetic. E. L. Holmes. 2,191,853; Feb. 27.
Resins, Water-soluble phenol-aldehyde. V. E. Meharg. 2,190,672; Feb. 20.
Resist effects illuminated with vat dyestuff, Production of. D. P. Milburn. 2,217,697; Oct. 15.
Resistance and impedance measuring device. H. Antranikian. 2,188,588; Jan. 30.
Resistance and switch for use with radio receivers, Combined variable. E. R. Stoekle. 2,186,154; Jan. 9.
Resistance device. R. E. Tarpley. 2,223,585; Dec. 3.
Resistance elements, Making. D. T. Siegel. 2,200,521; May 14.
Resistance material and making same. B. Stålhane. 2,206,792; July 2.
Resistance welding. W. E. Smith. 2,202,405; May 28.
Resistant alloy, Heat erosion. G. Charlton. 2,202,648; May 28.
Resistor. A. A. Cadwallader. 2,225,030; Dec. 17.
Resistor. A. H. Fessler, K. Schwartzwalder, and R. W. Ehlers. 2,189,515; Feb. 6.
Resistor. N. E. Lindenblad. 2,215,184; Sept. 17.
Resistor and making the same. E. R. Stoekle and G. M. Ehlers. 2,188,667; Jan. 30.
Resistor construction. J. Marsten. 2,218,204; Oct. 15.
Resistor, Fixed. G. M. Ehlers. 2,213,067; Aug. 27.
Resistor type split phase motor. E. C. Ballman. 2,224,422; Dec. 10.
Resistor unit. C. J. Ganci. 2,221,235; Nov. 12.
Resistor, Variable. R. R. Chappell. 2,211,493; Aug. 13.
Resistor, Woven. R. E. Tarpley. 2,199,810; May 7.
Resistors, Producing high temperature heating. R. Reichmann. 2,208,342; July 16.
Resonance assurance devices, Method and apparatus for. D. Hallam, Jr. 2,224,224; Dec. 10.
Resonant circuit, High efficiency. W. W. Hansen. 2,190,712; Feb. 20.
Resonant line and associated circuit. H. E. Goldstine. 2,215,582; Sept. 24.
Resonator, Electromagnetic. W. Dallenbach. 2,199,045; Apr. 30.
Resonator for telephone bells. E. R. Morton. 2,216,956; Oct. 8.
Resonator silencer. E. E. Wilson. 2,214,894; Sept. 17.
Resonator, such as piezoelectric crystal devices, Mechanical. M. E. A. Bruzau, S. Van Mierlo, and P. L. Bour. 2,203,322; June 4.
Respirator. C. A. Ewald. 2,201,690; May 21.
Respirator. W. H. Lehmberg. 2,201,315; May 21
Respirator. W. H. Lehmberg. 2,216,619; Oct. 1.
Respirator. H. B. Lewis. 2,220,374; Nov. 5.
Respirator. E. A. Moore. 2,192,093; Feb. 27.
Respirator. N. Schwartz. 2,199,230–1; Apr. 30.
Respirator. E. M. Splaine. 2,206,061; July 2.

Respirator. W. A. Whipple. 2,205,368; June 18.
Respirator, Artificial. J. H. Emerson. 2,195,744; Apr. 2.
Respirator control. J. L. Bloomheart. 2,220,672; Nov. 5.
Respirator, Featherweight. R. E. Reeder. 2,199,346; Apr. 30.
Respirator filter. C. W. Punton. 2,213,433; Sept. 3.
Respiratory appliance. C. von Hoff. 2,217,575; Oct. 8.
Respiratory filter. J. B. Biederman. 2,219,801; Oct. 29.
Responding arrangement for use in telegraphic printers, Automatic. G. Beccio. 2,214,631; Sept. 10.
Rest, Combined head and arm. G. F. Brady. 2,190,395; Feb. 13.
Rest for firearms, Cheek. J. R. Rigandi. 2,188,691; Jan. 30.
Rest for violins or violas, Chin. F. Q. Miranda. 2,223,221; Nov. 26.
Rest pad, Viola and violin shoulder. H. Weinberg. 2,208,824; July 23.
Rest, Sacral. G. H. Chick. 2,200,541; May 14.
Restraining device. E. C. Condit. 2,215,454; Sept. 24
Restraining device. O. L. Reason. 2,225,018; Dec. 17.
Restrictors, Forming. O. M. Summers. 2,225,513; Dec. 17.
Resurfacing machine. J. Y. Blazek and V. R. Roy. 2,192,888; Mar. 12.
Resurfacing machine. J. Y. Blazek and V. R. Roy. 2,208,879; July 23.
Resuscitator. H. L. Swan. 2,204,738; June 18.
Retainer for electrical connectors. W. R. Matheny. 2,219,931; Oct. 29.
Retainer for gaskets. F. W. Goetze. 2,192,739; Mar. 5
Retainer for oil wells, Cementing, washing, and acidizing. C. E. Burt. 2,196,658; Apr. 9.
Retainer for paper bags. W. F. Potts. 2,186,343; Jan. 9.
Retainer for perforated well casings, Cementing, washing, and acidizing. R. C. Baker and C. E. Burt. 2,196,653; Apr. 9.
Retainer for yarn packages. G. A. Vlaszac. 2,192,111; Feb. 27.
Retaining and suspending device. W. L. Roessner. 2,218,856; Oct. 22.
Retaining device. L. C. Culp. 2,201,081; May 14.
Retaining means for an automotive vehicle brake system. C. A. Spotz. 2,220,465; Nov. 5.
Retaining member for straps. H. Harvey. 2,208,842; July 23.
Retaining pin. D. I. Reiter. 2,216,479; Oct. 1.
Retarder composition for cement mixers. C. H. Dickens. 2,211,368; Aug. 13.
Retarder for cementitious material. N. S. Yanick. 2,207,336; July 9.
Retinoscope. J. H. Grout. 2,204,014; June 11.
Retinoscope, Polarizing. E. D. Tillyer. 2,214,802; Sept. 17.
Retort. J. O. Betterton and M. F. Perkins. 2,218,806; Oct. 22.
Retort for char kilns. J. C. Wakefield. 2,191,920; Feb. 27.
Retort, Low temperature carbonizing. P. Hadamovsky. 2,186,169; Jan. 9.
Retort setting for carbonization of coal and like materials, Vertical. F. J. and E. West. 2,203,586; June 4.
Retouching table. W. W. Davidson, Jr., and E. F. Dell. 2,215,462; Sept. 24.
Retractable alighting gear. I. M. Laddon, W. A. Ring, and H. I. Mandolf. 2,187,040; Jan. 16.
Retractable bomb rack. C. N. Monteith and E. G. Emery, Jr. 2,193,139; Mar. 12.
Retractable element for aircraft. C. Dornier. 2,224,571; Dec. 10.
Retractable tool holder. D. C. Eipper. 2,211,321; Aug. 13.
Retrieving device. B. F. Kaboskey and C. J. Walczak. 2,190,531; Feb. 13.
Retrieving mechanism. H. Bosch, Jr. 2,214,759; Sept. 17.
Retrieving tool. G. E. Devareaux. 2,212,013; Aug. 20.
Return bend clamp block. S. P. Wynn. 2,225,760; Dec. 24.
Return bend coupling. J. Murphy, Jr. 2,209,790; July 30.
Return bend, Reinforcing. A. Droth. 2,209,676; July 30.
Return device, Automatic mechanical. R. Laraque. 2,224,481; Dec. 10.
Return or counterbalance for punch press controls. G. O. Johnson. 2,195,087; Mar. 26.
Reverberation apparatus. L. Hammond. 2,211,205; Aug. 13.
Reverse acting relay. J. M. Larson and K. Figenbaum. 2,196,926; Apr. 9.
Reverse acting valve. J. M. Larson and K. Figenbaum. 2,213,785; Sept. 3.
Reverse brake, Motor vehicle automatic. S. Brokes. 2,211,534; Aug. 13.
Reverse clutch. C. M. Andersen. 2,199,582; May 7.
Reverse current switch. A. Z. Mample. 2,198,781; Apr. 30.
Reverse gear. T. L. Fawick. 2,187,967; Jan. 23.
Reverse gear, Direct indicating locomotive. W. E. Woodard. 2,198,429; Apr. 23.
Reverse lock. K. H. Karlsen. 2,192,609; Mar. 5.
Reversing mechanism. W. H. Johnson. 2,209,980; Aug. 6.
Reversing mechanism. W. H. Johnson. 2,218,314; Oct. 15.
Reversing valve. E. R. Schofield. 2,216,925; Oct. 8.
Revoking mechanism for weft replenishing looms. C. Darwin. 2,219,767; Oct. 29.
Revoluble mote board. J. A. Streun. 2,187,867; Jan. 23
Revolving car seat. C. A. Van Derveer and E. J. Beck. 2,200,904; May 14.
Revolving cone mixer. E. M. Underwood. 2,190,896; Feb. 20.
Revolving mixer. E. M. Underwood. 2,190,897; Feb. 20.
Revolving reflector light. F. B. Lehman. 2,200,067; May 7.
Revolving steam table. L. H. Starling. 2,191,100; Feb. 20.
Rewind indicators for cameras and the like. P. F. Sperry. 2,214,184; Sept. 10.
Rewinding mechanism for motion picture projectors. D. F. Lyman and H. C. Wellman. 2,193,031; Mar. 12.
Rheostat. J. C. Stearns. 2,216,054; Sept. 24.
Rheostat adjustment. C. A. de Giers. 2,195,813; Apr. 2.
Rheostat and slip regulator, Liquid. W. Schaelchlin. 2,205,220; June 18.
Rheostat, Control. O. H. Hasselbaum. 2,205,288; June 18.
Rheostat for electrical measuring circuits. P. A. Borden. 2,220,951; Nov. 12.
Rheostat, Pressure responsive. I. E. Mather. 2,226,629; Dec. 31.
Rheostat switch. H. W. Batcheller. 2,205,380; June 25.
Rheostat unit, Control. O. H. Hasselbaum. 2,205,287; June 18.
Rheostat winding machine. D. J. Holleran. 2,196,463; Apr. 9.
Rhinestone making machine. J. Moscini. 2,194,050; Mar. 19.
Rib knit fabric. P. L. Thurston and L. B. Wilcox. 2,223,749; Dec. 3.
Ribbon. E. Hyman. 2,203,822; June 11.
Ribbon. M. Katz. 2,197,181; Apr. 16.
Ribbon burner. W. B. Ensign. 2,210,069; Aug. 6.
Ribbon, Decorative. W. C. Protz. 2,197,591; Apr. 16.
Ribbon inking device. P. E. Vega. 2,203,757; June 11.
Ribbon loom. W. Harris. 2,193,453–4; Mar. 12.
Ribbon, Making metallic. H. Blount and H. P. Arkema. 2,193,856; Mar. 19.
Ribbon roll container. W. S. Armitt. 2,217,397; Oct. 8.
Ribbon, Shoulder strap. M. Rosenberg. 2,207,132; July 9.
Rice, Cooking. A. R. Choppin and E. L. Winborn. 2,195,165; Mar. 26.
Rice product and process. P. C. Wilbur. 2,187,718; Jan. 23.
Ride stabilizer. J. L. Mohun, R. C. Brown, Jr., and F. W. Test. 2,190,728; Feb. 20.
Ridge guide. J. Theis. 2,197,670; Apr. 16.
Ridger. J. Krohn, Jr. 2,208,677; July 23.
Rifle. N. L. Brewer. 2,223,092; Nov. 26.
Rifle chamber, Supplemental. R. Wood. 2,196,136; Apr. 2.
Rifle front sight, Full view. O. E. Forsling. 2,204,483; June 11.
Rifle, Magazine. L. N. Nomar. 2,226,207; Dec. 24.
Rifle magazine. C. R. Wise. 2,205,967; June 25.
Rifling tool. F. Bohle. 2,210,848–9; Aug. 6.
Rig, Conveying. W. E. Lambert. 2,210,323; Aug. 6.
Rig for sailboats. P. Beaudry. 2,197,654; Apr. 16.
Rig, Portable drill. J. C. Curtis. 2,217,674; Oct. 15.
Rim construction. C. H. Sauer. 2,198,978; Apr. 30.
Rim, Demountable. E. C. Hansen. 2,193,131; Mar. 12.
Rim for infants' cups. M. B. Smith. 2,226,146; Dec. 24.
Rim, Liquid cooled friction. E. Roberts. 2,191,261; Feb. 20.
Rim, Pull. W. F. Betzell. 2,207,451; July 9.
Rim, Split. W. J. Webb. 2,209,803; July 30.
Rim stand. E. St. John. 2,219,238; Oct. 22.
Rim, Storm. G. S. Schmidt. 2,226,876; Dec. 31.
Rims and the like, Forming vehicle wheel. F. H. Le Jeune. 2,185,347; Jan. 2.
Rims, Fabricating. E. J. Lobdell, Jr. Re. 21,490; June 25.
Rind removing machine, Fruit. D. P. Moore. 2,206,748; July 2.
Ring: *See*—

Clamping ring.	Napkin ring.
Collapsible ring.	Oiling ring.
Collector ring.	Packing ring.
Coupling compression ring.	Pie plate ring.
Current connection ring.	Piston and piston ring.
Finger ring.	Piston ring.
Glass spinning ring	Printing ring.
Investment ring.	Sealing ring.
Key ring.	Spring ring.

Ring. S. Kalina. 2,220,408; Nov. 5.
Ring and the like, Monogram. E. L. Weed. 2,216,305; Oct. 1.
Ring clinching device. S. G. Smith. 2,208,819; July 23.
Ring clinching mechanism. L. C. Hill. 2,217,840; Oct. 15.
Ring clinching mechanism. S. G. Smith. 2,208,058; July 16.
Ring for containers, Clamping. H. A. Eggerss. 2,205,135; June 18.

Ring for containers, Clamping. H. A. Scott. 2,208,859; July 23.
Ring for dynamo-electric machines, Collector. H. G. Jungk. 2,209,335; July 30.
Ring for grinders, Sealing. J. Markley. 2,214,707; Sept. 10.
Ring for spinning machines, Spinning. R. Ziegler. 2,205,916; June 25.
Ring forming machine. J. Jorgensen. 2,206,700; July 2.
Ring packer, Multiple. C. H. Barnes and J. Young, Jr. 2,216,336; Oct. 1.
Ring packer, Tiltable. T. R. Alley. 2,217,038; Oct. 8.
Ring removing device. N. Gallien, Jr. 2,222,744; Nov. 26.
Ring spinning frame. J. S. Sio. 2,188,376; Jan. 30.
Ring traveler. L. W. Schaaff. 2,198,636; Apr. 30.
Ring traveler and ring. J. M. Wood and P. C. Wentworth. 2,223,774; Dec. 3.
Ringing system. F. E. Blount. 2,193,855; Mar. 19.
Ringing system. F. E. Blount. 2,222,248; Nov. 19.
Ringlike device. I. Spinner. 2,202,567; May 28.
Rings from tire beads, Reclaiming reinforcing. A. G. Federman. 2,223,362; Dec. 3.
Rings of ring spinning and ring twisting machines, Fixing means for traveler. C. F. Hofmann. 2,199,795; May 7.
Rings to valve bodies and valve bodies produced thereby, Applying seat. H. C. Le Beau, Jr. 2,221,921; Nov. 19.
Rink construction, Ice. H. Vetter. 2,217,083; Oct. 8.
Rinse tank. J. D. Tierney. 2,201,380; May 21.
Rippling machine for the treatment of textile materials. M. A. Soenens. 2,222,446; Nov. 19.
Rivet and applying same. C. E. Hathorn. 2,195,029; Mar. 26.
Rivet, Compressible. H. E. Eckler. 2,194,458; Mar. 26.
Rivet feeding mechanism. A. E. Rylander. 2,186,841; Jan. 9.
Rivet feeding mechanism, Clamp or prong. J. Gualtiere. 2,208,759; July 23.
Rivet remover. R. Temple, Jr. 2,221,157; Nov. 12.
Rivet, Serrated. H. E. Eckler. 2,196,144; Apr. 2.
Rivet set or tool retaining means for pneumatic hammers and the like. S. S. Roberts. 2,224,063; Dec. 3.
Rivet setting and removing tool. H. P. R. Milberg. 2,219,631; Oct. 29.
Rivet setting device. J. W. Bowersox. 2,205,772; June 25.
Rivet setting mechanism. L. C. Huck. 2,223,449; Dec. 3.
Riveting apparatus. E. Becker. 2,218,805; Oct. 22.
Riveting device. E. Becker. 2,221,830; Nov. 19.
Riveting, Electric. G. H. Phelps. 2,206,426; July 2.
Riveting machine. K. Butter. 2,215,388; Sept. 17.
Riveting machine, Duplex. L. A. Ward. 2,227,402; Dec. 31.
Riveting tool. S. B. Davitow. 2,216,767; Oct. 8.
Riveting tool. J. Wegner. 2,189,573; Feb. 6.
Riveting tool. C. F. Welch. 2,200,662; May 14.
Rivets, Method and apparatus for upsetting hollow. G. W. Deshon and P. E. M. Amann. 2,185,939; Jan. 2.
Roach trap. A. Pekkala. 2,224,485; Dec. 10.
Road anchoring means. R. S. Peirce. 2,187,912; Jan. 23.
Road building apparatus. H. I. Crowder. 2,192,027; Feb. 27.
Road-building apparatus. J. H. Mosel. 2,185,645; Jan. 2.
Road building machine. J. N. Heltzel. 2,187,080; Jan. 16.
Road building machine. J. N. Heltzel. 2,190,562; Feb. 13.
Road construction and/or reconditioning machines. B. H. Flynn. 2,211,262; Aug. 13.
Road joint, Concrete. C. Older. 2,194,718; Mar. 26.
Road joint, Concrete. C. Older. 2,203,999; June 11.
Road joints, Making concrete. C. Older. 2,194,717; Mar. 26.
Road machine. C. A. Gustafson. 2,189,286; Feb 6.
Road machine. C. A. Gustafson. 2,189,344; Feb. 6.
Road machine. C. A. Gustafson. 2,192,439; Mar. 5.
Road machine. C. A. Gustafson. 2,216,314; Oct. 1.
Road machine. L. C. Holmes. 2,222,840; Nov. 26.
Road machine, Self-propelled. F. D. Wilson and L. S. Burns. 2,195,607; Apr. 2.
Road making and the like. L. B. Beckwith, W. E. Grebe, and F. S. Scott. 2,220,670; Nov. 5.
Road making machine. B. H. Flynn. 2,211,263; Aug. 13.
Road making machine. M. Madsen. 2,211,933; Aug. 20.
Road paver. C. G. Abernathy and A. E. Lundbye. 2,215,455; Sept. 24.
Road paver. A. E. Lundbye. 2,225,481; Dec. 17.
Road ripper. F. J. Du Vall. 2,209,083; July 23.
Road sanding machine. W. H. Dance. 2,190,863; Feb. 20.
Road signal. E. W. McDonald. 2,186,258; Jan. 9.
Road stabilization, Dirt. P. Roth. 2,212,574; Aug. 27.
Road surface making machine. H. Schwart. 2,195,015; Mar. 26.
Road surfacing. C. A. Agthe. 2,188,214; Jan. 23.
Road surfacing. C. V. Hallenbeck. 2,201,534; May 21.
Road surfacing composition. W. R. Brison. 2,213,576; Sept. 3.
Road surfacing plane. W. C. Toaspern, 2,192,566; Mar. 5.
Road working machine. E. Scheunemann. 2,186,658; Jan. 9.
Road working machinery. J. F. Harrison and H. B. Crum. 2,193,367; Mar. 12.
Roadway. J. D. Drury. 2,211,649; Aug. 13.
Roadway marking. T. L. Johnson. 2,187,879; Jan. 23.
Roadway smoother. J. J. Beadle. 2,192,254; Mar. 5.
Roads and the like, Constructing bituminous. A. B. C. Dahlberg. 2,192,284; Mar. 5.
Roast, cake, and pie lifter. N. L. Poole and E. R. Folsom. 2,217,319; Oct. 8.
Roast holder. J. B. McMullen. 2,212,164; Aug. 20.
Roaster and broiler, Combination. R. N. Kircher. 2,204,681; June 18.
Roaster and roasting coffee, Coffee. D. W. Adams and R. L. Schuhmann. 2,220,749; Nov. 5.
Roaster, Wiener. H. H. Tolen. 2,189,047; Feb. 6.
Roasting device. J. A. Dumas. 2,185,979; Jan. 2.
Roasting device, Revolving. A. B. Dufour. 2,225,861; Dec. 24.
Roasting furnace. E. De Rey. 2,202,444; May 28.
Roasting process. T. R. Haglund. 2,209,331; July 30.
Roasting rack. U. D. Irwin. 2,205,064; June 18.
Roasting rack. U. D. and E. G. Irwin. 2,212,207; Aug. 20.
Roasting rack. U. D. Irwin and E. G. Irwin. 2,214,137; Sept. 10.
Roasting rack. H. V. Saffell. 2,222,089; Nov. 19.
Robe rail mounting. G. L. Tucker. 2,201,327; May 21.
Robe, Umbrella. C. F. Bisbing and H. D. Stone. 2,221,366; Nov. 12.
Rock and making products therefrom, Method and apparatus for melting. E. R. Powell. 2,190,271; Feb. 13.
Rock bit. A. C. Catland. 2,210,279; Aug. 6.
Rock bit. A. C. Catland. 2,214,221; Sept. 10.
Rock bit. T. H. Stancliff. 2,216,894; Oct. 8.
Rock bit. C. C. Winslow. 2,200,482; May 14.
Rock drill. W. M. Alexander. 2,217,535; Oct. 8.
Rock drill. J. C. Curtis. 2,224,859–60; Dec. 17.
Rock drill. A. Feucht. 2,203,954; June 11.
Rock drill. A. Feucht. 2,210,532; Aug. 6.
Rock drill. E. G. Gartin. 2,225,588; Dec. 17.
Rock drill. E. B. Mead. 2,204,942; June 18.
Rock drill. F. E. Sinclair. 2,186,503; Jan. 9.
Rock drill. W. A. Smith, Jr. 2,212,329; Aug. 20.
Rock drill. H. M. Stephens. 2,191,699; Feb. 27.
Rock drill bit. B. F. Shepherd and R. D. Zimmerman. 2,196,598; Apr. 9.
Rock drill, Expansible and contractible. W. G. Hurley. 2,208,457; July 16.
Rock drill feeding mechanism. G. C. Pearson. 2,219,563; Oct. 29.
Rock wool particles and apparatus therefor, Making. W. E. Carson. 2,217,538; Oct. 8.
Rocker arm. A. H. Haberstump. 2,199,914; May 7.
Rocker arm. A. H. Haberstump. 2,219,361; Oct. 29.
Rocket. R. Zwerina. 2,191,841; Feb. 27.
Rocket or projectile for use in throwing lines. A. J., C. D., and C. Schermuly. 2,210,820; Aug. 6.
Rocket projectile. L. A. Skinner. 2,206,057; July 2.
Rocking chair. P. Walenta. 2,222,578; Nov. 19.

Rod: *See*—

Casting rod
Coated welding rod.
Collapsible connecting rod.
Connecting rod.
Curtain rod.
Fish casting rod.
Fishing rod.
Ground rod.
Packing and pushing rod.
Pencil and crayon rod.
Pipe sewer rod.
Radius rod.
Seamless fishing rod.
Stopper rod.
Ullage rod.
Weld rod.
Welding rod.

Rod and making the same, Ground. H. A. Staples. 2,207,134; July 9.
Rod and tube straightening machine. W. E. Kane. 2,209,337; July 30.
Rod bender. W. V. Bernard. 2,192,428; Mar. 5.
Rod bundle transfer device. P. S. Wick. 2,207,648; July 9.
Rod bundles or the like, Handling of. R. W. Young and J. M. O'Malley. 2,199,061; Apr. 30.
Rod catcher. E. V. Watts. 2,193,183; Mar. 12.
Rod clamp. B. Hillberg. 2,190,838; Feb. 20.
Rod couple assembly, Quick action. H. R. Crane. 2,208,017; July 16.
Rod coupling. E. H. Lampkin. 2,204,103; June 11.
Rod coupling. W. D. Osborn. 2,225,128; Dec. 17.
Rod cutter, End-on. R. C. Day. 2,202,416; May 28.
Rod extruder. W. L. Clouse. 2,213,336; Sept. 3.
Rod feeder, Scarfing torch. E. H. Stream. 2,195,944; Apr. 2.
Rod for engines, Connecting. F. Bielitz. 2,193,120; Mar. 12.
Rod forming machine and the like, Cork. J. M. Binder. 2,190,859; Feb. 20.
Rod guide. F. A. Thaheld. 2,200,758; May 14.
Rod guide, Antifriction sucker. C. R. Edgecomb and E. W. Patterson. 2,198,720; Apr. 30.
Rod line carrier. L. D. Mowrey. 2,208,468; July 16.
Rod packing. H. C. Bostwick. 2,201,471; May 21.
Rod processing equipment, Welding. J. R. Morrison. 2,205,628; June 25.
Rod straightening and handling mechanism for headers. J. H. Friedman. 2,219,811; Oct. 29.
Rod structure, Connecting. A. J. Meyer and R. E. Taylor. 2226,940; Dec. 31.
Rod wrench. W. V. Jones. 2,219,421; Oct. 29.

Rods and the like, Making jacketed. E. M. Sims. 2,221,209; Nov. 12.
Rods and wire, Method and apparatus for drawing. A. Bonds. 2,192,785; Mar. 5.
Rods, Method and apparatus for treating weld. R. J. Weaver. 2,226,043; Dec. 24.
Rods, tubes, and the like, Method and apparatus for shaping thermoplastic. E. G. Loomis. 2,194,313; Mar. 19.
Rodent or animal trap. T. E. Woodroffe. 2,188,696; Jan. 30.
Rodent trap. R. B. James. 2,216,196; Oct. 1.
Rodent trap. F. V. Moore. 2,210,174; Aug. 6.
Roentgen apparatus. K. Silbermann. 2,215,744; Sept. 24.
Roentgenpelvimeter. R. Torpin. 2,194,990; Mar. 26.
Roentgen ray cone by means of an auxiliary lamp, Device for adjusting the. A. Baier. 2,204,465; June 11.
Roll. F. W. Klein. 2,215,424; Sept. 17.
Roll assembly, Absorbent press. E. E. Berry. 2,209,759; July 30.
Roll assembly, Horizontal press. E. E. Berry. 2,209,756; July 30.
Roll assembly, Squeeze. G. R. Keltie. 2,200,176; May 7.
Roll assembly, Suction press. E. E. Berry. 2,209,760; July 30.
Roll, Breaker. J. Baxter, Jr. 2,208,316; July 16.
Roll, Cast iron. C. H. Lorig. 2,208,544; July 16.
Roll casting. F. C. T. Daniels. 2,187,416; Jan. 16.
Roll chuck. Press paper. R. W. Bandy. 2,219,124; Oct. 22.
Roll, Clearer. A. D. Davis. 2,202,812; June 4.
Roll controlling mechanism for printing machines, Web. R. A. Freeman. 2,203,014; June 4.
Roll, Covering clearer. A. D. Davis. 2,221,910; Nov. 19.
Roll deflection, Compensating for. T. Sendzimir. 2,187,250; Jan. 16.
Roll, Drawing. J. Weinberger. 2,198,279; Apr. 23.
Roll for handling paper. A. W. Frost. 2,218,817; Oct. 22.
Roll for textile machinery. W. Stahlecker. 2,204,515; June 11.
Roll for typewriting check and cash book entries, Typewriter supply. W. S. Close. 2,220,708; Nov. 5.
Roll grinding machine. N. J. Ritzert. 2,185,737; Jan. 2.
Roll holder. S. N. Hope. 2,205,198; June 18.
Roll holder. F. J. Moore. 2,211,576; Aug. 13.
Roll in typewriting or telegraph machine writing on paper strips, Paper-supporting. G. Beccio. 2,221,858; Nov. 19.
Roll, Manufacturing a printing. J. Rockoff. 2,185,738; Jan. 2.
Roll neck bearing mounting. S. M. Weckstein. 2,195,794; Apr. 2.
Roll, Press. L. Hornbostel. 2,191,144; Feb. 20.
Roll pressure mechanism, Top. C. Walsh. 2,203,424; June 4.
Roll, Sectional. R. J. Wilkie. 2,186,890; Jan. 9.
Roll spindle. C. A. Meisel. 2,215,069; Sept. 17.
Roll stop mechanism. V. E. Dunn. 2,206,301; July 2.
Roll, Suction. E. E. Berry. 2,199,455; May 7.
Roll, Temple. C. T. Dickey. 2,192,184; Mar. 5.
Roll, Temple. C. T. Dickey. 2,196,010; Apr. 2.
Roll, Temple. C. T. Dickey. 2,196,628; Apr. 9.
Rollback check. H. A. Erikson. 2,216,566; Oct. 1.
Roller: *See*—
Ink supply roller.
Roller apparatus for the production of articles from dough and other pastelike materials, Molding. O. Kremmling and C. Jacobi. 2,208,905; July 23.
Roller arrangement, Track. D. B. Baker, C. R. Rogers, and W. O. Bechman. 2,189,160; Feb. 6.
Roller attachment for rocking chairs. E. E. Longfellow. 2,215,425; Sept. 17.
Roller bearing. J. R. Baker. 2,195,795; Apr. 2.
Roller bearing. J. W. Foley. 2,221,514; Nov. 12.
Roller bearing. H. R. Gibbons. 2,218,985; Oct. 22.
Roller bearing. J. O. Heinze. 2,197,499; Apr. 16.
Roller, Bearing. O. Henselman. 2,215,701; Sept. 24.
Roller bearing. S. Smith and R. E. Trainer. 2,197,351; Apr. 16.
Roller bearings, Assembling. A. F. Rehnberg. 2,215,134; Sept. 17.
Roller, Bedspread. N. W. Higginbotham. 2,202,582; May 28.
Roller bit. C. Brendel. 2,204,657; June 18.
Roller bit. H. C. Smith. 2,213,351; Sept. 3.
Roller blank and making rollers therefrom. W. A. Beauchamp. 2,203,125; June 4.
Roller bracket. C. McCauley. 2,217,067; Oct. 8.
Roller casing. P. Zalkind. 2,200,319; May 14.
Roller chain. N. C. Bremer. 2,185,702; Jan. 2.
Roller chain, Multiple assembly. C. R. Weiss. 2,212,907; Aug. 27.
Roller control, Impression. F. Nigra. 2,186,341; Jan. 9.
Roller conveyer. L. E. Sekulski. 2,216,504; Oct. 1.
Roller, Covered. E. J. Svoboda. 2,214,841; Sept. 17.
Roller cutter. R. R. Crum. 2,216,938; Oct. 8.
Roller cutter. J. A. Zublin. 2,223,864; Dec. 3.
Roller drive disengaging means for power-driven wringers. R. D. O'Callaghan. 2,197,829; Apr. 23.
Roller drive, Impression. E. F. Dudley. 2,195,243; Mar. 26.
Roller feed. A. Landis. 2,223,628; Dec. 3.
Roller, Feed. L. W. Roselius and A. F. Peropat. 2,199,270; Apr. 30.
Roller for fabrics. T. W. Mackey. 2,208,545; July 16.
Roller for printing presses, Vibrator. J. Levine. 2,189,073; Feb. 6.
Roller mill. A. E. Hawkins. 2,199,340; Apr. 30.
Roller packer for concrete tile. J. H. La Due. 2,193,286; Mar. 12.
Roller press, Ring type. H. Köhler. 2,219,592; Oct. 29.
Roller, Pressure. C. E. Reed. 2,192,414; Mar. 5.
Roller, Road. C. H. Graham. 2,221,764; Nov. 19.
Roller, Road. R. W. Keeler. 2,197,183; Apr. 16.
Roller skate brake. A. Ickenroth. 2,191,018; Feb. 20.
Roller, Tobacco cutting. S. Clausen. 2,192,179; Mar. 5.
Roller tooth, Tamping. A. E. Finley. 2,206,349; July 2.
Roller, Trench. R. W. Keeler. 2,197,395; Apr. 16.
Roller unit. H. H. Harris. 2,186,724; Jan. 9.
Roller wedge door holder. F. E. Andrews. 2,218,780; Oct. 22.
Roller weight arrangement for drawing and spinning frames. J. Pilling. 2,189,368; Feb. 6.
Rollers, Covering. C. G. Watson. 2,219,085; Oct. 22.
Rollers, Detachable and flexible riding. C. F. Johnsen. 2,204,934; June 18.
Rolling. A. B. Montgomery. 2,214,107; Sept. 10.
Rolling. A. Simons. 2,226,948; Dec. 31.
Rolling and wrapping machine. L. A. Spievak. 2,213,109; Aug. 27.
Rolling door. G. G. Mills. 2,208,039; July 16.
Rolling machine. H. G. Kellogg. 2,190,429; Feb. 13.
Rolling machine. O. M. Whitten. 2,223,472; Dec. 3.
Rolling mechanism. A. Simons. 2,219,665; Oct. 29.
Rolling mill. W. Fass. 2,200,837; May 14.
Rolling mill. D. L. Mekeel and J. H. Caylor. 2,213,714; Sept. 3.
Rolling mill. J. J. Munson. 2,204,434; June 11.
Rolling mill. K. Rosenbaum. 2,211,386; Aug. 13.
Rolling mill feed table. W. Newby and A. F. Frazier. 2,207,302; July 9.
Rolling mill plant for the manufacture of seamless tubes. H. Heetkamp. 2,204,491; June 11.
Rolling pin. J. W. Offutt. 2,208,729; July 23.
Rolling tool. G. R. Maupin. 2,219,784; Oct. 29.
Rolls, Corn gathering, snapping, and husking. A. F. Lukes. 2,219,483; Oct. 29.
Rolls for metal rolling mills, Making and repairing. R. P. Palmer. 2,195,256; Mar. 26.
Rolls, Making. F. C. T. Daniels. 2,187,415; Jan. 16.
Rolls, Method of and apparatus for surfacing inking. F. H. Marshall. 2,213,712; Sept. 3.
Roof. L. Beschkine. 2,208,492; July 16.
Roof and siding material. L. T. Brownmiller. 2,198,601; Apr. 30.
Roof bow for a closed vehicle body. H. C. Wendt. 2,205,640; June 25.
Roof, Car. P. E. Finger. 2,198,432–3; Apr. 23.
Roof construction. H. A. Faber. 2,211,371; Aug. 13.
Roof construction. A. S. Mellinger. 2,224,056; Dec. 3.
Roof construction. G. E. Swenson. 2,203,312; June 4.
Roof construction. G. E. Swenson and E. Frederick, Jr. 2,192,458; Mar. 5.
Roof construction. I. S. Towsley. 2,203,314; June 4.
Roof construction. F. B. Wallace. 2,198,685; Apr. 30.
Roof construction, Electric furnace. M. K. Smith. 2,222,004; Nov. 19.
Roof construction, Furnace. D. W. Stewart. 2,187,669; Jan. 16.
Roof construction, Shingle. A. Elmendorf. 2,226,239; Dec. 24.
Roof covering. T. Greis. 2,188,147; Jan. 23.
Roof, Flat. C. R. Eckert. 2,191,522; Feb. 27.
Roof for buildings. H. F. Teichmann. 2,218,926; Oct. 22.
Roof framing implement. J. A. Cramer. 2,204,927; June 18.
Roof or awning, Ornamental. T. C. McPherson. 2,220,259; Nov. 5.
Roof scraping apparatus. S. P. Miller. 2,197,154; Apr. 16.
Roof, Silo. J. Cowin. 2,187,616; Jan. 16.
Roof structure. R. J. Bland. 2,197,065; Apr. 16.
Roof structure. J. C. P. Leemhuis. 2,210,941; Aug. 13.
Roof structure and insulating element. C. C. Figge. 2,215,811; Sept. 24.
Roof structure and truss therefor. F. H. Ruppel. 2,201,504; May 21.
Roof structure, Silo. W. W. Gurney. 2,208,973; July 23.
Roof, Tank. E. W. Hall. 2,209,399; July 30.
Roof with movable sections, Car. W. J. Meyer and T. W. Demarest. 2,201,737; May 21.
Roofing. M. C. Bothe and F. X. Pfohl. 2,193,472; Mar. 12.
Roofing. J. Dubreuil. 2,191,933; Feb. 27.
Roofing. F. G. Eichhorn. 2,190,654; Feb. 20.
Roofing. S. P. Miller. 2,212,122; Aug. 20.
Roofing. H. L. Parsons. 2,205,307; June 18.
Roofing. C. C. Schuetz. 2,199,760; May 7.
Roofing and fastening means therefor. J. Farkas. 2,205,520; June 25.
Roofing and siding. L. A. Hollister. 2,222,868; Nov. 26.
Roofing and siding element. N. P. Harshberger. 2,209,271; July 23.
Roofing and siding material. S. A. Ochs. 2,206,915; July 9.

Roofing and ventilated roof structure. H. L. Seymour. 2,214,183; Sept. 10.
Roofing construction. B. Feller. 2,222,939; Nov. 26.
Roofing construction. J. G. Percy, Jr. 2,210,599; Aug. 6.
Roofing fastener. W. C. Schaus. 2,207,897; July 16.
Roofing, Making. F. G. Eichhorn. 2,199,660; May 7.
Roofing material. E. H. Nichols. 2,197,895; Apr. 23.
Roofing material. J. W. Swope. 2,210,348; Aug. 6.
Roofing material, Fibrous. A. G. Leonard, Jr. 2,196,267; Apr. 9.
Roofing material, Surfacing. O. C. Hall. 2,211,204; Aug. 13.
Roofing or like covering material, Making. L. Kirschbraun. 2,194,427; Mar. 19.
Roofing or surfacing material. S. L. Eason. 2,215,349; Sept. 17.
Roofing sheet. A. B. Haswell. 2,191,383; Feb. 20.
Roofing, Sheet metal. N. B. Randolph. 2,199,924; May 7.
Roofing structure. H. A. Faber. 2,213,519; Sept. 3.
Roofing structure and tile therefor. W. R. Simons and R. G. Blessing. 2,187,404; Jan. 16.
Roofing surfaces, Building and curing concrete. J. H. Hardy. 2,193,233; Mar. 12.
Roofing unit, Interlocking. W. L. Rowe. 2,187,139; Jan. 16.
Roofing, Wooden. M. M. Fernandez. 2,208,184; July 16.
Roofs, etc., Waterproof covering. C. R. Eckert. 2,196,807; Apr. 9.
Room construction, Fitting. C. F. Thumm. 2,187,408; Jan. 16.
Room cooler. R. T. Timms and J. F. Mullen. 2,207,956; July 16.
Rope, Barrier. L., M., and H. Weiss. 2,207,043; July 9.
Rope clamp. C. C. Gallagher. 2,217,400; Oct. 8.
Rope clamp. A. H. Hagen. 2,193,407; Mar. 12.
Rope clip. D. F. Larkin. 2,222,038; Nov. 19.
Rope fitting. W. A. Meighan. 2,193,236; Mar. 12.
Rope holder. G. H. Beers, Sr. 2,194,967; Mar. 26.
Rope making. M. Walter, Jr. 2,218,224; Oct. 15.
Rope, Making striped rubber. J. H. Johnson. 2,191,829; Feb. 27.
Rope structure, Fiber. H. A. Whitlock. 2,190,854; Feb. 20.
Ropes and the like, Prestretching wire. L. C. Peskin. 2,214,709; Sept. 10.
Ropes or cords from glass or slag, Method and apparatus for making. L. von Reis. 2,194,728; Mar. 26.
Rosary, Mechanical. J. L. Rogus. 2,187,664; Jan. 16.
Rosehead. A. Christiansen. 2,226,051; Dec. 24.
Rosin and making the same, "Sulphite black liquor" talleol. T. Hasselstrom. 2,190,660; Feb. 20.
Rosin and solvent therefor, Refining. E. M. Toby, Jr. 2,209,545; July 30.
Rosin and turpentine, Producing high-grade. J. A. Scruggs. 2,202,028; May 28.
Rosins and their esters into components, Separation of chemically modified. J. N. Borglin. 2,191,306; Feb. 20.

Rotameter. F. Boehm. 2,220,675; Nov. 5.
Rotameter. W. H. Gerber. 2,218,789; Oct. 22.
Rotary bit. W. J. Beaven. 2,226,655; Dec. 31.
Rotary can washer. N. J. Peters. 2,189,451; Feb. 6.
Rotary compressor for refrigerating apparatus. M. P. Penn. 2,212,717; Aug. 27.
Rotary converting system, Electric. J. C. and W. A. MacFarlane. 2,199,441; May 7.
Rotary cooler. R. C. Newhouse. 2,218,476; Oct. 15.
Rotary cutter. R. E. Benner. 2,186,092; Jan. 9.
Rotary cutter. J. Ciarlone. 2,202,548; May 28.
Rotary cutter. H. Climer. 2,206,764; July 2.
Rotary cutter. G. De Vlieg. 2,185,187; Jan. 2.
Rotary cutter. F. P. Miller. 2,201,495; May 21.
Rotary cutter. H. M. Smallwood and H. T. Battin. 2,200,730; May 14.
Rotary cutting tool. T. G. Törnebohm. 2,199,379; May 7.
Rotary drill bit. R. P. Fisher. 2,215,264; Sept. 17.
Rotary drill bit. L. L. Thompson. 2,207,766; July 16.
Rotary drilling tool. B. F. Walker, Sr. 2,210,824; Aug. 6.
Rotary drum filter. W. P. Gee. 2,186,289; Jan. 9.
Rotary drum filter. C. J. Peterson. 2,212,168; Aug. 20.

Rotary engine. R. A. Brunet. 2,185,428; Jan. 2.
Rotary engine. W. W. Cushman. 2,203,047; June 4.
Rotary engine. D. S. de Lavaud. 2,189,976; Feb. 13.
Rotary engine. C. M. Tumey. 2,211,447; Aug. 13.
Rotary extractor. A. E. Van Wirt. 2,199,928; May 7.
Rotary extractor. J. L. and G. O. Verdier. 2,224,241; Dec. 10.
Rotary feeder, Accelerating. C. W. Harrold, J. R. Wood, and C. R. Kaddeland. 2,192,908; Mar. 12.
Rotary filter, Horizontal. J. B. McCue. 2,188,840; Jan. 30.
Rotary folding mechanism. C. G. Quick and W. A. Whitehead. 2,211,791; Aug. 20.
Rotary furnace, Displaceable. K. R. Göhre and P. Jordan. 2,198,870; Apr. 30.
Rotary grass cutter. L. Goodall. 2,208,972; July 23.
Rotary hoe wheel. W. H. Frechtling and J. P. Ahlbrandt 2,196,857; Apr. 9.
Rotary hook. C. F. Rubel. 2,209,906; July 30.
Rotary inking mechanism. E. W. Worthington. 2,212,137; Aug. 20.

Rotary joint. C. O. Hanson. 2,208,292; July 16.
Rotary machine. J. S. Morgan, Jr., and J. D. Spalding. 2,205,269; June 18.
Rotary meter. W. P. Siebecker and A. J. Saarinen. 2,197,322; Apr. 16.
Rotary mill. E. F. McTarnahan. 2,221,715; Nov. 12.
Rotary mixer. E. K. Thomason. 2,201,748; May 21.
Rotary motor. E. G. Barrett. 2,208,177; July 16.
Rotary motor. W. E. Humrichouse. 2,196,675; Apr. 9.
Rotary printing press. G. Hantjopoulos. 2,206,186; July 2.
Rotary pump. J. L. Bilderbeck. 2,195,834–5; Apr. 2.
Rotary pump. F. E. Brady. 2,217,211; Oct. 8.
Rotary pump. A. M. Briggs. 2,189,356; Feb. 6.
Rotary pump. C. L. Cady. 2,185,992; Jan. 2.
Rotary pump. W. W. Davidson. 2,187,730; Jan. 23.
Rotary pump. D. A. Fulton. 2,198,382; Apr. 23.
Rotary pump. H. Garthe. 2,225,908; Dec. 24.
Rotary pump. A. J. Granberg. 2,211,417; Aug. 13.
Rotary pump. J. B. Hawley, Jr. 2,195,886; Apr. 2.
Rotary pump. A. O. A. Hodge. 2,221,189; Nov. 12.
Rotary pump. C. F. Waite. 2,221,501; Nov. 12.
Rotary pump, Sanitary. A. W. Dietzel. 2,193,273; Mar. 12.
Rotary radial piston pump. J. B. Hawley, Jr. 2,190,066; Feb. 13.
Rotary screen. E. Hansen. 2,223,104; Nov. 26.
Rotary steam engine. V. C. Lynch. 2,220,375; Nov. 5.
Rotary surfacing tool. R. K. Taylor. 2,192,459; Mar. 5.
Rotary switch. F. D. Bryant and W. R. Young. 2,201,881; May 21.
Rotary switch, Push button operated. C. A. Rasmussen. 2,218,358; Oct. 15.
Rotary table, Portable. F. G. Beckman. 2,199,734; May 7.
Rotary tube rack. M. G. Murray. 2,197,703; Apr. 16.
Rotary type fluid meter. N. J. Seibert and H. Chrisman. 2,202,122; May 28.
Rotary valve. A. A. Ruegg. 2,215,728; Sept. 24.
Rotatable element, Radially demountable. R. A. Hammon and J. S. Winnefeld. 2,205,195; June 18.
Rotating bodies, Balancing of. M. K. Taylor. 2,206,472; July 2.
Rotating objects, Balancing. A. L. MacCracken. 2,193,734; Mar. 12.
Rotation indicating device. W. E. Wanner. 2,189,235; Feb. 6.
Rotation indicator. W. R. Perry. 2,222,987; Nov. 26.
Rotation mechanism for rock drills. M. C. Huffman. 2,208,098; July 16.
Rotation mechanism for rock drills. W. A. Smith, Jr. 2,221,117; Nov. 12.
Rotation of camera winding knobs, Preventing reverse. J. Galter. 2,220,599; Nov. 5.
Rotogravure printing process. A. W. Raby and G. R. Harvey. 2,201,346; May 21.
Rotor. A. T. Kortz. 2,209,028; July 23.
Rotor. A. K. Phillippi. 2,221,605; Nov. 12.
Rotor, Aircraft sustaining. A. E. Larsen. 2,220,109; Nov. 5.
Rotor, Bladed aircraft sustaining. J. A. J. Bennett. 2,197,677; Apr. 16.
Rotor, Centrifugal blower. A. Stadler. 2,222,787; Nov. 26.
Rotor construction for rotary pumps. J. D. Dodge. 2,204,073; June 11.
Rotor construction for squirrel cage induction motors. E. F. Rendell. 2,192,841; Mar. 5.
Rotor device for rotating-wing aircraft. H. Focke. 2,217,107; Oct. 8.
Rotor, Elastic fluid turbine. G. W. Mortimer. 2,199,243; Apr. 30.
Rotor, Fluid. M. P. Carpenter. 2,187,875; Jan. 23.
Rotor for aircraft, Sustaining or lifting. J. A. J. Bennett. 2,192,492; Mar. 5.
Rotor for gas turbines and rotary compressors. G. Jendrassik. 2,213,940; Sept. 3.
Rotor for rotating-wing aircraft. H. Focke. 2,217,106; Oct. 8.
Rotor for snow plows. M. H. Bemis, E. R. Greer, and A. E. Morrison. 2,190,325; Feb. 13.
Rotor, Induction motor. W. R. Cox. 2,196,059; Apr. 2.
Rotor member for dynamo-electric machines, Salient-pole. H. G. Jungk. 2,209,334; July 30.
Rotor, Turbogenerator. R. A. Baudry. 2,221,567; Nov. 12.
Rouge applicator, Lip. D. W. Vredenburgh. 2,218,862; Oct. 22.
Roughing machine. C. G. Brostrom. 2,222,758; Nov. 26.
Roundabout. L. Spinelli. 2,200,864; May 14.
Roundabout or carrousel. C. H. Harrison. 2,225,008; Dec. 17.
Rounding machine. L. G. Miller. 2,216,824; Oct. 8.
Rounding machine. J. G. Turner. 2,216,146; Oct. 1.
Router, Multiple-repeat. G. B. Boehele. 2,214,450; Sept. 10
Routine testing circuit. J. B. Retallack. 2,227,380; Dec. 31.
Roving frame. T. Harris. 2,186,696; Jan. 9.
Rubber accelerator compositions. L. Meuser. 2,188,980; Feb. 6.
Rubber and making same, Crude. J. McGavack and C. E. Linscott. 2,213,321; Sept. 3.
Rubber and making same, Synthetic. J. C. Konow. 2,213,549; Sept. 3.

Rubber and making the same, Cellular. H. W. Greenup. 2,217,606; Oct. 8.
Rubber and method of flameproofing, Flameproofing sponge. C. O. Miserentino. 2,200,850; May 14.
Rubber and producing the same, Reclaimed. T. Robinson. 2,221,490; Nov. 12.
Rubber and product obtained thereby, Treating. L. H. Howland. 2,203,090; June 4.
Rubber and product obtained thereby, Vulcanizing. M. W. Harman. 2,223,446; Dec. 3.
Rubber and product obtained thereby, Vulcanization of. M. W. Harman. 2,224,388; Dec. 10.
Rubber article. J. J. Galligan. 2,191,910; Feb. 27.
Rubber article, Perfumed sponge. A. C. Fischer. 2,194,649; Mar. 26.
Rubber articles, Forming. S. R. Ogilby. 2,215,561–2; Sept. 24.
Rubber articles, Making. R. W. Albright. 2,203,072; June 4.
Rubber articles, Making. F. H. Schavoir. 2,192,507; Mar. 5.
Rubber articles, Method and apparatus for producing. R. H. Guinzburg. 2,199,790; May 7.
Rubber articles, Testing thin. A. M. Youngs. 2,213,113; Aug. 27.
Rubber bale cutter. S. Bolling. 2,211,051; Aug. 13.
Rubber bearing. A. O. Fabrin. 2,219,519; Oct. 29.
Rubber by the polymerization of butadienes, Manufacture of artificial. W. Pannwitz and B. Ritzenthaler. 2,216,958; Oct. 8.
Rubber composition. H. H. Harkins. 2,218,167; Oct. 15.
Rubber composition, Age resisting. J. R. Ingram. 2,191,664; Feb. 27.
Rubber composition, Age resisting. J. R. Ingram. 2,226,771; Dec. 31.
Rubber composition and its manufacture. J. Treboux. 2,193,748; Mar. 12.
Rubber composition and preservation of rubber. R. L. Sibley. 2,204,870; June 18.
Rubber composition and preservation of rubber. R. L. Sibley. 2,221,207; Nov. 12.
Rubber composition and preserving rubber. R. F. Dunbrook and B. J. Humphrey. 2,203,899; June 11.
Rubber composition, Synthetic. E. Ott. Re. 21,572; Sept. 17.
Rubber compositions, Plasticized synthetic. P. J. Wiezevich. 2,202,363; May 28.
Rubber compound. H. Wilson. 2,221,304; Nov. 12.
Rubber, Compounding. E. N. Cunningham. 2,199,099; Apr. 30.
Rubber-extruding apparatus. W. E. Humphrey. 2,218,751; Oct. 22.
Rubber filaments into thread, Assembling. R. G. James. 2,203,387; June 4.
Rubber hydrochloride, Preservation of. A. Hershberger. 2,190,287; Feb. 13.
Rubber hydrohalides, Purifying. H. A. Winkelmann. 2,208,442; July 16.
Rubber impeller. G. G. Morse. 2,217,231; Oct. 8.
Rubber manufacture, Sponge. H. R. Minor. 2,197,894; Apr. 23.
Rubber masses, Production of cellular. M. Carter. 2,217,605; Oct. 8.
Rubber, Method and apparatus for internally electrically heating expanding. F. W. Peel and C. J. Kilduff. 2,204,617; June 18.
Rubber, Method and apparatus for subdividing crude. A. Hale. 2,215,435; Sept. 17.
Rubber molding and vulcanizing process. F. M. Daley and L. H. De Wyk. 2,200,262; May 14.
Rubber molding press. J. Hoza. 2,221,742; Nov. 12.
Rubber mounting. F. R. Eichner. 2,189,138; Feb. 6.
Rubber or rubberlike compounds, Synthesis of artificial. H. B. Kipper. 2,217,057; Oct. 8.
Rubber or rubberlike masses from latex, Production of. W. Binns. 2,226,517; Dec. 24.
Rubber, Pitcher's. E. H. Love. 2,189,428; Feb. 6.
Rubber, Preservation of. W. Baird, R. F. Goldstein, M. Jones, and E. M. Meade. 2,196,719; Apr. 9.
Rubber, Preservation of. J. R. Ingram. 2,187,155; Jan. 16.
Rubber, Preservation of. R. L. Sibley. 2,216,524; Oct. 1.
Rubber process. T. L. Shepherd. 2,221,316; Nov. 12.
Rubber process and product. T. L. Shepherd. 2,203,701; June 11.
Rubber, Process and product for softening. A. E. Warner. 2,215,382–3; Sept. 17.
Rubber, Process of vulcanizing. D. J. Beaver. 2,199,979; May 7.
Rubber product and producing the same. F. H. Manchester. 2,188,283; Jan. 23.
Rubber product, Chlorinated. J. P. Baxter and L. T. Dod. 2,191,748; Feb. 27.
Rubber product, Hard. H. J. Schelhammer. 2,214,182; Sept. 10.
Rubber product, Sponge. H. R. Minor. 2,194,364; Mar. 19.
Rubber, Production of synthetic. J. J. Earshen. 2,205,699; June 25.
Rubber products, Production of spongy. J. A. Talalay. 2,194,036; Mar. 19.
Rubber, Reclaiming. B. S. Garvey. 2,193,624; Mar. 12.
Rubber, Reducing the viscosity of chlorinated. J. M. Peterson. 2,198,973; Apr. 30.
Rubber sheathing and applying same. R. H. Kittner and K. J. Durant. 2,209,403; July 30.
Rubber sheeting, Tear resisting. A. N. Iknayan. 2,198,008; Apr. 23.
Rubber, Softened. W. F. Busse and E. N. Cunningham. 2,206,448; July 2.
Rubber, Softening. I. Williams and C. C. Smith. 2,190,587; Feb. 13.
Rubber, Softening. I. Williams and C. C. Smith. 2,191,266; Feb. 20.
Rubber, Softening. I. Williams and C. C. Smith. 2,223,085; Nov. 26.
Rubber, Sponge. M. W. Harman. 2,195,623; Apr. 2.
Rubber springing for motor vehicles. B. Barényi. 2,202,615; May 28.
Rubber substitute. P. J. Gaylor. 2,223,171; Nov. 26.
Rubber to form cushion grips for steering wheels, Shaping air filled. M. B. Ratner. 2,185,568; Jan. 2.
Rubber to metal, Adhering. H. W. Grinter. 2,188,434; Jan. 30.
Rubber to metal, Bonding of. E. L. Scholl, A. W. Oakleaf, and J. D. Morron. 2,220,460; Nov. 5.
Rubber transfer or decalcomania. A. B. Pöschel. 2,188,866; Jan. 30.
Rubber, Treating. J. A. Merrill. 2,222,355; Nov. 19.
Rubber treating material. H. D. Meincke. 2,211,510; Aug. 13.
Rubber treatment and reactions, Scrap. H. A. Winkelmann. 2,208,441; July 16.
Rubber, Treatment of. A. J. Laliberte. 2,199,002; Apr. 30.
Rubber, Treatment of. W. E. Messer. 2,211,144; Aug. 13.
Rubber, Treatment of. W. E. Messer and H. H. Bassford, Jr. 2,200,756; May 14.
Rubber vulcanization. W. Scott. 2,189,717; Feb. 6.
Rubber vulcanization. W. L. Semon. 2,188,420; Jan. 30.
Rubber vulcanization. G. W. Watt. 2,189,720; Feb. 6.
Rubber, Vulcanization of. A. M. Clifford. 2,211,616; Aug. 13.
Rubber, Vulcanization of. S. M. Evans. 2,222,867; Nov. 26.
Rubber, Vulcanization of. M. W. Harman. 2,214,460; Sept. 10.
Rubber, Vulcanization of. P. C. Jones. 2,199,105; Apr. 30.
Rubber, Vulcanization of. J. G. Lichty. 2,197,570; Apr. 16.
Rubber, Vulcanization of. J. G. Lichty. 2,205,100–1; June 18.
Rubber, Vulcanization of. J. G. Lichty. 2,208,327; July 16.
Rubber, Vulcanization of. J. G. Lichty. 2,211,623; Aug. 13.
Rubber, Vulcanization of. J. G. Lichty. 2,217,622; Oct. 8.
Rubber, Vulcanization of. J. G. Lichty. 2,222,354; Nov. 19.
Rubber, Vulcanization of. W. Scott. 2,205,070; June 18.
Rubber, Vulcanization of. G. W. Watt. 2,197,574; Apr. 16.
Rubber, Vulcanization of. G. W. Watt. 2,211,632; Aug. 13.
Rubber, Vulcanizing sponge. E. W. Madge, A. A. Round, and T. Norcross. 2,200,847; May 14.
Rubberized fabric. J. M. Lurie. 2,213,883; Sept. 3.
Rubberlike composition, Preparing insoluble elastic. E. Schnabel. 2,219,661; Oct. 29.
Rubberlike compositions from petroleum hydrocarbons, Producing. E. W. Hultman. 2,209,333; July 30.
Rubberlike materials, Producing soft synthetic. W. D. Wolfe. 2,217,631; Oct. 8.
Rubberlike product. H. G. Kittredge. 2,208,305; July 16.
Rubberlike products and making them. F. Bitterich. 2,211,048; Aug. 13.
Rubbing down device. H. Neuwirth. 2,225,229; Dec. 17.
Rubbing machine. R. J. Champayne. 2,224,140; Dec. 10.
Rubbish receptacle. G. Katz. 2,213,915; Sept. 3.
Rug. A. Beck. 2,212,413; Aug. 20.
Rug display apparatus. J. Hutchinson. 2,188,185; Jan. 23.
Rug dusting machine. A. L. Elkins and C. P. Edwards. 2,209,647; July 30.
Rug rolling and wrapping machine. C. P. Dyken. 2,215,174; Sept. 17.
Rugs, Method and apparatus for treating printed. M. R. Greiser. 2,225,497; Dec. 17.
Rule and gauge, Film measuring. R. C. Mercer. 2,210,422; Aug. 6.
Rule and straightedge. G. Cunningham. 2,195,694; Apr. 2.
Rule clamp. J. E. Hastings. 2,194,085; Mar. 19.
Rule gauge. J. W. Fulton. 2,204,353; June 11.
Rule, Hook. C. P. Ashel. 2,199,235; Apr. 30.
Rule, Justification. W. G. Turquand. 2,214,091; Sept. 10.
Rule, Proportional slide. B. Ferrughelli. 2,190,472; Feb. 13.
Rule, Rolling. W. E. Evans. 2,203,134; June 4.
Rule, Slide. C. P. Berg. 2,190,281; Feb. 13.
Rule, Slide. H. C. Goodrich. 2,221,476; Nov. 12.
Rule, Stepping. C. M. Daley, Jr. 2,223,000; Nov. 26.
Ruler for fur coats and the like, Striping. F. Chyz. 2,220,753; Nov. 5.

Runner. E. C. Gledhill. 2,215,830; Sept. 24.
Runner attachment for ice skates. J. W. Harrison. 2,218,803; Oct. 22.
Runner for skates, Detachable snow. O. Nygaard. 2,213,966; Sept. 10.
Runner for trolley devices, Insulated. R. P. Hanna. 2,221,582; Nov. 12.
Runner, Supporting. T. Brown. 2,207,283; July 9.
Running board. T. W. Delanty. 2,208,020; July 16.
Running board and the like. T. W. Delanty. 2,208,021; July 16.
Running board construction for car roofs. C. D. Bonsall. 2,198,430; Apr. 23.
Running board for railroad cars. G. A. Steuber. 2,188,729; Jan. 30.
Rust remover. H. Friedmann. 2,221,968; Nov. 19.
Rust removing composition. G. Witty. 2,209,291; July 23.
Saccharin in formaldehyde-urea molding compositions, N-methyl. E. H. Balz. 2,201,021; May 14.
Saccharine liquids, Refining. W. A. La Lande, Jr. 2,211,727; Aug. 13.
Sachet device, Continuous. H. S. Frank. 2,200,840; May 14.
Saddle. L. W. Frueh. 2,208,303; July 16.
Saddle and mounting therefor. A. D. Hayes. 2,193,455; Mar. 12.
Saddle block for power shovels. S. L. G. Knox. 2,211,783; Aug. 20.
Saddle connection for bicycles, motor cycles, and the like. G. A. Guidetti. 2,186,483; Jan. 9.
Saddle construction. R. W. Faulhaber. 2,211,600; Aug. 13.
Saddle, Cycle. F. Mesinger. 2,225,317; Dec. 17.
Saddle for textile machines. G. Repass. 2,224,105; Dec. 3.
Saddle, Top roll. G. Repass and H. B. Ahlberg. 2,203,419; June 4.
Saddletree and rigging therefor. L. H. Hamley. 2,207,982; July 16.
Sadiron. E. K. Clark. Re. 21,585; Oct. 1.
Sadiron. E. K. Clark. 2,195,002; Mar. 26.
Sadiron assembly. N. D. Vea. 2,207,673; July 9.
Sadiron, Automatic temperature control. H. A. Smith. 2,198,924; Apr. 30.
Sadiron, Electric. L. Reichold. Re. 21,611; Oct. 29.
Sadiron holder. W. L. Chew. 2,224,781; Dec. 10.
Sadiron lifting means. H. Burian. 2,224,896; Dec. 17.
Sadiron, Multivoltage. G. S. Braun. 2,215,029; Sept. 17.
Sadiron, Self-lifting. I. P. Simonsen. 2,211,839; Aug. 20.
Sadiron structure. R. I. Huffman. 2,207,669; July 9.
Sadiron support. B. C. Webster, Jr. 2,201,601; May 21.
Safe, Burglar resisting. C. R. Davis. 2,203,675; June 11.
Safety and indicating mechanism for elevators. J. C. A. and A. C. G. Anderson. 2,187,390; Jan. 16.
Safety apparatus. O. E. Zoder. 2,194,348; Mar. 19.
Safety apparatus. O. E. Zoder. 2,212,486; Aug. 20.
Safety apparatus for retaining persons in the seats of aircraft or other vehicles. A. A. Lethern. 2,195,334; Mar. 26.
Safety apparatus, Motor vehicle. J. C. Hubbard. 2,194,390; Mar. 19.
Safety appliance. S. Myerson. 2,225,708; Dec. 24.
Safety automatic stopping device for automobiles and the like vehicles. K. Yamada. 2,185,936; Jan. 2.
Safety block. M. P. Palsson. 2,187,361; Jan. 16.
Safety boxcar door. W. J. Lewis. 2,194,230; Mar. 19.
Safety cleaning tool. M. Hector. 2,221,137; Nov. 12.
Safety clutch. R. P. Lewis. 2,224,440; Dec. 10.
Safety control. A. F. Fischer. 2,226,903; Dec. 31.
Safety control. R. E. Zeruneith. 2,226,917; Dec. 31.
Safety control and change-over, Automatic. E. Sklar. 2,206,371; July 2.
Safety control and shutoff device. H. A. Mantz. 2,213,844; Sept. 3.
Safety control device for gas governors. G. H. Arnold. 2,221,564; Nov. 12.
Safety control for aircraft. W. van Nes. 2,205,610; June 25.
Safety control for gas burning appliances. J. H. Grayson. 2,201,398; May 21.
Safety control for motor propelled vehicles, Automatic. A. A. Hill. 2,218,910; Oct. 22.
Safety control for square cutters. H. G. Dewey. 2,210,886; Aug. 13.
Safety control mechanism for valves. H. Post. 2,214,347; Sept. 10.
Safety controllable driving machine. J. M. Minkow. 2,222,540; Nov. 19.
Safety coupling. J. Piper. 2,205,153; June 18.
Safety cut-out switch. C. E. Hagel. 2,222,029; Nov. 19.
Safety device. C. E. Blank. 2,204,338; June 11.
Safety device. C. E. Blank. 2,220,702; Nov. 5.
Safety device. H. Deutsch. 2,218,036; Oct. 15.
Safety device. L. R. Hollingshead. 2,216,570; Oct. 1.
Safety device. A. J. Reilly. 2,195,014; Mar. 26.
Safety device. E. Schaer. 2,194,873; Mar. 26.
Safety device. A. L. Taylor. 2,206,471; July 2.
Safety device. W. D. Wallace. 2,220,592; Nov. 5.
Safety device, Amusement park. W. B. Schmidt. 2,221,414; Nov. 12.
Safety device, Backfire. F. S. Orem. 2,200,010; May 7.
Safety device for aircraft. S. H. Juul. 2,193,029; Mar. 12.
Safety device for airplanes. M. Sepko. 2,227,204; Dec. 31.
Safety device for automobile doors. P. Mazur and W. S. Tandler. 2,220,167; Nov. 5.
Safety device for automobile passengers. A. Soble. 2,194,874; Mar. 26.
Safety device for automobiles. A. L. Schulze. 2,222,001; Nov. 19.
Safety device for automobiles or airplanes, Fire. F. S. Smith. 2,204,735; June 18.
Safety device for catheads. S. D. Rowe. 2,193,010; Mar. 12.
Safety device for dispensing pumps. C. S. Hazard. 2,191,154; Feb. 20.
Safety device for distillation apparatus and the like. W. E. Booth. 2,194,351; Mar. 19.
Safety device for electrically controlled apparatus. I. E. McCabe. 2,188,555; Jan. 30.
Safety device for furnaces. M. M. Swepston. 2,190,892; Feb. 20.
Safety device for gas conductors. H. Arquint and O. Kiesel. 2,187,768; Jan. 23.
Safety device for generators. L. E. Hills. 2,193,172; Mar. 12.
Safety device for glass blowing machines. J. P. Benoit, L. H. Wideman, and C. C. Kinker. 2,227,374; Dec. 31.
Safety device for gun mounts. C. W. Morris. 2,196,269; Apr. 9.
Safety device for heating and other apparatus. G. Wünsch and J. Schuppert. 2,189,829; Feb. 13.
Safety device for hydraulic brake systems. S. C. George and J. J. Weber. 2,190,872; Feb. 20.
Safety device for hydraulic brake systems. H. J. Hirschey and J. E. Robillard. 2,196,919; Apr. 9.
Safety device for kick presses. J. W. Lynch. 2,207,297; July 9.
Safety device for low pressure vessels. C. E. Huff. 2,225,220; Dec. 17.
Safety device for mine cars. J. Pugh. 2,186,390; Jan. 9.
Safety device for molding machines. J. Hoch. 2,211,621; Aug. 13.
Safety device for motor vehicles. C. Ehret. 2,223,097; Nov. 26.
Safety device for moving picture projectors. J. Jacobson and N. Granatstein. 2,222,666; Nov. 26.
Safety device for oil heaters. R. H. Gelder and R. R. Gordon. 2,202,098; May 28.
Safety device for power operated wringers. G. J. Meuer. 2,213,470; Sept. 3.
Safety device for presses. B. J. Victor. 2,199,766; May 7.
Safety device for punch presses. J. MacBlane. 2,199,501; May 7.
Safety device for railway locomotive boilers. J. G. Brown. 2,194,636; Mar. 26.
Safety device for rotary drilling rigs. T. A. Taylor and C. F. McComas. 2,200,210; May 7.
Safety device for stamping presses and the like. E. Sandel. 2,210,181; Aug. 6.
Safety device for tension shutters. H. F. Albrecht. 2,221,017; Nov. 12.
Safety device for the firing mechanisms of firearms. C. E. Blizard. 2,225,583; Dec. 17.
Safety device for the fixation of ski. M. Duret. 2,198,154; Apr. 23.
Safety device for vehicles. A. E. Chesler. 2,198,862; Apr. 30.
Safety device for volatile liquid storage tanks. J. J. Tokheim. 2,188,022; Jan. 23.
Safety device for water systems. F. M. Dawson. 2,211,459; Aug. 13.
Safety device for wringers. W. O. Duke. 2,199,358; Apr. 30.
Safety device for wringers. W. L. Kauffman, II. 2,216,745; Oct. 8.
Safety device for wringers. C. G. Lundstrom. 2,207,436; July 9.
Safety device, Railway switch track. P. P. Jargick. 2,195,110; Mar. 26.
Safety device, Recoil preventing. H. E. Heigis. 2,193,725; Mar. 12.
Safety device, Thermoelectric. H. A. Mantz. 2,198,453; Apr. 23.
Safety device, Trolley wire. A. H. Genter. 2,225,559; Dec. 17.
Safety device, Wing flap operating and overload. E. Molloy. 2,195,035; Mar. 26.
Safety gas-expulsion device for furnaces. S. S. Roberts. 2,193,697; Mar. 12.
Safety ground switch. C. P. Saupp, Jr. 2,195,940; Apr. 2.
Safety guard for die presses. E. H. Hall. 2,185,298; Jan. 2.
Safety heater. W. J. Linch. 2,192,920; Mar. 12.
Safety hook. R. K. Hertel. 2,196,460; Apr. 9.
Safety hook. A. R. Hines. 2,219,228; Oct. 22.
Safety hub cap. E. J. Hicks. 2,191,388; Feb. 20.
Safety joint. F. N. Osmun. 2,202,260–1; May 28.
Safety lamp. B. J. P. Y. Giroud. 2,213,880; Sept. 3.
Safety lock. V. J. Giardina. 2,212,771; Aug. 27.
Safety lock. H. Süsser. 2,221,664; Nov. 12.
Safety lock protector. S. Freedman. 2,196,899; Apr. 9.

Safety means for certain knitting machine mechanisms. H. E. Haehnel. 2,210,238; Aug. 6.
Safety means for ladders. P. Meier. 2,196,640; Apr. 9.
Safety means for wringer rolls. J. E. Peterson and E. Saul. 2,206,469; July 2.
Safety means for wringers. W. L. Kauffman, II. 2,216,392; Oct. 1.
Safety mechanism for firearms. H. L. Crockett. 2,191,521; Feb. 27.
Safety mechanism for firearms. H. J. Kneubuehl. 2,198,824; Apr. 30.
Safety mechanism for wringers and the like. W. L. Kauffman, II. 2,216,393; Oct. 1.
Safety pilot, Automatic. C. S. Andersen. 2,185,423; Jan. 2.
Safety pin. P. K. Morris. 2,200,290; May 14.
Safety pin. O. Thoresen. 2,212,889; Aug. 27.
Safety pin and the like. N. J. Christman. 2,223,552; Dec. 3.
Safety pole clip. J. W. Lowes. 2,220,789; Nov. 5.
Safety pressure relief device. M. E. Bonyun and J. F. Andrews. 2,194,159; Mar. 19.
Safety release mechanism. N. L. Etten. 2,192,401; Mar. 5.
Safety snatch block. A. M. Hill. 2,187,268; Jan. 16.
Safety steering wheel. G. S. Crockett. 2,210,232; Aug. 6.
Safety structure, Decorative laminated. V. H. Rosén. 2,193,207; Mar. 12.
Safety structure for high pressure apparatus. H. Niederreither. 2,204,816; June 18.
Safety system responsive to temperature and fluid flow. R. A. Wittmann. 2,227,291; Dec. 31.
Safety switch. F. Colby. 2,208,179; July 16.
Safety switch. F. L. Lade. 2,206,324; July 2.
Safety switch point bridal bar protector. A. M. Ritchey. 2,222,855; Nov. 26.
Safety valve. A. G. Blanchard and O. L. Mulloy. 2,212,997; Aug. 27.
Safety valve. H. C. Henze. 2,204,757; June 18.
Safety valve. W. E. Hubbard. 2,211,656; Aug. 13.
Safety valve. J. J. McBride. 2,190,725; Feb. 20.
Safety valve. J. J. McBride. 2,226,732; Dec. 31.
Safety valve. P. E. Perman. 2,206,425; July 2.
Safety valve. L. A. Safford and J. M. Love. 2,221,724; Nov. 12.
Safety valve, Combined automatic and manually controlled. J. S. Andrews. 2,185,364; Jan. 2.
Safety wrench. J. Sunnen. 2,205,501; June 25.
Safety wrench. R. B. Wellborn, J. L. Dye, and N. R. Perry. 2,197,908; Apr. 23.
Salad dressing. W. F. Straub. 2,221,957; Nov. 19.
Salad dressing and preparing same. A. Musher. 2,217,699; Oct. 15.
Salad dressing, Preparing. D. C. Ingraham and W. Wong. 2,185,465; Jan. 2.
Salad, Manufacture of pasteurized potato. E. R. Meaker. 2,206,483; July 2.
Sales apparatus, Automatic. R. Stra. 2,185,872; Jan. 2.
Salicylaldehyde purification. R. P. Perkins. 2,190,607; Feb. 13.
Salt, Antimonyl catechol salicylic acid sodium. H. P. Brown and J. A. Austin. 2,221,831; Nov. 19.
Salt bath furnace. F. Brieger. 2,215,317; Sept. 17.
Salt block holder. F. H. Beyea. 2,203,275; June 4.
Salt, Iodized. R. E. Berry. 2,205,872; June 25.
Salt melts as heat transfer media. W. Beck. 2,211,047; Aug. 13.
Salt mixture, Stabilized reactive. H. V. Moss. 2,222,830; Nov. 26.
Salt of a mono-alkyl trithio-carbonate, Production of an alkali metal. W. T. Bishop. 2,197,964; Apr. 23.
Salt of phthalocyanine sulphonic acid. E. Hartmann and F. Moll. 2,187,816; Jan. 23.
Salt purification. A. J. Weinig. 2,222,330; Nov. 19.
Salt, Quaternary ammonium. O. Albrecht. 2,202,328; May 28
Salt, Recovery of Glauber's. T. F. Banigan and O. E. Snyder. 2,190,280; Feb. 13.
Salt solutions adapted for injections, Stable organic calcium. E. Sturm and R. Fleischmann. 2,222,520; Nov. 19.
Salter, Meat. G. H. Harper. 2,187,687; Jan. 16.
Saltpeter baths, Regenerating fused. J. M. Michel. 2,196,153; Apr. 2.
Salts, Extrusion of higher alkyl sulphate. C. O. Henke and R. G. Benner. 2,205,037; June 18.
Salts of alkyl napthalene sulphonic acids, Amidine. L. C. Daniels and E. L. Kropa. 2,223,935; Dec. 3.
Salts of B-methyl choline and acyl derivatives thereof. Production of. G. Roeder. 2,192,204; Mar. 5.
Salts of ergotocin and producing them. M. S. Kharasch and R. R. Legault. 2,220,801; Nov. 5.
Salts of glucosides and preparing the same, Hydrogen ester. M. Bockmuhl and G. Ehrhart. 2,189,723; Feb. 6.
Salts of nitro-phenols, Anine. E. C. Britton and F. B. Smith. 2,225,618; Dec. 24.
Salts of purine derivatives, Manufacture of water-soluble double. F. Hoffmann. 2,219,741; Oct. 29.
Salts of sulphocarboxylic acid esters, Substituted ammonium. B. R. Harris. 2,221,377; Nov. 12.
Salts of therapeutically active bases, Aliphatic-sulphonate. H. A. Shonle. 2,215,940; Sept. 24.
Salts of thioether carboxylic acids, Heavy metal. R. Rosen. 2,216,751; Oct. 8.
Salts of 12-ketostearic acid, Metal. H. L. Cox. 2,215,955; Sept. 24.
Salts of 2-keto-aldonic acids, Preparation of. R. Pasternack and P. P. Regna. 2,203,923; June 11.
Salts, Preparing pyridylmercuric. R. N. Shreve and M. J. Skeeters. 2,206,309; July 2.
Salts, Production of guanidine. W. H. Hill, R. C. Swain, and J. H. Paden. 2,221,478; Nov. 12.
Salts, Quaternary ammonium. H. A. Piggott and C. S. Woolvin. 2,202,864; June 4.
Salts, soap, and like personal toilet substances, Wrapping and presentation for use of bath. H. Fernbach. 2,204,037; June 11.
Salts, Stabilizing organic heavy metal. M. Bogdan. 2,199,828–9; May 7.
Sample-taking apparatus. C. C. Jessup. 2,198,821; Apr. 30.
Sampler, Proportional. B. E. Price. 2,225,798; Dec. 24.
Samples, Method and apparatus for taking. C. R. Edwards. 2,214,551; Sept. 10.
Sampling can. S. H. Brooks. 2,223,598; Dec. 3.
Sampling device. A. E. Jurs. 2,198,116; Apr. 23.
Sampling device. J. L. Shular. 2,208,167; July 16.
Sampling device. J. E. Valentine. 2,185,386; Jan. 2.
Sanctuary lamp. A. T. Candy, Jr. 2,189,746; Feb. 6.
Sanctuary lamp. A. T. Candy, Jr. 2,214,991; Sept. 17.
Sand and gas trap. M. W. Russell and P. G. Miller. 2,189,272; Feb. 6.
Sand and like material, Method of and machine for preparing, molding and packing. H. Wagner. 2,192,462; Mar. 5.
Sand and like materials, Apparatus for conditioning. B. A. Smith. 2,188,798; Jan. 30.
Sand blasting, Method and apparatus for. L. L. Tirrell. 2,200,587; May 14.
Sand centrifuging cleaning machine. K. Grocholl. 2,224,647; Dec. 10.
Sand classifier. I. M. Clicquennoi and H. W. Weimer. 2,203,405; June 4.
Sand conditioning machine. S. B. Davies. 2,206,164; July 2.
Sand drier. J. Raigosa. 2,219,634; Oct. 29.
Sand filtration, Method of and apparatus for rapid. I. H. Jewell. 2,209,602; July 30.
Sand milling machine. G. Walther. 2,222,054; Nov. 19.
Sand pump. C. C. King. 2,190,407; Feb. 13.
Sand, Purification of. L. P. Curtin. 2,198,527; Apr. 23.
Sand scatterer. P. A. Watson. 2,190,619; Feb. 13.
Sand sucker apparatus. A. L. Cox. 2,223,602; Dec. 3.
Sand under water, Depositing of. A. E. Bretting. 2,191,845; Feb. 27.
Sandal. E. Cohen. 2,206,001; June 25.
Sandal. C. W. Shea. 2,193,943; Mar. 19.
Sandal, Bath. W. H. Gilbert and F. F. Hosmer. 2,190,982; Feb. 20.
Sandal cover. L. M. Wash. 2,190,579; Feb. 13.
Sandblast system, Direct impulse. L. D. Peik. 2,204,618; June 18.
Sander. C. A. Campbell. 2,196,976; Apr. 16.
Sander. C. A. Campbell and L. A. Safford. 2,196,977; Apr. 16.
Sander. C. A. Campbell. 2,196,978; Apr. 16.
Sander. A. Vonnegut. 2,194,577; Mar. 26.
Sander, Floor. T. E. La Salle. 2,224,437; Dec. 10.
Sander for vehicle wheels. A. Todd. 2,207,169; July 9.
Sander, Hand. D. Epner. 2,201,645; May 21.
Sander, Hand. T. B. McGinnis. 2,206,482; July 2.
Sander mechanism. A. W. Sudbury. 2,185,234; Jan. 2.
Sander, Road. F. S. and F. H. Beach. 2,209,555; July 30.
Sander, Vehicle. S. Riccio and W. P. Johnson. 2,216,297; Oct. 1.
Sanding and rubbing device. W. B. Wilson. 2,202,072; May 28.
Sanding block. C. W. Reichel. 2,199,962; May 7.
Sanding block. J. W. Vanderveer. 2,214,515; Sept. 10.
Sanding device. L. Angle. 2,188,238; Jan. 23.
Sanding device. P. Farrell. 2,223,722; Dec. 3.
Sanding device for automobiles. R. C. Kirk. 2,212,865; Aug. 27.
Sanding device, Vehicle. C. C. Farmer. 2,208,755; July 23.
Sanding head. W. H. Hill and H. C. Hall. 2,215,151; Sept. 17.
Sanding machine. E. C. Clarke. 2,218,874; Oct. 22.
Sanding machine. B. F. Fowler. 2,199,069; Apr. 30.
Sanding machine. R. A. Reid. 2,205,492; June 25.
Sanding machine. J. S. Richardson. 2,192,240; Mar. 5.
Sanding machine, Wet. W. L. Goodstein. 2,221,448 Nov. 12.
Sanding mechanism. C. A. Campbell. 2,222,604; Nov. 26.
Sanding or polishing wheel. R. S. Gutsell. 2,221,173; Nov. 12.
Sandwich cooky machine. F. C. Werner. 2,206,313; July 2.
Sandwich-making machine, Automatic. H. E. Knaust. 2,201,402; May 21.
Sanitary apparatus for valved air gap. W. C. Groeniger. 2,188,132; Jan. 23.
Sanitary apparatus with air gap. W. C. Groeniger. 2,187,738; Jan. 23.

Sanitary article and manufacture thereof, Sewed. C. G. Joa. 2,213,431; Sept. 3.
Sanitary device. C. W. Peters. 2,214,066; Sept. 10.
Sanitary device, Combination. E. C. Bishelany. 2,200,531; May 14.
Sanitary dispenser. H. A. Allen. 2,221,749; Nov. 19.
Sanitary disposition of fecal and other refuse materials. G. O. Harm. 2,205,405; June 25.
Sanitary fixture. H. R. Dennis. 2,185,887; Jan. 2.
Sanitary fixture, Composite. H. A. Faber. 2,198,605; Apr. 30.
Sanitary valve. F. Hinrichs and G. N. Sery. 2,204,856; June 18.
Saponified products, Method of and apparatus for forming and conditioning. B. H. Thurman. 2,193,786; Mar. 12.
Sash and moisture-absorbing receptacle assembly, Double. O. M. Edwards. 2,212,063; Aug. 20.
Sash and store front construction. C. D. Lowry. 2,188,412; Jan. 30.
Sash and store front construction. C. D. Lowry. 2,197,557; Apr. 16.
Sash balance. O. L. Dautrick. 2,190,098; Feb. 13.
Sash balance. L. Hirsh. 2,191,959; Feb. 27.
Sash balance and lock. E. F. Cannon and F. E. Croy. 2,209,293; July 23.
Sash construction. V. E. Peterson. 2,185,735; Jan. 2.
Sash control mechanism, Window. E. F. Wiley. 2,224,365; Dec. 10.
Sash-cord attachment fixture. T. P. Gumper. 2,223,613; Dec. 3.
Sash, Door and window. H. A. Gerland. 2,190,263; Feb. 13.
Sash fastener. C. F. Polack. 2,226,072; Dec. 24.
Sash frame, Inside window. J. Takach. 2,217,997; Oct. 15.
Sash from its frame, Loosening a window. J. Waldheim. 2,186,944; Jan. 16.
Sash hanger. C. O. Goserud. 2,203,049; June 4.
Sash hanger, Storm. P. F. Tibbetts. 2,224,278; Dec. 10.
Sash holder. G. R. Haynes. 2,218,149; Oct. 15.
Sash holder. J. P. Weagant. 2,217,035; Oct. 8.
Sash holder mechanism. R. T. Axe. 2,204,464; June 11.
Sash lock. I. Birman. 2,190,205; Feb. 13.
Sash lock. C. Cueno. 2,213,561; Sept. 3.
Sash lock. E. O. Daniels. 2,194,641; Mar. 26.
Sash-operating device. C. P. Pond. 2,188,231; Jan. 23.
Sash operator, Window. C. O. Larson. 2,226,824; Dec. 31.
Sash or store front construction. C. D. Lowry. 2,190,720; Feb. 20.
Sash supporting and locking means, Window. E. De Nicolais. 2,199,484; May 7.
Sash, Twin. C. E. Grigsby. 2,187,078; Jan. 16.
Sash, Ventilating puttyless. S. Madsen and H. C. Mueller. 2,218,887; Oct. 22.
Sash, Window. E. K. Geyser. 2,201,577; May 21.
Sashes, Balancing window. G. L. Huff. 2,226,721; Dec. 31.
Satchel, Electrically lighted. A. H. Taylor. 2,192,820; Mar. 5.
Saucepan, Lock lid strainer. R. F. Krause and G. G. Sill. 2,185,897; Jan. 2.
Saucer. R. G. Cowan. 2,210,283; Aug. 6.
Saucer, Flowerpot. I. H. Greene. 2,206,694; July 2.
Sausage treating apparatus. H. H. McKee. 2,190,432; Feb. 13.
Sausage treatment. L. B. Jensen and L. S. Paddock. 2,225,783; Dec. 24.
Save-all. A. R. Velasco and W. Wyllie. 2,191.052; Feb. 20.
Saw. E. J. Hechler. 2,224,867; Dec. 17.
Saw, Angle cutting multiple band. W. B. Turner. 2,201,413; May 21.
Saw blade. L. Brubaker. 2,194,785; Mar. 26.
Saw blade, Hack. W. Boe and T. G. Stuppy. 2,214,827; Sept. 17.
Saw, Chain. M. L. Forrest. 2,197,210; Apr. 16.
Saw, Composing room. F. W. Seybold. 2,188,446; Jan. 30.
Saw, Composing room. F. W. Seybold. 2,202,434; May 28.
Saw display stand. J. R. Hill. 2,195,964; Apr. 2.
Saw guide, Band. O. D. Storz. 2,210,185; Aug. 6.
Saw handle and measuring device. J. N. Alexander. 2,188,027; Jan. 23.
Saw, Hay cutting. J. J. Conover. 2,199,618; May 7.
Sawhorse. C. O. Larson. 2,197,187; Apr. 16.
Saw, Insertable tooth metal saw. D. E. Gommel. 2,221,735; Nov. 12.
Saw machine. C. Rasmussen. 2,200,894; May 14.
Saw machine base. C. H. Bradfield. 2,188,827; Jan. 30.
Sawmill carriage offset. G. W. Peck. 2,186,493; Jan. 9.
Saw, Pneumatic. W. Zielonka. 2,193,895; Mar. 19.
Saw, Portable circular. J. S. Farmer. 2,216,971; Oct. 8.
Saw, Portable circular. A. I. Silverman. 2,217,923; Oct. 15.
Saw, Power driven hack. E. J. Paque. 2,216,828; Oct. 8.
Saw, Power hack. J. P. O'Hern. 2,206,614; July 2.
Saw protector, Automatic. C. R. Myers and O. C. Taylor. 2,224,272; Dec. 10.
Saw set. Z. Nicolas. 2,223,266; Nov. 26.
Saw set. W. R. Williams, Sr. 2,225,141; Dec. 17.
Saw setter and filer. E. J. Cederberg. 2,223,782; Dec. 3.
Saw setting device for edgers. J. and J. M. Heaps. 2,190,152; Feb. 13.
Saw shaper. A. M. Ferrari. 2,201,766; May 21.
Saw-sharpening device. H. C. Thomas. 2,194,464; Mar. 26.
Saw sharpening machine. A. Stihl. 2,217,145; Oct. 8.
Saw, Stump. K. L. Wixson. 2,224,757; Dec. 10.
Saw-tooth current circuit. G. Hepp. 2,215,177; Sept. 17.
Saw-tooth current generator. M. Geiger. 2,227,075; Dec. 31.
Saw-tooth wave generator. R. Andrieu. 2,207,529; July 9.
Saw tooth wave generator. R. Andrieu. 2,221,069; Nov. 12.
Saw-tooth wave generator. M. Geiger. 2,217,401; Oct. 8.
Saw-tooth wave generator. M. Geiger. 2,220,712; Nov. 5.
Saw-tooth wave generator. M. Geiger. 2,225,300; Dec. 17.
Saw-tooth wave generator. R. Möller and H. Bähring. 2,218,764; Oct. 22.
Saw with interchangeable blade. J. T. Mills and J. F. Parson. 2,219,136; Oct. 22.
Sawing and miter cutting machine, Universal. W. M. Bayley and B. E. Hayes. 2,207,370; July 9.
Sawing machine. J. R. Hollister. 2,208,582; July 23.
Sawing machine and blade therefor, Stone. P. de V. d'Avaucourt. 2,189,780; Feb. 13.
Saws, Tensioning band. P. J. Burish. 2,209,674; July 30.
Saxophone. F. E. Comer. 2,203,593; June 4.
Scaffold. G. V. Gladville. 2,221,133; Nov. 12.
Scaffold. W. F. Jennens. 2,217,055; Oct. 8.
Scaffold. V. Orsenigo. 2,210,465; Aug. 6.
Scaffold. L. A. Reiner. 2,194,810; Mar. 26.
Scaffold. R. A. Uecker and E. H. Simpson. 2,195,906; Apr. 2.
Scaffold bracket. L. Murdock. 2,195,579; Apr. 2.
Scaffold, Folding. F. J. Gunther. 2,186,484; Jan. 9.
Scaffold jack. R. A. Uecker, I. G. Rambo, and D. E. Beatty. 2,203,114; June 4.
Scaffold machine. P. Hoitsma. 2,216,912; Oct. 8.
Scaffold. Portable window cleaning. N. Ireland. 2,194,978; Mar. 26.
Scaffold, Window. R. B. Whiteman. 2,219,642; Oct. 29.
Scaffolding. G. W. Causey. 2,201,608; May 21.
Scaffolding. C. C. Pimm. 2,185,948; Jan. 2.
Scaffolding clamp. J. Burton. 2,194,883; Mar. 26.
Scaffolding jack. H. E. Allard. 2,219,971; Oct. 29.
Scale. O. Ericksen. 2,210,399; Aug. 6.
Scale. A. W. Johnson. 2,193,594; Mar. 12.
Scale. W. G. Simmons. 2,189,866; Feb. 13.
Scale and pointer indicator. W. Zupanec. 2,215,310; Sept. 17.
Scale, Automatic. N. E. Dorrington and G. A. Cullon. 2,202,947; June 4.
Scale, Beam. J. H. Gwynne. 2,201,291; May 21.
Scale, Computing. A. Araujo. 2,190,640; Feb. 20.
Scale, Counting. M. T. Thorsson. 2,203,002; June 4.
Scale, Counting. L. S. Williams. 2,193,660; Mar. 12.
Scale deposits in steam generating plants, Prevention of. R. Stern. 2,226,592; Dec. 31.
Scale, Egg weighing. B. Zimmer. 2,205,917; June 25.
Scale for compounding formulas and other purposes. F. W. Quidas. 2,206,919; July 9.
Scale indicating means. L. S. Williams. 2,223,773; Dec. 3.
Scale lever system. B. W. King. 2,212,742; Aug. 27.
Scale, Photographic measuring and calculating. P. A. Friedell. 2,207,375; July 9.
Scale, Platform. J. P. Chamberlain. 2,196,334; Apr. 9.
Scale, Scoop. J. C. L. Thornhill and F. McCracken. 2,196,280; Apr. 9.
Scale, Weighing. G. R. Bennett. 2,193,669; Mar. 12.
Scale, Weighing. J. V. Farwell, 3rd., and F. A. Ray. 2,193,167; Mar. 12.
Scale, Weighing. T. B. Flanagan. 2,224,812; Dec. 10.
Scale, Weighing. H. O. Hem. 2,201,368; May 21.
Scale, Weighing. H. O. Hem. 2,220,679; Nov. 5.
Scale, Weighing. H. W. Hem. 2,186,830; Jan. 9.
Scale, Weighing. S. N. Hurt. 2,203,786; June 11.
Scale, Weighing. S. N. Hurt. 2,208,555; July 16.
Scale, Weighing. M. J. Lachance. 2,195,031; Mar. 26.
Scale, Weighing. C. O. Marshall. 2,213,587; Sept. 3.
Scale, Weighing. L. McClain. 2,186,256; Jan. 9.
Scale, Weighing. G. M. Richard. 2,213,594; Sept. 3.
Scale, Weighing. E. M. Schantz. 2,193,648; Mar. 12.
Scale, Weighing. W. F. Stimpson and M. J. Lachance. 2,188,965; Feb. 6.
Scale, Weighing. J. F. Sullivan. 2,218,562; Oct. 22.
Scale, Weighing. M. J. Weber and R. E. Vanderhoff. 2,224,327; Dec. 10.
Scale, Weighing. M. A. Weckerly. 2,213,599; Sept. 3.
Scale, Weighing. M. A. Weckerly. 2,217,243; Oct. 8.
Scale, Weighing. M. A. Weckerly. 2,220,668; Nov. 5.
Scale, Weighing. C. J. Zinke. 2,211,193; Aug. 13.
Scalp treating device. E. O. Loeber. 2,210,858; Aug. 6.
Scanner. S. L. Clothier and H. C. Hogencamp. 2,201,811; May 21.
Scanning apparatus. L. C. McNutt. 2,206,969; July 9.
Scanning current generator. P. T. Farnsworth. 2,214,077; Sept. 10.
Scanning device. G. L. Dimmick. 2,222,937; Nov. 26.
Scanning device. U. Knick. 2,195,863; Apr. 2.
Scanning device. K. Schlesinger. 2,227,006; Dec. 31.

Scanning disk manufacturing device. K. Schlesinger. 2,192,244; Mar. 5.
Scanning drum, Detachable. H. Carlson. 2,201,473; May 21.
Scanning method and apparatus. S. L. Clothier and H. C. Hogencamp. 2,226,508; Dec. 24.
Scanning system, Multiple. R. Harding, Jr. 2,202,795; May 28.
Scattering device. W. O. McCann and T. G. Weldon. 2,205,572; June 25.
Scavenging of the cylinders of two-stroke-cycle internal combustion engines. W. Cull. 2,189,357; Feb. 6.
Schooling device for airplane pilots. H. Kuppenbender. 2,186,545; Jan. 9.
Scissors. B. L. Atchison. 2,195,353; Mar. 26.
Scissors, Electric. E. J. Wiggins. 2,225,580; Dec. 17.
Scissors, Folding. C. E. Klopfer. 2,198,539; Apr. 23.
Scissors, Reversible collapsible. E. Williams. 2,192,725; Mar. 5.
Scissors, Ruler attachment for. J. Muserlian. 2,211,577; Aug. 13.
Scissors, Sliding blade. J. Muserlian. 2,203,541; June 4.
Scoop. E. R. Barrett. 2,196,690; Apr. 9.
Scoop, Basting. K. Bird. 2,189,483; Feb. 6.
Scoop, Change. J. Hardina. 2,201,828; May 21.
Scoop, Ice-cream. H. E. Knaust. 2,201,403; May 21.
Scoop, Snow. L. A. Cote. 2,190,558; Feb. 13.
Scooter board. S. S. Mittleburg. 2,222,678; Nov. 26.
Scooter brake. J. M. Rodriguez. 2,200,935; May 14.
Scoreboard. J. O. and H. L. Ivie. 2,190,543; Feb. 13.
Scoreboard, Coin controlled. O. Klaus. 2,189,504; Feb. 6.
Score keeper. A. B. Barteaux. 2,211,635; Aug. 13.
Scoring device for sample paper boxes. C. L. Gilbert. 2,225,630; Dec. 24.
Scoring machine. C. E. Fidler and W. B. Morse. 2,193,864; Mar. 19.
Scoring method and tool. B. M. Wilson. 2,223,503; Dec. 3.
Scotch block. C. C. Bradbury. 2,223,025; Nov. 26.
Scotch for mine cars. C. H. Mead. 2,204,941; June 18.
Scrap separator and material piler. J. W. Sloan. 2,206,270; July 2.
Scraper. J. E. Dahl. 2,192,827; Mar. 5.
Scraper. H. C. French. 2,216,235; Oct. 1.
Scraper. H. C. French. 2,226,859; Dec. 31.
Scraper. E. T. Gove. Re. 21,626; Nov. 19.
Scraper. C. Le Bleu. 2,207,016; July 9.
Scraper. C. Le Bleu. 2,212,713; Aug. 27.
Scraper. C. Le Bleu. 2,223,829; Dec. 3.
Scraper. C. Le Bleu. 2,224,438; Dec. 10.
Scraper. G. T. Peterson. 2,202,264; May 28.
Scraper. C. H. Williams. 2,205,508; June 25.
Scraper attachment. A. R. Miller and A. R. Miller, Jr. 2,213,635; Sept. 3.
Scraper, Battery post. A. P. Stone. 2,204,516; June 11.
Scraper carrier. G. S. Allin. 2,214,240; Sept. 10.
Scraper, Carry type. E. B. Maloon. 2,198,916; Apr. 30.
Scraper, Carrying. A. G. Gurries. 2,219,478; Oct. 29.
Scraper device. I. A. Pollack. 2,226,179; Dec. 24.
Scraper, Drag type. J. L. Thomas. 2,218,564; Oct. 22.
Scraper, Dumping. A. G. Gurries. 2,203,615; June 4.
Scraper, Electric vibrating. R. Knable. 2,196,560; Apr. 9.
Scraper, Floor. H. Siemund. 2,193,571; Mar. 12.
Scraper, Hand. J. S. Anderson. 2,219,436; Oct. 29.
Scraper, Heavy duty. M. M. Brodersen. 2,220,472–3; Nov. 5.
Scraper, Heavy duty. M. M. Brodersen and L. O. Bird. 2,199,023; Apr. 30.
Scraper, Hog and fish. H. E. Bryan. 2,215,749; Sept. 24.
Scraper, Leveling. A. G. Gurries. 2,219,477; Oct. 29.
Scraper, Paint. R. G. Roesch and L. M. Carpenter. 2,212,197; Aug. 20.
Scraper, Paraffin B. J. Festervan and N. F. Henderson. 2,225,413; Dec. 17.
Scraper, Positive loading. S. S. Moore. 2,198,087; Apr. 23.
Scraper, Roll. D. Buccicone and C. M. Shank. 2,191,366; Feb. 20.
Scraper, Wagon. W. J. Adams. 2,190,969; Feb. 20.
Scraper, Wheel. A. O. Schuman. 2,189,253; Feb. 6.
Scrapers, Attaching cable for reversing drag. W. E. Hale. 2,206,840; July 2.
Scraping and cutting tool. F. B. Williams. 2,226,794; Dec. 31.
Scraping apparatus. J. H. Kerber. 2,190,452; Feb. 13.
Scraping device. H. C. Otis. 2,203,966; June 11.
Screed. I. Sverdahl. 2,197,278; Apr. 16.
Screed support. H. P. Neptune. 2,224,273; Dec. 10.
Screen: *See*—
Chronograph screen.
Electric screen.
Filter screen.
Fluid screen.
Fluorescent screen.
Grading screen.
Halftone screen.
Hammer screen.
Luminescent screen.
Mosaic screen.
Mud screen.
Multideck screen.
Picture projection screen.
Projection screen.
Pulp screen.
Reciprocating screen.
Rotary screen.
Shale screen.
Transparent projection screen.
Urinal screen.
Vibrating screen.
Vibratory screen.
Window screen.
Screen. K. R. Bixby. 2,208,448; July 16.
Screen. T. P. Etbauer. 2,210,806; Aug. 6.
Screen. W. B. Ewing. 2,194,222; Mar. 19.
Screen. O. C. Gruender. 2,225,909; Dec. 24.
Screen. C. V. Hallenbeck. 2,195,648; Apr. 2.
Screen. G. H. Strain. 2,192,668; Mar. 5.
Screen and gravel washing device and method. L. A. Layhe. 2,213,987; Sept. 10.
Screen and storm sash hanger. J. H. Meredith. 2,189,249; Feb. 6.
Screen and supporting means therefor, Flexible fireplace. J. B. Turner. 2,211,482; Aug. 13.
Screen and window, Combination. W. A. Collins. 2,225,332; Dec. 17.
Screen cloth and making the same. R. D. Heller. 2,220,106; Nov. 5.
Screen construction, Trommel. J. A. Traylor. 2,204,835; June 18.
Screen construction, Window. T. L. Atkinson. 2,207,213; July 9.
Screen for detention windows. L. F. Julien. 2,201,370; May 21.
Screen for electro-optical device and preparing it. B. A. Diggory and G. K. Teal. 2,217,334; Oct. 8.
Screen for hammer mills. F. Beverly. 2,225,095; Dec. 17.
Screen for mills, Louver plate. A. Meyer. 2,215,226; Sept. 17.
Screen for vehicle windows. A. Bernier. 2,223,477; Dec. 3.
Screen frame structure. W. J. Baker and H. Konen. 2,224,373; Dec. 10.
Screen grid tube. M. Harnisch. 2,225,047; Dec. 17.
Screen hook strip. A. J. Roubal. 2,217,920; Oct. 15.
Screen material for cathode ray tubes, Making fluorescent. H. Hinderer. 2,218,750; Oct. 22.
Screen mounting. E. H. Niemeyer. 2,197,435; Apr. 16.
Screen negatives, Production of. A. C. and H. E. Hansch. 2,204,080; June 11.
Screen or the like. D. Dennett. 2,210,652; Aug. 6.
Screen packer. C. W. Thornhill. 2,192,336; Mar. 5.
Screen printing apparatus. R. F. Foard. 2,206,176; July 2.
Screen printing apparatus, Silk. H. J. Hickes. 2,217,366; Oct. 8.
Screen remover. L. R. Jennings. 2,220,959; Nov. 12.
Screen retaining latch. A. Lang. 2,204,761; June 18.
Screen stretching structure. G. A., G., and C. Overstrom. 2,199,596; May 7.
Screen structure, Vibrating. G. A. Overstrom. 2,204,379; June 11.
Screen to a metal frame, Brazing or soldering a wire. H. A. Swem. 2,199,212; Apr. 30.
Screen wire stretching device. F. B. Floyd. 2,216,880; Oct. 8.
Screening and purifying machine. D. M. Shaler. 2,217,710; Oct. 15.
Screening apparatus. J. Baxter, Jr. 2,222,760; Nov. 26.
Screening apparatus. H. E. Brown and S. Grant. 2,211,000; Aug. 13.
Screening apparatus. C. V. Hallenbeck. 2,208,127; July 16.
Screening apparatus. W. F. Piper. 2,194,721; Mar. 26.
Screening apparatus and the like. W. J. Parks. 2,212,550; Aug. 27.
Screening device. A. J. Mosley. 2,219,453; Oct. 29.
Screening high frequency devices. H. Johannson. 2,208,370; July 16.
Screening mechanism. C. J. Lindequist. 2,215,818; Sept. 24.
Screens, Electrolytic method of making. W. Beebe. 2,225,734; Dec. 24.
Screens, Electrolytic production of metal. W. Beebe. 2,225,733; Dec. 24.
Screens, Finishing motion picture. J. J. Teodonno. 2,212,576; Aug. 27.
Screens for use in connection with oil wells, Making. E. E. Johnson. 2,185,999; Jan. 9.
Screens, Forming. W. van de Pol. 2,221,502; Nov. 12.
Screens, Forming color. V. B. Sease. 2,206,054; July 2.
Screens, Manufacture of luminescent. H. G. Jenkins and A. H. McKeag. 2,219,900; Oct. 29.
Screens, Manufacture of translucent. B. M. Bodde. 2,202,370; May 28.
Screens, Producing well. G. A. Zeidler, Jr. 2,217,327; Oct. 8.
Screw. W. A. De Vellier. 2,193,477; Mar. 12.
Screw. J. F. Fieg. 2,206,085; July 2.
Screw. M. A. and G. E. West. 2,216,381–2; Oct. 1.
Screw adjusting mechanism. F. Meinhardt. 2,203,303; June 4.
Screw and making the same, Lock washer. H. Mitchell. 2,192,322; Mar. 5.
Screw and nut mechanism for steering gears. N. Trbojevich. 2,214,493; Sept. 10.
Screw and producing same, Socketed cap. H. F. Gade. 2,213,630; Sept. 3.
Screw blanks or the like, Method and apparatus for heading. J. J. Tomalis. 2,202,324; May 28.
Screw, bolt, nut, or the like, Self-locking. C. W. Gustafson. 2,226,491; Dec. 24.
Screw conveyer. W. M. Schweickart and F. G. Julyan. 2,224,991; Dec. 17.
Screw driver. S. J. Cox. 2,185,910; Jan. 2.
Screw driver. L. L. Greterman. 2,205,167; June 18.
Screw driver. G. L. Rock. 2,188,158; Jan. 23.

Screw driver. M. A. and G. E. West. 2,218,631; Oct. 22.
Screw driver and the like, Pocket. G. R. Beeg. 2,196,849; Apr. 9.
Screw driver attachment. J. N. Petre. 2,206,364; July 2.
Screw driving device. B. A. McKean. 2,216,557; Oct. 1.
Screw driving machine. L. J. Lyon. 2,219,484; Oct. 29.
Screw feed mechanism. F. Mulka. 2,215,107; Sept. 17.
Screw, Gill. R. C. Berker. 2,208,318; July 16.
Screw holder, Adjustable wire. L. Stifter and E. Swedman. 2,195,525; Apr. 2.
Screw machines, Feeding work in automatic. L. R. Evans. 2,221,734; Nov. 12.
Screw mechanism. R. M. Nardone. 2,197,155; Apr. 16.
Screw or bolt driving and nut running machine, Portable power driven. G. C. Wilhide. 2,225,091; Dec. 17.
Screw propeller. O. Brockhaus. 2,215,207; Sept. 17.
Screw propeller, Adjustable. C. Gausmann. 2,202,813; June 4.
Screw pump. A. R. Thompson. 2,220,588; Nov. 5.
Screw, Self-locking. R. T. Hosking. 2,217,951; Oct. 15.
Screw, Self-locking adjusting. C. W. Shaw. 2,202,928; June 4.
Screw, Self-locking valve tappet. C. W. Shaw. 2,191,944; Feb. 27.
Screw spindle relieving device. F. Turrettini. 2,201,934; May 21.
Screw threaded elements, Making self-locking. A. Stoll. 2,224,659; Dec. 10.
Screw through setting tool, Bottom connection. H. C. Block and L. A. Layne. 2,197,403; Apr. 16.
Screw turning machine. F. L. Brandt. 2,214,040; Sept. 10.
Screwing device for screw-stoppered vessels. H. Sickel. 2,202,302; May 28.
Scriber. E. E. Doane. 2,197,073; Apr. 16.
Scroll shear die. W. R. Hull. 2,213,220; Sept. 3.
Scrooping process. H. H. Mosher and B. Uzunoff. 2,190,331; Feb. 13.
Scrubber. J. A. Morgan. 2,197,189; Apr. 16.
Scrubbing device. M. Carvalho. 2,191,642; Feb. 27.
Scrubbing device. A. S. Juelson. 2,200,026; May 7.
Scrubbing device. A. Lo Cascio. 2,222,909; Nov. 26.
Scrubbing machine. G. Linke and A. Voegel. 2,222,776; Nov. 26.
Scuff plate. C. B. Doty. 2,208,723; July 23.
Scuff plate. J. F. Duffy. 2,218,814; Oct. 22.
Scuff plate, Rubber. T. W. Foote. 2,193,719; Mar. 12.
Scupper plug. E. A. Brooks. 2,204,400; June 11.
Seal: *See*—
Jar cap seal.
Seal. E. J. G. Beeson. 2,219,438; Oct. 29.
Seal. D. A. Boyd. 2,202,944; June 4.
Seal. L. A. Buell. 2,200,149; May 7.
Seal. L. A. Buell. 2,212,434; Aug. 20.
Seal. J. H. Kohler. 2,220,965; Nov. 12.
Seal. G. M. Kriegbaum. 2,211,899; Aug. 20.
Seal. S. C. Leonard, Jr. 2,203,163–4; June 4.
Seal. J. C. Olsen. Re. 21,475; June 4.
Seal. G. A. Wahlmark. 2,216,218; Oct. 1.
Seal and bearing, Combination fluid. R. Stevenson. 2,189,686; Feb. 6.
Seal and gasket, Split oil. R. S. Rainey and T. O. Kosatka. 2,209,578; July 30.
Seal and making same, Tamperproof. A. Abrams, G. W. Forcey, and C. A. Sheldon. 2,223,017; Nov. 26.
Seal assembly, Floating. M. E. Salisbury. 2,186,537; Jan. 9.
Seal assembly, Fluid. H. D. Geyer. 2,227,304; Dec. 31.
Seal, Automatic ball float tank. E. P. Shaft. 2,211,296; Aug. 13.
Seal bearing. W. C. Betz. 2,197,748; Apr. 16.
Seal, Bearing. C. R. Buchet. 2,215,686; Sept. 24.
Seal, Bearing. W. T. Murden. 2,208,700; July 23.
Seal, bearing. J. H. E. Thorén. 2,223,748; Dec. 3.
Seal bearing, Cushion. W. Ewald. 2,196,388; Apr. 9.
Seal, Brake actuator. C. Sauzedde. 2,219,566; Oct. 29.
Seal, Car. D. W. Ashton. 2,208,717; July 23.
Seal, Carbon ring. J. J. Brown. 2,222,360; Nov. 19.
Seal, Chuck slot. D. H. Montgomery. 2,211,344; Aug. 13.
Seal, Closure. C. A. Mayer. 2,194,763; Mar. 26.
Seal construction. O. M. Burkhardt. 2,200,151; May 7.
Seal construction, Fluid. L. D. Goff. 2,222,612; Nov. 26.
Seal, Double wipe fluid. T. O. Kosatka and J. A. Antonelli. 2,185,790; Jan. 2.
Seal, External oil. T. O. Kosatka. 2,210,723; Aug. 6.
Seal, Floor board. C. Saurer. 2,196,083; Apr. 2.
Seal, Fluid. F. H. Hately. 2,227,408; Dec. 31.
Seal, Fluid. L. A. Johnson. 2,202,206; May 28.
Seal, Fluid. L. A. Johnson and A. D. Owen. 2,200,925; May 14.
Seal, Fluid. A. D. Owen. 2,195,708; Apr. 2.
Seal, Fluid. R. Stevenson. 2,189,685; Feb. 6.
Seal for batteries, Terminal post. R. M. Raney and F. Altmayer. 2,186,149; Jan. 9.
Seal for bottles and the like, Safety. F. Cazenave. 2,226,805; Dec. 31.
Seal for containers. J. E. Roach. 2,193,521; Mar. 12.
Seal for discharge devices, Making a. R. F. Hayes, Jr. 2,215,644; Sept. 24.
Seal for enclosed bearings. E. C. Brodin. Re. 21,584; Oct. 1.
Seal for enclosed bearings. E. C. Brodin. 2,202,769–70; May 28.
Seal for evacuated devices. W. J. Hitchcock. 2,188,298; Jan. 30.
Seal for evacuated vessels and forming the same. B. E. Cohn. 2,202,337; May 28.
Seal for filter bed cleaners. W. C. Laughlin. 2,207,988; July 16.
Seal for floating roofs, Resilient. C. H. Haupt and E. W. Hall. 2,190,476; Feb. 13.
Seal for lead-in conductors. H. L. Thorson. 2,220,741; Nov. 5.
Seal for meter cabinets. J. B. Cooper. 2,220,477; Nov. 5.
Seal for overlapping metal bands. I. W. Girvan. 2,199,198; Apr. 30.
Seal for rotary pump bearings. W. W. Williams. 2,215,629; Sept. 24.
Seal for rotary valves in internal combustion engines. A. Baer. 2,217,853; Oct. 15.
Seal for rotating shafts. G. P. Gilman. 2,192,305; Mar. 5.
Seal for rotating shafts. H. Jensen. 2,209,085; July 23.
Seal for sand filter cleaning mechanism. C. E. Fraser. 2,204,534; June 11.
Seal for shafts. J. T. Janette. 2,185,554; Jan. 2.
Seal for water pumps. W. C. Casson. 2,214,243; Sept. 10.
Seal for windows and doors, Pressure. H. Lorenz. 2,187,459; Jan. 16.
Seal, Gas or liquid. W. H. Wright. 2,212,138; Aug. 20.
Seal, Glass-metal. H. Scott. 2,217,422; Oct. 8.
Seal, Glass-metal. E. Waldschmidt. 2,190,302; Feb. 13.
Seal, Glass-to-metal. F. H. A. Brandt. 2,192,892; Mar. 12.
Seal, Glass-to-metal. W. J. Geiger and W. Davidson. 2,221,868; Nov. 19.
Seal, Glass-to-metal. L. Navias. 2,193,640; Mar. 12.
Seal, Glass-to-metal. H. Scott. 2,217,423; Oct. 8.
Seal, Glass-to-metal. H. L. Thorson. 2,220,742; Nov. 5.
Seal, Grease. W. E. Freeman and C. C. Henderson. 2,195,774; Apr. 2.
Seal, Grommet. R. E. Tetens. 2,186,277; Jan. 9.
Seal, Hand closed interlocking safety. M. Canter. 2,204,662; June 18.
Seal, Heat exchanger baffle. J. A. Coy. 2,200,787; May 14.
Seal indicator for pumps. D. G. Miller. 2,209,466; July 30.
Seal, Journal box. D. S. Barrows. 2,193,326; Mar. 12.
Seal, Journal box. M. Keys. 2,188,541; Jan. 30.
Seal, Laterally expanded oil. J. H. Victor and W. F. Bernstein. 2,210,823; Aug. 6.
Seal, Liquid. J. M. Hait. 2,193,903; Mar. 19.
Seal, Manufacture of non-reusable bottle. W. H. Swenarton. 2,206,063; July 2.
Seal, Metal to glass. L. Goodale. 2,198,769; Apr. 30.
Seal, Oil. W. J. Chievitz. 218,854–5; Jan. 30.
Seal, Oil. W. J. Chievitz. 218,857–8; Jan. 30.
Seal, Oil. L. H. Stein. 2,225,758; Dec. 24.
Seal, Piston. C. Sauzedde. 2,200,305; May 14.
Seal, Piston. G. Westefeldt. 2,226,273; Dec. 24.
Seal press. F. H. Eyman. 2,187,773; Jan. 23.
Seal press. M. H. and W. Jackson. 2,202,255; May 28.
Seal, Rotary shaft. R. W. Christman and W. J. McCortney. 2,200,413; May 14.
Seal, Rubber door trim bottom and wind. G. R. Cunnington. 2,208,630; July 23.
Seal, Safety brake. C. M. Mikkelson. 2,198,944; Apr. 30.
Seal, Shackle. W. M. Brooks. 2,205,841; June 25.
Seal, Shaft. A. D. Ames. 2,192,426; Mar. 5.
Seal, Shaft. F. T. Grothouse. 2,188,784; Jan. 30.
Seal, Shaft. F. Shenton. 2,199,761; May 7.
Seal, Soot blower. R. H. Wager. 2,185,450; Jan. 2.
Seal, Tag bearing. M. Rubinoff. 2,186,768; Jan. 9.
Seal, Tagging. E. Dietze. 2,189,026; Feb. 6.
Seal, Valve. T. G. Hare. 2,204,355; June 11.
Seal, Watch crown. G. E. Mack. 2,188,688; Jan. 30.
Seal with gripped fabric faced packing, Fluid. W. A. Heinze and W. F. Bernstein. 2,212,291; Aug. 20.
Seal with outside spring, Oil. J. M. Schmied. 2,224,449; Dec. 10.
Seal with spongy packing, Fluid. J. H. Victor. 2,209,750; July 30.
Sealed bearing. N. M. Okun. 2,221,554; Nov. 12.
Sealed lubricated joint. G. H. Hufferd and M. P. Graham. 2,211,817; Aug. 20.
Sealed receptacle. E. H. Fabrice. 2,186,589; Jan. 9.
Sealing composition. C. A. Benoit. 2,217,723; Oct. 15.
Sealing device. J. A. Cerny. 2,189,197; Feb. 6.
Sealing device. C. Corizzo. 2,202,338; May 28.
Sealing device. F. A. Jimerson. 2,185,812; Jan. 2.
Sealing device. A. L. McHugh. 2,220,771; Nov. 5.
Sealing device. A. L. McHugh. 2,222,779; Nov. 26.
Sealing device. R. H. Reed. 2,195,496; Apr. 2.
Sealing device. A. G. Roth. 2,214,261; Sept. 10.
Sealing device. R. D. Shaw. 2,206,707; July 2.
Sealing device. L. F. Whitney. 2,188,990; Feb. 6.
Sealing device, Continuous pressure. C. K. Huthsing. 2,217,117; Oct. 8.
Sealing device, Fluid. L. Blackmore and H. D. Seelinger. 2,207,371; July 9.
Sealing device for rotating shafts. F. R. Erbach. 2,220,814; Nov. 5.

Sealing device, Head hood. M. Ehrlich. 2,214,017; Sept. 10.
Sealing for paperboard containers. D. Bensel. 2,196,243; Apr. 9.
Sealing head, High-pressure. R. A. Bowman. 2,196,895; Apr. 9.
Sealing-in machine. J. F. Donovan and F. J. Malloy. 2,185,704; Jan. 2.
Sealing-in machine. F. J. Malloy. 2,203,917; June 11.
Sealing machine. E. E. Hogg. 2,204,594; June 18.
Sealing machine. A. Podel. 2,193,113; Mar. 12.
Sealing means. F. E. Rice. 2,207,159; July 9.
Sealing means for gas filled cables, Temporary. E. L. Crandall. 2,217,104; Oct. 8.
Sealing means for high pressure heads. J. P. Rathbun. 2,203,364; June 4.
Sealing means for indicating instrument casings. L. V. Bjong. 2,215,537; Sept. 24.
Sealing means for indicating instrument casings. R. G. Schaaf, Jr. 2,215,566; Sept. 24.
Sealing means for indicating instrument casings. R. C. Sylvander. 2,215,570; Sept. 24.
Sealing means for liquids. C. P. Teeple. 2,221,496; Nov. 12.
Sealing means for relatively rotatable parts, Double acting. W. V. and W. Czarnecki. 2,201,478; May 21.
Sealing means for rotary shaft openings. C. B. Dalzell and R. K. Miner. 2,190,443; Feb. 13.
Sealing means for shafts. S. F. Dupree, Jr. 2,203,525; June 4.
Sealing means for shafts. A. Kingsbury. 2,187,084; Jan. 16.
Sealing mechanism for slidable doors. D. C. E. Leonard. 2,199,160; Apr. 30.
Sealing mechanism for slidable doors. D. C. E. Leonard. 2,199,182; Apr. 30.
Sealing mechanism for wrapping machines. T. Jensen. 2,189,069; Feb. 6.
Sealing openings in the earth. A. C. Hamilton, Jr. 2,210,545; Aug. 6.
Sealing ring. N. Heyman. 2,185,811; Jan. 2.
Sealing ring. J. A. Martin. 2,204,507; June 11.
Sealing ring for containers. R. S. Rosenbloom. 2,218,858; Oct. 22.
Sealing structure for the openings of metal containers. L. B. Wackman. 2,190,495; Feb. 13.
Sealing tool. A. E. Adamson. 2,216,579; Oct. 1.
Seals, Method and apparatus for forming mud. H. L. Rymal. 2,193,144; Mar. 12.
Seam for alloy lined vessels. J. J. Chyle. 2,198,331; Apr. 23.
Seam for woven wire fabric and making the same. F. Crossman and E. A. Southam. 2,219,588; Oct. 29.
Seam pressing machine. A. C. Smith. 2,207,030; July 9.
Seam soldering machine for radiator headers. M. G. Boerger. 2,189,540; Feb. 6.
Seam welder, Portable. C. de Ganahl. 2,227,249; Dec. 31.
Seam welding for high speed welding, Electronic. J. W. Dawson. 2,200,077–8; May 7.
Seaming and pinking machine, Combined. H. C. Moulton. 2,194,148; Mar. 19.
Seaming machine. J. Peyser. 2,193,981; Mar. 19.
Seaming machine, Vacuum double. H. L. Guenther. 2,211,112; Aug. 13.
Seaming machinery. I. Newman. 2,192,502; Mar. 5.
Seamless fishing rod. R. H. Cowdery and J K. Kinnear. 2,196,742; Apr. 9.
Seams in dandy rolls and apparatus therefor, Producing. P. S. Sinclair. 2,193,888; Mar. 19.
Seams on preserve tins and the like, Forming rolled. H. Zeigmeister. 2,188,291; Jan. 23.
Searchlight. J. C. Savage. 2,194,836; Mar. 26.
Searchlight. H. L. Thomas. 2,208,613; July 23.

Seat: *See*—
Adjustable seat.
Aircraft pilot's seat.
Auto seat.
Closet seat.
Control seat.
Convertible seat.
Cushioned seat.
Foldable seat.
Furniture seat.
Noncorrosive insert seat.
Pneumatic seat.
Portable foldable seat.
Reel seat.
Revolving car seat.
Spring seat.
Swing seat.
Toilet seat.
Valve seat.
Vehicle seat.
Vertically adjustable and foldable seat.
Water closet seat.
Window seat.

Seat. C. L. Davis. 2,188,997; Feb. 6.
Seat adjuster. S. Miller. 2,225,074; Dec. 17.
Seat adjusting means. A. L. Johnson. 2,204,894; June 18.
Seat and bed for infants, Combined. J. O. Sadler. 2,208,392; July 16.
Seat and cane, Combined folding. A. F. Lauckner. 2,192,475; Mar. 5.
Seat and cover, Toilet. F. J. Moore. 2,202,668; May 28.
Seat and cover, Water closet. H. C. Leslie. 2,212,295; Aug. 20.
Seat and the like, Toilet. A. F. Horr. 2,219,044; Oct. 22.
Seat back structure, Upholstered. H. C. La More. 2,186,301; Jan. 9.
Seat back, Vehicle. J. R. Cravath. 2,198,332; Apr. 23.
Seat chair, Rearwardly inclined. A. J. Jungerman. 2,192,577; Mar. 5.
Seat construction. C. L. Haslup. 2,194,120; Mar. 19.
Seat construction. C. H. Widman. 2,199,382; May 7.
Seat construction, Revolvable car. F. E. Van Hoesen. 2,201,839; May 21.
Seat construction, Spring. W. D. Schield. 2,195,759; Apr. 2.
Seat cover. R. A. and J. F. Cramer. 2,191,848; Feb. 27.
Seat cover. R. A. and J. F. Cramer. 2,192,070; Feb. 27.
Seat cover. F. Peebles. 2,202,065; May 28.
Seat cover, Reversible automobile. C. T. Falk. 2,227,180; Dec. 31.
Seat, footboard, and stringer structure. P. W. Hussey. 2,186,866; Jan. 9.
Seat for tank discharge valves, Renew. P. L. Ciaccio and H. R. Crane. 2,190,147; Feb. 13.
Seat on diaphragm-operated relief valve, Replaceable. J. M. Wilkins. 2,213,790; Sept. 3.
Seat or table, Multipurpose. D. Clarke. 2,191,752; Feb. 27.
Seat pivot. R. K. Merrill. 2,215,127; Sept. 17.
Seat post assembly. S. A. Snell. 2,198,394; Apr. 23.
Seat recoil check. E. N. Yantes. 2,201,280; May 21.
Seat slide construction. M. J. Gieleghem. 2,226,374; Dec. 24.
Seat slide structure. B. A. Woina. 2,195,349; Mar. 26.
Seat structure, Adjustable. L. S. Whedon. 2,210,863; Aug. 6.
Seat track and riser. R. C. Jacobs. 2,185,301; Jan. 2.
Seating tool. A. J. Penick. 2,187,840; Jan. 23.
Seats, Folding bleacher. P. E. Horn. 2,205,624; June 25.
Seats, Making toilet. H. W. Romanoff. 2,221,006; Nov. 12.
Secondary emitting tube. H-W. Langenwalter and E. Ruska. 2,225,786; Dec. 24.
Secretary, Telephone. G. W. Hunter. 2,216,195; Oct. 1.
Section clamp. H. M. Petzold. 2,194,367; Mar. 19.
Section switch. A. H. Genter. 2,187,310; Jan. 16.
Sectional article molds. W. C. Smith. 2,217,140; Oct. 8.
Sectional cabinet. E. Bergman. 2,203,716; June 11.
Sector photometer. O. W. Pineo. 2,211,628; Aug. 13.
Securing device. G. T. Jacocks. 2,202,493; May 28.
Securing device for concrete forms. C. I. Williams. 2,190,748; Feb. 20.
Securing means for beef wrappers, Auxiliary. S. Bohte. 2,185,583; Jan. 2.
Sediment plate. C. K. Woodin. 2,218,276; Oct. 15.
Sediment remover. E. G. Ware. 2,192,115; Feb. 27.
Sediment tester. J. A. Erekson. 2,225,984; Dec. 24.
Sedimentation. G. E. Hubbell. C. H. Scott, and G. M. Darby. 2,205,199; June 18.
Sedimentation apparatus. H. Hardinge. 2,226,974; Dec. 31.
Sedimentation process and apparatus. J. V. N. Dorr, W. C. Weber, G. M. Darby, and E. J. Roberts. 2,185,785; Jan. 2.
Seed and transplanting flat, Subirrigating. S. Ellis. 2,223,360; Dec. 3.
Seed carrier, Producing a. V. Hartley. 2,196,917; Apr. 9.
Seed cleaner. H. W. Whitlock. 2,204,032; June 11.
Seed distributor, Lawn. G. Schmitt. 2,221,113; Nov. 12.
Seed treating machine. O. L. Kettenbach. 2,185,408; Jan. 2.
Seeder. G. S. Bracchiglione. 2,196,289; Apr. 9.
Seeder attachment for disc harrows. W. R. Pyron. 2,199,755; May 7.
Seesaw. E. J. Guerrier. 2,201,036; May 14.
Segmental pulp wheel. G. B. Rickard and H. P. Kirchner. 2,219,398; Oct. 29.
Segregation system, Direct. A. A. Rembold. 2,198,127; Apr. 23.
Seine. F. F. Kors. 2,203,827; June 11.
Seismic method of logging boreholes. L. F. Athy and H. R. Prescott. 2,207,281; July 9.
Seismic prospecting. W. G. Green. 2,203,140; June 4.
Seismic recording, Frequency multiplication system of. J. P. Minton. 2,193,769; Mar. 12.
Seismic surveying. F. M. Floyd. 2,207,398; July 9.
Seismic surveying. A. I. Innes. 2,192,972–3; Mar. 12.
Seismic surveying. J. E. Owen. 2,215,297; Sept. 17.
Seismic surveying. J. E. Owen. 2,216,452; Oct. 1.
Seismic surveying, Method and apparatus for. L. F. Athy and E. V. McCollum. 2,219,508; Oct. 29.
Seismograph blasting cap. J. P. Minton. 2,189,741; Feb. 6.
Seismograph, Electric. J. P. Minton. 2,209,100; July 23.
Seismograph prospecting. G. Muffly. 2,217,806; Oct. 15.
Seismograph prospecting apparatus. R. D. Wyckoff. 2,217,828; Oct. 15.
Selecting and printing apparatus. E. E. Kleinschmidt. 2,192,351; Mar. 5.
Selecting and shifting mechanism for transmission gearing. C. D. Peterson. 2,220,543; Nov. 5.
Selecting mechanism. J. C. K. Swan and H. B. Roy. 2,192,779; Mar. 5.
Selective dispenser. R. B. Page. 2,226,908; Dec. 31.
Selective switch. E. G. Henry. 2,222,564; Nov. 19.
Selective switch. C. N. Hickman. 2,185,374; Jan. 2.
Selective system and printing telegraph apparatus. E. E. Kleinschmidt. 2,192,350; Mar. 5.
Selective timer switch. M. J. Madison. 2,224,792; Dec. 10.

Selectivity and fidelity control. W. Lyons. 2,208,382; July 16.
Selectivity control. R. C. Corderman. 2,212,391; Aug. 20.
Selector action for multiple key devices. G. W. Carlson and D. Peterson. 2,220,075; Nov. 5.
Selector control mechanism. H. J. Kaye. 2,216,272; Oct. 1.
Selector mechanism. B. Radtke. 2,192,621; Mar. 5.
Selector mechanism for knitting machines, Yarn carrier. P. Krenkel. 2,202,528; May 28.
Selector multiples. D. L. Lienzen. 2,226,666; Dec. 31.
Selector of uniform band width, Tunable. H. A. Wheeler. 2,196,881; Apr. 9.
Selector, time control, and distributor, Combined. R. D. Groch. 2,217,901; Oct. 15.
Selenium plating of steel. V. T. Malcolm. 2,202,532; May 28.
Selenium rectifier having an insulating layer. F. Brunke. 2,215,999; Sept. 24.
Selenium rectifiers, Manufacturing. E. Siebert. 2,221,614; Nov. 12.
Selenium surfaces, Manufacture of. W. A. Johnson and H. C. Turner. 2,199,104; Apr. 30.
Self-acting brake. O. G. Prince. 2,196,427; Apr. 9.
Self-acting regulator. W. M. Young. 2,192,659; Mar. 5.
Self-adjusting wrench. L. C. Mead. 2,223,306; Nov. 26.
Self-aligning bearing. J. F. McWhorter and M. W. Humphreys. 2,223,872; Dec. 3.
Self-aligning bearing. E. E. Prentice. 2,189,117; Feb. 6.
Self-carrying cable. E. C. Bylander. 2,220,393; Nov. 5.
Self-cleaning textile motor. J. L. Brown. 2,202,622; May 28.
Self-closing cap. E. A. Wekerle. 2,194,039; Mar. 19.
Self-closing gate. G. R. Swenson. 2,200,727; May 14.
Self-energizing brake. C. Burns. 2,207,431; July 9.
Self-fastening line reel. T. B. Ragsdale. 2,222,802; Nov. 26.
Self-impregnating pad. E. G. Gerber and C. Wiesendanger, Jr. 2,209,914; July 30.
Self-locking container. M. M. Richardson. 2,206,049; July 2.
Self-locking hanger. B. H. Sadler. 2,193,699; Mar. 12.
Self-locking hook. H. D. Dee. 2,197,997; Apr. 23.
Self-locking plug. A. L. Kuhlman. 2,210,625; Aug. 6.
Self-lubricating bearing. E. B. Merriman. 2,187,626; Jan. 16.
Self-luminous locator. R. G. Fordyce. 2,221,375; Nov. 12.
Self-propelled pusher car. A. M. Holcomb. 2,199,460; May 7.
Self-serve and check by key lock. H. Grainger. 2,220,786; Nov. 5.
Selvage iron attachment. L. Mees and R. C. Parkes. 2,221,987; Nov. 19.
Selvage, Multiple strand. W. E. Buchanan. 2,207,609; July 9.
Semiautomatic clutch. R. D. Bateman. 2,195,354; Mar. 26.
Semitrailer. T. Weber. 2,223,650; Dec. 3.
Sending and receiving circuit. E. B. Dallin. 2,201,943; May 21.
Sensing device. G. Lowkrantz. 2,220,489; Nov. 5.
Separable fastener. G. H. C. Corner. 2,201,122; May 14.
Separable fastener. S. Quisling. 2,221,411; Nov. 12.
Separable interlocking fastener. G. H. C. Corner. 2,189,727; Feb. 6.
Separable slide fastener. L. H. Morin and D. Marinsky. 2,193,833; Mar. 19.
Separating and cleaning mechanism for threshing machines. F. J. Wood. 2,212,092; Aug. 20.
Separating and feeding mechanism for envelopes. E. E. Gray. 2,200,842; May 14.
Separating machine. D. J. Courtney. 2,208,788; July 23.
Separating or classifying apparatus. W. A. Cotton, Jr., and J. W. Widdifield. 2,202,189; May 28.
Separating process and apparatus. J. W. Reed. 2,210,818; Aug. 6.
Separating tank. R. W. Self. 2,211,171; Aug. 13.
Separation apparatus. E. Fissmann. 2,186,167; Jan. 9.
Separation process. K. C. D. Hickman and J. G. Baxter. 2,221,692; Nov. 12.
Separator: *See*—

Adjustable separator.
Air and other separator.
Air or current separator.
Air or other current separator.
Air separator.
Automatic separator.
Ash separator.
Bed pillow separator.
Centrifugal separator.
Coin separator.
Cream separator.
Cyclone dust separator.
Cyclone separator.
Egg separator.
Electric frequency separator.
Electrostatic separator.
Fluid separator.
Gas and liquid separator.
Gas and oil separator.
Grain separator.
Magnetic separator.
Material separator.
Oil-air separator.
Oil and gas separator.
Oil and water separator.
Oil separator.
Ore separator.
Pneumatic separator.
Potato and stone separator.
Shale separator.
Sheet separator.
Skull separator.
Steam and gas separator.
Steam separator.
Water separator.

Separator. C. Arndt. 2,201,282; May 21.
Separator. G. Darrieus. 2,187,646; Jan. 16.
Separator. G. A. De Guire. 2,191,190; Feb. 20.
Separator. J. Fletcher. 2,194,698; Mar. 26.
Separator. F. Y. Hutchison. 2,201,137; May 21.
Separator. H. Kuck. 2,211,274; Aug. 13.
Separator. O. G. Lauer. 2,213,881; Sept. 3.
Separator. J. Loumiet et Lavigne. 2,193,460; Mar. 12.
Separator and clarifier, Continuous centrifugal. A. F. Howe. 2,218,532; Oct. 22.
Separator and drier for the treatment of cotton, Combined. G. T. Sims. 2,214,680; Sept. 10.
Separator and extractor. L. H. Scurlock. 2,212,328; Aug. 20.
Separator apparatus. C. B. Schneible. 2,212,304; Aug. 20.
Separator for refrigeration systems, Oil. G. W. and J. A. Smith. 2,190,138; Feb. 13.
Separator for storage batteries. E. Longaker. 2,197,367; Apr. 16.
Separator for storage batteries. V. L. Smithers. 2,198,845; Apr. 30.
Separator means for filing systems. A. Volk. 2,226,791; Dec. 31.
Separator or save-all, Liquid. D. A. Smelser. 2,191,122; Feb. 20.
Separator plate and making same. C. H. Rasch. 2,195,134; Mar. 26.
Separators for prevention of foam creation, Arrangement in. J. G. Degerth. 2,186,822; Jan. 9.
Separators, Settling. J. B. Devenish. 2,210,362; Aug. 6.
Septic tank. D. H. Buckley. 2,213,458; Sept. 3.
Sequential controller. R. E. Bassett, Jr. 2,199,775; May 7.
Serial number mechanism. K. Aurbach. 2,214,895; Sept. 17.
Series automatic machine for the printing industry. P. Nickelsberg. 2,200,365; May 14.
Series lamp. A. Sittel. 2,209,005; July 23.
Serological drop reaction means. D. E. Stover. 2,190,808; Feb. 20.
Server, Rotatable. J. D. Rodolfa. 2,198,091; Apr. 23.
Service control equipment. R. A. Millermaster and A. A. Writzmann. 2,197,054; Apr. 16.
Service unit for air cleaners. J. M. Born. 2,208,244; July 16.
Serving stand. E. Vunovich. 2,193,384; Mar. 12.
Servomotor apparatus. F. L. Shelor. 2,208,282; July 16.
Servomotor control. C. R. Hanna. 2,208,421; July 16.
Servomotor control system for airplanes. W. Voigt. 2,222,886; Nov. 26.
Servomotor for aircraft. J. Thiry. 2,219,967; Oct. 29.
Servomotor mounting. G. Wünsch. 2,194,374; Mar. 19.
Servomotor system for aircraft. B. G. Carlson. 2,227,375; Dec. 31.
Servomotors, Controlling. H. Langgässer. 2,221,144; Nov. 12.
Servo system for automatic pilots, Reactive. T. W. Kenyon and S. J. Zand. 2,210,917; Aug. 13.
Setscrew, Self-locking. H. T. Hallowell. 2,201,087; May 14.
Setting device for shutters and diaphragms of photographic apparatus, Automatic. P. Frost. 2,226,602; Dec. 31.
Setting frame. C. C. Blom. 2,207,607; July 9.
Setting mechanism. F. S. Denison. 2,193,790; Mar. 19.
Setting mechanism for clocks. R. H. Whitehead and J. F. Langbein. 2,199,017; Apr. 30.
Setting mechanism for energy dispensing devices, Coin-controlled. R. Pudelko and J. Mettler. 2,215,191; Sept. 17.
Setting-out board. W. C. Johnson. 2,187,157; Jan. 16.
Setting tool. P. F. Matlock. 2,197,344; Apr. 16.
7-dehydro-steroid compounds, Producing. H. R. Rosenberg. 2,209,934; July 30.
17-cis-alcohols of the cyclopentano-polyhydrophenanthrene series into the corresponding 17-trans-alcohols, Conversion of. W. Logemann and H. Koester. 2,225,419; Dec. 17.
Severing mechanism. F. L. O. Wadsworth. 2,205,868; June 25.
Severing mechanism for photographic copying machines. P. Landrock and A. W. Caps. 2,191,213; Feb. 20.
Sewage digestion. F. A. Downes. 2,195,408; Apr. 2.
Sewage disposal. C. H. Nordell. 2,225,437; Dec. 17.
Sewage disposal and utilization, Method and apparatus for. F. H. Emery. 2,222,310; Nov. 19.
Sewage distributor, Liquid. F. M. Veatch. 2,207,136; July 9.
Sewage liquor, Settling and filtering. E. B. Mallory. 2,227,099; Dec. 31.
Sewage, Method and apparatus for filtering. P. M. Thayer. Re. 21,652; Dec. 3.
Sewage, Method and apparatus for the treatment of. C. G. Hawley. 2,211,565; Aug. 13.
Sewage, Method and apparatus for treating. W. N. Bispham and J. C. Bell. 2,220,859; Nov. 5.
Sewage over a filter bed, Apparatus for distributing. J. F. Bolton. 2,189,513; Feb. 6.
Sewage, Process of and apparatus for treating. G. F. Dodge and G. A. Overstrom. 2,221,444; Nov. 12.
Sewage purification apparatus. E. B. Mallory. 2,223,258; Nov. 26.
Sewage sludge and the like, Apparatus for and method of treating. P. B. Streander. 2,188,847; Jan. 30.

Sewage sludge, Digestion of. A. J. Fischer. 2,190,598; Feb. 13.
Sewage, Treating. J. G. Bevan. 2,202,135; May 28.
Sewage, Treating. C. Potts and C. G. Wigley. 2,206,851; July 2.
Sewage treating apparatus. E. B. Mallory. 2,223,257; Nov. 26.
Sewage treatment. H. B. Schulhoff. 2,188,162; Jan. 23.
Sewage treatment. M. T. Singleton. 2,196,840; Apr. 9.
Sewage waste, Method of and apparatus for disposing of. W. A. Dundas and P. Harrington. 2,213,667–8; Sept. 3.
Sewer cleaner. A. E. Kelpsh. 2,198,823; Apr. 30.
Sewer cleaning device. F. J. Kerber. 2,223,005; Nov. 26.
Sewing attachment, Button. V. J. Muszynski. 2,187,137; Jan. 16.
Sewing cabinet. W. S. Bruno. 2,226,693; Dec. 31.
Sewing cabinet. A. I. Ekstrom. 2,203,563; June 4.
Sewing device. V. Speziale. 2,217,260; Oct. 8.
Sewing machine. F. Ashworth. 2,221,320; Nov. 12.
Sewing machine. S. W. Avis. 2,186,228; Jan. 9.
Sewing machine. F. Barton. 2,222,806; Nov. 26.
Sewing machine. R. Becker. 2,222,016; Nov. 19.
Sewing machine. B. Bregman. 2,210,893; Aug. 13.
Sewing machine. N. V. Christensen and G. Sauer. 2,216,700; Oct. 1.
Sewing machine. J. T. Dowdall. 2,192,493; Mar. 5.
Sewing machine. G. A. Fleckenstein. 2,217,895; Oct. 15.
Sewing machine. J. Gouldbourn and T. A. Kestell. 2,186,604; Jan. 9.
Sewing machine. J. Gouldbourn and T. A. Kestell. 2,188,093; Jan. 23.
Sewing machine. C. A. O. Grip. 2,187,235; Jan. 16.
Sewing machine. H. F. Gruman. 2,199,171; Apr. 30.
Sewing machine. O. R. Haas. 2,205,383; June 25.
Sewing machine. O. R. Haas. 2,224,768; Dec. 10.
Sewing machine. K. Heil. 2,191,013; Feb. 20.
Sewing machine. R. Kaier. 2,206,285; July 2.
Sewing machine. J. D. Karle. 2,202,586; May 28.
Sewing machine. R. E. Ladue. 2,223,626; Dec. 3.
Sewing machine. R. L. Lyons. 2,198,312; Apr. 23.
Sewing machine. W. E. Nichols. 2,201,449; May 21.
Sewing machine. J. H. Pikul. 2,187,248; Jan. 16.
Sewing machine. C. F. Rubel. 2,219,210; Oct. 22.
Sewing machine. L. E. Topham. 2,207,957; July 16.
Sewing machine. N. Waldman and E. Polimac. 2,223,471; Dec. 3.
Sewing machine. C. F. Whitaker. 2,205,805; June 25.
Sewing machine. F. C. Wilson. 2,197,599; Apr. 16.
Sewing machine and attachment therefor. G. M. Lewis. 2,208,992; July 23.
Sewing machine and the like, Chenille. W. H. Sparks. 2,194,876; Mar. 26.
Sewing machine attachment. J. Boruchowitz. 2,193,617; Mar. 12.
Sewing machine, Automatic. D. Day. 2,225,370; Dec. 17.
Sewing machine, Blind stitch. R. S. Kelso. 2,195,700; Apr. 2.
Sewing machine, Blind stitch. C. W. Mueller. 2,188,228; Jan. 23.
Sewing machine, Blind stitch. C. W. Mueller. 2,189,433; Feb. 6.
Sewing machine, Blind stitch. C. W. Mueller. 2,194,149; Mar. 19.
Sewing machine, Blind stitch. C. W. Mueller. 2,221,148; Nov. 12.
Sewing machine, Bobbin case. J. D. Karle. 2,212,475; Aug. 20.
Sewing machine, Button. H. A. Landis. 2,191,129; Feb. 20.
Sewing machine, Buttonhole. E. P. Spaine and H. C. Faulkner. 2,190,614; Feb. 13.
Sewing machine, Differential feeding mechanism for. H. F. Gruman. 2,199,174; Apr. 30.
Sewing machine, Double chain stitch. B. L. Henry. Re. 21,645; Dec. 3.
Sewing machine, Electromagnetic. F. Diehl and J. M. Naul. 2,223,315; Nov. 26.
Sewing machine, Electromagnetic. J. M. Naul. 2,223,330; Nov. 26.
Sewing machine, Hand. T. E. Monroe. 2,206,484; July 2.
Sewing machine, Inseam shoe. V. J. Tetrault. 2,200,402; May 14.
Sewing machine, Label. E. Prazak. 2,189,045; Feb. 6.
Sewing machine lighting attachment. W. L. Gerber, Jr. 2,196,962; Apr. 9.
Sewing machine, Lockstitch. N. F. Hopkins. 2,197,801; Apr. 23.
Sewing machine, Lockstitch. C. F. Rubel. 2,218,556; Oct. 22.
Sewing machine, R., V. and H. Naftali. 2,213,965; Sept. 10.
Sewing machine needle threader. J. C. Lounsbury. 2,210,943; Aug. 13.
Sewing machine, Ornamental stitch. F. M. Card. 2,216,096; Sept. 24.
Sewing machine, Ornamental stitch. C. Sturzlinger. 2,202,609; May 28.
Sewing machine, Shoe. F. Ashworth. 2,192,166; Mar. 5.
Sewing machine, Shoe. F. Ashworth. 2,208,566; July 23.
Sewing machine, Shoe. F. Ashworth. 2,222,972; Nov. 26.
Sewing machine, Shoe. K. Engel. 2,190,355; Feb. 13.
Sewing machine, Shoe. O. R. Haas. 2,194,897; Mar. 26.
Sewing machine, Shoe. F. B. Keall. 2,197,663; Apr. 16.
Sewing machine, Shoe. B. T. Leveque. 2,202,388; May 28.
Sewing machine, Shoe. J. M. Matheu. 2,204,901; June 18.
Sewing machine, Shoe. A. R. Morrill. 2,194,365; Mar. 19.
Sewing machine, Shoe. A. R. Morrill. 2,219,933; Oct. 29.
Sewing machine, Shoe. A. R. Morrill. 2,220,112; Nov. 5.
Sewing machine, Shoe. E. Quinn and A. R. Morrill. 2,198,391; Apr. 23.
Sewing machine, Shoe. S. A. Wennerlund. 2,225,812; Dec. 24.
Sewing machine spooler drive release means. F. E. Anderson. 2,190,760; Feb. 20.
Sewing machine stitch forming mechanism. J. Mann. 2,193,180; Mar. 12.
Sewing machine table, Electric. L. F. Stein and E. B. Proctor. 2,220,868; Nov. 5.
Sewing machine, Universal button. M. McCann. 2,200,929; May 14.
Sewing machine, Wax thread. O. R. Haas. 2,219,308; Oct. 29.
Sewing machine, Wax thread shoe. O. R. Haas. 2,226,401; Dec. 24.
Sewing machines and the like, Feed mechanism for. G. Sauer. 2,189,656–7; Feb. 6.
Sewing machines and the like, Lighting. P. A. Cullman. 2,208,522; July 16.
Sewing machines, Attachment for. R. Cunning. 2,198,591; Apr. 30.
Sewing machines, Attachment for. W. C. Hake. 2,197,548; Apr. 16.
Sewing machines, Attachment for. A. Soltan. 2,218,100; Oct. 15.
Sewing machines, Automatic tension release for blind stitch. C. W. Mueller. 2,199,751; May 7.
Sewing machines, Binding attachment for. D. J. Germain. 2,224,261; Dec. 10.
Sewing machines, Bobbin-case for. J. D. Karle. 2,198,170; Apr. 23.
Sewing machines, Button feeding device for. E. Melzer, H. Siegmund, and G. Kalep. 2,211,511; Aug. 13.
Sewing machines, Buttonhole attachment for. G. L. Hinman. 2,207,293; July 9.
Sewing machines, Cutting attachment for. S. Sussman and G. F. Bosse. 2,192,292; Mar. 5.
Sewing machines, Feed mechanism for. H. Hacklander and H. J. Le Vesconte. 2,203,386; June 4.
Sewing machines, Feed mechanism for. F. A. Kucera. 2,197,255; Apr. 16.
Sewing machines, Feed mechanism for. H. J. Le Vesconte. 2,218,287; Oct. 15.
Sewing machines, Feeding mechanism for. R. Becker. 2,222,017; Nov. 19.
Sewing machines, Feeding mechanism for. H. Hacklander and G. Sauer. 2,199,663; May 7.
Sewing machines, Feeding mechanism for. F. A. Kucera. 2,199,666; May 7.
Sewing machines, Gauge attachment for. D. Shpater. 2,186,885; Jan. 9.
Sewing machines, Looper-mechanism for. R. Becker. 2,224,028; Dec. 3.
Sewing machines, Lubricating means for. O. R. Haas. 2,188,683; Jan. 30.
Sewing machines, Material presser for. E. Siefermann. 2,227,327; Dec. 31.
Sewing machines, Multiple looper means for. A. Kierner. 2,189,041; Feb. 6.
Sewing machines, Needle vibration controlling means for zigzag stitch. W. Bölter and H. Theenhausen. 2,202,515; May 28.
Sewing machines, Pearl edge attachment for. G. Fowler. 2,217,863; Oct. 15.
Sewing machines, Presser foot attachment for. A. Masler. 2,202,059; May 28.
Sewing machines, Reversible feeding mechanism for. G. A. Fleckenstein. 2,215,068; Sept. 17.
Sewing machines, Ruffling mechanism for. A. L. Plamondon, R. A. Matthies, and O. K. Iversen. 2,193,256; Mar. 12.
Sewing machines, Stop motion and rebound control mechanisms for. M. McCann. 2,225,565; Dec. 17.
Sewing machines, Take-up for. S. Zonis. 2,191,736; Feb. 27.
Sewing machines, Thread and cord trimmer for buttonhole. E. P. Spaine and H. C. Faulkner. 2,210,638; Aug. 6.
Sewing machines, Thread controlling mechanism for. M. McCann. 2,186,762; Jan. 9.
Sewing machines, Thread-controlling mechanism for overedge. N. Knaus and P. J. Anton. 2,218,796; Oct. 22.
Sewing machines, Thread cutter for. O. R. Haas. 2,201,969; May 21.
Sewing machines, Thread tensioning attachment for. H. H. Howell. 2,189,732; Feb. 6.
Sewing machines, Trimmer mechanism for. B. P. Pinkvoss. 2,202,599; May 28.
Sewing machines, Trimming mechanism for blind stitch. H. F. Gruman. 2,199,172; Apr. 30.

Sewing machines, Tufting attachment for. E. W. Jackson. 2,203,220; June 4.
Sewing machines, Tufting attachment for. W. T. Kenner, Sr., R. G. Bush and O. R. Strain. 2,214,767; Sept. 17.
Sewing machines, Whip-stitching attachment for. J. B. Svadling. 2,197,597; Apr. 16.
Sewing machines, Work-guiding attachment for. J. E. Ackerman. 2,210,647; Aug. 6.
Sewing machines, Work support for blind stitch. H. F. Gruman. 2,199,173; Apr. 30.
Sewing machines, Work support for blind stitch. C. W. Mueller. 2,188,229; Jan. 23.
Sewing mechanism, Feed control for. C. J. Davies and H. M. Ratley. 2,207,973; July 16.
Sewing pad. M. C. Thillard. 2,224,751; Dec. 10.
Sextant. S. M. Burka and C. J. Crane. 2,220,884; Nov. 12.
Sextant. G. Gardner and H. G. Crocker. 2,189,790; Feb. 13.
Shackle. J. W. Leighton. 2,216,203; Oct. 1.
Shackle. W. Stevenson. 2,209,007; July 23.
Shade adjuster, Window. J. L. Hyland. 2,215,179; Sept. 17.
Shade and cover for lamp shade frames, Lamp. A. Burke. 2,224,950; Dec. 17.
Shade and curtain bracket, Combined window. J. H. York. 2,202,412; May 28.
Shade and curtain hanger. D. C. Culbertson. 2,198,280; Apr. 23.
Shade and operating mechanism, Porch. A. C. Hough. 2,188,134; Jan. 23.
Shade apparatus, Automatic adjustable. G. F. Mansfield. 2,186,873; Jan. 9.
Shade fixture. A. C. Sample. 2,225,280; Dec. 17.
Shade, Flexible lens. R. S. Kemp. 2,197,184; Apr. 16.
Shade, Fluted. E. Schwarz. 2,192,624; Mar. 5.
Shade, Folding window. D. J. Spradling. 2,223,010; Nov. 26.
Shade, Lighting. J. A. Korengold. 2,202,590; May 28.
Shade, Metal street light. C. A. Muller. 2,217,562; Oct. 8.
Shade mounting means, Lamp. P. Chilo. 2,209,151; July 23.
Shade or blind fastener. G. D. Dodge. 2,211,409; Aug. 13.
Shade, Paper window. A. L. Thexton. 2,200,481; May 14.
Shade, Pedal actuated windshield. J. W. Clarke. 2,191,009; Feb. 20.
Shade pull. J. O'Malley. 2,211,982; Aug. 20.
Shade-roller bracket. S. A. Cheves. 2,191,008; Feb. 20.
Shade, Roller window. R. H. Ebsworth. 2,204,847; June 18.
Shade, Venetian. G. C. Lawson and C. Lindquist. Re. 21,518; July 30.
Shade, Window. W. Kofler. 2,226,131; Dec. 24.
Shade, Window. M. P. Youker. 2,197,445; Apr. 16.
Shades, Plaited silk lamp. H. Dent. 2,224,340; Dec. 10.
Shaft adjustment for dynamoelectric machines, Axial. 2,210,705; Aug. 6.
Shaft and bearing assembly. J. D. Cole. 2,193,713; Mar. 12.
Shaft bearing. E. S. Aker. 2,203,039; June 4.
Shaft bearing. G. F. Le Bus. 2,191,890; Feb. 27.
Shaft bearing. S. A. Staege. 2,186,153; Jan. 9.
Shaft bearing mounting. W. B. Moore. 2,207,352; July 9.
Shaft, Collapsible. A. Potdevin. 2,187,138; Jan. 16.
Shaft, Collapsible winder. W. H. Lieber. 2,192,358; Mar. 5.
Shaft control device, Flat. H. W. Rubinstein. 2,221,558; Nov. 12.
Shaft coupling. W. A. Brecht. 2,189,598; Feb. 6.
Shaft coupling. G. S. P. de Bethune. 2,221,371; Nov. 12.
Shaft coupling. H. C. Edwards. 2,198,574; Apr. 23.
Shaft coupling. E. V. Kelpsch. 2,210,811; Aug. 6.
Shaft coupling. S. C. Watson. 2,208,614; July 23.
Shaft coupling. S. C. Watson. 2,209,367; July 30.
Shaft gland for high temperature steam turbines. J. R. Hagemann. 2,212,471; Aug. 20.
Shaft journals, Making. J. M. Sinclair. 2,197,883; Apr. 23.
Shaft lock. C. Heinze. 2,209,695; July 30.
Shaft locking device. C. E. Jennings. 2,200,988; May 14.
Shaft or tube press. U. A. Inman. 2,203,092; June 4.
Shaft sealing device. E. H. Steedman. 2,195,877; Apr. 2.
Shaft sealing means. J. C. Gorman. 2,215,034; Sept. 17.
Shaft, Sinking a. J. B. Newsom. 2,204,906; June 18.
Shaft sinking and excavating device. O. M. Wick. 2,221,226; Nov. 12.
Shaft structure, Keyed. J. H. Doran. 2,197,631; Apr. 16.
Shaft truing device. J. P. Ferguson. 2,201,664; May 21.
Shafts or spindles, Supporting, cooling and lubricating means for high-speed. M. Consigliere. 2,207,312; July 9.
Shake-out rack. C. Collins. 2,226,659; Dec. 31.
Shake splitting machine. A. W. Hendricks and D. H. Clark. 2,201,815; May 21.
Shaker, Combined salt and pepper. H. E. and P. E. Haskin. 2,216,345; Oct. 1.
Shaker, Condiment. W. McArthur. 2,200,755; May 14.
Shaker conveyer. E. J. Doberstein. 2,219,515; Oct. 29.
Shaker conveyer. R. E. Rankin. 2,204,770; June 18.
Shaker, Liquid mixing. A. J. Rochow. 2,208,431; July 16.
Shaker, Salt. V. A. Kasin. 2,205,040; June 18.
Shaking Fourdrinier mechanism. B. A. Malkin. 2,217,373; Oct. 8.
Shale screen. G. D. Crabb. 2,208,895; July 23.
Shale separator. E. M. Beebe. 2,206,593; July 2.
Shampoo board. A. B. Ellis. 2,212,016; Aug. 20.
Shank for footwear. J. Hoza. 2,209,651; July 30.
Shaped article and preparing it. A. Voss and H. Stärk. 2,188,272; Jan. 23.
Shaped structures and other useful articles from cellulose derivatives, Manufacture of. L. Lilienfeld. 2,224,874; Dec. 17.
Shaper and the like, Woodworking. A. Haas. 2,193,359; Mar. 12.
Shaping machine. H. W. Zimmerman. 2,220,382; Nov. 5.
Shaping machine for garments. J. A. Self. 2,226,143; Dec. 24.
Shark and other hides for tanning, Preparing. F. C. Erkel. 2,222,656; Nov. 26.
Sharpener. F. Rehfield. 2,222,374; Nov. 19.
Sharpener, Beveled edge. S. C. Hood. 2,195,129; Mar. 26.
Sharpener, Blade. W. A. Russell. 2,189,474; Feb. 6.
Sharpener, Cleaver and knife. P. R. and F. R. Booth. 2,200,614; May 14.
Sharpener, Cutter. C. T. Galloway. 2,224,959; Dec. 17.
Sharpener, Electric pencil. O. D. Premo. 2,208,911; July 23.
Sharpener for cloth cutting machines. J. B. Gury, Jr. 2,220,762; Nov. 5.
Sharpener for lawn mowers, Blade. B. Looper. 2,207,323; July 9.
Sharpener for single-edged razor blades. E. B. Connerat. 2,189,883; Feb. 13.
Sharpener, Knife. J. A. Murdock. 2,216,981; Oct. 8.
Sharpener, Knife. M. J. Zimmer. 2,186,715; Jan. 9.
Sharpener, Lawn mower. H. W. Beaver. 2,204,293; June 11.
Sharpener, Pencil. O. D. Wallett. 2,216,681; Oct. 1.
Sharpener, Razor blade. H. L. Kriechbaum. 2,197,891; Apr. 23.
Sharpener, Razor blade. W. H. Parkison. 2,219,750; Oct. 29.
Sharpener, Universal. A. Primak. 2,191,899; Feb. 27.
Sharpening device. C. R. Ellis. 2,203,951; June 11.
Sharpening device. J. Frei, Jr. 2,187,231; Jan. 16.
Sharpening device. W. R. Taylor. 2,205,964; June 25.
Sharpening device for edged implements. J. E. Burns. 2,222,361; Nov. 19.
Sharpening device for razor blades. B. Meitner. 2,185,922; Jan. 2.
Sharpening device suitable for gramophone needles. A. G. Imhof. 2,225,605; Dec. 17.
Shaver. H. B. Randolph and A. Mathisen. 2,210,466; Aug. 6.
Shaver, Dry. G. Dalkowitz. 2,223,205; Nov. 26.
Shaver, Dry. R. Knapp. 2,187,271; Jan. 16.
Shaver, Dry. B. R. Nyhagen. 2,190,481; Feb. 13.
Shaver, Electric dry. R. E. Benner. 2,223,156; Nov. 26.
Shaver, Electric dry. I. Florman. 2,227,339; Dec. 31.
Shaver, Electric dry. G. G. Going. 2,215,099; Sept. 17.
Shaver guard and cleaner, Electric. R. A. Williams. 2,192,726; Mar. 5.
Shaver, Motor driven dry. B. R. Nyhagen. 2,215,650; Sept. 24.
Shaver, Rotary electric. H. W. Shryock. 2,196,599; Apr. 9.
Shaver-type motor. J. D. Miner, Jr. 2,221,599; Nov. 12.
Shaving and clipping tool. H. L. Sessions and H. L. Jones. 2,203,581; June 4.
Shaving composition, Saponaceous. H. Kröper and E. Thomae. 2,185,255; Jan. 2.
Shaving cream, Brushless. W. Kritchevsky. 2,195,713; Apr. 2.
Shaving device. M. Andis. 2,216,797; Oct. 8.
Shaving device. M. G. Andis, Jr. 2,210,110; Aug. 6.
Shaving device. C. Gardner. 2,218,312; Sept. 15.
Shaving device. S. Khalil. 2,220,911; Nov. 12.
Shaving device. P. K. McGall. 2,216,672; Oct. 1.
Shaving device. S. Trachtenberg. 2,213,872; Sept. 3.
Shaving device and motor therefor. R. Knapp. Re. 21,363; Feb. 20.
Shaving device, Dry. R. Knapp. 2,222,107; Nov. 19.
Shaving device, Electric. P. K. McGall. 2,216,673; Oct. 1.
Shaving device, Mechanical. G. E. Colman. 2,221,394; Nov. 12.
Shaving device, Motor driven. W. J. Whitton. 2,199,768; May 7.
Shaving implement. J. Bruecker. 2,196,098; Apr. 2.
Shaving implement. J. H. Hill. 2,202,203; May 28.
Shaving implement. I. Jepson. 2,220,800; Nov. 5.
Shaving implement. J. Muros. 2,198,832–3; Apr. 30.
Shaving implement. J. Muros. 2,200,185; May 7.
Shaving implement. J. Muros. 2,204,146; June 11.
Shaving implement. J. Muros. 2,205,905; June 25.
Shaving implement. J. Muros. 2,206,551; July 2.
Shaving implement. J. Muros. 2,223,294; Nov. 26.
Shaving implement. N. Testi. 2,193,909; Mar. 19.
Shaving implement. N. Testi. 2,194,815; Mar. 26.
Shaving implement. N. Testi. 2,212,624; Aug. 27.
Shaving implement. N. Testi. 2,213,291; Sept. 3.

Shaving implement. N. Testi. 2,223,310; Nov. 26.
Shaving implement, Dry. J. Muros. 2,200,186; May 7.
Shaving implement, Nonslip. H. T. Schiff. 2,207,269; July 9.
Shaving instrument, Dry. R. E. Benner. 2,186,093; Jan. 9.
Shaving instrument, Facial. D. W. Branstetter. Re. 21,413; Apr. 2.
Shaving machine. A. A. Johnson. 2,223,286; Nov. 26.
Shaving mechanism. F. Meyer. 2,217,519; Oct. 8.
Shaving or hair clipping device, Mechanical. R. E. Jones. 2,203,021; June 4.
Shear. G. P. Thomas. 2,193,148; Mar. 12.
Shear, Bench. F. L. McGary. 2,207,223; July 9.
Shear control, Flying. H. G. R. Bennett. 2,211,362; Aug. 13.
Shear, Flying. H. H. Talbot. 2,190,638; Feb. 13.
Shear guide for cutting cloth. M. Breth. 2,205,743; June 25.
Shear machine. C. A. Van Dusen. 2,222,095; Nov. 19.
Shear, Portable. K. W. Nebel. 2,190,911; Feb. 20.
Shearing apparatus. J. W. Sheperdson. 2,193,259; Mar. 12.
Shearing apparatus, Rotary. W. W. Macfarren. 2,195,653; Apr. 2.
Shearing clamp. H. Wang. 2,187,337; Jan. 16.
Shearing machine. H. C. Wright. 2,194,515; Mar. 26.
Shearing mechanism. M. Morgan. 2,187,091; Jan. 16.
Shearing plates, Making. W. L. Martin. 2,220,166; Nov. 5.
Shearing tool. S. I. Rayner. 2,219,602; Oct. 29.
Shears. A. D. Brison. 2,217,726; Oct. 15.
Shears. B. F. Gray, Jr. 2,189,791; Feb. 13.
Shears. F. L. McGary. 2,207,222; July 9.
Shears and the like. C. J. Bath. 2,191,826; Feb. 27.
Shears, Garden or hedge. W. G. McDonald. 2,191,236; Feb. 20.
Shears, Grass. F. H. Rauh. 2,208,949; July 23.
Shears, Pinking. C. J. Dalley. 2,204,071; June 11.
Shears, Pruning. A. Joost. 2,208,903; July 23.
Shears, Pruning. D. I. Miller. 2,190,503; Feb. 13.
Shears, Pruning. A. J. Trapp. 2,207,994; July 16.
Sheathing and insulating material, Composite. M. Wasserman. 2,222,343; Nov. 19.
Sheathing to insulated conductors, Method of and apparatus for applying metal. J. D. Burby. 2,185,429; Jan. 2.
Sheathing, Wall. T. F. Anderson. 2,209,375; July 30.
Sheaths of electric cables, pipes, and other metal articles against corrosion, Protecting. T. L. Osborne and H. J. Allcock. 2,203,232; June 4.
Sheaths, Removal of mud. H. T. Byck. 2,217,857; Oct. 15.
Sheaths, Separating leaf. G. S. Rippey and H. Rowe. 2,211,351; Aug. 13.
Sheave, Adjustable diameter. W. A. Meyer. 2,199,362; Apr. 30.
Sheave block. H. W. Ball. 2,218,412; Oct. 15.
Sheave carrier, Drill hole. J. B. Newsom. 2,200,516; May 14.
Sheave, Pressed metal. E. H. Schultz, Jr. 2,200,245; May 14.
Sheet, Adjustably curvable structural. R. W. Rumble. 2,197,318; Apr. 16.
Sheet and pillowcase, Combination. J. A. and C. H. Rook. 2,217,819; Oct. 15.
Sheet applying device. E. Hope. 2,225,053; Dec. 17.
Sheet arrangement for use with continuous copy sheets in typewriters and the like, Transfer. W. Douglas. 2,209,195; July 23.
Sheet asbestos products, Manufacturing. M. S. Badollet. 2,220,386; Nov. 5.
Sheet assembling apparatus. C. Paulsen. 2,205,433; June 25.
Sheet assembling machine. A. Marchev and C. C. McCain. 2,222,983; Nov. 26.
Sheet assembling machine. L. L. West and C. R. Walcher. 2,226,397; Dec. 24.
Sheet assembly, Master. F. J. Burkart. 2,216,585; Oct. 1.
Sheet, Bed. A. Fridolph. 2,186,965; Jan. 16.
Sheet, Bed. L. S. Shauer. 2,195,039; Mar. 26.
Sheet composition and preparing same, Moldable. N. D. Hanson. 2,221,945; Nov. 19.
Sheet control, Slip. F. Nigra. 2,196,506; Apr. 9.
Sheet conveyer. H. T. Backhouse. 2,201,605; May 21.
Sheet conveyer. W. W. Davidson and A. Anderson. 2,190,418; Feb. 13.
Sheet conveyer mechanism. C. W. Harrold. 2,198,385; Apr. 23.
Sheet, Corrugated. E. L. Perry. 2,209,537; July 30.
Sheet delivery apparatus, Printing press. H. E. Stolper. 2,200,937; May 14.
Sheet delivery mechanism. C. W. Harrold and A. B. Woodruff. 2,208,978; July 23.
Sheet delivery mechanism. S. A. Huffman, J. Sinkovitz, and A. A. Saul. 2,195,533; Apr. 2.
Sheet delivery mechanism. F. W. Seybold. 2,226,674; Dec. 31.
Sheet edging apparatus. J. L. Drake. 2,200,984; May 14.
Sheet facsimile system, Continuous. W. G. H. Finch. 2,203,461; June 4.
Sheet feeder. H. T. Backhouse. 2,200,408; May 14.
Sheet feeder. H. T. Backhouse. 2,201,604; May 21.
Sheet feeder. G. A. Martin. 2,218,401; Oct. 15.
Sheet feeder. G. A. Martin. 2,221,981; Nov. 19.
Sheet feeder. D. P. Sanford. 2,221,153; Nov. 12.
Sheet feeder. F. W. Seybold. 2,214,088; Sept. 10.
Sheet feeder. E. G. Staude. 2,198,067; Apr. 23.
Sheet feeding. M. S. Gudger. 2,225,006; Dec. 17.
Sheet feeding and delivery device for cylinder printing presses, Automatic. A. Büttner. 2,192,068; Feb. 27.
Sheet feeding apparatus. E. W. Goodwin. 2,208,304; July 16.
Sheet feeding apparatus. E. R. Kast. 2,201,539; May 21.
Sheet feeding apparatus. W. E. Schneider. 2,218,484; Oct. 15.
Sheet feeding apparatus. L. C. Williams. 2,222,009; Nov. 19.
Sheet feeding apparatus. G. E. Wimmer. 2,204,715; June 18.
Sheet feeding apparatus. E. J. Yeo. 2,226,957; Dec. 31.
Sheet feeding apparatus, Automatic. T. S. Foweraker. 2,204,985; June 18.
Sheet feeding device. H. H. Keen and J. Woodhead. 2,192,610; Mar. 5.
Sheet feeding device. K. T. Lang. 2,220,046; Oct. 29.
Sheet feeding device. G. Spiess. 2,191,596–7; Feb. 27.
Sheet feeding machine. C. E. Clarke. 2,205,921; June 25.
Sheet feeding machine. A. W. Nelson. 2,186,986; Jan. 16.
Sheet feeding mechanism. H. T. Backhouse. 2,200,409; May 14.
Sheet feeding mechanism. G. A. Gibson, Jr. 2,219,892; Oct. 29.
Sheet feeding mechanism. R. S. Harm. 2,187,123; Jan 16.
Sheet feeding mechanism. G. L. Pierce. 2,214,752; Sept. 17.
Sheet feeding mechanism and friction control means therefor. A. J. Levenhagen. 2,226,003; Dec. 24.
Sheet feeding mechanism for printing presses. W. K. Eckhard. 2,207,508; July 9.
Sheet feeding mechanism for printing presses. W. K. Eckhard. 2,210,573; Aug. 6.
Sheet feeding mechanism for printing presses. C. F. Root. 2,210,258; Aug. 6.
Sheet, Felted fabric. W. J. Moeller. 2,203,173; June 4.
Sheet folding and pleating machine. A. J. Wikander, I. Lind, and L. L. Wisdom. 2,194,344; Mar. 19.
Sheet folding machine. G. E. Smith and W. W. Stallworthy. 2,216,655; Oct. 1.
Sheet for tacky rubber and making same, Paper carrier. G. W. Coggeshall. 2,188,331; Jan. 30.
Sheet forming apparatus and method. A. C. Fischer. 2,200,269; May 14.
Sheet forwarding apparatus for duplicating machines, Intermittent. R. F. Morrison and G. E. Wimmer. 2,220,264; Nov. 5.
Sheet handling apparatus. L. Hopkins. 2,217,983; Oct. 15.
Sheet handling mechanism for sheet feeders. G. Goebel and S. A. Chantland. 2,199,170; Apr. 30.
Sheet holder, Surfacing machine abrasive. E. B. George. 2,204,486; June 11.
Sheet, Laminated vitriform. C. Ellis. 2,200,691; May 14.
Sheet lifter. E. V. Cullen and E. J. Shaughnessy. 2,198,652; Apr. 30.
Sheet lifter. E. J. Shaughnessy. 2,213,055; Aug. 27.
Sheet material. J. Eggert and B. Wendt. 2,222,532; Nov. 19.
Sheet material. G. P. Ketter and G. Wagner. 2,214,231; Sept. 10.
Sheet material and moistureproofing composition, Moistureproof. R. B. Flint. 2,216,812; Oct. 8.
Sheet material and producing the same, Resin-impregnated. L. T. Sutherland. 2,224,992; Dec. 17.
Sheet material feeding mechanism. M. E. Brooks. 2,222,168; Nov. 19.
Sheet material, Flexible abrasive. H. G. Bartling. 2,186,001; Jan. 9.
Sheet material, Making fibrous. M. Skolnik. 2,225,134; Dec. 17.
Sheet material, Making tubular. R. L. Templin. 2,190,494; Feb. 13.
Sheet metal container. R. Nyden. 2,219,487; Oct. 29.
Sheet metal container. M. Schwartz. 2,201,322; May 21.
Sheet metal, Galvanizing. T. Sendzimir. 2,197,622; Apr. 16.
Sheet metal, Method and apparatus for making. P. W. Matthews. 2,226,500; Dec. 24.
Sheet metal receptacle. J. R. Jones. 2,186,529; Jan. 9.
Sheet metal stampings, Making. S. A. Snell. 2,192,536–7; Mar. 5.
Sheet-metal strip, Severing marginal trimmings as they are cut from. L. W. Nash. 2,203,738; June 11.
Sheet mutilating apparatus. A. L. Roloff. 2,215,073; Sept. 17.
Sheet or signature feeding and gathering. P. E. Kleineberg, P. Schweizer, and A. W. Wilks. Re. 21,489; June 25.
Sheet piling. H. M. Knight. 2,189,804; Feb. 13.
Sheet products, Making. J. A. Wiener. 2,208,236; July 16.

Sheet punching machine, Record. M. Maul. 2,206,640; July 2.
Sheet registering and detecting mechanism. C. W. Harrold and J. R. Wood. 2,200,367; May 14.
Sheet, Resilient. L. A. Dunajeff. 2,192,573; Mar. 5.
Sheet separating and feeding machine. H. T. Backhouse. 2,222,459; Nov. 19.
Sheet separating and feeding mechanism for printing presses. J. F. Jirousek. 2,203,823; June 11.
Sheet separating and lifting means. H. T. Backhouse. 2,215,458; Sept. 24.
Sheet separator. G. Spiess. 2,185,652; Jan. 2.
Sheet severing mechanism. M. Maul. 2,189,042; Feb. 6.
Sheet stacking and transfer mechanism. R. R. Seft. 2,208,433; July 16.
Sheet straightening machine. F. K. Maussnest. 2,219,163; Oct. 22.
Sheet treating apparatus. O. Kinne. 2,207,925; July 16.
Sheet turning mechanism. J. E. Schmidt. 2,227,202; Dec. 31.
Sheeting and preparing the same, Highly flexible. C. J. Malm. 2,189,590; Feb. 6.
Sheetings, Method and apparatus for making fibrous. H. A. Sheesley. 2,206,056; July 2.
Sheets containing mineral wool fiber, Manufacture of. A. L. Clapp. 2,217,005; Oct. 8.
Sheets, Corrugating. A. Magnani. 2,210,985; Aug. 13.
Sheets, Feeding. B. F. Upham. 2,221,500; Nov. 12.
Sheets, Making pressure-sensitive adhesive. W. Kellgren. 2,206,899; July 9.
Sheets, Manufacture of laminated. A. Renffrew and W. E. F. Gates. 2,199,597; May 7.
Sheets, Method of and apparatus for feeding. L. Baker. 2,214,896; Sept. 17.
Sheets, Method of and apparatus for feeding. E. R. Kast. 2,195,459; Apr. 2.
Sheets, Method of and apparatus for making. R. M. Fenton. 2,204,984; June 18.
Sheets, Method of and apparatus for making pile-surfaced. A. F. Meston. 2,222,539; Nov. 19.
Sheets of zinc or copper or other metals, Surfacing. T. J. Masse. 2,216,539; Oct. 1.
Sheets or boards containing mineral wool, Manufacture of. A. L. Clapp. 2,225,100; Dec. 17.
Shelf. C. W. Johnson. 2,226,933; Dec. 31.
Shelf, Adjustable broiler. A. G. Sherman, T. E. Jackson and C. Roose. 2,224,164; Dec. 10.
Shelf and bookcase, Collapsible. F. Roth. 2,206,753; July 2.
Shelf and divider, Compartment. O. M. Burkhart. 2,215,208; Sept. 17.
Shelf and supports therefor. F. D. Peltier and K. F. Schmidt. 2,201,114; May 14.
Shelf, Automatic dispensing. A. E. Willey. 2,222,887; Nov. 26.
Shelf, Auxiliary. B. Krasberg. 2,197,870; Apr. 23.
Shelf construction for shirts, Wardrobe sliding. L. Cohen. 2,217,890; Oct. 15.
Shelf construction, Movable. J. W. Row. 2,190,244; Feb. 13.
Shelf or rack. F. O'Brien. 2,197,982; Apr. 23.
Shelf, Portable. W. G. Mackinga. 2,216,621; Oct. 1.
Shelf, Refrigerator. E. R. Carr. 2,207,115; July 9.
Shelf, Refrigerator. R. H. Money. 2,215,931; Sept. 24.
Shelf, Refrigerator. E. H. Seibert. 2,195,263; Mar. 26.
Shelf support. K. C. Welch. 2,208,234; July 16.
Shell, Aluminum lined. S. Tackler. 2,193,573; Mar. 12.
Shell inspecting machine. K. Wassén. 2,224,204; Dec. 10.
Shell or bomb. C. E. Slaughter. 2,197,841; Apr. 23.
Shell or fuselage for aircraft. W. Rethel. 2,212,456; Aug. 20.
Shell, Stock. W. F. Gammeter. 2,223,682; Dec. 3.
Sheller, Corn. F. T. Court. 2,219,916; Oct. 29.
Sheller, Corn. F. T. Court. 2,222,282; Nov. 19.
Sheller, Corn. F. W. Kirby and F. A. Thomann. 2,207,258; July 9.
Sheller, Nut. F. E. Mizera. 2,201,911; May 21.
Shellfish dredging, Method and apparatus for. H. B. Flower. 2,204,584; June 18.
Shells, Making plywood. W. Verhey. 2,223,587; Dec. 3.
Shelter support. M. A. Mehlburger. 2,198,272; Apr. 23.
Shelving. J. E. Bales. 2,213,115; Aug. 27.
Shelving, Foldable, portable. Y. Goldman. 2,205,193; June 18.
Shield. B. Y. Sacks. 2,191,589; Feb. 27.
Shield and assembly, Fender. A. P. Fergueson. 2,217,838; Oct. 15.
Shield and assembly, Fender. D. H. Mills. 2,222,625; Nov. 26.
Shield and bracket, Window shade. E. F. Pidgeon. 2,224,796; Dec. 10.
Shield and fender shield mounting, Fender. A. P. Fergueson. 2,226,857; Dec. 31.
Shield and filter, Register. M. Sinclair. 2,203,311; June 4.
Shield and mounting, Fender. A. P. Fergueson. 2,202,904; June 4.
Shield and mounting, Fender. A. P. Fergueson. 2,222,610; Nov. 26.
Shield and mounting, Fender. H. S. Jandus. 2,222,619; Nov. 26.
Shield, Baby carriage storm. R. S. Lilleberg. 2,218,043; Oct. 15.
Shield, Bathtub modernizing. A. P. Gwynn. 2,199,791; May 7.
Shield, Dress. S. Bendersky. 2,186,002; Jan. 9.
Shield, Dressing. S. B. Richstein. 2,224,746; Dec. 10.
Shield, Eraser. D. S. Richardson. 2,194,955; Mar. 26.
Shield, Fender. H. Buchanan. 2,226,894; Dec. 31.
Shield, Fender. A. P. Fergueson. 2,202,903; June 4.
Shield, Firearm. G. C. Young. 2,215,204; Sept. 17.
Shield, Flexible fender. A. P. Fergueson and J. H. Gould. 2,196,493; Apr. 9.
Shield for automobile radiators, Protective. R. W. Heisler. 2,224,786; Dec. 10.
Shield for automobiles, buses, etc., Glare. V. A. Soderberg. 2,220,429; Nov. 5.
Shield for bathtubs, Shower. C. B. Ricken. 2,197,385; Apr. 16.
Shield for containers, Sanitary. D. Bensel. 2,197,739; Apr. 16.
Shield for diagnostic reflectors. J. Brandenburg. 2,222,167; Nov. 19.
Shield for eaves troughs, Downspout. D. Lighthill. 2,210,248; Aug. 6.
Shield for electrical apparatus. G. L. Moses. 2,223,737; Dec. 3.
Shield for hair drying purposes. A. Womack. 2,226,956; Dec. 31.
Shield for internal combustion engines, Oil. E. L. Wylie. 2,222,792; Nov. 26.
Shield for radiators. R. E. Burk. 2,206,220; July 2.
Shield for soot blowers. A. Williams. 2,192,215; Mar. 5.
Shield, Frost. J. R. Thorp. 2,187,000; Jan. 16.
Shield, Glare. V. C. Buchanan. 2,212,007; Aug. 20.
Shield, Glare. J. H. Fletcher. 2,226,056; Dec. 24.
Shield, Glare. O'D. K. Harvey. 2,187,027; Jan. 16.
Shield, Glare. L. A. Wells. 2,204,739; June 18.
Shield, Hand. V. M. Kinkis. 2,205,957; June 25.
Shield, Heat exchanger core. F. M. Young. 2,200,527; May 14.
Shield, Insulating. F. Reese. 2,221,005; Nov. 12.
Shield, Light. C. H. Low. 2,191,937; Feb. 27.
Shield, Manicure. J. Perras. 2,218,296; Oct. 15.
Shield, Mobile. O. Loeser, Jr. 2,209,654; July 30.
Shield or goggle, Eye. A. D. Cooper. 2,211,366; Aug. 13.
Shield, Ornament and button. A. Jacobs. 2,189,467; Feb. 6.
Shield, Safety. R. R. Teichner. 2,217,501; Oct. 8.
Shield, Shoe cleaning. D. C. Kloza. 2,202,560; May 28.
Shield, Spring. E. H. Piron. 2,220,581; Nov. 5.
Shield, Translucent light. T. E. Kiernan. 2,187,127; Jan. 16.
Shield, Transparent electrostatic. D. R. Goddard. 2,221,944; Nov. 19.
Shielding device for the eyes. J. C. Doyle. 2,212,014; Aug. 20.
Shielding system for the ignition circuits of internal combustion engines. R. de la Tramerye. 2,194,888; Mar. 26.
Shields. L. Orth. 2,212,073; Aug. 20.
Shields, Making and assembling expansion. R. E. McIntosh. 2,204,373; June 11.
Shields, Method and form for making dress. M. E. Hansen. 2,221,135; Nov. 12.
Shift mechanism. V. E. Morrison. 2,208,384; July 16.
Shift mechanism for motor vehicle transmissions. A. Maier. 2,186,536; Jan. 9.
Shifting and skidding device for use with hoisting jacks and using it. E. O. Keator. 2,191,279; Feb. 20.
Shifting means for indicator tapes. T. A. Kirton. 2,212,161; Aug. 20.
Shim. D. M. Paxton. 2,207,332; July 9.
Shims and shim stock, Heat treating brass. E. L. Young. 2,188,765; Jan. 30.
Shims for milling machinery. A. Schoenwerk. 2,218,179; Oct. 15.
Shingle. C. F. Ames, Jr. 2,205,679; June 25.
Shingle. R. R. Mabie, Jr. 2,201,442; May 21.
Shingle. E. C. Matthews. 2,196,420; Apr. 9.
Shingle. H. L. Olden. 2,209,704; July 30.
Shingle. W. M. Relue, Jr. 2,188,208; Jan. 23.
Shingle, Composition. L. Kirschbraun. 2,210,209; Aug. 6.
Shingle for roofs and walls, Ornamental sheet metal. L. I. Braddock. 2,188,454; Jan. 30.
Shingle, Interlocking. O. V. Bumpas. 2,195,847; Apr. 2.
Shingle, Interlocking. B. H. Howle, Sr. 2,194,659; Mar. 26.
Shingle joiner or shingle-butt-end clip. H. L. Joiner. 2,216,271; Oct. 1.
Shingle, Metal roofing. C. L. Jewett. 2,197,803; Apr. 23.
Shingle, Metallic. E. Bussey. 2,202,830; June 4.
Shingle, Roof. R. T. Perkins. 2,201,917; May 21.
Shingle, Strip. E. H. Koenig. 2,219,450; Oct. 29.
Shingles, and such shingles. Producing thick butt. B. Sweedler. 2,198,095; Apr. 23.
Shingles, Making laminated. J. D. Tennison. 2,227,205; Dec. 31.
Ship brake. J. G. Dunklin. 2,199,333; Apr. 30.
Ship construction. H. P. Frear. Re. 21,359; Feb. 20.
Ship construction. J. W. Stewart. 2,218,688; Oct. 22.
Ship propulsion stability control. W. Schaelchlin. 2,208,393; July 16.
Ship stabilizer. J. V. Giliberty. 2,210,935; Aug. 13.

Shipping and display carton. J. W. Anderson. 2,212,630; Aug. 27.
Shipping box. J. E. Borah. 2,203,127; June 4.
Shipping box. J. E. Borah. 2,226,215; Dec. 24.
Shipping case, Folding. J. Liskin. 2,189,076; Feb. 6.
Shipping container. F. B. Martin. 2,185,920; Jan. 2.
Shipping container. E. Roos. 2,192,666; Mar. 5.
Shipping container, Book match. J. Cage. 2,189,055; Feb. 6.
Shipping display container. G. Hornecker. 2,186,071; Jan. 9.
Shipping package for hollow cylindrical articles. G. E. Mirfield. 2,212,668; Aug. 27.
Shipping unit. W. C. Nebe. 2,214,173; Sept. 10.
Ships, Antirolling stabilization of. N. Minorsky. 2,202,162; May 28.
Ships, Automatic steering of. E. Smola. 2,204,553; June 18.
Ships, boats and other floating structures, Hydraulic propulsion of. W. Diamond. 2,203,010; June 4.
Ship's hull. W. P. Baker. 2,191,904; Feb. 27.
Shirt. F. Müller, geb. Mainusch. 2,188,056; Jan. 23.
Shock absorber. A. E. Dentler. 2,216,231; Oct. 1.
Shock absorbing mechanism. J. E. Lindeman. 2,217,870; Oct. 15.
Shirt and collar protector. S. Lighter. 2,204,419; June 11.
Shirt and making same. C. Du Pree. 2,202,625; May 28.
Shirt, Combination sport and conventional. V. E. Raddatz. 2,209,890; July 30.
Shirt construction. E. A. Sheridan. 2,221,656; Nov. 12.
Shirt, Infant's. E. A. Sheridan. 2,222,323; Nov. 19.
Shirt suit. G. Cantil. 2,208,115; July 16.
Shirts, Finishing laundered. L. R. Morse. 2,202,062; May 28.
Shirts, Packaging. L. R. Morse. 2,226,231; Dec. 24.
Shock absorber. E. L. Beecher. 2,214,038; Sept. 10.
Shock absorber. H. S. Begg. 2,194,001; Mar. 19.
Shock absorber. T. de Port. 2,186,011; Jan. 9.
Shock absorber. S. Faure-Roux. 2,213,810; Sept. 3.
Shock absorber. W. M. Glezen. 2,225,986; Dec. 24.
Shock absorber. L. W. Greve. 2,196,068; Apr. 2.
Shock absorber. A. W. Griepenstroh. 2,224,676; Dec. 10.
Shock absorber. C. R. Hanna. 2,193,591; Mar. 12.
Shock absorber. H. A. Herndon. 2,194,792; Mar. 26.
Shock absorber. M. Isaacson. 2,212,541; Aug. 27.
Shock absorber. C. D. Johnston. 2,204,415; June 11.
Shock absorber. E. W. Krueger. 2,224,305; Dec. 10.
Shock absorber. E. W. Krueger and J. F. Wallace. 2,213,819; Sept. 3.
Shock absorber. S. D. Mitereff. 2,212,426; Aug. 20.
Shock absorber. H. A. Myers, E. Nafzger, and A. J. Nowakowski. 2,206,110; July 2.
Shock absorber. C. A. Tea. 2,212,759; Aug. 27.
Shock absorber. L. E. Willard. 2,192,876; Mar. 12.
Shock absorber, Adjustable. H. S. Begg. 2,194,002; Mar. 19.
Shock absorber assembly, especially for motor vehicles. M. Balz. 2,199,063; Apr. 30.
Shock absorber, especially for motor vehicles. R. Binder. 2,212,259; Aug. 20.
Shock absorber for aircraft. J. H. Onions. 2,186,266; Jan. 9.
Shock absorber for fluid pressure lines. J. R. Jordan. 2,191,990; Feb. 27.
Shock absorber for motor cars, Stabilizer. C. B. Huntman. 2,195,331; Mar. 26.
Shock absorber for motor vehicles. F. F. Maciel. 2,202,460; May 28.
Shock absorber, Hydraulic. F. G. G. Armstrong. 2,206,800; July 2.
Shock absorber, Hydraulic. C. K. Elliott. 2,199,880; May 7.
Shock absorber, Hydraulic. R. F. Peo and G. M. Magrum. 2,194,053; Mar. 19.
Shock absorber, Hydraulic. E. F. Rossman, H. O. Fuchs, and R. B. Burton. 2,191,942; Feb. 27.
Shock absorbing and load equalizing or stabilizing means. J. W. Morgan. 2,201,912; May 21.
Shock absorbing device. E. W. Krueger. 2,224,306; Dec. 10.
Shock absorbing drive for earth boring apparatus. H. R. Smith. 2,210,506; Aug. 6.
Shock absorbing means. C. V. Johnson. 2,222,845; Nov. 26.
Shock absorbing means for shuttles. R. Balfour. 2,205,025; June 18.
Shock absorbing mechanism. G. A. Johnson. 2,187,156; Jan. 16.
Shock absorbing mechanism, Friction. S. B. Haseltine. 2,198,700; Apr. 30.
Shock absorbing mechanism, Friction. E. H. Lehman. 2,196,315; Apr. 9.
Shock indicating device. W. T. Peyton and J. B. Bear. 2,207,204; July 9.
Shock resisting lamp receptacle. R. A. Blood. 2,212,728; Aug. 27.
Shock strut. C. V. Johnson. 2,222,844; Nov. 26.
Shocker, Corn. E. H. and L. E. Rehn and A. M. Squire. 2,186,655; Jan. 9.
Shoe. C. C. Andreasen. 2,222,391; Nov. 19.
Shoe. E. A. Bickford. 2,195,915; Apr. 2.
Shoe. E. T. Bumpous. 2,216,226; Oct. 1.
Shoe. D. J. Calderazzo. 2,208,246; July 16.
Shoe. C. J. Conrad. 2,225,686; Dec. 24.
Shoe. J. B. Cort. 2,209,387; July 30.
Shoe. V. De Liso. 2,223,339; Dec. 3.
Shoe. M. E. Duckoff. 2,211,057; Aug. 13.
Shoe. C. E. Edwards. 2,197,102; Apr. 16.
Shoe. J. Fein. 2,200,080; May 7.
Shoe. M. G. Grundman. 2,215,924; Sept. 24.
Shoe. C. C. Klaus. 2,203,157; June 4.
Shoe. G. Mastrandrea. 2,216,645; Oct. 1.
Shoe. T. A. Noonan and P. W. Doherty. 2,209,280; July 23.
Shoe. L. M. Oakley. 2,208,330; July 16.
Shoe. A. Perugia. 2,208,104; July 16.
Shoe. P. Pliskoff and D. Weisberger. 2,207,699; July 16.
Shoe. D. E. Spathelf. 2,187,103; Jan. 16.
Shoe. P. A. Sperry. 2,206,860; July 9.
Shoe. K. A. Stritter. 2,205,963; June 25.
Shoe. P. Svrlinga, Jr. 2,205,753; June 25.
Shoe. M. D. Thompson. 2,210,735; Aug. 6.
Shoe. S. Troy. 2,185,362; Jan. 2.
Shoe. C. D. Turner. 2,197,907; Apr. 23.
Shoe. W. C. Vizard. 2,201,383; May 21.
Shoe. M. Winkel. 2,188,168; Jan. 23.
Shoe, Adjustable. A. E. Block. 2,220,439; Nov. 5.
Shoe, Adjustable height increasing. J. Burger. 2,212,414; Aug. 20.
Shoe adjustable to the foot. E. F. Roberts. 2,205,577; June 25.
Shoe and insole therefor. F. F. Coombs. 2,216,158; Oct. 1.
Shoe and insole therefor. F. Sbicca. 2,226,392; Dec. 24.
Shoe and insole therefor. H. Warren. 2,195,476; Apr. 2.
Shoe and making same. F. L. Ayers. 2,214,603; Sept. 10.
Shoe and making same. E. Lalli and O. Castagnola. 2,201,439; May 21.
Shoe and making same, Flexible. W. W. Prue. 2,201,300; May 21.
Shoe and making shoes. A. Dagdigian. 2,202,093; May 28.
Shoe and making the same. K. Engel. 2,212,516; Aug. 27.
Shoe and making the same. W. P. Field. 2,194,788; Mar. 26.
Shoe and shoe heel. E. Jahncke. 2,216,113; Oct. 1.
Shoe and shoe manufacture. K. Engel. 2,212,514; Aug. 27.
Shoe and the like, Animal. J. Wheeler, H. C. McKim, and H. T. Riley. 2,197,166; Apr. 16.
Shoe and the manufacture thereof. E. S. Marks and M. L. Brown. 2,207,437; July 9.
Shoe and platform for use in the same, Platform. A. C. Sewall. 2,204,159; June 11.
Shoe, Antislipping. J. J. Fritz. 2,189,489; Feb. 6.
Shoe, Arch supporting. H. P. Gould. 2,188,182; Jan. 23.
Shoe, Athletic. I. Shapiro. 2,203,929; June 11.
Shoe attachment. C. A. Cavey, H. M. Copin, A. V. Hill, and H. C. Hunt. 2,191,442; Feb. 27.
Shoe-bottom-coating machine. W. L. MacKenzie. 2,195,416; Apr. 2.
Shoe, Built-up. J. Burger. 2,194,637; Mar. 26.
Shoe channel cementing machine. J. Barbati. 2,208,694; July 23.
Shoe, Child's. L. J. Golden and P. Aronov. 2,199,338; Apr. 30.
Shoe clamp. F. L. Brandt. 2,221,859; Nov. 19.
Shoe clip. W. H. Nutt. 2,223,457; Dec. 3.
Shoe construction. F. Allen and G. Clausing. 2,219,464; Oct. 29.
Shoe construction. A. L. Eich. 2,210,332; Aug. 6.
Shoe construction. W. H. Joyce, Jr. 2,199,853; May 7.
Shoe construction. J. Lawandus. 2,188,225; Jan. 23.
Shoe construction. D. E. Levin and J. W. McGee. 2,200,068; May 7.
Shoe construction and making same. J. F. Marshall. 2,200,579; May 14.
Shoe conveyer jack. A. A. Steinhilber. 2,209,425; July 30.
Shoe, Corrective. I. Sabel and L. S. Macdonald. 2,216,630; Oct. 1.
Shoe counter. A. C. Sewall. 2,212,887; Aug. 27.
Shoe covering. J. B. Francis. 2,203,429; June 4.
Shoe, Cushion sole. H. G. Lumbard. Re. 21,656; Dec. 10.
Shoe, Detorsion. E. Lattemann. 2,190,568; Feb. 13.
Shoe-display stand. F. Hoffmann. 2,212,602; Aug. 27.
Shoe, Extension. A. and B. G. Pecorella. 2,223,384; Dec. 3.
Shoe filler. O. Boivin. 2,224,590; Dec. 10.
Shoe filler composition and making. E. D. Sackett. 2,192,934; Mar. 12.
Shoe finisher machine. G. C. Bennett. 2,217,095; Oct. 8.
Shoe, Flexible metal. G. Krasnosky. 2,227,352; Dec. 31.
Shoe guide, Parallel. C. D. Brown. 2,224,096; Dec. 3.
Shoe heel and shank. S. Caplan. 2,192,026; Feb. 27.
Shoe heeling machine. W. Aeschbach and A. C. Ray. 2,193,084; Mar. 12.
Shoe heels, Manufacture of. T. B. Clarke. 2,187,825; Jan. 23.
Shoe heels, Top lift for. J. E. Aeh. 2,195,352; Mar. 26.
Shoe, Height increasing. A. Erich. 2,200,493; May 14.

Shoe holder. T. H. O'Neill. 2,214,085; Sept. 10.
Shoe holder. R. G. Reiter and O. P. Frilseth. 2,187,663; Jan. 16.
Shoehorn. Powder dispensing. J. J. McDermott. 2,223,076; Nov. 26.
Shoe, Ice skating. S. Wold. 2,219,123; Oct. 22.
Shoe jack. E. I. LaChapelle. 2,191,079; Feb. 20.
Shoe, Knee. J. Johnson. 2,195,817; Apr. 2.
Shoelace. D. B. McDonald. 2,188,841; Jan. 30.
Shoelace fastener. C. J. Rio. 2,199,758; May 7.
Shoe, Lady's. J. C. Pape. 2,210,841; Aug. 6.
Shoe, Lady's. S. Troy. 2,208,822; July 23.
Shoe lasting. S. Azzara. 2,203,247; June 4.
Shoe machine. E. A. Holmgren. 2,202,005; May 28.
Shoe machine. A. R. Morrill. 2,186,592; Jan. 9.
Shoe machine and method. K. Engel. 2,198,866; Apr. 30.
Shoemaker's clamp. R. A. Simpson. 2,185,358; Jan. 2.
Shoemaker's tool. F. Garzilli and C. Fusco. 2,223,064; Nov. 26.
Shoemaking. P. Brauner. 2,224,213; Dec. 10.
Shoemaking. M. E. Duckoff. 2,211,056; Aug. 13.
Shoemaking. H. G. Lumbard. 2,211,509; Aug. 13.
Shoe making. F. Maccarone. 2,226,380; Dec. 24.
Shoemaking. E. F. Mathews. 2,198,917; Apr. 30.
Shoemaking. K. A. Stritter. 2,200,401; May 14.
Shoemaking. K. A. Stritter. 2,220,555; Nov. 5.
Shoemaking. E. W. Wilkinson and G. D. Hurd. 2,208,531; July 16.
Shoemaking means. J. Fausse. 2,226,758; Dec. 31.
Shoemaking method. F. L. Ayers. 2,197,777; Apr. 23.
Shoemaking method. W. P. Field. 2,210,753; Aug. 6.
Shoemaking method. G. E. Musebeck. 2,223,121; Nov. 26.
Shoe manufacture. D. I. Haskell. 2,185,993–5; Jan. 2.
Shoe of elastic material. R. Gruensfelder and E. C. Neunuebel. 2,205,356; June 18.
Shoe or like rack. H. N. Gyldenvand. 2,213,838; Sept. 3.
Shoe part and making the same. W. N. Bray. 2,221,860; Nov. 19.
Shoe parts, Method of and apparatus for ornamenting. B. W. Freeman. Re. 21,321; Jan. 16.
Shoe parts press. J. F. Smith. 2,224,612; Dec. 10.
Shoe pasting press. E. Priess. 2,193,520; Mar. 12.
Shoe press. O. Jacobus. 2,219,418; Oct. 29.
Shoe quarter, Integrated. B. F., L. L. and A. F. Hartwell. 2,217,274; Oct. 8.
Shoe rack. W. P. Crilly and R. J. Burke. 2,195,919; Apr. 2.
Shoe rack. C. H. Kramb. 2,205,817; June 25.
Shoe rack. J. R. Lentz. 2,205,099; June 18.
Shoe repairing machine. N. Jaffe. 2,201,899; May 21.
Shoe shank press. O. Jacobus. 2,219,419; Oct. 29.
Shoe sole. A. Di Mauro. 2,215,463; Sept. 24.
Shoe sole fitting machine. E. W. Stacey. 2,219,341; Oct. 29.
Shoe sole pounding machine. T. H. Seely. 2,222,785; Nov. 26.
Shoe sole protector. H. H. Fetterling and E. V. Simon. 2,207,091; July 9.
Shoe, Stature increasing. P. A. Messina. 2,212,613; Aug. 27.
Shoe stiffener. R. Almy. 2,216,580; Oct. 1.
Shoe stiffener. S. P. Lovell. 2,207,684; July 9.
Shoe stiffener and making the same. R. Almy. 2,216,581; Oct. 1.
Shoe stiffener blank and making the same. S. P. Lovell. 2,186,589; Jan. 9.
Shoe stiffeners, Making. R. Almy. 2,187,005; Jan. 16.
Shoe stretcher. F. N. Hall. 2,185,765; Jan. 2.
Shoestring fastener. C. J. Rio. 2,200,895; May 14.
Shoe stud. J. R. Bernstein. 2,207,476; July 9.
Shoe supporting jack. R. H. Lawson. 2,194,360; Mar. 19.
Shoe tongue. K. E. Post. 2,210,430; Aug. 6.
Shoetree. A. R. Anderson. 2,191,785; Feb. 27.
Shoetree. R. F. Hartner. 2,208,002; July 16.
Shoetree. R. M. Kristal. 2,226,565; Dec. 31.
Shoe tree. F. A. Lisi. 2,227,148; Dec. 31.
Shoe tree. J. W. Loney. 2,203,792; June 11.
Shoe tree or form. J. B. Mutch. 2,215,835; Sept. 24.
Shoetree, Ventilated. P. S. Jones. 2,196,924; Apr. 9.
Shoe treeing and shaping machine. H. E. Dow and I. B. Andrews. 2,193,191; Mar. 12.
Shoe upper, Adjustable. M. Gilbert. 2,193,355; Mar. 12.
Shoe upper, Shaping a. M. L. Dodge. 2,197,208; Apr. 16.
Shoe uppers, Folding. L. G. and H. A. Vachon. 2,198,140; Apr. 23.
Shoe uppers, Method and machine for treating. E. I. La Chapelle. 2,193,197; Mar. 12.
Shoe uppers, Method of and apparatus for treating. M. L. Dodge. 2,211,054; Aug. 13.
Shoe uppers, Preparing prewelt. E. I. La Chapelle. 2,186,141; Jan. 9.
Shoe uppers, Treating. M. L. Dodge. 2,211,055; Aug. 13.
Shoe, Ventilated. A. Cyr. 2,195,397; Apr. 2.
Shoe, Ventilated. J. W. Meaker. 2,212,324; Aug. 20.
Shoe wear. J. Taaler. 2,207,306; July 9.
Shoe, Welt. H. D. Webb. 2,202,975; June 4.
Shoe with a device for preventing and treating flat-footedness. H. Ganzer. 2,204,410; June 11.
Shoe with detachable heel. E. H. Brunmark. 2,195,324; Mar. 26.
Shoe with elastic throat. B. Oliva. 2,195,320; Mar. 26.
Shoe, Woven. S. Hurwit. Re. 21,392; Mar. 12.
Shoes and boots, Device for drying the inside of. L. H. L. Tronstad. 2,210,862; Aug. 6.
Shoes, Apparatus for making. A. W. Dunn. 2,185,941; Jan. 2.
Shoes, Forming. O. A. Dehne. 2,194,693; Mar. 26.
Shoes having flexible foreparts, Manufacture of. M. Cuozzo. 2,216,159; Oct. 1.
Shoes, Lasting. H. C. King. 2,206,900; July 9.
Shoes, Making. J. A. Cordeau. 2,223,844; Dec. 3.
Shoes, Making. C. H. Daniels. 2,191,906; Feb. 27.
Shoes, Making. J. J. Dudenhofen. 2,196,856; Apr. 9.
Shoes, Making. K. Engel. 2,212,515; Aug. 27.
Shoes, Making. S. J. Finn. 2,197,928; Apr. 23.
Shoes, Making. J. B. Hadaway. 2,189,953; Feb. 13.
Shoes, Making. F. Maiellano. 2,188,512; Jan. 30.
Shoes, Making. W. T. B. Roberts. 2,192,274; Mar. 5.
Shoes, Manufacture of. A. W. and A. F. Donovan. 2,219,355; Oct. 29.
Shoes, Manufacture of. M. E. Duckoff. 2,195,482; Apr. 2.
Shoes, Manufacture of. F. A. Eich. 2,200,385; May 14.
Shoes, Manufacture of. R. E. Hopkins. 2,188,977; Feb. 6.
Shoes, Manufacture of J. S. Kamborian. 2,214,791; Sept. 17.
Shoes, Manufacture of. W. H. Mansfield. 2,212,612; Aug. 27.
Shoes, Manufacture of. J. Palmer. 2,217,767; Oct. 15.
Shoes, Manufacture of. E. T. Petit. 2,221,879; Nov. 19.
Shoes, Manufacture of. C. Roberts and J. B. Hadaway. 2,200,375; May 14.
Shoes, Manufacture of. E. H. Woodberry. 2,206,275; July 2.
Shoes, Manufacture of thick-soled or platform. F. L. Ayers. 2,199,868; May 7.
Shoes, Manufacture of welt. K. Engel. 2,204,669; June 18.
Shoes, Method for use in manufacturing. F. S. Sherman. 2,198,707; Apr. 30.
Shoes, Method for use in the manufacture of. A. R. Schoenky. 2,206,129; July 2.
Shoes, Method of and apparatus for lasting. A. Kamborian. 2,210,586; Aug. 6.
Shoes, Method of and apparatus for pounding. S. J. Finn. 2,196,204; Apr. 9.
Shoes, Method of and apparatus for use in making. A. W. Donovan. 2,195,107; Mar. 26.
Shoes, Method of and machine for treating. A. C. Smith and R. H. Weller. 2,197,902; Apr. 23.
Shooting implement. F. M. New. 2,212,257; Aug. 20.
Shopping bag. J. O'Meara. 2,212,790; Aug. 27.
Shore. H. J. Baker. 2,199,605; May 7.
Short circuiting device. R. B. Cummins. 2,216,068; Sept. 24.
Short wall carrier. W. E. Turner. 2,227,330; Dec. 31.
Short wave apparatus. F. Herriger. 2,223,851; Dec. 3.
Short wave apparatus, Ultra. H. O. Peterson. 2,201,199; May 21.
Short wave device, Ultra. W. C. Hahn. 2,190,515; Feb. 13.
Short wave device, Ultra. E. D. McArthur. 2,200,962; May 14.
Short wave device, Ultra. H. L. Thorson. 2,220,556; Nov. 5.
Short wave generator. A. Helbig. 2,189,501; Feb. 6.
Short wave receiver, Ultra. B. Trevor. 2,202,035; May 28.
Short-wave resonant circuit. H. E. Hollmann. 2,205,852; June 25.
Short wave system, Ultra. J. M. Cage. 2,190,511; Feb. 13.
Short wave system, Ultra. G. L. Usselman and C. W. Hansell 2,218,223; Oct. 15.
Short wave tuning. W. Buschbeck and H. J. R. von Baeyer. 2,222,169; Nov. 19.
Shortening. H. Schou. 2,220,976; Nov. 12.
Shortening. B. H. Thurman. 2,201,063; May 14.
Shortening and producing the same. T. M. Godfrey and V. Serbell. 2,223,724; Dec. 3.
Shortening, Stabilization of. D. P. Grettie. 2,201,692; May 21.
Shorting device. N. N. Okun. 2,206,045; July 2.
Shorts. C. M. Davis. 2,214,578; Sept. 10.
Shorts. H. D. Konski. 2,200,090; May 7.
Shorts. J. B. Stovall. 2,202,608; May 28.
Shorts, Man's. H. Zoob. 2,216,897; Oct. 8.
Shorts, Men's. D. W. Katz. 2,191,169; Feb. 20.
Shot machine. W. J. Bullock. 2,224,424; Dec. 10.
Shoulder and sleeve construction for garments. H. A. Speh. 2,194,156; Mar. 19.
Shoulder for railroad tie plates, Combination. F. C. Stowell. 2,190,999; Feb. 20.
Shovel, Adjustable. C. I. Nelson. 2,221,219; Nov. 12.
Shovel, Drag. J. A. Kuhsel. 2,191,569; Feb. 27.
Shovel, Hydraulic. I. Peterson. 2,205,490; June 25.
Shovel, Land clearing and stripping. T. A. Johnson, C. G. R. McHardy, and J. Thompson. 2,195,007; Mar. 26.
Shovel, Power. C. E. Stiehl. Re. 21,405; Mar. 19.
Shoveling machine. E. B. Royle. 2,205,732; June 25.
Show case. H. E. Young. 2,214,239; Sept. 10.

Showcase, Candy. R. E. Young. 2,207,472; July 9.
Showcase construction. A. Vanderveld. 2,186,278; Jan. 9.
Showcase, Display. L. N. Lucas. 2,201,696; May 21.
Shower connecting apparatus. B. S. Michelson. 2,219,394; Oct. 29.
Shower curtain holder. J. Sherman. 2,188,163; Jan. 23.
Shower head. L. Bruzaud. 2,199,478; May 7.
Shredder attachment for threshing machines, Straw. A. Ebersol. 2,213,906; Sept. 3.
Shredder for woven fabrics. R. E. Howe. 2,222,799; Nov. 26.
Shredder, Fruit and vegetable. H. J. Crawford. 2,214,075; Sept. 10.
Shredding machine. B. V. Edwards. 2,202,843; June 4.
Shroud, Turbine blade. J. C. Bohan. 2,197,335; Apr. 16.
Shrub cutter. J. J. Zimmerman. 2,212,430; Aug. 20.
Shuffleboard, Table. J. S. Popper. 2,207,550; July 9.
Shunt trip overload protective system. P. McShane. 2,189,591; Feb. 6.
Shunt wire fastener. A. B. Weeks. 2,199,532; May 7.
Shut-off and regulator for ovens, Combination. W. K. Stafford and F. W. Anderson. 2,188,088; Jan. 23.
Shutoff connection. L. E. Pitner. 2,211,759; Aug. 20.
Shut-off device, Sprinkler head. A. A. Poch. 2,189,523; Feb. 6.
Shut-off valve. J. J. Maxon. 2,223,292; Nov. 26.
Shutoff valve, Automatic. J. T. Cronkhite. 2,210,751; Aug. 6.
Shut-off valve, Automatic. C. V. Lindley. 2,200,697; May 14.
Shutoff valve, Thermostatic. W. F. Jackson. 2,214,375; Sept. 10.
Shutter actuating means on the body of a folding camera. H. Nagel. 2,206,111; July 2.
Shutter and control therefor, Multispeed. J. Mihalyi. 2,186,614; Jan. 9.
Shutter, Auxiliary. H. W. Klas. 2,186,299; Jan. 9.
Shutter, Awning. L. M. Jones. 2,225,011; Dec. 17.
Shutter control for blinds. F. J. Kavanaugh. 2,209,568; July 30.
Shutter, Curtain. J. Mihalyi. 2,203,657; June 4.
Shutter, Focal plane. O. Wittel. 2,206,144; July 2.
Shutter for dispensing pumps. W. L. Marden. 2,191,892; Feb. 27.
Shutter for motion picture projectors. E. H. Michaelson. 2,204,864; June 18.
Shutter for photographic apparatus. H. Junghans. 2,198,729; Apr. 30.
Shutter for photographic cameras. H. Nerwin. 2,223,965; Dec. 3.
Shutter for X-ray apparatus and the like. W. H. Haupt, H. S. Ware, and C. Tietig. 2,224,077; Dec. 3.
Shutter, Ground noise reduction. H. J. Hasbrouck, Jr. 2,206,400; July 2.
Shutter housing for motion picture projectors, Rear. J. A. Krulish. 2,211,830; Aug. 20.
Shutter mechanism. E. Leitz, Jr. 2,192,500; Mar. 5.
Shutter mechanism. F. X. Speiser and W. Albert. 2,211,867; Aug. 20.
Shutter mechanism for cameras. J. Galter. 2,206,532; July 2.
Shutter of variable aperture type, Focal plane. E. S. Hineline. 2,195,330; Mar. 26.
Shutter on Venetian blinds, Ventilating. N. Nishlenick. 2,188,300; Jan. 30.
Shutter operating mechanism. D. H. Stewart. 2,211,356; Aug. 13.
Shutter, Photographic. D. H. Stewart. 2,211,355; Aug. 13.
Shutter unit, Thermostatically actuated. R. F. Cohn. 2,201,661; May 21.
Shuttering device for the building of ferroconcrete structures. M. McAlpine. 2,185,860; Jan. 2.
Shuttering for molding walls in situ. J. L. Whatling. 2,206,493; July 2.
Shutterless wire mesh loom. F. Von Holtz. 2,220,924; Nov. 12.
Shuttle. H. A. Billings. 2,225,245; Dec. 17.
Shuttle. H. H. Burdett. 2,200,213; May 7.
Shuttle. W. E. Jennings. 2,200,843; May 14.
Shuttle. L. Pavia. 2,224,002; Dec. 3.
Shuttle. S. Wood. 2,205,612; June 25.
Shuttle car. J. D. Russell. 2,192,650; Mar. 5.
Shuttle carriage mechanism, Automatic. E. L. Wise. 2,210,558; Aug. 6.
Shuttlecock. A. M. Timpé. 2,217,032; Oct. 8.
Shuttlecock and making the same. A. T. Saunders. 2,212,079; Aug. 20.
Shuttle drive for circular looms, Mechanical. O. Schwichtenberg. 2,185,446; Jan. 2.
Shuttle driving mechanism for looms. G. Crompton, Jr. 2,202,574; May 28.
Shuttle for badminton and the like. R. T. Collier. 2,192,180; Mar. 5.
Shuttle for circular looms. F. S. Hardy. 2,206,952; July 9.
Shuttle for game of badminton. A. E. Ushakoff. 2,218,593; Oct. 22.
Shuttle for looms. W. E. Burcham and G. R. Hall. 2,198,024; Apr. 23.
Shuttle, Knitting. R. E. Sherman. 2,226,982; Dec. 31.
Shuttle, Loom. D. S. Reid. 2,192,481; Mar. 5.
Shuttle mechanism. A. F. Carlson. 2,219,470; Oct. 29.
Shuttle mechanism. J. P. Putnam. 2,218,770; Oct. 22.
Shuttle motion, Magnetic. K. T. Gröndahl. 2,203,568; June 4.
Shuttle retainer or check, Loom. N. Lamarche. 2,211,276; Aug. 13.
Shuttle stopping device, Electromagnetic. B. W. Jones. 2,205,900; June 25.
Shuttle with yielding cop engaging side member. W. M. Thomson. 2,191,242; Feb. 20.
Shuttleless loom. E. Nadeau. 2,226,069; Dec. 24.
Shuttleless loom. T. Vorck. 2,208,886; July 23.
Sickle device. S. V. Maninger. 2,199,642; May 7.
Sickle holding and sharpening machine. H. T. Waddill. 2,188,616; Jan. 30.
Side bearing. D. S. Barrows. 2,197,783; Apr. 23.
Side dump vehicle. C. G. Eisenberg, Jr. 2,194,068; Mar. 19.
Side frame. D. M. Light. 2,222,484; Nov. 19.
Side frame and journal box. D. S. Barrows. 2,209,488; July 30.
Side plate construction for freight cars. G. G. Gilpin. 2,225,170; Dec. 17.
Siderite, Treating. A. T. Stuart. 2,197,085; Apr. 16.
Siding cutter. W. J. West. 2,214,870; Sept. 17.
Siding for buildings. A. E. Stolze. 2,198,466; Apr. 23.
Siding for silos, Metal. P. Rutten. 2,187,282; Jan. 16.
Siding material. G. J. Snyder. 2,214,387; Sept. 10.
Siding material, Flexible. L. Herscovitz. 2,218,791; Oct. 22.
Siding unit. F. P. Goldschmidt, Sr. 2,221,475; Nov. 12.
Siding unit and assembly. W. G. Sullivan and J. W. Stove. 2,226,265; Dec. 24.
Sieve, Drum. A. Kufferath. 2,193,006; Mar. 12.
Sieve, Grain. A. Evenson. 2,201,083; May 14.
Sifter. T. G. Cecka. 2,191,923; Feb. 27.
Sifter. C. L. Reimuller and E. G. Berry. 2,213,050; Aug. 27.
Sifter, Flour. T. Bailey. 2,204,920; June 18.
Sifter, Flour. G. Nakahiro. 2,211,907; Aug. 20.
Sifter, Flour. C. J. Repath and B. M. Caister. 2,213,719; Sept. 3.
Sifter top container. E. J. Perry. 2,190,676; Feb. 20.
Sight for firearms. N. L. Brewer. 2,190,500; Feb. 13.
Sight for firearms, Adjustable. E. S. Pomeroy. 2,187,096; Jan. 16.
Sight mounting for firearms, Telescope. G. N. Albree. 2,200,869; May 14.
Sight testing apparatus. R. E. Reason. 2,192,385; Mar. 5.
Sighting apparatus for use on aircraft. E. C. Horsley. 2,185,633; Jan. 2.
Sighting device. G. L. Estoppey. 2,194,141; Mar. 19.
Sighting device for firearms, Night. J. F. Key. 2,209,524; July 30.
Sighting means for suction cleaners. P. A. Cullman. 2,208,523; July 16.

Sign: *See*—
- Changeable sign.
- Display sign.
- Edge lighted sign.
- Electric sign.
- Gaseous tube sign.
- Illuminated advertising sign.
- Illuminated number sign.
- Illuminated sign.
- Luminous sign.
- Mirror sign.
- Reflecting sign.
- Swinging sign.
- Wall sign.

Sign. H. N. Carver. 2,193,057–8; Mar. 12.
Sign. H. N. Carver. 2,193,507; Mar. 12.
Sign. W. H. Cooke. 2,194,010; Mar. 19.
Sign. L. E. Cunningham. 2,196,105; Apr. 2.
Sign. D. N. Estes. 2,196,200; Apr. 9.
Sign. R. A. Gray. 2,215,550; Sept. 24.
Sign. A. N. Lucian. 2,213,868; Sept. 3.
Sign. I. V. Mansell. 2,186,982; Jan. 16.
Sign. A. Metreger. 2,192,163; Feb. 27.
Sign and lamp guard, Combination street. F. M. Currie, Jr. 2,187,771; Jan. 23.
Sign and price card holder, Combined. W. A. Robinson. 2,218,438; Oct. 15.
Sign and sign character. G. A. Auer. 2,202,888; June 4.
Sign apparatus. G. H. Evans. 2,199,308; Apr. 30.
Sign box. K. C. Porter. 2,212,454; Aug. 20.
Sign construction. L. W. Joyce. 2,188,437; Jan. 30.
Sign element and manufacture. E. L. Register. 2,211,-937; Aug. 20.
Sign for automobiles, Advertising. J. G. Theriault. 2,201,002; May 14.
Sign for removable letters. Illuminated. B. B. Poblocki. 2,191,353; Feb. 20.
Sign holder. T. T. Stack. 2,198,184; Apr. 23.
Sign holder, Adjustable. C. A. Keller and W. R. Doyle. 2,214,302; Sept. 10.
Sign making outfit and welder. H. Alexander. 2,196,514; Apr. 9.
Sign mounting. R. F. Sullivan. 2,202,237; May 28.
Sign projection apparatus. M. H. Goldberg. 2,222,837; Nov. 26.
Sign system, Electric. J. A. Reid. 2,221,109; Nov. 12.
Signs, Hanging type of edge illuminated. T. J. D. Fuller, Jr. 2,206,866; July 9.

Signal: *See*—
- Audible signal.
- Automobile directional signal.
- Automobile signal.
- Automobile stop signal.
- Automobile turning signal.
- Automotive signal.
- Chime signal.
- Cleaner nozzle adjustment signal.
- Crossing signal.
- Direction signal.
- Directional signal.
- File signal.
- Hand signal.
- Headlight signal.
- Light signal.
- Lighting signal.
- Mailbox signal.
- Railroad crossing and danger signal.
- Railway crossing signal.
- Reflector signal.
- Road signal.
- Stop and turn signal.
- Stop signal.
- Tactual signal.
- Temperature warning signal.
- Tire pressure signal
- Traffic light signal.
- Traffic signal.
- Turn signal.
- Vehicle actuated traffic signal.
- Vehicle direction signal.
- Vehicle signal.
- Warning and indicating signal.
- Warning signal.

Signal. P. H. Chase. 2,213,834; Sept. 3.
Signal. J. H. Ishmael. 2,189,362; Feb. 6.
Signal. L. R. Mann. 2,214,473; Sept. 10.
Signal. T. S. Thompson. 2,193,747; Mar. 12.
Signal actuating device. A. E. Lange. 2,193,136; Mar. 12.
Signal adjustment, Sounding. J. White and R. Bertsche, Jr. 2,227,289; Dec. 34.
Signal and alarm system, Watchman's. H. Machinist. 2,220,936; Nov. 12.
Signal and control system, Elevator. H. W. Williams and E. M. Bouton. 2,193,609; Mar. 12.
Signal and control system, Railway. R. Linstra. 2,214,795; Sept. 17.
Signal and indicator for record sheets. A. I. Appleton. 2,210,746; Aug. 6.
Signal apparatus. W. E. Bolling. 2,196,545; Apr. 9.
Signal apparatus. J. J. Lipp. 2,208,297; July 16.
Signal apparatus, Bicycle stop. H. R. Johnston. 2,222,075; Nov. 19.
Signal apparatus for roadways. J. Spake. 2,224,491; Dec. 10.
Signal apparatus, Turn. V. Geisheimer. 2,195,776; Apr. 2.
Signal carrier indicator, Visual. E. I. Anderson. 2,194,516; Mar. 26.
Signal control switch, Railway. A. Brown. 2,189,879; Feb. 13.
Signal control system, Track. S. E. McFarland. 2,186,201; Jan. 9.
Signal control variable impedance for suppressing static. P. M. Haffcke. 2,209,330; July 30.
Signal controlled switching circuits in telephone systems. L. Schott. 2,212,960; Aug. 27.
Signal controlling means. R. E. Frost. 2,191,563; Feb. 27.
Signal coupling network. D. E. Foster. 2,189,063; Feb. 6.
Signal-deriving circuit. F. J. Bingley. 2,226,459; Dec. 24.
Signal device. F. C. Best. 2,221,178; Nov. 12.
Signal device. K. M. Lord and G. E. Warren. 2,194,507; Mar. 26.
Signal device. H. F. Obergfell. 2,217,073; Oct. 8.
Signal device. L. Rittenhouse. 2,189,181; Feb. 6.
Signal device. J. G. Steiss. 2,227,328; Dec. 31.
Signal device. F. A. Swanson. 2,220,979; Nov. 12.
Signal device. C. F. Wallace and J. R. MacKay. 2,195,374; Mar. 26.
Signal device, Automatic traffic. E. Schnurpfeil. 2,201,795; May 21.
Signal device, Direction of turn. J. I. Levine. 2,209,780; July 30.
Signal device, Electropneumatic. R. R. Stevens. 2,191,825; Feb. 27.
Signal device for automobiles, Curb clearance. J. E. Kernodle and J. L. Grisham. 2,208,697; July 23.
Signal device for motor vehicles, Directional. E. T. Condon. 2,190,861; Feb. 20.
Signal device for phonographs. J. E. Renholdt. 2,197,572; Apr. 16, 1940.
Signal device for toy railways, Electric. W. R. Smith. 2,218,074; Oct. 15.
Signal device for vehicles. L. E. Geyer. 2,222,765; Nov. 26.
Signal device for vehicles. B. Peyton. 2,204,027; June 11.
Signal device, Reflector. A. C. de Hoffmann. 2,226,159; Dec. 24.
Signal device, Vehicle. W. L. Keller. 2,199,136; Apr. 30.
Signal distribution, Staggered frequency. R. C. Curtis. 2,188,499; Jan. 30.
Signal equipment, Service. S. A. Huebner. 2,188,948; Feb. 6.
Signal for automobiles, Automatic direction. S. H. Williams. 2,202,241; May 28.
Signal for automobiles, Direction. L. L. Patterson. 2,193,255; Mar. 12.
Signal for automobiles, Turn. W. L. Westlund. 2,201,657; May 21.
Signal for bowling alleys, Foul line. W. G. Jackson. 2,211,268; Aug. 13.
Signal for liquid dispensing apparatus. M. O. Trudeau. 2,191,262; Feb. 20.
Signal for motor vehicles, Directional. E. T. Condon. 2,190,862; Feb. 20.
Signal for pneumatic tires, Pressure gauge. F. Budd. 2,206,158; July 2.
Signal for railways and the like, Light. R. M. MacGregor. 2,197,700; Apr. 16.
Signal-generating tube, Cathode-ray. R. C. Hergenrother. 2,192,971; Mar. 12.
Signal generation system, Synchronizing. K. Schlesinger. 2,227,012; Dec. 31.
Signal generator. C. J. Fitch. 2,195,853; Apr. 2.
Signal generator, Ultra high frequency. R. W. George. 2,204,179; June 11.
Signal lamp. J. D. Kennelly. 2,221,483; Nov. 12.
Signal lamp bracket. W. Trautner. 2,188,067; Jan. 23.
Signal light. C. M. Bolser. 2,204,525; June 11.
Signal light switch. L. Mayer. 2,205,664; June 25.
Signal means for automotive vehicles, Directional. F. A. Stafford. 2,211,441; Aug. 13.
Signal means for compressed fluid delivering apparatus. M. Horn and J. Ross. 2,200,113; May 7.
Signal means usable by golf players. T. J. Roberts. 2,191,683; Feb. 27.
Signal measuring system. S. B. Hughes. 2,189,111; Feb. 6.
Signal measuring system. J. J. Schluter. 2,189,119; Feb. 6.
Signal operator, Safety. E. E. Hanson. 2,191,381; Feb. 20.
Signal receiver for carrier wave systems. T. S. Skillman. 2,210,957; Aug. 13.
Signal receiving system. J. F. Byrne. 2,193,801; Mar. 19.
Signal receiving system. W. La V. Carlson. 2,202,141; May 28.
Signal receiving system. I. J. Kaar. 2,207,587; July 9.
Signal receiving system, Superheterodyne. P. D. Lowell. 2,186,980; Jan. 16.
Signal rectifier circuit, Voltage doubling. D. G. Burnside. 2,222,759; Nov. 26.
Signal repeating means, Electrical. E. E. Kleinschmidt and D. S. Hulfish. 2,198,344; Apr. 23.
Signal responsive control system, High frequency. G. L. Beers. 2,203,857; June 11.
Signal structure. A. Hallman. 2,205,169; June 18.
Signal switch, Bicycle. R. B. Williams. 2,198,144; Apr. 23.
Signal switch, Foot operated. E. Marsom and J. A. Wells. 2,209,575; July 30.
Signal switch, Railway crossing. G. Zint. 2,200,570; May 14.
Signal switch, Unitary. H. E. Metcalf. 2,204,096; June 11.
Signal system. W. P. Place. 2,197,414–16; Apr. 16.
Signal system. N. F. Shofstall. 2,195,290; Mar. 26.
Signal system, Electrically operated. A. V. McFerron. 2,224,548; Dec. 10.
Signal system for motor-driven vehicles. G. W. Brudderick. 2,207,114; July 9.
Signal system for vehicles. H. J. Murray. 2,206,199; July 2.
Signal system, Telephone. L. E. Adler. Re. 21,659; Dec. 17.
Signal system, Traffic. J. N. Paul. 2,199,574; May 7.
Signal system, Vehicle. H. J. Murray. 2,196,705; Apr. 9.
Signal system, Vehicle. B. L. Parker. 2,201,687; May 21.
Signal translating apparatus. E. W. Kellogg. 2,197,050; Apr. 16.
Signal translating apparatus. F. Massa. 2,214,591, Sept. 10.
Signal translating apparatus. W. D. Phelps. 2,200,097; May 7.
Signal translating apparatus, Electrical. E. C. Guedon. 2,203,820; June 11.
Signal-translating circuit. H. A. Wheeler. 2,206,989; July 9.
Signal-translating stage. J. F. Farrington. 2,209,394; July 30.
Signal-translating stage, High frequency. R. L. Freeman. 2,188,504; Jan. 30.
Signal-translating system. L. M. Hershey. 2,188,658; Jan 30.
Signal-translating system, Modulated-carrier. H. M. Lewis. 2,187,978; Jan. 23.
Signal translation, Method and apparatus for. P. C. Goldmark. 2,203,353; June 4.
Signal transmission system. J. H. Bollman. 2,213,037; Aug. 27.
Signal transmission system. I. G. Wilson. 2,208,617; July 23.
Signal transmitter, Synchronization. K. Schlesinger. 2,185,445; Jan. 2.
Signal transmitting and receiving system. W. R. Koch. 2,189,316; Feb. 6.
Signal transmitting apparatus. L. Girardin. 2,189,171; Feb. 6.
Signal transmitting apparatus. E. C. Guedon. 2,192,998; Mar. 12.
Signal transmitting means. C. J. Fitch and K. R. Schneider. 2,195,854; Apr. 2.
Signal wave modulation. W. R. Bennett. 2,185,684; Jan. 2.

Signaling and alarm device. H. Reichert. 2,187,628; Jan. 16.
Signaling and illuminating means for motor vehicles. E. J. Thurber. 2,218,442; Oct. 15.
Signaling and switching device, Nonsparking electromagnetic. E. T. Burton and A. M. Curtis. 2,199,909; May 7.
Signaling and telephone system, Apartment house. C. Auth. 2,193,505; Mar. 12.
Signaling apparatus. N. F. Agnew. 2,206,556; July 2.
Signaling apparatus. J. C. Cain and H. F. Dent. 2,221,229; Nov. 12.
Signaling apparatus. R. S. Edwards. 2,205,189; June 18.
Signaling apparatus. R. S. Edwards. 2,206,837; July 2.
Signaling apparatus. J. A. Hassan. 2,198,112; Apr. 23.
Signaling apparatus. F. A. Larson. 2,197,553; Apr. 16.
Signaling apparatus. H.-O. Roosenstein and M. Geiger. 2,194,456; Mar. 19.
Signaling apparatus, Automatic. H. E. Marsh and G. Smith. 2,188,055; Jan. 23.
Signaling apparatus, Electric. P. P. Horni. 2,210,620; Aug. 6.
Signaling apparatus, Railway. P. H. Crago. 2,186,800; Jan. 9.
Signaling apparatus, Railway. C. M. Hines. 2,215,820; Sept. 24.
Signaling apparatus, Railway. O. M. Jensen. 2,220,484; Nov. 5.
Signaling apparatus, Railway. P. N. Martin. 2,199,957; May 7.
Signaling apparatus, Railway. F. H. Nicholson. 2,200,188; May 7.
Signaling apparatus, Railway. B. E. O'Hagan. 2,215,821–2; Sept. 24.
Signaling apparatus, Railway. B. E. O'Hagan. 2,216,623; Oct. 1.
Signaling apparatus, Railway. J. M. Pelikan. 2,207,108; July 9.
Signaling apparatus, Railway. W. P. Place and A. J. Sorensen. 2,206,578; July 2.
Signaling apparatus, Railway. A. J. Sorensen. 2,217,528; Oct. 8.
Signaling apparatus, Railway. A. J. Sorensen. 2,222,804; Nov. 26.
Signaling apparatus, Railway. C. E. Staples and H. E. Ashworth. 2,223,078; Nov. 26.
Signaling apparatus, Railway. H. G. Witmer. 2,211,190; Aug. 13.
Signaling apparatus, Time period indicating traffic. G. A. Werling. 2,225,577; Dec. 17.
Signaling by phase discrimination, Multiplex. E. Peterson. 2,213,941; Sept. 3.
Signaling cable, High frequency. F. Unterbusch. 2,189,090; Feb. 6.
Signaling circuit. A. A. Linsell. 2,226,230; Dec. 24.
Signaling circuit. H. O. Peterson and M. Katzin. 2,192,715; Mar. 5.
Signaling circuit. R. Urtel. 2,205,504; June 25.
Signaling device. M. S. Book. 2,194,818; Mar. 26.
Signaling device. T. E. Brandon. 2,191,247; Feb. 20.
Signaling device. E. L. Bushey. 2,195,692; Apr. 2.
Signaling device. H. N. Carver. 2,220,953; Nov. 12.
Signaling device. R. S. Edwards. 2,225,558; Dec. 17.
Signaling device. P. J. Gilinson. 2,213,493; Sept. 3.
Signaling device. W. W. Hoffman. 2,196,113; Apr. 2.
Signaling device. R. E. Kathriner. 2,188,224; Jan. 23.
Signaling device. C. H. Scott. 2,215,378; Sept. 17.
Signaling device, Automobile. H. G. Frank. 2,211,264; Aug. 13.
Signaling device, Automobile. T. Inaki. 2,225,221; Dec. 17.
Signaling device, Collision and theft. S. H. Jones. 2,207,406; July 9.
Signaling device for announcing pressure loss in pneumatic tires. J. Hoschek. 2,213,781; Sept. 3.
Signaling device for motor vehicles. R. E. Kathriner. 2,210,980; Aug. 13.
Signaling device for motor vehicles. R. H. Worrall. 2,219,351; Oct. 29.
Signaling device for use with tanks, Audible. F. P. Scully and A. E. Mathey. 2,227,322; Dec. 31.
Signaling device, Inflation. E. W. Griffith. 2,190,117; Feb. 13.
Signaling, Directive. W. van B. Roberts. 2,204,052; June 11.
Signaling, Directive. W. van B. Roberts. 2,208,733; July 23.
Signaling means for vehicles, Turn. H. M. Farrand. 2,210,619; Aug. 6.
Signaling means, Safety. C. H. Hobson. 2,199,996; May 7.
Signaling method and apparatus. A. G. Cooley. 2,212,808; Aug. 27.
Signaling, Short wave. N. E. Lindenblad. Re. 21,590; Oct. 1.
Signaling, supervising, and recording system, Electric. J. R. Harrington. 2,202,853; June 4.
Signaling system. A. D. Blumlein. 2,212,558; Aug. 27.
Signaling system. H. P. Boswau. 2,198,901; Apr. 30.
Signaling system. D. E. Branson and E. J. Watson. 2,192,961; Mar. 12.
Signaling system. F. R. Bridges. 2,199,279; Apr. 30.
Signaling system. F. R. Bridges. 2,201,712; May 21.
Signaling system. G. A. Culbertson. 2,216,610; Oct. 1.
Signaling system. C. R. Doty. 2,217,161; Oct. 8.
Signaling system. C. J. Fitch. 2,195,855–7; Apr. 2.
Signaling system. C. J. Fitch. 2,209,395; July 30.
Signaling system. C. J. Fitch. 2,210,574–7; Aug. 6.
Signaling system. C. J. Fitch. 2,213,563; Sept. 3.
Signaling system. M. Geiger. 2,203,865; June 11.
Signaling system. H. J. Graham. 2,223,868; Dec. 3.
Signaling system. M. E. Griffins. 2,211,111; Aug. 13.
Signaling system. C. D. Hanscom. 2,224,677; Dec. 10.
Signaling system. C. W. Hansell. 2,190,782; Feb. 20.
Signaling system. F. S. Kinkead. 2,185,851; Jan. 2.
Signaling system. F. S. Kinkead. 2,199,824; May 7.
Signaling system. C. E. Lomax. 2,218,848; Oct. 22.
Signaling system. C. E. Lomax and C. F. Ffolliott. 2,195,627; Apr. 2.
Signaling system. J. A. Miller. 2,210,423; Aug. 6.
Signaling system. W. S. Percival. 2,219,936; Oct. 29.
Signaling system. W. S. Percival. 2,227,197; Dec. 31.
Signaling system. W. P. Place. 2,197,417; Apr. 16.
Signaling system. A. F. Price. 2,217,769; Oct. 15.
Signaling system. L. C. Roberts. 2,225,887; Dec. 24.
Signaling system. H. O. Roosenstein. 2,227,108; Dec. 31.
Signaling system. N. M. Rust. 2,200,725; May 14.
Signaling system. N. F. Shofstall. 2,223,188; Nov. 26.
Signaling system. L. M. Simpson. 2,194,057; Mar. 19.
Signaling system. V. P. Thorp. 2,187,104; Jan. 16.
Signaling system. R. Urtel. 2,204,058; June 11.
Signaling system. G. S. Vernam and R. S. Wishart. 2,190,301; Feb. 13.
Signaling system and apparatus. R. F. Blanchard, W. B. Blanton, and H. L. Browne. 2,193,811; Mar. 19.
Signaling system and apparatus. V. W. Leonard. Re. 21,635; Nov. 26.
Signaling system and apparatus. V. W. Leonard. 2,194,310; Mar. 19.
Signaling system and apparatus therefor. R. F. Dirkes, R. Hoover, and E. R. Wheeler. 2,193,809; Mar. 19.
Signaling system and apparatus therefor. P. P. Horni. 2,197,408; Apr. 16.
Signaling system and apparatus therefor. S. Morton. 2,200,802; May 14.
Signaling system, Automatic railway. M. T. Wintsch. 2,188,991; Feb. 6.
Signaling system, Electric. P. P. Horni. 2,210,621; Aug. 6.
Signaling system, Electrical. C. E. Beale. 2,194,063; Mar. 19.
Signaling system, Electrical. R. M. Hopkins. 2,220,371; Nov. 5.
Signaling system, Electrical high frequency. E. C. Cork and J. L. Pawsey. 2,188,389; Jan. 30.
Signaling system, Electrical high frequency. E. C. Cork and J. L. Pawsey. 2,195,717; Apr. 2.
Signaling system, Fire alarm. P. P. Horni. 2,192,576; Mar. 5.
Signaling system for automotive vehicles. S. F. Arbuckle, G. H. Coulter, and C. E. Godley. 2,186,000; Jan. 9.
Signaling system for night landing of aircraft. M. Piacentini. 2,221,606; Nov. 12.
Signaling system for railroads. J. E. Willing. 2,201,018; May 14.
Signaling system for toy railroads. P. C. Bagnasco. 2,210,747; Aug. 6.
Signaling system for vehicles. C. E. Bartens. 2,188,451; Jan. 30.
Signaling system, Frequency modulation. E. H. Armstrong. Re. 21,660; Dec. 17.
Signaling system, High frequency. E. C. Cork and J. L. Pawsey. 2,207,690; July 9.
Signaling system, Multiplex. P. Mertz. 2,185,693; Jan. 2.
Signaling system, Privacy. E. S. Purington. 2,204,050; June 11.
Signaling system, Railway. J. B. Griffiths. 2,225,473; Dec. 17.
Signaling system, Railway. J. B. Griffiths and A. Brown. 2,214,924; Sept. 17.
Signaling system, Railway. R. R. Kemmerer. 2,215,904; Sept. 24.
Signaling system, Railway. J. W. Logan, Jr. 2,193,906; Mar. 19.
Signaling system, Railway. H. S. Young. 2,206,555; July 2.
Signaling system, Railway. H. S. Young. 2,219,881; Oct. 29.
Signaling system, Traffic. C. E. Lomax. 2,214,199; Sept. 10.
Signaling system, Traffic. C. E. Lomax. 2,214,253; Sept. 10.
Signaling system, Traffic. R. A. McCann. 2,195,892; Apr. 2.
Signaling with phase discrimination, Multiplex. W. R. Bennett. 2,213,938; Sept. 3.
Signals electrically, Method and apparatus for recording. R. J. Wise. 2,205,450; June 25.
Signals having a direct current component, Transmission of electrical. A. D. Blumlein. 2,224,134; Dec. 10.
Signals, Receiving and transmitting. F. Klement. 2,197,867; Apr. 23.
Signals, Receiving high frequency. G. Guanella. 2,206,695; July 2.

Signals, System for transmitting electrical. J. L. Getaz. 2,207,794; July 16.
Signals with varying signal character, Emitting. E. R. Parsberg. 2,219,016–19; Oct. 22.
Signature feeding. P. Schweizer. 2,223,391; Dec. 3.
Signature identification for documents. J. J. Brady. 2,198,802; Apr. 30.
Silage, Device for distributing. L. B. Muraay. 2,209,842; July 30.
Silage spreader. A. W. Schurz. 2,193,145; Mar. 12.
Silencer. H. D. Smith. 2,202,272; May 28.
Silencer, Compressor discharge. A. B. Wood. 2,198,021; Apr. 23.
Silencer, Exhaust. G. Jensen and W. H. Powers. 2,220,866; Nov. 5.
Silencer, Exhaust. L. E. Muller. 2,191,619; Feb. 27.
Silencer, Exhaust. E. J. Palmer. 2,218,959; Oct. 22.
Silencer, Resonator. L. E. Muller. 2,191,620; Feb. 27.
Silencing and antisiphoning device. E. Price and W. A. Pfister. 2,209,473; July 30.
Silencing and indicating device. M. C. Jones. 2,210,413; Aug. 6.
Silencing device for pulsating gases. A. S. Chipley. 2,205,899; June 25.
Silencing network. N. P. Case. 2,197,516; Apr. 16.
Silent chain. D. A. Cumfer. 2,223,314; Nov. 26.
Silica resins and manufacture. E. Glycofrides. 2,224,815; Dec. 10.
Silicate-containing product and making it. S. Quisling. 2,216,251; Oct. 1.
Silicate refractory, High melting point. G. E. Seil. 2,207,557; July 9.
Silicates, Bonding of calcium. N. P. Pitt and E. G. Baker. 2,210,326; Aug. 6.
Silicates, Making hydrous sodium. G. R. McDaniel. 2,223,293; Nov. 26.
Silicates, Producing alkali. P. W. Soderberg. 2,211,733; Aug. 13.
Silicates, Stable, hydrous, alkaline. G. R. McDaniel. 2,206,289; July 2.
Siliceous bodies, Manufacture of. G. J. Bair and R. A. Miller. 2,220,750; Nov. 5.
Siliceous product and making same. G. Kaloustian. 2,209,163; July 23.
Siliceous product and making the same. M. S. Badollet. 2,194,683; Mar. 26.
Siliceous products and making same. H. S. Nevin and G. Kaloustian. 2,209,170; July 23.
Silicon carbide resistors, Manufacture of. A. J. Thompson. 2,188,693; Jan. 30.
Silk, and product, Treatment of. A. Gandini. 2,196,986; Apr. 16.
Silk, Coloring acetate artificial. W. J. Grubb, C. Shaw, and R. H. Sennett. 2,201,367; May 21.
Silk, Dyeing and printing of acetate artificial. H. Ritter. 2,200,343; May 14.
Silk, Process and apparatus for the manufacture of artificial. A. Hartmann and J. Uytenbogaart. 2,194,470; Mar. 26.
Silk, Producing soft luster artificial. A. Hartman. 2,196,630; Apr. 9.
Silking, Method of and apparatus for producing crinkled. L. P. Van der Essen. 2,203,804; June 11.
Sill reinforcement, Center. R. B. Cottrell. 2,222,480; Nov. 19.
Silo and silo parts. C. H. Covey. 2,193,714; Mar. 12.
Silo, Hay storage. W. O. Brassert. 2,219,468; Oct. 29.
Silver alloy. F. R. Hensel, K. L. Emmert, and J. W. Wiggs. 2,196,307; Apr. 9.
Silver alloy. F. R. Hensel, K. L. Emmert, and J. W. Wiggs. 2,221,285; Nov. 12.
Silver copper alloy. F. R. Hensel, K. L. Emmert, and J. W. Wiggs. 2,196,302–3; Apr. 9.
Silver from ores, concentrates, or other materials, Extracting. H. E. Lee and B. R. Muir. 2,197,272; Apr. 16.
Silver from photographic solutions, Recovering. C. Holzwarth. 2,214,765; Sept. 17.
Silver from spent photographic solutions, Recovery of. R. B. Barnes and G. P. Ham. 2,221,163; Nov. 12.
Silver from spent photographic solutions, Recovery of. G. P. Ham. 2,205,792; June 25.
Silver from waste hyposulphitic liquors, Recovery of. J. Quaglia. 2,194,056; Mar. 19.
Silver halide emulsion for color photography. W. Schneider and A. Fröhlich. 2,186,732; Jan. 9.
Silver halide emulsions for color photography. W. Schneider and A. Fröhlich. 2,186,735; Jan. 9.
Silver halide emulsions, Photographic. A. Fröhlich and W. Schneider. 2,186,719; Jan. 9.
Silver halide emulsions, Sensitizing. W. König. 2,199,542; May 7.
Silver images, and composition therefor, Reducing the density of. D. M. McQueen and M. T. Goebel. 2,195,419; Apr. 2.
Silver lithium alloy. F. R. Hensel, K. L. Emmert, and J. W. Wiggs. 2,196,306; Apr. 9.
Silver recovery. M. J. Reid. 2,218,250; Oct. 15.
Silver recovery using an alkali hydroxide. J. H. Folwell. 2,196,764; Apr. 9.
Silver solder alloy. J. S. Streicher. 2,192,455–6; Mar. 5.
Silverware container. L. N. Ratzlaff. 2,218,892; Oct. 22.
Silverware, Machine for washing. J. J. Foley. 2,212,560; Aug. 27.
Single phase motor, Reversing. E. J. Schaefer. 2,195,287; Mar. 26.
Sink and drainboard, Combined. M. L. Wexler. 2,194,343; Mar. 19.
Sink and drainboard construction. H. D. Drain. 2,198,696; Apr. 30.
Sink and tub, Combination. F. J. Osuch. 2,205,018; June 18.
Sink fixture. H. S. Smith. 2,218,662; Oct. 22.
Sink, Kitchen. R. Stein. 2,186,998; Jan. 16.
Sinker. C. H. Tyler. 2,187,991; Jan. 23.
Sinker operating means for knitting machines. E. Peloquin. 2,197,706; Apr. 16.
Sinker support for fishing lines. H. L. Carroll. 2,217,101; Oct. 8.
Sinker, Trolling. J. Dobbins and C. F. Hacker. 2,201,082; May 14.
Sinkers, needle and jacks, Selective control of. R. H. Lawson and R. F. Lovell. 2,207,463; July 9.
Sinter, method of preparation and use thereof. B. Barnes. 2,198,372; Apr. 23.
Sintering. J. E. Greenawalt. 2,191,911; Feb. 27.
Sintering apparatus. H. J. Stehli. 2,190,493; Feb. 13.
Sintering machine. R. W. Hyde and R. D. Pike. 2,213,396; Sept. 3.
Sinus cap. L. G. Cowherd. 2,193,271; Mar. 12.
Siphon and the like, Thermic. C. G. Hawley. 2,186,413; Jan. 9.
Siphon bottles, Device and method for charging. E. F. Curry. 2,220,146; Nov. 5.
Siphon breaker and valve. J. D. Langdon. 2,211,212; Aug. 13.
Siphon equipment. W. F. Thompson. 2,218,941; Oct. 22.
Siphon gauge, Internal. M. Klein. 2,186,871; Jan. 9.
Siphon pump. H. C. Allston. 2,198,401; Apr. 23.
Siphon, Reagent. J. B. Haeberlin, Jr. 2,213,521; Sept. 3.
Siphonless valve. J. D. Langdon. 2,211,237; Aug. 13.
Sipper. F. C. Hamilton. 2,192,036–7; Feb. 27.
Siren. R. Duncan. 2,220,222; Nov. 5.
Siren. K. A. Schmacke. 2,222,322; Nov. 19.
Sirup, Sugar. M. R. Jones. 2,199,522; May 7.
Sirups, Treatment of refining. P. Sanchez. 2,216,755; Oct. 8.
6-chloro-diphenyl-methane-2-carboxylic acid compounds and preparing the same. J. M. Tinker and A. L. Linch. 2,212,056; Aug. 20.
Size testing system. A. E. Glancy. 2,191,107; Feb. 20.
Sizer. L. E. Jones. 2,210,979; Aug. 13.
Sizer, Fruit. F. Stebler. 2,198,889; Apr. 30.
Sizing composition and preparation. O. F. Neitzke. 2,198,289; Apr. 23.
Sizing device. H. E. Balsiger. 2,190,306; Feb. 13.
Skate. W. H. Decker. 2,212,589; Aug. 27.
Skate. J. R. Foley. 2,203,278; June 4.
Skate. A. User. 2,220,557; Nov. 5.
Skate and blade, Removable. P. Adonizio. 2,188,971; Feb. 6.
Skate and shoe, Ice. M. Goldenberg. 2,206,397; July 2.
Skate, Adjustable. F. A. Harris. 2,190,316; Feb. 13.
Skate attachment. E. G. Jahnke. 2,205,412; June 25.
Skate attachment, Roller. C. A. Whited. 2,208,888; July 23.
Skate, Combination ice and roller. L. M. Friedmann. 2,209,116; July 23.
Skate construction, Roller. C. V. L. Bruner. 2,193,685; Mar. 12.
Skate, Ice. S. Hamilton. 2,216,438; Oct. 1.
Skate marking device, Roller. W. T. Cain. 2,205,713; June 25.
Skate protector. L. D. and A. L. Rhoades. 2,187,629; Jan. 16.
Skate, Roller. R. Demerse. 2,197,519; Apr. 16.
Skate, Roller. J. E. Marshall. 2,218,209; Oct. 15.
Skate, Roller. G. Meister. 2,204,280; June 11.
Skate structure, Convertible roller. F. M. Wiseley. 2,195,348; Mar. 26.
Skates, Arch lift attachment for ice. E. Anderson. 2,197,170; Apr. 16.
Skates, Making. L. W. Greve. 2,209,490; July 30.
Skating device, Roller. A. R. Branson. 2,198,857; Apr. 30.
Skein reel. L. G. Houger. 2,198,114; Apr. 23.
Skelp for welding, Preparing. J. E. Markey. 2,206,746; July 2.
Skelp heating furnace. B. Bannister. 2,214,157; Sept. 10.
Sketch and paint board set. H. Hassenfeld. 2,196,863; Apr. 9.
Skewer. F. Kautz. 2,210,414; Aug. 6.
Ski. H. Altorfer. 2,198,361; Apr. 23.
Ski. E. Bjork. 2,225,293; Dec. 17.
Ski. P. J. Kairis. 2,196,925; Apr. 9.
Ski and boat, Water. K. Sato. 2,205,050; June 18.
Ski attachment. H. G. Fortune. 2,208,214; July 16.
Ski bag. H. Altorfer. 2,224,568; Dec. 10.
Ski binding. A. Attenhofer. 2,192,066; Feb. 27.
Ski-binding device. E. R. Keller. 2,199,937; May 7.
Ski climbing device. A. P. Coffin. 2,199,721; May 7.
Ski construction. W. F. Serr. 2,188,582; Jan. 30.
Ski construction. I. P. Simonsen and G. R. Hannan. 2,195,136; Mar. 26.
Ski fastening. P. Schwarze. 2,192,870; Mar. 5.
Ski for retractable undercarriages. B. W. Sznycer. 2,215,598; Sept. 24.

Ski, Knockdown. H. H., A. A., and E. V. Burton. 2,224,897; Dec. 17.
Ski pole. T. W. Bryant. 2,215,240; Sept. 17.
Ski pole construction. J. J. Birkhofer. 2,204,469; June 11.
Ski pole grip. S. Gerber. 2,208,365; July 16.
Ski, Reinforced laminated. H. McL. Davidson. 2,213,903; Sept. 3.
Ski slide. C. D. McIntyre. 2,224,405; Dec. 10.
Skid, Adjustable engine. C. M. Anderson. 2,204,877; June 18.
Skid arrester. J. Kipen. 2,214,303; Sept. 10.
Skid chain. G. L. Briggs. 2,186,475; Jan. 9.
Skid-chain link. G. W. Round. 2,202,319; May 28.
Skid, Running. C. A. Warden. 2,199,166; Apr. 30.
Skimmer, Foundry. T. L. Adas. 2,198,649; Apr. 30.
Skimmer, Paint. S. B. Jones. 2,189,565; Feb. 6.
Skin, hide, and leather working machine. F. Wayland. 2,201,461; May 21.
Skin, Method and apparatus for treating the. W. H. De St. Cyr. 2,210,618; Aug. 6.
Skins and hides, Dehairing of. J. Pfannmuller. 2,225,601; Dec. 17.
Skins for the manufacture of leather, Treating. B. H. Little. 2,219,108; Oct. 22.
Skirt and breeches hanger. G. M. Nelson. 2,214,536; Sept. 10.
Skiving machine. F. L. Brandt. 2,216,804; Oct. 8.
Skiving machine. J. F. Remington. 2,221,436; Nov. 12.
Skull separator. H. C. Amidon. 2,217,093; Oct. 8.
Slab and floor. G. L. Rackle. 2,215,975; Sept. 24.
Slab foundation for buildings and other structures. G. Kastner. 2,221,193; Nov. 12.
Slab separating device. M. F. Pettler. 2,216,021; Sept. 24.
Slack adjuster. A. G. Kershaw and K. H. Leech. 2,187,940; Jan. 23.
Slack adjuster. J. Robinson. 2,190,681; Feb. 20.
Slack adjuster, Automatic. B. S. Aikman. 2,201,572; May 21.
Slack adjuster, Automatic. F. E. Miller. 2,223,043; Nov. 26.
Slack adjuster for brakes, Automatic. B. H. Browall. 2,225,001; Dec. 17.
Slack adjuster for vehicle brakes, especially railway car brakes, Automatic. B. H. Browall and L. Scheib. 2,203,890; June 11.
Slack take-up device. R. F. Dow. 2,196,255; Apr. 9.
Slag into glasslike composition, Converting. R. D. Nye. 2,217,808; Oct. 15.
Slag, Production of dry granulated. T. Bartholomew. 2,210,999; Aug. 13.
Slagging furnace. J. Van Brunt. 2,226,955; Dec. 31.
Slasher. H. H. Grier. 2,216,006; Sept. 24.
Slat, Conveyer. O. C. Currie. 2,195,796; Apr. 2.
Slat, Venetian blind. O. L. Engstrom. 2,217,217; Oct. 8.
Slat, Venetian blind. T. A. Graves. 2,187,121; Jan. 16.
Slate, Braille. R. Brown. 2,190,752 Feb. 20.
Sled. A. S. Carlson. 2,209,508; July 30.
Sled. M. D. Mestas. 2,197,701; Apr. 16.
Sled. J. S. Ruffner. 2,203,060; June 4.
Sled. G. L. Sherwood. 2,199,680; May 7.
Sled. G. L. Sherwood. 2,223,427; Dec. 3.
Sled brake. J. Berthiaume. 2,188,030; Jan. 23.
Sled construction. S. Ware. 2,216,148; Oct. 1.
Sled for snow charges. K. O. Holmström. 2,210,409; Aug. 6.
Sled runner. V. E. Welch. 2,222,386; Nov. 19.
Sled, Scooter. J. V. Hammond. 2,206,035; July 2.
Sled, Ski. N. Saari. 2,209,830; July 30.
Sled, Wheel. W. H. Mound. 2,195,656; Apr. 2.
Sleeper, Box-shaped steel. V. A. Petkovic. 2,197,620; Apr. 16.
Sleeping car. J. F. Clary. 2,186,778; Jan. 9.
Sleeping cover. H. H. Parks. 2,225,884; Dec. 24.
Sleeve in transmission gearing, Resilient. E. C. Hatcher. 2,215,926; Sept. 24.
Sleeve puller. L. C. Jones. 2,207,888; July 16.
Sleeve valve engine. F. Nallinger. 2,217,289; Oct. 8.
Sleeves on conduits and the like, Applying elastic. G. C. Burd. 2,218,904; Oct. 22.
Slice for paper making machines, Suction. K. J. Mackenzie. 2,193,032; Mar. 12.
Slicer, Bean. B. I. Buck. 2,221,699; Nov. 12.
Slicer, Bread. A. P. Bixler. 2,206,154; July 2.
Slicer, Bread. T. K. Walma. 2,208,315; July 16.
Slicing machine. J. J. and J. Kallós. 2,208,638; July 23.
Slicing machine. J. L. Ordman. 2,186,878; Jan. 9.
Slicing machine. C. H. Petskeyes. 2,217,812; Oct. 15.
Slicing machine. W. E. and J. R. Urschel. 2,195,879; Apr. 2.
Slicing machine. C. F. M. van Berkel. 2,196,371; Apr. 9.
Slicing machine. W. A. van Berkel. 2,186,565; Jan. 9.
Slicing machine. W. A. van Berkel. 2,224,557; Dec. 10.
Slicing machine. H. Weiner and E. I. Friedman. 2,213,436; Sept. 3.
Slicing machine mechanism. J. Folk. 2,196,725; Apr. 9.
Slicing-machine slice-stacking mechanism. W. A. van Berkel. 2,199,943; May 7.
Slide changing device for projectors. D'A. A. Young, Jr. 2,213,779; Sept. 3.
Slide closure. J. H. Arthur. 2,212,362; Aug. 20.
Slide fastener. G. M. Bechwith. 2,193,757; Mar. 12.
Slide fastener. G. L. Erard. 2,221,759; Nov. 19.
Slide fastener. H. L. Farnstrom. 2,190,609; Feb. 13.
Slide fastener. M. Garrison. 2,226,095; Dec. 24.
Slide fastener. A. Krakauer. 2,212,121; Aug. 20.
Slide fastener. N. J. Poux. 2,190,608; Feb. 13.
Slide fastener. N. J. Poux. 2,225,286; Dec. 17.
Slide fastener. S. Segal. 2,204,627; June 18.
Slide for fastening devices, Locking. A. Pindek. 2,186,809; Jan. 9.
Slide for punch presses, Adjustable. R. A. Freeman. 2,198,333; Apr. 23.
Slide for tool holder. M. J. Schlitters. 2,195,841; Apr. 2.
Slide mechanism for automatic metalworking machines, Forming or cross. A. E. Drissner. 2,187,681; Jan. 16.
Slide mechanism, Independent cross. A. E. Drissner. 2,187,682–3; Jan. 16.
Slide, Playground. P. D. Travers. 2,189,691; Feb. 6.
Slide rest mechanism. R. J. Fridlund. 2,185,630; Jan. 2.
Slider. L. H. Morin. 2,193,834; Mar. 19.
Slider for separable fasteners. G. M. Gay. 2,197,690; Apr. 16.
Slider for separable fasteners. D. B. Gilmore. 2,193,761; Mar. 12.
Slider for separable fasteners. R. C. Legat. 2,224,082; Dec. 3.
Slider for separable fasteners. L. H. Morin. 2,205,694; June 25.
Slider for separable fasteners. J. G. Soave. 2,193,080; Mar. 12.
Slider for slide fasteners. P. H. Bailey. 2,214,704; Sept. 10.
Slider for slide fasteners. A. E. Carlile. 2,185,658; Jan. 2.
Slider for slide fasteners. A. E. Carlile. 2,223,279; Nov. 26.
Slider for slide fasteners. N. J. Poux. 2,222,988; Nov. 26.
Slider for slide fasteners. G. Sundback. 2,215,745–6; Sept. 24.
Slider for slide fasteners, Self-locking. A. E. Carlile. 2,214,705; Sept. 10.
Slider for slide operated fasteners, Auxiliary. R. J. Roseman. 2,224,930; Dec. 17.
Slider inspecting machine. S. L. Bradbury. 2,186,693; Jan. 9.
Sliding bearing. W. L. Scribner. 2,222,491; Nov. 19.
Sliding clasp fastener. M. Winterhalter. 2,191,874; Feb. 27.
Sliding door. C. C. Coleman. 2,190,149; Feb. 13.
Sliding door. W. M. Dwyer. 2,196,294; Apr. 9.
Sliding seat latch. M. J. Gieleghem. 2,198,532; Apr. 23.
Sliding vehicle door. P. L. O. Denison and G. C. Guest. 2,206,599; July 2.
Slimes, Treating. J. O. Betterton, Y. E. Lebedeff, and D. P. Wilkes. 2,202,893; June 4.
Sling, Hoisting. A. Mazzella. 2,199,958; May 7.
Sling lock. R. Thirlwell. 2,220,629; Nov. 5.
Slip. R. L. Fluellen. 2,208,926; July 23.
Slip coupling drive assembly. A. Kuhns. 2,216,118; Oct. 1.
Slip cover construction for upholstered furniture. J. A. Krasnov. 2,212,485; Aug. 20.
Slip-cover opening devices, Making. W. J. Wardell. 2,220,135; Nov. 5.
Slip dispenser. H. H. Miller. 2,211,284; Aug. 13.
Slip for oil well tools. C. E. Burt. 2,204,659; June 18.
Slip joint, Resilient. B. A. Swennes. 2,199,926; May 7.
Slip-sheet apparatus. A. Potdevin. 2,218,217; Oct. 15.
Slip sheet feeder. R. S. Harm. 2,186,485; Jan. 9.
Slip sinker. W. E. Smith. 2,217,972; Oct. 15.
Slipstitching machine. E. F. Hager. 2,209,456; July 30.
Slip-stream mixer. R. M. Joyce. 2,190,565; Feb. 13.
Slip supporting device. J. D. Nixon. 2,217,072; Oct. 8.
Slipper. J. Langfelder. 2,220,722; Nov. 5.
Slipper, Burial. C. F. Schulte. 2,215,135; Sept. 17.
Slitter. E. R. Tyrrell. 2,222,051; Nov. 19.
Slitting and cutoff mechanism for sheet material. E. R. Sabel and F. I. Galbrecht. 2,216,629; Oct. 1.
Slitting machine. F. F. Schrier. 2,212,457; Aug. 20.
Slitting machine. W. E. and J. R. Urschel. 2,186,084; Jan. 9.
Slitting mechanism for box making machines. C. D. Knowlton. 2,201,184; May 21.
Sliver drawing mechanism. R. B. Solanas. 2,219,666; Oct. 29.
Sliver formation. R. C. Newman and J. W. Romig. 2,202,118; May 28.
Slivers from coconut fibers. Forming. B. G. H. van der Jagt. 2,190,744; Feb. 20.
Slop and other waste liquids, Treatment of distillery. E. E. Pittman and R. R. Bottoms. 2,214,909; Sept. 17.
Slop filtration, Distillery. A. W. Lissauer. 2,220,844; Nov. 5.
Slop, Treatment of distillery. C. R. Brown. 2,216,904; Oct. 8.
Slop, Treatment of distillery. C. R. Brown and A. T. Scott. 2,216,905; Oct. 8.
Slot, Wing. F. R. Weymouth. 2,186,221; Jan. 9.
Slotter for tires, Automatic. W. F. Errig and G. M. Pfundt. 2,192,130; Feb. 27.
Sludge formation, Prevention of. S. Karrer and O. W. Lusby. 2,191,486; Feb. 27.
Sludge removing device. D. H. Buckley. 2,202,308; May 28.

Sludgy materials, Method and apparatus for feeding and distributing. A. S. Vane. 2,209,366; July 30.
Slug casting machine. H. A. Burt. 2,195,143; Mar. 26.
Slug casting machine. R. R. Mead. 2,214,887–8; Sept. 17.
Slug casting machine. H. T. Sundstrom and C. A. Stopple. 2,188,988; Feb. 6.
Slug casting machine. A. B. Watson. 2,195,140; Mar. 26.
Slug casting machine and matrix therefor, Typographical. H. Ellis. 2,188,999; Feb. 6.
Slug casting machine, Typographical. C. A. Albrecht and H. Brandenburg. 2,201,132; May 21.
Slug cutting machine. W. T. Henderson. 2,218,470; Oct. 15.
Slug detector. W. C. Mitchell. 2,186,985; Jan. 16.
Slug resurfacer. F. W. Billker and H. J. Tapper. 2,224,335; Dec. 10.
Slurry classification. J. S. Fasting. 2,206,721; July 2.
Slurry drying device. N. S. Borch and K. Middelboe. 2,187,800; Jan. 23.
Slush pump valve. D. C. Sharp, L. K. James, and R. M Garrison. 2,214,799; Sept. 17.
Slush pump valve. A. S. Volpin. 2,197,455; Apr. 16.
Slush-pump valve. C. White and O. B. Graham. 2,223,651; Dec. 3.
Smallware loom. W. Matterson. 2,209,278; July 23.
Smoke and fume separating. J. Y. Houghton and T. H. Brown. 2,216,779; Oct. 8.
Smoke and gas and other exhaust products from coke ovens for the production of gas and coke, Removing. A. Koppers. 2,218,916; Oct. 22.
Smoke consumer, Locomotive. F. G. Stephens. 2,185,278; Jan. 2.
Smoke control apparatus, Stack gas. M. Matanovich-Manov and A. S. Holmes. 2,215,707; Sept. 24.
Smoke cooling device. H. G. Sprinkel. 2,189,684; Feb. 6.
Smoke lifter for locomotives. J. G. Blunt. 2,185,242; Jan. 2.
Smoke purifier for tobacco smoking articles. F. H. Cullen. 2,190,312; Feb. 13.
Smokestack, Locomotive. O. E. Wolden. 2,203,317; June 4.
Smoke suppressing device. W. H. Schweizer. 2,210,329; Aug. 6.
Smoker's appliance. A. Fischer. 2,216,166; Oct. 1.
Smoker's article. A. S. Carlson. 2,195,201; Mar. 26.
Smoker's device. A. H. Smeby. 2,189,842; Feb. 13.
Smoker's pipe. H. E. Christie. 2,226,707; Dec. 31.
Smoker's pipe. T. E. Neal. 2,219,428; Oct. 29.
Smoker's pipe. W. H. Rasener. 2,195,260; Mar. 26.
Smoker's pocket receptacle. A. J. Gelardi. 2,208,971; July 23.
Smoker's stand. C. Rizzuto. 2,226,209; Dec. 24.
Smoking appliance. G. M. Pierson. 2,196,121; Apr. 2.
Smoking device. A. Gooris. 2,194,699; Mar. 26.
Smoking outfit. F. R. Kostner. 2,217,061; Oct. 8.
Smoking pipe. H. T. Blum. 2,209,441; July 30.
Smoking pipe. H. T. Blum. 2,210,198; Aug. 6.
Smoking pipe. H. T. Blum. 2,223,544; Dec. 3.
Smoking pipe. J. M. Boscardin. 2,191,165; Feb. 20.
Smoking pipe. L. Gandy. 2,222,657; Nov. 26.
Smoking pipe. E. A. Herr. 2,206,188; July 2.
Smoking pipe. V. M. Konecny. 2,223,111; Nov. 26.
Smoking pipe. J. Lang. 2,221,590; Nov. 12.
Smoking pipe. F. M. Lingo. 2,192,448; Mar. 5.
Smoking pipe. T. Mochizuki. 2,216,087; Sept. 24.
Smoking pipe. A. R. Perkins. 2,215,014; Sept. 17.
Smoking pipe. F. H. Silverthorne. 2,197,161; Apr. 16.
Smoking pipe. A. C. Sorensen. 2,195,522; Apr. 2.
Smoking pipe. G. E. Strandt. 2,188,966; Feb. 6.
Snap action mechanism. H. C. Turner and A. Sherwin. 2,198,428; Apr. 23.
Snap-action switch. C. G. Kronmiller. 2,220,802; Nov. 5.
Snap actuator and switch. W. C. Tregoning. 2,222,963; Nov. 26.
Snap fastener. E. Jordan. 2,188,950; Feb. 6.
Snap fastener. F. L. McLaughlin. 2,208,008; July 16.
Snap fastener. J. H. Ohotto. 2,216,499; Oct. 1.
Snap fastener. N. Rosovsky. 2,186,557; Jan. 9.
Snap fastener member. P. Upham. 2,215,258; Sept. 17.
Snap fastening device. F. N. Ross. 2,197,418; Apr. 16.
Snap gauge. H. V. Törnebohm. 2,197,116; Apr. 16.
Snap hook. J. B. Baxter. 2,187,441; Jan. 16.
Snap hook. L. C. Doane. 2,185,703; Jan. 2.
Snap retainer for pneumatic riveting hammers. J. J. Sullivan. 2,214,033; Sept. 10.
Snap, Spring wire. E. S. Beckwith. 2,201,360; May 21.
Snap switch. E. L. Fonseca. 2,218,908; Oct. 22.
Snap switch. C. J. Hathorn. 2,215,816; Sept. 24.
Snap switch. R. F. Sambleson and G. R. Brown. 2,188,780; Jan. 30.
Snap switch, Electric. E. J. Schaefer. 2,213,890; Sept. 3.
Snatch block. G. J. Armstrong. 2,206,442; July 2.
Snatch block. G. F. Lamberth. 2,197,698; Apr. 16.
Snelling machine. A. Lauterbach. 2,220,530; Nov. 5.
Snow disposal method. L. M. McCarthy. 2,192,320; Mar. 5.
Snow plow. O. H. Borgeson. 2,188,805; Jan. 30.
Snowplow. C. B. Jensen. 2,224,869–70; Dec. 17.
Snowplow. G. L. Kaeser. 2,199,593; May 7.
Snow plow. A. Voorderman. 2,198,237; Apr. 23.
Snowplow. J. Wandscheer. 2,219,204; Oct. 22.
Snow plow attachment for automobiles. A. F. Richter. 2,191,323; Feb. 20.
Snow plow device or the like. C. de Brun. 2,198,407; Apr. 23.
Snow plow, Double duty. A. O. Williamson. 2,188,800; Jan. 30.
Snowplow shoe. H. L. Campbell. 2,202,309; May 28.
Snowplow structure. M. Garland and E. Greer. 2,199,723; May 7.
Snow removal. E. A. Smith. 2,221,386; Nov. 12.
Snow remover. A. F. Werner. 2,188,989; Feb. 6.
Snow removing mechanism. W. E. Klauer. 2,194,662; Mar. 26.
Snow removing mechanism. W. E. Klauer. 2,223,372; Dec. 3.
Snow vehicle. F. S. Bartlett. 2,195,553; Apr. 2.
Snubber. F. E. Bachman. 2,223,656; Dec. 3.
Snubber. J. A. Lamont. 2,205,098; June 18.
Snubber. D. M. Light. 2,212,814; Aug. 27.
Snubber. A. H. Oelkers. 2,210,840; Aug. 6.
Soaking pit. W. T. Dean. 2,196,789; Apr. 9.
Soaking pit cover. G. M. Croft. 2,189,280; Feb. 6.
Soap and producing same. J. W. Bodman. 2,215,539; Sept. 24.
Soap and producing same, Fatty acid. F. J. Licata. 2,211,139; Aug. 13.
Soap and the like, Apparatus for making, removing, and processing. B. H. Thurman. 2,185,653; Jan. 2.
Soap composition. J. R. Curzon. 2,193,329; Mar. 13.
Soap cutting machine. J. Van Buren. 2,216,525; Oct. 1.
Soap dispenser. A. T. De Sipio, J. Bongiovanni, and J. J. Ricci. 2,196,356; Apr. 9.
Soap dispenser. A. T. De Sipio, J. Bongiovanni, and J. J. Ricci. 2,200,024; May 7.
Soap dispenser. G. Voorhis. 2,191,003; Feb. 20.
Soap, Forming floating milled. T. S. Eagen. 2,195,399; Apr. 2.
Soap holder. C. H. Butler. 2,194,997; Mar. 26.
Soap, Liquid antiseptic. L. J. Figg, Jr. 2,196,763; Apr. 9.
Soap, Making and processing. B. H. Thurman. 2,190,615; Feb. 13.
Soap, Manufacture of. A. T. Scott and C. R. Brown. 2,227,203; Dec. 31.
Soap, Manufacture of polyvalent metal. A. J. Deutser and R. F. Nelson. 2,206,002; June 25.
Soap of desired moisture content, Process of and apparatus for producing. B. Clayton. 2,190,592; Feb. 13.
Soap or other tablet or block cover with a soft sheath, Cake of. C. Meyer. 2,198,880; Apr. 30.
Soap, Plodding. B. Strain. 2,213,772; Sept. 3.
Soap, Processing. B. Clayton. 2,190,591; Feb. 13.
Soap, Producing. R. H. Potts and J. E. McKee. 2,224,985; Dec. 17.
Soap product. C. S. Rowe. 2,226,075; Dec. 24.
Soap product. C. T. Walter. 2,202,973; June 4.
Soap receptacle. E. W. Sodeberg. 2,218,271; Oct. 15.
Soap, Ribbon. C. T. Walter. 2,202,974; June 4.
Soap solution, Metallic. F. J. Licata and J. P. Nothum. 2,223,158; Nov. 26.
Soap, Stabilized. R. L. Sibley. 2,221,333; Nov. 12.
Soaps, Manufacture of polyvalent metal. C. C. Towne. 2,205,994; June 25.
Soaps, Method and means for stabilizing. L. B. Hitchcock and R. E. Divine. 2,202,103; May 28.
Soaps, Producing floating toilet. B. B. Hood. 2,210,924; Aug. 13.
Sock and arch support, Combined. F. G. Morton. 2,219,235; Oct. 22.
Sock drier. W. M. Cissell. 2,197,788; Apr. 23.
Sock drying machine. W. M. Cissell. 2,207,972; July 16.
Socket. H. H. Eby. 2,196,697; Apr. 9.
Socket adaptor, Electric. W. C. Shaw. 2,210,603; Aug. 6.
Socket, Adjustable lamp. L. W. Reis. 2,186,496; Jan. 9.
Socket, Adjustable light. M. J. Wohl. 2,190,439; Feb. 13.
Socket and bracket extension, Resilient light. J. D. Langdon. 2,202,315; May 28.
Socket and lamp socket installation, Lamp. W. H. Churchill. 2,211,739; Aug. 13.
Socket and mounting plate, Combined. A. J. Schmitt. 2,205,051; June 18.
Socket and plug, Electric. A. L. Woodside. 2,221,280; Nov. 12.
Socket and support therefor, Electrical. P. P. Horni. 2,223,991; Dec. 3.
Socket assembly, Switch and radio tube. S. M. Del Camp. 2,197,426; Apr. 16.
Socket, Automobile lamp. H. J. Sauer. 2,195,189; Mar. 26.
Socket, Bayonet type lamp. A. J. Foute. 2,190,403; Feb. 13.
Socket, Cable. F. N. Osmun. 2,219,151; Oct. 22.
Socket connection, Electrical light. T. Sumner. 2,192,943; Mar. 12.
Socket crown, Fluorescent lamp. F. K. Maerz. 2,201,543; May 21.
Socket, Double eyelet. H. C. Appel. 2,187,296; Jan. 16.
Socket, Electric connector. A. R. Pool. 2,198,505; Apr. 26.
Socket, Electric lamp. H. J. McCarthy. 2,224,829; Dec. 10.
Socket, Electric light. R. L. Reynolds. 2,225,461; Dec. 17.

Socket, Electric light. A. Wolf. 2,186,469; Jan. 9.
Socket, Electrical. L. W. Cole and C. I. Smith. 2,199,237; Apr. 30.
Socket, Electrical. H. H. Eby. 2,205,878; June 25.
Socket, Electrical. C. L. Knutson. 2,211,726; Aug. 13.
Socket for casters, Expansible. W. H. Noelting. 2,207,549; July 9.
Socket for electric lamps. J. Wertzheiser. 2,212,382; Aug. 20.
Socket for light tubes. T. A. Carter, Jr. 2,198,903; Apr. 30.
Socket for tubular lamps or the like. F. C. Dazley. 2,223,166; Nov. 26.
Socket for vacuum tubes. W. K. Henning. 2,200,332; May 14.
Socket for vacuum tubes and the like. E. F. Bessey. Re. 21,547; Sept. 3.
Socket, Lamp. F. D. Bryant and W. R. Young. 2,209,808; July 30.
Socket, Lamp. S. B. Kraut. 2,214,587; Sept. 10.
Socket, Lamp. J. C. Stearns. 2,208,437; July 16.
Socket, Lamp. J. Wertzheiser. 2,217,395; Oct. 8.
Socket, Meter. A. R. Kuhn. 2,206,408; July 2.
Socket, Pin. A. E. Pelz. 2,221,651; Nov. 12.
Socket, Plug. M. J. Drachman and K. Stoye. 2,198,193; Apr. 23.
Socket, Pole or post. C. J. Bachman. 2,210,441; Aug. 6.
Socket, Radio. M. Alden. 2,215,366; Sept. 17.
Socket, Radio. A. J. Schmitt. 2,193,940; Mar. 19.
Socket, Radio and like. W. J. Larkin, Jr. 2,205,146; June 18.
Socket, Radiotube. L. E. Barton. 2,206,799; July 2.
Socket setting device, Calk. W. H. Nickerson. 2,217,026; Oct. 8.
Socket, Snap fastener. H. J. Reiter. 2,189,995; Feb. 13.
Socket, Stake. W. Vigue. 2,215,060; Sept. 17.
Socket structure. F. C. De Reamer. 2,201,853; May 21.
Socket, Theftproof lamp. L. Delano. 2,204,666; June 18.
Socket, Theftproof lamp. L. Sokoloff. 2,194,329; Mar. 19.
Socket, Threadless lamp. T. E. Carroll. 2,191,336; Feb. 20.
Socket, Wall. B. Strazzabosco. 2,196,842; Apr. 9.
Socket, Wrench. W. F. Trotter. 2,202,240; May 28.
Sod-cutting implement. R. P. F. De Bersaques. 2,222,194; Nov. 19.
Soda asphalt, Treating. S. Kōn and M. Tournadre. 2,189,379; Feb. 6.
Sodium acetylide, Producing. R. R. Vogt. 2,200,941; May 14.
Sodium aluminum fluoride, Producing. J. E. Morrow and J. R. Wall. 2,196,077; Apr. 2.
Sodium aluminum sulphate, Making. R. S. Park. 2,189,179; Feb. 6.
Sodium and calcium carbonate, Manufacture of caustic. J. J. O'Connor. 2,211,908; Aug. 20.
Sodium antimonyl-catechol-thiosalicylate. H. P. Brown and J. A. Austin. 2,226,530; Dec. 31.
Sodium carbonate from brines, Recovering. A. C. Houghton. 2,193,817; Mar. 19.
Sodium carbonate-sulphur composition. R. B. MacMullin. 2,223,631; Dec. 3.
Sodium chloride from sylvinite ores, Selective flotation of. A. J. Weinig. 2,211,397; Aug. 13.
Sodium citrate penta-hydrate, Manufacture of. H. H. Holton. 2,193,904; Mar. 19.
Sodium cyanate, Production of. H. T. J. König. 2,208,033; July 16.
Sodium dichromate, Coining of. P. W. Uhl. 2,223,771; Dec. 3.
Sodium hydroxide from sodium chloride, Manufacture of. I. L. Clifford. 2,195,917; Apr. 2.
Sodium hydroxide, Treatment of. E. C. Hughes. 2,211,695; Aug. 13.
Sodium hyposulphite, Making. R. S. Park and G. S. Simpson. 2,226,576; Dec. 31.
Sodium monoxide, Preparation of. N. D. Scott. 2,202,270; May 28.
Sodium orthosilicate and making same. B. K. Beecher. 2,219,646; Oct. 29.
Sodium perborate, Preventing the caking of. J. S. Reichert and A. M. Taber. 2,218,031; Oct. 15.
Sodium perborate, Preventing the caking of. J. S. Reichert and A. M. Taber. 2,224,834; Dec. 10.
Sodium thiocarbonate, Preparation of. S. B. Heath and W. R. Bennett. 2,221,796; Nov. 19.
Soil adjuvant. M. Leatherman. 2,187,532; Jan. 16.
Soil conditioner. M. C. Merlich. 2,200,631; May 14.
Soil conservation apparatus. R. H. Ramsey. 2,210,218; Aug. 6.
Soil cultivating device. C. Brockman. 2,201,758; May 21.
Soil erosion, Preventing. M. S. Willing. 2,201,279; May 21.
Soil fertilization. W. D. Bancroft, J. K. Wilson, and J. E. Rutzler, Jr. 2,213,514; Sept. 3.
Soil gas analysis. T. H. Dunn. 2,212,681; Aug. 27.
Soil masses, Fixing and impermeabilizing. J. van Hulst. 2,190,003; Feb. 13.
Soil pulverizer. J. A. Stilwell. 2,223,707; Dec. 3.
Soil tiller. H. J. Seaman. 2,214,702; Sept. 10.
Soil tiller, Rotary. H. J. Seaman. 2,221,221; Nov. 12.
Soil. Treating. U. G. Stone. 2,190,128; Feb. 13.
Soil treating element. B. R. Benjamin. 2,211,878; Aug. 20.
Soils, Solidification of sandy. J. W. Schwab, S. F. Powell, and G. Smith. 2,203,881; June 11.
Solar actuated cooler. O. H. Mohr. 2,202,019; May 28.
Solar flash boiler. C. G. Abbot. 2,205,378; June 25.
Solar water heater. E. J. Barry. 2,213,894; Sept. 3.
Solar water heater. B. H. Cally. 2,208,789; July 23.
Solder and manufacture. W. Momsen. 2,224,356; Dec. 10.
Solder box, Electric. R. J. Ravi and G. R. Linja. 2,206,674; July 2.
Solder, High melting point. R. Schulze. 2,196,034; Apr. 2.
Solder to a tooth pin, Welding. T. Koch and O. W. Langhans. 2,213,865; Sept. 3.
Solder, Wiping. G. S. Phipps and E. E. Schumacher. 2,191,624; Feb. 27.
Solderer, Electric joint. C. J. Sampson. 2,212,795; Aug. 27.
Soldering alloy. E. W. Kern. 2,220,961; Nov. 12.
Soldering apparatus. H. Caruso. 2,225,255; Dec. 17.
Soldering device. J. B. McPherson, IV. 2,221,646; Nov. 12.
Soldering device. L. C. Rathbun. 2,221,108; Nov. 12.
Soldering device, Electric. O. Albietz. 2,210,352; Aug. 6.
Soldering device, Electric. L. H. Moulthrop. 2,187,806; Jan. 23.
Soldering iron. C. C. Abbott. 2,224,583–4; Dec. 10.
Soldering iron. W. A. Hayes and J. C. Ryan. 2,219,649; Oct. 29.
Soldering iron. J. J. Hollander. 2,216,530; Oct. 1.
Soldering iron. F. Kuhn and L. H. Thomas. 2,198,877; Apr. 30.
Soldering iron construction. L. P. Young. 2,213,438; Sept. 3.
Soldering iron, Electric. W. K. Kinney. 2,211,128; Aug. 13.
Soldering iron, Electric. W. A. Kuehl. 2,221,422; Nov. 12.
Soldering iron, Fountain type. T. H. Hallwood. 2,203,299; June 4.
Soldering iron stand. L. P. Young. 2,213,439; Sept. 3.
Solderless connector. C. A. Bay. 2,193,442; Mar. 12.
Solders, Manufacture and production of hard. A. R. Powell. 2,189,640; Feb. 6.
Sole. F. H. Martin. 2,223,073; Nov. 26.
Sole and heel applicator. H. Berggruen. 2,206,153; July 2.
Sole cementer. E. J. Le Gault. 2,195,333; Mar. 26.
Sole, Composition top. B. Gilowitz. 2,221,675; Nov. 12.
Sole construction for shoes. A. Girardi. 2,221,132; Nov. 12.
Sole edge inking machine. T. J. Doyle. 2,200,417; May 14.
Sole edge protecting device. M. M. Corkery. 2,212,392; Aug. 20.
Sole edge trimming cutter. B. F., L. L., Jr., and A. F. Harwell. 2,216,439; Oct. 1.
Sole-fitting machine. G. Hazelton. 2,204,676; June 18.
Sole for footwear. F. Nussbaum. 2,217,990; Oct. 15.
Sole grading machine. D. Parks. 2,219,489; Oct. 29.
Sole, Inner. M. N. Margolin. 2,200,849; May 14.
Sole laying machine. S. J. Finn. 2,201,996; May 28.
Sole machine. C. A. Hill. 2,214,056; Sept. 10.
Sole, Molding a shoe. P. A. Sperry. 2,202,875; June 4.
Sole plate. H. M. Pierce and J. H. Hermson. 2,192,150; Feb. 27.
Sole pressing machine. S. J. Finn. 2,187,828; Jan. 23.
Sole, Sole modifying inner. B. J. Silver. 2,185,526; Jan. 2.
Sole trimmer, Shoe repairing. G. B. McWilliams. 2,215,557; Sept. 24.
Soles, Flexing. J. P. Fredericksen. 2,198,699; Apr. 30.
Soles for attachment to shoes, Preparation of. W. P. Le Rette. 2,209,405; July 30.
Soles, Method of and apparatus for fitting. F. E. Bertrand. 2,186,161; Jan. 9.
Soles, Method of and machine for operating upon. E. Quinn. 2,210,040; Aug. 6.
Solenoid. L. V. McCarty. 2,222,419; Nov. 19.
Solenoid. T. A. Wetzel. 2,207,082; July 9.
Solenoid, Double. P. T. Carew and W. F. Werner. 2,190,650; Feb. 20.
Solenoid, Packless laminated. Wilbur F. Hurlburt. 2,199,178; Apr. 30.
Solid fuel burning furnace. H. Allemann. 2,222,893; Nov. 26.
Solid substances in liquids, Dissolving. F. A. Möller. 2,224,355; Dec. 10.
Solids from animal raw material, Separating. T. V. Hanno. 2,193,871; Mar. 19.
Solids from gases, Separation of. W. C. Rogers. 2,221,385; Nov. 12.
Solids from suspension in a liquid, Process and machine for separating. F. C. Reilly and C. D. Morton. 2,197,509; Apr. 16.
Solids, Hydraulic disruption of. W. F. Court. 2,218,130; Oct. 15.
Solids into a pressure system, Method and apparatus for introducing. H. E. Marvel. 2,216,921; Oct. 8.
Solids, Method and apparatus for classifying. E. P. McDonald. 2,211,068; Aug. 13.
Solids of different gravities, Method and apparatus for separating. F. Pardee. 2,199,091; Apr. 30.

Solids of different gravities, Method and apparatus for separating. F. Pardee. 2,205,432; June 25.
Solution dispensing device. V. J. Sinkwich. 2,201,101; May 14.
Solution for producing ice colors, Stable. H. Z. Lecher and R. P. Parker. 2,214,559; Sept. 10.
Solutions by base exchange, Changing the character of. P. Smit. 2,205,635; June 25.
Solutions, Method of and apparatus for fermenting. H. Scholler and M. Seidel. 2,188,192; Jan. 23.
Solutions of metal organic compounds and making same, Stabilized. W. S. Guthmann. 2,197,498; Apr. 16.
Solutions of phenol, its homologues and derivatives, Manufacture of aqueous. R. Hueter, R. Neu, and H. J. Engelbrecht. 2,191,405; Feb. 20.
Solutions of the ammonium salts of disubstituted dithiophosphoric acids, Concentrated aqueous. D. W. Jayne, Jr. 2,206,284; July 2.
Solutions, particularly black liquors, Apparatus for concentrating. C. T. Carlson. 2,188,220; Jan. 23.
Solutions, Thickening of. M. B. Katzman and F. J. Cahn. 2,189,803; Feb. 13.
Solvent and lubricant, Carbon. R. L. Buffington and P. H. Elliot. 2,206,025; July 2.
Solvent and process for dewaxing mineral oils. D. S. McKittrick and H. J. Henriques. 2,225,403; Dec. 17.
Solvent and process for dewaxing mineral oils. S. Tijmstra and D. S. McKittrick. 2,191,136; Feb. 20.
Solvent cleansing. J. D. Morgan and P. B. Levitt. 2,223,791; Dec. 3.
Solvent composition. H. G. Webster. 2,212,761; Aug. 27.
Solvent composition, Cellulose coating. P. E. Joyce. 2,204,963; June 18.
Solvent extraction. M. J. Livingston, H. O. Forrest, and P. C. Keith. 2,215,359; Sept. 17.
Solvent extraction apparatus. H. S. Robinson. 2,225,799; Dec. 24.
Solvent extraction apparatus, Continuous. E. C. Pattee. 2,187,890; Jan. 23.
Solvent extraction of oxygenated products. F. J. Ewing. 2,222,215; Nov. 19.
Solvent extraction of petroleum oils. J. M. Russ, Jr., and H. R. Fife. 2,210,383; Aug. 6.
Solvent extraction of solid materials, Method of and apparatus for continuous counter-current. M. Bonotto. 2,206,595; July 2.
Solvent extraction operation. G. T. Atkins, Jr. 2,216,932; Oct. 8.
Solvent for high molecular weight polymers of isoolefins. P. J. Wiezevich. 2,204,167; June 11.
Solvent fractionation of oleoresinous gum. A. W. Hixson and R. Miller. 2,226,129; Dec. 24.
Solvent liquids in cracking heavy residual oils, Use of. G. L. Adams. 2,197,460; Apr. 16.
Solvent recovery. E. G. Ragatz and D. E. McFaddin. 2,185,311; Jan. 2.
Solvent recovery system. A. B. Ray and L. A. Logan. 2,211,162; Aug. 13.
Solvent rectification of petroleum. E. G. Ragatz. 2,216,602; Oct. 1.
Solvent, Removal and recovery of. D. McDonald. 2,198,412; Apr. 23.
Solvent treating. G. W. Gurd and W. N. Munster. 2,225,910; Dec. 24.
Solvent treating process. G. T. Atkins, Jr. 2,216,933; Oct. 8.
Solvents for the condensation products of polyvinyl alcohols and aldehydes. M. Belloc. 2,194,994; Mar. 26.
Solvents from plastic colloids, Removing. H. P. Bassett. 2,209,256; July 23.
Solvents from solutions of resilient substances, Removing the. A. Kämpfer. 2,200,554; May 14.
Solvents, Recovering selective. S. Tijmstra. 2,210,541; Aug. 6.
Sonic flocculator and method of flocculating smoke or the like. H. W. St. Clair. 2,215,484; Sept. 24.
Sonometer. C. J. Ulrich. 2,199,120; Apr. 30.
Soot blower elements, Recooling. De L. E. Hibner, Jr., and F. C. Arey. 2,207,681; July 9.
Soot burner. C. Burch. 2,208,893; July 23.
Sorbitol borates and salts thereof. C. Bremer. 2,223,949; Dec. 3.
Sorbose, Fermentative process for the production of. J. Weijlard, W. H. Engels, and C. V. Holland. 2,207,768; July 16.
Sorting apparatus. H. W. Cadman. 2,194,381; Mar. 19.
Sorting apparatus. W. R. Horsfield. 2,190,563; Feb. 13.
Sorting machine. J. W. Bryce. 2,189,024; Feb. 6.
Sorting machine. D. C. Cox. 2,190,935; Feb. 20.
Sorting machine. M. Maul. 2,209,414; July 30.
SO_2 from acid sludge, Production of. F. J. Bartholomew. Re. 21,357; Feb. 20.
Sound absorbing composition. K. S. Rankin. 2,195,580; Apr. 2.
Sound absorbing construction. C. F. Burgess. 2,219,440; Oct. 29.
Sound and television receiving system. P. C. Goldmark. 2,186,455; Jan. 9.
Sound apparatus. H. E. Holliday. 2,195,651; Apr. 2.
Sound changer, Frequency and amplitude. H. McCurdy. 2,214,770; Sept. 17.
Sound collecting system. E. W. Kellogg. 2,210,415; Aug. 6.
Sound collecting system. E. W. Kellogg. 2,216,949; Oct. 8.
Sound control apparatus. C. M. Chorpening. 2,212,389; Aug. 20.
Sound deadener. L. C. Surprenant. 2,196,615; Apr. 9.
Sound deadening composition. B. Foster and C. J. Seydel. 2,193,401; Mar. 12.
Sound-deadening composition. J. A. Torri. 2,221,499; Nov. 12.
Sound-deadening material. J. E. Graham and E. M. Lines. 2,217,165; Oct. 8.
Sound device. L. Ellsworth. 2,226,094; Dec. 24.
Sound effect machine. S. E. Adair. 2,190,465; Feb. 13.
Sound generating system to a sound generating diaphragm, Coupling a. W. Ditsche. 2,203,428; June 4.
Soundhead. H. I. Robinson. 2,206,367; July 2.
Sound head. A. T. Sinclair. 2,201,324; May 21.
Soundhead. J. F. Wein. 2,220,504; Nov. 5.
Soundhead. A. G. Zimmerman. 2,206,380; July 2.
Sound in low frequency circuits, Regulation of. H. Pfister. 2,201,563; May 21.
Sound indicating apparatus. W. P. Place and F. C. Smith. 2,191,203; Feb. 20.
Sound insulating construction. H. E. Hartig. 2,213,583; Sept. 3.
Sound listening device. C. Huenlich. 2,215,585; Sept. 24.
Sound locator apparatus. F. R. House. 2,199,404; May 7.
Sound, Method and apparatus for recording and reproducing. P. Lohn. 2,188,687; Jan. 30.
Sound, Method of and apparatus for magnetically recording. H. S. Heller and L. G. Butler. 2,213,631; Sept. 3.
Sound on film recording apparatus. L. Dewan. 2,206,884; July 9.
Sound printing mechanism. H. W. Dudley. 2,195,081; Mar. 26.
Sound producing device for a tap dancing shoe. S. G. Mandalian. 2,200,848; May 14.
Sound recorder. S. Clavert. 2,205,058; June 18.
Sound recorder. M. M. Gruber and G. J. Saliba. 2,221,970; Nov. 19.
Sound recorder and reproducer. M. Bender. 2,193,443; Mar. 12.
Sound recorder, Electromagnetic. L. Thompson. 2,222,342; Nov. 19.
Sound recording. G. L. Dimmick. 2,199,621; May 7.
Sound recording. G. L. Dimmick. 2,203,191; June 4.
Sound recording. B. D. Hammer. 2,215,925; Sept. 24.
Sound recording. H. McDowell, Jr. Re. 21,389; Mar. 12.
Sound recording. J. H. McLeod and W. K. Grimwood. 2,196,735; Apr. 9.
Sound recording. K. Schwarz. 2,220,461; Nov. 5.
Sound, Recording. M. J. C. van der Meulen. 2,224,170; Dec. 10.
Sound recording and monitor system, Magnetic. H. S. Heller. 2,213,246; Sept. 3.
Sound recording and reproducing apparatus. H. C. Grant, Jr. 2,201,614; May 21.
Sound recording and reproducing apparatus. L. A. Herzig. 2,215,468; Sept. 24.
Sound recording and reproducing apparatus. E. W. Sparling. 2,199,420; May 7.
Sound, Recording and reproducing of. A. N. Goldsmith. 2,207,249; July 9.
Sound recording apparatus. G. L. Dimmick. 2,206,393; July 2.
Sound recording apparatus. G. I. Dimmick. 2,209,053; July 23.
Sound recording apparatus. L. T. Sachtleben. 2,225,714; Dec. 24.
Sound recording apparatus. K. Schwarz. 2,208,937; July 23.
Sound recording compositions. A. E. Schuh. 2,221,956; Nov. 19.
Sound recording machine. A. Rysick. 2,195,758; Apr. 2.
Sound recording, Magnetic. R. Muller-Ernesti. 2,210,770; Aug. 6.
Sound recording, Method of and appartus for. M. C. Batsel. 2,210,392; Aug. 6.
Sound recording system. J. R. Balsley. 2,193,665; Mar. 12.
Sound recording system and track. C. H. Cartwright. 2,217,154; Oct. 8.
Sound records, Process and device for the reproduction of fixed density. R. Bernheim. 2,205,513; June 25.
Sound records, Production of push-pull. K. Schwarz. 2,192,988; Mar. 12.
Sound reproducer. O. I. Price. 2,223,496; Dec. 3.
Sound reproducer. E. T. Turney. 2,220,305; Nov. 5.
Sound reproducing apparatus. L. B. Cornwell. 2,207,240; July 9.
Sound reproducing apparatus. R. Dally. 2,197,967; Apr. 23.
Sound reproducing apparatus. L. Dewan. 2,207,722; July 16.
Sound reproducing apparatus. H. E. McDonald. 2,194,664; Mar. 26.
Sound reproducing apparatus. J. Preston. 2,206,427; July 2.
Sound reproducing apparatus. V. H. Severy. 2,225,323; Dec. 17.
Sound reproducing apparatus. H. Vogt, J. Engl, and J. Massolle. 2,191,404; Feb. 20.

Sound reproducing apparatus and a wiring circuit therefor. R. E. Bowley. 2,189,161; Feb. 6.
Sound reproducing device. J. A. Briggs. 2,196,352; Apr. 9.
Sound reproducing means. S. Quisling. 2,224,358; Dec. 10.
Sound reproducing system. G. L. Beers. 2,220,141; Nov. 5.
Sound reproducing system, Electrical. H. C. Forbes. 2,186,103; Jan. 9.
Sound reproducing system for musical instruments. E. S. Purington. 2,220,350; Nov. 5.
Sound reproduction. H. J. Hasbrouck, Jr. 2,205,528; June 25.
Sound reproduction apparatus. W. E. Merriman. 2,196,737; Apr. 9.
Sound reproduction, Method and apparatus for. F. Steube. 2,200,106; May 7.
Sound stabilizer. W. E. Merriman. 2,196,736; Apr. 9.
Sound track on a light-sensitive color film, Producing a. W. Schneider and G. Heymer. 2,220,178; Nov. 5.
Sound translating apparatus. A. J. Sanial. 2,216,961; Oct. 8.
Sound translating apparatus. E. Schüller. 2,195,192; Mar. 26.
Sound translating device. G. M. Giannini. 2,194,070; Mar. 19.
Sound translating device. H. C. Pye. 2,205,670; June 25.
Sound translating device and making the same. H. C. Pye. 2,205,669; June 25.
Sound translating device supporting assembly. H. F. Obergfell. 2,205,906; June 25.
Sound transmitter. S. F. Lybarger. 2,224,974; Dec. 17.
Sound transmitter and sound receiver actuated by magneto-strictive forces. F. W. Kallmeyer. 2,190,666; Feb. 20.
Sound treating device. L. M. Hart. 2,206,012; July 2.
Sound vibrations, Method and apparatus for electrically reproducing. R. O. Whitelegg. 2,198,521; Apr. 23.
Sounding apparatus for wells or the like. D. Scaramucci. 2,208,604; July 23.
Sounds or other sensory effects, Means adapted to reproduce. J. E. Jenkins and S. E. Adair. 2,221,312; Nov. 12.
Sources of light comprising an electric discharge device and luminescent material adapted to be excited by the discharge therein. A. H. McKeag and J. T. Randall. 2,223,426; Dec. 3.
Soya bean oil product and making same, Resinified. C. Ellis. 2,194,894; Mar. 26.
Soybean oil, Refining. A. W. Ralston and V. Conquest. 2,209,904; July 30.
Spaceband transfer mechanism for typographical machines. A. G. Sperry. 2,198,044; Apr. 23.
Space discharge apparatus and circuits. R. A. Heising. 2,200,063; May 7.
Space discharge apparatus and circuits therefor. A. M. Skellett. 2,205,071; June 18.
Space discharge apparatus and circuits therefor. A. M. Skellett. 2,205,072; June 18.
Space discharge device. H. E. Hollmann. 2,190,069; Feb. 13.
Space discharge device, Electrical. P. L. Spencer and L. K. Marshall. 2,206,271; July 2.
Space discharge device, High current. C. G. Smith. 2,217,186; Oct. 8.
Space gaining structure for building constructions. F. P. Platt and L. R. Soher. 2,200,934; May 14.
Space heater, Pot type oil burning. C. T. Piehl. 2,204,694; June 18.
Spacer for transformer coils. J. G. Ford. 2,201,005; May 14.
Spacing apparatus. H. J. Criner. 2,189,199; Feb. 6.
Spacing means for bag filters. W. H. Scheidt. 2,200,899; May 14.
Spacing means for the cage bars of presses. A. W. French, Jr. 2,223,514; Dec. 3.
Spacing means for valve-actuating mechanisms, Resilient. G. M. Fitts. 2,225,265; Dec. 17.
Spacing mechanism. T. K. Walma. Re. 21,376; Feb. 27.
Spade, Nail and separator removing. C. A. Juhl. 2,221,192; Nov. 12.
Span construction, Long and short. L. Davidson. 2,211,848; Aug. 20.
Spare tire mounting. E. T. Ragsdale. 2,214,937; Sept. 17.
Spark coil testing. B. Miller. 2,206,849; July 2.
Spark control device. L. F. Sarnes. 2,200,043; May 7.
Spark extinguishing in direct current circuit. P. Jakoby and H. R. Lameyer. 2,226,203; Dec. 24.
Spark gap, Electrical. R. N. Saxby. 2,198,062; Apr. 23.
Spark gap, Quenched. W. Schönfeld. 2,222,268; Nov. 19.
Spark intensifier. G. D. Crawford. 2,185,938; Jan. 2.
Spark plug. M. Beckett. 2,212,893; Aug. 27.
Spark plug. C. E. Berstler. 2,208,178; July 16.
Spark plug. C. R. Buening. 2,221,537; Nov. 12.
Spark plug. J. Ceccon. 2,195,953; Apr. 2.
Spark plug. D. H. Corbin. 2,186,283; Jan. 9.
Spark plug. T. Dukelow. 2,226,711; Dec. 31.
Spark plug. C. E. Gotterba and A. R. Layer. 2,214,958; Sept. 17.
Spark plug. W. Harper, Jr. 2,205,196; June 18.
Spark plug. E. R. Holmes. 2,208,030; July 16.
Spark plug. F. Kapp. 2,226,414–5; Dec. 24.
Spark plug. E. B. Nowosielski. 2,189,435; Feb. 6.
Spark plug. C. M. Songer. 2,195,543; Apr. 2.
Spark plug. F. D. Sprague. 2,208,708; July 23.
Spark plug. J. A. Stahr. 2,208,059; July 16.
Spark plug. T. Tognola. 2,214,781; Sept. 21.
Spark plug. E. S. Twining and B. H. Sibley. 2,217,825; Oct. 15.
Spark plug. L. G. Walter and H. R. Webber. 2,194,251; Mar. 19.
Spark plug. G. S. Weinerth. 2,188,166; Jan. 23.
Spark plug and electrodes therefor. C. H. Coleman. 2,207,311; July 9.
Spark plug and making the same. G. Marglin. 2,190,269; Feb. 13.
Spark plug cleaner. H. Rabezzana. 2,222,518; Nov. 19.
Spark plug construction. A. L. Robb. 2,202,027; May 28.
Spark plug for internal combustion engines. J. C. Carter. 2,209,621; July 30.
Spark plug, Making a. A. C. Hastings, Jr. 2,222,433; Nov. 19.
Spark plug, Movable core. B. Miller. 2,202,220; May 28.
Spark plug, Multiple seal. A. A. Kasarjian. 2,187,472; Jan. 16.
Spark plug, Radio shielded. M. F. Peters and A. V. Astin. 2,186,039; Jan. 9.
Spark plug (radio shielded), Aviation. J. Devine. 2,194,695; Mar. 26.
Spark plug, Shielded. L. A. Hyland. Re. 21,550; Sept. 3.
Spark plug, Shielded. E. S. Twining and B. H. Sibley. 2,198,892; Apr. 30.
Spark plug, Temperature control. P. G. Andres. 2,212,725; Aug. 27.
Spark-plug tool. C. A. Schulz. 2,193,886; Mar. 19.
Spark plug with umbrella. J. F. Barr. 2,190,765; Feb. 20.
Spark plugs, Making. L. W. G. Flynt. 2,225,105; Dec. 17.
Spark plugs, Method and apparatus for testing. M. F. Peters and H. K. King. 2,192,932; Mar. 12.
Spark plugs, Thermal protection and radio shielding of. M. F. Peters and A. V. Astin. 2,197,006; Apr. 16.
Spark quenching arrangement. W. Saville. 2,205,602; June 25.
Sparking plug. L. Kral. 2,207,175; July 9.
Sparkling liquid dispenser. L. G. Tramarollo. 2,226,880; Dec. 31.
Speaker unit, Instrument panel. B. A. Schwarz and W. C. De Roo. 2,186,276; Jan. 9.
Spear and ball game, Combination. T. Hochberg. 2,211,330; Aug. 13.
Specific mechanical determination of bodily equilibrium. C. H. Downing. 2,192,435; Mar. 5.
Specimen case. J. C. Ehrlich. 2,205,686; June 25.
Spectacle and hinge therefor. C. J. Haag. 2,218,467; Oct. 15.
Spectacle case. C. L. Bausch. 2,203,402; June 4.
Spectacle case. R. F. Schutz. 2,187,176–8; Jan. 16.
Spectacle holder. W. E. Wortham. 2,226,684; Dec. 31.
Spectacle loupe. E. R. Kohl. 2,193,968; Mar. 19.
Spectacle mounting. P. Messinger. 2,188,513; Jan. 30.
Spectacle mounting. J. A. Sweeney. 2,194,776; Mar. 26.
Spectacles, goggles, and the like, Lensless protective. L. Lehrfeld. 2,212,945; Aug. 27.
Spectrograms, Method and apparatus for measuring. J. S. Foster. 2,195,168; Mar. 26.
Spectrophotometer. O. W. Pineo. 2,194,910; Mar. 26.
Spectrophotometer. O. W. Pineo. 2,206,575; July 2.
Spectrophotometer and spectrophotometric analysis and prediction. O. W. Pineo. 2,218,357; Oct. 15.
Spectrophotometer, Automatic. D. Richardson. 2,221,170; Nov. 12.
Spectrum analysis, Apparatus for producing electric sparks for use in. H. Kaiser. 2,209,523; July 30.
Spectrum excitation, Method and apparatus for. K. Pfeilsticker. 2,212,950; Aug. 27.
Speed and cutoff indicator for locomotives. W. B. Wait. 2,209,670; July 30.
Speed and distance indicating mechanism. E. L. Vail. 2,210,388; Aug. 6.
Speed and motion transmitting mechanism, Variable. F. Barber. 2,218,840; Oct. 22.
Speed and power changing device. N. D. Andersen. 2,220,196; Nov. 5.
Speed apparatus, Variable. T. Yamanaka. 2,213,778; Sept. 3.
Speed change device. F. W. Faltermayer. 2,192,731; Mar. 5.
Speed changer mechanism. E. E. Harper. 2,219,040; Oct. 22.
Speed changing device. P. Ravigneaux. 2,194,954; Mar. 26.
Speed changing device. P. Ravigneaux. 2,220,174; Nov. 5.
Speed control. W. B. Cassels. 2,225,206; Dec. 17.
Speed control. B. Grob. 2,198,247; Apr. 23.
Speed control apparatus. C. C. Strange and E. J. Pelblad. 2,209,426; July 30.
Speed control assembly. O. Wittel. 2,226,188; Dec. 24.
Speed control device. H. G. Dickerson. 2,195,561; Apr. 2.

Speed control device for machines. L. Hermitte. 2,219,070; Oct. 22.
Speed control for automotive vehicles, Automatic. E. L. Goldsmith. 2,209,158; July 23.
Speed control for internal combustion engines, Maximum. C. T. Mitchell. 2,213,447; Sept. 3.
Speed control for sound record medium. W. L. Woolf. 2,221,661; Nov. 12.
Speed control for the transmission of power, Variable. A. E. Johnson. 2,218,712; Oct. 22.
Speed control means for cameras and the like. P. F. Sperry. 2,214,185; Sept. 10.
Speed control mechanism. L. Rosenthal. 2,214,567; Sept. 10.
Speed control, Variable. W. L. Carnegie. 2,221,393; Nov. 12.
Speed controlled brake. B. S. Aikman. 2,215,343; Sept. 17.
Speed controlled brake. C. C. Farmer. 2,191,822; Feb. 27.
Speed controlled brake. C. W. Maliphant. 2,194,762; Mar. 26.
Speed controller. W. Ferris. 2,198,035; Apr. 23.
Speed controlling device. J. Fossa. 2,205,622; June 25.
Speed controlling means. F. W. Caldwell. 2,219,087; Oct. 22.
Speed device and control therefor, Change. J. W. Hale. 2,210,239; Aug. 6.
Speed device having two movable flanges, Variable. C. E. Johnson and E. Mendenhall. 2,196,605; Apr. 9.
Speed device, Variable. J. H. Thompson. 2,223,051; Nov. 26.
Speed drive for washing machines and the like, Variable. A. R. Carmichael. 2,196,056; Apr. 2.
Speed drive system, Electrically driven variable. D. Heyer. 2,202,553; May 28.
Speed drive system, Variable. V. Hoover. 2,203,149; June 4.
Speed drive system, Variable. G. T. Pfleger. 2,189,295; Feb. 6.
Speed drive, Variable. C. W. Heinrich and E. J. Otto. 2,221,166; Nov. 12.
Speed drive, Variable. F. Mason and G. T. Pfleger. 2,196,606; Apr. 9.
Speed driving mechanism, Cyclically variable. J. L. M. Morrison. 2,215,762; Sept. 24.
Speed driving mechanism, Variable. E. M. Ferguson and A. W. Barton. 2,197,522; Apr. 16.
Speed gear, Change. M. F. Hill. 2,209,201; July 23.
Speed gearing and control, Change. E. A. Thompson. 2,204,872; June 18.
Speed governing mechanism. A. W. Pope, Jr., and E. R. Rutenber. 2,221,201; Nov. 12.
Speed governor. A. W. Kretzschmar. 2,211,784; Aug. 20.
Speed indicating apparatus. A. J. N. Duclos. 2,195,562; Apr. 2.
Speed indicating device. A. A. Blue. 2,193,388; Mar. 12.
Speed indicating device. J. J. MacDougall. 2,213,675; Sept. 3.
Speed indicating governor for motor vehicles. O. M. Knight and W. C. Le Mire. 2,208,904; July 23.
Speed indicator. J. W. Slayton. 2,191,045; Feb. 20.
Speed indicator, Remote. P. Kollsman. 2,211,543; Aug. 13.
Speed limiting device for automobiles, Adjustable. A. Aprea and E. Williams. 2,186,620; Jan. 9.
Speed limiting mechanism for automotive vehicles, Automatic. I. Cowles. 2,193,224; Mar. 12.
Speed mechanism, Change. J. M. Hall and H. E. Tucker. 2,218,530; Oct. 22.
Speed mechanism, Variable. H. E. Tautz. 2,209,484; July 30.
Speed mechanism, Variable. S. C. Winger. 2,223,711; Dec. 3.
Speed of electric motors for various purposes, Changing the. R. H. Lawson. 2,227,356; Dec. 31.
Speed power drive, Variable. G. C. Jett. 2,209,023; July 23.
Speed power unit, Variable. D. Heyer. 2,191,200; Feb. 20.
Speed power unit, Variable. D. Heyer. 2,205,976; June 25.
Speed power unit, Variable. D. Heyer and T. G. Myers. 2,202,554; May 28.
Speed power unit, Ventilated, variable. D. Heyer. 2,205,975; June 25.
Speed pulley generator. G. A. Shackelford. 2,187,181; Jan. 16.
Speed reciprocating pump, Variable capacity constant. N. E. Brigham. 2,219,126; Oct. 22.
Speed recording device. H. Stake. 2,208,140; July 16.
Speed reducer. L. G. Bowen. 2,189,776; Feb. 13.
Speed reducing mechanism. F. Travnicek. 2,199,682; May 7.
Speed reducing mechanism. H. E. Twomley. 2,201,357; May 21.
Speed reducing unit. A. H. Mutschler. 2,224,576; Dec. 10.
Speed reduction mechanism. D. E. Humphrey. 2,206,958; July 9.
Speed regulating device. S. E. Epperson. 2,226,425; Dec. 24.
Speed regulator. F. H. Gulliksen. 2,217,478; Oct. 8.
Speed regulator. C. R. Hanna. 2,189,633; Feb. 6.
Speed regulator. L. F. Hemphill. 2,220,763; Nov. 5.
Speed regulator. G. E. Howard. 2,224,600; Dec. 10.
Speed regulator. W. Schaelchlin. 2,221,612; Nov. 12.
Speed regulator for automobiles. H. M. Thiele. 2,209,044; July 23.
Speed responsive apparatus. J. W. Logan, Jr. 2,222,801; Nov. 26.
Speed responsive apparatus. A. J. Sorensen. 2,193,045; Mar. 12.
Speed responsive device. H. L. Bone and J. W. Livingston. 2,211,554; Aug. 13.
Speed responsive device. C. I. Hall. 2,206,696; July 2.
Speed reversible transmission, Variable. O. E. Szekely. 2,198,398; Apr. 23.
Speed-sensitive governing means. G. J. Trapp. 2,222,919; Nov. 26.
Speed stabilizing device for sound record films. O. K. Kolb. 2,210,372; Aug. 6.
Speed synchronizer, Multiengine. G. W. Brady. 2,217,856; Oct. 15.
Speed synchronizing unit for twin motors, Automatic. C. Smith. 2,217,971; Oct. 15.
Speed-teller light switch. A. M. Soucy. 2,226,785; Dec. 31.
Speed transmission, Automatic change. E. E. Giesen. 2,222,766; Nov. 26.
Speed transmission, Centrifugally controlled variable. D. Heyer. 2,189,288; Feb. 6.
Speed transmission device, Variable. D. Heyer. 2,207,219; July 9.
Speed transmission device, Variable. D. Heyer. 2,214,854; Sept. 17.
Speed transmission device, Variable. G. T. Pfleger. 2,189,294; Feb. 6.
Speed transmission, Enclosed variable. P. B. Reeves. 2,224,369; Dec. 10.
Speed transmission for motors, Variable. C. E. Johnson. 2,211,503; Aug. 13.
Speed transmission, Infinite variable. A. F. Shields. 2,207,073; July 9.
Speed transmission mechanism, Change. O. H. Banker. 2,198,072; Apr. 23.
Speed transmission, Variable. A. G. Bade. 2,193,794; Mar. 19.
Speed transmission, Variable. A. G. Bade. 2,222,557; Nov. 19.
Speed transmission, Variable. A. Benson. 2,198,471; Apr. 23.
Speed transmission, Variable. E. A. Capocefalo. 2,195,952; Apr. 2.
Speed transmission, Variable. W. A. Duffield. 2,206,859; July 2.
Speed transmission, Variable. L. Fersing. 2,219,984; Oct. 29.
Speed transmission, Variable. C. E. Henriod. 2,205,832; June 25.
Speed transmission, Variable. W. C. Herman. 2,219,184; Oct. 22.
Speed transmission, Variable. R. S. Jacobsen. 2,202,384; May 28.
Speed transmission, Variable. C. B. Lenney. 2,218,651; Oct. 22.
Speed transmission, Variable. D. W. Perin. 2,199,081; Apr. 30.
Speed transmission, Variable. W. P. Schmitter. 2,200,101; May 7.
Speed transmission, Variable. W. P. Schmitter. 2,203,635-6; June 4.
Speed transmission, Variable. W. P. Schmitter and A. G. Bade. 2,203,637; June 4.
Speed transmission, Variable. E. A. Stalker. 2,223,743; Dec. 3.
Speed transmission, Variable. F. J. Sweet. 2,223,135; Nov. 26.
Speed transmission, Variable. O. E. Szekely. 2,198,397; Apr. 23.
Speed transmission, Variable. H. F. Vickers. 2,224,710; Dec. 10.
Speed varying mechanism. D. E. and E. F. Lewellen. 2,185,411; Jan. 2.
Speed warning device. S. H. Caldwell. 2,198,902; Apr. 30.
Speedometer. E. F. Bacon. 2,203,514; June 4.
Speedometer, Electric. R. O. Helgeby. 2,212,232; Aug. 20.
Spider member, Spotted. W. H. Barlow. 2,222,494; Nov. 19.
Spigot, Beer-dispensing. D. Bronico. 2,195,022; Mar. 26.
Spigot for wine casks and the like. J. R. Ricketts. 2,203,968; June 11.
Spike. V. C. Armstrong. 2,209,552; July 30.
Spike device. P. J. Klein and G. Froio. 2,222,747; Nov. 26.
Spike for ties, Railway. E. C. Neal. 2,196,534; Apr. 9.
Spike, Resilient rail. B. Kuckuck. 2,188,084; Jan. 23.
Spike, Resilient railway. H. G. Warr. 2,185,877; Jan. 2.
Spike, Resilient railway. H. G. Warr and G. T. Willard. 2,224,940; Dec. 17.
Spikes, Taking up the play of. A. P. Streit. 2,222,546; Nov. 19.

Spinal adjustment device. F. E. Schuster and H. E. Paul. 2,204,259; June 11.
Spindle. H. B. Ahlberg. 2,220,010; Oct. 29.
Spindle. R. E. Getchell. 2,186,525; Jan. 9.
Spindle. J. Perry. 2,224,104; Dec. 3.
Spindle and band adapted to be wound thereon. A. Marchev and H. P. Keil. 2,194,560; Mar. 26.
Spindle and mounting. R. Shipman. 2,221,725; Nov. 12.
Spindle assembly, Textile. J. Hardy and R. A. Lloyd. 2,201,090; May 14.
Spindle bearing. H. H. Asbridge. 2,225,761; Dec. 24.
Spindle bearing. E. Hamel. 2,219,840; Oct. 29.
Spindle bearing device. H. H. Rothschild. 2,207,896; July 16.
Spindle bracket. E. F. Monnia and A. Marcus. 2,200,700; May 14.
Spindle brake. O. W. Schlums. 2,211,077; Aug. 13.
Spindle construction. L. F. Nenninger. 2,192,856; Mar. 5.
Spindle control mechanism. W. F. Groene and H. J. Siekmann. 2,192,437; Mar. 5.
Spindle, Doorknob. E. W. Ericsson. 2,191,613; Feb. 27.
Spindle, Double twist twisting. O. Bochmann. 2,187,996; Jan. 23.
Spindle, Double twist twisting. O. Bochmann. 2,207,574; July 9.
Spindle, Dyeing. H. W. Butterworth, Jr. 2,220,780; Nov. 5.
Spindle, especially for artificial silk, Twisting. O. Bochmann. 2,210,358; Aug. 6.
Spindle for spinning and doubling frames for wool. A. F. Kowarick. 2,217,371; Oct. 8.
Spindle for spinning frames, Self-centering. J. Raboisson. 2,202,746; May 28.
Spindle for spinning machines, Nonballooning. J. Weinberger. 2,198,020; Apr. 23.
Spindle for strand wrapping machines. S. R. Walsh and H. B. Ahlberg. 2,220,006; Oct. 29.
Spindle for winding machines. J. T. Crandall. 2,204,475; June 11.
Spindle machine, Multiple. J. B. Johnson and M. H. Arms. 2,224,265; Dec. 10.
Spindle mounting. A. E. Winslow. 2,210,787; Aug. 6.
Spindle mounting, Machine tool. F. M. Davis. 2,203,943; June 11.
Spindle, Reinforced. J. F. Schylander. 2,211,031; Aug. 13.
Spindle, Roller bearing twisting. O. Bochmann. 2,207,495; July 9.
Spindle structure for spinning and twister frames. J. A. Kennedy. 2,222,483; Nov. 19.
Spindle, Vertical. L. W. Barnes. 2,212,223; Aug. 20.
Spindle work-clamping mechanism. C. E. Miller. 2,210,092; Aug. 6.
Spindles, Lubricating high-speed. L. B. Pope and G. T. Watt. 2,221,457; Nov. 12.
Spindles, Tool mounting for machine tool. J. M. Rusnak. 2,212,406; Aug. 20.
Spines on elements, Producing. A. F. Hoesel. 2,220,050; Oct. 29.
Spinner and twister ring, Combination ring and bar traveler. L. W. Schaaff. 2,198,791; Apr. 30.
Spinner for aircraft. A. P. de Seversky. 2,194,890; Jan. 23.
Spinner switch, Rotary. C. J. Breitenstein and F. G. Nicolaus. 2,203,889; June 11.
Spinnerette. G. De W. Graves. 2,211,946; Aug. 20.
Spinning. R. P. Roberts and R. MV. Dingley. 2,222,783; Nov. 26.
Spinning and twister frame. J. Paterson. 2,211,731; Aug. 13.
Spinning apparatus for cellulose solutions. J. Feikes. 2,193,316; Mar. 12.
Spinning device. W. R. Benjamin. 2,209,745; July 30.
Spinning device. C. T. Pastor. 2,191,583; Feb. 27.
Spinning mechanism. O. C. Wilson. 2,201,844; May 21.
Mar. 26.
Spinning ring and traveler therefor. H. E. Herr. 2,185,892; Jan. 2.
Spiral spring. L. C. Peskin. 2,192,101; Feb. 27.
Spirometer. H. P. Roth. 2,198,230; Apr. 23.
Splash preventing device for hose nozzles. C. T. Lewis. 2,208,989; July 23.
Splice bar, Controlled-flexing. C. A. Disbrow. 2,212,979; Aug. 27.
Splice, Flexible dead-end. W. Cook. 2,199,283; Apr. 30.
Splice for rods, cables, and the like. G. W. Rehfeld. 2,212,650; Aug. 27.
Splice for steel bearing piles. G. G. Greulich. 2,211,375; Aug. 13.
Spliced cable joint. J. M. Marlborough and J. J. Morrison. 2,195,933; Apr. 2.
Splicer, Timber. P. D. Zillig. 2,224,499; Dec. 10.
Splicer, Wire. J. Blackburn. 2,210,058; Aug. 6.
Splicer, Wire. H. Ruskin. 2,191,544; Feb. 27.
Splicing apparatus. A. C. Robertson. 2,213,744; Sept. 3.
Splicing machine. M. Engler and W. J. Breth. 2,186,286; Jan. 9.
Splined coupling. W. G. Calkins and C. Breer. 2,198,654; Apr. 30.
Splint. D. Gordon. 2,186,456; Jan. 9.
Splint. E. E. Longfellow. 2,191,283; Feb. 20.
Splint, Ambulatory. M. Bryant. 2,189,053; Feb. 6.
Splint, Bone setting. R. Anderson. 2,185,322; Jan. 2.
Splint, Bone-setting. A. A. Thomas. 2,214,490; Sept. 10.
Splint, Cervical. T. C. Ward. 2,223,276; Nov. 26.
Splint, Crutch. W. Kelton and J. W. Fischer. 2,187,323; Jan. 16.
Splint-forming material. S. P. Lovell. 2,218,844; Oct. 22.
Splint, Fracture reducing and immobilization. R. Anderson. 2,200,407; May 14.
Splint, Septum. A. Solo. 2,202,748; May 28.
Splint, Wrist. W. J. Jones. 2,206,404; July 2.
Split crank bearing. W. E. Hubbard. 2,185,917; Jan. 2.
Split sleeve valve. F. R. Maxwell. 2,216,953; Oct. 8.
Split unit. A. L. N. Fleming. 2,191,444; Feb. 27.
Split-washer-removing tool. J. E. Hehir. 2,201,091; May 14.
Splitting device. D. G. Ellis. 2,218,232; Oct. 15.
Splitting machine. T. B. Clarke and H. Boothroyd. 2,190,771; Feb. 20.
Spokes to steering wheel hubs, Anchoring. H. A. Husted. 2,189,005; Feb. 6.
Sponge rubber article and making same. H. R. Minor. 2,199,006; Apr. 30.
Sponge rubber process, Chemical. J. H. Buskirk. 2,216,834; Oct. 8.
Sponge, X-ray opaque. E. F. Lewison. 2,190,431; Feb. 13.
Spongy and cellular products from rubber and rubber-like materials, Manufacture of. J. A. Talalay. 2,206,757; July 2.
Spool. H. M. Byers. 2,190,013; Feb. 13.
Spool. H. C. Howsam. 2,208,456; July 16.
Spool. B. C. Johnson. 2,194,795; Mar. 26.
Spool. C. C. Scholl. 2,190,085; Feb. 13.
Spool. D. S. Starring and A. Siepian. 2,205,441; June 25.
Spool and constructing the same, Thread. D. Marinsky and L. H. Morin. 2,200,721; May 14.
Spool and constructing the same, Thread. L. H. Morin and D. Marinsky. 2,200,720; May 14.
Spool and guide support therefor, Winding. O. W. Schlums. 2,211,078; Aug. 13.
Spool and tube applicable thereto. E. T. Allan. 2,186,133; Jan. 9.
Spool bracket. G. Strocco and P. Gusmarino. 2,187,386; Jan. 16.
Spool carriage, Film. H. O. Drotning. 2,193,022; Mar. 12.
Spool construction. A. R. Swanson. 2,212,309; Aug. 20.
Spool driving mechanism. F. Hambleton and W. T. Prescott. 2,219,868; Oct. 29.
Spool for films, Box shaped. A. L. V. C. Debrie. 2,191,849; Feb. 27.
Spool holding means, Sewing machine. R. F. List and J. W. Dawson. 2,220,969; Nov. 12.
Spool or beam, Metal. J. M. Wood. 2,186,745; Jan. 9.
Spool or bobbin. H. D. Clinton. 2,225,551; Dec. 17.
Spool or reel. R. V. Olson and B. A. Johnson. 2,212,377; Aug. 20.
Spool, Ribbon. C. E. Bezanson. 2,193,158; Mar. 12.
Spool winding machine. W. F. Widman. 2,224,845; Dec. 17.
Spool winding means for cameras. W. E. Tait. 2,204,518; June 11.
Spoon and fork, Convertible. M. L. Goldstein. 2,216,005; Sept. 24.
Spoon, Fishing. W. E. Haselwood. 2,213,701; Sept. 3.
Spoon, fork, or like article. F. S. Trumbull. 2,198,355; Apr. 23.
Spoon hook. I. Erickson. 2,214,668; Sept. 10.
Spoon, Ice. G. M. Blomqvist. 2,196,244; Apr. 9.
Spoon, Trolling. L. J. Eppinger. 2,197,209; Apr. 16.
Sport timing apparatus. R. Steeneck, R. F. Dirkes, and R. B. White. 2,211,868; Aug. 20.
Sport vehicle. M. Hagenes. 2,198,667; Apr. 30.
Spotlight. J. B. Palermo and W. Paster. 2,210,554; Aug. 6.
Spotlight. J. K. Russell. 2,212,048; Aug. 20.
Spotlight. L. E. O. Walker. 2,192,114; Feb. 27.
Spotlight or the like. N. A. Tornblom. 2,191,049; Feb. 20.
Spot-saturated composition board. E. C. Knoblock. 2,210,321; Aug. 6.
Spot-testing of coating metals. N. P. Veeder. 2,192,248; Mar. 5.
Spot welder, On the fly, multiple. J. R. Lex. 2,213,709; Sept. 3.
Spot-welding machine, Portable. W. T. Bitler, J. R. Bower, and R. P. McBride. 2,190,692; Feb. 20.
Spot welding timer. F. H. Gulliksen. 2,220,151; Nov. 5.
Spotting unit. D. S. Whisenhunt. 2,219,830; Oct. 29.
Spout for containers, Detachable. J. B. Englert. 2,203,133; June 4.
Spout for liquid containers and attaching the same thereto. R. C. Masterson. 2,185,413; Jan. 2.
Spout for milk bottles, Pouring. J. H. Mueller. 2,197,766; Apr. 23.
Spout for tilting crucibles, Runner. F. South, Jr. 2,195,523; Apr. 2.
Spout, Full flow full tank nozzle. E. D. Featherston. 2,205,351; June 18.
Spout, Pouring. G. D. Rogers. 2,225,660; Dec. 24.
Spout, Threaded container. P. Witte. 2,209,045; July 23.

Spout, Utensil. V. A. Bradford. 2,216,407; Oct. 1.
Spouting system for type casting machines. G. L. Curle. 2,186,801; Jan. 9.
Spray. C. W. Torbert. 2,209,861; July 30.
Spray apparatus. F. F. Lindstaedt. 2,188,366; Jan. 30.
Spray booth. G. P. McGraw. 2,217,345; Oct. 8.
Spray coating apparatus. D. G. Birmingham. 2,217,724; Oct. 15.
Spray composition. G. H. Coleman. 2,207,721; July 16.
Spray composition. G. H. Coleman and C. L. Moyle. 2,205,394; June 25.
Spray composition. G. H. Coleman and J. W. Zemba. 2,194,924; Mar. 26.
Spray, Dental. W. J. Hooper. 2,187,586; Jan. 16.
Spray device. S. Meyer. 2,213,846; Sept. 3.
Spray device, Self-cleaning hydraulic. E. B. Hudson. 2,188,354; Jan. 30.
Spray device, Universal. O. Zimmerman. 2,212,533; Aug. 27.
Spray draft unit for humidifying and temperature control apparatus. W. M. Niehart. 2,217,130; Oct. 8.
Spray head. J. S. Judell and M. W. Held. 2,200,503; May 14.
Spray head. G. B. Nystrom. 2,222,465; Nov. 19.
Spray head. R. W. Tracy. 2,214,035; Sept. 10.
Spray machine. L. E. Pitner. 2,221,433; Nov. 12.
Spray painting machine. W. L. G. Pollard, Jr. 2,213,108; Aug. 27.
Spray, Parasiticidal oil. F. F. Lindstaedt. 2,210,420; Aug. 6.
Spray producer. E. A. Preston. 2,220,275; Nov. 5.
Spray residues, Removing. B. A. Dombrow and L. T. Rosenberg. 2,223,168; Nov. 26.
Spray rig or the like. R. M. Magnuson. 2,193,338; Mar. 12.
Sprayer. R. Bernhardt. 2,185,534; Jan. 2.
Sprayer. F. J. Gifford. 2,218,790; Oct. 22.
Sprayer. F. J. Gifford. 2,220,227; Nov. 5.
Sprayer. I. Jepson. 2,211,823; Aug. 20.
Sprayer. M. H. Smith. 2,218,860; Oct. 22.
Sprayer, Orchard. H. R. Vaage. 2,218,776; Oct. 22.
Sprayer, Sand. G. Dashner. 2,211,256; Aug. 13.
Sprayer with agitator. H. E. Brandt. 2,192,256; Mar. 5.
Spraying and dusting machine. G. W. Daugherty. 2,220,082; Nov. 5.
Spraying apparatus. F. W. Guibert. 2,187,376; Jan. 16.
Spraying apparatus. G. S. Simmons. 2,211,519; Aug. 13.
Spraying apparatus. A. J. Tucci. 2,203,851; June 11.
Spraying apparatus. D. A. Wallace, R. L. Smith, and A. M. Fleming. 2,195,475; Apr. 2.
Spraying appliance. H. Eicken. 2,209,261; July 23.
Spraying attachment. H. M. Lineman. 2,218,759; Oct. 22.
Spraying attachment for tractors. R. W. Stayton. 2,210,346; Aug. 6.
Spraying device. R. Bernhardt. 2,208,067; July 16.
Spraying device. A. Krautzberger. 2,196,800; Apr. 9.
Spraying device. W. F. Ohme and R. C. Stephan 2,217,324; Oct. 8.
Spraying device. L. J. Stern. 2,207,834; July 16.
Spraying device. W. M. Vogel. 2,194,339–40; Mar. 19.
Spraying device. J. Wittek. 2,190,639; Feb. 13.
Spraying implement, Hand. E. Klett. 2,195,929; Apr. 2.
Spraying machine. T. F. Bracket. 2,203,940; June 11.
Spraying machine. C. O. Dailey and P. P. Metz. 2,199,151; Apr. 30.
Spraying machine. B. H. Smith. 2,221,494; Nov. 12.
Spraying machine. R. L. Smith. 2,215,668; Sept. 24.
Spraying machine, Poison. C. Kosik. 2,193,285; Mar. 12.
Spraying mechanism. A. E. Gleason. 2,210,934; Aug. 13.
Spraying receptacle, Compressible. G. Hübner and W. Friedrichs. 2,207,294; July 9.
Spreader. I. R. Pierson and A. Amrhyn. 2,219,505; Oct. 29.
Spreader. O. U. Schofield. 2,223,922; Dec. 3.
Spreader. E. Washburn. 2,187,716; Jan. 23.
Spreader, Circular. M. R. Reed. 2,205,155; June 18.
Spreader for concrete forms. S. S. Colt. 2,190,700; Feb. 20.
Spreader leaf, Auxiliary. D. W. Pound. 2,192,802; Mar. 5.
Spreader machine. A. B. Peterson. 2,211,435; Aug. 13.
Spreader, Paving material. V. Lathrop. 2,188,553; Jan. 30.
Spreading agent for photographic emulsions. G. L. Boomer. 2,190,645; Feb. 20.
Spreading and grading attachment for scrapers. A. C. Gurries. 2,203,616; June 4.
Spring: *See*—

Elliptic spring.	Plate spring.
Friction bolster spring.	Pneumatic spring.
Furniture tie spring.	Spiral spring.
Joint equalizer spring.	Vehicle spring.
Leaf spring.	

Spring. J. P. Burke. 2,217,941; Oct. 15.
Spring and making same, Volute. T. R. Weber. 2,220,857; Nov. 5.
Spring and making the same. A. J. Berg and J. O. Huse. 2,211,760; Aug. 20.
Spring and sway control system for wheeled vehicles. C. A. Tschanz. 2,198,019; Apr. 23.
Spring-applied brake. B. Dick. 2,215,546; Sept. 24.
Spring arrangement for railway trucks, Coil and leaf. C. L. Orr. 2,225,793; Dec. 24.
Spring assembly. E. J. Condon. 2,217,156; Oct. 8.
Spring assembly. D. I. Levine. 2,197,131; Apr. 16.
Spring assembly for upholstery. W. W. Gleason. 2,196,526; Apr. 9.
Spring assembly for upholstery. R. W. Lotz; 2,186,548; Jan. 9.
Spring base for machines. R. W. Preston. 2,211,385; Aug. 13.
Spring clamp. O. F. Tallman. 2,203,621; June 4.
Spring clip. G. W. Crabtree 2,214,223; Sept. 10.
Spring clip. A. Krakauer. 2,224,824; Dec. 10.
Spring clip device. J. H. Van Uum. 2,221,009; Nov. 12.
Spring construction. H. Hopkes. 2,214,136; Sept. 10.
Spring construction. D. E. Sargent. 2,193,743; Mar. 12.
Spring construction, Leaf. K. K. Probst. 2,202,301; May 28.
Spring contact. F. Forsman. 2,187,023; Jan. 16.
Spring-controlled mechanism. G. Carwardine. 2,190,400; Feb. 13.
Spring device. C. M. Sloman and H. Hierta. 2,203,342; June 4.
Spring device. J. K. Wood. 2,208,064; July 16.
Spring device. G. A. Woodman. 2,219,001; Oct. 22.
Spring device, Fluid pressure. S. L. C. Coleman. 2,207,088; July 9.
Spring fastening device, Double coil. J. W. Albin. 2,186,746; Jan. 9.
Spring for cushioned seats, Wire. M. Freund. Re. 21,621; Nov. 12.
Spring for motor vehicle suspension, Laminated rubber tension. J. F. Soper. 2,193,081; Mar. 12.
Spring for piston rings. E. G. Malpas. 2,191,697; Feb. 27.
Spring for range finder bracket, Centering. H. O. Drotning. 2,221,021; Nov. 12.
Spring frame construction. W. L. Tibbals. 2,194,103; Mar. 19.
Spring insert for spring assemblies. W. W. Gleason. 2,211,925; Aug. 20.
Spring jack. C. W. La Marsh. 2,194,981; Mar. 26.
Spring latch. J. Visser. 2,221,959; Nov. 19.
Spring mechanism for oil well devices. H. Hügel. 2,216,554; Oct. 1.
Spring, Method of and tool for making a. A. J. Berg and J. O. Huse. 2,211,761; Aug. 20.
Spring motor. A. F. Indrieri. 2,222,100; Nov. 19.
Spring motor. R. G. Le Tourneau. 2,214,138; Sept. 10.
Spring plate. J. M. Hall. 2,199,339; Apr. 30.
Spring rigging construction. J. C. Maris. 2,223,291; Nov. 26.
Spring rigging for bolster type trucks. W. R. Elsey. 2,197,720; Apr. 16.
Spring rigging for locomotive trailer trucks. J. C. Maris. 2,223,290; Nov. 26.
Spring ring. A. C. E. Waller. 2,222,053; Nov. 19.
Spring seat. W. Howard. 2,191,317; Feb. 20.
Spring seat, Form fitting metal. C. W. Nelems. 2,203,598; June 4.
Spring stabilizer. F. A. Geb. 2,201,531; May 21.
Spring structure. A. H. Haberstump. 2,218,708; Oct. 22.
Spring structure. E. P. Krajewski. 2,208,035; July 16.
Spring structure for cushioned seats. M. Freund. 2,207,054; July 9.
Spring structure for use in bed mattresses, pillows, and cushions. H. Hickman. 2,214,135; Sept. 10.
Spring structure, Inner. R. C. Winders. 2,226,040; Dec. 24.
Spring structure, Upholstery. W. W. Gleason. 2,202,052; May 28.
Spring suspension. B. H. Anibal. 2,207,367; July 9.
Spring suspension. W. Boxan. 2,212,769; Aug. 27.
Spring suspension. S. L. C. Coleman. 2,215,751; Sept. 24.
Spring suspension. D. Pica. 2,203,392; June 4.
Spring suspension. F. M. Reid. 2,191,941; Feb. 27.
Spring suspension. K. L. Schiff. 2,220,916; Nov. 12.
Spring suspension for automotive vehicles. W. H. Collier. 2,211,647; Aug. 13.
Spring suspension for vehicle wheels. H. Weber. 2,187,921; Jan. 23.
Spring suspension for vehicles. W. S. Austin. 2,224,717; Dec. 10.
Spring suspension for vehicles. A. F. Hickman. 2,210,241; Aug. 6.
Spring suspension for vehicles. C. D. Willson. 2,194,964; Mar. 26.
Spring suspension means for curve compensation, Vehicle link. J. Kolbe. 2,226,435; Dec. 24.
Spring suspension of automobiles. M. Klavík. 2,194,395; Mar. 19.
Spring suspension, Vehicle. A. F. Hickman. 2,198,616; Apr. 30.
Spring system. E. Kreissig and F. Tönne. 2,203,095; June 4.
Spring tensioning device. M. Sottnek. 2,196,817; Apr. 9.
Spring unit. H. P. Nordmark. 2,217,290; Oct. 8.
Spring unit. A. O. Williams. Re. 21,612; Oct. 29.
Spring unit. A. O. Williams. 2,205,586; June 25.
Spring unit for spring cushion. M. Freund. 2,201,997; May 28.
Spring Unit, Nonharmonic load supporting. C. J. Holland. 2,189,208; Feb. 6.
Spring unit, Railway truck. D. S. Barrows and E. H. Blattner. 2,198,261; Apr. 23.

Springing arrangement. K. Rabe. 2,223,741; Dec. 3.
Springing arrangement. O. Siebler and W. Boxan. 2,199,896; May 7.
Springing arrangement. O. Siebler and W. Boxan. 2,202,436; May 28.
Springing arrangement. O. Siebler and W. Boxan. 2,212,458; Aug. 20.
Springing for railway trucks. C. D. Barrett and C. R. Whitehead. 2,199,907; May 7.
Springing, Independent. J. W. Leighton. 2,188,910; Feb. 6.
Springing, Individual. J. W. Leighton. 2,188,952; Feb. 6.
Springing, Individual. J. W. Leighton. 2,193,137; Mar. 12.
Springing system of vehicles. S. Fischer. 2,186,065; Jan. 9.
Springs, Forming and tempering helical. C. A. Widgren. 2,218,864; Oct. 22.
Springs in automobiles, Mounting of axle. M. Klavík. 2,200,177; May 7.
Springs, Manufacture of resilient. R. C. Pierce. 2,208,052; July 16.
Springs, Manufacturing coil. L. A. Young, H. W. Hathaway, and B. Heilman. 2,219,376; Oct. 29.
Sprinkler. G. Buelna. 2,212,008–9; Aug. 20.
Sprinkler. L. R. Nelson. 2,221,878; Nov. 19.
Sprinkler. R. H. Russell. 2,199,142; Apr. 30.
Sprinkler. R. W. Strawn. 2,226,028; Dec. 24.
Sprinker, Automatic. F. Blaschke. 2,216,154; Oct. 1.
Sprinkler, Condiment. L. W. Nerney. 2,187,245; Jan. 16.
Sprinkler control system. J. R. Ginnaty. 2,203,138; June 4.
Sprinkler, Garden and lawn. H. P. Jacobson and H. K. Day. 2,193,369; Mar. 12.
Sprinkler head. P. De Lacy-Mulhall. 2,214,852; Sept. 17.
Sprinkler head. C. Elliot. 2,211,106; Aug. 13.
Sprinkler head. E. A. Lowe. 2,213,527; Sept. 3.
Sprinkler head. S. L. Winslow. 2,211,399; Aug. 13.
Sprinkler, Intermittent rotation. W. A. Buckner. 2,214,990; Sept. 17.
Sprinkler, Lawn. A. Anderson. 2,200,017; May 7.
Sprinkler, Lawn. J. D. Lewis. 2,202,349; May 28.
Sprinkler system, Automatic. W. B. Griffith. 2,212,562; Aug. 27.
Sprinkling apparatus. W. H. Coles and B. J. Nelson. 2,223,441; Dec. 3.
Sprinkling apparatus, Group. F. B. Charroin. 2,196,456; Apr. 9.
Sprinkling means. D. E. Richardson. 2,210,180; Aug. 6.
Sprocket device. B. Stechbart. 2,205,546; June 25.
Sprocket for chain saws, Drive. M. L. Forrest. 2,197,211; Apr. 16.
Sprocket, Two-speed. L. G. Bowen. 2,214,828; Sept. 17.
Sprocket wheel. W. C. Boldt. 2,199,688; May 7.
Sprocket wheel for bicycles, Variable drive. G. C. Monckmeier. 2,195,280; Mar. 26.
Spud. Lock seamed. H. M. Sheridan. 2,187,503; Jan. 16.
Spudding machine. L. T. Peyton and E. W. Gilkey. 2,220,271; Nov. 5.
Square, Rafter and brace. L. A. Park. 2,198,948; Apr. 30.
Square, Roofing. P. H. Atherley. 2,193,793; Mar. 19.
Squeegee. C. Ginsberg. 2,225,432; Dec. 17.
Squeegee, Adjustable floor. L. Ehrlich. 2,197,927; Apr. 23.
Stabilizer. M. B. Briggs. 2,196.436; Apr. 9.
Stabilizer. S. H. Caldwell. 2,213,690; Sept. 3.
Stabilizer. G. H. Hedrick. 2,215,755; Sept. 24.
Stabilizer for airplanes, Automatic lateral. S. Wabeke. 2,218,272; Oct. 15.
Stabilizer for trailers. H. W. Howley. 2,202,658; May 28.
Stabilizer for vehicles. B. D. McIntyre. 2,194,832; Mar. 26.
Stabilizer for vehicles. G. V. Woodling. 2,194,346; Mar. 19.
Stabilizer, Machinery base. W. D. Leonard. 2,200,859; May 14.
Stabilizer, Sway. D. E. Austin. 2,186,279; Jan. 9.
Stabilizer, Vehicle. H. S. Dwight. 2,211,650; Aug. 13.
Stabilizers for fibrous textile materials. W. P. ter Horst. 2,218,185; Oct. 15.
Stabilizing and orienting apparatus. J. M. Boykow. 2,208,207; July 16.
Stabilizing device. G. Z. von Manteuffel. 2,200,196; May 7.
Stabilizing device for ships. C. von den Steinen. 2,190,617; Feb. 13.
Stabilizing device for vehicles. D. Stringher. 2,193,303; Mar. 12.
Stabilizing hanger for gliders. H. A. Yerrick. 2,212,723; Aug. 27.
Stabilizing means for electric circuits. H. P. Kalmus and B. A. Silard. 2,219,928; Oct. 29.
Stabilizing mechanism for vehicles. J. D. Altemus. 2,216.930; Oct. 8.
Stabilizing method and device. J. Neufeld. 2,190,037; Feb. 13.
Stabilizing suspension system for motor-driven vehicles. A. B. Broluska. 2,222,397; Nov. 19.
Stacker and loader. Combination buck. P. Reinert. 2,188,724; Jan. 30.
Stacker, Bail. F. Redman. 2,198,849; Apr. 30.
Stacker, Sheet material. N. R. Jones and B. R. Carson. 2,220,157; Nov. 5.
Stacking device. E. N. Neckel. 2,224,606; Dec. 10.
Stacking mechanism. Q. E. Bashore. 2,193,264; Mar. 12.
Stadium-seat bracket, Adjustable. C. Fuss. 2,211,374; Aug. 13.
Staff tip. G. Beiter. 2,209,504; July 30.
Stage cementing, Multiple. W. D. Owsley and R. L. Shook. 2,201,299; May 21.
Stair construction. J. R. O'Donnell. 2,205,859; June 25.
Stair tread. M. Fioritto. 2,190,446; Feb. 13.
Stair tread and floor slab surfacing. H. P. Nelson. 2,216,250; Oct. 1.
Stair tread, Auxiliary. J. R. Boyd. 2,206,862; July 9.
Staircase, Metal. R. C. Skeel and W. W. Krauss. 2,193,146; Mar. 12.
Stairway, Disappearing. E. P. Garner. 2,203,086; June 4.
Stairway, Folding. F. Jachim. 2,220,155; Nov. 5.
Stairway handrail drive, Moving. S. G. Margles. 2,211,427; Aug. 13.
Stairway, Moving. J. Dunlop. 2,193,583; Mar. 12.
Stairway, Moving. J. Dunlop. 2,214,580; Sept. 10.
Stairway, Moving. J. Dunlop. 2,225,772; Dec. 24.
Stairway, Portable sectional. R. E. Reynolds. 2,192,151; Feb. 27.
Stakes, posts, poles, and the like, Impregnating. W. Ludwig. 2,186,648; Jan. 9.
Staking machine. D. Edgar. 2,201,994; May 28.
Staking machine. G. A. Schettler. 2,204,625; June 18.
Stall, Animal. E. Gandrud. 2,221,046; Nov. 12.
Stall, Animal. R. J. Murdock. 2,220,666; Nov. 5.
Stall warning system for aircraft. E. F. Saxman, Jr. 2,193,077; Mar. 12.
Stamp. H. J. Melind. 2,193,564; Mar. 12.
Stamp and method of forming. F. W. Humphner. 2,205,956; June 25.
Stamp holder. W. Betz. 2,199,456; May 7.
Stamp issuing machine. F. Q. Rast. 2,226,980; Dec. 31.
Stamp, label, and the like. G. M. Eisenberg. 2,225,520; Dec. 17.
Stamp or the like. I. L. Pollack. 2,200,893; May 14.
Stamp pocket for album mounting, Transparent. P. Zimmer. 2,203,887; June 11.
Stamp printing, Automatic postage. A. R. Kivialho and T. P. Koljonen. 2,191,667; Feb. 27.
Stamp, Rubber hand. C. B. Parker. 2,207,756; July 16.
Stamp-securing device. H. O. Weege. 2,194,105; Mar. 19.
Stamping head. W. N. Freed. 2,212.438; Aug. 20.
Stamping machine. H. O. Bates. 2,213,831; Sept. 3.
Stamping machine. L. Saives. 2,196,782; Apr. 9.
Stamping machine, Rotary. K. Serai. 2,195,135; Mar. 26.
Stamps to packaged goods, Applying tax. F. A. Miller. 2,207,930; July 16.
Stand: *See*—
Accordion stand.
Beach stand
Bicycle stand.
Christmas tree stand.
Collapsible serving stand.
Display stand.
Drawing stand.
Exercising stand.
Filling stand.
Flatiron stand.
Hygienic stand.
Index stand.
Iron stand.
Laboratory stand.
Lamp stand.
Magazine stand.
Music stand.
Office stand.
Paper cutter stand.
Reference stand.
Refrigerated vegetable
Releasing overload spring.
stand.
Reservoir desk stand.
Rim stand.
Saw display stand.
Serving stand.
Shoe display stand.
Smoker's stand.
Soldering iron stand.
Stenographer's pencil
stand.
Supporting stand.
Tire changing stand.
Tire stand.
Vehicle supporting stand.
Washing machine stand.
Web roll stand
Stand. W. P. Lamar. 2,186,300; Jan. 9.
Stand. T. Schaeffer. 2,194,987; Mar. 26.
Stand and attachment, Striking bag. E. Bullis and M. Stechler. 2,186,403; Jan. 9.
Stand and cord support, Flatiron. H. J. Hauck. 2,194,224; Mar. 19.
Stand and heater. R. W. Christofferson. 2,189,165; Feb. 6.
Stand and rubber utilities cabinet, Combination umbrella. H. Cohen. 2,199,194; Apr. 30.
Stand for cloth cutting machines and the like, slide. P. Smith. 2,211,082; Aug. 13.
Stand for dandy roll, Supporting. P. S. Sinclair. 2,220,853; Nov. 5.
Stand for hanging canvas. J. L. Kroeger and W. T. Goff. 2,222,078; Nov. 19.
Stand for kitchenware, Counter display. T. S. Morton, Jr. 2,225,376; Dec. 17.
Stand for vats, Transportable. A. D. Donnell and A. Miller. 2,218,022; Oct. 15.
Stand or the like, Receptacle. W. R. Beckman. 2,215,952; Sept. 24.
Stand with letter balance, Collapsible advertisement. W. Jonas. 2,186,913; Jan. 9.
Stands, Soldering iron. W. A. Kuehl. 2,213,367; Sept. 3.
Standard, Display. J. Veccia. 2,187,870; Jan. 23.
Standard, Seat end. E. B. Morgan and C. E. Yost. 2,203,304; June 4.

Staple. W. M. Stone. 2,191,869; Feb. 27.
Staple blank. C. B. Goodstein. 2,202,905; June 4.
Staple clip. W. L. Sorenson. 2,222,726; Nov. 26.
Staple cutting apparatus. W. E. Neff. 2,217,766; Oct. 15.
Staple cutting machine, Rotary. J. Ellis. 2,221,022; Nov. 12.
Staple puller. G. A. Seward. 2,212,080; Aug. 20.
Staple remover. W. E. de Generes. 2,215,662; Sept. 24.
Staple remover. W. Drypolcher. 2,202,984; June 4.
Staple strip. S. M. Obstfeld. 2,224,461; Dec. 10.
Staple strip manufacture. G. E. Ryan. 2,223,241; Nov. 26.
Stapling device. M. Abrams. 2,205,709; June 25.
Stapling device and method. E. R. Posnack. 2,185,518; Jan. 2.
Stapling machine. C. W. Castle. 2,213,691; Sept. 3.
Stapling machine. L. B. Cook. 2,214,953; Sept. 17.
Stapling machine. R. G. Hoffert. 2,194,225; Mar. 19.
Stapling machine. F. C. Houwen. 2,225,054; Dec. 17.
Stapling machine. S. Inglis. 2,217,411; Oct. 8.
Stapling machine. J. T. Kilbride. 2,218,794; Oct. 22.
Stapling machine. J. T. Kilbride. 2,223,322; Nov. 26.
Stapling machine. L. D. Lawrence. 2,216,474; Oct. 1.
Stapling machine. A. V. MacDonald, R. A. Minkler and H. Iske. 2,202,259; May 28.
Stapling machine. G. C. Passek. 2,195,283–4; Mar. 26.
Stapling machine. F. Paulin. 2,216,453; Oct. 1.
Stapling machine. A. H. Schmidtke. 2,199,679; May 7.
Stapling machine, Electric. J. J. Oussani. 2,205,861; June 25.
Stapling mechanism. C. G. Quick and R. W. Fowles. 2,207,413; July 9.
Stapling mechanism. C. G. Quick and R. W. Fowles. 2,211,027; Aug. 13.
Star, Decorative. J. C. Koonz. 2,199,435; May 7.
Stars and manufacture, Sheet of. C. S. Price. 2,188,310; Jan. 30.
Starch adhesive and adhesive base, Manufacture of. P. D. Coppock. 2,194,216; Mar. 19.
Starch amines. A. A. Houghton. 2,206,354; July 2.
Starch, and making and using the same, Modified anti-oxygenic. S. Musher. 2,198,197; Apr. 23.
Starch and making same, Alkali treated. G. J. Leuck. 2,222,875; Nov. 26.
Starch and process, Water resistant. G. J. Leuck. 2,222,873; Nov. 26.
Starch and production of same, Chlorinated. J. Nicolson. 2,221,552; Nov. 12.
Starch conversion product and manufacture, Nonhygroscopic. O. Wolff. 2,192,951–2; Mar. 12.
Starch conversion products, Manufacturing dried. J. F. Walsh. 2,189,824; Feb. 13.
Starch, Dehydrated. G. J. Leuck. 2,222,874; Nov. 26.
Starch hydrolysis. W. R. Fetzer. 2,210,659; Aug. 6.
Starch manufacture, Process applicable to. A. and A. Peltzer, Jr. 2,186,037; Jan. 9.
Starch product, Making a potato. W. S. Bowen. 2,185,368; Jan. 2.
Starch product, water insoluble or water-resistant. G. J. Leuck. 2,222,872; Nov. 26.
Starch, Soluble making. W. A. Nivling. 2,204,615; June 18.
Starch, Thermophilic. H. H. Schopmeyer and G. E. Felton. 2,218,221; Oct. 15.
Starch upon fibers used in the manufacture of paper, Precipitation of. B. W. Rowland. 2,207,555; July 9.
Starches, Preparation of pregelatinized starches. H. F. Bauer. 2,216,179; Oct. 1.
Starching machine. N. Elam and J. D. Stone. 2,206,170; July 2.
Starching machine. H. D. Forse. 2,219,920; Oct. 29.
Starching machine. R. J. Jacker. 2,208,847; July 23.
Starching machine. G. J. Reinitz. 2,210,730; Aug. 6.
Starching machine. G. J. Reinitz. 2,218,096; Oct. 15.
Starching mechanism. W. B. Hutchings. 2,224,019; Dec. 3.
Start-stop repeater system. L. M. Potts. 2,195,973; Apr. 2.
Start-stop repeater system. L. M. Potts. 2,214,910; Sept. 17.
Starter. R. G. Rinot. 2,204,698; June 18.
Starter control, Engine. K. F. Douglas. 2,201,393; May 21.
Starter control, Engine. M. H. Elkin. 2,202,550; May 28.
Starter control for internal combustion engines. Y. Sekella. 2,197,715; Apr. 16.
Starter drive. W. O. Rose. 2,199,714; May 7.
Starter, Electrically operated engine. C. E. Clouston. 2,204,573; June 18.
Starter, Engine. K. Berger. 2,196,969; Apr. 16.
Starter, Engine. R. Chilton. 2,209,049; July 23.
Starter, Engine. J. W. Fitz Gerald. 2,201,432; May 21.
Starter, Engine. J. W. Fitz Gerald. 2,203,724; June 11.
Starter, Engine. J. W. Fitz Gerald. 2,207,092; July 9.
Starter, Engine. J. W. Fitz Gerald. 2,221,083–5; Nov. 12.
Starter, Engine. O. F. Gottlieb, I. M. Jones, and E. E. Kohls. 2,201,310; May 21.
Starter, Engine. R. M. Nardone. 2,203,795; June 11.
Starter for engines. R. Odell. 2,203,338; June 4.
Starter for internal combustion engines, Mechanical. W. C. Conover. 2,204,750; June 18.
Starter, Ignition. J. Slepian. 2,205,226; June 18.
Starter mechanism. R. P. Lansing. 2,195,151; Mar. 26.
Starter, Motor. G. Dalkowitz. 2,226,697; Dec. 31.
Starter, Motor. F. H. Winter. 2,223,278; Nov. 26.
Starter with cushioned start, Across-the-line motor. G. W. Peters. 2,211,985; Aug. 20.
Starting and governing device for impellers. J. R. Albers. 2,215,456; Sept. 24.
Starting and ignition system. A. B. Newton. 2,222,568; Nov. 19.
Starting and stopping mechanism. R. N. Sandberg. 2,226,782; Dec. 31.
Starting apparatus. R. C. Smith. 2,200,781; May 14.
Starting apparatus, Engine. H. Baer and M. J. Finnegan. 2,199,328; Apr. 30.
Starting apparatus for internal combustion engines. D. H. Graham, G. Tabberer, and B. E. G. Forsling. 2,206,723; July 2.
Starting apparatus for racing. M. R. Cowell. 2,211,457; Aug. 13.
Starting arrangement for fuel injection internal combustion engines. M. Hurst, R. Hammer, and E. Raithelhuber. 2,195,927; Apr. 2.
Starting box. T. A. Keen. 2,200,504; May 14.
Starting burner. H. Ekström. 2,219,414; Oct. 29.
Starting control for synchronous motors. C. C. Shutt and J. W. Dawson. 2,205,222–4; June 18.
Starting device. H. L. Boldt. 2,224,249; Dec. 10
Starting device. G. Broulhiet. 2,194,996; Mar. 26.
Starting device. S. Ysskin. 2,219,672; Oct. 29.
Starting device for high compression engines. R. D. Acton. 2,190,34; Feb. 13.
Starting device for internal combustion engines, Automatic. E. L. McKinney and H. E. Eagle. 2,192,289; Mar. 5.
Starting mechanism for internal combustion engines. R. M. Critchfield. 2,211,053; Aug. 13.
Starting mechanism, Gas operated. N. Herzmark. 2,204,308; June 11.
Starting system for compression ignition engines. A. W. Bach. 2,190,348; Feb. 13.
Starting system for internal combustion engines or the like. J. S. Kauffman. 2,188,902; Feb. 6.
Static eliminating method and apparatus. H. L. Moir. 2,195,185; Mar. 26.
Static grounding device for vehicles. H. J. Crawford. 2,216,363; Oct. 1.
Static limitation in radio receivers. P. M. Haffcke. 2,192,189; Mar. 5.
Static pressure regulator. J. M. Larson. 2,210,868; Aug. 6.
Static pressure valve. G. T. Downey. 2,185,889; Jan. 2.
Static reduction by signal controlled potentials. P. M. Haffcke. 2,221,795; Nov. 19.
Static, System for reducing. P. M. Haffcke. 2,212,540; Aug. 27.
Station indicating device. K. J. Brunov. 2,188,621; Jan. 30.
Station preselector. D. C. Manning and L. S. Depweg. 2,217,066; Oct. 8.
Station selection by printer selector. D. S. Hulfish. 2,211,232; Aug. 13.
Station selector. A. H. Turner. 2,189,304; Feb. 6.
Stationery, Making manifolding. F. N. Guilbert. 2,213,123; Aug. 27.
Statistical apparatus. H. E. Humphries. 2,194,072; Mar. 19.
Stator for dynamoelectric machines, Water-cooled. R. A. Baudry. 2,217,430; Oct. 8.
Staybolt construction for boilers, Flexible. J. Kindervater. 2,197,745; Apr. 16.
Stay for doors of motor vehicles and the like. T. H. Butchart. 2,187,553; Jan. 16.
Stay, Window. A. Ronning. 2,195,426; Apr. 2.
Stay, Window. A. Ronning. 2,217,079; Oct. 8.
Stays, Manufacturing flexible. J. R. Bux. 2,190,469; Feb. 13.
Steam and air engine. A. C. Gonzalez. 2,221,969; Nov. 19.
Steam and gas separator. W. A. Sandberg. 2,193,209; Mar. 12.
Steam and water mixing device, Regenerative. H. H. Decker. 2,212,288; Aug. 20.
Steam and water trap. M. E. Brunderman. 2,215,998; Sept. 24.
Steam applying device. F. Gallagher. 2,226,426; Dec. 24.
Steam boiler. E. G. Bailey. 2,186,919; Jan. 9.
Steam boiler. J. E. Brantly. 2,189,443; Feb. 6.
Steam boiler. E. H. Donley. 2,217,512; Oct. 8.
Steam boiler. G. D. Ebbets and C. H. Gay. 2,212,115; Aug. 20.
Steam boiler. L. W. Heller. 2,219,842; Oct. 29.
Steam boiler. G. A. Rehm. 2,194,098; Mar. 19.
Steam boiler. W. H. Rowand and C. U. Savoye. 2,206,336; July 2.
Steam boiler, sectional. W. G. Cartter. 2,196,102; Apr. 2.
Steam condenser arrangement, Marine. H. H. Curry. 2,220,081; Nov. 5.
Steam distribution and control for locomotives. J. C. Maris. 2,187,571; Jan. 16.
Steam drive plant for vehicles. H. C. Egloff. 2,193,863; Mar. 19.
Steam engine, Multicylinder. A. A. G. Magis. 2,209,655; July 30.

Steam engine, Multiple-expansion piston. W. Rieger. 2,198,552; Apr. 23.
Steam engine, Superheated. H. M. Arnold. 2,194,000; Mar. 19.
Steam gauge. M. Klein. 2,186,872; Jan. 9.
Steam generating apparatus. W. D. La Mont. 2,201,617; May 21.
Steam generating apparatus. W. D. La Mont. 2,201,626; May 21.
Steam generator. E. G. Bailey. 2,196,889; Apr. 9.
Steam generator. W. Bredtschneider. 2,193,795; Mar. 19.
Steam generator. J. H. Brown. 2,207,654; July 9.
Steam generator. G. W. Davey. 2,222,530; Nov. 19.
Steam generator. M. Frisch. 2,204,350; June 11.
Steam generator. M. Frisch. 2,207,247; July 9.
Steam generator. F. M. Kuhner. 2,221,142; Nov. 12.
Steam generator. M. H. Kuhner. 2,221,382; Nov. 12.
Steam generator. W. D. La Mont. 2,201,618–9; May 21.
Steam generator. G. W. Saathoff. 2,206,265; July 2.
Steam generator. E. T. Turner. 2,200,759; May 14.
Steam generator. C. E. Wagner. 2,224,325; Dec. 10.
Steam generator. W. H. Watson. Re. 21,384; Mar. 5.
Steam generator and water heater E. F. Spanner. 2,217,458; Oct. 8.
Steam generator, Dry. L. W. Jeffords. 2,216,369; Oct. 1.
Steam generator, High pressure. M. Ledinegg. 2,198,778; Apr. 30.
Steam generator, High pressure. E. L. and C. A. Schellens. 2,205,911; June 25.
Steam generator, High pressure. O. Swietochowski. 2,202,507; May 28.
Steam generator or water heater. E. F. Spanner. 2,200,644; May 14.
Steam generator or water heater. E. F. Spanner. 2,218,898; Oct. 22.
Steam generator, Portable. J. K. Sebo. 2,220,353; Nov. 5.
Steam generators, Firing. M. Frisch. 2,204,351; June 11.
Steam heating system. M. E. Whitenack. 2,217,087; Oct. 8.
Steam heating system for aircraft. J. V. Vulpen and P. B. Parks. 2,215,517; Sept. 24.
Steam heating system with steam powered air circulation means. E. S. Cornell, Jr. 2,220,754; Nov. 5.
Steam injector. R. D. and J. C. Metcalfe. 2,225,789; Dec. 24.
Steam injector, Low pressure. W. H. Tinker. 2,190,109; Feb. 13.
Steam installation for pressing appliances. F. J. Clark. 2,205,241; June 18.
Steam iron, Electric. L. V. Eckstein. 2,218,324; Oct. 15.
Steam iron, Electric. J. T. and C. Edwards. 2,199,911; May 7.
Steam jet exhauster. C. F. Sweet, Jr. 2,223,242; Nov. 26.
Steam locomotive engine. O. W. Young. 2,203,975; June 11.
Steam plant. K. K. Kielland. 2,194,504; Mar. 26.
Steam pressure control. H. K. Wheeler. 2,210,646; Aug. 6.
Steam, Process and apparatus for generating. W. B. Kerrick. 2,227,349; Dec. 31.
Steam, Producing. W. D. La Mont. 2,201,623; May 21.
Steam producing apparatus, High speed. W. D. La Mont. 2,201,620; May 21.
Steam producing process. W. D. La Mont. 2,201,624; May 21.
Steam purifying apparatus. M. H. Kuhner. 2,191,671; Feb. 27.
Steam separator. F. H. Browning. 2,214,658; Sept. 10.
Steam shower for paper corrugators. T. S. Fitchett. 2,208,126; July 16.
Steam stop valve. P. Pascale. 2,202,164; May 28.
Steam to heat exchanging apparatus, Supplying reduced pressure. J. van der Ploeg. 2,207,646; July 9.
Steam trap. W. Kunstorff. 2,194,946; Mar. 26.
Steam trap. H. Richter. 2,208,390; July 16.
Steamer. G. I. Sipe. 2,200,192; May 7.
Steamer mechanism. C. Pungor. 2,213,288; Sept. 3.
Steaming iron, Electric. L. V. Eckstein. 2,218,322–3; Oct. 15.
Steaming iron, Electric. L. V. Eckstein. 2,218,325; Oct. 15.
Steaming pressing iron. F. A. Miller. 2,188,011; Jan. 23.
Steel, Alloy. K. T. Berglund. 2,199,096; Apr. 30.
Steel, alloy. K. T. Berglund. 2,201,425; May 21.
Steel, Alloy. E. F. Blessing. 2,201,072; May 14.
Steel, Alloy. R. P. De Vries. 2,212,228; Aug. 20.
Steel, Alloy. W. E. Jominy. 2,219,780; Oct. 29.
Steel, Alloy. D. E. Krause and C. H. Lorig. 2,209,248; July 23.
Steel, Alloy. C. H. Lorig. 2,206,846–7; July 2.
Steel alloy. P. Schafmeister and E. Houdremont. 2,186,710; Jan. 9.
Steel and method of conditioning, Heat conditioned. W. H. Wood and O. C. Trautman. 2,224,998; Dec. 17.
Steel and other metals, Electrically pickling and cleaning stainless. L. H. Wilson. 2,197,653; Apr. 16.
Steel and the metallurgical product produced thereby, Heat treating. E. S. Davenport and E. H. Engel. 2,204,209; June 11.
Steel, Annealing. P. Payson. 2,188,155; Jan. 23.
Steel article, Producing a hardened. B. A. Kjerrman. 2,197,365; Apr. 16.
Steel, Austenitic alloy. F. M. Becket and R. Franks. 2,198,598; Apr. 30.
Steel, Austenitic alloy. F. M. Becket and R. Franks. 2,225,440; Dec. 17.
Steel, Austenitic. O. E. Harder. 2,215,734; Sept. 24.
Steel building construction. G. V. Palmer. 2,224,313; Dec. 10.
Steel, Coating. V. T. Malcolm. 2,202,531; May 28.
Steel, Coloration of stainless. C. Batcheller. 2,219,554; Oct. 29.
Steel, Corrosion resistant and cold workable molybdenum. H. Reitz, E. Hengler, and A. Büttinghaus. 2,207,554; July 9.
Steel for Hawaiian guitars. V. J. Lawrence. 2,203,466; June 4.
Steel for the manufacture of motor valves, Alloy. G. R. Rich. 2,195,601; Apr. 2.
Steel, Free machining. G. Soler. 2,225,511; Dec. 17.
Steel from nonrefined molten steel, Production of high grade sheet and strip. T. Sendzimir. 2,191,355; Feb. 20.
Steel, Guitar. J. M. Abbott. 2,186,399; Jan. 9.
Steel having a low sulphur content, Producing of free-machining stainless. V. T. Malcolm. 2,218,973; Oct. 22.
Steel, Heat treating. S. S. Frost. 2,216,192; Oct. 1.
Steel, High resistance. A. Marchetti. 2,218,888; Oct. 22.
Steel, High speed. E. Houdremont and H. Schrader. 2,209,622; July 30.
Steel, High-speed. E. B. Welch and L. G. Firth. 2,185,616–7; Jan. 2.
Steel, High-speed. E. B. Welch and L. G. Firth. 2,185,618–9; Jan. 2.
Steel, High tensile alloy. W. H. Hatfield. 2,185,996; Jan. 9.
Steel, Making cast tool. C. Baird. 2,195,402; Apr. 2.
Steel, Making stainless. W. D. Bradford and R. F. Lab. 2,218,391; Oct. 15.
Steel, Manufacture of. R. Perrin. 2,207,109; July 9.
Steel member, Structural. T. Collins. 2,191,788; Feb. 27.
Steel members and the product thereof, Preparing high manganese. F. T. Ward. 2,185,483; Jan. 2.
Steel, Passivation of stainless. R. W. E. Leiter and J. Winlock. 2,209,924; July 30.
Steel producing. M. W. Ditto. 2,203,778; June 11.
Steel, Producing capped. H. R. Belding. 2,190,393; Feb. 13.
Steel shafting against corrosion, Protection of. K. D. Williams. 2,217,719; Oct. 15.
Steel sheet, Electrical. W. Crafts. 2,209,684; July 30.
Steel sheet, Sheared electrical. W. Crafts. 2,209,686; July 30.
Steel sheet, Sheared silicon electrical. W. Crafts. 2,209,687; July 30.
Steel sheet, Silicon electrical. W. Crafts. 2,209,685; July 30.
Steel smelting furnace. A. Schack. 2,192,108; Feb. 27.
Steel, Stainless. J. R. Long. 2,216,535; Oct. 1.
Steel strip thickness, Method and apparatus for testing. R. K. Burford. 2,222,221; Nov. 19.
Steel structure. J. V. Patterson. 2,211,384; Aug. 13.
Steel, Tool. A. D. Potts and D. Simonds. 2,204,283; June 11.
Steel trap. L. G. Torgerson. 2,202,408; May 28.
Steel wires, Hardening. R. Suchy. 2,204,005; June 11.
Steels and alloys having elevated chromium content. E. Valenta. 2,197,955; Apr. 23.
Steels and electrical resistance elements. R. Franks. 2,191,790; Feb. 27.
Steels, High speed, Manufacture of. E. Houdremont and H. Schrader. 2,209,623; July 30.
Steels, Iron-chromium-nickel-carbon-nitrogen heat-enduring alloy. O. E. Harder and J. T. Gow. 2,223,659; Dec. 3.
Steels, Making butchers'. J. L. Nordberg. 2,194,525; Mar. 26.
Steels of high purity, Rapidly obtaining. R. Perrin. 2,188,416; Jan. 30.
Steels, Producing cast. A. P. Gagnebin. 2,204,585; June 18.
Steels, Production of stainless. E. J. Chelius. 2,226,967; Dec. 31.
Steering and control device, Hydraulic. C. U. Ballard. 2,192,175; Mar. 5.
Steering and propulsion system, Combination. H. G. Gentry. 2,213,520; Sept. 3.
Steering apparatus for flying machines, Remote control. J. S. Pecker. 2,224,357; Dec. 10.
Steering attachment for tractors, Sidehill. E. E. Westphal. 2,220,361; Nov. 5.
Steering column for passenger vehicles. H. L. DeFrees. 2,214,163; Sept. 10.
Steering column lock. W. C. Edwards. 2,203,949; June 11.
Steering control. H. Langgässer and F. Fischer. 2,211,377; Aug. 13.
Steering device. G. S. Crockett. 2,204,070; June 11.

Steering device, Automatic. R. Alkan. 2,204,290; June 11.
Steering device for aircraft, Automatic. J. Thiry. 2,190,390; Feb. 13.
Steering device for skis or coasting devices. C. Anderson. 2,220,634; Nov. 5.
Steering for ships and other craft, Automatic. F. S. Hodgman. 2,221,311; Nov. 12.
Steering fork for cycles, Shock absorbing. L. M. Edgar and L. A. Smith. 2,226,712; Dec. 31.
Steering gear. A. Jivkovitch. 2,193,927; Mar. 19.
Steering gear. F. Rupprecht and K. Münz. 2,225,279; Dec. 17.
Steering gear. N. Trbojevich. 2,214,492; Sept. 10.
Steering gear. F. Wescott and J. Norwood. 2,226,038; Dec. 24.
Steering knuckle joint. M. Katcher. 2,197,889; Apr. 23.
Steering linkage. H. O. Fuchs. 2,186,287; Jan. 9.
Steering means for agricultural implements. H. G. Ferguson. 2,195,516; Apr. 2.
Steering mechanism. P. M. Carter and D. F. Linsley 2,193,898; Mar. 19.
Steering mechanism, Auxiliary. D. Collins. 2,191,125; Feb. 20.
Steering mechanism for agricultural implements. W. R. Frank. 2,205,403; June 25.
Steering mechanism for motor vehicles. R. C. Howell. 2,191,961; Feb. 27.
Steering mechanism for motor vehicles. J. N. H. Tait. 2,223,274; Nov. 26.
Steering mechanism for motor vehicles. P. F. Yungling. 2,193,752–3; Mar. 12.
Steering mechanism for tractors. W. B. Thiemann. 2,214,979; Sept. 17.
Steering mechanism for vehicles. F. W. Bluemel. 2,218,841; Oct. 22.
Steering mechanism for vessels. H. C. Briggs. 2,214,655; Sept. 10.
Steering post, Adjustable. L. Tveldt. 2,185,779; Jan. 2.
Steering system for aircraft, Automatic. W. G. Harding and R. H. Nisbet. 2,201,174; May 21.
Steering system for automobiles. W. P. Berry. 2,203,810; June 11.
Steering wheel. E. M. Bright. 2,187,193; Jan. 16.
Steering wheel. P. L. J. B. Lambert. 2,198,731; Apr. 30.
Steering wheel. F. E. Lange. 2,203,791; June 11.
Steering wheel. H. L. Mueller. 2,193,639; Mar. 12.
Steering wheel. J. D. Villas. 2,187,764; Jan. 23.
Steering wheel. F. M. Walker. 2,215,677; Sept. 24.
Steering wheel brake. J. Koppel. 2,200,625; May 14.
Steering wheel construction, Automobile. H. A. Husted. 2,187,604; Jan. 16.
Steering wheel cover. F. P. Jackson. 2,197,409; Apr. 16.
Steering wheel for automobiles. L. J. Schoenbechler. 2,206,431; July 2.
Steering wheel, Safety. M. B. Ratner. 2,197,317; Apr. 16.
Steering wheel switch. A. P. Knauber. 2,211,131; Aug. 13.
Stem machine. A. J. Franke. 2,195,483; Apr. 2.
Stemmer for tobacco leaves. G. W. Gwinn and J. W. Leary. 2,212,520; Aug. 27.
Stencil. A. D. Shapiro. 2,227,325; Dec. 31.
Stencil. B. F. Walker. 2,200,314; May 14.
Stencil and making, Top printed. R. A. Dalton. 2,201,953; May 21.
Stencil blank holder. R. E. Winebrenner. 2,190,499; Feb. 13.
Stencil, Card. H. P. Elliott. 2,210,712; Aug. 6.
Stencil circle cutter. W. Stangohr. 2,194,409; Mar. 19.
Stencil coating compound and making same. J. P. Bishop. 2,194,291; Mar. 19.
Stencil device. A. Buschow. 2,197,067; Apr. 16.
Stencil, Double panel card. H. P. Elliott. 2,210,713; Aug. 6.
Stencil for polishing fingernails, Margin. L. Florio. 2,220,758; Nov. 5.
Stencil material, Photographic. A. Murray. 2,204,147; June 11.
Stencil, Metal. J. B. Brehnan and L. E. Marsh. 2,213,237; Sept. 3.
Stencil printing machine. J. Kessel. 2,189,007; Feb. 6.
Stencil, Record. H. P. Elliott. 2,198,992; Apr. 30.
Stencil screen and making the same. C. A. Wulf. 2,209,499; July 30.
Stencil screen construction. C. A. Heyne. 2,218,451; Oct. 15.
Stencil screen construction. H. E. Playford and F. B. Holliger. 2,191,134; Feb. 20.
Stencil sheet. S. Horii. 2,208,980–1; July 23.
Stencil sheet. W. O. Snelling. 2,191,731; Feb. 27.
Stenciling apparatus. J. Dichter. 2,203,457; June 4.
Stenciling apparatus. A. S. Jackson and C. A. Heyne. 2,202,799; May 28.
Stenciling apparatus. J. E. McLaughlin and A. S. Jackson. 2,207,351; July 9.
Stenographer's pencil stand. F. Krempler. 2,199,262; Apr. 30.
Step-by-step switch. E. O. Thompson. 2,206,926; July 9.
Step for motor vehicles. T. Watson. 2,218,060; Oct. 15.
Step for railroad cars, Sill. E. T. Doherty. 2,226,489; Dec. 24.
Step for trailers, Foldable. A. W. McDonald. 2,209,576; July 30.
Stepladder. J. L. Garnette. 2,223,911; Dec. 3.
Stepladder. J. Meier. 2,208,266; July 16.
Stepladder. H. T. Moore and F. F. W. Perrott. 2,189,432; Feb. 6.
Stepladder. E. R. Nowick. 2,221,264; Nov. 12.
Stepladder. P. W. Perry. 2,214,935; Sept. 17.
Stepladder guard attachment. G. Brimboeuf. 2,208,833; July 23.
Step, Manhole. H. N. Morris. 2,215,129; Sept. 17.
Step, Moving stairway. J. Dunlop. 2,210,711; Aug. 6.
Step, platform, and skirt arrangement, Combined folding. W. M. Haessler. 2,226,717; Dec. 31.
Step, Portable concrete. H. A. Byington. 2,218,523; Oct. 22.
Step support. B. A. Fredell. 2,197,266; Apr. 16.
Step tread, Safety. S. D. Moore. 2,205,044; June 18.
Step-up mechanism. C. T. Breitenstein. 2,216,935; Oct. 8.
Stereocamera. R. Anderle. 2,201,975; May 28.
Stereograms, Manufacture of. W. H. van Benschoten. 2,219,158; Oct. 22.
Stereopsis, Testing for. R. A. Sherman. 2,196,905; Apr. 9.
Stereoscope, Adjustable pocket. H. C. Ryker. 2,225,602; Dec. 17.
Stereoscopic apparatus. A. Hennicke and H. Bossel. 2,207,483; July 9.
Stereoscopic apparatus. C. D. Moriarty. 2,199,959; May 7.
Stereoscopic apparatus. L. W. Walter. 2,187,765; Jan. 23.
Stereoscopic fluoroscopy, Method and apparatus for. P. Gonzales-Rincones. 2,208,215; July 16.
Stereoscopic training device, Mechanical. G. L. Mandaville. 2,186,418; Jan. 9.
Stereoscopic viewing device. W. B. Gruber. 2,189,285; Feb. 6.
Stereotype matrices, Method of and machine for conditioning. G. M. Clark. 2,188,528; Jan. 30.
Sterile filling machine. A. V. Wetherby-Williams and W. K. Sheffield. 2,210,017; Aug. 6.
Sterilization. W. H. McKenna. 2,191,799; Feb. 27.
Sterilization device. G. A. H. Nuyts. 2,195,935; Apr. 2.
Sterilization process. C. L. Griffith and L. A. Hall. 2,189,947; Feb. 13.
Sterilizer. R. E. Bitner. 2,189,279; Feb. 6.
Sterilizer. H. L. Vrusho. 2,192,112; Feb. 27.
Sterilizer for dental hand pieces. W. S. Behrens. 2,186,600; Jan. 9.
Sterilizer for footwear. S. H. Treinis. 2,201,548; May 21.
Sterilizer for hypodermic syringes. W. E. Furr. 2,219,417; Oct. 29.
Sterilizing cabinet. G. C. Arnold. 2,225,817; Dec. 24.
Sterilizing device. A. G. Thomas. 2,212,330; Aug. 20.
Sterilizing indicator. A. L. Chaney and W. R. Lammersen. 2,222,067; Nov. 19.
Sterilizing unit and control, Hospital. J. F. Collins. 2,215,635; Sept. 24.
Sterilizing unit, Hospital. J. F. Collins and C. J. Kraissl. 2,215,634; Sept. 24.
Sterine derivatives having the character of the sexual hormones and preparing them. M. Bockmühl, G. Ehrhart, and H. Ruschig. 2,188,330; Jan. 30.
Sterol compounds and producing them. H. R. Rosenberg and J. M. Tinker. 2,215,727; Sept. 24.
Sterol glucosides and sterols from fatty substances, Obtaining. H. R. Kraybill and M. H. Thornton. 2,225,375; Dec. 17.
Sterols, Extraction of. W. G. Bennett. 2,223,398; Dec. 3.
Sterols of the male sex hormone type. R. E. Marker, D. M. Jones, and T. S. Oakwood. 2,226,627; Dec. 31.
Sterols, Recovery of. P. L. Julian, E. W. Meyer, and N. C. Krause. 2,218,971; Oct. 22.
Stethoscope. W. J. Kerr. 2,209,164; July 23.
Stick and bag, Combined walking. F. A. Lisi. 2,210,493; Aug. 6.
Stick chair. P. F. Murtha. 2,201,630; May 21.
Stick, Clothes. W. F. Heuer. 2,191,527; Feb. 27.
Stick handling apparatus. S. Goodman. 2,190,943; Feb. 20.
Stick holder. C. T. Cutting. 2,198,528; Apr. 23.
Stick, Pedestrian's walking. F. R. Harty. 2,198,082; Apr. 23.
Stick, Protecting. C. S. and R. S. Richards. 2,188,796; Jan. 30.
Stick, Wash. G. A. Blanchard. 2,209,068; July 23.
Stiffener, Toe. M. Cuozzo. 2,195,447; Apr. 2.
Stiffening member for shoes and the like. M. C. Kumnick and Q. L. Quinlivan. 2,217,171; Oct. 8.
Still construction. L. H. Hosbein. 2,205,776; June 25.
Still for re-refining used crankcase oils. W. D. Harris. 2,201,558; May 21.
Still, Pipe. G. W. Watts. 2,214,711; Sept. 10.
Stilt, Walking. W. C. Schilling. 2,216,214; Oct. 1.
Stimulant, Plant growth. J. Bjorksten. 2,205,807; June 25.
Stirrer. W. F. McPhee and A. N. Severin. 2,202,860; June 4.
Stirrup assembly, Reinforcement. F. R. McFarland. 2,225,226; Dec. 17.
Stirrup device for physician's examining table or the like. G. E. Froelich. 2,223,784; Dec. 3.

Stirrup pad. F. J. Moore. 2,187,983; Jan. 23.
Stitch gauge. L. J. Barrickman. 2,207,113; July 9.
Stitcher, Rotary. W. J. Nolan. 2,224,743; Dec. 10.
Stitcher, Tire tread splice. H. C. Bostwick. 2,201,470; May 21.
Stitching device, Blind. J. Jordan. 2,187,237; Jan. 16.
Stitching, Making slack. A. Turrisi. 2,219,460; Oct. 29.
Stitching mechanism. R. S. Phillips. 2,217,967; Oct. 15.
Stock-and-barrel assembly for firearms. P. W. Klipsch. 2,205,982; June 25.
Stock and package dyeing apparatus, Combined raw. S. W. Jackson. 2,196,559; Apr. 9.
Stock dyeing apparatus. J. H. Higginson. 2,207,682; July 9.
Stock dyeing apparatus, Raw. S. W. Jackson. 2,196,558; Apr. 9.
Stock fastening means. D. E. Bost. 2,187,640; Jan. 16.
Stock feeder. P. A. Kellogg. 2,221,974; Nov. 19.
Stock feeding means for automatic machine tools. S. Baxendale. 2,216,872; Oct. 8.
Stock fitting machine. J. M. Barber. 2,201,283; May 21.
Stock fitting machine. S. Baroni. 2,202,081; May 28.
Stock loading and unloading device. C. R. Young. 2,215,631; Sept. 24.
Stock quotation system. J. I. Bellamy, M. L. Nelson, and H. F. Obergfell. 2,192,217; Mar. 5.
Stock quotation system. H. C. Robinson, J. L. Bellamy, and M. L. Nelson. 2,192,242; Mar. 5.
Stock quotation system. H. C. Robinson, J. I. Bellamy, and M. L. Nelson. 2,217,029; Oct. 8.
Stock reel. A. E. Borton. 2,227,387; Dec. 31.
Stock regulating apparatus for paper machines. E. Poirier. 2,203,925; June 11.
Stocking. S. I. and M. M. Burd. 2,208,300; July 16.
Stocking. A. J. Cobert. 2,205,790; June 25.
Stocking. E. F. Gaines. 2,190,560; Feb. 13.
Stocking. M. Nebel. 2,211,475; Aug. 13.
Stocking and making same. G. M. Lewis. 2,208,991; July 23.
Stocking and producing same. H. E. Williams. 2,216,062; Sept. 24.
Stocking and producing same, Elastic top. H. McAdams. 2,213,144; Aug. 27.
Stocking, Full fashioned. G. Clauss. 2,190,148; Feb. 13.
Stocking production. E. J. Berger. 2,224,029; Dec. 3.
Stocking reinforcement. W. M. Grosse. 2,223,102; Nov. 26.
Stocking, Self-supporting. R. E. Davis. 2,188,241; Jan. 23.
Stocking with rolling-front garter band, Over-knee-length. C. Shelton. 2,218,269; Oct. 15.
Stockings and producing the same, Elastic top. H. McAdams. 2,195,182; Mar. 26.
Stockings and the like in stringwork, Knitting seamless. H. McAdams. 2,195,183; Mar. 26.
Stockings, Drying. F. Schuster. 2,200,191; May 7.
Stockings, Method of and apparatus for knitting. R. K. Mills. 2,191,577; Feb. 27.
Stockings, Production of. H. Dietrich. 2,202,144; May 28.
Stockings with French heel and French foot, Production of. A. Verbeek and E. Eissner. 2,215,089; Sept. 17.
Stoker. H. P. Anderson. 2,204,541; June 18.
Stoker. J. S. Bennett. 2,195,808; Apr. 2.
Stoker. F. H. Brown. 2,187,726–7; Jan. 23.
Stoker. F. H. Brown. 2,190,974; Feb. 20.
Stoker. C. Chapiewsky. 2,213,269; Sept. 3.
Stoker. F. H. Fridenstine. 2,205,061; June 18.
Stoker. B. M. Guthrie. 2,225,215; Dec. 17.
Stoker. W. T. Hanna. 2,223,989; Dec. 3.
Stoker. J. Harrington. 2,214,740; Sept. 17.
Stoker. R. L. Lindemuth. 2,201,780; May 21.
Stoker. N. M. Lower. 2,205,596; June 25.
Stoker. N. M. Lower. 2,214,470; Sept. 10.
Stoker. W. Mitchell. 2,187,520; Jan. 16.
Stoker. O. Moeller. 2,216,043; Sept. 24.
Stoker. G. M. Peltz. 2,191,219; Feb. 20.
Stoker air control. R. W. Franks. 2,206,033; July 2.
Stoker and drive mechanism therefor. J. B. MacKenzie. 2,206,745; July 2.
Stoker and fuel distributor therefor. W. T. Capps. 2,213,334; Sept. 3.
Stoker, Automatic. A. G. Blodgett. 2,208,622; July 23.
Stoker, Automatic. C. F. Erb. 2,197,428; Apr. 16.
Stoker, Automatic. C. C. Larsen. Re. 21,617; Nov. 5.
Stoker, Automatic. A. E. Paige. 2,225,378; Dec. 17.
Stoker, Automatic coal. G. E. Valentine and J. I. Hurst. 2,204,555; June 18.
Stoker, Coal. P. A. Leas. 2,195,278; Mar. 26.
Stoker, Coal. A. T. Rankin. 2,203,844; June 11.
Stoker construction. E. A. Turner. 2,198,710; Apr. 30.
Stoker control. F. S. Denison and W. H. Gille. 2,215,067; Sept. 17.
Stoker control. W. W. Martenis. 2,209,298; July 23.
Stoker control. L. M. Persons. 2,207,942; July 16.
Stoker control system. F. S. Denison. 2,226,293; Dec. 24.
Stoker control system. E. K. Scoggin. 2,192,859; Mar. 5.
Stoker control system. E. T. Selig, Jr. 2,218,895; Oct. 22.
Stoker drive. W. W. Peck. 2,204,768; June 18.
Stoker drive mechanism. H. C. Carter. 2,186,405; Jan. 9.
Stoker for hot air furnaces. Underfeed. L. Lee. 2,194,025; Mar. 19.
Stoker, Furnace. M. A. Mayers. 2,201,371; May 21.
Stoker furnace. C. L. Myers. 2,185,865; Jan. 2.
Stoker furnace or heater. F. T. Agricola. 2,212,724; Aug. 27.
Stoker, Locomotive. C. T. Hansen. 2,224,127; Dec. 10.
Stoker, Locomotive. E. Martin. 2,191,112–3; Feb. 20.
Stoker, Locomotive. C. J. Surdy. 2,189,718; Feb. 6.
Stoker, Locomotive. C. J. Surdy. 2,219,083; Oct. 22.
Stoker, Locomotive. C. J. Surdy. 2,224,402; Dec. 10.
Stoker, Locomotive. E. A. Turner. 2,216,028; Sept. 24.
Stoker, Mechanical. L. Campbell, Jr., and A. von Haase. 2,191,270; Feb. 20.
Stoker mechanism. H. T. Blum. 2,210,791; Aug. 6.
Stoker mechanism. W. T. Hanna. 2,192,190; Mar. 5.
Stoker mechanism. W. T. Hanna. 2,210,717; Aug. 6.
Stoker mechanism. W. T. Hanna. 2,223,988; Dec. 3.
Stoker mechanism. J. W. Myers. 2,189,401; Feb. 6.
Stoker pipe. H. T. Blum. 2,191,006; Feb. 20.
Stoker pipe. H. T. Blum. 2,207,849; July 16.
Stoker pipe. H. T. Blum. 2,210,199; Aug. 6.
Stoker pipe. H. T. Blum. 2,213,896; Sept. 3.
Stoker pipe. H. T. Blum. 2,218,414; Oct. 15.
Stone crushing or breaking machine. H. O. Jones. 2,211,504; Aug. 13.
Stone cutter. T. Siderits. 2,188,318; Jan. 30.
Stone, Dressing of individual blocks of. O. W. Burkhardt. 2,187,299; Jan. 16.
Stone for treatment by sandblasting, Preparing. J. H. Behee. 2,199,980; May 7.
Stone picker for self-feeders of threshing machines. W. S. Gouinlock and H. Truax. 2,209,268; July 23.
Stone picking machine. O. F. Reiter. 2,213,370; Sept. 3.
Stone sawing machine. O. J. Brock. 2,212,656; Aug. 27.
Stoner, Cherry. G. W. Ashlock, Jr. 2,219,832; Oct. 29.
Stones and jewelry, Precious. A. H. G. Monnier. 2,207,869; July 16.
Stool. C. D. Goering. 2,197,302; Apr. 16.
Stool attachment for barbers' chairs. C. R. Jones, J. H. Goodman and H. L. Cowley. 2,212,777; Aug. 27.
Stool back, Counter. E. L. Cederquist. 2,207,970; July 16.
Stool, Fluid supported. J. G. Stephenson. 2,218,963; Oct. 22.
Stool, Folding step. R. C. Hayne. 2,206,092; July 2.
Stool for molds for casting metal. C. H. Aldrich. 2,185,390; Jan. 2.
Stool, Kneeling. C. P. Holzderber. 2,225,696; Dec. 24.
Stool, Knockdown. W. Stieglitz. 2,210,047; Aug. 6.
Stool or chair, Reinforced concrete. M. F. Nealon. 2,194,834; Mar. 26.
Stool, Self-aligning. A. J. Carlson. 2,217,943; Oct. 15.
Stool, Self-aligning counter. N. H. Cederquist. 2,225,735; Dec. 24.
Stool, Utility. M. Taylor. 2,209,859; July 30.
Stools, Bathroom. G. B. Bentz. 2,193,527; Mar. 12.
Stop. R. W. Storrs, Jr. 2,189,274; Feb. 6.
Stop, Adjustable casket. P. O. Krogh. 2,197,645; Apr. 16.
Stop and turn signal. A. W. Gray. 2,215,921; Sept. 24.
Stop, Automatic car. A. S. Hayden. 2,204,102; June 11.
Stop, Automatic work. R. C. West. 2,219,060; Oct. 22.
Stop, Car. G. C. Nelms. 2,207,329; July 9.
Stopcock. O. Seppelfricke. 2,204,452; June 11.
Stop control mechanism. M. Richter. 2,214,383; Sept. 10.
Stop device for sorting drums. F. L. Fuller. 2,195,858; Apr. 2.
Stop, Door. P. E. Chu. 2,198,303; Apr. 23.
Stop, Door. M. J. Sasgen. 2,194,510; Mar. 26.
Stop, Door. R. L. Sitts. 2,201,594; May 21.
Stop, Door. K. P. Willis. 2,196,047; Apr. 2.
Stop, Double sheet. A. E. Schubert. 2,196,741; Apr. 9.
Stop for a countersinking or boring tool, Depth. C. Schmidt. 2,192,528; Mar. 5.
Stop for accounting machines, Adjustable paper. W. A. Anderson. 2,204,242; June 11.
Stop for automobiles, Automatic. H. Hirabayashi. 2,207,666; July 9.
Stop for monorail trackage, Wheel. R. E. Nelles. 2,215,427; Sept. 17.
Stop for oil well casing and tubing. B. J. Festervan and N. F. Henderson. 2,213,580; Sept. 3.
Stop for power cables, Fluid. L. J. Komives, K. S. Wyatt, J. W. Courtis, D. E. F. Thomas, and J. D. Piper. 2,222,748; Nov. 26.
Stop for separable fasteners, End. D. Marinsky. 2,192,013; Feb. 27.
Stop for slide fastener tapes, Top. M. Kiessling. 2,191,280; Feb. 20.
Stop for slide fasteners, Separable end. F. Ulrich. 2,216,794; Oct. 8.
Stop for tape dispensing machines, Adjustable. L. W. Goldstein. 2,213,908; Sept. 3.
Stop means for knitting machines. J. D. Templeton. 2,196,431; Apr. 9.
Stop mechanism. J. D. Tear. 2,227,114; Dec. 31.
Stop mechanism for dispensing devices. R. G. Birr. 2,186,798; Jan. 9.
Stop mechanism for knitting machines. R. H. Lawson and A. Gagné. 2,215,220; Sept. 17.
Stop mechanism for knitting machines. T. J. Stalworth. 2,208,481; July 16.

Stop mechanism for knitting machines, Electric. J. Wachsman. 2,222,325; Nov. 19.
Stop mechanism for towel dispensing apparatus. A. C. Grunwald. 2,190,315; Feb. 13.
Stop mechanism, Warp. C. D. Brown. 2,200,148; May 7.
Stop motion and belt shipper mechanism, Combination. W. J. Scott. 2,185,319; Jan. 2.
Stop motion control. G. H. McRae. 2,212,785; Aug. 27.
Stop-motion for looms, Center. C. P. Bergstrom. 2,226,235; Dec. 24.
Stop motion for looms, Electromechanical. G. F. Bahan. 2,226,276; Dec. 24.
Stop motion mechanism. R. L. Smith. 2,192,819; Mar. 5.
Stop signal. C. E. Gaynon. 2,188,835; Jan. 30.
Stop valve. G. J. Oestreicher. 2,187,477; Jan. 16.
Stoper with attaching device for rock drills. T. Suzuki. 2,224,661; Dec. 10.
Stopper. J. Renka, Jr. 2,194,233; Mar. 19.
Stopper. A. F. Rook. 2,199,964; May 7.
Stopper, Air filtering. R. C. Page and P. E. Tullar. 2,186,908; Jan. 9.
Stopper, Anchoring. L. A. Carroll. 2,186,625; Jan. 9.
Stopper and fastener, Bottle. F. G. Dresser. 2,225,860; Dec. 24.
Stopper and holder for toy balloons, Air. G. Magran. 2,197,617; Apr. 16.
Stopper, Bottle. H. Thomas. 2,192,511; Mar. 5.
Stopper, Drain. A. J. Hiertz. 2,194,940; Mar. 26.
Stopper, Drain. H. Trotman. 2,205,703; June 25.
Stopper fastener. H. C. Warren. 2,191,812; Feb. 27.
Stopper for carboys, bottles, cans, and like containers. W. S. Freeman. 2,208,899; July 23.
Stopper for carboys, bottles, cans, and like containers. W. S. Freeman. 2,215,392; Sept. 17.
Stopper for drains. H. Z. Gora. 2,226,464; Dec. 24.
Stopper for jars, bottles, vessels, and like containers, Rubber. E. Takiguchi. 2,196,785; Apr. 9.
Stopper for pour ladles. L. F. Bruce. 2,197,515; Apr. 16.
Stopper for the storing of sterile liquids, Bottle. N. M. Nesset. 2,191,495; Feb. 27.
Stopper for thermos bottles. A. T. Antonson. 2,199,732; May 7.
Stopper, Gas main. G. A. Behringer. 2,198,854; Apr. 30.
Stopper, Ink bottle. A. M. Mazzarelli. 2,194,402; Mar. 19.
Stopper, Leak. J. J. Dirschel. 2,220,085; Nov. 5.
Stopper rod. E. E. Slick. 2,195,791; Apr. 2.
Stopper tops and the like, Apparatus for making. A. B. Dodge. 2,187,680; Jan. 16.
Stops for slide fasteners, Making end. G. Sundback. 2,186,774; Jan. 9.
Storage and dispensing apparatus for liquefied gas. L. J. White. Re. 21,470; May 28.
Storage and dispensing device. K. S. Clapp. 2,225,622; Dec. 24.
Storage and like equipment for vehicles. H. Auger and W. E. Pearson. 2,216,637; Oct. 1.
Storage battery box clamp. A. B. Fogle. 2,216,663; Oct. 1.
Storage battery lifter. L. E. Wells. 2,199,378; Apr. 30.
Storage battery terminal clamp. C. G. Wright. 2,196,717; Apr. 9.
Storage box. A. L. Browne. 2,216,873; Oct. 8.
Storage container. F. Turshin. 2,209,430; July 30.
Storage containers. I. Blechman. 2,226,112; Dec. 24.
Storage device, Photoelectric. K. Schlesinger. 2,227,018; Dec. 31.
Storage equipment. H. Auger and W. E. Pearson. 2,186,854; Jan. 9.
Storage tank. W. E. Joor. 2,201,652; May 21.
Storage tank. C. A. Price. 2,193,380; Mar. 12.
Storage tank gauge. D. McDonald. 2,187,210; Jan. 16.
Store construction. R. Lo Magro. 2,218,714; Oct. 22.
Store front construction. F. and I. Himmel. 2,220,569; Nov. 5.
Store front construction. W. Owen. 2,209,536; July 30.
Storm and screen window hanger. D. J. Dinsmore and G. C. Cross. 2,223,676; Dec. 3.
Storm sash hanger. E. T. Kunold and J. J. Friedman. 2,190,187; Feb. 13.
Storm window fastener. S. H. Westerheim. 2,221,531; Nov. 12.

Stove. B. F. Berkheimer. 2,217,505; Oct. 8.
Stove. S. F. Caudill. 2,197,297; Apr. 16.
Stove. J. E. Chambers. 2,203,348; June 4.
Stove. C. Ehret. 2,197,969; Apr. 23.
Stove. C. Ehret. 2,226,925; Dec. 31.
Stove. E. Esson. 2,196,724; Apr. 9.
Stove. B. B. Kahn and C. J. Hake. 2,201,584; May 21.
Stove. B. B. Kahn and C. J. Hake. 2,221,870; Nov. 19.
Stove. H. E. Mills. 2,187,169; Jan. 16.
Stove. H. E. Mills. 2,223,961; Dec. 3.
Stove. O. A. Noe. 2,196,339; Apr. 9.
Stove. A. G. Sherman. 2,185,275; Jan. 2.
Stove and furnace attachment. J. A. Doan. 2,214,994; Sept. 17.
Stove and the like, Blast furnace. E. H. Younglove. 2,187,191; Jan. 16.
Stove, Barbecue. V. A. Benson. 2,213,483; Sept. 3.
Stove board. S. F. Jackes. 2,199,916; May 7.
Stove, Camp. L. E. and R. C. Dalzell. 2,214,292; Sept. 10.
Stove, Combination combustion and electric. A. L. Blakeslee. 2,222,065; Nov. 19.
Stove, Combined heating and cooking stove. R. W. Kritzer. 2,220,414; Nov. 5.
Stove construction. G. C. Davis and H. J. Moon. 2,210,361; Aug. 6.
Stove, Cook. C. E. Parker. 2,219,787; Oct. 29.
Stove, Dual compartment. C. D. Town. 2,190,343; Feb. 13.
Stove, Expansible field. P. M. Forster. 2,211,924; Aug. 20.
Stove, Fluid fuel burning. A. Höckenström. 2,217,750; Oct. 15.
Stove, Heating. M. L. Brogden. 2,199,875; May 7.
Stove, Hot blast. R. Carrigan. 2,198,302; Apr. 23.
Stove, Kitchen. B. Rolfes. 2,224,316; Dec. 10.
Stove, Oil burning. J. B. Olson. 2,197,244; Apr. 16.
Stove or range. C. H. and R. F. Hoffstetter. 2,187,320; Jan. 16.
Stovepipe. J. A. Delaney. 2,225,556; Dec. 17.
Stovepipe construction. S. Schecter. 2,214,480; Sept. 10.
Stovepipe fastener. G. Lafever. 2,207,154; July 9.
Stove, Portable. W. A. Stockell. 2,190,139; Feb. 13.
Stove, Portable picnic. J. Langsam. 2,221,098; Nov. 12.
Stove structure. J. A. Masonick. 2,196,467; Apr. 9.
Stove support. C. Ehret. 2,221,445; Nov. 12.
Stove with baffle. H. O. Berry and T. W. Kappler. 2,196,490; Apr. 9.
Stove, Wood-burning brooder. P. S. Martin and C. C. Turner. 2,223,694; Dec. 3.
Stove, Wood burning brooder. J. B. Olson and W. M. Willett. 2,194,868; Mar. 26.
Straightedge. C. K. Hullinger. 2,214,999; Sept. 17.
Straight hole bit. J. D. Hughes. 2,186,725; Jan. 9.
Straight line connector. S. P. Becker. 2,217,978; Oct. 15.
Straight line operating mechanism. A. M. Rossman. 2,198,635; Apr. 30.
Straightening and clamping mechanism for booking machines. J. C. Donnelly. 2,210,887; Aug. 13.
Straightening machine. W. Gigliotti. 2,187,649; Jan. 16.
Straightening machine. B. P. Hazeltine. 2,199,130; Apr. 30.
Straightening machine. F. Ungerer. 2,185,481; Jan. 2.
Straightening machine. F. Ungerer. 2,213,507; Sept. 3.
Strain gauge. C. W. E. Witter and J. G. Sisson. 2,215,259; Sept. 17.
Strain relief. H. R. Gordon and F. F. Florsheim. 2,219,545; Oct. 29.
Strain relief. C. T. Von Holtz. 2,201,213; May 21.
Strain relief for conductors. D. M. Seifer. 2,223,153; Nov. 26.
Strain relief for electrical appliance cord sets. H. W. Heyman. 2,226,610; Dec. 31.
Strain relief for electrical connectors. L. L. Ladd. 2,195,113; Mar. 26.
Strain relieving device. A. E. Caldwell. 2,225,031; Dec. 17.
Strain relieving device. F. C. Petersen. 2,189,865; Feb. 13.
Strainer. T. D. McHale. 2,185,512; Jan. 2.
Strainer. S. S. Starzec and Y. V. Sims. 2,187,435; Jan. 16.
Strainer and cooler, Combined. P. Potocek. 2,210,256; Aug. 6.
Strainer and making the same. W. R. Becher. 2,188,493; Jan. 30.
Strainer assembly for refrigeration systems. R. A. Sandberg. 2,202,403; May 28.
Strainer damages in wells, Locating and repairing suction. E. Kerman. 2,201,096; May 14.
Strainer device, Infusion. J. H. Herrerá. 2,205,290; June 18.
Strainer fastener for percolators. J. G. Francis. 2,211,414; Aug. 13.
Strainer for coffee makers. T. J. Anders. 2,225,027; Dec. 17.
Strainer for submersible pumps. A. Hollander. 2,210,977; Aug. 13.
Strainer for vegetables and fruits. P. J. A. Vanoenacker. 2,188,195; Jan. 23.
Strainer, Forming a porous concrete well. C. S. Sanders. 2,187,895; Jan. 23.
Strainer, Liquid. W. C. Elze and I. McDowell. 2,197,971; Apr. 23.
Strainer, Milk. A. W. Franzmeier. 2,199,698; May 7.
Strainer, Milk pail. A. C. Moser. 2,191,395; Feb. 20.
Strainer, Sink. E. M. Reedy. 2,188,613; Jan. 30.
Strainer, Sink. M. F. Schaible. 2,197,083; Apr. 16.
Straining equipment. D. R. McNeal. 2,199,709; May 7.
Strand covering apparatus. S. R. Walsh. 2,224,110; Dec. 3.
Strand covering machine. W. T. Barrans and P. M. Cole. 2,200,323; May 14.
Strand-feeding device for knitting and like machines. R. H. Lawson. 2,199,263; Apr. 30.
Strand guiding apparatus. D. D. Merrick. 2,209,063; July 23.
Strand handling apparatus. E. L. Harold. 2,221,836; Nov. 19.
Strand handling apparatus. H. H. Merwin. 2,198,313; Apr. 23.
Strand handling apparatus. A. C. Nystrom and L. O. Reichelt. 2,200,933; May 14.
Strand handling apparatus. G. A. Seeley. 2,193,887; Mar. 19.

Strand or cable. I. W. Edwards. 2,202,844; June 4.
Strand winding machine. F. C. Berger. 2,185,883; Jan. 2.
Stranding or rope laying machine and its control. J. A. La France and D. D. Symmes. 2,208,306; July 16.
Strands, Method of and apparatus for assembling. B. K. Ford. 2,223,954; Dec. 3.
Strands, Method of and apparatus for assembling. V. S. Martin. 2,200,961; May 14.
Strap. W. J. Boyer. 2,224,074; Dec. 3.
Strap. C. E. Harwood. 2,210,170; Aug. 6.
Strap adjuster for accordions, Bass. C. Lindeberg. 2,221,980; Nov. 19.
Strap and buckle assembling apparatus. C. H. Ineson. 2,222,033; Nov. 19.
Strap, Assist. G. R. Cunnington. 2,206,078; July 2.
Strap check, Check. W. H. Bahan. 2,226,278; Dec. 24.
Strap construction. W. Rosenthal and C. M. Sachs. 2,222,687; Nov. 26.
Strap construction, Wrist watch. W. A. Davis. 2,191,314; Feb. 20.
Strap cutting machine. M. P. Medwick and M. A. Eula. 2,205,573; June 25.
Strap cutting tool. J. E. Ott. 2,214,110; Sept. 10.
Strap fastener. G. J. Gilmore. 2,185,891; Jan. 2.
Strap for accordions and other musical instruments, Shoulder. H. Petersen. 2,203,234; June 4.
Strap for automatic looms, Picker stick check. C. C. Bond. 2,221,281; Nov. 12.
Strap for vehicles, Assist. B. Itzcovitz and C. Rosenblum. 2,222,950; Nov. 26.
Strap joint and using same. J. E. Ott. 2,214,109; Sept. 10.
Strap loops, Making. A. H. Sauer, Jr. 2,211,676; Aug. 13.
Strap, Lug. B. T. Clark. 2,185,585; Jan. 2.
Strap, Metallic package binder. J. W. Leslie. 2,224,189; Dec. 10.
Strap, One-piece adjustable. M. A. Benowitz. 2,185,425; Jan. 2.
Strap sealing apparatus. W. C. Childress. 2,223,164; Nov. 26.
Strap, Shoulder. L. Lances. 2,217,517; Oct. 8.
Strap, Stay binding. H. Harvey. 2,185,505; Jan. 2.
Strap tensioning device for box nailing machines. J. O. Turner. 2,222,521; Nov. 19.
Strap tensioning tool. A. E. Adamson. 2,222,162; Nov. 19.
Strap, Watch. H. R. Baker. 2,186,089; Jan. 9.
Strata by means of electromagnetic measurements, Method and apparatus for investigating subterranean. R. W. Lohman. 2,220,788; Nov. 5.
Strata in oil or gas wells, Sealing pervious. H. T. Kennedy. 2,223,804; Dec. 3.
Strata, Method and apparatus for determining the strike and dip of subsurface. C. H. Johnson. 2,203,730; June 11.
Strata, Sealing water bearing. H. Limburg. 2,223,789; Dec. 3.
Straw collecting device. H. Peterson. 2,221,719; Nov. 12.
Straw dispenser, Automatic. M. H. Kucharsky. 2,195,177; Mar. 26.
Streamline article display device. N. P. Steckler. 2,224,938; Dec. 17.
Stress indicating washer. H. S. Jeans and K. D. Williams. 2,188,356; Jan. 30.
Stretcher and creaser, Garment. W. C. Hansen. 2,204,354; June 11.
Stretcher, Collapsible. J. S. Dunn. 2,201,890; May 21.
Stretcher contrivance for use in ski tours, Emergency. T. Insam. 2,203,909; June 11.
Stretcher, Curtain. C. G. Carlson. 2,217,003–4; Oct. 8.
Stretcher, Curtain. A. F. McBryde. 2,205,820; June 25.
Stretcher, Curtain. H. Rosenthal. 2,223,462; Dec. 3.
Stretcher, Foldable. H. Reichert. 2,224,087; Dec. 3.
Stretcher, Garment. A. J. and P. W. Mueller. 2,209,130; July 23.
Stretcher, Pinless curtain. W. J. Evans. 2,213,879; Sept. 3.
Stretcher, Pork side. H. F. Lee. 2,217,844; Oct. 15.
Stretcher, splint. G. M. Morrison. 2,191,097; Feb. 20.
Stretcher, Wire. J. T. Faulkner, Jr. 2,197,177; Apr. 16.
Stretcher, Wire. G. T. Thompson. 2,221,277; Nov. 12.
Stretching apparatus for screen cloth. G. A., G., and C. Overstrom. 2,223,267; Nov. 26.
Stretching machine. F. Singer and A. Liebergeld. 2,218,460; Oct. 15.
Stretching mechanism. M. E. Brooks and A. T. Deily. 2,218,503; Oct. 22.
Stretching tool, Electrically driven. W. C. Childress. 2,204,572; June 18.
Striker coupling for self-loading weapons. H. Schmeisser. 2,224,524; Dec. 10.
Striker plate. H. M. Dodge. 2,217,892; Oct. 15.
Striker plate. E. G. Simpson. 2,194,033; Mar. 19.
Striker plate. G. W. Wells. 2,215,434; Sept. 17.
Striker plate for door locks. W. Swallow. 2,208,610; July 23.
String for musical instruments. S. Kaplan. 2,205,144; June 18.
Stringed instrument. M. Rivera. 2,208,391; July 16.
Stringed instruments, Electric pickup unit for. D. J. Dickerson. 2,209,016; July 23.
Stringer for vegetables and the like. M. Muker. 2,210,769; Aug. 6.
Strip advancing device for autographic registers. W. E. Gochnauer. 2,219,956; Oct. 29.
Strip and manufacturing the same, Flexible and resilient beaded. F. A. Best. 2,195,046; Mar. 26.
Strip, Awning. E. J. Miller. 2,189,567; Feb. 6.
Strip coiling machine. H. Linn. 2,221,354; Nov. 12.
Strip coiling machine. E. W. Mikaelson. 2,202,563; May 28.
Strip, Connector. F. R. Eichner. 2,189,137; Feb. 6.
Strip cutting device. R. R. Ward. 2,218,667; Oct. 22.
Strip feed control mechanism, Automatic. V. F. Zahodiakin. 2,221,464; Nov. 12.
Strip feeding for sound and sound picture systems. H. Friemel. 2,223,033; Nov. 26.
Strip for tubing production, Manufacture of coated. C. A. Scharschu. 2,187,844; Jan. 23.
Strip gauging device. E. B. Hudson. 2,211,657; Aug. 13.
Strip, Holding. J. B. Boyd and G. L. Eisenhauer. 2,219,409; Oct. 29.
Strip material, Method of and apparatus for notching. W. D. Kmentt. 2,198,501; Apr. 23.
Strip material, Packaging. P. A. Ward. 2,197,845; Apr. 23.
Strip metal, Coiling of continuous. F. K. Schefe. 2,200,656; May 14.
Strip, Method and apparatus for annealing. R. J. Wean. 2,199,472; May 7.
Strip, Method and apparatus for annealing. R. J. Wean and J. D. Keller. 2,205,915; June 25.
Strip, Method and apparatus for treating. R. J. Wean and D. A. McArthur. 2,196,600; Apr. 9.
Strip mill. F. H. Smith and H. A. Stringfellow. 2,201,210; May 21.
Strip or the like, Method and apparatus for coating. R. J. Wean and H. W. Theiss. 2,224,578; Dec. 10.
Strip punching machine. H. O. Bates. 2,202,889; June 4.
Strip punching machine. H. B. and C. H. Lindsay. 2,209,407; July 30.
Strip severing device. S. S. Gordon. 2,209,453; July 30.
Strip, Spring tension parting. O. A. Hedman. 2,215,395; Sept. 17.
Strip, Tacking. W. H. Neely. 2,209,629; July 30.
Strip take-up block. F. E. Robinson. 2,198,276; Apr. 23.
Stripper attachment for brakes. C. MacGregor. 2,222,566; Nov. 19.
Stripper for carton, Vacuum. J. Munn and A. H. Burnett. 2,221,990; Nov. 19.
Stripper for printing presses. R. C. Brown, Jr. 2,211,766; Aug. 20.
Stripper, Hydraulic hold-down. R. B. Gorham. 2,215,643; Sept. 24.
Stripper reel. L. Young and A. A. Boyle. 2,187,580; Jan. 16.
Stripping, inserting, and drawing table. E. F. Kinzler. 2,190,947; Feb. 20.
Stripping mechanism. A. Langsner. 2,225,457; Dec. 17.
Stripping mechanism for printing presses. W. W. Davidson. 2,211,765; Aug. 20.
Stripping process. C. H. Hempel. 2,208,294; July 16.
Stripping, Window. H. E. and E. L. Bell. 2,195,528; Apr. 2.
Strips in casings, Method and machine for laminating. A. J. Freeman. 2,222,611; Nov. 26.
Strips of material, Propelling means for long. S. Cohn and J. G. Walter. 2,200,328; May 14.
Strips of paper and the like, Method and apparatus for folding. W. S. Cloud. 2,190,823; Feb. 20.
Striped elastic fabric. N. E. Randall. 2,212,378; Aug. 20.
Stripes in looped fabrics and mechanism for carrying out that method, Preventing or lessening the formation of longitudinal. C. Scheller. 2,218,696; Oct. 22.
Striping machine. C. M. Harvey. 2,203,529; June 4.
Striping means. F. M. Carroll. 2,210,567; Aug. 6.
Striping or banding machine. R. H. Johnson. 2,203,572; June 4.
Stroboscopic analyzer. V. W. Thomas. 2,219,168; Oct. 22.
Stroboscopic distant indicator. C. E. Main and L. Hanson. 2,203,995; June 11.
Stropper. J. D. Chiesa. 2,194,739; Mar. 26.
Structural assembly. E. N. Winslow. 2,202,881; June 4.
Structural block. J. J. O'Leary. 2,199,112; Apr. 30.
Structural composition of anodes for electro-thermically modulable radiators. F. E. Fischer. 2,189,786; Feb. 13.
Structural element. O. C. Baker. 2,190,004; Feb. 13.
Structural element including structural shapes. G. R. Brophy and H. J. French. 2,200,872; May 14.
Structural material. M. Omansky. 2,221,431; Nov. 12.
Structural material. T. Sendzimir. 2,190,490; Feb. 13.
Structural member. A. C. Fischer. 2,185,335; Jan. 2.
Structural member. A. Rafter. 2,185,384; Jan. 2.
Structural member. H. Scheller, K. Wagner, and K. Aikele. 2,218,122; Oct. 15.
Structural member and making same. C. H. and J. G. Moore. 2,201,047; May 14.
Structural member, Steel fabricated. G. W. Connors, Jr. 2,210,026; Aug. 6.
Structural members, Manufacture of. R. T. McGee. 2,201,316; May 21.
Structural set. C. A. and C. B. Geib. 2,226,763; Dec. 31.
Structural unit. C. W. Allen. 2,225,612; Dec. 24.

Structural unit. W. S. Darling. 2,208,019; July 16.
Structural unit and making it. W. H. Stulen. 2,207,952; July 16.
Structure. T. Maddock. 2,192,269; Mar. 5.
Structure and preparing same, Artificial. E. Freund and F. Deutsch. 2,186,452; Jan. 9.
Structure, Assembled. C. Ringle. 2,205,275; June 18.
Structure for absorbing sound. J. Mazer. 2,209,825; July 30.
Structure for growing plants in inert material. V. A. Tiedjens. 2,211,445; Aug. 13.
Structure for preventing static electricity. J. C. Patrick. 2,218,176; Oct. 15.
Structure, Portable. G. Thofehrn and H. Rauchholz. 2,187,436; Jan. 16.
Structure, Rimmed. E. C. Bullock. 2,187,263; Jan. 16.
Structure, Submersible. F. M. Mason. 2,194,561; Mar. 26.
Structures and bearings, Making porous metal. W. G. Calkins and A. J. Langhammer. 2,222,251; Nov. 19.
Strut for cycles and similar vehicles. A. J. E. Rylander. 2,201,922; May 21.
Strut, Resilient. J. F. Wallace. 2,196,089; Apr. 2.
Strut, Shock. C. V. Johnson. 2,197,474; Apr. 16.
Strut, Shock. C. V. Johnson. 2,209,603; July 30.
Strut, Shock. C. V. Johnson. 2,227,261; Dec. 31.
Strut, Shock absorbing. J. E. Renfer. 2,213,823; Sept. 3.
Stud and rafter. A. Rafter. 2,185,475; Jan. 2.
Stud engaging member, Making a resilient. J. H. Arthur. 2,212,361; Aug. 20.
Stud or protector for sporting boots and shoes. W. H. Lewis. 2,225,204; Dec. 24.
Stud, Snap fastener. S. E. Pihl. 2,191,412; Feb. 20.
Stud, Telescoping. G. Schneider. 2,195,685; Apr. 2.
Studding, Nailing ground. W. G. Hurlbert, Jr. 2,218,428; Oct. 15.
Studding, Steel. W. G. Hurlbert, Jr. 2,218,427; Oct. 15.
Stuffing and packing machine. M. Goldberg. 2,208,255; July 16.
Stuffing box. J. S. Abercrombie. 2,199,215; Apr. 30.
Stuffing box. N. H. Armstrong and R. M. Marr. 2,218,839; Oct. 22.
Stuffing box. J. J. Betzold. 2,216,107; Oct. 1.
Stuffing-box packing. G. Huhn. 2,212,500; Aug. 27.
Stump sock. F. O. Peterson. 2,202,598; May 28.
Stylus, Recording. F. L. Capps. 2,187,512; Jan. 16.
Styrene copolymers. E. C. Britton, H. B. Marshall, and W. J. Le Fevre. 2,186,360; Jan. 9.
Styrene copolymers in finely divided form, Preparation of. E. C. Britton, H. B. Marshall, and W. J. Le Fevre. 2,216,094; Sept. 24.
Styrene, Producing. O. H. Smith. 2,189,771; Feb. 13.
Styrene, Stabilization of. S. G. Foord. 2,225,471; Dec. 17.
Styrene, Stabilization of. S. G. Foord. 2,226,714; Dec. 31.
Styrene, Stabilization of. S. M. Stoesser and R. H. Boundy. 2,215,255; Sept. 17.
Styrene, Treatment of monomeric. S. M. Stoesser. 2,210,639; Aug. 6.
Styrene-tung oil copolymer. S. M. Stoesser and A. R. Gabel. 2,190,906; Feb. 20.
Styrenes, Acyl. A. W. Ralston and R. J. Vander Wal. 2,197,709; Apr. 16.
Subframe member for velocipedes. B. J. Anderson. 2,188,561; Jan. 30.
Submarine mines, System for laying. L. A. Dunajeff. 2,198,907; Apr. 30.
Submersible electric motor. T. G. Myers and F. Mason. 2,193,463; Mar. 12.
Submersible pump. J. M. Hait. 2,199,490; May 7.
Submersible pump. J. B. Hawley. 2,217,746; Oct. 15.
Submersible pump, Series-parallel. A. Hollander. 2,204,857; June 18.
Submersible structure. T. G. Myers, G. T. Pfleger, and F. Mason. 2,218,937; Oct. 22.
Substance containing gold and producing the same. F. Feigl. 2,192,285; Mar. 5.
Substance having tanning action and producing the same. E. Stiasny. 2,191,818; Feb. 27.
Substance lowering the blood pressure, Obtaining a. E. Wollheim. 2,190,248; Feb. 13.
Succinonitrile, Synthesis of. A. D. Macallum. 2,211,240; Aug. 13.
Sucker rod rack. R. A. Roberts. 2,186,151; Jan. 9.
Sucker rod string, Cellular. E. V. Watts. 2,198,957; Apr. 30.
Sucker rod wrench. J. F. Sisson. 2,217,238; Oct. 8.
Sucrose bearing materials, Treating impure. W. H. Young. 2,201,419; May 21.
Suction cleaner. B. C. Becker. 2,198,900; Apr. 30.
Suction cleaner. B. C. Becker. 2,202,979–80; June 4.
Suction cleaner. B. C. Becker. 2,205,078; June 18.
Suction cleaner. B. C. Becker. 2,218,160; Oct. 15.
Suction cleaner. B. C. Becker. 2,226,365; Dec. 24.
Suction cleaner. W. C. Bell. 2,202,982; June 4.
Suction cleaner. F. A. Benson. 2,218,035; Oct. 15.
Suction cleaner. Q. Berg. 2,218,161; Oct. 15.
Suction cleaner. C. Burkhardt. 2,225,621; Dec. 24.
Suction cleaner. V. E. Carlson. 2,192,397; Mar. 5.
Suction cleaner. V. E. Carlson. 2,203,983; June 4.
Suction cleaner. V. E. Carlson. 2,218,163; Oct. 15.
Suction cleaner. V. E. Carlson. 2,226,371; Dec. 24.
Suction cleaner. G. P. Daiger. 2,188,390; Jan. 30.
Suction cleaner. H. S. Demaree. 2,223,353; Dec. 3.
Suction cleaner. P. B. Ellis. 2,210,030; Aug. 6.
Suction cleaner. D. C. Gerber. 2,203,463; June 4.
Suction cleaner. D. C. Gerber. 2,218,166; Oct. 15.
Suction cleaner. W. F. Hudson. 2,218,169; Oct. 15.
Suction cleaner. R. Kahn. 2,222,077; Nov. 19.
Suction cleaner. W. H. Kitto. 2,202,989; June 4.
Suction cleaner. E. F. Martinet. 2,203,171; June 4.
Suction cleaner. D. B. Replogle. 2,210,950; Aug. 13.
Suction cleaner. D. B. Replogle. 2,210,953; Aug. 13.
Suction cleaner. H. L. Schug. 2,218,180; Oct. 15.
Suction cleaner. D. G. Smellie. 2,202,999; June 4.
Suction cleaner. D. G. Smellie. 2,212,671; Aug. 27.
Suction cleaner. D. G. Smellie. 2,224,202; Dec. 10.
Suction cleaner. C. H. Taylor. 2,188,379; Jan. 30.
Suction cleaner. C. H. Taylor. 2,203,001; June 4.
Suction cleaner. C. H. Taylor. 2,209,799; July 30.
Suction cleaner. C. H. Taylor. 2,218,184; Oct. 15.
Suction cleaner. U. A. Whitaker. 2,224,205; Dec. 10.
Suction cleaner. H. B. White. 2,188,381; Jan. 30.
Suction cleaner. H. B. White. 2,198,897; Apr. 30.
Suction cleaner. H. B. White. 2,226,362; Dec. 24.
Suction cleaner. E. H. Yonkers, Jr. 2,198,568; Apr. 23.
Suction cup feeder, and method of feeding. K. E. Peiler. 2,199,140; Apr. 30.
Suction device for gasoline engines. S. Hashimoto. 2,186,673; Jan. 9.
Suction gripper. G. Spiess. 2,207,492; July 9.
Suction mechanism. R. B. Sargent. Re. 21,416; Apr. 2.
Suction roll for papermaking machines. W. Thaler. 2,204,780; June 18.
Suede finish, Producing. E. R. Stern. 2,204,262; June 11.
Sugar and making the same, Uncrystallizable. C. G. Guth. 2,187,122; Jan. 16.
Sugar cane mill. E. A. Schwarz and O. Faber. 2,205,632; June 25.
Sugar composition. J. R. White and J. A. Dunn. 2,225,894; Dec. 24.
Sugar composition and producing same, Impalpable. G. D. Turnbow. 2,193,950; Mar. 19.
Sugar crystals from solution, Recovering. A. Ludwig and C. L. Swihart. 2,213,710; Sept. 3.
Sugar dispenser, Sanitary. C. E. Truitt. 2,196,712; Apr. 9.
Sugar granule manufacture. J. W. Schlegel and L. Lang. 2,205,177; June 18.
Sugar juices and solutions, Purifying. R. Boyd. 2,191,365; Feb. 20.
Sugar, Manufacture of beet. G. E. Stevens. 2,217,603; Oct. 8.
Sugar, Manufacture of cane. G. E. Stevens. 2,217,604; Oct. 8.
Sugar, Manufacturing. R. L. Lay. 2,214,281; Sept. 10.
Sugar massecuites and similar mixtures, Centrifuging and washing. E. Roberts and G. E. Stevens. 2,223,663; Dec. 3.
Sugar melts, Treating. D. V. Wadsworth and L. Wickenden. Re. 21,498; June 25.
Sugar mixture and process, Spray-dried. J. F. Walsh. 2,223,925; Dec. 3.
Sugar, Producing refined. L. C. A. Feurtado. 2,194,195; Mar. 19.
Sugar product and process of manufacture, Nonbitter starch conversion. J. F. Walsh, S. M. Kinzinger, and A. H. Goodman. 2,192,213; Mar. 5.
Sugar products from carbohydrates by acid hydrolysis, Manufacturing dextrose containing. W. Kröner and H. Kothe. 2,186,075; Jan. 9.
Sugar, Recovery and purification of. A. M. Thomsen. 2,210,514; Aug. 6.
Sugar, Refining. E. Roberts and G. E. Stevens. 2,217,598; Oct. 8.
Sugar refining with the manufacture of milk chocolate, condensed milk, and other products, Consolidating. W. D. Horne. 2,209,202; July 23.
Sugar solutions, Treatment of. P. Sanchez and E. N. Ehrhart. 2,216,753–4; Oct. 8.
Sugar, Testing. H. Jacobius. 2,206,282; July 2.
Suitcase or other article of luggage. W. Bracken. 2,214,118. Sept. 10.
Suitcase, Rainproof and adjustable two-in-one. B. Friedman. 2,205,118; June 18.
Suitcase, Wardrobe. E. D. Hallman. 2,206,564; July 2.
Suit, Life-saving. J. C. Myers. 2,195,736; Apr. 2.
Suit, Nonsinkable bathing. A. L. Sommers and A. M. Littger. 2,197,324; Apr. 16.
Suit, Safety swimming. A. Then. 2,197,228; Apr. 16.
Suit, Swim. J. Solomon. 2,225,721; Dec. 24.
Sulling apparatus. J. L. Schueler. 2,203,065; June 4.
Sulphanilamide camphorate and making it. J. Ebert. 2,223,937; Dec. 3.
Sulphanilamides and making them, Substituted. F. Mietzsch and J. Klarer. 2,202,219; May 28.
Sulphanilamido-aminopyridines and producing the same. E. T. Tisza, B. F. Duesel, and H. L. Friedman. 2,202,933; June 4.
Sulphate, Anhydrous aluminum. W. S. Wilson and N. A. Sargent. 2,211,805; Aug. 20.
Sulphate conversion system. I. Hechenbleikner and N. Titlestad. 2,215,394; Sept. 17.
Sulphate solutions, Electrolysis of. R. Suchy and G. Messner. 2,198,045; Apr. 23.

Sulphates, Manufacture of purified pigmentary alkaline earth metal. H. V. Alessandroni. 2,215,866; Sept. 24.
Sulphates of unsaturated alcohols. C. O. Henke and F. M. Schofield. 2,199,403; May 7.
Sulphation, Process of. M. Engelmann. 2,199,398; May 7.
Sulphide, Making zinc. H. A. Depew. 2,201,522; May 21.
Sulphide polymers and mineral oil compositions containing same, Organic. E. Lieber and L. A. Mikeska. 2,198,828; Apr. 30.
Sulphide, Production of hydrogren. A. H. Maude and J. D. Sweeney. 2,214,859; Sept. 17.
Sulphides, Plasticizing polymeric organic. M. A. Youker. 2,186,714; Jan. 9.
Sulphides, Process and product relating to stabilization of cyclic. W. Coltof and S. L. Langedijk. 2,185,660; Jan. 2.
Sulphonamide, preparing it, and a filament made therefrom, Polymeric. E. L. Martin. 2,223,916; Dec. 3.
Sulphonate, Purification of oil soluble. F. M. Archibald. 2,214,037; Sept. 10.
Sulphonated products. E. A. Mauersberger. 2,185,817; Jan. 2.
Sulphonated products, Making. B. A. Dombrow and R. M. Beach. 2,203,524; June 4.
Sulphonates, Alkyl hydroxy aromatic. L. H. Flett. 2,196,985; Apr. 16.
Sulphonates, Preparation of organic. A. C. Bell, G. D. Miles, and K. L. Russell. 2,187,144; Jan. 16.
Sulphonates, Production of surface-active. J. M. Hoeffelman. 2,208,581; July 23.
Sulphonates, Separation of organic. J. H. Percy. 2,204,969; June 18.
Sulphonation. V. Mills. 2,187,244; Jan. 16.
Sulphonation derivatives, Production of. E. D. Crittenden. 2,195,145; Mar. 26.
Sulphonation derivatives, Production of. W. W. Moyer. 2,195,187–8; Mar. 26.
Sulphonation product. R. Kapp. 2,203,642; June 4.
Sulphonation products and manufacture. J. H. Cromwell and S. R. Merley. 2,220,678; Nov. 5.
Sulphones, Manufacture of aminoaryl. F. Felix, R. von Capeller, and R. Sallmann. 2,221,915; Nov. 19.
Sulphones, Manufacture of aromatic. J. Huismann. 2,224,964; Dec. 17.
Sulphonic derivatives of amides. A. K. Epstein and M. Katzman. 2,198,806; Apr. 30.
Sulphonic or sulphate derivatives of hydrocarbons, Water-soluble and oil-soluble. T. C. Oliver. 2,203,441; June 4.
Sulphonium compounds. B. R. Harris. 2,193,963; Mar. 19.
Sulphonium sulphates, Process and product relating to capillary-active. A. J. van Peski and J. M. Hoeffelman. 2,204,976; June 18.
Sulphonium sulphonates, Production of. A. J. van Peski and J. M. Hoeffelman. 2,185,654; Jan. 2.
Sulphonyl chlorides of olefin polymers, Production of. D. M. McQueen. 2,212,786; Aug. 27.
Sulphur bleaching animal textile fiber, Process and apparatus for. L. H. Mason. 2,204,044; June 11.
Sulphur by reaction between sulphureted hydrogen and sulphur dioxide, Producing elemental. A. R. Lindblad and F. O. Herneryd. 2,200,928; May 14.
Sulphur compounds and synthesizing the same. B. H. Lincoln and G. D. Byrkit. 2,199,361; Apr. 30.
Sulphur compounds from iron, Removal. H. Koppers. 2,198,625; Apr. 30.
Sulphur compounds, Organic. W. J. Burke. 2,212,150; Aug. 20.
Sulphur compounds, Preparation of organic. B. H. Shoemaker and H. R. Batchelder. 2,211,990; Aug. 20.
Sulphur-containing Diesel fuel ignition agents, Preparation of. C. H. Seeley and M. H. Arveson. 2,205,126; June 18.
Sulphur dioxide from calcium sulphate, Production of. F. Bornemann, H. Huber, and H. Mengele. 2,222,740; Nov. 26.
Sulphur dioxide from metal sulphates, Production of. B. Barnes and H. E. Broughton. 2,202,414; May 28.
Sulphur dioxide from waste gases, Removing and recovering. H. F. Johnstone. Re. 21,631; Nov. 26.
Sulphur dioxide, Production of concentrated. C. B. von Girsewald, G. Roesner, and M. Wohlwill. 2,192,461; Mar. 5.
Sulphur dioxide, Recovery of. R. F. Bacon and R. Fanelli. 2,195,980; Apr. 2.
Sulphur dioxide, Recovery of. R. F. Bacon and R. Fanelli. 2,196,004; Apr. 2.
Sulphur dioxide, Recovery of. G. H. Gleason and A. C. Loonam. 2,186,453; Jan. 9.
Sulphur dioxide, Removing and recovering. H. F. Johnstone. 2,225,744; Dec. 24.
Sulphur, Dispersible hydrophilic. P. J. Ehman and W. O. Walker. 2,201,124; May 14.
Sulphur from sulphur dioxide and gases containing same, Recovery of elementary. C. B. von Girsewald, G. Roesner, and J. Barwasser. 2,213,787; Sept. 3.
Sulphur impurities from petroleum oils, Removing. W. A. Smith. 2,216,027; Sept. 24
Sulphur nitride, Manufacture of. C. F. Swinehart. 2,190,177; Feb. 13.
Sulphur, Production of. H. Baehr and K. Braus. 2,200,529; May 14.
Sulphur, Production of. B. M. Carter. 2,208,247; July 16.
Sulphur, Recovering. A. Maxton. 2,215,969; Sept. 24.
Sulphur, Recovery of. R. Rosen. 2,195,870; Apr. 2.
Sulphur trioxide addition compound, Thioxane. P. Nawiasky and G. E. Sprenger. 2,219,748; Oct. 29.
Sulphuric acid esters of alcoholethers containing carbocyclic group. A. Steindorff, G. Balle, P. Heimke, and K. Hors. 2,203,883; June 11.
Sundial, Clock time. E. K. Mead. 2,192,750; Mar. 5.
Sundial, Equatorial precision. J. P. M. Gaudet. 2,207,195; July 9.
Sunglasses. R. Ehrlich. 2,225,625; Dec. 24.
Supercharger. C. R. Waseige. 2,205,549; June 25.
Supercharger for internal combustion engines. R. P. Baile. 2,196,332; Apr. 9.
Supercharger, Multispeed. E. F. Pierce. 2,203,843; June 11.
Supercharger, Two-speed. D. S. Hersey. 2,197,179; Apr. 16.
Superheat control. C. H. Davy. 2,213,121; Aug. 27.
Superheater. W. H. Armacost. 2,223,199; Nov. 26.
Superheater, Locomotive boiler. L. B. Jones and R. T. Strattan. 2,186,904; Jan. 9.
Superheater, Steam. H. Melhuish. 2,209,658; July 30.
Superheterodyne receiving circuit. J. Haantjes and B. D. H. Tellegen. 2,200,498; May 14.
Superphosphate, Conditioning. J. Hagood. 2,198,592; Apr. 30.
Superpolycarbonate. W. R. Peterson. 2,210,817; Aug. 6.
Superposed carrier, Separable. G. Konicek. 2,195,572; Apr. 2.
Supervision system, Through. H. W. Ulrich. 2,210,739; Aug. 6.
Supervisory control system. L. D. White and C. E. Stewart. 2,205,894; June 25.
Supervisory means for communicating channels. S. C. Leyland. 2,224,736; Dec. 10.
Supervisory system. V. Durbin. 2,212,660; Aug. 27.
Supply line for electric vehicles. E. Dozier. 2,193,623; Mar. 12.

Support: *See*—
Accordion support.
Adjustable body support.
Adjustable seat support.
Adjustable support.
Adjustable telephone support.
Air-method cleaner support.
Antenna support.
Arch support.
Armature support.
Article support.
Ash tray support.
Automobile door support.
Bag support.
Base support.
Battery support.
Bed clothes support.
Body support.
Bottle support.
Brake hanger support.
Brake gear support.
Cable support.
Carburetor float support.
Cathode support.
Ceramic support.
Cigarette and cigar support.
Clincher support
Clothesline support.
Coil support
Collar and tie support.
Collar button and necktie support.
Collar or neckband suppor
Compressor support.
Conductor support.
Cover support.
Crucible support.
Cuboid metatarsal support
Curtain and drapery support.
Curtain rod support.
Curtain support.
Cushion support.
Deck support.
Display support.
Drill support.
Easel support.
Electrical conductor support.
Electrode support.
Electroplating support.
Engine support.
Fan support.
Fishing rod support.
Flag support.
Flexible support.
Frame support.
Fruit cutting support.
Fuel tank and bonnet support.
Funnel support.
Furnace support.
Garment support.
Golf bag support.
Grid electrode support.
Hat support
Head and chin support.
Head lining listing support
Hoist support.
Hood and lid support.
Hose nozzle support.
Implement support.
Indicator support.
Infant's support.
Instrument support.
Ironing board and iron support.
Laundry machine support.
Lid support
Machine support.
Mattress support.
Motor support.
Movable conductor support.
Movable support.
Outboard motor support.
Paint brush support.
Pick-up support.
Portable welder support.
Pot support.
Punch support.
Razor support.
Resilient support.
Sadiron support.
Screen support.
Shelf support.
Shelter support.
Stand and cord support.
Step support.
Stove support.
Swing support.
Table leaf support.
Tank support.
Thermocouple support
Tool support.
Trailer front end support.
Transformer winding support.
Treatment tent support.
Tripod support.
Trolley guard support.
Trolley wire support.
Truck support.
Trunk lid support.
Tubing support.
Tunnel kiln ware support.
Umbrella support

Support: *See*—
Universal foot support.
Vibration absorbing support.
Water closet support.
Work support.

Support. A. J. Berndt. 2,196,891–2; Apr. 9.
Support. L. V. Doyle. 2,223,557; Dec. 3.
Support. A. F. Gaidos. 2,204,013; June 11.
Support. P. M. Hassler. 2,207,860; July 16.
Support. R. Putnoky. 2,210,216; Aug. 6.
Support. G. R. Rich. 2,222,488; Nov. 19.
Support and bracket, Detachable fixture. R. S. Sanford. 2,189,153; Feb. 6.
Support and drape for casket lowering devices. F. M. Compton. 2,204,723; June 18.
Support and flexible conductor, Guide. E. D. Crammond. 2,190,108; Feb. 13.
Support and holder therefor, Key. I. Geller. 2,197,217; Apr. 16.
Support and line gauge, Book. W. S. Crawford. 2,202,190; May 28.
Support and locking means therefor, Adjustable. T. A. McGregor. 2,215,012; Sept. 17.
Support and opener for fluid dispensing containers. G. B. Applegate. 2,210,789; Aug. 6.
Support and spacer for concrete reinforcements. W. P. Awbrey. 2,188,424; Jan. 30.
Support and stop, Combined shade. G. W. Lang. 2,203,161; June 4.
Support chair, Brake beam. E. G. Busse. 2,196,249; Apr. 9.
Support clamp, Two-part. N. C. McGann. 2,195,893; Apr. 2.
Support device. J. K. Wood. 2,225,515; Dec. 17.
Support, especially for electrical precipitators, Ionizing wire. R. A. Nielsen. 2,221,601; Nov. 12.
Support for a display mounting, Adjustable. G. Tieri. 2,215,843; Sept. 24.
Support for automobile accessories. J. E. Griffith. 2,210,147; Aug. 6.
Support for beaters or mixers. E. C. Brullhardt. 2,188,701; Jan. 30.
Support for boots or the like. C. E. Montague. 2,189,366; Feb. 6.
Support for building structures and the like, Rocker. F. N. Ropp. 2,208,872; July 23.
Support for casket lowering apparatus. R. B. Hanks. 2,221,134; Nov. 12.
Support for centrifuges. A. H. Haberstump. 2,190,456; Feb. 13.
Support for centrifuges. A. O. McCollum and V. J. Lovett. 2,190,455; Feb. 13.
Support for conveyor troughs of reciprocating or shaker type. W. W. Sloane. 2,197,512; Apr. 16.
Support for cups, glasses, and other containers, Handled. H. H. R. Hanford. 2,194,898; Mar. 26.
Support for cycle saddles, Resilient. F. Mesinger. 2,225,316; Dec. 17.
Support for detector bars, Center. C. D. Brown. 2,220,011; Oct. 29.
Support for drilling machines, Crown sheave. H. O. Williams and W. C. Keys. 2,219,061; Oct. 22.
Support for electric heating elements and method of making same. E. A. Rutenber. 2,226,781; Dec. 31.
Support for electric sadiron cord. M. Koscierzyna. 2,215,292; Sept. 17.
Support for electrical apparatus, Adjustable. H. Köhler. 2,202,589; May 28.
Support for electrodes. H. Kosack. 2,197,526; Apr. 16.
Support for enameled tanks during firing, Equalizer. E. H. Nilson. 2,201,786; May 21.
Support for flatirons, Retractable. W. H. Ginder. 2,185,915; Jan. 2.
Support for floor screens. E. C. Gilson. 2,221,048; Nov. 12.
Support for fluoroscopic units, Collapsible. W. W. McCaw. 2,226,570; Dec. 31.
Support for garment hangers and the like. L. F. Dorsey. 2,196,196; Apr. 9.
Support for gas stoves, Combination lighter and burner. S. H. Hobson. 2,189,796; Feb. 13.
Support for glaze firing, Pottery. A. L. Schreiber. 2,208,734; July 23.
Support for light fixtures, Universal. A. S. Zagel. 2,202,680; May 28.
Support for loom take-up rolls. W. M. Wattie. 2,219,797; Oct. 29.
Support for microphones and the like. F. J. Malat. 2,188,150; Jan. 23.
Support for mine roofs. C. R. Anderson. 2,210,788; Aug. 6.
Support for neck bearing of centrifugal separators. T. H. Miller. 2,187,359; Jan. 16.
Support for pieces of furniture, Elastic. A. Lorenz. 2,186,705; Jan. 9.
Support for radio antennae. A. T. Mace. 2,200,888; May 14.
Support for rattle, Flexible. A. Zadek. 2,189,853; Feb. 13.
Support for recessed wall fixtures, Toilet roll. P. D. Parsons. 2,201,052; May 14.
Support for roller awnings, Center. F. A. Anton. 2,220,311; Nov. 5.
Support for rotary kilns and the like. L. A. Rice. 2,226,910; Dec. 31.
Support for saddles, Resilient. H. Mesinger. 2,188,153; Jan. 23.
Support for sewing machines, Work. C. W. Mueller. 2,211,286; Aug. 13.
Support for shaving bowls, Cover and brush. G. F. Claypool. 2,224,669; Dec. 10.
Support for shoes, Cushion foot. R. R. Ratcliff. 2,221,202; Nov. 12.
Support for shoes, Deformable foot. C. H. Daniels. 2,206,029; July 2.
Support for shoes, Packing. T. Spencer. 2,201,746; May 21.
Support for spools, Spindle. J. Uytenbogaart. 2,185,780; Jan. 2.
Support for stitching machines, Work. J. G. Terzian. 2,201,060; May 14.
Support for tractor implements, Adjustable. O. J. Parks. 2,226,577; Dec. 31.
Support for tubular lamps. O. Kiltie. 2,217,484; Oct. 8.
Support for upset pipe or rod. C. A. Lundeen. 2,207,203; July 9.
Support for vehicle bodies, Roof. R. M. Werner. 2,191,264; Feb. 20.
Support for X-ray work. L. Raab. 2,190,458; Feb. 13.
Support on an incandescent lamp, Forming a reflector. R. W. Wengel. 2,218,254; Oct. 15.
Support structure. L. D. Elliott. 2,200,690; May 14.
Support, Suspended type of. W. Rice. 2,224,161; Dec. 10.
Supporter, Dress shield. E. R. Clark. 2,224,253; Dec. 10.
Supporter, Garment. S. Punch. 2,197,592; Apr. 16.
Supporter, Hose. V. G. Corel. 2,190,932; Feb. 20.
Supporter, Hose. H. Wipperman. 2,196,241; Apr. 9.
Supporter, Sacroiliac. C. J. Flaherty. 2,219,475; Oct. 29.
Supporter, Trouser. E. Wischan. 2,220,188; Nov. 5.
Supporter, Violin. J. P. Spetseris. 2,216,052; Sept. 24.
Supporter, Window curtain. P. Brodbeck. 2,224,012; Dec. 3.
Supporting and adjusting mechanism for suspended gymnastic apparatus. M. Wimer. 2,197,600; Apr. 16.
Supporting and reducing device. M. C. Keith. 2,210,244; Aug. 6.
Supporting bracket. J. G. Rayniak. 2,213,434; Sept. 3.
Supporting construction. R. P. Kroon. 2,212,346; Aug. 20.
Supporting device. E. W. Crum. 2,216,876; Oct. 8.
Supporting device. W. E. Elmer. 2,216,408; Oct. 1.
Supporting device for water bags. A. C. Hoffman. 2,213,930; Sept. 3.
Supporting element for fastening machine members, Sound deadening. I. L. Haadem. 2,224,648; Dec. 10.
Supporting hook. V. E. Simmons. 2,190,550; Feb. 13.
Supporting means for bedsprings, Adjustable. V. Massacese. 2,226,172; Dec. 24.
Supporting means for cables and the like. H. L. Schlosser. 2,218,894; Oct. 22.
Supporting means for piezoelectric plates. W. L. Bond. 2,203,486; June 4.
Supporting means for rock drills. A. Feucht. 2,208,025; July 16.
Supporting mechanism. E. A. Odin. 2,206,467; July 2.
Supporting mechanism, Adjustable. A. J. Rhodes. 2,205,696; June 25.
Supporting stand. L. B. Berg. 2,215,685; Sept. 24.
Supporting structure for railway cars and like vehicles. F. Fahland. 2,198,155; Apr. 23.
Supporting structure for the mechanism and/or dials of clocks. H. Junghans. 2,207,486; July 9.
Supporting structure, Space-closing. E. M. Hünnebeck. 2,186,296; Jan. 9.
Supporting structure, Space-enclosing. E. Hünnebeck. 2,186,297; Jan. 9.
Supports, Making head lining listing. L. H. Heuer. 2,194,902; Mar. 26.
Supports, Manufacture of. W. Reum and L. H. Hamilton. 2,195,632; Apr. 2.
Suppository. F. E. Bibbins. 2,191,139; Feb. 20.
Surface active material. M. Engelmann. 2,199,397; May 7.
Surface broaching machine. W. Ferris. 2,190,642; Feb. 20.
Surface cleaner. D. C. Hubbard. 2,188,114; Jan. 23.
Surface cleaning tool. R. E. Dunbar. 2,205,877; June 25.
Surface construction for ceilings, walls, and the like. F. G. Dresser. 2,218,378; Oct. 15.
Surface construction for walls and the like. F. G. Dresser. 2,218,377; Oct. 15.
Surface cooler. A. O. Flindt. 2,187,555; Jan. 16.
Surface finishing apparatus. D. A. Wallace. 2,195,066; Mar. 26.
Surface finishing machine. A. H. Dall and F. Esz. 2,209,307; July 30.
Surface finishing machine, Sanding and. J. E. Wick. 2,198,047; Apr. 23.
Surface in pattern form, Piled. A. F. Meston and H. A. Wintermute. 2,217,126; Oct. 8.
Surface-protective apparatus. R. S. Colley. 2,204,122; June 11.
Surface reflection, Reduction of. K. B. Blodgett. 2,220,861; Nov. 5.
Surface shaving. R. S. Drummond. 2,206,770; July 2.

Surface speed indicator. S. L. Worsnop. 2,225,849; Dec. 24.
Surface treating apparatus. J. A. Paasche. 2,195,753; Apr. 2.
Surface treating machine. H. A. Fallon. 2,211,716; Aug. 13.
Surface treatment, Multiple action. J. A. Paasche. 2,187,837; Jan. 23.
Surfaces and apparatus therefor, Drying. F. J. Groven. 2,186,067; Jan. 9.
Surfaces, Artificially graining. E. A. Ballew. 2,194,110; Mar. 19.
Surfaces, Bonding. C. C. Kesler. 2,221,484; Nov. 12.
Surfaces, canvas and the like, Decorating wooden. V. Catini. 2,219,251; Oct. 22.
Surfaces, Finishing. R. S. Drummond. 2,200,544; May 14.
Surfaces, Finishing coated metal. M. D. German. 2,222,562; Nov. 19.
Surfaces for roadways and streets, Constructing bituminous-bound wearing. S. E. Finley. 2,220,149; Nov. 5.
Surfaces immune from rust, Method of and composition for cleaning and rendering metal. C. L. Boyle. 2,200,615; May 14.
Surfaces, Method and machine for finishing. R. S. Drummond. 2,208,572; July 23.
Surfaces of grinding wheels used for form grinding, Shaping and truing the operating. S. J. Harley. 2,220,647; Nov. 5.
Surfaces of irregularly shaped objects, Graining. H. J. Pattison. 2,202,464; May 28.
Surfaces, Producing flat. H. E. Holman. 2,194,551; Mar. 26.
Surfaces, Producing smooth. J. T. Cauthen. 2,195,144; Mar. 26.
Surfaces with fluorescent powder, Coating. H. Grossman. 2,227,305; Dec. 31.
Surfacing. R. C. Muzzo. 2,206,671; July 2.
Surfacing machine. E. B. George. 2,193,418; Mar. 12.
Surfacing machine. E. M. Pennock and E. E. Price. 2,207,225; July 9.
Surfacing machine. S. S. Robinson. 2,197,878; Apr. 23.
Surfacing machine, Portable. E. B. George. 2,193,419; Mar. 12.
Surfacing unit. H. J. Little. 2,211,508; Aug. 13.
Surge arrester. C. A. Fox. 2,203,349; June 4.
Surge responsive device. E. R. Whitehead. 2,200,233; May 7.
Surge valve. W. Ernst. 2,193,248; Mar. 12.
Surgical device. S. I. Copen. 2,207,614; July 9.
Surgical device. E. Radcliff. 2,217,968; Oct. 15.
Surgical dressing. F. Elmquist. 2,221,758; Nov. 19.
Surgical instrument. J. L. Montalvo-Guenard. 2,224,575; Dec. 10.
Surgical instrument. W. H. Stadle. 2,212,133; Aug. 20.
Surgical incisions, Closing. C. E. Conn. 2,199,025; Apr. 30.
Surgical instrument. S. J. Blumenthal. 2,202,618; May 28.
Surgical instrument. E. F. Pixler. 2,220,493; Nov. 5.
Surgical instrument. C. R. Storz. 2,192,699; Mar. 5.
Surgical instrument and using the same. E. G. Kesling. 2,204,275; June 11.
Surgical operating device. J. A. Reyniers. 2,219,564; Oct. 29.
Surveying apparatus. F. E. Patton. 2,198,836; Apr. 30.
Surveying instrument. A. N. Brunson. 2,208,014; July 16.
Surveying instrument, Bore-Hole. F. Humphreys. 2,190,790; Feb. 20.
Suspender. J. M. Cohen. 2,185,400; Jan. 2.
Suspending device for a lifesaving rope and belt. J. Frankel. 2,195,299; Mar. 26.
Suspension and driving means for gyratory centrifugals. E. Roberts and J. Hertrich. 2,219,875; Oct. 29.
Suspension device, Resilient. N. Sluyter. 2,189,870; Feb. 13.
Suspension for car wheels. E. Favary. 2,188,654; Jan. 30.
Suspension for instruments on test stands. F. Wendt and J. Haug. 2,218,779; Oct. 22.
Suspension for lighting fixtures. I. Wolarsky. 2,217,533; Oct. 8.
Suspension for trucks, Conjugate. L. E. W. Montrose-Oster. 2,225,075; Dec. 17.
Suspension for vehicles, Anti-vibration. G. H. Schieferstein. 2,199,084; Apr. 30.
Suspension for vehicles of all kinds, Body. J. Kolbe. Re. 21,605; Oct. 22.
Suspension for vertical crusher shafts, Yielding. R. Bernhard. 2,218,783; Oct. 22.
Suspension for wall and ceiling finishes, Flexible. R. Phillips. 2,212,126; Aug. 20.
Suspension loop drying apparatus. H. Haas. 2,218,677; Oct. 22.
Suspension means for drive axles. J. Haltenberger. 2,204,988; June 18.
Suspension mechanism. F. W. Slack. 2,222,377; Nov. 19.
Suspension mechanism for driven and braked tandem axle trucks. L. A. Mallett and R. C. Norrie. 2,225,016; Dec. 17.
Suspension system for a camera and light stage. J. Bossart. 2,190,093; Feb. 13.
Suspension system for vehicles. W. E. Van Dorn. 2,217,033–4; Oct. 8.
Suspension system for vehicles. W. E. Van Dorn and P. K. Beemer. 2,225,242; Dec. 17.
Suspension unit for chair backs. W. F. Herold. 2,188,605; Jan. 30.
Suture and preparing the same, Noncapillary silk. T. F. Bradley. 2,193,188; Mar. 12.
Suture package. C. F. Horine. 2,225,833–4; Dec. 24.
Sutures, Process of packaging. S. B. Bradshaw. 2,197,717; Apr. 16.
Suturing and ligating instrument. J. J. Anastasi. 2,213,830; Sept. 3.
Swab. M. M. Kinley. 2,221,427; Nov. 12.
Swab and washing tool, Combination. A. Boynton. 2,221,775; Nov. 19.
Swab, Well. G. W. McFarlane. 2,224,916; Dec. 17.
Swab, Well. B. E. Parrish. 2,201,451; May 21.
Swage, Power operated saw. R. V. Hanchett. 2,190,920; Feb. 20.
Swaging machine. N. D. Abbey. 2,209,501; July 30.
Swather bar. J. E. Mills. 2,203,418; June 4.
Swatter, Fly. J. Creary. 2,199,044; Apr. 30.
Swatter, Fly. G. K. Cummings. 2,209,260; July 23.
Swatter, Fly. E. W. Haviland. 2,189,360; Feb. 6.
Swatter, Fly. H. M. Lake. 2,206,480; July 2.
Swatter, Fly. H. S. White. 2,207,963; July 16.
Sway stabilizer and shock absorber. J. Correa. 2,220,217; Nov. 5.
Sweatband for hats. L. Szumkowski. 2,218,590; Oct. 22.
Sweeprake, Power operated. J. H. Cope. 2,202,310; May 28.
Sweep, Sewer. R. T. Quick. 2,199,651; May 7.
Sweeper. R. C. Evans. 2,189,859; Feb. 13.
Sweeper. R. W. Wagner. 2,212,677; Aug. 27.
Sweeper brush drive mechanism, Carpet. F. W. Pullen. 2,193,182; Mar. 12.
Sweeper, Carpet. N. W. Cummins. 2,216,184; Oct. 1.
Sweeper, Carpet. J. P. Redfearn. 2,185,753; Jan. 2.
Sweeper, Carpet. J. P. Redfearn. 2,206,429; July 2.
Sweeper, Carpet. I. Richardson. 2,226,581; Dec. 31.
Sweeper dust bag. J. S. Campbell. 2,203,254; June 4.
Sweeper floor tool. D. B. Replogle. 2,190,679; Feb. 20.
Sweeper, Steam spray. E. A. Rudigier. 2,218,625; Oct. 22.
Sweeper, Street. F. G. Hough. 2,199,703; May 7.
Sweeper, Suction. J. B. Kirby. 2,221,745; Nov. 12.
Sweeping composition. H. S. Olcott. 2,198,013; Apr. 23.
Sweetmeats, Manufacture of chocolate coated. T. Daniels. 2,213,902; Sept. 3.
Swing. W. H. Fry. 2,200,881; May 14.
Swing and knockout for cranking units, Combination. J. L. Fincher. 2,210,661; Aug. 6.
Swing, Baby. C. J. Ouellet. 2,191,397; Feb. 20.
Swing hook, Self-oiling. F. H. McLain. 2,201,046; May 14.
Swing jaw mounting. R. Bernhard. 2,210,790; Aug. 6.
Swing or glider. R. W. Hall. 2,188,004; Jan. 23.
Swing, Rotary. J. Brewster, Senior. 2,189,239; Feb. 6.
Swing seat. E. De Vaney. 2,225,737; Dec. 24.
Swing support. A. Berkoben and E. A. Moritz. 2,210,522; Aug. 6.
Swinging door. A. O. Rapp. 2,195,679; Apr. 2.
Swinging sign. C. W. Glasgow. 2,186,241; Jan. 9.
Swinging sign holder. A. R. Kimmick. 2,211,505; Aug. 13.

Switch: *See*—

Air operated switch.
Air pressure indicator switch
Alarm switch.
Antenna selector switch.
Automatic reset switch.
Automatic switch.
Automatic time switch.
Automobile signal switch.
Auxiliary switch.
Brake lever controlled switch.
Cathode ray switch.
Centrifugal electrical switch.
Coin actuated switch.
Control switch.
Count control switch.
Cut-in switch.
Cut-out switch.
Delayed action switch.
Dictating machine switch.
Direction indicator switch.
Direction of rotation responsive switch.
Direction signal switch.
Directional signal switch.
Disconnecting switch.
Electric mercury switch.
Electric safety switch.
Electric snap switch.
Electric switch.
Electrical switch.
Electromagnetic switch.
Emergency switch.
Enclosed switch.
Flame-operable switch.
Flashlight switch.
Float switch.
Flow-operated switch.
Flow switch.
Frictionally driven switch.
Front operated switch.
Fuse switch.
Fused disconnect switch.
Gas or other fluid-controlling valve or electric switch.
Gravity switch.
Heat sensitive switch.
Hygrometer operated switch.
Ignition switch.
Indicator switch.
Inertia operated switch.
Light switch.
Lighting switch.
Limit switch.
Magnetic switch.
Master safety switch.
Mercury switch.
Metal mercury tube switch.
Monorail switch.
Motor driven switch.
Outlet receptacle switch.
Overload cutout switch.

Switch: *See*—
Overload switch.
Periodic switch.
Pneumatic detector switch.
Protective motor starting switch.
Pushbutton switch.
Quick break air operated switch.
Railway, mine, and trolley switch.
Rebound switch.
Repeater fuse switch.
Reverse current switch.
Rheostat switch.
Rotary switch.
Safety cutout switch.
Safety ground switch.
Safety switch.
Section switch.
Selective switch.
Selective timer switch.
Signal control switch.
Signal light switch.
Signal switch.
Snap-action switch.
Snap switch.
Spinner switch.
Speed teller light switch.
Steering wheel switch.
Step-by-step switch.
Tamper switch.
Telephone switch.
Thermal electric switch.
Thermal protective switch.
Thermal switch.
Thermally actuated switch.
Thermomagnetic switch.
Thermostatic switch.
Thermostatically-controlled switch.
Three position electric snap switch.
Time controlled switch.
Time delay mercury switch.
Time delay switch.
Time switch.
Tire pressure indicator switch.
Tire switch.
Toy railroad track switch.
Toy railway switch.
Tumbler switch
Vacuum cleaner switch.
Wall box switch.
Wall outlet and plug switch.
Wall switch.
Web guide switch.
Wind switch.

Switch. S. B. Allen. 2,202,681; May 28.
Switch. E. P. Barlow and H. A. Cramer, Jr. 2,209,378; July 30.
Switch. P. S. Bear 2,207,710; July 16.
Switch. J. Q. Cummings. 2,213,625; Sept. 3.
Switch. E. Dillman and J. E. Fleury. 2,199,357; Apr. 30.
Switch. T. L. Fenn and W. J. Turenne. 2,185,433; Jan. 2.
Switch. L. E. Fisher. 2,225,692; Dec. 24.
Switch. L. E. Fisher and W. H. Frank. 2,211,107; Aug. 13.
Switch. J. W. Hamilton and J. K. Asder. 2,215,788; Sept. 24.
Switch. R. H. Hill. 2,195,746; Apr. 2.
Switch. F. L. Humeston. 2,185,849; Jan. 2.
Switch. E. J. Mastney and M. H. Sussin. 2,213,845; Sept. 3.
Switch. F. R. Meginniss. 2,209,702; July 30.
Switch. T. J. Mudon. 2,202,297; May 28.
Switch. H. J. Murphy. 2,215,247; Sept. 17.
Switch. M. J. Pike. 2,214,145; Sept. 10.
Switch. R. Popp and M. C. Carlson. 2,209,104; July 23.
Switch. A. Ramsey. 2,193,238; Mar. 12.
Switch. A. Ramsey. 2,211,161; Aug. 13.
Switch. A. Ramsey. 2,226,385–6; Dec. 24.
Switch. J. Riggs. 2,188,725; Jan. 30.
Switch. C. F. Thompson. 2,192,211; Mar. 5.
Switch. J. A. V. Turck. 2,219,878; Oct. 29.
Switch. W. J. Uhlhorn. 2,214,092; Sept. 10.
Switch. C. J. Werner. 2,197,200; Apr. 16.
Switch. C. J. Werner. 2,222,209; Nov. 19.
Switch. L. C. Wolcott. 2,209,868; July 30.
Switch actuating device, Time. B. E. Lenehan and G. W. Rosenberger. 2,186,250; Jan. 9.
Switch actuating means. J. H. Staley. 2,205,314; June 18.
Switch and alarm for electrical apparatus, Grounding safety. J. La Deau. 2,207,202; July 9.
Switch and bumper, Ball. H. E. Williams and L. A. Durant. 2,209,589; July 30.
Switch and control therefor, Signal light. I. Nesson. 2,194,210; Mar. 19.
Switch and safety device, Thermostatic. D. Eisinga. 2,223,359; Dec. 3.
Switch and signal control system for railroads. S. N. Wight and A. Langdon. 2,219,502; Oct. 29.
Switch and signal control system for railroads. S. N. Wight. 2,219,503; Oct. 29.
Switch apparatus, Mercury. L. F. Muter. 2,192,797; Mar. 5.
Switch as used in telephone or like systems, Automatic. D. Wright. 2,186,313; Jan. 9.
Switch assembly. W. C. Furnas and G. H. Hansen. 2,193,127; Mar. 12.
Switchboard. C. P. West. 2,210,696; Aug. 6.
Switchboard construction. M. J. Rubel. 2,196,399; Apr. 9.
Switchboard cord reel. W. O. Fullerton. 2,194,933; Mar. 26.
Switch box. J. W. MacMillen. 2,214,968; Sept. 17.
Switch box. A. W. Thomasen. 2,218,033; Oct. 15.
Switch box or the like, Explosionproof. A. I. Appleton. 2,225,945; Dec. 24.
Switch clip. E. W. Goodaire. 2,223,867; Dec. 3.
Switch connecting mechanism, Railway track. H. L. Bone. 2,205,114; June 18.
Switch construction. N. C. Schellenger. 2,210,842; Aug. 6.
Switch construction. N. C. Schellenger. 2,211,706; Aug. 13.
Switch construction, Stack. B. E. Shaw. 2,187,284; Jan. 16.
Switch contact. A. Hall. 2,186,638; Jan. 9.
Switch contact. R. B. Hunter. 2,196,832; Apr. 9.
Switch control. J. Q. Henry. 2,187,202; Jan. 16.
Switch control and indication system. H. S. Young. 2,224,420; Dec. 10.
Switch control device for fluid pumps. W. H. D. Brouse. 2,202,136; May 28.
Switch control means, Electric. A. Binns. 2,191,335; Feb. 20.
Switch control, Oil burner. D. C. Wilkerson. 2,211,221; Aug. 13.
Switch control system. C. W. Dalzell. 2,195,883–4; Apr. 2.
Switch control system. B. E. O'Hagan. 2,208,429; July 16.
Switch controlling apparatus, Railway. H. S. Young. 2,209,438; July 30.
Switch cover, Electric lamp. G. R. Goodwin. 2,213,649; Sept. 3.
Switch device, Electric. A. H. Schramm. 2,225,086; Dec. 17.
Switch for automobiles, Safety signal. L. J. Kobiella. 2,224,457; Dec. 10.
Switch for blasting, Relay. W. Jones. 2,193,692; Mar. 12.
Switch for block signal systems. J. O. Gill. 2,197,692; Apr. 16.
Switch for electric pencil sharpeners. W. L. Rhodes, Jr. 2,214,890; Sept. 17.
Switch for hand-operated electrical devices. L. Scruggs. 2,194,619; Mar. 26.
Switch for radio condensers or the like, Selector. K. W. Jarvis. 2,225,222; Dec. 17.
Switch for radio receiving sets, Time controlled. A. Obodzinski. 2,206,114; July 2.
Switch for radios, Time controlled. W. P. Smith. 2,226,783; Dec. 31.
Switch for refrigerating apparatus. C. D. Graham. 2,201,769; May 21.
Switch for refrigeration system, Control. B. E. Shaw. 2,207,521; July 9.
Switch for use in telephone or like systems, Automatic. C. E. Beale and I. T. Richards. 2,210,876; Aug. 13.
Switch for use in telephone or like systems, Automatic. R. Taylor and G. T. Baker. 2,222,126; Nov. 19.
Switch for vehicles, Automatic safety. J. F. Courtney. 2,190,934; Feb. 20.
Switch frog for the overhead conductors of electric traction systems. T. C. Broom and H. J. Powell. 2,216,290; Oct. 1.
Switch frog for the overhead conductors of electric traction systems. T. C. Broom and H. J. Powell. 2,225,766; Dec. 24.
Switchgear, Electric. A. M. Rossman. 2,190,952; Feb. 20.
Switchgear, Electric. A. M. Rossman. 2,218,554–5; Oct. 22.
Switch handle, Electric. H. J. Blakeslee; 2,186,749; Jan. 9.
Switch handle, Illuminated. J. Bash and L. Sandry. 2,214,317; Sept. 10.
Switch having high pressure safety mechanism, Control. B. E. Shaw. 2,194,127; Mar. 19.
Switch mechanism. W. I. Ballentine. 2,189,440; Feb. 6.
Switch mechanism. W. C. Furnas. 2,193,126; Mar. 12.
Switch mechanism. W. J. Lewis. 2,214,836; Sept. 17.
Switch mechanism, Automatic time controlled. W. De Frank. 2,218,950; Oct. 22.
Switch mechanism for direction signals. A. Mazer. 2,185,511; Jan. 2.
Switch mechanism for motor vehicle signals. J. Filko. 2,209,599; July 30.
Switch mechanism, Safety. J. F. Jirka, R. N. McCurdy, E. Slager, and R. D. Ernest. 2,186,640; Jan. 9.
Switch mechanism, Thermostatically operated. C. W. Bondurant. 2,221,907; Nov. 19.
Switch mechanism, Time. B. E. Lenehan. 2,217,414; Oct. 8.
Switch mechanism, Time controlled. R. B. Foster. 2,186,964; Jan. 16.
Switch, Mercury. C. H. Larson. Re. 21,661; Dec. 17.
Switch operated by leakage current, Electrical. H. J. Osborn. 2,196,362; Apr. 9.
Switch operating apparatus, Railway. W. E. Smith. 2,224,413; Dec. 10.
Switch operating apparatus, Railway track. J. W. Logan, Jr. 2,203,913; June 11.
Switch operating device. E. M. Miller. 2,191,742; Feb. 27.
Switch operating mechanism. V. W. Leonard. 2,194,311; Mar. 19.
Switch operator, Safety. E. T. Marshall. 2,194,831; Mar. 26.
Switch piston and cylinder device, Railway. O. W. Anderson. 2,191,246; Feb. 20.
Switch plate. L. M. Persons. 2,190,847; Feb. 20.
Switch plate, Illuminated wall. J. M. Reed. 2,193,740; Mar. 12.
Switch point protector. C. M. Staples. 2,197,013; Apr. 16.
Switch rating indicator. B. E. Getchell. 2,192,586; Mar. 5.

Switch receptacle, Automatic. W. J. Schneider. 2,193,297; Mar. 12.
Switch structure. J. W. Samzelius. 2,221,608; Nov. 12.
Switch structure. B. E. Shaw. 2,190,338; Feb. 13.
Switch structure. B. E. Shaw. 2,194,128; Mar. 19.
Switch structure. B. E. Shaw. 2,225,236; Dec. 17.
Switch terminal. G. O. Puerner. 2,193,008; Mar. 12.
Switch throwing mechanism, Toy railway. W. E. Haupt. Re. 21,488; June 25.
Switch with invisible switching means. E. Gerlach. 2,212,829; Aug. 27.
Switches in a railroad classification yard, System for automatically controlling the. N. C. L. Brown and W. V. Morgan. 2,194,353; Mar. 19.
Switching apparatus. W. H. Frank, L. E. Fisher, and J. A. Messing. 2,191,615; Feb. 27.
Switching apparatus. C. E. Lomax and G. T. Martin. 2,214,907; Sept. 17.
Switching apparatus. C. E. Lomax and H. Sengebusch. 2,206,325; July 2.
Switching apparatus. H. Sengebusch. 2,218,833–4; Oct. 22.
Switching arrangement. E. Eichelberg. 2,201,031; May 14.
Switching circuit. G. G. Goodling, Jr. 2,207,055; July 9.
Switching circuit. J. O. Smethurst. 2,226,952; Dec. 31.
Switching device. H. M. Bascom. 2,203,321; June 4.
Switching device. W. B. Ellwood and W. H. T. Holden. 2,187,115; Jan. 16.
Switching device. R. A. Miller and H. C. Rubly. 2,190,295; Feb. 13.
Switching device. L. Pierce. 2,208,387; July 16.
Switching device. B. Schenendorf. 2,219,337; Oct. 29.
Switching device, Electrical. F. A. Hubbard. 2,218,711; Oct. 22.
Switching device, Float operated. A. W. Shepherd. 2,211,440; Aug. 13.
Switching device for synchronizing two synchronous motors, Angle. C. C. Shutt. Re. 21,629; Nov. 19.
Switching device for use in telephone systems. C. C. Puckette and A. Warrington. 2,205,491; June 25.
Switching device for X-ray work. H. Kunz and H. Berger. 2,205,209; June 18.
Switching device, Quick. A. Ninnelt. 2,201,498; May 21.
Switching device, Selective. A. C. Dickieson. 2,194,296; Mar. 19.
Switching means. W. Mahnken. 2,217,759; Oct. 15.
Switching means for transformers. W. Reiche and W. Tesch. 2,197,771; Apr. 23.
Switching mechanism. J. T. Carlson. 2,213,621; Sept. 3.
Switching mechanism. A. L. Judson and C. G. Kronmiller. 2,188,438; Jan. 30.
Switching mechanism. S. J. Stockfleth. 2,187,577; Jan. 16.
Switching mechanism. D. G. Taylor. 2,211,735; Aug. 13.
Switching mechanism. D. G. Taylor and A. L. Judson. 2,209,721; July 30.
Switching mechanism. G. C. Van Dusen, Jr. 2,188,635; Jan. 30.
Switching scheme. H. R. Shaw. 2,217,497; Oct. 8.
Switching system. P. Verplanck. 2,211,220; Aug. 13.
Switching system. J. Wicks. 2,203,557; June 4.
Switching system, Automatic. B. D. Willis. 2,222,131; Nov. 19.
Switching system, Electrical. J. F. Mackenzie. 2,217,064; Oct. 8.
Switching system, Multiple transformer. H. E. Somes. 2,189,819; Feb. 13.
Swivel. R. W. Lyon. 2,217,803; Oct. 15.
Swivel. B. S. Minor. 2,218,473; Oct. 15.
Swivel. J. Schor and J. R. Skoverski. 2,198,092; Apr. 23.
Swivel adapter for hay carriers. E. R. and G. Follman. 2,186,783; Jan. 9.
Swivel and feed for rotary well drilling, Suspension hydraulic. G. R. Tremolada. Re. 21,677; Dec. 24.
Swivel carriage for hobbing machines, Power operated. W. F. Zimmermann. 2,211,309; Aug. 13.
Swivel chair. F. B. Harman. 2,224,543; Dec. 10.
Swivel coupling. J. R. Skoverski. 2,201,352; May 21.
Swivel device. P. Magid. 2,190,268; Feb. 13.
Swivel device. F. Perkins. 2,195,997; Apr. 2.
Swivel joint. J. E. Englesson. 2,187,147; Jan. 16.
Swivel, Rotary. D. M. Smith. 2,195,501; Apr. 2.
Swivel, Rotary. F. J. Young. 2,185,822; Jan. 2.
Swivel, Spinning line. L. H. Kennon. 2,212,344; Aug. 20.
Swivel, Swing link. S. T. Marchins. 2,193,291; Mar. 12.
Swiveling bracket. S. L. Weiss. 2,216,149; Oct. 1.
Sylvinite ores, Flotation process for. A. J. Weinig. 2,188,932; Feb. 6.
Sylvinite ores, Flotation treatment of. A. J. Weinig. 2,188,933; Feb. 6.
Symbol display device. W. S. Pearson. 2,188,518; Jan. 30.
Synchronism correction for telegraph systems. R. E. Mathes. 2,212,447; Aug. 20.
Synchronism indicating and control system. R. N. Stoddard. 2,189,596; Feb. 6.
Synchronization method. K. Schlesinger. 2,227,007; Dec. 31.
Synchronization method and means. K. Schlesinger. 2,227,028; Dec. 31.
Synchronizer. J. E. Diamond. 2,207,446; July 9.
Synchronizer for cameras, Photoflash. O. Steiner. 2,218,494; Oct. 15.
Synchronizer, Transmission. W. B. Osborne. 2,200,851; May 14.
Synchronizing and phasing device. G. Schmidt. 2,221,112; Nov. 12.
Synchronizing circuit. H. Rinia. 2,226,260; Dec. 24.
Synchronizing clutch. C. D. Peterson. 2,216,322; Oct. 1.
Synchronizing clutch. H. Sinclair. 2,224,322; Dec. 10.
Synchronizing device for synchronous motors. F. H. Gulliksen. 2,205,253; June 18.
Synchronizing equipment. H. Bany. 2,215,063; Sept. 17.
Synchronizing generator. R. L. Campbell. 2,209,507; July 30.
Synchronizing means for television and like systems. M. Bowman-Manifold, E. C. Cork, and C. O. Browne. 2,192,122; Feb. 27.
Synchronizing mechanism. C. J. Crane and G. R. Larkin. 2,220,080; Nov. 5.
Synchronizing mechanism for aircraft engines. G. Algarsson. 2,224,177; Dec. 10.
Synchronizing method. R. Möller. 2,204,427; June 11.
Synchronizing system. J. N. Whitaker. 2,227,049; Dec. 31.
Synchronizing system for airplane machine guns. J. P. Gaty and I. W. Doyle. 2,225,599; Dec. 17.
Synchronizing transmission. S. O. White and B. A. Barr. 2,221,900; Nov. 19.
Synchronous machines, Regulation of. O. Schmutz. 2,210,688; Aug. 6.
Synchronous-motor-control system. H. E. Edgerton. 2,205,246–8; June 18.
Synchronous motor, Self-starting. R. G. Arey. 2,214,850; Sept. 17.
Synchronous motor, Self-starting. A. Lauffer. 2,212,782; Aug. 27.
Synchronous selector apparatus. C. F. Wallace. 2,222,218; Nov. 19.
Synchrophasing system. A. Kalin. 2,205,264–5; June 18.
Synchroscope. J. W. Allen. 2,205,330; June 18.
Synthesizing organic compounds. V. R. Kokatnur. 2,211,855; Aug. 20.
Synthetic product. H. Berg. 2,194,350; Mar. 19.
Syringe. K. H. Booty. 2,204,654; June 18.
Syringe. A. Borlan, C. E. Hymers, and A. W. Spencer. 2,185,536; Jan. 2.
Syringe. R. E. Gross. 2,223,611; Dec. 3.
Syringe. B. Gruskin. 2,198,666; Apr. 30.
Syringe. E. Holtman. 2,224,018; Dec. 3.
Syringe, Blood transfusion. R. P. Landis. 2,213,866; Sept. 3.
Syringe, hot and cold pack appliance, Combination. C. J. Sponsel. 2,213,057; Aug. 27.
Syringe, Hypodermic. D. Reiter. 2,221,739; Nov. 12.
Syringe, medicament container therefor, and preparing same, Hypodermic. M. Nevin. 2,193,489; Mar. 12.
Syrup and making same. J. K. Dale and D. P. Langlois. 2,201,609; May 21.
System for amplifying electrical oscillations. A. Van der Ziel. 2,212,851; Aug. 27.
System for determining quantities of rainfall over large geographical areas. C. Hildabrand. 2,202,452; May 28.
System including rotary blades. R. P. Pescara. 2,226,978;
System of control. O. A. Keep and J. C. Aydelott. 2,213,089; Aug. 27.
System of metal shelves displaceable for bookcases and similar articles. A. H. Liesken. 2,213,106; Aug. 27.
T conductor. I. F. Matthysse. 2,191,258; Feb. 20.
T coupling, Swivel. P. F. Thau. 2,191,688; Feb. 27.
Tab for vacuum tubes, Getter. H. G. Anderson. 2,209,870; July 30.
Tab, License and number. W. Wishinsky. 2,195,042; Mar. 26.
Tabs to cards and the like, Method and apparatus for applying. E. S. Roscoe. 2,210,433; Aug. 6.
Table: *See*—
Assembly table.
Automobile handy table.
Baby dressing table.
Bed table.
Bending table.
Bowling alley table.
Bridge table.
Caponizing table.
Card table.
Chiropractic table.
Collapsible table.
Concentrating table.
Dinette extension table.
Dough working, conveying, and cutting table.
Drop leaf extension table.
Drop-leaf table.
Extension table.
Foldable lap table.
Foldable table.
Folding table.
Gathering table
Hot food table.
Ironer table.
Ironing table.
Legless table.
Massage table.
Massaging table.
Meat table.
Operating table.
Power sewing machine table.
Pressing table.
Reading and writing table.
Reflector set-up and register table.
Removable folding table.
Revolving steam table.
Rolling mill feed table.
Rotary table.
Sewing machine table.
Stripping, inserting, and drawing table.
Telephone table.
Tennis table.
Therapeutic table.

Table: *See*—
Two-way X-ray tilt table. Work squaring table.
Typewriter table. X-ray reversible tilt table.
Wall cabinet table.
Table. C. A. Lindemann. 2,198,480; Apr. 23.
Table. W. R. Sharp. 2,199,895; May 7.
Table. H. J. Sloan. 2,209,142; July 23.
Table and kitchen articles, Production of rolled and stamped. P. Bosbach and E. Keller. 2,186,602; Jan. 9.
Table and pack-off head, Combination rotary. F. G. Beckman. 2,199,733; May 7.
Table and seat, Folding. F. Weber. 2,217,576; Oct. 8.
Table and utility cabinet, Portable. J. H. Williams. 2,190,498; Feb. 13.
Table assembly, Rotary. L. F. Baash. 2,204,645; June 18.
Table attachment. G. J. Christenson. 2,210,972; Aug. 13.
Table attachment, Bedside. G. F. Scriven. 2,216,789; Oct. 8.
Table, bench, and the like. S. Kalisz. 2,223,618; Dec. 3.
Table drive, Selective worm gear. W. F. Zimmermann. 2,195,911; Apr. 2.
Table for automobiles. G. A. Krischke. 2,189,607; Feb. 6.
Table for infant's bath stand, Dressing. W. C. Baxter. 2,197,992; Apr. 23.
Table for ironers and the like. G. W. Wardwell, Jr. 2,198,467; Apr. 23.
Table for sewing machines and the like, Power. W. A. Adams. 2,192,170; Mar. 5.
Table lamp, Electric. D. F. Illian. 2,204,362; June 11.
Table leaf support. V. H. Soisson. 2,210,220; Aug. 6.
Table leg mounting. J. C. Ralson. 2,202,318; May 28.
Table mechanism, Feeder and catcher. R. J. Leckrone. 2,203,733; June 11.
Table or the like, Sorting. C. E. Quick. 2,219,724; Oct. 29.
Table reciprocating mechanism, Hydraulic. W. H. Wood. 2,214,394; Sept. 10.
Table service. C. W. Frank. 2,185,942; Jan. 2.
Table structure and producing the same. W. Hanley. 2,191,168; Feb. 20.
Table structure, Portable. B. J. Strasser. 2,190,222; Feb. 13.
Table top. C. Batcheller. 2,193,018; Mar. 12.
Table top. E. A. Munger. 2,192,145; Feb. 27.
Table top and the like. W. P. De Saussure, Jr. 2,194,421; Mar. 19.
Table top structure. H. B. Richardson. 2,187,893; Jan. 23.
Table with concealed extension leaf. C. P. Romeo. 2,195,682; Apr. 2.
Tables, Attachment for card. A. E. Drexel. 2,198,408; Apr. 23.
Tablet. J. R. Morrison. 2,225,881; Dec. 24.
Tablet and suppository press. J. Langerman. Re. 21,559; Sept. 10.
Tablet depositing machine. G. S. Suppiger. 2,198,137; Apr. 23.
Tablet, Exposure. J. W. Gillon. 2,226,167; Dec. 24.
Tablet making machine. R. P. Magnenat. 2,214,505; Sept. 10.
Tablet making machine. R. P. Magnenat. 2,219,048; Oct. 22.
Tablet, or pad, diary, and the like, Memoranda. F. J. McGloin. 2,223,917; Dec. 3.
Tablet, Protected-vitamin-containing. F. W. Nitardy. 2,195,596; Apr. 2.
Tablets, Packaging. F. W. Nitardy and E. C. Billheimer. 2,222,042; Nov. 19.
Tablets, Preparing. F. W. Nitardy and L. T. Andrews. 2,191,678; Feb. 27.
Tabulating machine. F. C. Blomfield and M. H. Johanson. 2,189,935; Feb. 13.
Tabulating machine. B. D. Chamberlin. 2,189,939; Feb. 13.
Tabulating machine. F. D. Elmore. 2,225,598; Dec. 17.
Tabulating machine. J. T. Ferry. 2,185,841; Jan. 2.
Tabulating machine. J. T. Ferry. 2,203,327; June 4.
Tabulating machine. W. W. Lasker. 2,185,258–9–60; Jan. 2.
Tabulating machine. G. V. A. Malmros. 2,199,544; May 7.
Tabulating machine. W. W. McDowell. 2,224,769–70; Dec. 10.
Tabulating machine. P. M. Rainey. 2,192,695; Mar. 5.
Tabulating machine. G. Tauschek. 2,224,774; Dec. 10.
Tabulator. E. H. Dreher. 2,214,015; Sept. 10.
Tabulator controlling apparatus. J. T. Cox and S. A. Zgranik. 2,214,012; Sept. 10.
Tabulator, Printing. L. P. Crosman. 2,209,512; July 30.
Tabulators, Comparing mechanism for. H. A. Weinlich. 2,220,502; Nov. 5.
Tachometer, Inertia. T. A. Rich. 2,193,646; Mar. 12.
Tack puller. E. A. Giersch. 2,186,333; Jan. 9.
Tack pulling machine. R. L. Griffin and N. Y. Moore. 2,206,253; July 2.
Tacking and stapling machine. A. L. Hansen. 2,206,460; July 2.
Tacking machine. A. L. Hansen. 2,207,377; July 9.
Tackle box. W. H. Strom. 2,208,649; July 23.
Tactual signal. S. H. Caldwell. 2,185,329; Jan. 2.
Tactual signal. S. H. Caldwell. 2,191,516; Feb. 27.
Tag. G. W. Henry, Jr. 2,222,535; Nov. 19.
Tag. J. J. Ross. 2,213,075; Aug. 27.
Tag. D. Turet. 2,197,138; Apr. 16.
Tag. M. C. Wilder and J. W. Rockefeller, Jr. 2,210,743; Aug. 6.
Tag and attaching it, Irremovable. G. G. Simon. 2,214,823; Sept. 17.
Tag dispenser, Shipping. H. A. Salzbrenner. 2,201,272; May 21.
Tag holder. C. H. Maiben. 2,211,666; Aug. 13.
Tag holder, Combined inventory and price. J. Pavlovic, Jr. 2,204,767; June 18.
Tag, Identification. W. C. Hunt. 2,209,162; July 23.
Tag, Marking. H. M. Carleton. 2,192,514; Mar. 5.
Tag, Sealed. M. Rubinoff. Re. 21,477; June 4.
Tag, Sealed. M. Rubinoff. 2,199,348; Apr. 30.
Tag, Shipping. R. E. Fleming. 2,194,697; Mar. 26.
Tag, Theftproof license. A. Lyle. 2,195,931; Apr. 2.
Tail block, Remote controlled movable. J. H. Hampton. 2,190,919; Feb. 20.
Tailboard. J. W. Rice. 2,205,823; June 25.
Tail gate hook. F. Biszantz. 2,211,195; Aug. 13.
Taillight and bumper combination. R. Reger. 2,221,721; Nov. 12.
Take-down attachment for precooling fans. A. R. Carstensen and H. W. Davis. 2,198,931; Apr. 30.
Take-off control and method. R. H. Fleet, W. B. Wheatley, and I. M. Laddon. 2,202,449; May 28.
Take-off mechanism for match machines. F. Moore. 2,201,343; May 21.
Take-out mechanism. F. L. O. Wadsworth. 2,198,068; Apr. 23.
Take-up mechanism. B. P. Girard, W. T. Barrans, and V. S. Martin. 2,196,900; Apr. 9.
Talc containing ceramic composition. D. Hagar. 2,213,495; Sept. 3.
Talking machine with repetition device. J. L. Routin. 2,192,757; Mar. 5.
Tally. W. M. Sherrill and P. A. Bryant. 2,190,126; Feb. 13.
Tally for bingo. J. Carney. 2,192,825; Mar. 5.
Tally mechanism for knitting machines. C. W. Strzalkowski. 2,206,518; July 2.
Tamper, Earth. M. S. Ross. 2,226,182; Dec. 24.
Tamper switch. P. Roeder. 2,224,551; Dec. 10.
Tamping and/or mixing machine. B. H. Flynn. 2,196,205; Apr. 9.
Tamping and/or mixing machine. B. H. Flynn. 2,219,986; Oct. 29.
Tamping bar clamp. O. Tuerck. 2,185,613; Jan. 2.
Tamping machine. K. Beierlein. 2,223,024; Nov. 26.
Tampon. V. E. Robinson. 2,188,923; Feb. 6.
Tampon. J. Stein. 2,201,412; May 21.
Tampon applicator. G. W. Petersen. 2,222,088; Nov. 19.
Tampons and other porous articles and producing same. W. Schulte. 2,202,566; May 28.
Tandem drive unit. C. Buchner. 2,195,480; Apr. 2.
Tandem trailer unit. R. W. Pointer. 2,193,567; Mar. 12.

Tank: *See*—
Beverage service tank. Pickling tank.
Butane tank. Rinse tank.
Developing tank. Separating tank.
Film developing tank. Septic tank.
Film processing tank. Storage tank.
Flush tank. **Trailer tank.**
Fuel tank. Transportable tank.
Glass melting tank. Transporting tank.
Melting tank.

Tank and floating roof. J. E. Jones. 2,193,484; Mar. 12.
Tank and freezing means, Refrigeration brine. E. E. Allyne. 2,208,285; July 16.
Tank and making, Plated storage. E. E. Eickmeyer. 2,186,285; Jan. 9.
Tank and the like for carrying inflammable spirit on aircraft, ships, vehicles and the like. A. J. Henderson, C. A. Forecast, and A. J. B. Coates. 2,214,330; Sept. 10.
Tank and water closet combination, Flush. R. E. Crane. 2,210,796; Aug. 6.
Tank arrangement for aircraft. W. Rethel, W. Laute, and E. Mühlberg. 2,191,239; Feb. 20.
Tank body, Demountable. B. F. Fitch. 2,189,787; Feb. 13.
Tank body, Demountable. B. F. Fitch. 2,189,945; Feb. 13.
Tank cap, Self-locking. S. Greenberg. 2,224,385; Dec. 10.
Tank carrier. D. Kiggins. 2,218,845; Oct. 22.
Tank cleaner. G. E. Slaugenhop. 2,195,344; Mar. 26.
Tank closure, Fuel. F. P. Frankford. 2,206,948; July 9.
Tank construction. H. O. Walker. 2,186,185; Jan. 9.
Tank construction. H. O. Walker. 2,220,186; Nov. 5.
Tank construction, Flush. C. H. Topp. 2,209,640; July 30.
Tank construction for sprayers. H. H. Chapin. 2,194,112; Mar. 19.
Tank construction for trailers and trucks. E. C. Liston. 2,211,239; Aug. 13.
Tank control, Flush. E. E. Hillegas. 2,189,345; Feb. 6.
Tank cradle. C. H. Folmsbee. 2,226,713; Dec. 31.
Tank equipment, Liquid storage. B. S. Snow. 2,198,418; Apr. 23.
Tank evaporating apparatus, Fuel. H. E. Heigis. 2,195,213; Mar. 26.

Tank filling device. C. F. Pye. 2,225,844; Dec. 24.
Tank for airplanes, Fuel. P. J. Billig. 2,195,074; Mar. 26.
Tank for concrete mixers, Water supply and measuring. C. I. Bohmer and A. E. Davis. 2,191,419; Feb. 20.
Tank for developing photographic films, Developing. S. Freeman. 2,214,581; Sept. 10.
Tank for electric conductors, Treatment. M. B. Bradt. 2,199,067; Apr. 30.
Tank gauge. N. N. Freund. 2,209,262; July 23.
Tank gauge. J. M. Olson. 2,206,329; July 2.
Tank heating unit. C. M. Osterheld. 2,226,526; Dec. 24.
Tank installation. V. I. and L. G. Hooper. 2,194,501; Mar. 26.
Tank mounting. J. Bernstein. 2,199,737; May 7.
Tank, Sedimentation. N. B. Lund. Re. 21,536; Aug. 20.
Tank support. E. L. Chappell. 2,199,481; May 7.
Tank walls, Cooling glass. A. T. Underwood. 2,199,355; Apr. 30.
Tanks, Loading. V. I. and L. G. Hooper. 2,224,963; Dec. 17.
Tanks, Making pressure. G. E. Bullock. 2,210,277; Aug. 6.
Tanks, Method of washing. W. Ostling and C. Richards. 2,208,813; July 23.
Tannin material for water softening and making same, Carbonized. C. Ellis. 2,198,380; Apr. 23.
Tanning. G. D. Graves. 2,205,882–3; June 25.
Tanning. W. Günther. 2,211,541; Aug. 13.
Tanning. J. S. Kirk. 2,205,901; June 25.
Tanning. J. S. Kirk. 2,220,867; Nov. 5.
Tanning material. A. Russell and J. W. Copenhaver. 2,191,943; Feb. 27.
Tanning material. A. Russell and J. W. Copenhaver. 2,204,512; June 11.
Tanning material. A. Voss and W. Pense. 2,218,996; Oct. 22.
Tanning substances, Manufacture of. J. Schäfer and R. Biedermann. 2,196,344; Apr. 9.
Tap. H. J. Smith. 2,227,281; Dec. 31.
Tap. G. H. Stimson. 2,202,236; May 28.
Tap. A. Tottereau. 2,192,530; Mar. 5.
Tap and die holder. J. E. Poorman. 2,206,047; July 2.
Tap chamfering machine. F. Judge. 2,209,228; July 23.
Tap clamp. T. F. Johnson. 2,196,359; Apr. 9.
Tap connector. E. M. Meyer. 2,219,846; Oct. 29.
Tap, Measuring. J. S. Weightman. 2,207,138–9; July 9.
Tap, Multiple service. W. P. Herman. 2,210,215; Aug. 6.
Tap-off connector, Insulated live line. M. Lee. 2,196,964; Apr. 9.
Tap or valve. F. O. Horstmann. 2,196,798; Apr. 9.
Tape and the like, Curtain heading. G. F. French. 2,202,627; May 28.
Tape applier. E. H. Groh and C. Sweyer. 2,223,209; Nov. 26.
Tape applying and cutting apparatus. E. A. Marsh. 2,199,005; Apr. 30.
Tape applying machine. R. A. Blomquist. 2,192,634; Mar. 5.
Tape-applying machine. W. P. Osgood. 2,211,834; Aug. 20.
Tape-applying machine, Automatic. A. Bennett. 2,203,977; June 11.
Tape, attaching. J. V. Moore. 2,195,895; Apr. 2.
Tape control device. F. J. Rouan and H. L. Prior. 2,204,972; June 18.
Tape controlling arrangement. D. F. Newman. 2,208,946; July 23.
Tape-controlling arrangement. D. F. Newman. 2,221,922; Nov. 19.
Tape cutting machine. B. C. Walter. 2,224,070; Dec. 3.
Tape dispenser. J. A. Borden. 2,221,213; Nov. 12.
Tape dispenser and cutter. F. A. Anderson. 2,203,073; June 4.
Tape dispenser unit, Multiroll. D. L. Gorbatenko. 2,226,282; Dec. 24.
Tape dispensing means. T. R. Gautier. 2,224,100; Dec. 3.
Tape, Fastener. J. F. Hartnett. 2,202,854; June 4.
Tape feeding mechanism. L. H. Morin. 2,224,980; Dec. 17.
Tape for separable fasteners. J. C. Lewis. 2,205,570; June 25.
Tape, Gummed. A. P. Krueger. 2,194,309; Mar. 19.
Tape gumming apparatus. A. Bennett. 2,190,766; Feb. 20.
Tape, Ladder. J. A. Hendley. 2,206,698; July 2.
Tape manufacture, Gummed. H. P. and J. V. Bauer and D. M. Hawley. 2,188,329; Jan. 30.
Tape, Masking. J. F. Anderson. 2,201,877; May 21.
Tape match container. H. G. Klassen. 2,217,554; Oct. 8.
Tape, Method of and machine for applying. P. H. Dixon. 2,226,808; Dec. 31.
Tape perforator. J. A. Spencer. 2,203,582; June 4.
Tape, Producing Venetian blind ladder. S. J. Taylor. 2,222,692; Nov. 26.
Tape, Sealing. H. F. Armor and P. A. Beck. 2,208,619; July 23.
Tape, Seed and fertilizer. W. H. Rowell. 2,197,594; Apr. 16.
Tape serving apparatus. T. R. Gautier. 2,192,132; Feb. 27.
Tape, Woven. J. A. Hendley. 2,201,772; May 21.
Tapes, Manufacture of stay. H. Atwater. 2,193,053; Mar. 12.
Taping device. C. A. Rasanen. 2,191,238; Feb. 20.
Taping mechanism. L. R. MacLeod. 2,201,238; May 21.
Taper attachment for lathes. F. E. Cheever. 2,227,178; Dec. 31.
Taper attachment for lathes. H. C. Pierle and W. F. Groene. 2,198,090; Apr. 23.
Taper gauge, Outer. C. H. and R. C. Allen. 2,210,561; Aug. 6.
Taper holding means for computing machines. W. A. Anderson. 2,214,097; Sept. 10.
Taper pin. R. W. Johnson. 2,223,871; Dec. 3.
Taper square, Combination. J. I. Hastings. 2,190,404; Feb. 13.
Taper turning apparatus. W. F. Groene and H. C. Kemper. 2,211,723; Aug. 13.
Tappet adjusting tool. A. Gagne. 2,194,069; Mar. 19.
Tappet construction. C. and H. E. Voorhies. 2,185,991; Jan. 2.
Tappet construction. C. and H. E. Voorhies. 2,227,288; Dec. 31.
Tappet, Hydraulic. C. E. Johnson and P. F. Bergmann. 2,220,336; Nov. 5.
Tappet-lock for cone boxes in a cone-baking machine. G. G. Buttermann. 2,200,056; May 7.
Tappet tool. J. Lizakowski. 2,196,929; Apr. 9.
Tar and the production thereof, Modified coal. J. E. Lynn. 2,188,478; Jan. 30.
Tar emulsions, Prevention of formation of stable. C. A. Lunn and A. R. Belyea. 2,224,228; Dec. 10.
Tar extractor. C. G. Hawley. 2,216,390; Oct. 1.
Tar or pitch, Distillation of. O. Reynard. 2,203,645; June 4.
Tar, shale tar, peat tar, and the like, Refining of lignite. F. Schick. 2,188,015; Jan. 23.
Target. H. A. Daum. 2,185,628; Jan. 2.
Target. H. Levine and A. Johnson. 2,210,149; Aug. 6.
Target, Aerial towed. E. L. Hoffman. 2,216,776; Oct. 8.
Target and projectile receiver. H. L. Freeman. 2,201,527; May 21.
Target apparatus. A. D. Hamilton. 2,199,701; May 7.
Target, Chromatic test. R. J. Beitel, Jr. 2,190,008; Feb. 13.
Target machine with reversing target, Electric. J. R. Hall and W. P. Falkenberg. 2,188,292; Jan. 23.
Target painting device. C. R. Shultz. 2,200,457; May 14.
Target, Projectable. F. J. Routledge. 2,211,244; Aug. 13.
Target range. E. L. Dreyer. 2,215,917; Sept. 24.
Target trap. G. H. Betts. 2,193,266; Mar. 12.
Targets, Determining the shooting elements of moving. I. Juhász. 2,202,453; May 28.
Taximeter-flag control. I. Bein. 2,195,807; Apr. 2.
Tea bag. O. Jablon. 2,199,406; May 7.
Tea package. S. Haut. Re. 21,338; Jan. 30.
Teapot. S. E. Hevers. 2,187,029; Jan. 16.
Teapot. J. R. Millen. 2,214,623; Sept. 10.
Tedder for spreading cut grass and the like. M. Neidhart. 2,201,317–8; May 21.
Teeing device, Ball. W. V. Middleton. 2,216,853; Oct. 8.
Teeter-totter, Collapsible. E. V. Olson. 2,198,947; Apr. 30.
Telautograph, Cathode ray. E. Handrick. 2,227,083; Dec. 31.
Telautograph system. F. E. d'Humy and L. W. Franklin. 2,186,897; Jan. 9.
Telecine system. W. Bünger and E. Kosche. 2,218,498; Oct. 15.
Telefacsimile method and apparatus. A. C. Rustad. 2,209,719; July 30.
Telefacsimile scanner. A. C. Rustad. 2,209,720; July 30.
Telefacsimile transmission system. A. G. Cooley. 2,217,157; Oct. 8.
Telegraph and like apparatus, Type printing. A. E. Thompson and R. D. Salmon. 2,207,235; July 9.
Telegraph apparatus, Picture. H. Steiner. 2,204,238; June 11.
Telegraph apparatus, Printing. C. W. Burcky. 2,220,364; Nov. 5.
Telegraph apparatus, Printing. L. Devaux. 2,226,698; Dec. 31.
Telegraph apparatus, Printing. E. W. F. Hanke. 2,203,300; June 4.
Telegraph apparatus, Printing. P. A. Noxon and J. I. Mitchell. 2,205,430; June 25.
Telegraph apparatus, Printing. R. D. Salmon. 2,189,927; Feb. 13.
Telegraph apparatus, Printing. A. E. Thompson and R. D. Salmon. 2,215,801; Sept. 24.
Telegraph call selector and monitoring apparatus. E. F. Norrito. 2,201,561; May 21.
Telegraph distortion measuring system. F. A. Cowan and H. A. Rhodes. 2,221,129; Nov. 12.
Telegraph exchange system. W. B. Blanton. 2,193,812; Mar. 19.
Telegraph exchange system. E. R. Wheeler, R. Hoover, and R. F. Dirkes. 2,193,810; Mar. 19.
Telegraph installation. M. Hebel and K. Gundlfinger. 2,224,078; Dec. 3.
Telegraph keyboard mechanism. P. A. Noxon and G. F. Miller. 2,212,548; Aug. 27.
Telegraph keying device. R. D. Hutchens. 2,224,299; Dec. 10.

Telegraph message classification system. L. M. Potts. 2,225,657; Dec. 24.
Telegraph, Printing. A. E. Thompson and R. D. Salmon. 2,210,641; Aug. 6.
Telegraph private branch exchange system, Printing. F. J. Singer. 2,198,517; Apr. 23.
Telegraph receiver, Printing. E. E. Kleinschmidt. 2,192,353–4; Mar. 5.
Telegraph receiving apparatus, Start-stop. R. G. Griffith and K. L. Wood. 2,217,864; Oct. 15.
Telegraph relay. R. E. H. Carpenter. 2,219,222; Oct. 22.
Telegraph repeater. G. S. Vernam. 2,186,741; Jan. 9.
Telegraph sending machine. J. A. La Hiff. 2,187,351; Jan. 16.
Telegraph storage system. F. E. d'Humy and L. W. Franklin. 2,186,898; Jan. 9.
Telegraph switching system. M. E. Griffins. 2,211,927; Aug. 20.
Telegraph switching system. W. J. Zenner. 2,203,289; June 4.
Telegraph system. W. W. Cramer and F. S. Kinkead. 2,206,663; July 2.
Telegraph system. F. E. d'Humy and L. W. Franklin. 2,186,895–6; Jan. 9.
Telegraph system. F. E. d'Humy and L. W. Franklin. 2,186,899; Jan. 9.
Telegraph system. G. J. Harms. 2,221,136; Nov. 12.
Telegraph system. F. S. Kinkead. 2,187,158; Jan. 16.
Telegraph system. J. A. Krecek. 2,220,931; Nov. 12.
Telegraph system. H. Nyquist. 2,206,423; July 2.
Telegraph system. V. P. Thorp. 2,194,918; Mar. 26.
Telegraph system and apparatus. P. L. Myer and E. R. Wheeler. 2,187,360; Jan. 16.
Telegraph system, Facsimilie. F. E. d'Humy and L. W. Franklin. 2,209,326; July 30.
Telegraph system, Frequency doubling. M. A. Rudd and K. B. Eller. 2,220,344; Apr. 14.
Telegraph system, Multichannel. P. Holcomb, Jr. 2,205,406; June 25.
Telegraph system, Printing. W. B. Blanton. 2,227,121; Dec. 31.
Telegraph system, Printing. J. M. Desmond. 2,190,540; Feb. 13.
Telegraph system, Printing. C. R. Doty. 2,195,852; Apr. 2.
Telegraph system, Selective. L. C. Roberts. Re. 21,681; Dec. 31.
Telegraph system, Wireless. A. M. Humby, J. A. Smale, and E. G. Copper. 2,211,750; Aug. 20.
Telegraph system with repetition of the signals. A. Bakker and H. C. A. van Duuren. 2,203,609; June 4.
Telegraph testing apparatus. A. Weaver. 2,206,453; July 2.
Telegraph testing system. S. I. Cory. 2,206,452; July 2.
Telegraph transmitter. H. L. Krum and A. H. Reiber. 2,213,223; Sept. 3.
Telegraph transmitter. L. M. Potts. 2,219,904; Oct. 29.
Telegraph transmitter. A. H. Reiber. 2,213,476–6; Sept. 3.
Telegraph transmitting key. A. R. Bonorden. 2,209,506; July 30.
Telegraph transmitting system. G. C. Cummings. 2,224,183; Dec. 10.
Telegraph transmitting system. L. W. Franklin. 2,216,772; Oct. 8.
Telegraphic line circuit. F. J. Singer. 2,211,176; Aug. 13.
Telegraphic transmission and automatic printing of meter readings. E. S. Larson and C. A. Levin. 2,207,743; July 16.
Telegraphic transmitting device. E. E. Kleinschmidt. 2,194,663; Mar. 26.
Telegraphone. C. N. Hickman. 2,185,300; Jan. 2.
Telegraphone, Magnetic. F. G. Buhrendorf. 2,202,139; May 28.
Telemeter. A. W. Tronnier. 2,210,191; Aug. 6.
Telemetering system. H. T. Faus. 2,197,636; Apr. 16.
Telemetering system. G. A. Stone and F. J. Frisby. 2,192,656; Mar. 5.
Telemetering system. W. Ziegenbein. 2,225,363; Dec. 17.
Telemetric controller. G. T. Huxford. 2,207,921; July 16.
Telemetric controller. E. S. Smith, Jr. 2,207,949; July 16.
Telemetric system. W. W. Frymoyer. 2,188,100; Jan. 23.
Telemetric system. G. B. Hoadley. 2,196,809; Apr. 9.
Telemetric system. J. D. Ryder. 2,211,711; Aug. 13.
Telemetric system. J. D. Ryder. 2,215,254; Sept. 17.
Telemetric system. J. E. White. 2,207,769; July 16.
Telemetric system for remote indication. C. J. Doyle. 2,216,069; Sept. 24.
Telephone. F. R. Stafford. 2,227,162; Dec. 31.
Telephone. A. G. Zimmerman. 2,226,959; Dec. 31.
Telephone amplification. H. Karl. 2,193,874; Mar. 19.
Telephone and communicating key box, Combined. S. A. Beyland. 2,199,686; May 7.
Telephone answering system. P. H. Rowe. 2,221,883; Nov. 19.
Telephone apparatus, Coin actuated. H. F. Zimmermann. 2,206,147; July 2.
Telephone attachment, Automatic dialing. H. Aaron and J. Hammerstrom. 2,202,366; May 28.
Telephone call distributing system. W. T. Powell. 2,187,174; Jan. 16.
Telephone call transmitter. J. C. Field. 2,189,944; Feb. 13.
Telephone call transmitter. J. C. Field. 2,206,224; July 2.
Telephone calling dial. T. S. Huxham. 2,194,306; Mar. 19.
Telephone circuit. A. F. Jones. 2,190,155; Feb. 13.
Telephone circuit. W. Koenig, Jr. 2,202,386; May 28.
Telephone cord and connector, Multiconductor. E. S. McLarn. 2,226,733; Dec. 31.
Telephone coupling device. A. G. Cooley. 2,214,690; Sept. 10.
Telephone, Desk. A. C. Reid. 2,186,078; Jan. 9.
Telephone dial illumination. C. J. Caroselli and A. V. Sanders. 2,222,476; Nov. 19.
Telephone dialer, Automatic. T. W. MacKenzie. 2,195,519; Apr. 2.
Telephone exchange, Manual. W. Klenk and E. Behm. 2,226,725; Dec. 31.
Telephone, Handset. A. C. Reid. 2,220,279; Nov. 5.
Telephone hand-set with combined transmitter and dial. E. S. McLarn. 2,191,993; Feb. 27.
Telephone installation. M. Hebel. 2,223,803; Dec. 3.
Telephone installation. M. Hebel. 2,225,386; Dec. 17.
Telephone line. C. F. Nelson. 2,216,650; Oct. 1.
Telephone lock. D. Engelson. 2,194,521; Mar. 26.
Telephone metering system. F. Lill and W. Pinell. 2,200,796; May 14.
Telephone, Pay-station. W. Seidel. 2,224,702; Dec. 10.
Telephone protector. H. Mayer. 2,212,349; Aug. 20.
Telephone receiver. M. S. Hawley. 2,202,906; June 4.
Telephone recording system. L. A. Michelini. 2,220,940; Nov. 12.
Telephone repeater control circuit. H. W. Augustadt. 2,223,200; Nov. 26.
Telephone ringer. D. G. Blattner. 2,209,382; July 30.
Telephone set. S. T. Curran and J. J. Kuhn. 2,218,328; Oct. 15.
Telephone set. A. Murdoch, Jr. 2,193,536; Mar. 12.
Telephone set. A. Tradup. 2,212,216; Aug. 20.
Telephone set, Desk. H. Sengebusch. 2,200,810; May 14.
Telephone set for communication in airplanes. K. Wenzky. 2,191,055; Feb. 20.
Telephone signaling system. I. W. Cox. 2,197,966; Apr. 23.
Telephone signaling system. W. H. T. Holden. 2,199,431; May 7.
Telephone signaling system. D. F. Johnston and J. B. Shiel. 2,189,769; Feb. 13.
Telephone subset. E. S. McLarn. 2,226,734; Dec. 31.
Telephone substation. J. H. Voss. 2,214,212; Sept. 10.
Telephone substation apparatus. A. F. Bennett. 2,190,466; Feb. 13.
Telephone substation apparatus. F. Hamburger. 2,190,467; Feb. 13.
Telephone substation apparatus. R. H. Herrick and T. W. Gilman. 2,187,901; Jan. 23.
Telephone substation apparatus. H. C. Pye. 2,214,258–9; Sept. 10.
Telephone substation apparatus. A. C. Walker. 2,197,844; Apr. 23.
Telephone switch. K. Müller. 2,194,051; Mar. 19.
Telephone system. L. H. Allen. 2,206,385; July 2.
Telephone system. G. T. Baker. 2,210,873; Aug. 13.
Telephone system. P. Bakker. 2,199,534; May 7.
Telephone system. K. Baloun. 2,186,315; Jan. 9.
Telephone system. C. E. Beale. 2,218,571; Oct. 22.
Telephone system. C. E. Beale and I. T. Richards. 2,186,317; Jan. 9.
Telephone system. C. E. Beale, I. T. Richards, and O. A. Pearce. 2,207,530; July 9.
Telephone system. W. M. Beaumont. 2,185,287; Jan. 2.
Telephone system. W. Bennett. 2,213,511; Sept. 3.
Telephone system. A. J. Busch. 2,192,025; Feb. 27.
Telephone system. A. J. Busch and E. L. Erwin. 2,224,251; Dec. 10.
Telephone system. W. W. Carpenter and L. E. Kittredge. 2,201,573; May 21.
Telephone system. H. C. Caverly. 2,214,809; Sept. 17.
Telephone system. R. E. Collis. 2,201,986; May 28.
Telephone system. R. E. Collis, R. E. Hersey, and J. B. Newsom. 2,196,250; Apr. 9.
Telephone system. J. E. Collyer. 2,192,223; Mar. 5.
Telephone system. M. Creti. 2,192,540; Mar. 5.
Telephone system. T. F. Crocker. 2,200,593; May 14.
Telephone system. J. Davidson, Jr. 2,206,544; July 2.
Telephone system. J. Davidson, Jr. 2,208,924; July 23.
Telephone system. J. Davidson, Jr. 2,209,513; July 30.
Telephone system. T. L. Dimond. 2,210,068; Aug. 6.
Telephone system. H. G. Evers. 2,214,245; Sept. 10.
Telephone system. I. Geitgey. 2,203,725; June 11.
Telephone system. C. W. Halligan. 2,186,242; Jan. 9.
Telephone system. B. A. Hensler. 2,211,116; Aug. 13.
Telephone system. R. H. Herrick. 2,187,902–3; Jan. 23.
Telephone system. R. H. Herrick. 2,224,477; Dec. 10.
Telephone system. R. E. Hersey. 2,187,784; Jan. 23.
Telephone system. W. H. T. Holden. 2,195,309; Mar. 26.
Telephone system. H. Hovland. 2,216,532; Oct. 1.
Telephone system. H. Hovland. 2,225,478; Dec. 17.
Telephone system. F. A. Hubbard. 2,204,759; June 18.

Telephone system. E. Jauch. 2,209,022; July 23.
Telephone system. F. Kessler. 2,224,517; Dec. 10.
Telephone system. G. V. King and P. W. Swenson. 2,225,305; Dec. 17.
Telephone system. R. E. King and O. R. Miller. 2,208,765; July 23.
Telephone system. R. E. King and O. R. Miller. 2,209,777; July 30.
Telephone system. B. F. Lewis. 2,191,913; Feb. 27.
Telephone system. F. Lill. 2,198,010; Apr. 23.
Telephone system. C. E. Lomax. 2,187,943–5; Jan. 23.
Telephone system. C. E. Lomax. 2,193,973; Mar. 19.
Telephone system. C. E. Lomax. 2,199,543; May 7.
Telephone system. C. E. Lomax. 2,226,730–1; Dec. 31.
Telephone system. C. E. Lomax and P. Bakker. 2,214,908; Sept. 17.
Telephone system. A. A. Lundstrom and E. L. Norton. 2,201,296; May 21.
Telephone system. H. P. Mahoney and C. E. Lomax. 2,218,850–1; Oct. 22.
Telephone system. W. A. Marrison. 2,193,427; Mar. 12.
Telephone system. W. A. Marrison. 2,211,020; Aug. 13.
Telephone system. W. H. Martin. 2,195,317; Mar. 26.
Telephone system. J. W. McClew and O. A. Pearce. 2,207,633; July 9.
Telephone system. F. Morton. 2,222,114; Nov. 19.
Telephone system. O. A. Pearce. 2,224,692; Dec. 10.
Telephone system. E. S. Peterson. 2,187,951; Jan. 23.
Telephone system. E. S. Peterson. 2,214,203; Sept. 10.
Telephone system. E. S. Peterson. 2,214,256; Sept. 10.
Telephone system. R. Pfannschmidt. 2,207,519; July 9.
Telephone system. F. Pfleiderer and B. Seiffert. 2,221,652; Nov. 12.
Telephone system. R. Raymond. 2,224,696; Dec. 10.
Telephone system. G. C. Reier. 2,189,994; Feb. 13.
Telephone system. W. A. Rhodes. 2,206,538; July 2.
Telephone system. D. B. Robison. 2,185,521; Jan. 2.
Telephone system. P. N. Roseby. 2,224,698; Dec. 10.
Telephone system. T. N. Saaty. 2,213,933; Sept. 3.
Telephone system. W. Saville and A. H. Williams. 2,224,701; Dec. 10.
Telephone system. H. Sengebusch. 2,209,615; July 30.
Telephone system. A. M. Skellett. 2,204,055; June 11.
Telephone system. R. F. Stehlik. 2,211,443; Aug. 13.
Telephone system. R. Taylor, G. T. Baker, and C. Gillings. 2,190,140; Feb. 13.
Telephone system. J. F. Toomey. 2,186,219; Jan. 9.
Telephone system. H. Töpfer. 2,203,755–6; June 11.
Telephone system. H-E. von König. 2,217,084; Oct. 8.
Telephone system. J. H. Voss. 2,200,856; May 14.
Telephone system. J. H. Voss. 2,214,213; Sept. 10.
Telephone system. J. H. Voss. 2,214,914; Sept. 17.
Telephone system. E. Vroom. 2,202,474; May 28.
Telephone system. B. A. Wallace. 2,187,186; Jan. 16.
Telephone system. S. B. Williams. 2,205,551; June 25.
Telephone system. B. D. Willis. 2,216,528; Oct. 1.
Telephone system. E. Wochinger. 2,188,467; Jan. 30.
Telephone system. E. Wochinger. 2,203,935; June 11.
Telephone system. E. Wochinger. 2,221,660; Nov. 12.
Telephone system. E. Wochinger. 2,222,132; Nov. 19.
Telephone system. K. Wolak. 2,200,814; May 14.
Telephone system. C. O. Wright. 2,224,497; Dec. 10.
Telephone system. H. Wüstenberg. 2,187,508; Jan. 16.
Telephone system. G. Zapf. 2,222,099; Nov. 19.
Telephone system, Automatic. P. Bakker. 2,200,817; May 14.
Telephone system, Automatic. H. P. Boswau. 2,200,820; May 14.
Telephone system, Automatic. E. W. Hullegård. 2,212,177; Aug. 20.
Telephone system, Automatic. M. Langer and E. Horn. 2,222,108; Nov. 19.
Telephone system, Automatic. M. Langer and G. Zapf. 2,187,499; Jan. 16.
Telephone system, Automatic. C. E. Lomax and P. Bakker. 2,189,400; Feb. 6.
Telephone system, Automatic. N. E. Nilsson. 2,220,423; Nov. 5.
Telephone system, Automatic. R. Pfannschmidt. 2,211,159; Aug. 13.
Telephone system, Automatic. E. Wochinger. 2,187,478; Jan. 16.
Telephone system, Dial switching. W. Hatton, L. B. Haigh, and L. Kozma. 2,201,651; May 21.
Telephone system. Loudspeaking. N. F. Hoard. 2,205,142; June 18.
Telephone system, Measured service. H. P. Boswau. 2,217,041; Oct. 8.
Telephone system, Measured service. E. Feist and R. Nebelung. 2,188,535; Jan. 30.
Telephone system, Measured service. H. Töpfer. 2,218,630; Oct. 22.
Telephone system, Party line. K. Schiffman and E. Walter. 2,221,655; Nov. 12.
Telephone system, Party line. E. Wochinger. 2,188,520; Jan. 30.
Telephone table. E. C. Sechrest. 2,222,158; Nov. 19.
Telephone testing circuit. J. W. Dehn. 2,225,688; Dec. 24.
Telephone transmitter. E. S. McLarn. 2,191,992; Feb. 27.
Telephone, Two-way loud-speaking. P. Baker. 2,226,891; Dec. 31.
Telephonic unit. G. B. Ellis. 2,215,782; Sept. 24.
Telephony system, Modulated carrier wave. P. P. Eckersley. 2,190,706; Feb. 20.
Telephotography. D. Mitchell. 2,218,211; Oct. 15.
Teleprinter receiving apparatus. R. D. Salmon. 2,214,938; Sept. 17.
Telescope. O. von Gruber and W. Schneider. 2,219,275; Oct. 22.
Telescope eyepiece. A. König. 2,206,195; July 2.
Telescope eyepiece. A. König. 2,217,281; Oct. 8.
Telescope reticule adjustment. J. Unertl. 2,189,766; Feb. 13.
Telescopè, Rifle-sighting. F. L. G. Kollmorgen. 2,207,124; June 9.
Telescope sight. O. C. Gibbs. 2,224,783; Dec. 10.
Telescope sight for rifle firearms. C. W. Dake. 2,225,037; Dec. 17.
Telescope sight mounting. J. C. Gray. 2,202,000; May 28.
Telescope sight mounting. M. L. Stith. 2,193,302; Mar. 12.
Telescopic amusement device. F. X. Marx. 2,222,084; Nov. 19.
Telescopic instrument for the examination of body cavities. R. Wolf. 2,212,484; Aug. 20.
Teletypewriter apparatus. W. G. Skibsted. 2,208,168; July 16.
Teletypewriter system. W. B. Martin. 2,208,192; July 16.
Television amplifier. K. Schlesinger. 2,226,955; Dec. 31.
Television amplifier. K. Schlesinger. 2,227,014; Dec. 31.
Television and like receiver. T. C. Nuttall. 2,200,009; May 7.
Television and like system. G. Dovaston and G. E. G. Graham. 2,188,679; Jan. 30.
Television and like system. F. von Okolicsanyi. 2,202,541; May 28.
Television and like system. E. L. C. White. 2,210,995; Aug. 13.
Television and like system. P. W. Willans, W. S. Percival, E. L. C. White, and C. P. Osborne. 2,194,514; Mar. 26.
Television and like systems. E. C. Cork, M. Bowman-Manifold, and C. L. Faudell. 2,227,066; Dec. 31.
Television and like transmitting system. E. L. C. White. 2,186,742; Jan. 9.
Television and like transmitting system. E. L. C. White. 2,212,967; Aug. 27.
Television and other signal transmission systems. G. Guanella. 2,225,741; Dec. 24.
Television apparatus. R. C. Ballard. 2,215,285; Sept. 17.
Television apparatus. G. L. Beers. 2,223,983; Dec. 3.
Television apparatus. V. W. Busch. 2,224,287; Dec. 10.
Television apparatus. H. R. Lubcke. 2,185,640; Jan. 2.
Television apparatus. W. J. Poch. 2,219,579; Oct. 29.
Television apparatus. K. Schlesinger. 2,194,572; Mar. 26.
Television apparatus. K. Schlesinger. 2,224,113; Dec. 3.
Television apparatus. E. Schwartz and E. Ruska. 2,191,590; Feb. 27.
Television apparatus. W. A. Tolson. 2,207,839; July 16.
Television apparatus. A. Zillger. 2,209,439; July 30.
Television apparatus, High definition. R. Harding, Jr. 2,192,376; Mar. 5.
Television automatic amplification control system. J. C. Wilson. 2,214,846; Sept. 17.
Television, Color. O. von Bronk. 2,191,515; Feb. 27.
Television communication, Method and system for. A. B. Du Mont. 2,186,634; Jan. 9.
Television communications, Method and system for. T. T. Goldsmith, Jr. 2,201,309; May 21.
Television control. A. N. Goldsmith. 2,193,869; Mar. 19.
Television-facsimile system. P. C. Goldmark. 2,211,926; Aug. 20.
Television image producing system. W. A. Knoop. 2,196,867; Apr. 9.
Television images, Arrangement for receiving. F. Schröter, M. Knoll, W. Klüge, and H. Etzold. 2,220,688; Nov. 5.
Television images, Propagation of. K. Schlesinger. 2,226,998; Dec. 31.
Television in natural color. R. Lorenzen. 2,200,285; May 14.
Television method and means. J. McCarty. 2,195,676; Apr. 2.
Television modulation system and apparatus. W. Soller. 2,192,942; Mar. 12.
Television picture reproducing apparatus. R. J. Kemp. 2,200,749; May 14.
Television plant. H. E. M. Vestergren. 2,215,365; Sept. 17.
Television receiver. A. V. Bedford. 2,207,775; July 16.
Television receiver. M. Flaherty and R. S. Holmes. 2,107,510; July 9.
Television receiver. G. L. Grundmann. 2,223,822; Dec. 3.
Television receiver. R. S. Holmes. 2,204,992; June 18.
Television receiver. A. Karolus. 2,189,315; Feb. 6.
Television receiver. A. A. Linsell. 2,202,300; May 28.
Television receiver. A. A. Linsell. 2,226,229; Dec. 24.
Television receiver. M. Messner. 2,189,916; Feb. 13.
Television receiver. G. Mountjoy. 2,221,104; Nov. 12.
Television receiver. K. Schlesinger. 2,226,993; Dec. 31.

Television receiver. K. Schlesinger. 2,226,996; Dec. 31.
Television receiver. K. Schlesinger. 2,226,999; Dec. 31.
Television receiver. A. Zillger. 2,210,745; Aug. 6.
Television receiver, Screen. P. M. G. Toulon. 2,201,066; May 14.
Television receivers, Fading regulation in. K. Schlesinger. 2,197,900; Apr. 23.
Television receivers, Regulation of. K. Schlesinger. 2,227,001; Dec. 31.
Television receiving connection system. K. Schlesinger. 2,196,364; Apr. 9.
Television receiving rectifier. K. Schlesinger. 2,194,571; Mar. 26.
Television receiving system. A. Bouwers. 2,193,857; Mar. 19.
Television receiving system. H. M. Lewis. 2,208,374; July 16.
Television reproducer. J. C. Batchelor. 2,186,570; Jan. 9.
Television reproducer apparatus. L. M. Myers. 2,219,872; Oct. 29.
Television reproducing method. K. Schlesinger. 2,227,004; Dec. 31.
Television scanning apparatus. R. Urtel. 2,210,992; Aug. 13.
Television scanning device. A. N. Goldsmith. 2,227,080; Dec. 31.
Television scanning means. K. Schlesinger. 2,227,010–11; Dec. 31.
Television scanning system. D. E. Harnett. 2,203,528; June 4.
Television scanning system. H. M. Lewis. 2,198,969; Apr. 30.
Television, Stereoscopic. P. Eisler. 2,209,747; July 30.
Television synchronization, System of. H. R. Lubcke. 2,201,295; May 21.
Television synchronizing impulse separator circuit. D. J. Fewings. 2,215,175; Sept. 17.
Television system. A. V. Bedford. 2,223,812; Dec. 3.
Television system. A. D. Blumlein. 2,210,523; Aug. 6.
Television system. M. Bowman-Manifold. 2,210,702; Aug. 6.
Television system. M. Cawein. 2,203,520; June 4.
Television system. G. E. Condliffe. 2,225,033; Dec. 17.
Television system. C. L. Faudell. 2,212,933; Aug. 27.
Television system. C. L. Faudell, R. E. Spencer, and I. J. P. James. 2,218,067; Oct. 15.
Television system. R. H. George. 2,194,278; Mar. 19.
Television system. P. F. M. Gloess. 2,186,542; Jan. 9.
Television system. A. N. Goldsmith. 2,219,149; Oct. 22.
Television system. A. N. Goldsmith. 2,221,091; Nov. 12.
Television system. A. A. Linsell. 2,200,753; May 14.
Television system. H. G. Lubszynski. 2,225,063; Dec. 17.
Television system. I. L. Maguire. 2,211,066; Aug. 13.
Television system. C. L. Richards. 2,203,634; June 4.
Television system. F. Schröter. 2,202,605; May 28.
Television system. S. W. Seeley. 2,220,977; Nov. 12.
Television system. R. E. Shelby. 2,222,957; Nov. 26.
Television system. W. Soller. 2,189,843; Feb. 13.
Television system. A. C. Stocker. 2,202,171; May 28.
Television system. R. Urtel. 2,195,103; Mar. 26.
Television system. R. Urtel. 2,200,048; May 7.
Television system. R. Urtel. 2,227,045; Dec. 31.
Television system. L. E. Q. Walker. 2,203,758; June 11.
Television system. E. L. C. White. 2,209,436; July 30.
Television system. A. Zillger. 2,213,061; Aug. 27.
Television system. V. K. Zworykin. 2,206,654; July 2.
Television system and operation thereof. A. V. Bedford. 2,192,121; Feb. 27.
Television system, Magnetic decomposing and reassembling. H. J. Murray. 2,194,094; Mar. 19.
Television system, Multiplex. R. W. Bumstead. 2,207,716; July 16.
Television system, Two-way. A. M. Nicolson. 2,197,005; Apr. 16.
Television systems, Distortion correction for. H. A. Iams. 2,197,863; Apr. 23.
Television transmission. F. Schröter. 2,189,351; Feb. 6.
Television transmission. H.-H. Wolff. 2,201,069; May 14.
Television transmission. H.-H. Wolff and G. Liebmann. 2,227,413; Dec. 31.
Television transmission apparatus. R. Urtel. 2,202,613; May 28.
Television transmission arrangement. K. Schlesinger. 2,227,401; Dec. 31.
Television transmission device. H.-H. Wolff. 2,227,414; Dec. 31.
Television transmission, Intermediate modulation in. J. Schunack. 2,206,130; July 2.
Television transmission method. K. Schlesinger. 2,186,931; Jan. 9.
Television transmission method. K. Schlesinger. 2,227,002; Dec. 31.
Television transmission, Method and system for. S. L. Clothier and H. C. Hogencamp. 2,201,554; May 21.
Television transmitter. K. Schlesinger. 2,199,272; Apr. 30.
Television transmitter. K. Schlesinger. 2,226,997; Dec. 31.
Television transmitter. K. Schlesinger. 2,227,000; Dec. 31.
Television transmitter, Electronic. R. Barthelemy. 2,199,608; May 7.
Television transmitter, Short wave. K. Schlesinger. 2,199,273; Apr. 30.
Television transmitter tube. H. Knoblauch and W. Kluge. 2,220,964; Nov. 12.
Television transmitting and receiving system. A. D. Blumlein. 2,222,934; Nov. 26.
Television transmitting device. H. A. Iams. 2,213,179; Aug. 27.
Television transmitting or receiving system. E. L. C. White and O. L. Ratsey. 2,227,050; Dec. 31.
Television transmitting system. R. L. Campbell. 2,207,048; July 9.
Television transmitting system. J. D. McGee, H. G. Lubszynski, and F. Blythen. 2,215,186; Sept. 17.
Television transmitting tube. W. H. Hickok. 2,204,250; June 11.
Television transmitting tube. H. A. Iams. 2,195,489; Apr. 2.
Television transmitting tube. H. A. Iams. 2,213,177; Aug. 27.
Television transmitting tube. H. A. Iams. 2,213,548; Sept. 3.
Television transmitting tube. A. Rose. 2,213,173–4; Aug. 27.
Television transmitting tube. A. Rose. 2,213,176; Aug. 27.
Television transmitting tube and system. H. A. Iams. 2,213,178; Aug. 27.
Television transmitting tube and system. H. A. Iams and A. Rose. 2,213,175; Aug. 27.
Television tube. K. Schlesinger. 2,191,415; Feb. 20.
Television tube. K. Schlesinger. 2,197,899; Apr. 23.
Television tube. K. Schlesinger. 2,226,991; Dec. 31.
Telewriter, Arrhythmic. J. Estoup. 2,216,643; Oct. 1.
Telltale. H. A. Douglas. 2,207,507; July 9.
Telltale. J. C. Fitzgerald. 2,210,807; Aug. 6.
Telltale device, Fare box. E. M. Macdonald. 2,190,212; Feb. 13.
Telltale device for an electrical coincidental door locking system. J. W. Lakin. 2,186,546; Jan. 9.
Temperature-actuated mechanism. D. R. Lambert. 2,190,545; Feb. 13.
Temperature and humidity control. C. A. Otto. 2,225,841; Dec. 24.
Temperature-compensated electrical device. H. T. Faus. 2,213,085; Aug. 27.
Temperature compensating device. G. V. Anderson. 2,206,523; July 2.
Temperature compensating liquid meter. P. Renfrew. 2,208,687; July 23.
Temperature compensation for gyroscopes. L. F. Carter and B. A. Wittkuhns. 2,199,024; Apr. 30.
Temperature compensation for voltage regulators. D. W. Exner. 2,217,473; Oct. 8.
Temperature compensation of thermal devices. D. Bruce. 2,225,975; Dec. 24.
Temperature control apparatus. R. A. Gale. 2,199,071; Apr. 30.
Temperature control apparatus. A. Winther, M. P. Winther, and M. Kindt. 2,193,185; Mar. 12.
Temperature control, Automatic. H. R. Crago. 2,202,731; May 28.
Temperature control device for internal combustion engines. W. F. F. Martin-Hurst and J. A. H. Sargeaunt. 2,202,705; May 28.
Temperature control, Effective. G. M. Brown. 2,220,061; Nov. 5.
Temperature control, Effective. A. B. Newton. 2,222,628; Nov. 26.
Temperature control for electric cooking device. A. T. Smith. 2,190,276; Feb. 13.
Temperature control for electric stoves. P. H. Brown and R. M. Carson. 2,194,587; Mar. 26.
Temperature control for electrical appliances. M. K. Parkhurst. 2,224,983; Dec. 17.
Temperature control for tubular gas heaters. C. Keller. 2,224,544; Dec. 10.
Temperature control, Furnace. H. Davis. 2,209,075; July 23.
Temperature control means. L. A. Fry. 2,190,232; Feb. 13.
Temperature control means for gear cutting. H. H. Bates. 2,221,127; Nov. 12.
Temperature control mechanism. J. H. Murch and W. Pechy. 2,205,429; June 25.
Temperature control of catalytic operations. E. J. Houdry. 2,205,409; June 25.
Temperature control system. A. E. Baak. 2,222,600; Nov. 26.
Temperature control system. G. A. Churchill. 2,188,808; Jan. 30.
Temperature control, System. I. H. Dale. 2,213,083; Aug. 27.
Temperature control system. A. C. Grant and C. W. Nessell. 2,223,283; Nov. 26.
Temperature control system. H. E. Hartig. 2,211,694; Aug. 13.
Temperature control system. B. F. Herr and A. W. Bassett. 2,216,838; Oct. 8.
Temperature control system. J. P. Kriechbaum. 2,188,877; Jan. 30.
Temperature control system. J. M. Larson. 2,216,245; Oct. 1.

Temperature control system. W. J. McGoldrick and A. B. Newton. 2,200,241; May 14.
Temperature control system. W. L. McGrath. 2,209,926; July 30.
Temperature control system. W. R. Miller. 2,192,144; Feb. 27.
Temperature control system. C. W. Nessell. 2,196,170; Apr. 9.
Temperature control system. H. T. Sparrow. 2,216,301; Oct. 1.
Temperature control system. W. W. Stuart. 2,209,941; July 30.
Temperature control system. D. G. Taylor. Re. 21,620; Nov. 5.
Temperature control system. H. S. Turner. 2,195,802; Apr. 2.
Temperature control system, Building. W. R. Miller. 2,216,825; Oct. 8.
Temperature control system, Zone. J. S. Locke. 2,188,775; Jan. 30.
Temperature control valve. S. W. E. Andersson. 2,217,303; Oct. 8.
Temperature controlled container. C. A. Stemme. 2,223,234; Nov. 26.
Temperature controller. V. W. Breitenstein. 2,218,502; Oct. 22.
Temperature controlling means. H. S. Burling. 2,210,526; Aug. 6.
Temperature controlling means. R. R. Chappell, R. B. Colt, and D. McCormack. 2,205,164; June 18.
Temperature controlling mechanism. J. E. Dube and N. W. Barnes. 2,205,349; June 18.
Temperature controlling system for electrical apparatus. E. E. Moyer. 2,196,022; Apr. 2.
Temperature cycling. C. W. Hansell. 2,205,851; June 25.
Temperature determining apparatus and sampler for liquid containers. J. H. Wiggins. 2,198,324; Apr. 23.
Temperature hydrogenation process, Low. M. Pier and W. Kroenig. 2,206,729; July 2.
Temperature in ore roasting furnaces, Regulating. D. L. Cramp. 2,202,245; May 28.
Temperature indicator, Effective. J. Parsons. 2,193,519; Mar. 12.
Temperature indicator for electrical appliances. G. S. Braun. 2,194,845; Mar. 26.
Temperature indicator for wells. R. W. Lohman; 2,191,765; Feb. 27.
Temperature measurement and control. H. R. Eggers. 2,197,635; Apr. 16.
Temperature measuring. F. W. Dunmore. 2,210,903; Aug. 13.
Temperature measuring apparatus. R. L. Fearn. 2,204,797; June 18.
Temperature measuring device. D. B. Rossheim. 2,208,332; July 16.
Temperature, Method of and apparatus for controlling. L. Gwathmey. 2,203,526; June 4.
Temperature, Method and apparatus for the control of. M. R. Doolittle. 2,206,298; July 2.
Temperature of chemical reactions, Regulation of. E. J. Houdry. 2,225,634; Dec. 24.
Temperature reduction material. E. C. Riley. 2,208,855; July 23.
Temperature regulating system. W. L. McGrath. 2,189,381; Feb. 6.
Temperature regulation. C. A. Otto. 2,193,295; Mar. 12.
Temperature regulation for refrigerators. S. C. Hoffberger. 2,216,079; Sept. 24.
Temperature regulator. M. Döring. 2,187,418; Jan. 16.
Temperature regulator. M. Ward. 2,222,826; Nov. 26.
Temperature regulator, Automatic. F. F. Uehling. 2,212,760; Aug. 27.
Temperature regulator for refrigerators. J. H. Hoffberger. 2,216,077; Sept. 24.
Temperature regulator, Valve mechanism. C. A. Chayne and J. Dolza. 2,224,376; Dec. 10.
Temperature relief valve, Self-closing. T. P. McDermott. 2,223,115; Nov. 26.
Temperature responsive apparatus. H. Burat and H. R. Eggers. 2,206,715; July 2.
Temperature responsive device. W. A. Barnes. 2,217,328; Oct. 8.
Temperature responsive instrument. E. H. Hammond. 2,201,039; May 14.
Temperature warning signal. J. Grace. 2,187,346; Jan. 16.
Temperatures, Controlling reaction. J. W. McCausland. 2,209,346; July 30.
Temperatures, Method of and apparatus for controlling. H. Y. Stebbins. 2,223,581; Dec. 3.
Tempering apparatus. R. B. Parker. 2,219,430; Oct. 29.
Tempering apparatus. A. W. Weber. 2,198,749; Apr. 30.
Tempering valve. W. M. Dillon. 2,225,210; Dec. 17.
Template construction for pipe installations. A. Sabatello. 2,205,311; June 18.
Template, Flexible. E. R. Leary. 2,187,087; Jan. 16.
Template for edging lenses. F. E. Wolf. 2,190,582; Feb. 13.
Temple roll. C. T. Dickey. 2,200,356; May 14.
Temple roll, Manufacture of. C. T. Dickey. 2,197,032; Apr. 16.
Templet. A. P. Stewart. 2,189,154; Feb. 6.
Templet. A. P. Stewart. 2,190,088; Feb. 13.
Tender. E. E. Hicken. 2,194,939; Mar. 26.
Tennis court marking. A. Behr. 2,196,601; Apr. 9.
Tennis player, Table. G. H. Perryman. 2,199,009; Apr. 30.
Tennis racket cover. A. Halpin. 2,197,977; Apr. 23.
Tennis table. L. B. Gatz. 2,203,780; June 11.
Tenoning machine. J. H. Farrell. 2,225,263; Dec. 17.
Tenpin. A. W. Walker. 2,195,687; Apr. 2.
Tenpin setting machine. B. A. Ball. 2,221,697; Nov. 12.
Tens transfer mechanism. M. Garbell. 2,212,639; Aug. 27.
Tens-transferring mechanism. K. M. Vigborg. 2,206,141; July 2.
Tensiometer. G. J. Calame. 2,196,099; Apr. 2.
Tensiometer. G. P. Lessmann. 2,215,329; Sept. 17.
Tensiometer control system. W. G. Cook. 2,210,708; Aug. 6.
Tensiometer, Fluid-pressure operated. G. P. Lessmann. 2,189,609; Feb. 6.
Tensiometer for strip mills. G. P. Lessmann. 2,192,044; Feb. 27.
Tension control device. H. E. Giroz. 2,212,229; Aug. 20.
Tension control device for a winding apparatus. H. E. Van Derhoef. 2,206,140; July 2.
Tension control system. E. P. Codling. 2,193,121; Mar 12.
Tension control system. W. G. Cook. 2,223,718; Dec. 3.
Tension control system. C. P. Croco. 2,185,836; Jan. 2.
Tension control system. G. P. Lessmann. 2,221,592; Nov. 12.
Tension controlling apparatus. L. S. Fryer and L. E. Lovett. 2,217,862; Oct. 15.
Tension device. G. S. Beckman. 2,217,094; Oct. 8.
Tension device. E. B. Feaster. 2,190,261; Feb. 13.
Tension device. H. W. Hitchcock. 2,207,863; July 16.
Tension device for knitting machines, Yarn. J. E. Garrett. 2,209,398; July 30.
Tension device for spinning machines. D. C. Hardie. 2,199,591; May 7.
Tension device for wire drawing benches. G. P. Lessmann. 2,205,213; June 18.
Tension device, Intermittent. A. Tiesler. 2,191,046; Feb. 20.
Tension equalizer. M. W. Morse. 2,213,992; Sept. 10.
Tension regulator. L. J. O'Dowd. 2,220,172; Nov. 5.
Tension rolling means. T. Sendzimir. 2,189,329; Feb. 6.
Tension rolling method and apparatus therefor. T. Sendzimir. 2,194,212; Mar. 19.
Tensioning device. E. R. Keller. 2,207,986; July 16.
Tensioning device. G. P. Lessmann, G. E. Stoltz, and A. F. Kenyon. 2,195,009; Mar. 26.
Tensioning device for cord drive. J. Bulk. 2,212,823; Aug. 27.
Tensioning device for transmission chains and the like. J. Weller. 2,191,946; Feb. 27.
Tensioning means. H. A. W. Wood. 2,200,438 May 14.
Tensioning support for visible packages. S. E. Hays and R. L. Wise. 2,206,635; July 2.
Tensioning tool. B. N. Bletso. 2,187,298; Jan. 16.
Tensioning tool, Binder. A. Marchev. 2,209,631; July 30.
Tent. S. C. Eddy. 2,197,791; Apr. 23.
Tent. J. A. Datz. 2,185,588; Jan. 2.
Tent, Automobile. D. Morgadanes. 2,204,432; June 11.
Tent, Cabana. F. H. Bagley. 2,196,544; Apr. 9.
Tent construction. B. Clearmont. 2,199,127; Apr. 30.
Tent, Exposition. E. R. Brogren. 2,225,972; Dec. 24.
Tent, Pyramid-type hatch. T. H. MacGeorge. 2,186,535; Jan. 9.
Tent structure. J. W. Dixon. 2,185,629; Jan. 2.
Tent structure. M. J. Sater. 2,210,342; Aug. 6.
Tenter drier. F. B. Morrill. 2,219,192; Oct. 22.
Tentering clip. L. Slagboom. 2,201,000; May 14.
Tentering machine. H. Lacey. 2,205,749; June 25.
Terminal. J C. Shumway. 2,191,503; Feb. 27.
Terminal block. W. H. Edwards, G. C. Porter and R. V. Terry. 2,199,219; Apr. 30.
Terminal block. D. G. Kimball. 2,188,789; Jan. 30.
Terminal clamp. F. B. Adam and H. M. Stieglitz. 2,220,698; Nov. 5.
Terminal clamp. H. M. Johnson. 2,201,583; May 21.
Terminal connection for elongated flexible interconnecting members. A. E. Brickman and G. A. Gleason. 2,211,615; Aug. 13.
Terminal construction. N. C. Schellenger. 2,212,815; Aug. 27.
Terminal for storage battery cables. H. A. Orahood and G. A. Reed. 2,195,900; Apr. 2.
Terminal, Fusible connecting. C. P. Xenis. 2,222,642; Nov. 26.
Terminal outlet for industrial furnaces. G. P. Lessmann. 2,200,115; May 7.
Terminal, Pole cable. J. S. Baker. 2,223,539; Dec. 3.
Terminal receptacle. A. L. Martinek. 2,226,869; Dec. 31.
Terminals for variable condensers, Arrangement of non-inductive. A. C. Ducati. 2,223,061; Nov. 26.
Termination or joint for high tension electrical cables. J. K. Webb and R. C. Mildner. 2,219,910; Oct. 29.
Termite control. A. P. Bloxsom. 2,213,380; Sept. 3.
Terpene-cyanoacyl compound and producing the same. J. N. Borglin. 2,217,611–15; Oct. 8.
Terpene-cyanoacyl compound and producing the same. J. N. Borglin. 2,227,058–60; Dec. 31.

Terpene derivatives, Preparation of. J. N. Borglin. 2,214,039; Sept. 10.
Terpene derivatives, Production of. J. N. Borglin. 2,188,495; Jan. 30.
Terpene esters, Preparation of. J. N. Borglin. 2,227,061; Dec. 31.
Terpene ethers, Preparation of. D. H. Sheffield. 2,220,462; Nov. 5.
Test apparatus. C. H. Wiley and M. B. Heftler. 2,215,680; Sept. 24.
Test for amino-benzene compounds in body fluids. W. B. Fortune. 2,208,096; July 16.
Test lamp. O. S. A. Mesch. 2,203,469; June 4.
Test lamp, Utility. C. H. Ribble, and A. J. Heidt. 2,195,975; Apr. 2.
Test plug, Inflatable. E. F. Schuldt. 2,202,321; May 28.
Test tube, Blood. V. H. Grier. 2,204,547; June 18.
Test tube holder. S. S. Lichtman. 2,189,989; Feb. 13.
Tester. C. C. Maurer. 2,222,110; Nov. 19.
Tester and packer. O. J. Litolff. 2,222,750; Nov. 26.
Tester, Flashlight and electrical. W. M. James. 2,205,477; June 25.
Tester for insulation tracking. R. A. Galbraith, L. H. Sampson, and D. E. F. Thomas. 2,192,286; Mar. 5.
Tester, Formation. N. R. Kimmel. 2,210,245; Aug. 6.
Tester, Formation. B. R. McKinley. 2,197,078; Apr. 16.
Tester, Milk sediment. E. J. Wendler. 2,197,909; Apr. 23.
Tester, Spark plug. M. W. Safholm. 2,199,115; Apr. 30.
Tester, Synchronizing. S. Mendelsohn. 2,197,871; Apr. 23.
Testing apparatus. R. K. Bernhard. 2,206,386; July 2.
Testing apparatus. W. F. Dehn and C. L. Karr. 2,222,254; Nov. 19.
Testing apparatus. F. S. Martin and M. T. Kelley. 2,186,727; Jan. 9.
Testing apparatus. W. S. Praeg. 2,202,638; May 28.
Testing apparatus. D. B. Wicker. 2,206,214; July 2.
Testing apparatus, Ductility. C. S. Howe. 2,185,340; Jan. 2.
Testing apparatus for golf clubs. W. L. Wettlaufer. 2,214,356. Sept. 10.
Testing device. H. O. Hem. 2,186,831; Jan. 9.
Testing device. H. O. Hem. 2,193,628; Mar. 12.
Testing device. H. O. Hem. 2,201,369; May 21.
Testing device. H. O. Hem. 2,203,782; June 11.
Testing device for wells. C. R. Edwards. 2,214,550; Sept. 10.
Testing equipment. W. Y. Lang. 2,194,705; Mar. 26.
Testing fixture. A. N. Hanson and S. F. Warner. 2,213,700; Sept. 3.
Testing instrument. N. Schnoll. 2,190,488; Feb. 13.
Testing machine. O. J. Poupitch. 2,206,852; July 2.
Testing machine. D. C. Scott. 2,205,579; June 25.
Testing means for air compressors. D. Love. 2,198,411; Apr. 23.
Tetra-acetals of glyoxal and products thereof, Producing. C. B. Purves. 2,194,405; Mar. 19.
Tetrachlorethylene, Producing. G. Basel and E. Schaeffer. 2,222,931; Nov. 26.
Tetrahydo aryl-alkyl ketones and preparing them. W. D. Wolfe. 2,222,357; Nov. 19.
Tetrahydrofurfuryl alpha acetoxy propionate. H. V. Claborn. 2,222,363; Nov. 19.
Tetrahydroquinoline derivative. H. Lange. 2,194,399; Mar. 19.
Textile and other materials. H. Dreyfus. 2,206,278; July 2.
Textile and other materials, Coloration of. G. H. Ellis and H. C. Olpin. 2,202,902; June 4.
Textile and other materials, Coloration of. P. F. C. Sowter. 2,218,628; Oct. 22.
Textile and other materials, Coloration of artificial. J. H. Rooney and B. Shaw. 2,188,160; Jan. 23.
Textile and other materials, Treatment of. H. Dreyfus. 2,198,660; Apr. 30.
Textile and other materials, Treatment of. G. Rivat. 2,189,017; Feb. 6.
Textile apparatus. C. W. Addy, R. H. J. Riley, and R. J. Grinnell. 2,205,455; June 25.
Textile apparatus. R. H. Balch, T. C. Campbell, and J. L. Grant. 2,221,174; Nov. 12.
Textile articles, Treatment of. F. Schuster. 2,219,663; Oct. 29.
Textile fabric. A. H. Adams. 2,194,271; Mar. 19.
Textile fabric. L. G. Egger. 2,191,986; Feb. 27.
Textile fabric. P. Metzger. 2,217,695; Oct. 15.
Textile fabrics, Production and treatment of. D. Finlayson and J. R. Wylde. 2,200,389; May 14.
Textile fiber, Temporarily marking. E. Franz. 2,198,994; Apr. 30.
Textile fibers, Bleaching artificial. W. Hundt and H. Baier. 2,194,358; Mar. 19.
Textile finishing process. F. C. Wood. 2,200,944; May 14.
Textile, Laminated. G. Schneider. 2,211,079; Aug. 13.
Textile marking composition. W. L. Jones. 2,213,126; Aug. 27.
Textile material. A. S. Bell and J. R. Wylde. 2,218,633; Oct. 22.
Textile material. D. Finlayson and J. F. Levers. 2,199,429; May 7.
Textile material. H. Platt and R. R. Sitzler. 2,211,861; Aug. 20.
Textile material and making same. C. M. Croft. 2,200,383; May 14.
Textile material, Dark colored. G. W. Seymour and V. S. Salvin. 2,195,584; Apr. 2.
Textile material, Device for the lateral stretching of webs of. K. Bünzli. 2,205,371; June 18.
Textile material, Manufacture and treatment of. D. Finlayson and R. G. Perry. 2,195,564; Apr. 2.
Textile material, Treatment of. C. N. Frey and S. Jozsa. 2,194,932; Mar. 26.
Textile material, Treatment of. A. J. Wesson and G. H. Ellis. 2,211,872; Aug. 20.
Textile material, Water repellent. A. Doser, O. Bayer, and K. Hintzmann. 2,191,982; Feb. 27.
Textile materials. H. Ulrich and P. Koerding. 2,186,889; Jan. 9.
Textile materials and preparing same. W. Whitehead. 2,193,894; Mar. 19.
Textile materials and producing same, Colored. G. W. Seymour and V. S. Salvin. 2,195,585; Apr. 2.
Textile materials, Coloration of. G. H. Ellis, C. F. Topham, and H. C. Olpin. 2,196,984; Apr. 16.
Textile materials. Coloration of. R. W. Moncrieff and A. W. M. Cooke. 2,196,270; Apr. 9.
Textile materials, Coloration of. H. Platt. 2,202,066; May 28.
Textile materials, Coloring. J. G. Kern. 2,205,887; June 25.
Textile materials, Fugitive coloration of. G. H. Ellis and A. J. Wesson. 2,222,798; Nov. 26.
Textile materials, Manufacture of. R. R. H. Brown and J. M. Cooper. 2,192,297; Mar. 5.
Textile materials, Manufacture of artificial. A. Mellor. 2,187,358; Jan. 16.
Textile materials, Manufacture or treatment of. H. Dreyfus. 2,197,035; Apr. 16.
Textile materials, Method of and apparatus for testing fibrous. P. M. Strang and A. S. Norcross. 2,217,626; Oct. 8.
Textile materials, Production of. G. H. Ellis and R. W. Moncrieff. 2,221,184; Nov. 12.
Textile materials, Saponification of cellulose ester. H. Dreyfus. 2,192,964; Mar. 12.
Textile materials, Treatment of. G. H. Ellis. 2,207,789; July 16.
Textile materials, Treatment of. G. Schneider and W. Whitehead. 2,187,365; Jan. 16.
Textile materials, Treatment of. G. Widmer and W. Fisch. 2,191,362; Feb. 20.
Textile printing machine. M. N. Bulford. Re. 21,568; Sept. 17.
Textile product. D. Finlayson and J. F. Levers. 2,199,428; May 7.
Textile rovings, Mechanism for drawing. F. Casablancas. 2,202,755; May 28.
Textile sizing. H. Gibello. 2,211,266; Aug. 13.
Textile sizing. L. R. Sherman. 2,207,229; July 9.
Textile, Stripping dyed. H. A. Lubs. 2,206,535; July 2.
Textile tubing machine. P. Thourot. 2,215,625; Sept. 24.
Textile webs, Production of crepelike. R. Clavel and T. Stanisz. 2,221,232; Nov. 12.
Textiles and composition for use therein, Decorating. N. S. Cassel. 2,202,283; May 28.
Textiles and product, Treating. G. Widmer and L. Klein. 2,219,375; Oct. 29.
Textiles and yarns. S. Musher. 2,199,363; Apr. 30.
Textiles, Bleaching of. E. Butterworth. 2,202,332; May 28.
Textiles, films, and the like. H. Dreyfus, D. Finlayson, and R. G. Perry. 2,196,256; Apr. 9.
Textiles, Producing shrinkage effects in. P. Schlack. 2,200,134; May 7.
Textiles, Refining of. H. Haussmann, O. Meissner, W. Pinkernelle, and H. Zinke. 2,225,589; Dec. 17.
Textiles, the size, the preparation of the same, and the size article, Sizing. L. W. Davis and E. Segessemann. 2,218,506; Oct. 22.
Textiles, Treating. P. R. Austin. 2,216,406; Oct. 1.
Textiles, Treatment of. E. Butterworth. 2,202,331; May 28.
Textiles, Treatment of. E. Butterworth and J. A. M. W. Mitchell. 2,202,335; May 28.
Textiles, Treatment of. E. Butterworth and B. P. Ridge. 2,202,334; May 28.
Textiles, Treatment of. W. Kritchevsky. 2,213,673; Sept. 3.
Textiles, water-repellent and products therefrom, Rendering. E. Waltmann. 2,220,856; Nov. 5.
Theftproof roadlight mounting. N. A. Tornblom and I. Meyer. 2,202,472; May 28.
Theftproofing device for motor vehicles. K. Brendler. 2,224,894; Dec. 17.
Theodolite. W. Schnittger. 2,224,064; Dec. 3.
Theophylline and caffeine solution. W. Mothes. 2,222,952; Nov. 26.
Therapeutic agent. T. C. Daniels. 2,192,828; Mar. 5.
Therapeutic agent. C. Hoffman, G. Dalby, and T. R. Schweitzer. 2,217,905; Oct. 15.
Therapeutic agents and products resulting therefrom, Synthesizing. R. E. Marker and T. S. Oakwood. 2,202,704 May 28.
Therapeutic apparatus. A. Lavori. 2,209,779; July 30.
Therapeutic apparatus. L. B. Newman. 2,190,383; Feb. 13.

Therapeutic apparatus for vapor treatment of the ear. J. J. Nowak. 2,200,008; May 7.
Therapeutic bag. L. B. Newman. 2,190,384; Feb. 13.
Therapeutic composition. K. C. D. Hickman. 2,221,690; Nov. 12.
Therapeutic composition. A. B. Scott, O. M. Gruhzit, and J. A. Sultzaberger. 2,222,384; Nov. 19.
Therapeutic composition. C. C. Whittier. 2,187,766; Jan. 23.
Therapeutic device. R. O. McAssey. 2,187,168; Jan. 16.
Therapeutic lamp. N. E. Goodrich. 2,198,770; Apr. 30.
Therapeutic machine. W. Browner. 2,190,282; Feb. 13.
Therapeutic method and apparatus. J. K. Forshee, E. S. Humphreys, and E. J. Hasney. 2,223,669; Dec. 4.
Therapeutic preparation, Stable-vitamin-containing. F. W. Nitardy. 2,195,595; Apr. 2.
Therapeutic product and preparing it. G. B. Walden. 2,219,350; Oct. 29.
Therapeutic table. L. E. Gibson. 2,209,310; July 30.
Therapeutical preparation for the peroral treatment of hay fever and the manufacture of same. K. Rosenwald. 2,207,415; July 9.
Therapy unit, Short wave. H. S. Bayless, H. D. Bauer, and H. D. Fischer. 2,198,073; Apr. 23.
Thermal alarm. R. F. Knaack. 2,203,414; June 4.
Thermal control for cooling system. W. T. Ellis. 2,195,697; Apr. 2.
Thermal control of internal combustion engines. L. E. Endsley. 2,189,888; Feb. 13.
Thermal cutout unit. B. E. Shaw. 2,211,245; Aug. 13.
Thermal electric switch. H. E. Lindemann. 2,216,748; Oct. 8.
Thermal element, Reversed bimetallic. N. L. Derby. 2,189,459; Feb. 6.
Thermal generation of electric current. H. R. Milnes. 2,215,332; Sept. 17.
Thermal insulating article, and assembly. F. P. Puzio. 2,209,828; July 30.
Thermal manifolding apparatus. J. Q. Sherman. 2,187,760; Jan. 23.
Thermal metering apparatus. W. C. Downing, Jr. 2,212,730; Aug. 27.
Thermal metering apparatus. W. C. Downing, Jr. 2,213,339; Sept. 3.
Thermal overload relay. K. Mahnke. 2,217,488; Oct. 8.
Thermal overload relay. L. Pierce. 2,214,626; Sept. 10.
Thermal protection for shielded ignition systems. M. F. Peters. 2,186,038; Jan. 9.
Thermal protective switch. C. W. Kuhn and A. P. Charbonneau. 2,187,975; Jan. 23.
Thermal relay, Dynamically balanced. C. M. Hathaway. 2,195,304; Mar. 26.
Thermal relief valve. E. A. Lowe. 2,187,906; Jan. 23.
Thermal relief valve. E. A. Lowe. 2,213,528; Sept. 3.
Thermal safety device. E. Huber. 2,218,912; Oct. 22.
Thermal switch. G. H. Leland. 2,198,502; Apr. 23.
Thermal system, Closed. E. S. Cornell, Jr. 2,220,078; Nov. 5.
Thermal treatment, Indicating the extent of. A. W. Chapman. 2,195,395; Apr. 2.
Thermal unit. E. S. Cornell, Jr. 2,188,176; Jan. 23.
Thermally actuated switch. C. W. Kuhn and A. P. Charbonneau. 2,210,084; Aug. 6.
Thermally responsive device. R. R. Pittman and C. H. Walsh. 2,198,840; Apr. 30.
Thermionic device. P. M. Haffcke. 2,219,309; Oct. 29.
Thermionic device. J. A. Holladay. 2,194,167; Mar. 19.
Thermionic relay. V. E. Carbonara. 2,225,032; Dec. 17.
Thermionic tube. C. E. Stahl. 2,188,270; Jan. 23.
Thermionic tube circuit. R. H. Dreisbach and N. F. Martin. 2,203,277; June 4.
Thermionic valve. C. S. Bull. 2,198,330; Apr. 23.
Thermionic valve. G. W. Warren. 2,206,491; July 2.
Thermionic valve. E. Zinke. 2,217,427; Oct. 8.
Thermionic valve circuit. C. C. Eaglesfield. 2,226,752; Dec. 31.
Thermionic valve circuit. W. S. Percival. 2,226,255; Dec. 24.
Thermionic wave apparatus for use on very short wave lengths. N. E. Davis, E. Green, and A. W. Hall. 2,218,309; Oct. 15.
Thermobath cabinet. C. J. Fenton. 2,199,285; Apr. 30.
Thermocouple. H. Rabezzana. 2,218,622; Oct. 22.
Thermocouple. R. D. Whipple. 2,207,647; July 9.
Thermocouple apparatus. G. F. Laing. 2,225,700; Dec. 24.
Thermocouple structure. W. A. Ray. 2,186,707; Jan. 9.
Thermocouple support. J. C. Woodson. 2,194,489; Mar. 26.
Thermoelectric liquid level gauge. J. I. Liner. 2,192,447; Mar. 5.
Thermoelectrically controlled device. P. L. Betz and S. Karrer. 2,217,785; Oct. 15.
Thermogauge resistor. K. Schwartzwalder and R. H. Bigler. 2,211,168; Aug. 13.
Thermomagnetic switch, Oil burner control. H. C. Rohr. 2,195,633; Apr. 2.
Thermometer. E. Bandoly. 2,209,182; July 23.
Thermometer. H. H. Barker. 2,189,123; Feb. 6.
Thermometer. S. L. Lane. 2,201,186; May 21.
Thermometer. K. L. Tate. 2,209,179; July 23.
Thermometer and sterilizer therefor, Combined clinical. R. O. Faye and A. L. Draper. 2,189,061; Feb. 6.
Thermometer attachment for fountain syringe bags or similar containers. R. R. Mayo. 2,204,764; June 18.
Thermometer, Contact. J. L. Bloomheart. 2,195,019; Mar. 26.
Thermometer holder. E. O. Valane. 2,191,782; Feb. 27.
Thermometer, Oven. T. T. Arden. 2,193,851; Mar. 19.
Thermometer, Resistance. C. C. Minter. 2,216,375; Oct. 1.
Thermoplastic composition. H. Shrager and B. Shinberg. 2,206,434; July 2.
Thermoplastic materials, Method for self-lacquering. C. N. Smith. 2,209,940; July 30.
Thermoplastic materials, Treating. W. I. Patnode. 2,217,451; Oct. 8.
Thermoplastic molding composition. W. W. Pedersen. 2,215,250; Sept. 17.
Thermoplastic products, Treating. G. Smith and A. Allen. 2,226,446; Dec. 24.
Thermoplastic sill and door seal. J. S. Reid. 2,212,551; Aug. 27.
Thermoresponsive device. L. M. Persons. 2,203,841; June 11.
Thermostat. J. S. Baker and R. M. Schultz. 2,222,062; Nov. 19.
Thermostat. D. L. Bennett. 2,221,752; Nov. 19.
Thermostat. E. Bletz. 2,210,701; Aug. 6.
Thermostat. E. K. Clark. 2,194,999–5000; Mar. 26.
Thermostat. E. K. Clark and J. S. Wojcik. 2,195,001; Mar. 26.
Thermostat. L. K. Davis. 2,204,793; June 18.
Thermostat. E. J. Dillman. 2,209,767–8; July 30.
Thermostat. J. W. Galloway. 2,193,588; Mar. 12.
Thermostat. M. Gaul. 2,185,914; Jan. 2.
Thermostat. F. Kuhn and L. H. Thomas. 2,191,670; Feb. 27.
Thermostat. P. R. Lee. 2,199,638; May 7.
Thermostat. E. L. Mayo. 2,187,886; Jan. 23.
Thermostat. H. A. Mulvany. 2,197,276; Apr. 16.
Thermostat. R. E. Newell. 2,201,375; May 21.
Thermostat. H. A. Smith. 2,198,133; Apr. 23.
Thermostat. H. S. Turner. 2,202,069; May 28.
Thermostat. H. S. Turner. 2,214,843; Sept. 17.
Thermostat. H. M. Wilson. 2,203,558; June 4.
Thermostat, Bimetallic electric. E. A. Lowe. 2,213,526; Sept. 3.
Thermostat control system. A. B. Newton. 2,222,153; Nov. 19.
Thermostat, Heavy duty snap-acting. E. K. Clark. 2,189,627; Feb. 6.
Thermostat, Humidity compensated. L. W. Shutts. 2,191,630; Feb. 27.
Thermostat, Immersion type. V. O. Beam. 2,185,623; Jan. 2.
Thermostat, Manual reset. P. R. Lee. 2,210,677; Aug. 6.
Thermostat, Pneumatic and fusible metal electric. E. A. Lowe. 2,224,738; Dec. 10.
Thermostat, Room. F. H. Newman. 2,225,080; Dec. 17.
Thermostat, Surface. V. O. Beam. 2,192,633; Mar. 5.
Thermostat, Water circulation. M. Goldschmidt. 2,222,710; Nov. 26.
Thermostatic apparatus. D. E. Dasher. 2,221,633; Nov. 12.
Thermostatic control. E. Bloch and J. K. Kahn. 2,197,091; Apr. 16.
Thermostatic control. E. H. Piron. 2,199,730; May 7.
Thermostatic control. B. F. Waddell. 2,197,230; Apr. 16.
Thermostatic control. H. W. Wilkinson. 2,215,384; Sept. 17.
Thermostatic control apparatus. J. M. Larson. 2,188,542; Jan. 30.
Thermostatic control device. E. F. Kurtz. 2,207,462; July 9.
Thermostatic control device. W. A. Paulson. 2,199,416; May 7.
Thermostatic control mechanism. J. A. Cerny. 2,210,446; Aug. 6.
Thermostatic controller for unit heat exchangers. I. W. Knight. 2,207,865; July 16.
Thermostatic controlling device. J. K. Lund. 2,216,015; Sept. 24.
Thermostatic device. J. D. Bolesky. 2,199,388; May 7.
Thermostatic device. W. B. Clifford. 2,218,542; Oct. 29.
Thermostatic device. W. S. Gordon, Jr. 2,185,436; Jan. 2.
Thermostatic device. C. H. Morrow. 2,222,113; Nov. 19.
Thermostatic device. C. F. Prutton and J. T. Marvin 2,185,421–2; Jan. 2.
Thermostatic device, Safety. A. J. Klapperich. 2,214,928; Sept. 17.
Thermostatic element. W. H. Gille and G. A. Bouvier. 2,196,671; Apr. 9.
Thermostatic expansion valve. D. P. Holmes. 2,220,998; Nov. 12.
Thermostatic liquid transmission system. J. V. Giesler. 2,221,347; Nov. 12.
Thermostatic switch. A. Blanc. 2,220,752; Nov. 5.
Thermostatic switch. J. D. Bolesky. 2,199,387; May 7.
Thermostatic switch. D. Eisinga. 2,224,015; Dec. 3.
Thermostatic switch. B. P. Pond. 2,196,507; Apr. 9.
Thermostatic switch. B. P. Pond. 2,200,852; May 14.
Thermostatic switch, Combination. C. A. Rudolph. 2,204,231; June 11.

Thermostatic valve. A. J. Schutt. 2,191,627; Feb. 27.
Thermostatically controlled device. W. A. Saul. 2,217,419; Oct. 8.
Thermostatically-controlled switch. V. L. Shaw. 2,209,583; July 30.
Thermostatically controlled valve. R. J. Smith. 2,203,110; June 4.
Thermostatically operated valve. H. B. Hedmark. 2,216,346; Oct. 1.
Thermostats, Purging. L. M. Persons. 2,198,561; Apr. 23.

Thiazane derivatives. R. D. Coghill. 2,191,452; Feb. 27.
Thiazole compound and making it. E. R. Buchman. 2,194,179; Mar. 19.
Thiazole compound and preparing the same. D. Price and F. D. Pickel. 2,209,092; July 23.
Thiazole derivatives, Manufacture of. M. W. Harman. 2,193,626; Mar. 12.
Thiazoles. D. J. Beaver. 2,226,799; Dec. 31.
Thickeners for printing textile fabrics, Preparing. F. G. La Piana and D. E. Truax. 2,220,573; Nov. 5.
Thickness gauge. D. Buccicone. 2,219,621–2; Oct. 29.
Thickness gauge. F. H. Gulliksen. 2,224,728; Dec. 10.
Thickness gauge, Manually operated. R. S. Fox. 2,200,880; May 14.

Thimble, Rope. E. J. Mardis. 2,189,671; Feb. 6.
Thimble, Rubber. A. M. Levey. 2,207,672; July 9.
Thioacetalsulphonic acids and making same. H. Martin and R. Hirt. 2,223,693; Dec. 3.
Thioamides and preparing them, Secondary. W. E. Hanford. 2,201,170; May 21.
Thioamides and their preparation, Monomeric polar-substituted. W. E. Hanford. 2,201,171; May 21.
Thiocarbamido compounds and making them, Stibonyl diaryl. G. M. Dyson and A. Renshaw. 2,195,885; Apr. 2.
Thiocarbanilide, Dispersible. D. W. Jayne, Jr. 2,185,591; Jan. 2.
Thiocyanates, Organic. G. H. Coleman and R. W. Sapp. 2,201,157; May 21.
Thiodiglycol-polycarboxylic acid condensation products. A. Weihe. 2,221,418; Nov. 12.
Thiolactams, Preparing. P. S. Pinkney. 2,201,200; May 21.

Thiophenols from alkyl phenols, Separating. S. B. Thomas and B. H. Cummings. 2,218,139; Oct. 15.
Thiosulphate, Solid ammonium. W. H. Hill. 2,219,258; Oct. 22.
Third dimensional viewing of objects from a traveling craft or vehicle, Obtaining increased. J. B. Bartow. 2,224,775; Dec. 10.
Thoracoscope. R. Wolf. 2,224,464; Dec. 10.
Thorium oxide and contact masses therefrom, Manufacture of. R. Müller and H. Lee. 2,202,637; May 28.
Thrashing element. S. C. Heth. 2,217,590; Oct. 8.
Thread advancing reel. W. F. Kenbusch. 2,210,911; Aug. 13.
Thread-advancing reel. H. B. Kline and L. J. Jordan. 2,203,686; June 11.
Thread advancing reel. G. P. Torrence, R. F. Bergman, and W. F. Knebusch. 2,217,716; Oct. 15.
Thread and fiber of thermoplastic materials and producing the same. H. Jacqué. 2,185,789; Jan. 2.
Thread and making same. C. Dreyfus. 2,211,850; Aug. 20.

Thread and making same, Rubber. G. S. Van Voorhis. 2,203,622; June 4.
Thread and producing same, Artificial. A. Formhals. 2,187,306; Jan. 16.
Thread, and resulting article, Making. G. Vincke. 2,213,659; Sept. 3.
Thread and the like, Manufacturing rubber. H. L. Welker and F. Cremer. 2,197,088; Apr. 16.
Thread bands from artificial silk, Manufacture of. G. Campolunghi. 2,192,465; Mar. 5.
Thread brake. B. van den Bergh. 2,222,921; Nov. 26.
Thread bung fixture for sheet metal containers. L. B. Wackman. 2,207,565; July 9.
Thread by drawing, in particular for glass threads with long fibers, System for obtaining. A. Ceretti and P. Modigliani. 2,219,066; Oct. 22.
Thread collecting device. F. F. Hillix. 2,204,593; June 18.

Thread control device. J. R. Long. 2,209,839; July 30.
Thread control for looms, Pneumatic. R. C. Turner. 2,226,269; Dec. 24.
Thread control for pneumatic thread extractors. C. Darwin. 2,207,089; July 9.
Thread controller. H. J. Le Vesconte. 2,186,534; Jan. 9.
Thread controller for weft replenishing looms. A. Cederlund. 2,224,594; Dec. 10.
Thread covering apparatus. S. W. Alderfer. 2,206,494; July 2.
Thread cutter for looms. R. G. Turner. 2,207,080; July 9.
Thread-cutting device for lathes. W. Ogilvie. 2,204,441; June 11.
Thread-cutting machine. E. J. Protin. 2,191,915; Feb. 27.
Thread cutting means. L. G. Larsen. 2,214,058; Sept. 10.
Thread cutting mechanism. H. J. Lanier. 2,200,182; May 7.
Thread cutting mechanism for weft replenishing. R. G. Turner. 2,226,290; Dec. 24.
Thread cutting tool holder. S. J. Welter. 2,211,039; Aug. 13.
Thread, Drying wet. H. B. Kline and L. J. Jordan. 2,204,500; June 11.
Thread end holder, Reciprocating. P. J. Mamrol. 2,185,211; Jan. 2.
Thread extracting attachment. L. A. Smith. 2,218,123; Oct. 15.
Thread extractor for looms, Pneumatic. R. G. Turner. 2,194,531; Mar. 26.
Thread extractor for looms, Pneumatic. R. G. Turner. 2,199,296; Apr. 30.
Thread extractor for weft replenishing looms. R. G. Turner. 2,207,081; July 9.
Thread eye for loom shuttles, Inclined. R. G. Turner. 2,226,266; Dec. 24.
Thread feed mechanism, Weft. E. Pfarrwaller. 2,221,384; Nov. 12.
Thread, filaments and the like, Crimping. H. P. Cobb. 2,204,341; June 11.
Thread from rubber latex, Process and apparatus for spinning rubber. T. Inokuchi and U. Kawarahata. 2,199,882; May 7.

Thread gauge. S. G. Johnson. 2,200,885; May 14.
Thread guide. V. R. Hardy and J. B. Miles, Jr. 2,191,791; Feb. 27.
Thread guide and support therefor. C. H. Wainwright, T. L. Mountain, and F. E. Deans. 2,206,212; July 2.
Thread guide and the like, Ceramic. H. Thurnauer. 2,214,703; Sept. 10.
Thread handling device. C. H. Wainwright, T. L. Mountain, and F. E. Deans. 2,213,788; Sept. 3.
Thread holder. I. Handzelek. 2,226,430; Dec. 24.
Thread holder. A. C. Salter. 2,215,410; Sept. 17.
Thead holder, Pneumatic. R. G. Turner. 2,199,353; Apr. 30.
Thread in superposed layers of fabric, Drawing in loose loops of. J. Sedlmair. 2,203,031; June 4.
Thread inspection apparatus. A. H. Burkholder. 2,206,833; July 2.
Thread, Making cut rubber. D. Rhee. 2,207,110; July 9.
Thread, Making rubber. A. H. Carr. 2,209,509; July 30.
Thread, Manufacture of. S. W. Brainard. 2,218,461–2; Oct. 15.
Thread or the like. H. B. Kline and L. J. Jordan. 2,209,983; Aug. 6.
Thread or the like, Apparatus for drying or otherwise treating. A. H. Burkholder. 2,189,195; Feb. 6.
Thread or the like, Apparatus for handling. J. E. Andersson. 2,189,121; Feb. 6.
Thread or the like, Manufacture of. L. J. Jordan. 2,225,637; Dec. 24.
Thread or the like, Manufacture of. W. F. Knebusch and A. H. Burkholder. 2,225,642; Dec. 24.
Thread or the like, Method of and apparatus for manufacturing. F. J. Samerdyke and L. E. Lovett. 2,217,707; Oct. 15.
Thread package. H. R. Marsh. 2,210,839; Aug. 6.
Thread picker for vacuum-cleaner nozzles. W. Leathers. 2,190,329; Feb. 13.
Thread positioner for weft replenishing looms. R. G. Turner. 2,226,267; Dec. 24.
Thread, Processing rubber. B. H. Foster and K. J. Rupprecht. 2,211,324; Aug. 13.
Thread, Producing elastic. P. E. F. Clay. 2,220,213; Nov. 5.

Thread production. A. E. Guenther. 2,223,912; Dec. 3.
Thread production. G. M. Karns. 2,223,914; Dec. 3.
Thread production. L. S. Sinness. 2,223,923; Dec. 3.
Thread protector. W. A. Curtis. 2,195,530; Apr. 2.
Thread protector. R. R. Irwin and H. W. Culvertson. 2,213,430; Sept. 3.
Thread protector. L. H. Lytle. Re. 21,394; Mar. 12.
Thread protector. L. H. Lytle. 2,212,423; Aug. 20.
Thread protector. G. E. Mirfield. 2,225,754; Dec. 24.
Thread remover, Pneumatic. R. G. Turner. 2,204,456; June 11.
Thread separator for looms. R. G. Turner. 2,219,794; Oct. 29.
Thread store device. W. F. Knebusch. 2,188,359; Jan. 30.
Thread tension device. F. B. Javery. 2,225,995; Dec. 24.
Thread tensioning device. H. H. Burdett. 2,224,097; Dec. 3.
Thread throwing machine. J. C. Houck. 2,188,242; Jan. 23.
Thread tool guage. M. Walicki. 2,212,802; Aug. 27.
Thread-waxing device. H. W. Hitchcock. 2,222,228; Nov. 19.
Thread winding. W. A. Snider. 2,193,117; Mar. 12.
Thread winding mechanism. L. E. Lovett. 2,188,814; Jan. 30.
Threaded joint. W. M. Frame. 2,204,754; June 18.
Threaded parts, Manufacturing. W. A. Barnes. 2,210,353; Aug. 6.
Threading and cutting machine. H. Schoepe. 2,219,944; Oct. 29.
Threading device. J. P. Bird and F. B. Schaffer. 2,213,379; Sept. 3.
Threading tool. W. M. Emery. 2,196,897; Apr. 9.
Threading tool. W. E. Parrish. 2,204,866; June 18.

Threadless pipe connector. E. Kaysing. 2,187,880; Jan. 23.
Threads and fabrics, Production of textile. W. Whitehead. 2,186,056; Jan. 9.
Threads and the like, Formation of. R. Picard and A. Bonnet. 2,224,693; Dec. 10.
Threads and the like, Manufacture of rayon. A. J. L. Moritz. 2,195,934; Apr. 2.
Threads and yarns, Production of looped textile. K. F. Seim. 2,213,720; Sept. 3.
Threads, bands, strips, and tapes of rubber, Making. T. L. Shepherd. 2,227,277; Dec. 31.
Threads, filaments, and the like by the viscose process, Manufacture and production of artificial. J. H. Givens, H. W. Biddulph, and L. Rose. 2,192,074; Feb. 27.
Threads, filaments, bands, films or the like containing proteins, Production of artificial. T. Koch. 2,195,930; Apr. 2.
Threads in a workpiece, Method of and apparatus for forming internal. G. H. Hagerman. 2,189,867; Feb. 13.
Threads, Indicating defects in. E. A. Keeler. 2,188,754; Jan. 30.
Threads, Manufacture of. O. Eisenhut, H. Rein, and C. Fratzer. 2,198,962; Apr. 30.
Threads, Manufacture of artificial. W. Maier, G. Plepp, and H. Fink. 2,213,129; Aug. 27.
Threads, Spinning artificial. E. Hubert, H. Pabst, and H. Hecht. 2,190,265; Feb. 13.
Threads, strips, and the like from latex, Continuous process for manufacturing rubber. H. L. Welker and F. Cremer. 2,197,087; Apr. 16.
3-amino-4-hydroxyphenylarsine oxide and making it. A. B. Scott, R. D. Hummell, B. F. Tullar, and J. Wainwright. 2,221,817; Nov. 19.
3-aminopyrenes and preparing them, Substituted. M. Corell, H. Vollmann, and H. Becker. 2,185,661; Jan. 2.
3-chloro-cymene, Preparation of. J. E. Livak and C. D. Carlson. 2,192,613; Mar. 5.
3,5,6-trihydroxy androstane and pregnane compounds. K. Miescher and W. Fischer. 2,191,576; Feb. 27.
3'-halogen-benzoyl-2-benzoic acid-4'-sulphonic acids and making the same. S. Gassner and B. Bienert. 2,204,960; June 18.
3-nitro-4-alkyl phenols and making them. W. G. Christiansen. 2,194,923; Mar. 26.
Three position electric snap switch. R. H. Bentley. 2,191,364; Feb. 20.
3,3'-Dihalogen-dianthrahydroquinoneazine tetrasulphuric acid esters and making the same. O. Stallmann. 2,200,480; May 14.
Three-way valve. F. R. Goehring. 2,212,343; Aug. 20.
Thresher. R. L. Anderson. 2,215,990; Sept. 24.
Threshing attachment for mowing machines. L. L. Orr. 2,208,278; July 16.
Threshold. F. W. Kammerer. 2,188,049; Jan. 23.
Threshold construction, Rail car. F. L. Geary. 2,193,194; Mar. 12.
Throat bag. C. L. Beal. 2,225,764; Dec. 24.
Throttle and clutch control, Combination. W. E. Swenson and H. J. Andersen. 2,226,591; Dec. 31.
Throttle and governor device, Combined. A. C. Hoof. 2,202,423; May 28.
Throttle control. L. M. De Bolt. 2,196,626; Apr. 9.
Throttle control, Carburetor. I. E. Coffey. Re. 21,641; Dec. 3.
Throttle control, Electric. H. M. Norman, W. H. Farr, G. E. Coxon, T. Paul, and A. W. Le Fevre. 2,192,714; Mar. 5.
Throttle control, Engine. T. Zintsmaster. 2,201,070; May 14.
Throttle control for internal combustion engines. R. Lozivit. 2,226,345; Dec. 24.
Throttle control in internal combustion engine. C. W. Dorwin and B. Edwards. 2,214,047; Sept. 10.
Throttle-control means for aircraft engines, Emergency. C. Marcus. 2,208,299; July 16.
Throttle control system. O. L. Starr. 2,195,524; Apr. 2.
Throttle for automobiles, Hand. E. J. Tate. 2,207,954; July 16.
Throttle governor. L. Langhaar. 2,187,243; Jan. 16.
Throttle valve. B. Smith. 2,208,736; July 23.
Throttling pump. G. A. Gillen. 2,187,151; Jan. 16.
Throttling valve. E. H. Mueller. 2,225,755; Dec. 24.
Throwing machine. J. P. McHugh. 2,216,647; Oct. 1.
Throwoff mechanism for printing presses. W. K. Eckhard. 2,216,565; Oct. 1.
Thrust bearing. A. Kingsbury. 2,197,432; Apr. 16.
Thrust bearing. E. H. Piron. 2,213,369; Sept. 3.
Thyratron control. A. Pfister. 2,224,832; Dec. 10.
Thyratron motor, Limited speed series. P. M. Currier. 2,193,919; Mar. 19.
Thyrite protective device. G. L. Usselman. 2,201,211; May 21.
Ticket book. H. J. Beuglet. 2,223,089; Nov. 26.
Ticket checking and dispensing apparatus, Admission. G. D. Roedels. 2,200,123; May 7.
Ticket delivering and recording machine. M. L. Haney 2,204,133; June 11.
Ticket holder. S. A. Varon. 2,206,522; July 2.
Ticket issuing machine. R. H. Helsel. 2,202,377; May 28.
Ticket issuing machine. R. H. Helsel. 2,219,650; Oct. 29.
Ticket, Pin. C. A. Flood. 2,199,968; May 7.
Ticket, Price marking. H. G. Balthasar. 2,197,738; Apr. 16.
Ticket printing machine. W. M. Schlegelmilch. 2,190,736; Feb. 20.
Ticket protector, Price. L. Hopp. 2,186,698; Jan. 9.
Ticket, Sales. J. H. Neu. 2,194,670; Mar. 26.
Ticket, Sample pin. H. E. Elson. 2,224,427; Dec. 10.
Ticket, Theater. B. H. Freedman. 2,187,685; Jan. 16.
Ticketing machine. C. E. Weber. 2,219,242; Oct. 22.
Ticking, Mattress. S. E. Blumenthal. 2,222,999; Nov. 26.
Tie. T. Willmoth. 2,185,615; Jan. 2.
Tieback. O. Cunningham. 2,219,253; Oct. 22.
Tieback. H. E. Thoms. 2,199,717; May 7.
Tieback fastener. C. M. Denny. 2,210,799; Aug. 6.
Tie, Bale. E. F. W. Keihl, Jr. 2,223,109; Nov. 26.
Tie bed shaping machine, Railway. J. C. Foreman. 2,207,854; July 16.
Tie cutting machine, Railway. H. E. Woolery. 2,207,883; July 16.
Tie-down, Adjustable. G. C. Meyers. 2,196,504; Apr. 9.
Tie-down, Adjustable. W. H. Mussey. 2,185,514; Jan. 2.
Tie down, Adjustable. C. R. Radey. 2,205,273; June 18.
Tie fabrication apparatus. M. S. Malek. 2,186,552; Jan. 9.
Tie for concrete forms. M. E. Kemper. 2,195,928; Apr. 2.
Tie for cotton bales. F. P. and C. W. Files. 2,213,628; Sept. 3.
Tie, Form. F. La Grotta. 2,205,662; June 25.
Tie, Form. T. C. Schenk. 2,218,099; Oct. 15.
Tie, Form. T. C. Schenk. 2,222,339; Nov. 19.
Tie former. W. T. Fallon. 2,208,695; July 23.
Tire groover. E. P. Koppin and E. E. Staub. 2,222,036; Nov. 19.
Tie machine, Bale. G. W. Whittington. 2,187,216; Jan. 16.
Tie means for concrete forms. J. A. Kanter. 2,217,278; Oct. 8.
Tie plate and spike, Railroad. O. F. Arthur and F. Schulle. 2,208,489; July 16.
Tie plate and spring clip. H. G. Warr. 2,205,584; June 25.
Tie puller jack. P. J. Neely, H. L. Pruett, and C. M. Staples. 2,219,577; Oct. 29.
Tie rack. A. Gladstone, I. Gilbert and J. M. Bryda. 2,210,120; Aug. 6.
Tie, Railroad. W. H. Campbell. 2,193,161; Mar. 12.
Tie, Railroad. U. O. Long. 2,220,533; Nov. 5.
Tie, Rope and wire. R. J. Evans. 2,214,499; Sept. 10.
Tie-spacing device. D. Rich. 2,188,819; Jan. 30.
Tie strap, Improved. O. Summers. 2,214,388; Sept. 10.
Tie tamping machine, Railroad. A. M. Brown. 2,201,023; May 14.
Tie-wire tool. F. Bednarek. 2,214,267; Sept. 10.
Ties, Making form. T. C. Schenk. 2,193,078; Mar. 12.
Tight winding device. F. Marti. 2,218,889; Oct. 22.
Tile. J. H. Isenhour. 2,185,669; Jan. 2.
Tile and mounting the same. C. J. Stanley. 2,195,905; Apr. 2.
Tile and retaining means therefor. F. J. Plym. 2,206,201; July 2.
Tile, Angle. A. A. Richards. 2,207,178; July 9.
Tile, Apparatus for molding. A. E. Rose. 2,188,726; Jan. 30.
Tile construction, Building. E. A. Roney and J. E. Mangine. 2,187,329; Jan. 16.
Tile, Interlocking roofing. R. Hedrich, Sr. 2,226,560; Dec. 31.
Tile, Making interlocking roofing. D. Brown, J. B. Peebles and B. M. Burchfiel. 2,205,080; June 18.
Tile making machine, Irrigation. W. R. Fleming. 2,209,726; July 30.
Tile, Mastic floor. J. Rivkin and R. C. Scheib. 2,204,773; June 18.
Tile, Producing ornamental glass. A. D. Nash. 2,215,227; Sept. 17.
Tie rod boot. A. F. Gardner. 2,197,037; Apr. 16.
Tile scoring and breaking device. F. A. Fedon. 2,205,717; June 25.
Tile section, Safety. F. W. Cotterman. 2,201,849; May 21.
Tile structure. J. T. Welch. 2,195,910; Apr. 2.
Tile trim, Imitation. G. Ritter. 2,186,684; Jan. 9.
Tiling. C. L. Neumeister. 2,189,218; Feb. 6.
Tiling. J. Weiland. 2,201,129; May 14.
Tiling, Metal. C. F. Wysong. 2,190,818; Feb. 20.
Tiling system, Wall and floor. H. L. Smith. 2,205,700; June 25.
Tillage implement. W. H. Silver. 2,192,333; Mar. 5.
Tillage tool, Rotary. L. Dufour. 2,192,342; Mar. 5.
Tiller, Motor driven rotary. K. von Meyenburg. 2,196,347; Apr. 9.
Tilling implement. B. R. Benjamin. 2,197,424; Apr. 16.
Tilling implement. E. Mowry. 2,211,906; Aug. 20.
Tilling implement. W. H. Silver. 2,202,929; June 4.
Tilling machine, Subsoil. B. Vale. 2,212,136; Aug. 20.
Tilter, Venetian blind. H. K. Lorentzen. 2,226,623; Dec. 31.
Tilting device. H. G. Balthasar. 2,227,211; Dec. 31.
Tilting head press. C. F. Burroughs. 2,197,849; Apr. 23.

Timbre of an electrical musical instrument, Controlling the. W. F. Curtis. 2,201,160; May 21.
Time base circuit for cathode ray tube. R. M. Barnard. 2,215,776; Sept. 24.
Time control device. D. G. Fortt. 2,197,687; Apr. 16.
Time control device, Radio receiving set. T. A. Cheney. 2,187,373; Jan. 16.
Time control mechanism for flashing electric range units or the like. J. W. Myers. 2,215,404; Sept. 17.
Time controlled actuating mechanism. A. Kuttes. 2,210,299; Aug. 6.
Time-controlled device for switches and the like. B. G. Horstmann. 2,208,902; July 23.
Time controlled mechanism for coin controlled automatic phonographs. R. Jacobson. 2,190,026; Feb. 13.
Time controlled switch. W. Morrone. 2,190,241; Feb. 13.
Time cycle controller. W. J. Brown and P. J. Good. 2,224,593; Dec. 10.
Time delay circuit. O. P. McCarty. 2,216,595; Oct. 1.
Time delay control circuit. S. Minneci. 2,216,598; Oct. 1.
Time delay control system. T. C. Lennox. 2,220,769; Nov. 5.
Time delay control system. S. Minneci. 2,216,597; Oct. 1.
Time delay lock, Nonlockout combination. C. M. Hirn. 2,191,694; Feb. 27.
Time delay mercury switch. L. W. Gillespie. 2,208,841; July 23.
Time delay relay. M. G. Nelsen. 2,226,070; Dec. 24.
Time delay switch. A. Clarkson. 2,224,951; Dec. 17.
Time element relay. O. S. Field. 2,199,335; Apr. 30.
Time element release for control of traffic signals. S. S. Stolp and L. R. Wagner. 2,220,553; Nov. 5.
Time indicating mechanism. N. Hammer. 2,202,581; May 28.
Time indicator, Elapsed. R. L. Russell and R. V. Molby. 2,204,868; June 18.
Time internal indicating device. T. F. Tucker. 2,224,451; Dec. 10.
Time interval indicating device. D. Perlman. 2,210,337; Aug. 6.
Time measuring apparatus. B. Lazich and H. E. Ashworth. 2,193,905; Mar. 19.
Time measuring apparatus. P. J. Simmen. 2,201,704; May 21.
Time measuring apparatus. C. E. Staples. 2,187,406; Jan. 16.
Time measuring mechanism. A. Wiedemeier. 2,188,169; Jan. 23.
Time-of-day announcing machine. P. C. Smith. 2,207,703; July 16.
Time or speed controlled delayed action relay for strip material classifiers. A. G. Ladrach. 2,217,342; Oct. 8.
Timepiece movement. R. Puthod. 2,192,272; Mar. 5.
Timepiece regulating system and method. F. T. Hicks. 2,200,604; May 14.
Time printing device. E. S. Ostler. 2,214,796; Sept. 17.
Time recorder. A. E. Long. 2,209,409; July 30.
Time recorder. A. E. Long. 2,209,783; July 30.
Time recorder. E. S. Ostler. 2,204,187; June 11.
Time recorder. E. G. Streckfuss. 2,201,355; May 21.
Time recorder system. G. R. Eaton. 2,204,346; June 11.
Time setting attachment for radios. J. H. Campbell. 2,223,245; Nov 26.
Time-stop mechanism, Towel dispensing. R. G. Birr. 2,193,759; Mar. 12.
Time study device. R. M. Richter. 2,204,911; June 18.
Time switch. H. H. Andersen. 2,200,110; May 7.
Time switch. D. G. Cameron. 2,212,386–7; Aug. 20.
Time switch. C. B. Mohr. 2,199,184; Apr. 30.
Time switch, Automatic electric. B. F. Flegel. 2,219,589; Oct. 29.
Time switch, Electrically operated. W. F. Miller. 2,190,603; Feb. 13.
Time system. E. B. Jackson. 2,195,457; Apr. 2.
Timer. H. D. Behr. 2,201,941; May 21.
Timer. R. A. Cochrane. 2,212,930; Aug. 27.
Timer. F. Lux. 2,217,226; Oct. 8.
Timer. H. E. Warren. 2,203,556; June 4.
Timer, Alarm. M. H. Rhodes. 2,194,448; Mar. 19.
Timer circuit, Electronic. A. B. Bereskin. 2,206,446; July 2.
Timer connection block. E. H. Lockwood. 2,224,737; Dec. 10.
Timer for internal combustion hammers. C. L. Charles. 2,216,641; Oct. 1.
Timer for toasters, Mechanical. R. Sardeson. 2,201,456; May 21.
Timer governor. W. G. Schneider. 2,215,301; Sept. 17.
Timer, Ignition. J. L. Arthur. 2,202,077; May 28.
Timer, Mechanical. R. Sardeson. 2,207,946; July 16.
Timer, Resetting. C. A. Ellis. 2,223,207; Nov. 26.
Timer, Spot welding. F. H. Gulliksen. 2,226,375; Dec. 24.
Timer structure. R. Sardeson. 2,207,947; July 16.
Timer, Telemetering and tabulating. R. W. Bumstead. 2,207,715; July 16.
Timing action in loop regulating mechanism, Variable. H. E. Haehnel. 2,220,039; Oct. 29.
Timing apparatus. R. Steeneck. 2,212,961; Aug. 27.
Timing apparatus for electric circuits, Rotary. R. L. Briggs. 2,209,108; July 23.
Timing control mechanism. P. H. Brown and R. M. Carson. 2,194,586–7; Mar. 26.
Timing device. G. F. Gerdts. 2,212,319; Aug. 20.
Timing device. R. W. Goff. 2,217,440; Oct. 8.
Timing device. I. E. McGehee. 2,199,645; May 7.
Timing device. T. R. Spalding. 2,200,586; May 14.
Timing device, Coin controlled. W. N. Woodruff and N. M. Seeburg. 2,198,422; Apr. 23.
Timing device, Electric. C. V. Bates. 2,214,654; Sept. 10.
Timing device for control circuits. J. J. Neuman. 2,220,847; Nov. 5.
Timing device for telephones. B. N. Gottlieb. 2,202,149; May 28.
Timing means. A. J. Allen. 2,188,469; Jan. 30.
Timing mechanism. A. C. Arbogast. 2,185,394; Jan. 2.
Timing mechanism. R. E. McClure. 2,193,254; Mar. 12.
Timing mechanism. J. R. Moore. 2,201,048; May 14.
Timing mechanism. W. E. S. Strong. 2,212,868; Aug. 27.
Timing relay. H. L. Van Valkenburg. 2,203,585; June 4.
Tin and steel from tin plate, Recovering. R. T. Robinson. 2,208,138; July 16.
Tin coating process. C. E. Swartz and D. L. V. Schwartz. 2,215,278; Sept. 17.
Tin or tin plates, Determining the coating weight of. J. S. Buser. 2,206,026; July 2.
Tin plating. H. J. Barrett and C. J. Wernlund. 2,211,251; Aug. 13.
Tints on vegetable fibers, Production of fast. F. Straub and W. Anderau. 2,185,905; Jan. 2.
Tip for cigarettes. C. E. Bluhm. 2,224,588; Dec. 10.
Tip for electric weft detectors. O. V. Payne. 2,220,052; Oct. 29.
Tip for small bases. C. Pfanstiehl and A. R. Devereux. 2,206,615; July 2.
Tips to pen nibs, Attaching. K. K. Ledig. 2,223,730; Dec. 3.
Tire. W. H. Elliott. 2,225,042; Dec. 17.
Tire and making the same, Rubber. H. T. Kraft. 2,213,028; Aug. 27.
Tire and tread construction. C. E. Maynard. 2,207,099; July 9.
Tire and wheel protector. W. A. Nelson. 2,212,166; Aug. 20.
Tire, Antiskid. W. G. Lowry. 2,217,122; Oct. 8.
Tire antiskid device. J. G. Hill. 2,192,226–7; Mar. 5.
Tire beads and the like, Device for reenforcing. S. A. Reed. Re. 21,411; Mar. 26.
Tire chain. F. P. Chaussee. 2,207,971; July 16.
Tire chain. W. F. Helwig. 2,223,824; Dec. 3.
Tire chain. F. B. Hewel. 2,198,478; Apr. 23.
Tire chain. P. J. Nagle and W. J. Englert. 2,224,879; Dec. 17.
Tire chain. W. and F. O. Shepherd. 2,217,498; Oct. 8.
Tire chain. C. E. Smith. 2,215,840; Sept. 24.
Tire chain tool. D. W. Hudson. 2,212,267; Aug. 20.
Tire chain tool. H. W. Porter and F. T. Lind. 2,192,487; Mar. 5.
Tire changer and wheel balancer and tool therefor, Combination. W. J. Bazarek. 2,201,982; May 28.
Tire changing stand. H. F. Seip. 2,213,535; Sept. 3.
Tire changing tool, Illuminated. E. E. Hall. 2,208,883; July 23.
Tire cord demonstration device. H. M. Ruch. 2,217,080; Oct. 8.
Tire cover. C. McCurley and R. E. Hansen. 2,208,593; July 23.
Tire cover. C. W. Ryerson. 2,189,182; Feb. 6.
Tire cover. C. W. Ryerson. 2,219,534; Oct. 29.
Tire deflation indicator. E. J. Hardy and C. Hardy. 2,215,120; Sept. 17.
Tire detector, flat. C. C. Kite. 2,213,782; Sept. 3.
Tire dislodging device, Mechanical. E. W. Oliva. 2,199.162; Apr. 30.
Tire gauge. W. S. Clarkson. 2,190,530; Feb. 13.
Tire groover. O. L. Matchett. 2,214,885; Sept. 17.
Tire grooving apparatus. C. Edinger. 2,225,041; Dec. 17.
Tire indicator. G. E. Guthrie. 2,205,168; June 18.
Tire, Inflatable. O. Welch. 2,190,905; Feb. 20.
Tire inflater. B. E. Shaw. 2,194,129; Mar. 19.
Tire inflation. E. M. Morley. 2,217,288; Oct. 8.
Tire mounting for rotary driers, kilns, and similar equipment. H. W. How. 2,198,820; Apr. 30.
Tire, Multicellular rubber. J. Brunswick 2,185,398; Jan. 2.
Tire, Multiple chamber pneumatic. D. O. McClay. 2,196,814; Apr. 9.
Tire, Nonskid. E. Clark. 2,224,141; Dec. 10.
Tire of the type adapted to be used on automobiles and various vehicles. H. T. Hughes. 2,197,662; Apr. 16.
Tire, Pneumatic. M. Castricum and F. C. Kennedy. 2,188,174; Jan. 23.
Tire, Pneumatic. J. E. Hale. 2,203,617; June 4.
Tire, Pneumatic. L. R. Hollingshead. 2,216,368; Oct. 1.
Tire, Pneumatic. L. Marick. 2,198,483; Apr. 23.
Tire, Pneumatic. C. W. McKone. 2,198,586; Apr. 23.
Tire, Pneumatic. C. H. McRaven. 2,199,466; May 7.
Tire, Pneumatic. A. H. Shoemaker. 2,186,178; Jan. 9.
Tire, Pneumatic. C. M. Sloman and E. S. Ewart. 2,186,180; Jan 9.
Tire, Pneumatic safety. J. P. Crowley. 2,200,916; May 14.

Tire pressure indicator. R. R. Birchfield. 2,218,143; Oct. 15.
Tire pressure indicator for pneumatic wheels. C. J. Brown. 2,213,949; Sept. 10.
Tire pressure indicator switch. H. L. Hull. 2,215,153; Sept. 17.
Tire pressure signal. R. Bridgford, B. A. Tibbits, G. H. Stevens, and C. Diehm. 2,194,735; Mar. 26.
Tire pressure warning device. E. L. Lunde. 2,223,423; Dec. 3.
Tire protecting device. J. Huarte. 2,191,392; Feb. 20.
Tire-removing and compressing apparatus. S. S. Bonneau. 2,212,768; Aug. 27.
Tire retreading machine. W. G. and V. Rawls. 2,186,882; Jan. 9.
Tire spreader. J. P. Lambert. 2,223,915; Dec. 3.
Tire stand. E. E. George. 2,193,169; Mar. 12.
Tire structure, Pneumatic. H. P. Schrank. 2,225,595; Dec. 17.
Tire switch, Pneumatic. H. Hicks. 2,188,112; Jan. 23.
Tire testing machine. C. P. Moos. 2,192,363; Mar. 5.
Tire tightening assembly, Wagon. N. Obritschkewitsch. 2,209,843; July 30.
Tire tool. E. A. Ewell. 2,226,757; Dec. 31.
Tire tool. R. G. Glover. 2,212,059; Aug. 20.
Tire tool. T. F. Schneider. 2,207,443; July 9.
Tire tool. F. E. Schultz. 2,189,683; Feb. 6.
Tire tool. E. F. Smith. 2,217,139; Oct. 8.
Tire tool. J. L. Speer. 2,188,236; Jan. 23.
Tire tool. J. J. Tilson. 2,188,211; Jan. 23.
Tire track, Nonskid. C. H. Godschall. 2,225,828; Dec. 24.
Tire tread. C. E. Maynard. 2,207,101; July 9.
Tire tread and making the same. H. T. Kraft. 2,221,642; Nov. 12.
Tire tread, Making. C. E. Maynard. 2,207,098; July 9.
Tire tread, Making. C. E. Maynard. 2,207,100; July 9.
Tire treads, Making vehicle. H. T. Kraft. 2,201,668; May 21.
Tire valve, Pneumatic. J. H. Rhodes. 2,218,008; Oct. 15.
Tire, Vehicle. M. J. Gamboa. 2,208,670; July 23.
Tires, Forming pneumatic. G. C. Berryman. 2,204,468; June 11.
Tires, Making. D. A. Macdonald and C. M. O'Donohoe. 2,208,767; July 23.
Tires, Nonskid device for. G. D. Storrs. 2,192,419; Mar. 5.
Tires, Utilization of discarded. F. Wolf. 2,199,845; May 7.
Tissue dispenser, Interfolded. W. H. West. 2,195,437; Apr. 2.
Tissue packet. C. A. Fourness and K. J. Harwood. 2,195,622; Apr. 2.
Tissues or other matters, Multicolor plate printing. J. B. Dufour. 2,226,163; Dec. 24.
Titanates, Producing insoluble. J. H. Peterson. 2,218,655; Oct. 22.
Titanium alcoholates and phenolates, Preparation of. J. Nelles. 2,187,821; Jan. 23.
Titanium and alloys thereof, Manufacturing. W. Kroll. 2,205,854; June 25.
Titanium dioxide pigment and printing ink containing the same. F. Raspe and R. W. Anerum. 2,224,987; Dec. 17.
Titanium dioxide pigments, Manufacture of. F. L. Kingsbury and C. L. Schmidt. 2,211,828; Aug. 20.
Titanium oxide pigment and producing same. J. A. Geddes. 2,219,129; Oct. 22.
Titanium oxide suspensions. I. J. Krchma. 2,220,966; Nov. 12.
Titanium pigment and producing the same. M. L. Hanahan and R. M. McKinney. 2,212,935; Aug. 27.
Titanium pigment production. A. M. Erskine. 2,218,704; Oct. 22.
Titanium pigments, Treating. W. H. Madson and W. H. Daiger. 2,216,536; Oct. 1.
Titanium tetrachloride, Decolorizing. A. Pechukas. 2,207,597; July 9.
Titanium tetrachloride, Decolorizing. A. Pechukas. 2,224,061; Dec. 3.
Toaster. F. J. Cullomer and V. Emanuel. 2,193,582; Mar. 12.
Toaster. W. M. Filben. 2,223,486; Dec. 3.
Toaster. H. L. Newell. 2,217,450; Oct. 8.
Toaster. W. A. Pentecost. 2,188,309; Jan. 30.
Toaster and control mechanism therefor. O. V. Malmquist and F. J. Fischer. 2,194,859; Mar. 26.
Toaster and the like. L. J. Koci. 2,197,221; Apr. 16.
Toaster, Automatic. H. M. Biebel. 2,196,380; Apr. 9.
Toaster, Automatic. M. Ireland. 2,196,393–4; Apr. 9.
Toaster, Electric. W. M. Anderson. 2,195,637–8; Apr. 2.
Toaster, Electric. J. J. Gough. 2,194,223; Mar. 19.
Toaster, Electric. G. Lavenburg. 2,193,972; Mar. 19.
Toaster, Electric. J. L. Merrill. 2,224,483; Dec. 10.
Toaster or grill. A. L. Flamm. 2,209,677; July 30.
Toaster with removable heating element, Electric. E. J. Ricard. 2,206,675; July 2.
Toasting apparatus. C. W. Malmquist. Re. 21,333; Jan. 23.
Toasting apparatus. L. Neuberger. 2,207,264; July 9.
Toasting machine. W. A. Graham. Re. 21,336; Jan. 30.
Tobacco and the like, Curing. R. E. Mayo. 2,223,696; Dec. 3.
Tobacco curing apparatus. J. R. Henderson. 2,216,075; Sept. 24.
Tobacco, Degumming. J. M. Baer. 2,220,072; Nov. 5.
Tobacco drying and curing means. W. B. Dowless. 2,223,301; Nov. 26.
Tobacco feeding mechanism for cigarette making machines. J. Shackleton. 2,199,579; May 7.
Tobacco feeding mechanism of cigarette making machines. G. Dearsley. 2,214,044; Sept. 10.
Tobacco for stemming, Moistening. J. M. Baer. 2,217,934; Oct. 15.
Tobacco harvesting implement. A. C. Bedwell. 2,213,268; Sept. 3.
Tobacco, Improving. H. Baier and P. Langenkamp. 2,223,053; Nov. 26.
Tobacco in hogsheads, Treating. J. M. Baer. 2,196,183; Apr. 9.
Tobacco leaves, Device to straighten out raw. O. E. Eissmann. 2,192,518; Mar. 5.
Tobacco manipulating machine. F. F. Ruau. 2,209,139; July 23.
Tobacco manipulating machine. F. F. Ruau. 2,223,498; Dec. 3.
Tobacco mass, Device for disintegrating and separating. E. R. Dahlström and C. G. B. Rothelius. 2,208,896; July 23.
Tobacco, Method and apparatus for conditioning. R. D. Touton. 2,204,240; June 11.
Tobacco mixing and distributing device. V. Heidelberg. 2,190,785; Feb. 20.
Tobacco, Packing leaf. J. Rosenberg. 2,199,114; Apr. 30.
Tobacco pipe. C. D. Daymude. 2,206,165; July 2.
Tobacco pipe. L. Goldvogel and G. St. John. 2,188,712; Jan. 30.
Tobacco pipe. A. R. Hellfritzsch, Sr. 2,222,948; Nov. 26.
Tobacco pipe. W. D. Hensley. 2,191,014; Feb. 20.
Tobacco pipe. W. W. Hesson. 2,188,751; Jan. 30.
Tobacco pipe. H. Howell. 2,204,311; June 11.
Tobacco pipe. F. Hudes. 2,200,393; May 14.
Tobacco pipe. K. F. J. Kirsten. 2,200,236–7; May 7.
Tobacco pipe. G. Manley. 2,211,572; Aug. 13.
Tobacco pipe. L. L. Martin. 2,227,358; Dec. 31.
Tobacco pipe. J. Pedery. 2,204,282; June 11.
Tobacco pipe. O. C. Semonsen. 2,209,794; July 30.
Tobacco pipe. H. Taylor. 2,216,303; Oct. 1.
Tobacco pipe. B. H. Tyler. 2,187,288; Jan. 16.
Tobacco pipe. E. W. Wisch. 2,209,671; July 30.
Tobacco, Preparing shredded. M. Patterson. 2,188,307; Jan. 30;
Tobacco seeding machine. L. O. Scott. 2,216,423; Oct. 1.
Tobacco, Smoking. R. L. Swain. 2,207,644; July 9.
Tobacco smoking pipe. A. S. Toro. 2,192,781; Mar. 5.
Tobacco spreading means for cigarette forming machines. C. W. Müller. 2,195,780; Apr. 2.
Tobacco to cigarette making machines, Feeding of. J. Shackleton. 2,211,172; Aug. 13.
Tobacco transferring machine. P. J. Herrmann. 2,224,294; Dec. 10.
Tobacco, Treating. T. E. Booth. 2,217,936; Oct. 15.
Tobacco, Treating. J. C. McCorkhill. 2,217,931; Oct. 15.
Tobacco, Treating. A. Viscardi. 2,198,188; Apr. 23.
Tobacco, Treatment of. J. C. McCorkhill. 2,217,932; Oct. 15.
Tobacco treatment process. H. L. Smith, Jr., and L. N. Jones. 2,217,935; Oct. 15.
Toboggan. J. J. Wanat. 2,187,437; Jan. 16.
Toe pad. T. V. Poole. 2,210,304; Aug. 6.
Toe-trimming machine. W. T. B. Roberts. 2,199,512; May 7.
Toggle head and bolt. E. Sayen and C. R. Webb. 2,224,023; Dec. 3.
Toggle link. N. Lester. 2,186,030; Jan. 9.
Toilet accessory. R. S. Carter. 2,214,323; Sept. 10.
Toilet accessory. P. S. Hauton. 2,214,329; Sept. 10.
Toilet, Animal. S. H. Kramer. 2,204,416; June 11.
Toilet apparatus, Vibrating. P. E. Erickson. 2,187,076; Jan. 16.
Toilet appliance. C. G. Myers and W. Ilgenfritz. 2,221,991; Nov. 19.
Toilet article. O. V. Makela. 2,209,128; July 23.
Toilet article construction. R. H. Potts. 2,190,677; Feb. 20.
Toilet article retainer. L. Straus. 2,200,046; May 7.
Toilet box. J. Davis. 2,212,340; Aug. 20.
Toilet, Chemical. M. B. Houck and J. R. Harris. 2,224,868; Dec. 17.
Toilet device. I. Florman. 2,224,259; Dec. 10.
Toilet device. C. D. Stevens. 2,192,335; Mar. 5.
Toilet flushing apparatus. T. J. Dunn. 2,190,773; Feb. 20.
Toilet package. A. Robinson. 2,214,510; Sept. 10.
Toilet paper roll cabinet. R. W. Johnson. 2,211,210; Aug. 13.
Toilet seat. J. Corser. 2,185,499; Jan. 2.
Toilet seat. F. J. Moore. 2,202,669; May 28.
Toilet seat. F. J. Moore. 2,223,526; Dec. 3.
Toilet seat. A. Schwartz. 2,223,229; Nov. 26.
Toilet seat cover dispenser. W. G. Lemmon and A Stowers. 2,187,352; Jan. 16.
Toilet seat, Infant's folding. W. C. Baxter. 2,203,076; June 4.
Toilet seat, Sanitary. E. N. Cook. 2,204,100; June 11.

Toilet tissue holder. M. W. Reese. 2,215,053; Sept. 17.
Toilet venting device. P. H. Stebbing and L. L. Wallace. 2,203,111; June 4.
Token book. C. L. MacLeod. 2,227,191; Dec. 31.
Token delivery device, Electric. B. E. Mills. 2,208,515; July 16.
Tombstones, Making. D. F. Cook. 2,210,281; Aug. 6.
Tone arm. R. Dally. 2,187,772; Jan. 23.
Tone arm. R. Dally. 2,222,552; Nov. 19.
Tone arm pickup. P. W. Olson. 2,191,026; Feb. 20.
Tone arm support assembly for phonographs. T. M. Wright. 2,216,029; Sept. 24.
Tone arm trip mechanism for phonographs. O. A. Hokanson. 2,211,423; Aug. 13.
Tone control. K. Eisele. 2,217,267; Oct. 8.
Tone control. G. W. Fyler. 2,225,337; Dec. 17.
Tone control system. R. C. Ballard. 2,192,959; Mar. 12.
Tone enhancing and reinforcing bar for stringed musical instruments, Vibratory. L. Kapelman. 2,202,208; May 28.
Tone modifier device for electrical musical instruments. A. W. Wells. 2,205,804; June 25.
Tone volume control device for chime signals, Adjustable. J. H. Wheelock and F. Scherma. 2,223,144; Nov. 26.
Tong, Pipe. D. Cole. 2,224,142; Dec. 10.
Tongs. J. Beletic. 2,199,300; Apr. 30.
Tongs. R. J. Harry. 2,219,479; Oct. 29.
Tongs. O. H. P. Henry. 2,201,727; May 21.
Tongs and the like, Paper and trash picker. W. H. Moore. 2,191,858; Feb. 27.
Tongs, Baby's nipple. P. R. Knapp. 2,196,441; Apr. 9.
Tongs, Culinary. M. S. Jacobson. 2,219,558; Oct. 29.
Tongs for game pieces. H. D. Dodd, E. M. Anderson, and T. C. Parker. 2,207,315; July 9.
Tongs, Lifting. O. T. Durant. 2,210,904; Aug. 13.
Tongs, Pipe. C. C. Matlock. 2,209,988; Aug. 6.
Tongs, Pipe. L. E. Vaughn. Re. 21,354; Feb. 13.
Tongs, Welding electrode. L. Del Bene. 2,213,306; Sept. 3.
Tongue protector device. R. J. Gunderson. 2,189,141; Feb. 6.
Tongue throw for implement carts. F. Zuger. 2,222,827; Nov. 26.
Tonnage control device with indicator. W. Ernst. 2,224,957; Dec. 17.
Tonochromatic system and film. F. G. Yanes. 2,211,806; Aug. 20.
Tonsillotome. J. T. Moore. 2,197,055; Apr. 16.
Tonsillotome. J. T. Moore. 2,227,270; Dec. 31.

Tool: *See*—
- Abrading tool.
- Abrading or polishing tool.
- Air tool.
- Applicator tool.
- Armature recutting tool.
- Article handling tool.
- Automobile repair tool.
- Automotive tool.
- Belt preparing tool.
- Bibb seating tool.
- Boring or drilling tool.
- Boring-routing tool.
- Boring tool.
- Box closing tool.
- Box strapping tool.
- Buffing tool.
- Bullnose forming tool.
- Cable tool.
- Carding tool.
- Carpenter's wrecking tool.
- Chamfering tool.
- Circumorbital cutting tool.
- Cleaning tool.
- Clean-out tool.
- Closing tool.
- Cloth erasing tool.
- Coal mining tool.
- Combination tool.
- Compound tool.
- Cotter pin removing tool.
- Counterboring tool.
- Crack filling tool.
- Crankpin turning tool.
- Culinary hand tool.
- Cultivating tool.
- Cutting tool.
- Cylinder wall reboring tool.
- Deep well tool.
- Directional well drilling tool.
- Door opening tool.
- Drill pipe orienting tool.
- Drilling tool.
- Electrician's tool.
- Expander tool.
- Fender tool.
- Fishing tool.
- Flaring tool.
- Fluid actuated tool.
- Forming tool.
- Front sight tightening tool.
- Fuse crimping tool.
- Gauge, level, and aligning tool.
- Gauge tool.
- Glass working tool.
- Grinding tool.
- Grinding wheel tool
- Gripping tool.
- Grooving tool.
- Hand abrading tool.
- Hand tool.
- Handling tool.
- High speed tool.
- Hog ring clinching tool.
- Honing tool.
- Hydraulic machine tool.
- Impact tool.
- Industrial cutting tool.
- Inserted blade cutter tool.
- Inserting tool.
- Jarring tool.
- Kitchen tool.
- Lawn tool.
- Lasting tool.
- Lens mounting tool.
- Lifting tool.
- Loggers' tool.
- Machine tool.
- Machining tool.
- Marking or setting out tool.
- Metal cutting tool.
- Metal forming tool.
- Metal shearing tool.
- Milling tool.
- Miter and framing tool.
- Mower sharpening tool.
- Multiple-operation tool.
- Multipurpose tool.
- Net mending tool.
- Nipple extractor or puller tool.
- Nonskid device mounting tool.
- Offset drilling tool.
- Oil well fishing tool.
- Orthodontic adjusting tool.
- Packing extracting tool.
- Paraffin cutting and scraping tool.
- Paring and coring tool.
- Parting tool.
- Percussion tool.
- Percussive tool.
- Picking tool.
- Pickup tool.
- Pipe cutting tool.
- Pipe nipple and coupling applying and removing tool.
- Pipe working tool.
- Piston adjusting tool.
- Piston expanding tool.
- Portable tool.
- Power driven tool.
- Power tool.
- Pressure fluid operated tool.
- Punch press tool.
- Puttying tool.
- Reaming tool.
- Reciprocating tool.
- Redressing tool.
- Reseating tool.
- Retrieving tool.
- Rifling tool.
- Rivet setting and removing tool.
- Riveting tool.
- Rolling tool.
- Rotary cutting tool.
- Rotary drilling tool.
- Rotary surfacing tool.
- Safety cleaning tool.
- Scraping and cutting tool.
- Sealing tool.
- Seating tool.
- Setting tool.
- Shaving and clipping tool.
- Shearing tool.
- Shoemaker's tool.
- Spark-plug tool.
- Split-washer-removing tool.
- Strap cutting tool.
- Strap tensioning tool.
- Stretching tool.
- Surface cleaning tool.
- Swab and washing tool.
- Sweeper floor tool.
- Tappet adjusting tool.
- Tappet tool.
- Tensioning tool.
- Threading tool.
- Tie-wire tool.
- Tillage tool.
- Tire chain tool.
- Tire tool.
- Transplanting tool.
- Tube chamfering tool.
- Tube flanging tool.
- Tube sanding tool.
- Valve refacing tool.
- Valve removing tool.
- Valve spring tool.
- Vegetable slicing and stringing tool.
- Watchmaker's poising tool.
- Water pickup tool.
- Well cleaning tool.
- Well driving and boring tool.
- Well testing tool.
- Wheel and tire replacing tool.
- Wheel manipulating tool.
- Wire line shooting tool.
- Wire working tool.
- Wood carving tool.
- Wood splitting tool.

Tool. C. J. Briefer. 2,209,186; July 23.
Tool. T. E. Brinton. 2,202,895; June 4.
Tool. C. E. Carroll. 2,194,494; Mar. 26.
Tool. T. B. Darst. 2,193,901; Mar. 19.
Tool. E. H. Fawley. 2,204,303; June 11.
Tool. G. H. Gilman. 2,209,079; July 23.
Tool. H. W. Larson. 2,217,486; Oct. 8.
Tool. W. J. Parsons. 2,224,195; Dec. 10.
Tool. P. B. Roisum. 2,194,234; Mar. 19.
Tool. L. A. Slaughterback. 2,198,953; Apr. 30.
Tool. F. Stone. 2,189,452; Feb. 6.
Tool. R. Temple, Jr. 2,213,435; Sept. 3.
Tool. H. G. Vaughn. 2,213,971; Sept. 10.
Tool and anchorage means therefor, Cutting. E. Hassig. 2,227,085; Dec. 31.
Tool and controlling same, Machine. R. V. Bromley. 2,225,409; Dec. 17.
Tool and making the same. F. F. Mooney. 2,218,069; Oct. 15.
Tool and tackle box. O. G. Bauman. 2,203,008; June 4.
Tool and work blank in a reproducing machine, Relatively positioning a. E. J. Cook. 2,206,942; July 9.
Tool assembly, Multiple wedging. H. M. Sheridan. 2,206,293; July 2.
Tool center. W. Roterberg. 2,193,042; Mar. 12.
Tool chuck, Safety. E. N. Slavik. 2,215,621; Sept. 24.
Tool construction, Machine. H. W. Fox and H. D. Corwin. 2,218,984; Oct. 22.
Tool control mechanism, Machine. H. Ernst. 2,216,550; Oct. 1.
Tool dressing apparatus for bevel gear generating machines. H. Schicht. 2,188,016; Jan. 23.
Tool element. R. Kieffer. 2,191,666; Feb. 27.
Tool-feeding mechanism. P. S. Claus. 2,207,340; July 9.
Tool fixture, Machine. J. F. McMenamin. 2,205,799; June 25.
Tool for applying hose clamp. M. J. McAneny, Jr. 2,208,134; July 16.
Tool for applying hose clamps. C. Campbell. 2,208,114; July 16.
Tool for applying seal caps. J. W. Shera. 2,209,851; July 30.
Tool for boring and like operations, Rotary. W. J. Guild. 2,224,386; Dec. 10.
Tool for cleaning and dressing fish. A. Lovgren. 2,203,169; June 4.
Tool for connecting service and main lines. J. Blackburn. 2,220,314; Nov. 5.
Tool for cutting gears. G. O. Richmond. 2,216,628; Oct. 1.
Tool for fixing hose unions. J. Berger and R. Kaiser. 2,226,702; Dec. 31.
Tool for flaring tubes. H. E. Maupin. 2,221,228; Nov. 12.
Tool for handling fluids in wells. C. E. Costello. 2,214,121; Sept. 10.
Tool for inserting or removing corporation stops. D. Armstrong. 2,212,972; Aug. 27.
Tool for machining tapered bores. J. E. Kline. 2,200,506; May 14.
Tool for manipulating head lamp lenses. O. G. Hildebrand. 2,193,097; Mar. 12.
Tool for oil wells or the like, Fluid taking. S. A. Mullins. 2,201,447; May 21.
Tool for performing abrading or polishing operations. H. B. Miller. 2,225,073; Dec. 17.

Tool for plaster casts, Cutting. L. R. Bailey. 2,221,565; Nov. 12.
Tool for plate shears, Cutting. K. G. Östberg. 2,207,872; July 16.
Tool for removal of old putty, Power. R. J. Demers. 2,197,207; Apr. 16.
Tool for sectional skid chains, Attaching. C. Fischer. 2,216,469; Oct. 1.
Tool for several measuring ranges, Change-over torque measuring. K. Wolfram. 2,205,510; June 25.
Tool for splicing and tightening barbed wire. G. D. Regas. 2,203,238; June 4.
Tool for straightening well bores. J. C. Wright. 2,197,991; Apr. 23.
Tool for tendering meat and for like purposes. W. B. Piper and H. G. Kuhns. 2,197,650; Apr. 16.
Tool for tightening and buckling belts and straps. S. H. Haskell. 2,220,649; Nov. 5.
Tool for use in assembling and disassembling the siphons of drier drums. H. G. Cram. 2,224,857; Dec. 17.
Tool for use with vacuum cleaners, Dusting. C. A. Brock and E. P. Du Bois. 2,206,738; July 2.
Tool for wallpaper, Trimming guide. R. Amorosi. 2,226,796; Dec. 31.
Tool for wells, Fishing. W. W. Gipson, F. N. Fossati, and R. H. Long. 2,218,131; Oct. 15.
Tool for wells, Take-off. J. G. Phillips. 2,218,496; Oct. 15.
Tool for wells, Testing. H. E. Dripps and H. Rauser. 2,189,103; Feb. 6.
Tool grinding fixture. J. J. Harten. 2,200,883; May 14.
Tool guide. S. Doniger. 2,208,412; July 16.
Tool guide. V. E. Kuster. 2,195,871; Apr. 2.
Tool guide for boring machines. F. P. Healy. 2,196,827; Apr. 9.
Tool handle. A. P. Albrecht. 2,187,192; Jan. 16.
Tool handle. J. J. Downes. 2,192,399; Mar. 5.
Tool handle. L. E. Yeoman. 2,211,682; Aug. 13.
Tool handle, Detachable. M. Plön. 2,202,863; June 4.
Tool handle fastener. R. Jackson. 2,206,255; July 2.
Tool head and handle, Pipe cleaning. F. McAllister. 2,198,783; Apr. 30.
Tool head locking device. H. A. Zeckendorf. 2,204,643; June 18.
Tool holder. N. P. Darash. 2,211,596; Aug. 13.
Tool holder. H. J. Fausnaugh. 2,205,879; June 25.
Tool holder. J. G. Kolb. 2,220,248; Nov. 5.
Tool holder. J. M. Luers. 2,223,831; Dec. 3.
Tool holder. C. W. Roser. 2,217,350; Oct. 8.
Tool holder. O. Severson. 2,188,742; Jan. 30.
Toolholder. T. S. Shaw. 2,207,359; July 9.
Tool holder. S. Speckert. 2,210,605; Aug. 6.
Toolholder. G. A. Walker. 2,225,327; Dec. 17.
Tool holder assembly. W. F. Ross. 2,219,907; Oct. 29.
Tool holder, Floating. H. A. Osborne. 2,188,205; Jan. 23.
Tool-holding means. J. T. Hiscock. 2,205,955; June 25.
Tool joint control for blowout preventers. J. S. Abercrombie. 2,188,141; Jan. 23.
Tool joint for drill stems. W. V. Bowles. 2,199,738; May 7.
Tool joint, Leakless right and left. A. Boynton. 2,206,873; July 9.
Tool joint pin. S. A. Linney. 2,210,815; Aug. 6.
Tool joint, Safety. H. E. Grau. 2,204,586; June 18.
Tool, Machine. M. E. Lange and J. J. N. Van Hamersveld. Re. 21,343; Feb. 6.
Tool operating device and flexible cable therefor. R. Schmid and W. Wezel. 2,210,733; Aug. 6.
Tool or knife, Cutting. R. R. Ward. 2,222,328; Nov. 19.
Tool or the like, Well. L. H. Kirkpatrick. 2,187,037; Jan. 16.
Tool post construction. W. C. Bredenbeck. 2,188,198; Jan. 23.
Tool power plant, Sewer cleaning. W. D. Osborn. 2,225,129; Dec. 17.
Tool puller. E. G. Simmons. 2,196,366; Apr. 9.
Tool-receiving handle. B. M. Hiatt. 2,202,253; May 28.
Tool retainer. F. P. Forss. 2,201,485; May 21.
Tool spinner, Oil. G. R. Pothe. 2,208,388; July 16.
Tool support. A. J. Miller. 2,200,799; May 14.
Tool suspension. W. W. Nash. 2,212,695–6; Aug. 27.
Tool transmission and control, Machine. F. A. Parsons. 2,202,263; May 28.
Tool transmission and control, Machine. F. A. Parsons. 2,203,743; June 11.
Tool transmission and control, Machine. W. M. Pohl and J. B. Armitage. Re. 21,434; Apr. 23.
Tool transmission and control mechanism, Machine. J. B. Armitage. 2,198,102; Apr. 23.
Tool useful for removing objects from wells. C. E. Costello. 2,190,442; Feb. 13.
Tooling device for using sized gold and other decorative leaf, Hand. A. Sternberg. 2,192,717; Mar. 5.
Tools, Device for dressing grinding. K. Tessky. 2,225,489; Dec. 17.
Tools for machining profiled workpieces, Automatic machine. V. Vikhman. 2,226,677; Dec. 31.
Tools, Hand piece for power driven. J. Hyde. 2,199,726; May 7.
Tools, Making diamond. J. L. Petrie. 2,210,039; Aug. 6.
Tools, Producing cutting. W. Dawihl and K. Schröter. 2,224,595; Dec. 10.
Tools, Reclaiming broach. E. J. Lapointe. 2,199,343; Apr. 30.
Tools, Reproducing form. F. F. Gilmore and F. W. Kotler. 2,226,608; Dec. 31.
Tooth and crown of tooth, Artificial. J. Glück. 2,194,790; Mar. 26.
Tooth and installation of same, Artificial. F. C. Morrison. 2,210,424; Aug. 6.
Tooth and making same, Artificial. S. Myerson. 2,213,963; Sept. 10.
Tooth, Artificial. J. B. La Due and J. A. Saffir. 2,195,370; Mar. 26.
Tooth, Artificial. S. Myerson. 2,202,712–13; May 28.
Tooth, Artificial. S. Myerson. 2,213,964; Sept. 10.
Tooth, Artificial. A. Werkenthin. 2,216,425; Oct. 1.
Tooth brush. W. E. Behring. 2,188,217; Jan. 23.
Toothbrush. S. D. Burkinshaw. 2,186,520; Jan. 9.
Tooth brush. G. L. Casto. 2,186,005; Jan. 9.
Toothbrush. E. A. McManis and W. S. Uhler. 2,199,922; May 7.
Toothbrush. A. Y. Russell. 2,209,173; July 23.
Toothbrush. T. W. Seguin. 2,219,753; Oct. 29.
Toothbrush. R. C. Sweatt. 2,221,363; Nov. 12.
Toothbrush and tooth cleanser service package, Individual. T. P. Darmody. 2,223,952; Dec. 3.
Toothbrush, Electric. T. I. Moseley. 2,196,667; Apr. 9.
Toothbrush, Fountain. L. R. Hill and A. G. Summer. 2,226,663; Dec. 31.
Toothbrush handle. H. E. Gregg. 2,226,814; Dec. 31.
Tooth brush head. I. Pensky. 2,185,867; Jan. 2.
Toothbrush holder cabinet. M. J. Hanni. 2,209,269; July 23.
Tooth brush, Mechanically operated. T. Seifried. 2,189,408; Feb. 6.
Toothbrush, Motor driven. N. Elmore. 2,215,031; Sept. 17.
Toothbrush, Pocket folding. F. Smith. 2,216,026; Sept. 24.
Toothbrush, Rotary. A. F. Pruner. 2,220,053; Oct. 29.
Tooth brush, Rotary. W. E. Scott. 2,185,229; Jan. 2.
Tooth brush, Rotating. A. H. Flournoy. 2,189,891; Feb. 13.
Toothbrush, Rubber. R. L. Lasater. 2,206,726; July 2.
Toothbrush, Rubber bristled. C. M. Campbell. 2,225,331; Dec. 17.
Tooth brush supporting device for tooth massaging apparatus. P. E. Erickson. 2,187,077; Jan. 16.
Toothbrush with brush head made in three parts. A. A. Deutsch. 2,214,407; Sept. 10.
Tooth cleaning device, Motor driven. C. L. Smith. 2,226,145; Dec. 24.
Tooth curve for rotors and gears. M. F. Hill. Re. 21,316; Jan. 9.
Tooth, Detachable scarifier. C. A. Gustafson. 2,222,071; Nov. 19.
Tooth filling material. E. Elod. 2,208,967; July 23.
Tooth gear, Flexible. L. L. Kitchens. 2,212,692; Aug. 27.
Tooth paste dispenser. R. Isidore and W. D. Faltz. 2,203,629; June 4.
Tooth paste dispenser. L. Moricich. 2,218,290; Oct. 15.
Toothpick dispenser. C. Anderson. 2,203,765; June 11.
Toothpick dispenser. E. Ballard. 2,197,234; Apr. 16.
Toothpick dispenser. A. A. Ivanoff. 2,212,268; Aug. 20.
Toothpick dispenser. J. Manfredi. 2,191,573; Feb. 27.
Toothpick dispenser, Sanitary. N. Surdenik. 2,188,304; Jan. 30.
Toothpick dispenser, Sanitary. C. A. Witt. 2,207,528; July 9.
Toothpick dispensing device. J. Monzroll. 2,200,398; June 11.
Tooth powder. R. F. Heald and R. J. Mehaffey. 2,196,150; Apr. 2.
Tooth, Replaceable point excavating. L. E. Younie. 2,204,718; June 18.
Top and spinner therefor. J. Casali and S. Ventura. 2,206,940; July 9.
Top clearer. C. Callas. 2,224,778; Dec. 10.
Top, Collapsible. A. Keller. 2,213,222; Sept. 3.
Top for desks and the like, Covered J. R. Jones. 2,186,530; Jan. 9.
Top latching mechanism, Sliding. J. H. Wernig and G. Chutorash. 2,201,330; May 21.
Top lift attachment. J. V. Critchley. Re. 21,430; Apr. 23.
Top lift slab, Making a. W. Wood, Jr. 2,199,811; May 7.
Top, Measuring. C. R. Bennett. 2,209,954; Aug. 6.
Top sealing machine. C. F. Richard. 2,206,203; July 2.
Top, Sliding. H. D. Solomon and F. Humer. 2,203,931; May 14.
Top spinning device. E. B. Thigpen. 2,188,824; Jan. 30.
Top stop for separable fasteners, Locking. D. Marinsky. 2,188,678; Jan. 30.
Topper. J. B. Powers and S. W. McBirney. 2,212,751; Aug. 27.
Topper, Beet. A. W. Jensen. 2,219,420; Oct. 29.
2,193,827; Mar. 19.
Topping. G. H. Dietrich, A. Verbeek, and E. Eissner.
Topography of ocean bed, Method and apparatus for determining. C. S. Lawton. 2,194,947; Mar. 26.
Torch. A. J. and I. F. Fausek. 2,190,356; Feb. 13.

Torch. R. M. Shearman and L. Zavitz. 2,217,970; Oct. 15.
Torch, Blow. D. A. Lenk. 2,186,760; Jan. 9.
Torch carriage, Variable-speed. J. J. Crowe. 2,208,211–12; July 16.
Torch, Flame hardening. G. L. Walker. 2,188,637; Jan. 30.
Torch, Flare. R. Kovac. 2,190,928; Feb. 20.
Torch head, Cutting. R. E. Walsh. 2,188,069; Jan. 23.
Torch, Self-advancing autogenous. E. Becker. 2,185,781; Jan. 2.
Torch tips, Making. E. H. Smith. 2,215,019; Sept. 17.
Torch, Under water cutting. J. L. Swafford. 2,210,640; Aug. 6.
Torch, Welding. A. H. Cain. 2,207,655; July 9.
Toric article and making the same, Inflatable. W. H. Trexler. 2,206,438; July 2.
Torpedo. R. A. Hunter. 2,189,398; Feb. 6.
Torpedo lowering hook. W. Y. Bleakley and W. A. Schillinger. 2,213,686; Sept. 3.
Torpedo, Railway. H. E. Sherman. 2,207,207; July 9.
Torpedo, Railway track. G. B. Jackson. 2,205,293; June 18.
Torpedo, Track. L. A. Sherman. 2,222,340; Nov. 19.
Torque amplifier for dancer field rheostats. C. W. Drake. 2,214,609; Sept. 10.
Torque balancing mechanism. C. E. Kenney. 2,216,013; Sept. 24.
Torque converter. A. D. Robbins. 2,186,556; Jan. 9.
Torque converter. E. A. Stalker. 2,223,745; Dec. 3.
Torque converter and clutch, Turbine. J. Jandasek. 2,205,794; June 25.
Torque converter, Hydraulic. A. Y. Dodge. 2,190,830; Feb. 20.
Torque converter with two couplings. D. Gössler. 2,213,342; Sept. 3.
Torque converting device, Power transmission. H. J. Murray. 2,208,224; July 16.
Torque coupling. G. L. Williams. 2,196,716; Apr. 9.
Torque drive for washing machine agitators. C. K. Woodin. 2,218,275; Oct. 15.
Torque, Fluted drive. J. Mikulasek. 2,202,667; Mar. 28.
Torque indicating wrench. W. C. Kress. 2,201,234; May 21.
Torque indicating wrench. W. H. Montgomery. 2,196,223; Apr. 9.
Torque indicator, Mechanical. J. H. Naden. 2,219,632; Oct. 29.
Torque measuring wrench. B. Pepperdine. 2,191,725; Feb. 27.
Torque measuring wrench. H. W. Zimmerman. 2,190,966–7; Feb. 20.
Torque measuring wrench. H. W. Zimmerman. 2,199,553; May 7.
Torque measuring wrench. H. W. Zimmerman. 2,206,315; July 2.
Torque measuring wrench. H. W. Zimmerman. 2,211,401; Aug. 13.
Torque multiplying device. J. O. Gette, Jr. 2,196,585; Apr. 9.
Torque release device for four-wheel drives. K. D. Kysor. 2,185,636; Jan. 2.
Torque, Tapered lug. C. K. Woodin. 2,202,679; May 28.
Torque transmission, Hydraulic. F. A. M. Heppner. 2,216,411; Oct. 1.
Torque transmission system, Hydraulic. W. E. Habig and P. L. S. Lum. 2,198,965; Apr. 30.
Torques acting on control surfaces, Balancing the. H. Wagner and P. von Doepp. 2,211,870; Aug. 20.
Torsiograph, Optical. G. J. Dashefsky. 2,219,298; Oct. 29.
Torsionmeter. S. L. de Bruin. 2,217,539; Oct. 8.
Torsion rod mounting. A. F. Hickman. 2,213,004; Aug. 27.
Torsion suspension. E. H. Piron. 2,216,455; Oct. 1.
Torsional movements, Method of and an apparatus for measuring. H. J. Schrader. 2,193,079; Mar. 12.
Totalizer for calculating machines and cash registers with carrying mechanism. B. Beria. 2,197,291; Apr. 16.
Totalizer selecting means, Multiple. H. Neureiter and A. Klaar. 2,192,164; Feb. 27.
Totalizer system. H. L. Hirschler, F. A. Crooks, and F. K. R. Richter. 2,194,305; Mar. 19.
Totalizing device. H. J. Mumma. 2,213,346; Sept. 3.
Totalizing mechanism for voting apparatus. C. F. Thompson. 2,203,707; June 11.
Toughness, Determining. W. F. Christel. 2,227,216; Dec. 31.
Tourniquet applicable for the determination of blood pressure, Registering. E. J. La Liberte. 2,199,408; May 7.
Tow bar. E. E. Divelbiss. 2,223,677; Dec. 3.
Towing reach for automobiles. J. Fried. 2,189,393; Feb. 6.
Towel cabinet. R. P. F. De Bersaques. 2,200,823; May 14.
Towel cabinet. L. M. Harvey. 2,190,100–01; Feb. 13.
Towel cabinet. L. M. Harvey. 2,224,572; Dec. 10.
Towel cabinet. J. C. Jensen. 2,195,727; Apr. 2.
Towel dispenser. J. C. Perrin. 2,198,176; Apr. 23.
Towel dispenser with indicating towel. L. L. Price and M. E. Maltby. 2,215,052; Sept. 17.
Towel dispensing apparatus. R. C. Kettles, Jr. 2,188,660; Jan. 30.
Towel dispensing time-stop mechanism. R. G. Birr. 2,215,953; Sept. 24.
Towel selvage construction. C. N. Wallace, Jr. 2,194,038; Mar. 19.
Tower. W. J. Scholl. 2,213,870; Sept. 3.
Tower. F. H. Taylor. 2,192,780; Mar. 5.
Tower. F. H. Taylor. 2,198,955; Apr. 30.
Tower and condenser, Cooling. L. T. Mart. 2,201,834; May 21.
Tower, Bubble. W. M. Welch. 2,197,199; Apr. 16.
Tower construction, Cooling. E. W. Simons. 2,207,272; July 9.
Tower, Cooling. G. W. Meyer and P. E. Fluor. 2,194,711; Mar. 26.
Tower, Extensible work. L. E. Erickson and B. W. Olson. 2,204,671; June 18.
Tower, Fractionating. D. L. Dodds. 2,209,675; July 30.
Tower, Pressure reducing, filtering, and condensing. J. G. M. López. 2,208,465; July 16.
Tower, Steel. C. Bauer. 2,186,190; Jan. 9.
Towers, Construction of water cooling. R. B. Elmer. 2,197,970; Apr. 23.
Toy. H. D. Adams. 2,194,537; Mar. 26.
Toy. H. D. Allen. 2,198,799; Apr. 30.
Toy. S. I. Berger. 2,218,065; Oct. 15.
Toy. W. B. Betts. 2,191,305; Feb. 20.
Toy. D. K. Bock. 2,202,083; May 28.
Toy. W. Buben. 2,226,195; Dec. 24.
Toy. A. C. Crawford. 2,213,901; Sept. 3.
Toy. G. H. Driscoll. 2,208,359; July 16.
Toy. L. E. Elliott. 2,218,394; Oct. 15.
Toy. F. F. Ferrary. 2,204,078; June 11.
Toy. M. Fleishman. 2,195,621; Apr. 2.
Toy. J. T. Glidewell. 2,201,532; May 21.
Toy. S. Gold. 2,201,486; May 21.
Toy. A. Gould. 2,217,111; Oct. 8.
Toy. M. T. Gregg. 2,206,950; July 9.
Toy. F. Hammond and L. B. Root. 2,219,311; Oct. 29.
Toy. C. Hughes. 2,223,174; Nov. 26.
Toy. C. W. Lambert. 2,185,509; Jan. 2.
Toy. F. V. Mazur, Mans. 2,226,064; Dec. 24.
Toy. A. L. McHenry. 2,216,497; Oct. 1.
Toy. C. E. Menzel. 2,217,374; Oct. 8.
Toy. W. G. Muller. 2,199,161; Apr. 30.
Toy. S. Nove. 2,206,750; July 2.
Toy. A. T. Quady. 2,199,163; Apr. 30.
Toy. M. Ross. 2,193,522; Mar. 12.
Toy. H. J. Seiser. 2,193,700; Mar. 12.
Toy. L. A. Siciliano. 2,196,429; Apr. 9.
Toy. R. Smythe. 2,216,656; Oct. 1.
Toy. C. Van Tongeren. 2,198,235; Apr. 23.
Toy. M. A. Winter. 2,219,831; Oct. 29.
Toy, Action. H. G. Fisher. 2,186,936; Jan. 16.
Toy, Aerial. F. Schimpfle. 2,189,763; Feb. 13.
Toy aircraft. R. L. Bass. 2,202,978; June 4.
Toy, Airplane. W. L. Pasek. 2,219,658; Oct. 29.
Toy airplane construction. N. E. Walker. 2,186,051; Jan. 9.
Toy and actuator, Articulated figural. A. R. Visitacion. 2,219,854; Oct. 29.
Toy and display figure. M. Herrmann. 2,219,130; Oct. 22.
Toy and place card holder, Combined noisemaker. D. Cohn. 2,215,661; Sept. 24.
Toy, Animated dancing. A. D. Amerise. 2,208,487; July 16.
Toy, Astronomical. W. Wittigschlager. 2,204,952; June 18.
Toy automobile. H. Müller. 2,223,119; Nov. 26.
Toy, Ball-projecting. G. Batkin. 2,193,441; Mar. 12.
Toy, Ball propelling and catching. H. C. Hansen. 2,224,453; Dec. 10.
Toy balloon. E. E. Krueger. 2,193,069; Mar. 12.
Toy block and puzzle. C. E. Gable. 2,201,724; May 21.
Toy building kit. J. H. Barnes. 2,194,289; Mar. 19
Toy, Changeable figure. A. D. Greenberg. 2,199,049; Apr. 30.
Toy, Circular racing. J. S. Bardega. 2,205,459; June 25.
Toy clay modeler. M. S. Landow. 2,213,784; Sept. 3.
Toy, Combination. F. Spitzwieser. 2,225,723; Dec. 24.
Toy construction block. C. H. Pajeau. 2,208,049; July 16.
Toy cooking stove. C. Pohlhaus. 2,198,177; Apr. 23.
Toy crane. M. H. Stevens. 2,209,359; July 30.
Toy, Cut-out. R. B. Higgins. 2,189,550; Feb. 6.
Toy dancing figure. G. Einfalt. 2,195,083; Mar. 26.
Toy, Detonating. C. V. Smith. 2,225,510; Dec. 17.
Toy device. J. Ochoa. 2,195,824; Apr. 2.
Toy device, Action. G. Sowin. 2,218,772; Oct. 22.
Toy, Dog. J. Fowler. 2,185,547; Jan. 2.
Toy doll. M. M. Janas. 2,224,456; Dec. 10.
Toy dump car. H. J. Ferri. 2,222,311; Nov. 19.
Toy dump car. R. G. Smith. 2,186,737; Jan. 9.
Toy, Educational. W. J. Fletcher. 2,197,976; Apr. 23.
Toy, Educational mechanical. E. J. Chloupek. 2,193,447; Mar. 12.
Toy, Electric pseudo machine gun. J. Schmidt. 2,208,313; July 16.
Toy electric railway. E. Beyer and O. Fischer. 2,223,905; Dec. 3.
Toy fence. J. Morrison. 2,223,222; Nov. 26.
Toy, Figure. G. R. O'Neal. 2,218,049; Oct. 15.
Toy, Garage and vehicle. H. Müller. 2,188,739; Jan. 30.
Toy, Glider. J. H. Kleinberg. 2,186,587; Jan. 9.

Toy glider. N. E. Walker. 2,221,012; Nov. 12.
Toy gun. C. F. Lefever. 2,213,318; Sept. 3.
Toy gun. C. F. Lefever. 2,226,620; Dec. 31.
Toy gun, Shooting and cap exploding. A. E. Brandon. 2,221,506; Nov. 12.
Toy horse. A. J. Middler and G. L. Barton. 2,224,689; Dec. 10.
Toy, Knitting. I. Steinhardt. 2,222,992; Nov. 26.
Toy lie detector. C. J. Dunn. 2,211,105; Aug. 13.
Toy machine gun. R. G. Knabe. 2,221,240; Nov. 12.
Toy, Mechanical. S. I. Berger. 2,218,513; Oct. 22.
Toy, Mechanical. F. J. Meilleur. 2,190,795; Feb. 20.
Toy, Mechanical. S. Ward. 2,206,987; July 9.
Toy, Mechanical figure. J. P. Adams. 2,226,190; Dec. 24.
Toy metal embossing machine. W. E. Rexford and R. Lohr. 2,221,424; Nov. 12.
Toy, Miniature aerial. L. Main. 2,222,677; Nov. 26.
Toy molding apparatus. J. B. Forbes. 2,218,260; Oct. 15.
Toy, Monorail. J. J. Clark. 2,205,941; June 25.
Toy, Moving. H. Biller. 2,222,648; Nov. 26.
Toy multitone siren. H. Robinson. 2,204,701; June 18.
Toy, Musical. T. I. Nakano. 2,219,236; Oct. 22.
Toy musical instrument. G. Proelsdorfer. 2,188,157; Jan. 23.
Toy or display device. H. Robinson. 2,204,700; June 18.
Toy or display device, Mechanical. L. J. Schmid. 2,224,799; Dec. 10.
Toy organ. L. Rosenfield. 2,197,773; Apr. 23.
Toy, Paper. D. M. Warren. 2,202,036; May 28.
Toy parachute. C. R. Crary. 2,213,205; Sept. 3.
Toy parachute. J. Schmalz. 2,189,085; Feb. 6.
Toy pistol. F. M. Cass. 2,215,721; Sept. 24.
Toy, Progressive rocking, riding, and exercising. T. J. McNally. 2,216,418; Oct. 1.
Toy pump. H. F. Klauss. 2,205,747; June 25.
Toy, Pursuit. J. Bonnett and A. Schillace. 2,227,241; Dec. 31.
Toy railroad. A. Fisher. 2,198,306; Apr. 23.
Toy railroad track switch. J. L. Bonanno. 2,202,546; May 28.
Toy railway rolling stock. V. N. Kisling. 2,187,085; Jan. 16.
Toy railway switch. R. Z. Schreffler. 2,214,310; Sept. 10.
Toy railway system. A. A. Johnson. 2,187,424; Jan. 16.
Toy railway system. R. J. Jurick. 2,202,557; May 28.
Toy, Reversing roll-over. R. J. Lohr and R. N. Carver. 2,189,759; Feb. 13.
Toy roundabout. S. I. Berger. 2,216,899; Oct. 8.
Toy rowboat, Mechanical. O. J. F. Jacobson. 2,224,966; Dec. 17.
Toy, Sounding. J. Reich. 2,208,389; July 16.
Toy, Spelling. F. F. C. Rippon. 2,213,411; Sept. 3.
Toy steam shovel. O. F. Strom. 2,192,807; Mar. 5.
Toy, Structural. M. A. Darnell. 2,197,578; Apr. 16.
Toy, Structural. H. R. Mack. 2,218,175; Oct. 15.
Toy structural material, Mechanism for fabricating. A. F. Howard. 2,219,284; Oct. 29.
Toy structure. D. M. Warren. 2,204,264; June 11.
Toy submarine. E. A. Buehler. 2,214,270; Sept. 10.
Toy submarine. D. E. J. Holloway. 2,224,650; Dec. 10.
Toy submarine. A. J. Middler. 2,194,564; Mar. 26.
Toy submarine. J. O. Thorsheim. 2,212,280; Aug. 20.
Toy submarine. W. O. Yancey. 2,213,079; Aug. 27.
Toy, Target. A. Schillace and W. J. Daily. 2,210,557; Aug. 6.
Toy-train control, Automatic. W. R. Jones. 2,227,411; Dec. 31.
Toy train system, Voice controlled. N. L. Case and B. S. Franklin. 2,221,963; Nov. 19.
Toy, Trick. M. Bredow. 2,204,789; June 18.
Toy typewriter. E. D. Boisselier. 2,218,144; Oct. 15.
Toy vehicle. S. I. Berger. 2,201,148; May 21.
Toy vehicle. H. J. Ferri. 2,210,752; Aug. 6.
Toy vehicle. E. W. Meienborn. 2,201,910; May 21.
Toy vehicle, Mechanical. C. Arnold. 2,208,176; July 16.
Toy, Vehicular. D. H. Letourneau and L. W. Finch. 2,201,440; May 21.
Toy wagon. F. F. Voorheis. 2,191,184; Feb. 20.
Toy wagon assembly. P. E. Allen. 2,186,188; Jan. 9.
Toy wagon body. A. J. Snow. 2,191,868; Feb. 27.
Toy, Weight-actuated. F. A. Christiansen. 2,210,139; Aug. 6.
Toys, Mechanism for walking. C. Larsen. 2,197,892; Apr. 23.
Trace oscillograph system, Multiple. F. H. Shepard, Jr. 2,221,115; Nov. 12.
Tracer controlled milling machine. R. D. Shaw. 2,212,407; Aug. 20.
Tracer for duplicating machines. O. E. Rosen. 2,216,924; Oct. 8.
Tracer for electrically controlled machine tools. R. D. Shaw. 2,225,717; Dec. 24.
Tracing apparatus. F. Nigra. 2,187,574; Jan. 16.
Tracheal instrument. W. F. Brehm. 2,198,241; Apr. 23.
Track-aligning device. D. Rich. 2,188,818; Jan. 30.
Track and anchoring it, Sectional. H. G. Marion and C. F. Reer. 2,185,691; Jan. 2.
Track and carriage for sorting devices. C. C. Casey. 2,201,227; May 21.
Track and vehicle therefor, Particularly for use as toys. H. V. Flinn. 2,193,687; Mar. 12.
Track chain construction. E. A. Johnston. 2,211,896–7; Aug. 20.
Track circuit apparatus. H. A. Thompson and G. W. Baughman. 2,196,616; Apr. 9.
Track circuit apparatus, Railway. R. M. Gilson. 2,206,563; July 2.
Track circuit apparatus, Railway. R. Mills. 2,204,810; June 18.
Track circuit apparatus, Railway. B. E. O'Hagan. 2,215,910; Sept. 24.
Track circuit apparatus, Railway. W. P. Place. 2,220,494; Nov. 5.
Track circuit apparatus, Railway. W. P. Place. 2,221,653; Nov. 12.
Track circuit apparatus, Railway. A. J. Sorensen. 2,221,726; Nov. 12.
Track circuit apparatus, Railway. P. P. Sosinski. 2,218,125; Oct. 15.
Track circuit for railroads. W. H. Hoppe. 2,210,242; Aug. 2.
Track circuit signaling system for absolute-permissive working. G. L. Caille. 2,219,808; Oct. 29.
Track construction. L. T. Burwell. 2,212,657; Aug. 27.
Track construction. G. F. Weinreich. 2,186,186; Jan. 9.
Track construction, Railway. J. A. McGrew. 2,210,334; Aug. 6.
Track drilling machine. E. A. Everett. 2,201,033; May 14.
Track, Electrical race. M. R. Bernhardt. 2,188,619; Jan. 30.
Track for toy railroads, Miniature. J. L. Bonanno. 2,223,545; Dec. 3.
Track for toy trains. W. Gibson. 2,207,171; July 9.
Track-laying apparatus. J. H. Cooper, J. E. Brower, and L. E. Miller. 2,216,434; Oct. 1.
Track laying vehicle. J. A. Landry. 2,223,490; Dec. 3.
Track rail fastener. J. W. Mathias. 2,211,021; Aug. 13.
Track structure. J. N. Tyler. 2,188,894; Jan. 30.
Track structure, Railway. O. W. Johnson. 2,224,731; Dec. 10.
Track system for toy trains. W. Dubilier. 2,196,257; Apr. 9.
Track-torpedo package. A. H. Rosenberg. 2,208,873; July 23.
Traction apparatus. H. D. Peachey. 2,186,036; Jan. 9.
Traction apparatus for motor vehicles. A. L. Fischer. 2,205,689; June 25.
Traction applying device for splints. F. L. Gray. 2,198,995; Apr. 30.
Traction device. M. B. Herbrick. 2,218,382; Oct. 15.
Traction device. T. G. Schmeiser. 2,207,826; July 16.
Traction device. W. F. Wettlaufer. 2,204,783; June 18.
Traction increaser, Electromagnetic. D. E. Wehner. 2,198,928; Apr. 30.
Traction increasing means. J. L. Earl. 2,194,825; Mar. 26.
Traction lug. J. A. Wanek. 2,188,196; Jan. 23.
Traction producing means. C. F. Chapman. 2,221,777; Nov. 19.
Traction vehicle. C. S. Cook. 2,220,890; Nov. 12.
Traction wheel. B. R. Benjamin. 2,204,650; June 18.
Tractor. V. N. Albertson and J. Henningsen. 2,218,510; Oct. 22.
Tractor. E. O. Ashley. 2,209,804; July 30.
Tractor. D. B. Baker, C. R. Rogers, and W. O. Bechman. 2,213,374; Sept. 3.
Tractor. D. B. Baker, C. R. Rogers, and W. O. Bechman. 2,225,202; Dec. 17.
Tractor. A. W., Jr., and A. B. Bonham. 2,197,248; Apr. 16.
Tractor. P. B. Dreisbaugh. 2,195,481; Apr. 2.
Tractor. G. W. Engstrom. 2,224,955; Dec. 17.
Tractor. E. A. Johnston and A. C. Lindgren. 2,221,546; Nov. 12.
Tractor. T. W. Paul. 2,186,306; Jan. 9.
Tractor. F. Stoner. 2,226,027; Dec. 24.
Tractor accessory. A. B. and R. A. Lowe. 2,193,560; Mar. 12.
Tractor and implement unit. R. G. Le Tourneau. 2,188,072; Feb. 6.
Tractor attached implement. G. M. Kriegbaum and C. C. Haas. 2,209,029; July 23.
Tractor attachment. J. L. Hipple. 2,190,359; Feb. 13.
Tractor attachment. J. L. Hipple. 2,221,769; Nov. 19.
Tractor attachment. C. T. Ray. 2,225,393; Dec. 17.
Tractor attachment for automobiles. L. E. Wilson and E. E. Baughn. 2,199,684; May 7.
Tractor attachment implement. W. S. Graham. 2,217,900; Oct. 15.
Tractor bulldozer. T. R. Paulsen. 2,221,813; Nov. 19.
Tractor construction. D. B. Baker, C. R. Rogers, and W. O. Bechman. 2,219,884; Oct. 29.
Tractor construction. E. A. Johnston. 2,187,425; Jan. 16.
Tractor device for rubber tired tractor wheels. T. G. Schmeiser. 2,207,825; July 16.
Tractor, Garden. F. V. Donald. 2,211,260; Aug. 13.
Tractor guide. G. Boelman. 2,211,049; Aug. 13.
Tractor guide. C. L. Mack. 2,226,063; Dec. 24.
Tractor, Hand. P. E. Mack. 2,203,735; June 11.
Tractor hitch. E. H. Schnuelle. 2,227,231; Dec. 31.

Tractor hitch, Power lift. N. E. Erickson. 2,210,907; Aug. 13.
Tractor implement. B. R. Benjamin. 2,217,887; Oct. 15.
Tractor implement. H. G. Ferguson. 2,223,002; Nov. 26.
Tractor implement. A. C. Lindgren and H. P. Smith. 2,221,549; Nov. 12.
Tractor implement attachment. A. C. Lindgren. 2,200,777; May 14.
Tractor jack. C. W. Mott. 2,222,116; Nov. 19.
Tractor lug. R. Bawden. 2,222,558; Nov. 19.
Tractor mounted implement. W. H. Silver. 2,196,037; Apr. 2.
Tractor mounted implement. C. H. White. 2,210,994; Aug. 13.
Tractor power unit. H. Ford. 2,211,413; Aug. 13.
Tractor-semitrailer combination. M. A. Carmody. 2,223,781; Dec. 3.
Tractor, Snow. T. P. Flynn and R. E. Neils. 2,196,458; Apr. 9.
Tractor steering mechanism. J. G. Heaslet. 2,222,904; Nov. 26.
Tractor, Track-type. D. B. Baker, C. R. Rogers, and W. O. Bechman. 2,197,289; Apr. 16.
Tractor-trailer combination. W. H. Edwards. 2,215,903; Sept. 24.
Tractor transmission. D. B. Baker and J. E. Anthony. 2,214,805; Sept. 17.
Tractor unit. A. G. Dean. 2,185,974–5; Jan. 2.
Tractor wheel. M. E. R. Bernardon. 2,191,950; Feb. 27.
Tractors, Guiding. M. J. Schaa. 2,222,916; Nov. 26.
Traffic control system. J. L. Biach and H. A. Wilcox. 2,199,571; May 7.
Traffic control system. H. A. Haugh, Jr. 2,188,348; Jan. 30.
Traffic control system. L. Quilliam. 2,213,409; Sept. 3.
Traffic control system. G. W. Thompson and A. P. B. Renshaw. 2,188,731; Jan. 30.
Traffic control system, Self-regulating automatic. H. A. Haugh, Jr. 2,219,310; Oct. 29.
Traffic controlling apparatus, Railway. E. M. Allen. 2,214,496; Sept. 10.
Traffic controlling apparatus, Railway. E. M. Allen. 2,216,483; Oct. 1.
Traffic controlling apparatus, Railway. E. M. Allen, 2,216,607; Oct. 1.
Traffic controlling apparatus, Railway. J. H. Broadbent. 2,217,508; Oct. 8.
Traffic controlling apparatus, Railway. R. M. Gilson and G. W. Baughman. 2,216,614; Oct. 1.
Traffic controlling apparatus, Railway. C. M. Hines and B. E. O'Hagan. 2,199,952; May 7.
Traffic controlling apparatus, Railway. R. R. Kemmerer and H. N. Dixon. 2,219,901; Oct. 29.
Traffic controlling apparatus, Railway. R. R. Kemmerer and C. W. Failor. 2,225,118; Dec. 17.
Traffic controlling apparatus, Railway. C. H. Lay. 2,217,909; Oct. 15.
Traffic controlling apparatus, Railway. C. H. Lay. 2,224,401; Dec. 10.
Traffic controlling apparatus, Railway. H. L. Ludwig. 2,203,916; June 11.
Traffic controlling apparatus, Railway. F. H. Nicholson and L. R. Allison. 2,218,120; Oct. 15.
Traffic controlling apparatus, Railway. B. E. O'Hagan. 2,215,823; Sept. 24.
Traffic controlling apparatus, Railway. J. M. Pelikan. 2,216,626; Oct. 1.
Traffic controlling apparatus, Railway. G. R. Pflasterer. 2,208,685; July 23.
Traffic controlling apparatus, Railway. W. P. Place. 2,206,579; July 2.
Traffic controlling apparatus, Railway. C. B. Shields and H. G. Blosser. 2,211,174; Aug. 13.
Traffic controlling apparatus, Railway. M. R. Snyder. 2,208,436; July 16.
Traffic controlling apparatus, Railway. A. J. Sorensen. 2,216,631; Oct. 1.
Traffic controlling apparatus, Railway. A. J. Sorensen. 2,218,124; Oct. 15.
Traffic controlling apparatus, Railway. A. J. Sorensen. 2,219,876; Oct. 29.
Traffic controlling apparatus, Railway. H. A. Thompson. 2,213,420; Sept. 3.
Traffic controlling apparatus, Railway. H. A. Thompson. 2,222,962; Nov. 26.
Traffic controlling apparatus, Railway. H. C. Vantassel. 2,198,712; Apr. 30.
Traffic controlling apparatus, Railway. H. A. Wallace. 2,194,371; Mar. 19.
Traffic controlling apparatus, Railway. H. S. Young. 2,209,437; July 30.
Traffic controlling apparatus, Railway. H. S. Young and R. A. McCann. 2,210,052; Aug. 6.
Traffic controlling means for parking lots and one-way drives. C. T. Rice. 2,200,639; May 14.
Traffic controlling system, Centralized. R. M. Phinney. 2,215,407; Sept. 17.
Traffic controlling system, Centralized. N. D. Preston. 2,215,436–7; Sept. 17.
Traffic controlling system for railroads, Centralized. W. D. Hailes. 2,223,103; Nov. 26.
Traffic controlling system for railroads, Centralized. N. D. Preston. 2,204,445; June 11.
Traffic controlling system for railroads, Centralized. M. C. Twitchell. 2,210,224; Aug. 6.
Traffic controlling system for railways and the like. C. F. D. Venning and E. W. Challis. 2,220,744; Nov. 5.
Traffic detector. J. L. Barker. 2,201,145–6; May 21.
Traffic light signal. J. E. Snelling. 2,221,272; Nov. 12.
Traffic regulating system, Selective automatic. P. P. Horni. 2,215,851; Sept. 24.
Traffic signal. B. C. Hammond. 2,188,604; Jan. 30.
Traffic signal. Z. L. Hoover. 2,219,092; Oct. 22.
Traffic signal. A. M. Loungway. 2,190,035; Feb. 13.
Traffic signal. J. N. Paul. 2,199,572–3; May 7.
Traffic signal. F. H. Richterkessing. 2,204,228; June 11.
Traffic signal. T. E. Steiber. 2,226,484; Dec. 24.
Traffic signal, Automatic. T. O. Wohlsen. 2,227,332; Dec. 31.
Trail builder, bull dozer and the like. C. Le Bleu. 2,187,072; Jan. 16.
Trailer. E. J. Fraser. 2,211,229; Aug. 13.
Trailer. J. G. Greene and M. R. Hull. 2,216,553; Oct. 1.
Trailer. C. S. Hornberger. 2,225,993; Dec. 24.
Trailer. H. F. Maranville. 2,198,270; Apr. 23.
Trailer. I. F. Mellinger. 2,187,136; Jan. 16.
Trailer. R. R. Sampsell. 2,219,401; Oct. 29.
Trailer. L. Smelker. 2,188,545; Jan. 30.
Trailer. E. K. Thomas. 2,193,352; Mar. 12.
Trailer. R. C. Townsend. 2,204,108; June 11.
Trailer. T. Weber. 2,197,401; Apr. 16.
Trailer and heating and air conditioning same. R. R. Anderson. 2,225,244; Dec. 17.
Trailer brake. J. Bieber. 2,209,489; July 30.
Trailer brake. W. M. Miller. 2,202,221; May 28.
Trailer brake. L. H. Pelster. 2,190,219; Feb. 13.
Trailer brake. M. H. Tuft and J. H. Clark. 2,192,055; Feb. 27.
Trailer construction. J. Gaussoin. 2,189,170; Feb. 6.
Trailer coupling. K. A. Harvey. 2,207,006; July 9.
Trailer coupling. M. H. Tuft and J. H. Clark. 2,225,188; Dec. 17.
Trailer coupling. D. S. Weiss. 2,217,148; Oct. 8.
Trailer draft mechanism. A. G. S. Sherman. 2,189,183; Feb. 6.
Trailer drive. A. J. Rice. 2,194,811; Mar. 26.
Trailer, Dump. H. C. Keith. 2,225,522; Dec. 17.
Trailer frame. E. C. McDaniel. 2,196,338; Apr. 9.
Trailer front end support, Adjustable. W. Vutz. 2,196,510; Apr. 9.
Trailer, Ground working. G. B. Wood. 2,207,424; July 9.
Trailer hitch. E. C. Brown. 2,191,749; Feb. 27.
Trailer hitch. O. Gamradt and A. Magnan. 2,212,517; Aug. 27.
Trailer hitch. F. B. Jacobson. 2,196,115; Apr. 2.
Trailer hitch. E. C. McDaniel. 2,189,864; Feb. 13.
Trailer hitch A. Partin. 2,205,151; June 18.
Trailer hitch. J. A. Rasmussen. 2,217,234; Oct. 8.
Trailer hitch. H. H. Reynolds. 2,197,157; Apr. 16.
Trailer hitch. L. B. Spires. 2,212,081; Aug. 20.
Trailer hitch and brake. T. L. Foley. 2,198,159; Apr. 23.
Trailer hitch, Four-wheel. L. C. Struensee. 2,189,453; Feb. 6.
Trailer, Railway and highway G. T. Ronk. 2,186,593; Jan. 9.
Trailer, Riding. G. A. Amsbury. 2,218,064; Oct. 15.
Trailer stabilizer. J. K. Brewster. 2,194,160; Mar. 19.
Trailer support operating means. G. Walther and E. L. Miller. 2,193,049; Mar. 12.
Trailer tank. R. A. Bradley and R. D. George. 2,192,593; Mar. 5.
Trailer truck body. J. J. Black. 2,223,778; Dec. 3.
Trailer vehicle. S. B. Winn. 2,223,436; Dec. 3.
Trailing or drag device used with trawl nets. J. Chant. 2,226,196; Dec. 24.
Train annunciating apparatus. A. E. Dodd. 2,201,718; May 21.
Train, Automotive. J. B. Strauss. 2,193,046; Mar. 12.
Train control. H. S. Pardee. 2,215,051; Sept. 17.
Train control and cab signaling system for railroads, Coded continuous inductive. W. H. Reichard and C. S. Bushnell. 2,223,131; Nov. 26.
Train control and signal system, Continuous. J. C. McDonald. 2,193,292; Mar. 12.
Train control system. C. T. Knudsen. 2,190,073; Feb. 13.
Train control system. W. B. Wait. 2,216,713; Oct. 1.
Train control system for railroads, Automatic. P. W. Smith. 2,201,116; May 14.
Train direction responsive apparatus. E. M. Allen. 2,225,092; Dec. 17.
Train order delivering device. E. C. Weatherly. 2,202,544; May 28.
Train order device, Safety nondelay. R. R. Scott. 2,226,981; Dec. 31.
Trainer for airplaine pilots. H. R. Colvin. 2,212,931; Aug. 27.
Trammel for straight and curved lines, Scribing. P. Manthey. 2,209,250; July 23.
Tramway, Rope. F. Johansen and F. J. Lloyd. 2,198,536; Apr. 23.
Transfer adhesive process and product. A. Bennett, 2,191,704; Feb. 27.
Transfer apparatus. C. W. Schreiber. 2,207,179; July 9.

Transfer apparatus for railway cars. J. K. Dafnis. 2,197,375; Apr. 16.
Transfer arm. A. J. R. Greer. 2,220,097; Nov. 5.
Transfer cell for automobiles. D. D. Dean. 2,219,412; Oct. 29.
Transfer conveyer mechanism. B. I. Buck. 2,221,698; Nov. 12.
Transfer device, Coating a. L. C. Antrim. 2,213,644; Sept. 3.
Transfer element for multiple compartment ampules, Controllable. M. Lozier and C. H. Frost. 2,193,322; Mar. 12.
Transfer instrument. A. Wigley. 2,188,125; Jan. 23.
Transfer machine. L. E. La Bombard. 2,190,948; Feb. 20.
Transfer mechanism for key-set adding machine. G. J. Barrett. 2,199,253; Apr. 30.
Transfer mechanism for looms. J. Stuer. 2,207,078; July 9.
Transfer mechanism for weft replenishing looms. R. G. Turner. 2,226,268; Dec. 24.
Transfer members, Making. L. V. Casto, G. von Webern, and E. W. Hamant. 2,193,899; Mar. 19.
Transfer-sheet feed mechanism for typewriting, teleprinting, and like machines. H. Etheridge. 2,216,409; Oct. 1.
Transfer sheet, Nonsmudging. J. Bjorksten and W. J. Champion. 2,188,590; Jan. 30.
Transferring or reproducing machine. G. Tauschek. 2,202,359; May 28.
Transformer. G. Camilli. 2,185,831; Jan. 2.
Transformer. J. V. Fill. 2,206,250; July 2.
Transformer. M. W. Humphreys. 2,191,393; Feb. 20.
Transformer. W. E. Shearer. 2,206,856; July 2.
Transformer and making the same. H. M. Sanders. 2,220,733; Nov. 5.
Transformer assembling method and apparatus. S. O. Evans. 2,221,687; Nov. 12.
Transformer construction. R. S. Edwards. 2,211,690–1; Aug. 13.
Transformer core and making the same. H. M. Sanders. 2,220,732; Nov. 5.
Transformer distributing system. H. E. Somes. 2,223,902; Dec. 3.
Transformer fault indicating means. E. O. Schweitzer, Jr. 2,226,021; Dec. 24.
Transformer for push-pull circuits, Broad-band. H. G. Freygang. 2,190,448; Feb. 13.
Transformer for television arrangements, Coupling. K. Schlesinger. 2,186,932; Jan. 9.
Transformer, Nonresonating. A. Panov and M. Lipkovski. 2,220,539; Nov. 5.
Transformer of the constant or limited current type. J. G. Sola. 2,212,198; Aug. 20.
Transformer, Regulating. F. Rampacker. 2,186,207; Jan. 9.
Transformer, Regulating. M. Schwaiger. 2,186,211; Jan. 9.
Transformer relay. A. L. Judson. 2,221,973; Nov. 19.
Transformer structure, Electric. R. R. Pittman and C. H. Walsh. 2,220,615; Nov. 5.
Transformer system. R. C. Curtis. 2,209,390; July 30.
Transformer tap changing circuit. R. B. Carson. 2,188,173; Jan. 23.
Transformer tap-changing system. L. F. Blume. 2,200,979; May 14.
Transformer, Variable. C. Stonehill. 2,214,864; Sept. 17.
Transformer, Variable tuned. H. A. and J. B. Moore. 2,206,041; July 2.
Transformer winding support. D. G. McArn. 2,225,593; Dec. 17.
Transforming apparatus. R. B. Hunter. 2,205,476; June 25.
Transit elevated structure, Rapid. J. O. Heinze. 2,226,432; Dec. 24.
Translating device. J. G. Frayne. 2,199,070; Apr. 30.
Transiator, Multiplex start-stop extension. F. G. Halden. 2,196,069; Apr. 2.
Translucent display. R. M. Nelson and K. W. McNeill. 2,200,339; May 14.
Transmission. M. S. Ariens. 2,220,197; Nov. 5.
Transmission. D. B. Baker, C. R. Rogers, and W. O. Bechman. 2,209,046; July 23.
Transmission. L. O. Burt. 2,217,728; Oct. 15.
Transmission. K. Y. Cheng. 2,201,847; May 21.
Transmission. C. L. Coughlin. 2,196,292; Apr. 9.
Transmission. A. Y. Dodge. 2,190,831; Feb. 20.
Transmission. A. Y. Dodge. 2,191,609; Feb. 27.
Transmission. A. Y. Dodge. 2,196,660; Apr. 9.
Transmission. O. E. Fishburn. 2,198,662; Apr. 30.
Transmission. C. W. Hansell. 2,202,629; May 28.
Transmission. O. Hansson. 2,201,264; May 21.
Transmission. R. W. Hautzenroeder. 2,192,078; Feb. 27.
Transmission. E. R. Holloway. 2,186,108; Jan. 9.
Transmission. R. Lapsley. 2,205,595; June 25.
Transmission. P. E. Mack. 2,224,309; Dec. 10.
Transmission. E. Orshansky, Jr. 2,218,405; Oct. 15.
Transmission. E. Orshansky, Jr. 2,219,052; Oct. 22.
Transmission. G. V. Pearce, Jr. 2,205,768; June 25.
Transmission. G. F. Schlote. 2,204,514; June 11.
Transmission. H. Schneider. 2,212,901; Aug. 27.
Transmission. R. W. Scott and A. O. McCollum. 2,191,628–9; Feb. 27.
Transmission. R. B. Smart. 2,195,229; Mar. 26.
Transmission. B. A. Swennes. 2,104,779; June 18.
Transmission and clutch control. R. A. Goepfrich. 2,197,721; Apr. 16.
Transmission and control, Automatic. H. A. Flogaus and H. E. Fox. 2,193,317; Mar. 12.
Transmission and control, Change speed. E. A. Thompson. 2,195,605; Apr. 2.
Transmission and control mechanism. F. A. Parsons. 2 204,693; June 18.
Transmission and control mechanism. F. A. Parsons. 2,208,340; July 16.
Transmission and control mechanism. W. I. Senger. Re. 21,412; Mar. 26.
Transmission and gear shift mechanism therefor. L. O. Burt. 2,185,830; Jan. 2.
Transmission apparatus. L. M. Leeds. 2,202,699–700; May 28.
Transmission apparatus. D. Ostand, E. C. Ernst, and C. E. Beckman. 2,194,936; Mar. 19.
Transmission, Automatic. O. H. Banker. 2,199,095; Apr. 30.
Transmission, Automatic. R. E. Keller. 2,225,174; Dec. 17.
Transmission, Automatic. F. J. Ramsey. 2,188,233; Jan. 23.
Transmission, Automatic. J. Sneed. 2,214,001; Sept. 10.
Transmission, Automatic. I. T. Thompson. 2,193,525; Mar. 12.
Transmission, Automatic. T. B. Tyler. 2,204,919; June 18.
Transmission, Automobile. J. L. Getaz. 2,195,365; Mar. 26.
Transmission cable. A. F. Connery. 2,192,005; Feb. 27.
Transmission chain. N. C. Bremer. 2,219,125; Oct. 22.
Transmission, Change speed. W. R. Coughtry. 2,195,269; Mar. 26.
Transmission circuit. P. Mertz. 2,223,736; Dec. 3.
Transmission control. W. B. Osborne. 2,191,543; Feb. 27.
Transmission control. H. W. Price. 2,227,273; Dec. 31.
Transmission control and signaling system. K. H. Davis. 2,206,080; July 2.
Transmission control device. J. V. Odhner. 2,194,231; Mar. 19.
Transmission control, Hydraulic. A. Berger. 2,223,715; Dec. 3.
Transmission control means. H. L. Chisholm, Jr. 2,211,811; Aug. 20.
Transmission control mechanism. F. C. Best. 2,193,218; Mar. 12.
Transmission control mechanism. J. R. Ferguson. 2,193,230; Mar. 12.
Transmission control system. F. M. Davis. 2,204,578; June 18.
Transmission control system and mechanism. R. F. Peo, H. L. Chisholm, Jr., and D. F. Linsley. 2,221,199; Nov. 12.
Transmission controlling mechanism. J. H. Stortz. 2,227,412; Dec. 31.
Transmission device. R. Erban. 2,216,191; Oct. 1.
Transmission device. M. A. Lalande and P. F. M. Gloess. 2,226,728; Dec. 31.
Transmission device. F. V. Waltz. 2,201,600; May 21.
Transmission drive. P. E. Hochstetter. 2,219,812; Oct. 29.
Transmission, Dual range. D. D. Dooley. 2,194,823; Mar. 26.
Transmission, Fluid clutch automatic. B. A. Swennes. 2,196,540; Apr. 9.
Transmission for a power device. W. E. Stout. 2,206,925; July 9.
Transmission for automatic turners. L. J. Leishman. 2,200,003; May 7.
Transmission for automotive purposes, Hydraulic. A. Berger. 2,186,748; Jan. 9.
Transmission for bicycles, Two-speed. J. MacBlane. 2,193,289; Mar. 12.
Transmission for invalid beds. F. Gahm. 2,185,296; Jan. 2.
Transmission for motor vehicles, Hydromechanical. F. W. Cotterman. Re. 21,385; Mar. 12.
Transmission gear with no-back, Automatic. F. W. Cotterman. 2,221,180; Nov. 12.
Transmission gearing. R. L. Brownlee. 2,185,537; Jan. 2.
Transmission gearing. C. D. Peterson. 2,220,541; Nov. 5.
Transmission gearing, Planetary automotive. F. W. Cotterman. Re. 21,418; Apr. 9.
Transmission, Hydraulic. A. L. Ahart. 2,196,350; Apr. 9.
Transmission, Hydraulic. R. G. Ashburn and J. D. Lewis. 2,187,552; Jan. 16.
Transmission, Hydraulic. W. Ferris. 2,186,409; Jan. 9.
Transmission, Hydraulic. A. V. Popoff. 2,197,482; Apr. 16.
Transmission, Hydraulic. W. L. Schoengarth. 2,216,024; Sept. 24.
Transmission, Hydraulic. J. A. Schultz. 2,218,896; Oct. 22.
Transmission, Hydraulic mechanical speed. R. de Filippis. 2,191,907; Feb. 27.

Transmission in two-way signaling systems, Control of. A. C. Dickieson. 2,224,569; Dec. 10.
Transmission in two-way telephone systems, Control of. D. Mitchell. 2,213,991; Sept. 10.
Transmission line. L. Krügel. 2,219,653; Oct. 29.
Transmission line, Composite. F. C. Elder. 2,193,090; Mar. 12.
Transmission line transposition. D. R. Goddard. 2,192,494; Mar. 5.
Transmission line transposition. D. R. Goddard. 2,195,986; Apr. 2.
Transmission means. R. Carlstedt. 2,217,537; Oct. 8.
Transmission mechanism. E. R. Burtnett. 2,185,538; Jan. 2.
Transmission mechanism. E. R. Burtnett. 2,197,536; Apr. 16.
Transmission mechanism. R. Daub. 2,197,758; Apr. 23.
Transmission mechanism. J. H. Fagg. 2,209,155; July 23.
Transmission mechanism. S. M. Friedman. 2,187,968; Jan. 23.
Transmission mechanism. W. R. Griswold. 2,220,325; Nov. 5.
Transmission mechanism. R. A. Hetzer. 2,217,340; Oct. 8.
Transmission mechanism. B. D. Hubbell. 2,185,731; Jan. 2.
Transmission mechanism. J. F. Joy. 2,190,925–6; Feb. 20.
Transmission mechanism. B. T. Leveque. 2,216,294; Oct. 1.
Transmission mechanism. G. Sauer. 2,199,678; May 7.
Transmission mechanism. H. Sinclair and R. C. Clerk. 2,202,271; May 28.
Transmission mechanism. H. A. Smitt. 2,219,965; Oct. 29.
Transmission mechanism. G. G. Speer, Jr. 2,226,878; Dec. 31.
Transmission mechanism for automobiles and the like, Variable speed. F. D. Frisby. 2,188,403; Jan. 30.
Transmission mechanism for motor vehicles. W. M. Blagden and H. Perkins. 2,219,249; Oct. 22.
Transmission mechanism for starting motors. V. C. Hodges. 2,226,864; Dec. 31.
Transmission mechanism, Hydraulic. J. T. Corrigan. 2,191,340; Feb. 20.
Transmission mechanism, Hydraulic. E. L. Rose. 2,198,515; Apr. 23.
Transmission mechanism, Hydraulic. F. E. Staats. 2,218,558; Oct. 22.
Transmission mechanism, Variable. H. K. Herrick. 2,210,240; Aug. 6.
Transmission mechanism, Variable ratio. W. F. Berck. 2,196,806; Apr. 9.
Transmission media, Fluid pressure. H. R. Fife. 2,200,495; May 14.
Transmission, Motor vehicle. W. R. Griswold. 2,185,730; Jan. 2.
Transmission network. H. O. Peterson. 2,196,272; Apr. 9.
Transmission network, High frequency. A. Alford. 2,226,686; Dec. 31.
Transmission operating means. T. B. Tyler. 2,193,542; Mar. 12.
Transmission or brake, Rotary. R. D. Semon. 2,213,616–7; Sept. 3.
Transmission or the like. R. S. Condon. 2,192,539; Mar. 5.
Transmission, Planetary. B. A. Swennes. 2,199,056; Apr. 30.
Transmission ratio changer, Automatic. K. B. Britton. 2,187,824; Jan. 23.
Transmission remote control. J. Dolza. 2,195,270; Mar. 26.
Transmission shift, Automatic. W. B. Barnes. 2,225,493; Dec. 17.
Transmission synchronizer. B. A. Barr. 2,221,901; Nov. 19.
Transmission synchronizer. V. Haigh. 2,221,896; Nov. 19.
Transmission synchronizer. P. Orr. 2,221,892; Nov. 19.
Transmission synchronizer. P. Orr. 2,221,897–8; Nov. 19.
Transmission synchronizer. S. O. White. 2,190,964; Feb. 20.
Transmission synchronizer. S. O. White. 2,221,893–4; Nov. 19.
Transmission system. J. O. Edson. 2,189,546; Feb. 6.
Transmission system. J. J. Gilbert. 2,208,417; July 16.
Transmission system. D. Mitchell and H. Nyquist. 2,200,559; May 14.
Transmission system for statistical data. J. W. Bryce. 2,213,559–60; Sept. 3.
Transmission, System for multiplex. N. E. Lindenblad. 2,193,875; Mar. 19.
Transmission system, High frequency. S. van Mierlo. 2,223,082; Nov. 26.
Transmission system, Portable. E. Y. Webb, Jr. 2,206,590; July 2.
Transmission, Two speed forward and two speed reverse. C. D. Peterson. 2,220,542; Nov. 5.
Transmission, Variable. P. B. Reeves. 2,215,742; Sept. 24.
Transmission, Variable. B. A. Swennes. 2,215,671; Sept. 24.
Transmission, Variable speed. T. B. Martin. 2,187,835; Jan. 23.
Transmission, Variable speed. E. A. Rockwell. 2,195,498; Apr. 2.
Transmission, Variable speed. E. T. Ross. 2,212,046; Aug. 20.
Transmission, Variable speed and automatically driven. G. Fleischel. 2,197,301; Apr. 16.
Transmission, Vehicle. C. Buchner. 2,195,479; Apr. 2.
Transmitter. H. D. Albrecht. 2,226,214; Dec. 24.
Transmitter. H. E. Hollmann. 2,189,584; Feb. 6.
Transmitter. I. E. Mouromtseff and G. R. Kilgore. 2,217,447; Oct. 8.
Transmitter. H. J. H. Wassell. 2,206,682; July 2.
Transmitter and code translator. M. L. Haselton and R. M. Hicks. 2,218,424; Oct. 15.
Transmitter, Cell persistence. C. F. Jenkins. Re. 21,417; Apr. 2.
Transmitter for step-by-step telegraph systems. A. E. Thompson and R. D. Salmon. 2,215,802; Sept. 24.
Transmitter, Hearing-aid. H. Scheibler. 2,193,844; Mar. 19.
Transmitter, High frequency. R. A. Gordon. 2,192,187; Mar. 5.
Transmitter, Keyboard perforator. R. A. Lake. 2,190,291; Feb. 13.
Transmitter, Keyboard perforator. R. A. Lake. 2,208,037; July 16.
Transmitter keying system. P. D. Andrews. 2,207,571; July 9.
Transmitter, Modulated carrier wave television and like. W. S. L. Tringham. 2,188,068; Jan. 23.
Transmitter, Picture. H. Miller. 2,211,145–6; Aug. 13.
Transmitting apparatus. G. L. Usselman and C. W. Hansell. 2,217,628; Oct. 8.
Transmitting means. W. F. Quinby. 2,187,892; Jan. 23.
Transmitting mechanism. E. R. Burtnett. 2,193,267; Mar. 12.
Transmitting system, Television and the like. C. O. Browne, J. Hardwick, F. Blythen, and E. L. C. White. 2,212,199; Aug. 20.
Transparency carrier. M. W. Seymour. 2,191,036; Feb. 20.
Transparency exhibitor. B. W. David and H. P. Dorn. 2,206,865; July 9.
Transparent bar. D. P. Whelan. 2,220,503; Nov. 5.
Transparent container. L. D. Hokerk. 2,189,955; Feb. 13.
Transparent projection screen. E. Schwartz. 2,213,077; Aug. 27.
Transparent projection screen. J. D. Strong and R. Hayward. 2,200,646; May 14.
Transplanter. G. D. Owen. 2,202,228–9; May 28.
Transplanting tool. H. W. Spurney. 2,219,374; Oct. 29.
Transport vehicle, Universally movable. J. Evans. 2,202,650; May 28.
Transportable tank. A. F. Meyer. 2,223,571; Dec. 3.
Transportation means. A. F. Dooley and C. H. Stone. 2,199,520; May 7.
Transporting and dumping vehicle. G. R. Dempster. 2,204,667; June 18.
Transporting and dumping vehicle. L. Gerosa and G. P. Wagner. 2,211,719–21; Aug. 13.
Transporting apparatus. J. W. Lewis. 2,189,010; Feb. 6.
Transporting tank. W. R. Kepler and E. H. Nilson. 2,191,718; Feb. 27.
Transuterine insufflator. M. Kevelson and O. H. Bloom. 2,223,827; Dec. 3.
Trap: *See*—

- Animal trap.
- Backfire oil trap.
- Bucket steam trap.
- Burglar trap.
- Cabbage miller trap.
- Cinematograph projector fire trap.
- Cockroach trap.
- Crab and minnow trap.
- Drain trap.
- Electrocuting trap.
- Film magazine light trap.
- Fish trap.
- High pressure steam trap.
- Hog trap.
- Insect trap.
- Mechanical snare trap.
- Minnow trap.
- Mouse or rat trap.
- Mouse trap.
- Pump trap.
- Rat trap.
- Roach trap.
- **Rodent or animal trap.**
- Rodent trap.
- Sand and gas trap.
- Steel trap.
- Steam trap.
- Steam and water trap.
- Target trap.
- Waste trap.

Trap. F. O. Brooks. 2,199,167; Apr. 30.
Trap. E. F. Chambless and J. W. Fay. 2,222,653; Nov. 26.
Trap. A. A. Guarino. 2,193,358; Mar. 12.
Trap. J. Wolfater. 2,207,140; July 9.
Trap cleaner and force pump. J. L. McMillan. 2,187,043; Jan. 16.
Trap construction. L. L. Lawrence. 2,207,015; July 9.
Trap for a pressure responsive instrument, Steam and sediment. H. J. Hartley. 2,203,434; June 4.
Trap for air cleaners, Backfire oil. F. A. Donaldson. 2,206,718; July 2.
Trap for hammer mills, Metal. W. J. Clement. 2,204,069; June 11.
Trap for internal siphon gauge, Concealed. E. L. Aschenbach and B. McClelland. 2,224,333; Dec. 10.
Trap hook. J. A. Cole. 2,213,624; Sept. 3.
Trap hook. L. Voigt. 2,220,559; Nov. 5.

Trap mechanism. W. J. Donnelly. 2,226,200; Dec. 24.
Trapped self-draining pitot-static tube. P. Kollsman. 2,204,367; June 11.
Trash and water eliminator. R. A. Brand. 2,199,874; May 7.
Trash container, Sanitary. J. W. Thompson. 2,202,238; May 28.
Travel data indicator. J. W. Roberts. 2,194,615; Mar. 26.
Traveler device. J. R. Purser and E. H. Woolard. 2,197,530; Apr. 16.
Traveling bag. H. E. McCurdy. 2,213,821; Sept. 3.
Traveling block. O. Duda. 2,210,202; Aug. 6.
Traveling case. M. de Botelho. 2,187,445; Jan. 16.
Traverse mechanism. W. B. Thomas. 2,201,597; May 21.
Traverse mechanism for winding machines. E. R. Swanson. 2,217,146; Oct. 8.
Traverse mechanism for yarn-winding machines. D. Finlayson. 2,200,388; May 14.
Traverse motion. J. P. McHugh. 2,222,820; Nov. 26.
Traversing mechanism. F. F. Hillix. 2,221,349; Nov. 12.
Trawl measuring mechanism. H. S. Hansen. 2,210,759; Aug. 6.
Tray. W. E. Mack. 2,189,611; Feb. 6.
Tray and cigarette extinguisher, Ash. N. C. Amen. 2,207,040; July 9.
Tray and insert therefor, Ash. T. S. P. Griffin. 2,208,072; July 16.
Tray and mechanically releasing ice blocks, Ice. J. H. Miner. 2,212,424; Aug. 20.
Tray and metal case, Pocket ash. B. M. Holter. 2,206,606; July 2.
Tray and other articles adapted to rest on chair arms or other supports, Smoker's ash. E. A. Bellow. 2,219,974; Oct. 29.
Tray, Ash. B. Kelly. 2,221,300; Nov. 12.
Tray, Ash. R. Litschgi. 2,199,205; Apr. 30.
Tray, Ash. K. R. Richards. 2,224,062; Dec. 3.
Tray, Bed. J. B. Rush, J. A. Mahr, and C. H. Decker. 2,193,647; Mar. 12.
Tray, Card table. T. D. Alexander. 2,185,907; Jan. 2.
Tray, Developing. H. Smith. 2,192,940; Mar. 12.
Tray, Door. R. B. Holly. 2,207,667; July 9.
Tray, Egg. R. N. Hickman. 2,188,044; Jan. 23.
Tray, Filing. C. F. Wolters. 2,190,178; Feb. 13.
Tray follower. H. P. Elliott. 2,198,004; Apr. 23.
Tray for cages, Watering. G. A. Adams. 2,206,383; July 2.
Tray for the germination of seeds. W. A. Lewis and V. de C. Dashwood. 2,188,880; Jan. 30.
Tray, Freezing. J. H. Miner. 2,212,425; Aug. 20.
Tray, Freezing. C. Steenstrup. 2,188,781; Jan. 30.
Tray, Freezing. C. Steenstrup. 2,194,330; Mar. 19.
Tray, Ice. S. W. E. Anderson. 2,187,141; Jan. 16.
Tray, Ice. C. R. Carney. 2,199,740; May 7.
Tray, Ice. C. R. Carney. 2,214,451; Sept. 10.
Tray, Ice. C. R. Carney. 2,222,401; Nov. 19.
Tray, Ice. R. L. Hallock. 2,197,378; Apr. 16.
Tray, Ice. F. P. Keiper. 2,187,083; Jan. 16.
Tray, Ice. F. P. Keiper. 2,190,502; Feb. 13.
Tray, Ice. F. P. Keiper. 2,201,585–6; May 21.
Tray, Ice. G. R. Long. 2,203,915; June 11.
Tray, Ice. J. H. Miner. 2,189,917; Feb. 13.
Tray, Ice. J. H. Miner. 2,193,694; Mar. 12.
Tray, Ice. J. H. Miner. 2,221,693; Nov. 12.
Tray, Ice. J. H. Miner. 2,221,810; Nov. 19.
Tray, Ice. J. Roberts. Re. 21,591; Oct. 1.
Tray, Ice-cream. R. H. Money. 2,191,578; Feb. 27.
Tray, Multiple compartment. H. Crimmel. 2,199,195; Apr. 30.
Tray, Portable tool. W. H. Haigh. 2,195,366; Mar. 26.
Tray, Posting. D. K. Michael. 2,206,103; July 2.
Tray, Quick freezing, ice. J. H. de Murguiondo. 2,214,525; Sept. 10.
Tray, Refrigerator. R. B. Moore. 2,224,311; Dec. 10.
Tray, Serving. R. S. Morris. 2,211,962; Aug. 20.
Tray, Slug sawing. J. H. Livingston, Sr., and J. H. Livingston, Jr. 2,216,415; Oct. 1.
Tray stabilizing device. E. B. Crawford and M. R. Turrell. 2,195,326; Mar. 26.
Tray unit or the like, Laundry. H. G. Coordes. 2,203,323; June 4.
Tray, Wardrobe. J. H. Plotkin. 2,209,171; July 23.
Tread, Antiskid. F. G. Neal. 2,201,113; May 14.
Treadboard. C. Schivinc. 2,190,195; Feb. 13.
Tread for running boards and the like, Antiskid. D. W. Hawksworth. 2,214,247; Sept. 10.
Tread for stairs, floors, and the like, Antiskid. L. J. A. Lavallee. 2,190,211; Feb. 13.
Treadle circuit. B. Cooper. 2,205,555; June 25.
Treating process. M. Cornell. 2,203,673; June 11.
Treating process. J. W. Payne. 2,227,416; Dec. 31.
Treatment of materials containing tantalum and niobium. J. P. Leemans. 2,198,914; Apr. 30.
Treatment tent support. G. H. Budd. 2,210,060; Aug. 6.
Tree and brush cutter. J. K. Knight, Sr. 2,214,334; Sept. 10.
Tree, Artificial. A. Corina. 2,188,529; Jan. 30.
Tree, Artificial. J. J. Doran. 2,214,046; Sept. 10.
Tree construction, Imitation. J. H. O'Day. 2,219,112; Oct. 22.
Tree, Decorative. A. E. Royle. 2,226,349; Dec. 24.
Tree holder. W. H. Pleiss. 2,205,271; June 18.
Tree, Miniature artificial Christmas. A. W. Hahn, Jr., and R. E. Hahn. 2,203,016; June 4.
Tree mover device. H. H. Blount. 2,210,969; Aug. 13.
Tree, Ornamental. J. A. Guthrie. 2,188,081; Jan. 23.
Tree protector. P. Eschert and P. Kirchhoff. 2,213,134; Aug. 27.
Tree protector. W. J. MacFee. 2,217,557; Oct. 8.
Tree reproduction, Fruit. R. J. Rodocker. 2,202,966; June 4.
Tree scarring device. G. S. Perry. 2,186,654; Jan. 9.
Tree, Semiartificial Christmas. P. Stojaneck. 2,186,351; Jan. 9.
Tree spray, Oil. H. Knight. 2,190,173; Feb. 13.
Tree transplanter. W. L. Jeffrey. 2,208,262; July 16.
Tree transplanter. A. J. Leydecker. 2,219,690; Oct. 29.
Tree transporting and transplanting device. C. C. Wilmore. 2,198,690; Apr. 30.
Tree uprooter. H. Tims. 2,191,048; Feb. 20.
Trees from insects, Protecting. G. W. Casteel. 2,201,643; May 21.
Trees, Transplanting. J. V. Hoffer. 2,192,771; Mar. 5.
Trepanning drill. C. E. Kraus. 2,188,631; Jan. 30.
Trestle. C. A. Kinninger. 2,213,008; Aug. 27.
Trestle, Builder's. A. W. Thielepape. 2,198,956; Apr. 30.
Trestle or horse. H. Dion. 2,216,187; Oct. 1.
Trialkylacetamides having saturated alkyl groups and making the same. K. Junkmann and H.-G. Allardt. 2,186,976; Jan. 16.
Triazine, Substituted. J. K. Simons. 2,217,030; Oct. 8.
Trick article. L. Schneider. 2,218,455; Oct. 15.
Trick device. K. S. Franke. 2,199,818; May 7.
Tricycle, Foldable. C. L. Cobb. 2,194,161; Mar. 19.
Trim fastener. H. W. Kost. 2,223,622; Dec. 3.
Trim fastener. W. Marshall. 2,185,816; Jan. 2.
Trim fastener. W. Marshall. 2,208,727; July 23.
Trim for motor vehicle windows, Closure. H. E. Rosner. 2,206,334; July 2.
Trim, Making thermoplastic. D. M. Anderson. 2,223,346; Dec. 3.
Trim material cutter. W. D. Chilton. 2,222,528; Nov. 19.
Trim panel. P. R. Zinser. 2,213,296; Sept. 3.
Trim panel assembly. A. P. Ball. 2,226,840; Dec. 31.
Trim panel, Laminated. M. S. Randall. 2,202,963; June 4.
Trim panel, Laminated. H. J. Woodall. 2,202,977; June 4.
Trim to fabric shoe parts, Attaching rubber. C. H. Chace, A. B. Lingley, and P. J. McCarthy. 2,213,545; Sept. 3.
Trim, Wall. C. G. Wollaeger. 2,203,119; June 4.
Trimmer condenser. L. C. Johnson and C. M. Jorgensen. 2,205,203; June 18.
Trimmer, Disk. F. O. Albertson. 2,190,758; Feb. 20.
Trimmer, Paper. W. C. Eickman. 2,208,966; July 23.
Trimmer, Sheet material portable. E. H. Brockway. 2,216,108; Oct. 1.
Trimming and perforating die. F. G. Kurtzeborn. 2,195,819; Apr. 2.
Trimming and shelf edging, Cellophane looping. G. W. Roth. 2,194,326; Mar. 19.
Trimming board. F. M. Lund. 2,185,985; Jan. 2.
Trimming condenser. W. Braunschweig and O. Zeun. 2,219,003; Oct. 22.
Trimming device. A. S. Prince. 2,207,024; July 9.
Trimming machine. L. Iversen. 2,202,910; June 4.
Trimming machine. J. E. McIntire. 2,199,506; May 7.
Trimethylamine from mixtures of trimethylamine and dimethylamine, Separation of. L. U. Spence. 2,206,585; July 2.
Trimethylamine from mixtures of trimethylamine and monomethylamine, Separation of. L. U. Spence. 2,206,584; July 2.
Trimethylene trinitramine (hexogen), Manufacture of. J. Meissner. 2,208,934; July 23.
Trip record and map, Combined. M. F. Miller. 2,186,204; Jan. 9.
Tripper for oil engines, Automatic. O. E. Buntyn. 2,196,955; Apr. 9.
Tripack. V. B. Sease. 2,189,837; Feb. 13.
Triple action lock. G. H. Ross. 2,218,685; Oct. 22.
Tripod. F. Moore. 2,188,514; Jan. 30.
Tripod adapter for panoramic photography. G. G. Burnett. 2,214,192; Sept. 10.
Tripod leg clamp. H. W. Adams. 2,206,069; July 2.
Tripod leg clamp. J. S. Beggs. 2,211,314; Aug. 13.
Tripod support. J. E. Weaver. 2,188,237; Jan. 23.
Trolley and current collector means. H. J. L. Frank and J. A. Messing. 2,186,376; Jan. 9.
Trolley and current collector means. H. J. L. Frank and J. A. Messing. 2,193,961; Mar. 16.
Trolley collector for bus bar conduit systems. F. Harvey. 2,201,679; May 21.
Trolley construction, Electric. E. A. Horn. 2,210,171; Aug. 6.
Trolley contactor. S. S. Stolp and R. C. Sutton. 2,202,471; May 28.
Trolley conveyer. E. E. Landahl. 2,187,498; Jan. 16.
Trolley device, Overhead. S. S. Matthes. 2,195,733; Apr. 2.
Trolley fixture. R. P. Hanna. 2,221,581; Nov. 12.

Trolley frog and approach end. S. S. Stolp. 2,199,941; May 7.
Trolley guard support. D. A. Ensign. 2,226,462; Dec. 24.
Trolley harp. B. R. Reed. 2,227,229; Dec. 31.
Trolley tender. R. G. Averill. 2,202,723; May 28.
Trolley wheel. A. V. Virostek. 2,222,641; Nov. 26.
Trolley wire support. A. H. Genter. 2,187,309; Jan. 16.
Trolley wire support. A. H. Genter. 2,187,311; Jan. 16.
Trolley wire support. S. S. Matthes. 2,202,707; May 28.
Trolling attachment for motorboats. A. J. McGrete. 2,226,007; Dec. 24.
Trolling lure and hook attachment means therefor. W. M. Haury. 2,214,266; Sept. 10.
Trolling spoon. O. A. Okesson and A. E. Person. 2,215,764; Sept. 24.
Trouble recorder. A. C. Powell. 2,202,921; June 4.
Trough for grading machines, Feed. O. Fesefeldt. 2,204,480; June 11.
Trough for poultry, Feed. O. C. White. 2,221,013; Nov. 12.
Trough, Hog. R. Buck. 2,199,587; May 7.
Trough washer. N. L. Davis, J. D. S. Drinkwater, and T. O. Carlisle. 2,194,139; Mar. 19.
Trousers hanger. R. N. Bagley and F. M. Ralston. 2,192,167; Mar. 5.
Trouser hanger. E. L. Sitter. 2,210,184; Aug. 6.
Trouser hanger. B. B. Stevens. 2,213,537; Sept. 3.
Trouser hanger, Multiple. LeR. S. Morphy. 2,222,234; Nov. 19.
Trousers. R. Pintus. 2,198,738; Apr. 30.
Trousers hanger. J. D. McOsker. 2,222,232; Nov. 19.
Trousers, Sport. S. Klein. 2,206,505; July 2.
Truck. L. G. Bartlett and H. B. Holthouse. 2,205,999; June 25.
Truck. T. N. Fritzsch. 2,218,261–2; Oct. 15.
Truck. E. Latshaw. 2,215,182; Sept. 17.
Truck. W. W. MacDonald. 2,196,533; Apr. 9.
Truck. H. E. Muchnic. 2,197,110; Apr. 16.
Truck. I. B. Remsen. 2,209,581; July 30.
Truck. G. T. Ronk. 2,185,750; Jan. 2.
Truck. I. F. Schreck. 2,209,356; July 30.
Truck. W. P. Stevens. 2,214,311; Sept. 10.
Truck. W. W. Tripp and R. H. Kale. 2,189,089; Feb. 6.
Truck and article carrier assembly, Shop. J. Nazarko. 2,215,529; Sept. 24.
Truck and coupler unit, Combined. F. Pettit. 2,213,286; Sept. 3.
Truck and operating the same, Refrigerator. W. E. Gilmore. 2,210,975; Aug. 13.
Truck and trailer coupling. E. G. Ulrich. 2,195,636; Apr. 2.
Truck, Barrel. W. T. Bissell. 2,196,822; Apr. 9.
Truck, Barrel. I. G. Doty. 2,222,142; Nov. 15.
Truck base for load-lifting machinery. F. C. Edwards. 2,209,392; July 30.
Truck body. W. C. Nabors. 2,205,575; June 25.
Truck body. G. W. Parker, Jr. 2,222,986; Nov. 26.
Truck body attachment. V. L. Colorigh. 2,190,258; Feb. 13.
Truck body construction. C. Marinello. 2,202,015; May 28.
Truck body construction, Stake. P. A. Brick. 2,206,074; July 2.
Truck body for railroad transportation, Demountable. J. G. Valenzuela. 2,223,275; Nov. 26.
Truck body, Refuse handling. G. B. Wood. 2,212,058; Aug. 20.
Truck body, Tiltable. E. R. Barrett. 2,186,796; Jan. 9.
Truck body, Vacuum-insulated. F. R. Beal. 2,222,063; Nov. 19.
Truck bolster stabilizing means. V. L. Green. 2,219,360; Oct. 29.
Truck bolster, Welded. C. F. Walp. 2,226,678; Dec. 31.
Truck brake, Automatic hand. C. H. Taylor. 2,193,947; Mar. 19.
Truck, Camera. J. C. Arnold. 2,211,088; Aug. 13.
Truck, Car. E. Chapman. 2,186,008; Jan. 9.
Truck, Car. R. B. Cottrell. 2,222,478; Nov. 19.
Truck, Car. J. S. McPherson and C. L. Orr. 2,218,432; Oct. 15.
Truck, Car. J. A. Shafer. 2,187,182; Jan. 16.
Truck, Car. J. A. Shafer. 2,187,434; Jan. 16.
Truck, Delivery. R. D. Hansen. 2,205,723; June 25.
Truck, Dump. D. Evangelista. 2,219,256; Oct. 22.
Truck dumping mechanism. H. O. Day. 2,210,142–3; Aug. 6.
Truck, Elevating. G. Meacham. 2,206,788; July 2.
Truck. Folding store service. S. N. Goldman. 2,220,150; Nov. 5.
Truck for burial vaults, Display. F. M. Kriger. 2,220,160; Nov. 5.
Truck for laundry baskets, Folding. H. A. Wagner and J. Gahagan. 2,206,857; July 2.
Truck, Hand. E. M. Harberson. 2,193,283; Mar. 12.
Truck, Hand. E. J. Mercil. 2,198,918; Apr. 30.
Truck, Hand. J. E. Miller. 2,197,587; Apr. 16.
Truck, Hand lift. G. Quayle. 2,217,704; Oct. 15.
Truck, Hoisting and lifting. W. Zeindler. 2,214,005; Sept. 10.
Truck, Industrial. E. J. Dunham. 2,187,197; Jan. 16.
Truck, Industrial. R. C. Howell. 2,220,450; Nov. 5.
Truck, Industrial. B. Ulinski. 2,207,688; July 9.
Truck, Industrial. F. A. Vossenberg. 2,216,697; Oct. 1.
Truck, Industrial. S. Weiss. 2,208,954; July 23.
Truck, Lift. A. M. Barrett. 2,195,668; Apr. 2.
Truck, Lift. A. Bell. 2,204,880; June 18.
Truck, Lift. E. J. Dunham. 2,197,926; Apr. 23.
Truck, Lift. W. Stuebing, Jr. 2,224,166; Dec. 10.
Truck, Lifting. F. G. Mahaffy. 2,203,872; June 11.
Truck, Lifting and transporting. W. O. and W. B. Truitt. 2,193,047; Mar. 12.
Truck mechanism, Dump. L. S. Wood. 2,226,213; Dec. 24.
Truck, Motor. L. M. Viles and H. S. Brown. 2,207,447; June 9.
Truck, Multimotored. F. A. Ward. 2,207,904; July 16.
Truck or trailer front construction. J. J. Black. 2,185,961; Jan. 2.
Truck, Rail car. R. J. Burrows and A. O. Williams. 2,222,602; Nov. 26.
Truck, Rail car. W. B. Dean. 2,210,798; Aug. 6.
Truck, Railway. R. G. Anderson. 2,190,761–3; Feb. 20.
Truck, Railway. D. S. Barrows. 2,200,571; May 14.
Truck, Railway. D. S. Barrows. 2,205,369; June 18.
Truck, Railway. D. S. Barrows. 2,207,848; July 16.
Truck, Railway. D. S. Barrows. 2,217,246; Oct. 8.
Truck, Railway. M. R. Hanna. 2,201,861; May 21.
Truck, Railway. A. J. Hopper. 2,227,136; Dec. 31.
Truck, Railway. O. K. Kjolseth. 2,208,424–5; July 16.
Truck, Railway. H. M. Pflager. 2,193,007; Mar. 12.
Truck, Railway. H. M. Pflager. 2,222,321; Nov. 19.
Truck, Railway car. M. P. Blomberg. 2,189,125; Feb. 6.
Truck, Railway car. J. G. Bower. 2,224,136; Dec. 10.
Truck, Railway car. G. T. Johnson. 2,217,682; Oct. 15.
Truck, Railway car. E. P. O'Connor. 2,206,487; July 2.
Truck, Refuse collecting. L. G. Kurtz and C. C. Ottoson. 2,224,789; Dec. 10.
Truck, Self-propelled mining. C. E. Stoltz. 2,209,177; July 23.
Truck, Six-wheel locomotive. H. W. St. John and G. L. Hutchison. 2,223,297; Nov. 26.
Truck, Spring plankless. R. B. Cottrell. 2,188,641; Jan. 30.
Truck, Spring plankless. R. B. Cottrell. 2,220,218; Nov. 5.
Truck, Spring plankless. D. M. Light. 2,199,360; Apr. 30.
Truck, Spring plankless. A. H. Oelkers. 2,194,447; Mar. 19.
Truck stabilizer, Engine. J. C. Maris. 2,191,408; Feb. 20.
Truck, Stair climbing hand. F. W. Burch. 2,192,396; Mar. 5.
Truck, Steerable vehicle. A. Ronning. 2,208,601; July 23.
Truck, Steerable vehicle. A. Ronning. 2,217,816; Oct. 15.
Truck, Steerable vehicle. A. Ronning. 2,217,818; Oct. 15.
Truck, Store service. S. N. Goldman. 2,201,533; May 21.
Truck structure, Railway. E. G. Busse. 2,197,785; Apr. 23.
Truck structure, Railway. E. G. Busse. 2,226,551; Dec. 31.
Truck support. J. L. Brown. 2,198,758; Apr. 30.
Truck tail-gate lift. C. W. Van Blarcom and W. A. Harris. 2,200,436; May 14.
Truck, Trailer. W. G. Uhlir. 2,186,848; Jan. 9.
Truck, Two-wheel car. J. A. Cameron. 2,190,539; Feb. 13.
Truck, Utility. P. E. Hawkins. 2,222,616; Nov. 26.
Truck, Utility. E. J. Stahl. 2,192,207; Mar. 5.
Truck, Vehicle steering. A. Ronning. 2,208,599; July 23.
Truck, Wheel. D. R. Knapp. 2,198,438; Apr. 23.
Truck, Wheeled. D. G. Morgan. 2,190,368; Feb. 13.
Truck with changeable container, Combination freight. W. C. Gibson and L. R. Hurst. 2,216,972; Oct. 8.
Trucking device and detachable rack therefor. J. T. Earle. 2,199,306; Apr. 30.
Truing apparatus, Forming. H. A. Silven and R. A. Cole. 2,219,264; Oct. 22.
Trunk lid support. W. R. Wiley. 2,221,123; Nov. 12.
Truss. R. F. Haggerty. 2,208,579; July 23.
Truss. M. Portnow. 2,203,235; June 4.
Truss. R. E. Merritt. 2,200,217; May 7.
Truss. W. P. Walter. 2,203,037; June 4.
Truss construction. C. Mackintosh. 2,210,460; Aug. 6.
Truss for roofs, Wooden. W. C. Beattie. 2,187,009; Jan. 16.
Truss pad. W. A. Pease. 2,216,625; Oct. 1.
Truss, Roof. M. Falk. 2,214,049; Sept. 10.
Truss, Rupture. J. S. Foster, Sr. 2,226,509; Dec. 24.
Truss, Vehicle side frame. W. L. Sheppard. 2,216,025; Sept. 24.
Trylon and persphere. B. Horton. 2,202,382; May 28.
Tub. J. D. More. 2,198,631; Apr. 30.
Tub set. W. C. McClaskey. 2,223,075; Nov. 26.
Tubs and the like, Machine for making. A. M. Walstrom. 2,212,487; Aug. 20.
Tube: *See*—
Alloy steel tube.
Braun tube.
Cathode ray projection tube.
Cathode ray transmitting tube.
Cathode ray tube.
Centrifuge tube.
Cold cathode tube.
Collapsible dispensing tube.
Collapsible tube.
Condenser tube.
Current glow tube.
Dial illuminating radio tube.
Discharge tube.

Tube: *See*—
Drawing tube.
Electric discharge tube.
Electric glow discharge tube.
Electric rare gas lighting tube.
Electron beam tube.
Electron discharge tube.
Electron multiplier tube.
Electron scanning tube.
Electron tube.
Electronic discharge tube.
Expanding vein tube.
Finned tube.
Flexible metal tube.
Flexible tube.
Fume tube.
Gas discharge tube.
Gaseous discharge tube.
Glow discharge tube.
Heat protected Pitot-static tube.
High voltage vacuum tube.
Hush tube.
Image analyzing and dissecting tube.
Image converter tube.
Laminated tube.
Mercury cathode discharge tube.
Multiple unit radio tube.
Multiple vacuum tube.
Multiunit tube.
Photoelectric tube.
Picture transmitter tube.
Pneumatic tire tube.
Pool-type X-ray tube.
Power tube.
Pyrometer tube.
Radio tube.
Screen grid tube.
Secondary emitting tube.
Signal-generating tube.
Television transmitter tube.
Television transmitting tube.
Television tube.
Test tube.
Thermionic tube.
Trapped self-draining pitot-static tube.
Vacuum tube.
Vapor electric tube.
Volume control tube.
Voltage converter tube.
Voltage regulator tube.
X-ray tube.

Tube amplifier, A. Andreatta. 2,214,601; Sept. 10.
Tube and method of making, Paper. L. A. Young. 2,203,006; June 4.
Tube and producing same, Gaseous discharge. C. R. Ruse. 2,215,440–1; Sept. 17.
Tube and system, Luminescent. C. P. Boucher. 2,190,009; Feb. 13.
Tube and the like, Cathode-ray. R. M. Bowie. 2,189,261; Feb. 6.
Tube and the like, Electron discharge. M. A. Acheson and R. McClintock. 2,189,260; Feb. 6.
Tube and the like mill. J. E. Kennedy. 2,218,580; Oct. 22.
Tube arrangement, Push-pull. K. Fritz. 2,187,775; Jan. 23.
Tube-bending machine. C. E. Hathorn. 2,223,015; Nov. 26.
Tube cap. H. J. Scheringer. 2,209,665; July 30.
Tube cap holder, Collapsible. G. W. Schumaker. 2,202,927; June 4.
Tube chamfering tool. F. G. Brown. 2,187,221; Jan. 16.
Tube cleaning device. G. W. Allen. 2,193,999; Mar. 19.
Tube cleaning device. C. Maxwell and H. E. Marshall. 2,199,109; Apr. 30.
Tube closure. G. R. Osterholm. 2,186,879; Jan. 9.
Tube compressor. J. Bamber. 2,194,882; Mar. 26.
Tube construction. S. H. Caldwell and J. J. Linton. 2,223,814; Dec. 3.
Tube construction, Diode oscillator. P. T. Farnsworth. 2,189,358; Feb. 6.
Tube construction, Metal. C. A. Horn. 2,190,788; Feb. 20.
Tube construction, Vacuum. E. K. Smith. 2,203,639; June 4.
Tube cooler. R. D. Cheesman and R. Bernhard. 2,218,873; Oct. 22.
Tube, Corrugating a heat-radiating. M. Unger. 2,205,893; June 25.
Tube coupling. A. L. Parker. 2,191,582; Feb. 27.
Tube coupling. A. L. Parker. 2,212,183; Aug. 20.
Tube cut-off apparatus. R. O. and S. Berg. 2,186,061; Jan. 9.
Tube deflection system, Cathode ray. H. O. Roosenstein and G. Paffrath. 2,195,470; Apr. 2.
Tube device, Vacuum. E. Löpp. 2,202,500; May 28.
Tube display, Luminous. H. R. Owen. 2,220,348; Nov. 5.
Tube end-flaring mechanism. J. K. M. Harrison. 2,215,789; Sept. 24.
Tube expander. F. Yochem and C. E. Bodine. 2,215,949; Sept. 24.
Tube flanging tool. R. D. McIntosh. 2,211,242; Aug. 13.
Tube for automobile tires, Inner. W. B. Barry. 2,203,124; June 4.
Tube for automobile tires, Safety inner. W. Van Buren and N. Jones. 2,189,692; Feb. 6.
Tube for beer apparatus, Draft. D. T. Leone, C. Pagano, and A. Cosentino. 2,190,634; Feb. 13.
Tube for furnaces, Heater. A. Ruckstahl. 2,220,582; Nov. 5.
Tube for heat exchanging apparatus. F. M. Barry. 2,224,095; Dec. 3.
Tube for measuring voltages. L. Sutherlin. 2,189,620; Feb. 6.
Tube for microwaves or ultra-short waves, Vacuum. K. Okabe. 2,187,171; Jan. 16.
Tube for pneumatic tire casings. G. C. Arey. 2,207,212; June 9.
Tube for pneumatic tires, Safety inner. L. E. Walk. 2,226,646; Dec. 31.
Tube for tires, Punctureproof. C. G. Vretman. 2,226,453; Dec. 24.
Tube for tires, Self-inflating inner. A. C. Smith. 2,214,597; Sept. 10.
Tube head, Lenard ray. E. A. Kern, S. L. Clothier, and H. C. Hogencamp. 2,187,126; Jan. 16.
Tube holder. M. Marqetti. 2,195,180; Mar. 26.
Tube holder. E. T. Moore. 2,188,227; Jan. 23.
Tube holder and ejector, Collapsible. J. J. Manning. 2,214,507; Sept. 10.
Tube lead-in construction, Electrical space discharge. T. H. Briggs, Jr. 2,206,937; July 9.
Tube, Making. B. L. Quarnstrom. 2,210,338; Aug. 6.
Tube making apparatus. A. M. Wallace. 2,213,152; Aug. 27.
Tube, Method and apparatus for making B. L. Quarnstrom. 2,223,270; Nov. 26.
Tube method of depositing explosive charges, Collapsible. L. A. Burrows and C. A. Woodbury. 2,205,081; June 18.
Tube modulator, Thermionic. J. Hardwick and E. L. C. White. 2,187,782; Jan. 23.
Tube, more particularly for television purposes, Braun K. Schlesinger. 2,226,107; Dec. 24.
Tube, more particularly for television purposes, Cathode ray. K. Schlesinger. 2,188,579; Jan. 30.
Tube mounting and by-pass condenser. R. W. George. 2,223,172; Nov. 26.
Tube of cellulose material, Making a. J. W. Welsh. 2,225,026; Dec. 17.
Tube or tire, Safety inner. H. Legowsky and C. Menzies. 2,223,007; Nov. 26.
Tube-oscillator, Negative transconductance. E. W. Herold. 2,217,748; Oct. 15.
Tube oscillator, Vacuum. D. Pasma. 2,189,402; Feb. 6.
Tube, Preparing a transparent laminated. O. A. Cherry and C. A. Cabell. 2,207,116; July 9.
Tube, Producing a photoelectric. P. Görlich. 2,187,234; Jan. 16.
Tube quenching apparatus. J. J. Dunn. 2,196,960; Apr. 9.
Tube renovation. R. Armstrong. 2,200,528; May 14.
Tube repairing device, Inner. L. Kendall. 2,193,514; Mar. 12.
Tube rolling mill. M. Roeckner and J. Severin. 2,224,487; Dec. 10.
Tube sanding tool. J. T. Roberts. 2,196,942; Apr. 9.
Tube slotting or punching die. A. A. Hale. 2,204,273; June 11.
Tube squeezer. A. A. Weisberger. 2,210,226; Aug. 6.
Tube structure. R. H. Hobrock. 2,224,346; Dec. 10.
Tube system and apparatus, Luminescent. C. P. Boucher. 2,190,010; Feb. 13.
Tube tester. G. M. Buchard. 2,198,242; Apr. 23.
Tube tester. G. V. Eltgroth. 2,201,764; May 21.
Tube tester. J. F. Morrison. 2,198,503; Apr. 23.
Tube tester. F. E. Wenger. 2,190,962; Feb. 20.
Tube testing device. W. De Verter. 2,200,618; May 14.
Tube testing device. B. A. Little. 2,203,688; June 11.
Tube testing means, Inner. A. E. Lookholder. 2,192,232; Mar. 5.
Tube titration apparatus, Cathode ray. G. F. Smith. 2,192,777; Mar. 5.
Tube welding apparatus. J. L. Anderson. 2,203,319; June 4.
Tube with synchronizing electrode, Braun. H.-H. Wolff. 2,196,375; Apr. 9.
Tubes and the like, Making boiler. T. E. Murray. 2,220,579; Nov. 5.
Tubes, Coating luminescent. S. Isenberg and R. C. Hultgren. 2,222,510; Nov. 19.
Tubes for display purposes, Process and apparatus for producing indicia. A. Kaufman. 2,185,733; Jan. 2.
Tubes for pneumatic tire casings, Making safety inner. G. C. Arey. 2,190,202; Feb. 13.
Tubes, Forming. C. Wright. 2,199,602; May 7.
Tubes in inclined rolling mills, Production of metal. F. Kochs and J. Mehren. 2,198,540; Apr. 23.
Tubes in wells, Sealing or fixing casing. W. B. Lerch, C. H. Mathis, and E. J. Gatchell. 2,198,120; Apr. 23.
Tubes, Knitting elastic. E. Fleer. 2,211,228; Aug. 13.
Tubes, Making of seamless steel. E. C. Wright. 2,218,458; Oct. 15.
Tubes, Making seamless. J. L. Mauthe. 2,227,313; Dec. 31.
Tubes, Manufacture of Bessemer steel seamless. J. E. Gould and P. D. Nielsen. 2,209,968; Aug. 6.
Tubes, Manufacture of fluorescent discharge. J. H. G. Pearce. 2,192,869; Mar. 5.
Tubes, Means for drawing. W. L. Smith. 2,196,646; Apr. 9.
Tubes, Method and apparatus for reinforcing inner. H. T. Kraft. 2,208,868; July 23.
Tubes, Method of coupling. F. B. Wendel. 2,209,181; July 23.
Tubes or containers, Shaping. J. A. Dove. 2,194,385; Mar. 19.
Tubes, Producing luminous. A. Steadman. 2,212,134; Aug. 20.
Tubes, Sealing collapsible. M. Hallead. 2,187,516; Jan. 16.
Tubes, Shaping. F. Meyer. 2,209,739; July 30.
Tubing and casing head. S. P. Tschappat. 2,185,478; Jan. 2.
Tubing and the product so produced, Making. R. Weingand and G. Brummack. 2,210,436; Aug. 6.
Tubing, Apparatus for finishing welded. J. B. Borgadt. 2,187,485; Jan. 16.

Tubing blanks, Method and apparatus for making. W. H. Said. 2,198,741; Apr. 30.
Tubing bleeder. C. O. Tullberg and R. D. Frampton. 2,215,599; Sept. 24.
Tubing catcher. H. H. Hall. 2,214,196; Sept. 10.
Tubing catcher and anchor. R. K. Hertel. 2,221,797; Nov. 19.
Tubing, Continuous process of manufacturing rubber. F. W. Peel. 2,210,000; Aug. 6.
Tubing cutter. C. Howard. 2,200,172; May 7.
Tubing, Flexible wire. O. J. Bratz. 2,187,873; Jan. 23.
Tubing head and hanger. J. H. Howard. 2,211,122; Aug. 13.
Tubing head, Pressure control. A. J. and K. T. Penick. 2,223,702; Dec. 3.
Tubing, Lock seam. B. L. Quarnstrom. 2,198,415; Apr. 23.
Tubing, Making. J. W. Offutt. 2,215,933; Sept. 24.
Tubing, Making. B. L. Quarnstrom. 2,216,519; Oct. 1.
Tubing, Making veneered. E. M. Sims. 2,221,208; Nov. 12.
Tubing, Manufacture of. C. A. Nichols. 2,214,108; Sept. 10.
Tubing, Manufacture of multiply. C. A. Nichols and R. H. Bish. 2,195,751; Apr. 2.
Tubing, Method and apparatus for forming multiply. C. A. Nichols. 2,205,821; June 25.
Tubing, Method and apparatus for making brazed. C. A. Nichols and R. H. Bish. 2,197,191; Apr. 16.
Tubing, Method of and machine for forming. J. F. Levan. 2,212,715; Aug. 27.
Tubing, Process and apparatus for forming. R. Bösel and A. Seib. 2,223,057; Nov. 26.
Tubing, Production of. W. H. Halliwell. 2,211,742; Aug. 13.
Tubing protector. T. R. Cowan. 2,197,778; Apr. 23.
Tubing, Reinforced thin wall. J. S. Reid. 2,196,708; Apr. 9.
Tubing, Restrictor. J. Karmazin. 2,199,631; May 7.
Tubing support. C. C. Brown. 2,189,575; Feb. 6.
Tubing, Suspending ventilation. F. M. Bins. 2,222,497; Nov. 19.
Tubing, Welded seam clad. D. S. Wolcott. 2,222,579; Nov. 19.
Tubular article. H. S. Riddle and C. E. Knight. 2,227,275; Dec. 31.
Tubular articles, Apparatus and method for making. J. N. Whitehouse. 2,194,488; Mar. 26.
Tubular construction. I. J. Novak. 2,213,253; Sept. 3.
Tubular frame. R. M. Stowe. 2,185,904; Jan. 2.
Tubular inserts, Making. C. J. Keller. 2,216,201; Oct. 1.
Tubular lock. K. A. Brauning. 2,207,143; July 9.
Tubular members having thick walled end portions, Forming. H. D. Heman. 2,196,497; Apr. 9.
Tubular members, Joining intersecting. V. S. Penote. 2,219,599; Oct. 29.
Tubular members, Method and apparatus for making. H. J. Klug. 2,217,985; Oct. 15.
Tubular products, Process and apparatus for simultaneously drying and conveying. E. Braun. 2,211,490; Aug. 13.
Tufting machine. J. M. Gladish. 2,224,866; Dec. 17.
Tufting machine. F. M. Murphey. 2,193,109; Mar. 12.
Tufting machine, Lever operated. W. B. Patey. 2,226,829; Dec. 31.
Tumbler decorating apparatus. H. R. Schutz and L. O. Mankin. 2,198,565; Apr. 23.
Tumbler, Drying. S. J. Locke. 2,219,233; Oct. 22.
Tumbler handling apparatus. H. R. Schutz and J. H. Treece. 2,206,267; July 2.
Tumbler lock. J. C. Busche. 2,212,262; Aug. 20.
Tumbler, Preheating. K. E. Stenberg. 2,221,727; Nov. 12.
Tumbler press. T. H. Sloan. 2,186,179; Jan. 9.
Tumbler rack. A. J. Havlis. 2,191,693; Feb. 27.
Tumbler switch. G. R. Brown and F. H. Cowe. 2,195,295; Mar. 26.
Tumbling figure. C. B. Herzinger. 2,218,207; Oct. 15.
Tumbling machine. C. A. Old. 2,197,277; Apr. 16.
Tuned system, Stabilized. J. F. Farrington. 2,197,239; Apr. 16.
Tuner including manual adjustment means, Automatic. D. C. Manning and L. S. Depweg. 2,214,506; Sept. 10.
Tuner, stringed instrument. E. Harvey. 2,201,536; May 21.
Tuning and control system, Automatic. W. E. Newman. 2,210,425; Aug. 6.
Tuning arrangement for high frequency apparatus. J. Goldmann. 2,203,329; June 4.
Tuning condenser for high frequency purposes. H. A. Moore. 2,210,494; Aug. 6.
Tuning control device for radio receivers and the like. R. B. Albright. 2,211,041; Aug. 13.
Tuning control system for radio receivers. W. Mahnken. 2,205,103; June 18.
Tuning control system for radio receivers. W. Mahnken. 2,224,193; Dec. 10.
Tuning device for radio receivers, Automatic. E. N. Muller. 2,207,467; July 9.
Tuning device for radio receivers, Automatic. A. W. Plensler. 2,208,549; July 16.
Tuning device for string instruments. F. J. Nickel, Jr. 2,201,869; May 21.
Tuning for radio receiving apparatus, Automatic. A. Horowitz and G. B. Knox. 2,218,088; Oct. 15.
Tuning indicator circuit. W. van B. Roberts. 2,189,300; Feb. 6.
Tuning indicator circuit. K. Steimel and K. Mie. 2,219,506; Oct. 29.
Tuning indicator circuit. F. B. Stone. 2,204,056; June 11.
Tuning indicator device. H. Heins. 2,223,285; Nov. 26.
Tuning indicator system for radio receiving apparatus, and the like. G. L. Beers. 2,204,398; June 11.
Tuning mechanism. L. L. de Kramolin. 2,202,840; June 4.
Tuning mechanism. G. B. Knös and A. Horowitz. 2,205,097; June 18.
Tuning mechanism, Automatic. W. Noack. 2,210,426; Aug. 6.
Tuning mechanism for a radio set, Mechanical. J. S. Robb. 2,213,849; Sept. 3.
Tuning mechanism for a radio set, Mechanical. J. H. Teaf. 2,211,444; Aug. 13.
Tuning mechanism for radio receiving set. A. S. Wells. 2,214,785; Sept. 17.
Tuning, Permeability. W. A. Schaper. 2,213,328; Sept. 3.
Tuning, Selective. K. H. Krambeer. 2,186,702; Jan. 9.
Tuning system. D. R. De Tar. 2,186,823; Jan. 9.
Tuning system. E. W. Forstrom. 2,186,828; Jan. 9.
Tuning system, Automatic. W. R. Koch. 2,190,319; Feb. 13.
Tuning system, Motor driven. H. H. Beizer and W. E. Newman. 2,204,065; June 11.
Tungsten, and the product thereof, Method and apparatus for treating. C. V. Iredell and T. J. Hankins. 2,215,645; Sept. 24.
Tunnel construction. A. Bull. 2,197,374; Apr. 16.
Tunnel kiln ware support. W. O. Prouty. 2,207,412; July 9.
Tunnel timbering structure, Mine. P. Moisseeff-Muspratt. 2,192,554; Mar. 5.
Tunneling apparatus. A. D. Caputo. 2,196,100; Apr. 2.
Tunneling machine. F. M. Swansen. 2,226,643; Dec. 31.
Turbine. H. W. Davis. 2,223,953; Dec. 3.
Turbine. A. Lysholm. 2,200,287; May 14.
Turbine. A. Lysholm and G. K. W. Boestad. 2,226,249; Dec. 24.
Turbine. L. D. Millard. 2,199,595; May 7.
Turbine. T. J. Reed. 2,195,938; Apr. 2.
Turbine. H. R. Stuart. Re. 21,382; Mar. 5.
Turbine apparatus. J. C. Bohan. 2,197,334; Apr. 16.
Turbine apparatus. A. Egli. 2,197,521; Apr. 16.
Turbine blade. J. D. Conrad. 2,225,769; Dec. 24.
Turbine blade fastening. C. R. Soderberg. 2,211,866; Aug. 20.
Turbine blade manufacture. J. F. Chalupa. 2,215,171; Sept. 17.
Turbine blades, Magnetic testing of. I. N. Oglevee. 2,225,179; Dec. 17.
Turbine blades while securing the same, Spacing. L. F. Small, P. F. Lee, and A. A. Jennings. 2,219,339; Oct. 29.
Turbine, Combustion gas. C. F. Rocheville. 2,222,183; Nov. 19.
Turbine construction. A. W. Carlson. 2,195,325; Mar. 26.
Turbine diaphragm arrangement. G. A. Spencer 2,217,500; Oct. 8.
Turbine, Elastic fluid. D. J. Bloomberg. 2,186,952; Jan. 16.
Turbine, Elastic fluid. W. E. Blowney. 2,215,997; Sept. 24.
Turbine, Elastic fluid. H. Kraft. 2,187,788; Jan. 23.
Turbine, Fluid. R. R. Harris. 2,209,270; July 23.
Turbine for expansion of gas to produce refrigeration. G. Zerkowitz. 2,204,169; June 11.
Turbine, Gas. R. A. A. Couzinet. 2,195,025; Mar. 26.
Turbine, Gasoline. G. H. Armstrong. 2,188,128; Jan. 23.
Turbine joint seal structure. C. J. Wilson. 2,211,874; Aug. 20.
Turbine packing arrangement, Elastic fluid. G. W. Stroebel. 2,199,250; Apr. 30.
Turbine plant, Elastic fluid. A. R. Smith. 2,188,194; Jan. 23.
Turbine plant, Gas. C. Seippel. 2,193,114; Mar. 12.
Turbine pump. J. R. Betts. 2,226,892; Dec. 31.
Turbine pump bearing. C. A. and M. H. Robben. 2,192,665; Mar. 5.
Turbine, Radial flow elastic fluid. R. O. J. Möller. 2,218,957; Oct. 22.
Turbine rotor. R. P. Kroon. 2,211,857; Aug. 20.
Turbine supporting arrangement. G. B. Warren. 2,195,230; Mar. 26.
Turbine torque converter combined with turbine clutch. J. Jandasek. 2,222,618; Nov. 26.
Turbine transmission, Planetary. A. G. and H. Schneider. 2,224,884; Dec. 17.
Turbine type mixer. A. Brothman. 2,212,261; Aug. 20.
Turbines and apparatus therefor, Operating combustion. W. Schmidt. 2,207,762; July 16.
Turbines, Operation of steam. M. Werner and H. Tietz. 2,204,522; June 11.
Turbosupercharger mounting. R. Birmann. 2,216,731; Oct. 8.

Turbotransmission control means. W. Auer. 2,214,190; Sept. 10.
Turf-piercing machine. A. G. Rose. 2,206,264; July 2.
Turf spiking tool. S. W. Thompson. 2,193,575; Mar. 12.
Turn indicator. P. Kollsman. 2,215,447; Sept. 17.
Turn indicator for aircraft, Gyroscopic. E. B. Moss. 2,199,290; Apr. 30.
Turn-over door. A. T. Prescott. 2,187,363; Jan. 16.
Turn signal. W. B. Leifur. 2,197,151; Apr. 16.
Turnable means for camera take-up spools. J. Galter. 2,213,492; Sept. 3.
Turner, Glove. C. Snyder. 2,218,056; Oct. 15.
Turner, Music leaf. W. L. Wilkinson. 2,222,130; Nov. 19.
Turning and milling machine. A. L. Stone, J. A. Tytus, and J. H. Appleton. 2,222,206; Nov. 19.
Turnstile, Check controlled and dispensing. H. M. Kilpatrick. 2,204,877; June 18.
Turntable for conveyer assemblies. F. Haug and P. Baur. 2,221,837; Nov. 19.
Turpentine hack and puller. W. A. Sessoms. 2,218,054; Oct. 15.
Turret, Gun. M. Watter. 2,203,345; June 4.
Tuyère. G. Fox. 2,200,497; May 14.
Tuyères or the like, Cooling. G. Fox. 2,215,871; Sept. 24.
Tweezer. C. A. Gratiot. 2,224,384; Dec. 10.
Tweezers. H. Bachmann. 2,214,984; Sept. 17.
Tweezers. W. A. Wood. 2,199,685; May 7.
22,23-Dibromostigmasterolacetate and preparing it. M. Bockmühl, G. Ehrhart, H. Ruschig, and W. Aumüller. 2,203,611; June 4.
Twine supply to harvesting mechanism, Device for stabilizing binder. C. MacKinnon. 2,186,981: Jan. 16.
Twist drill. W. F. Bannister. 2,193,186; Mar. 12.
Twist drills and helical shapes, Method of and apparatus for forming. A. Hurschman. 2,223,107; Nov. 26.
Twister traveler. P. C. Wentworth. 2,206,591; July 2.
Twisting machine. O. Wennberg. 2,217,301; Oct. 8.
Twisting machine and method. H. P. Welch. 2,226,352; Dec. 24.
Twisting reinforcements for concrete. R. Schmidt. 2,216,758; Oct. 8.
2-amino-4-chloropyrimidine, Preparing. J. P. English. 2,224,811; Dec. 10.
2-aminopyrimidines. R. O. Roblin, Jr., and J. P. English. 2,224,836; Dec. 10.
2-and 2:7-di-alkylarylcarbamylfluorenes and fluorene-2- and 2:7-dicarboxylic acids and making them. G. Sheldrick and M. Wyler. 2,195,289; Mar. 26.
2-aryl-pseudonaphthazimides, Hydroxylated. G. Bonhôte and C. Apotheker. 2,198,300; Apr. 23.
2-Chloro-1, 3-butadins, Making. A. S. Carter. 2,207,784; July 16.
2-Chloroallyl esters of saturated monocarboxylic acids. G. H. Coleman and B. C. Hadler. 2,208,960; July 23.
2-Chloroallyl ethers of phenols. G. H. Coleman. 2,205,395; June 25.
Two-cycle combustion engine. B. A. Swanson. 2,213,418; Sept. 3.
Two-cycle Diesel engine. B. A. Swanson. 2,221,156; Nov. 12.
Two cycle engine. R. Daub. 2,196,252; Apr. 9.
Two-direction movement regulator. A. S. Greif. 2,194,700; Mar. 26.
2-Methyl-allyl propionate and making same. G. H. Coleman and G. V. Moore. 2,207,613; July 9.
2-methyl-4-amino-5-thioformylaminomethyl-pyrimidine and process for the manufacture of amides of thioformic acid. M. Hoffer. 2,220,243; Nov. 5.
2-Methyl-4,6-dioxo-5-iodo-tetrahydro-pyridine-1-acetic acid and the manufacture thereof. O. Schnider. 2,212,187; Aug. 20.
Two-pass water tube boiler. R. W. Rutledge. 2,226,076; Dec. 24.
2(p-nicotinylaminobenzenesulfonamide) pyridine and its salts, and preparing them. E. H. Stuart. 2,186,773; Jan. 9.
Two-stroke internal combustion engine. O. Lund and O. Petersen. 2,219,093; Oct. 22.
Two way X-ray tilt table. W. H. Haupt. 2,222,888; Nov. 26.
Two wheeled motor vehicle. J. G. Tingle. 2,201,639; May 21.
Tying machine. S. L. Matousek. 2,197,397; Apr. 16.
Tympano. Le R. J. Jeffries. 2,205,593; June 25.
Type and mechanism therefor, Setting. J. L. Weigand. 2,189,539; Feb. 6.
Type bar actuating mechanism in standard and portable typewriters. A. Tombolini. 2,198,520; Apr. 23.
Type for superimposed printing, Preparation of. G. W. Bungay. 2,199,614; May 7.
Type form clamp. C. L. Self. 2,194,812; Mar. 26.
Type holder. J. J. Riehl. 2,218,220; Oct. 15.
Type securing device. H. A. Knight. 2,216,293; Oct. 1.
Typesetting machine. C. S. Stevens. 2,197,061; Apr. 16.
Type soldering and aligning machine. J. L. Petz, C. W. Crumrine, and R. D. Dodge. 2,220,491; Nov. 5.
Type tying-up device. W. Stolle. 2,210,307; Aug. 6.
Typewriter. W. Eiselt. 2,193,511; Mar. 12.
Typewriter. K. D. Evans. 2,198,005; Apr. 23.
Typewriter. E. Loewenstein. 2,195,464; Apr. 2.
Typewriter. M. Pfau. 2,209,705; July 30.
Typewriter. R. S. Reid. 2,202,565; May 28.
Typewriter. R. S. Reid. 2,211,911; Aug. 20.
Typewriter. J. L. Sweeney. 2,209,616; July 30.
Typewriter. J. L. Sweeney and H. Bates. 2,186,048; Jan. 9.
Typewriter. C. Wittenmyer. 2,188,935; Feb. 6.
Typewriter and cabinet accessory, Portable. H. C. Rickard. 2,215,158; Sept. 17.
Typewriter and perforator, Combination. B. King. 2,210,915; Aug. 13.
Typewriter attachment. B. E. Dubbs. 2,196,335; Apr. 9.
Typewriter attachment. P. Perritt. 2,195,782; Apr. 2.
Typewriter cabinet. A. C. Thompson. 2,194,333; Mar. 19.
Typewriter, calculating machine and the like. J. P. O'Halloran and A. E. Crocker. 2,199,291; Apr. 30.
Typewriter carrier. G. W. Schad. 2,215,978; Sept. 24.
Typewriter character spacing means. A. C. Waite. 2,220,185; Nov. 5.
Typewriter, Escapement mechanism for the carriage of a. E. Buschmann. 2,212,435; Aug. 20.
Typewriter key locking attachment. M. F. Cooke. 2,191,706; Feb. 27.
Typewriter machine. T. J. Paxton. 2,221,407; Nov. 12.
Typewriter ribbon device. J. C. Hochman. 2,226,863; Dec. 31.
Typewriter, Solenoid cryptographic. P. T. Carew and W. F. Werner. 2,190,649; Feb. 20.
Typewriter table. C. A. Ford. 2,206,004; June 25.
Typewriters. H. Bates and J. L. Sweeney. 2,206,624; July 2.
Typewriters, Variable spacing mechanism for. A. C. and C. F. Waite. 2,220,184; Nov. 5.
Typewriting and calculating machine. A. G. F. Kurowski. 2,214,082; Sept. 10.
Typewriting and computing machine, Combined. H. L. Pitman. 2,192,365; Mar. 5.
Typewriting and computing machine, Combined. H. L. Pitman. 2,193,643; Mar. 12.
Typewriting and computing machine, Combined. H. L. Pitman. 2,202,671; May 28.
Typewriting and computing machine, Combined. H. L. Pitman. 2,206,577; July 2.
Typewriting and computing machine, Combined. H. L. Pitman. 2,216,627; Oct. 1.
Typewriting and computing machine, Combined. H. L. Pitman. 2,225,484; Dec. 17.
Typewriting and computing machine, Combined. W. T. Sagner. 2,186,347; Jan. 9.
Typewriting and computing machine, Combined. J. Toggenburger. 2,195,606; Apr. 2.
Typewriting and like machine. H. A. Heinrich. 2,208,794; July 23.
Typewriting and like machine. H. A. Heinrich. 2,220,241; Nov. 5.
Typewriting and like machine. H. A. Heinrich. 2,225,340; Dec. 17.
Typewriting and like machine. G. K. Howland and O. E. Hultgren. 2,201,775; May 21.
Typewriting and like machine. E. W. Sibley. 2,225,356; Dec. 17.
Typewriting and like machine. C. E. Smith. 2,208,806; July 23.
Typewriting-calculating machine or the like with total-taking mechanism. H. E. Kämmel. 2,186,642; Jan. 9.
Typewriting machine. H. A. Avery, J. P. Barkdoll, and L. F. Evans. 2,218,736; Oct. 22.
Typewriting machine. C. H. Beiderbecke. 2,199,535; May 7.
Typewriting machine. C. H. Beiderbecke. 2,200,767; May 14.
Typewriting machine. W. A. Dobson. 2,189,060; Feb. 6.
Typewriting machine. W. A. Dobson. 2,196,790; Apr. 9.
Typewriting machine. W. A. Dobson. 2,204,248; June 11.
Typewriting machine. W. A. Dobson. 2,209,222–3; July 23.
Typewriting machine. W. A. Dobson. 2,210,569–70; Aug. 6.
Typewriting machine. W. A. Dobson. 2,214,076; Sept. 10.
Typewriting machine. W. A. Dobson. 2,223,028; Nov. 26.
Typewriting machine. W. A. Dobson. 2,226,924; Dec. 31.
Typewriting machine. R. D. Dodge. 2,213,562; Sept. 3.
Typewriting machine. R. D. Dodge. 2,217,159–60; Oct. 8.
Typewriting machine. R. D. Dodge. 2,224,766; Dec. 10.
Typewriting machine. B. J. Dowd. 2,211,967; Aug. 20.
Typewriting machine. B. J. Dowd. 2,211,969; Aug. 20.
Typewriting machine. H. D. Geiser. 2,200,693; May 14.
Typewriting machine. E. W. Gifford. 2,220,483; Nov. 5.
Typewriting machine. G. F. Handley. 2,196,437; Apr. 9.
Typewriting machine. G. F. Handley. 2,214,413; Sept. 10.
Typewriting machine. H. J. Hart. 2,202,451; May 28.
Typewriting machine. H. J. Hart. 2,208,367; July 16.
Typewriting machine. H. J. Hart. 2,210,168; Aug. 6.
Typewriting machine. W. F. Helmond. 2,189,066; Feb. 6.
Typewriting machine. W. F. Helmond. 2,193,627; Mar. 12.
Typewriting machine. W. F. Helmond. 2,198,818; Apr. 30.

Typewriting machine. W. F. Helmond. 2,204,249; June 11.
Typewriting machine. W. F. Helmond. 2,209,226–7; July 23.
Typewriting machine. W. F. Helmond. 2,216,616; Oct. 1.
Typewriting machine. W. F. Helmond. 2,223,036; Nov. 26.
Typewriting machine. W. F. Helmond. 2,225,449–50; Dec. 17.
Typewriting machine. W. F. Helmond. 2,226,931; Dec. 31.
Typewriting machine. J. J. Kittel. 2,214,415; Sept. 10.
Typewriting machine. J. Krüger. 2,218,956; Oct. 22.
Typewriting machine. A. G. F. Kurowski. 2,209,231; July 23.
Typewriting machine. L. C. Meyers. 2,224,083; Dec. 3.
Typewriting machine. W. O. Michelsen. 2,211,968; Aug. 20.
Typewriting machine. L. C. Myers. 2,209,279; July 23.
Typewriting machine. L. C. Myers. 2,214,414; Sept. 10.
Typewriting machine. S. A. Neidich. 2,200,932; May 14.
Typewriting machine. J. J. Noonan. 2,217,180; Oct. 8.
Typewriting machine. H. L. Pitman. 2,219,371; Oct. 29.
Typewriting machine. J. A. B. Smith. 2,206,583; July 2.
Typewriting machine. R. G. Thompson. 2,185,742; Jan. 2.
Typewriting machine. R. G. Thompson. 2,223,235; Nov. 26.
Typewriting machine. T. E. Torkelson. 2,213,572; Sept. 3.
Typewriting machine. R. von Reppert. 2,192,627; Mar. 5.
Typewriting machine, Manifolding. F. K. Davis. 2,204,247; June 11.
Typewriting machines. J. F. Peiffer. Re. 21,493; June 25.
Typewriting, typesetting, and similar machine. E. Gaston. 2,196,987; Apr. 16.
Typing machine. H. C. Jones. 2,201,776; May 21.
Typing machine, Justifying and variable spacing. S. R. Nicks. 2,188,252; Jan. 23.
Typing machines, Ink fountain. G. E. Pelton. 2,226,347; Dec. 24.
Typographic apparatus. L. Grudin. 2,191,713; Feb. 27.
Typographical casting machine. R. F. A. Denker. 2,201,336; May 21.
Typographical composing and casting machine. H. Brandenburg. 2,190,112; Feb. 13.
Typographical composing and casting machine. G. P. Kingsbury. 2,201,140; May 21.
Typographical composing and distributing machine. R. H. Scott. 2,195,153; Mar. 26.
Typographical composing machine. G. W. Allan and A. H. Simpson. 2,199,772; May 7.
Typographical composing machine. H. Brandenburg 2,191,844; Feb. 27.
Typographical composing machine. H. Brandenburg. 2,222,894; Nov. 26.
Typographical composing machine. H. H. Connor. 2,187,112; Jan. 16.
Typographical composing machine. E. Gayter and A. S. Hayward. 2,195,146; Mar. 26.
Typographical composing machine. J. C. Packard. 2,210,597; Aug. 6.
Typographical composing machine. P. Sckrabei. 2,222,917; Nov. 26.
Typographical composing machine. R. H. Scott, W. F. Gorse, and A. S. Hayward. 2,207,027; July 9.
Typographical composing machine. R. H. Scott, W. F. Gorse, and A. S. Hayward. 2,211,169; Aug. 13.
Typographical composing machine. R. H. Scott, W. F. Gorse, and A. S. Hayward. 2,214,892; Sept. 17.
Typographical composing machine. R. E. Sylte. 2,200,707; May 14.
Typographical machine. C. E. Murray. 2,187,278; Jan. 16.
Typographical slug casting machine. J. R. Cory. 2,221,344; Nov. 12.
Typographical slug casting machine. H. R. Freund. 2,201,084; May 14.
Typographical slug casting machine. G. P. Kingsbury. 2,220,410; Nov. 5.
Typographical slug casting machine. R. H. Scott, W. F. Gorse, and A. S. Hayward. 2,201,633; May 21.
Typographical slug casting machine. R. H. Scott, W. F. Gorse, and A. S. Hayward. 2,207,028–9; July 9.
Typographical slug casting machine. F. C. Van Schaick. 2,195,138; Mar. 26.
Ullage rod. O. Watson. 2,189,236; Feb. 6.
Ultracentrifuge. J. W. McBain. 2,213,107; Aug. 27.
Ultra-high-frequency generator. W. Dallenbach and W. Kleinsteuber. 2,225,259; Dec. 17.
Ultra-high-frequency signal-translating stage. R. L. Freeman. 2,211,718; Aug. 13.
Ultra-short-wave device. W. C. Hahn. 2,222,901; Nov. 26.
Ultra-short-wave transmitting and receiving device. E. Wilckens. 2,203,760; June 11.
Ultra short wave tube circuit. W. Graffunder. 2,192,306; Mar. 5.
Ultraviolet spark, Controlled. F. E. Null. 2,208,386; July 16.
Umbrella. L. A. Capaldo. 2,187,372; Jan. 16.
Umbrella. B. J. Jostes. 2,185,466; Jan. 2.
Umbrella. E. Okun. 2,221,289; Nov. 12.
Umbrella. H. G. Peck. 2,224,882; Dec. 17.
Umbrella. N. Ronkin. 2,200,897; May 14.
Umbrella. L. Sweet and L. Sweet. 2,213,058; Aug. 27.
Umbrella and base therefor, Combined. D. P. Talamantes. 2,227,113; Dec. 31.
Umbrella carrier. S. I. Goldstein. 2,190,264; Feb. 13.
Umbrella, Folding. H. Haupt. 2,194,389; Mar. 19.
Umbrella, Folding. H. Haupt. 2,204,536; June 11.
Umbrella, Folding. E. Okun. Re. 21,492; June 25.
Umbrella, Folding. E. Okun. 2,221,288; Nov. 12.
Umbrella frame. E. Köhler. 2,215,738; Sept. 24.
Umbrella handle for holding rubbers, sandals, or overshoes. R. G. Halstead. 2,220,900; Nov. 12.
Umbrella, Microphone. B. F. Ryan. 2,207,823; July 16.
Umbrella rib tip. R. W. Carlisle. 2,185,587; Jan. 2.
Umbrella safety device. T. D. Palmer and E. E. Walko. 2,212,949; Aug. 27.
Umbrella support. J. H. Hamilton. 2,223,253; Nov. 26.
Uncoupling mechanism. A. J. Bazeley. 2,217,722; Oct. 15.
Uncoupling mechanism. W. J. Metzger. 2,202,666; May 28.
Undercarriage, Retractable. J. Mercier. 2,220,456; Nov. 5.
Underframe. A. G. Dean. 2,185,976; Jan. 2.
Undergarment. J. A. Goldfarb. 2,194,791; Mar. 26.
Undergarment. W. Hurd. 2,215,291; Sept. 17.
Undergarment. M. Imershein. Re. 21,595; Oct. 8.
Undergarment. H. L. Jasper. 2,194,181; Mar. 19.
Undergarment. H. Schoebel. 2,221,493; Nov. 12.
Undergarment for women. N. Bisberg. 2,227,214; Dec. 31.
Undergarment, Infant's. R. M. De Luco. 2,201,662; May 21.
Undergarments, Woman's. R. H. Lawson. 2,212,027; Aug. 20.
Underground exploration. G. L. Hassler. 2,197,453; Apr. 16.
Underlay for floor coverings. O. L. Dallia. 2,225,906; Dec. 24.
Underreamer. E. H. Zum-Berge. 2,203,246; June 4.
Underreamer, Hole. W. B. Dunlap, Jr. 2,225,165; Dec. 17.
Underreamer, Rotary. J. C. Stokes. 2,216,895; Oct. 8.
Underreamer with flattened cutter. E. Koppl. 2,222,818; Nov. 26.
Underwater connector. R. Temple, Jr. 2,189,439; Feb. 6.
Underwear. W. Hurd. 2,190,425; Feb. 13.
Underwear. G. D. Pray. 2,204,380; June 11.
Unhairing process. D. W. Jayne, Jr. 2,192,380; Mar. 5.
Uniform, Nurse's interchangeable. M. Cohen. 2,211,100; Aug. 13.
Union. J. R. Martin. 2,212,571; Aug. 27.
Union. H. C. Otis. 2,188,557; Jan. 30.
Union. K. C. Woolley. 2,208,353; July 16.
Union ball check valve. H. N. Davis. 2,192,541; Mar. 5.
Union for well heads. H. C. Otis. 2,212,036; Aug. 20.
Unitary guiding and latching means for automobile hoods. W. H. Krause. 2,211,829; Aug. 20.
Unitary pot press. F. S. Carver. 2,226,920; Dec. 31.
Units from standardized blanks, Forming various. A. L. Parker. 2,222,629; Nov. 26.
Universal coupling. F. E. Nelson. 2,206,291; July 2.
Universal electric connector. G. Price. 2,221,925; Nov. 19.
Universal foot support. H. E. Stark. 2,207,833; July 16.
Universal joint. E. B. Anderson. 2,204,745; June 18.
Universal joint. P. C. A. M. D'Aubarede. 2,214,293; Sept. 10.
Universal joint. A. F. Greiner. 2,207,980–1; July 16.
Universal joint. F. M. Guy. 2,213,277; Sept. 3.
Universal joint. H. M. Hiester. 2,219,591; Oct. 29.
Universal joint. M. W. Humphreys. 2,212,068; Aug. 20.
Universal joint. E. R. Koppel. 2,194,798; Mar. 26.
Universal joint. H. J. Murphy. 2,208,547; July 16.
Universal joint. D. A. Salvetti. 2,211,388; Aug. 13.
Universal joint. G. S. Schairer. 2,217,969; Oct. 15.
Universal joint. W. W. Slaght. 2,209,854–5; July 30.
Universal joint. J. R. Snyder. 2,208,314; July 16.
Universal joint. N. Trbojevich. 2,186,846; Jan. 9.
Universal joint. A. O. Williams. 2,219,144; Oct. 22.
Universal joint. H. Wollner. 2,212,763; Aug. 27.
Universal joint, Rubber bearing. C. E. Swenson. 2,217,082; Oct. 8.
Universal mounting. R. J. Lennon. 2,200,283; May 14.
Universal tube joint. F. M. Rohr. 2,219,752; Oct. 29.
Unloading, counting, and stacking mechanism. E. J. Bell. 2,191,436; Feb. 27.
Unloading device. K. F. V. Nygaard. 2,218,070; Oct. 15.
Unloading device for battery grid pasting machines. A. H. Luhrman. 2,218,849; Oct. 22.
Unloading means, Pumping apparatus. W. W. Paget. 2,196,227; Apr. 9.
Unloading mechanism. D. A. Johnston. 2,202,555; May 28.
Unloading relief valve. O. L. Woodson. 2,217,880; Oct. 15.
Unsaturated compounds, Purification of. A. L. Ward. 2,211,038; Aug. 13.

Unsaturated derivatives or compounds of the cyclopentano polydro phenanthrene series and producing the same. A. Butenandt and F. Hilderbrandt. 2,201,121; May 14.
Unwinding machine. H. W. Gilbert. 2,220,230; Nov. 5.
Upholstering material, Manufacture of. C. Herrmann. 2,209,919; July 30.
Upholstery cleaner. F. U. von Schrader. 2,198,322; Apr. 23.
Upholstery construction. A. M. Bank. 2,185,396; Jan. 2.
Upholstery construction. A. M. Bank. 2,192,294; Mar. 5.
Upholstery construction. A. M. Bank. 2,207,773; July 16.
Upholstery forming apparatus. C. W. Avery. 2,185,827; Jan. 2.
Upholstery forming apparatus. C. W. Avery and A. H. Haberstump. 2,188,995; Feb. 6.
Upper cylinder lubricator. C. A. Carpenter. 2,187,998; Jan. 23.
Upper roughing machine. E. J. Le Gault. 2,185,638; Jan. 2.
Upper treating device. J. J. Vachon. 2,191,416; Feb. 20.
Uppers over lasts, Shaping. J. T. Lancaster. 2,222,212; Nov. 19.
Upset pipe joint. F. J. Hinderliter. 2,216,945; Oct. 8.
Up-ski towing device. G. V. Dondero. 2,217,946; Oct. 15.
Uranium and vanadium from carnotite ores, Recovery of. H. Fleck. 2,199,696; May 7.
Urea acetal condensation product and producing the same, Dimethylol. T. S. Hodgins and A. G. Hovey. 2,187,081; Jan. 16.
Urea-chlorine compound and making same, Stable. I. E. Muskrat and F. C. Trager. 2,185,864; Jan. 2.
Urea derivatives, Manufacture of new. H. A. Piggott and J. D. Rose. 2,203,504; June 4.
Urea ethers and making same, Methylol. B. E. Sorenson. 2,201,927; May 21.
Urea-formaldehyde-butanol reaction products, Producing. T. S. Hodgins and A. G. Hovey. 2,222,506; Nov. 19.
Urea-formaldehyde condensation product. L. Smidth. 2,223,536; Dec. 3.
Urea-formaldehyde condensation product and method of production. E. Glycofrides. 2,208,290; July 16.
Urea-formaldehyde condensation products, Preparation of solid etherified. T. S. Hodgins and A. G. Hovey. 2,226,518; Dec. 24.
Urea-formaldehyde molding composition. A. W. Kassay. 2,220,337; Nov. 5.
Urea-formaldehyde molding composition and producing same. L. Smidth. 2,209,943; July 30.
Urea-formaldehyde resin, Making. T. S. Hodgins and A. G. Hovey. 2,227,223; Dec. 31.
Urea from ammonia and carbon dioxide containing inerts, Production of. D. A. Rogers and F. Porter. 2,214,068; Sept. 10.
Urea, Mixed. A. Rohm. 2,226,835; Dec. 31.
Urethane-like compounds. A. Steindorff, G. Balle, K. Horst, and J. Rosenbach. 2,218,939; Oct. 22.
Urinal. H. G. Coordes. 2,208,720; July 23.
Urinal screen. W. Fischer. 2,211,970; Aug. 20.
Urine acetone test. W. B. Fortune. 2,186,902; Jan. 9.
Utensil. C. Van Ness. 2,218,367; Oct. 15.
Utensil and method of mounting blades, Kitchen. J. A. Murdock. 2,220,169; Nov. 5.
Utensil and strainer, Foam removing. J. J. McCauley. 2,186,835; Jan. 9.
Utensil, Combination kitchen. J. M. Emmons. 2,226,490; Dec. 24.
Utensil, Cooking. S. V. Anzalone. 2,188,563; Jan. 30.
Utensil, Cooking. J. F. Fratis. 2,214,129; Sept. 10.
Utensil, Cooking. A. Mehringer. 2,193,341; Mar. 12.
Utensil, Cooking. F. A. Parsons. 2,209,793; July 30.
Utensil, Cooking. W. T. Pearson. 2,216,984; Oct. 8.
Utensil, Cooking. P. E. Robertson. 2,204,699; June 18.
Utensil, Cooking. F. E. Wolcott. 2,198,647; Apr. 30.
Utensil, Cooking and heating. J. M. Connell, R. M. Sorum, and P. W. Murphy. 2,194,820; Mar. 26.
Utensil, Coring. J. E. Krllow. 2,188,362; Jan. 30.
Utensil, Culinary. F. Baccarini. 2,186,855; Jan. 9.
Utensil, Culinary. W. J. Voelker. 2,201,566; May 21.
Utensil, Electric cooking. C. J. Sherman. 2,222,124; Nov. 19.
Utensil, Food preparing. R. N. Kircher. 2,222,773; Nov. 26.
Utensil, Food preparing. R. H. Wentorf. 2,222,791; Nov. 26.
Utensil for baking buns or the like. L. W. Miller. 2,222,112; Nov. 19.
Utensil, Heating. M. E. Benesh. 2,213,378; Sept. 3.
Utensil, Kitchen and like. F. Rauchfuss. 2,225,658; Dec. 24.
Utensil washing machine. V. W. Cunningham. 2,221,442; Nov. 12.
Utensils and the like, Handling. B. J. Farwig. 2,220,069; Nov. 5.
Utensils, Manufacturing kitchen. W. Scrimgeour. 2,187,757; Jan. 23.
Utility case. T. Gustowski. 2,227,342; Dec. 31.
Utility receptacle. J. Visser. 2,199,898; May 7.
V-belt with small grooves on underside. A. L. Freedlander. 2,210,073; Aug. 6.
Vaccine, Equine encephalomyelitis. J. W. Beard. 2,204,064; June 11.
Vaccine for treatment of canine distemper, The production of virus. H. M. Shoetensack. 2,202,435; May 28.
Vacuum air valve. L. W. Eggleston. 2,208,181; July 16.
Vacuum breaker. B. Marsak. 2,200,033; May 7.
Vacuum breaker. W. E. Sloan and I. H. Russell. 2,226,350; Dec. 24.
Vacuum breaker. J. P. Wolff. 2,212,284; Aug. 20.
Vacuum breaker. E. W. Work. 2,189,694; Feb. 6.
Vacuum breaker for flush valves. J. J. Delany. 2,216,808; Oct. 8.
Vacuum breaker for flushometers. D. A. Gillen. 2,202,099; May 28.
Vacuum breaker valve. M. Callejo. 2,209,189; July 23.
Vacuum breaking device in water systems. J. R. O'Brien. 2,217,027; Oct. 8.
Vacuum breaking device in water systems. J. R. O'Brien. 2,217,132; Oct. 8.
Vacuum cleaner. G. W. Allen. 2,202,788; May 28.
Vacuum cleaner. C. L. Brown, Jr. 2,214,632; Sept. 10.
Vacuum cleaner. G. H. Cranmer. 2,227,298–9; Dec. 31.
Vacuum cleaner. D. M. Dow. 2,188,809; Jan. 30.
Vacuum cleaner. D. M. Dow. 2,200,738; May 14.
Vacuum cleaner. D. M. Dow, F. H. Burmeister, and C. R. Heckler. 2,213,792; Sept. 3.
Vacuum cleaner. J. E. V. Edstrom. 2,190,470; Feb. 13.
Vacuum cleaner. J. E. V. Edstrom. 2,227,302; Dec. 31.
Vacuum cleaner. A. Eriksson-Jons. 2,187,654; Jan. 16.
Vacuum cleaner. A. A. Forsberg. 2,192,224; Mar. 5.
Vacuum cleaner. B. S. Foss. 2,219,810; Oct. 29.
Vacuum cleaner. O. Holm-Hansen. 2,197,641; Apr. 16.
Vacuum cleaner. O. Holm-Hansen. 2,214,855; Sept. 17.
Vacuum cleaner. H. A. Jeffery. 2,191,717; Feb. 27.
Vacuum cleaner. J. B. Kirby. 2,221,746; Nov. 12.
Vacuum cleaner. W. O. Langille. 2,217,174; Oct. 8.
Vacuum cleaner. W. Leathers. 2,192,357; Mar. 5.
Vacuum cleaner. G. E. Lofgren and C. L. Brown, Jr. 2,203,964; June 11.
Vacuum cleaner. H. J. McAllister. 2,211,934; Aug. 20.
Vacuum cleaner. F. Riebel, Jr. 2,214,862; Sept. 17.
Vacuum cleaner. F. Riebel, Jr., and I. F. Flatz. 2,204,912; June 18.
Vacuum cleaner. L. C. Smith. 2,193,784; Mar. 12.
Vacuum cleaner. M. H. Spielman. 2,219,567; Oct. 29.
Vacuum cleaner attachment. O. A. Ross. 2,214,725; Sept. 10.
Vacuum cleaner bag. R. Österdahl. 2,225,389; Dec. 17.
Vacuum cleaner construction. C. A. Brock and N. E. Hutchens. 2,221,572; Nov. 12.
Vacuum cleaner, Push-broom-type. W. Leathers. 2,210,724; Aug. 6.
Vacuum cleaner switch. F. C. Doughman. 2,197,337; Apr. 16.
Vacuum cleaner with auxiliary dust-receiving bag. S. F. Wells. 2,219,911; Oct. 29.
Vacuum clutch control. P. E. Matthews. 2,208,133; July 16.
Vacuum controlling device. A. A. Heinzelmann. 2,211,011; Aug. 13.
Vacuum cooking and cooling. J. C. Smaltz and C. J. Covert. 2,203,638; June 4.
Vacuum crystallizing, or vacuum cooling, by forced boiling, Method of and apparatus. J. W. Dudley. 2,185,940; Jan. 2.
Vacuum cup and vacuum cup system. A. I. Featherstone, J. E. Platt, and E. H. Merritt. 2,198,765; Apr. 30.
Vacuum devices, Manufacture of. N. H. Stewart. 2,215,655; Sept. 24.
Vacuum distillation. K. C. D. Hickman. 2,218,240; Oct. 15.
Vacuum distillation. K. C. D. Hickman. 2,221,691; Nov. 12.
Vacuum distillation apparatus. K. C. D. Hickman. 2,210,926–7–8; Aug. 13.
Vacuum distillation, High. V. Voorhees. 2,224,621; Dec. 10.
Vacuum moistening process. P. H. Palmer. 2,216,783; Oct. 8.
Vacuum power brake. H. R. Fitzgerald. 2,197,075; Apr. 16.
Vacuum power clutch. J. H. K. and H. J. D. McCollum. 2,219,269; Oct. 22.
Vacuum preventer. V. W. Strode. 2,202,123; May 28.
Vacuum pump. E. J. Beach. 2,200,198; May 7.
Vacuum pump. K. C. D. Hickman. 2,206,093; July 2.
Vacuum pump, Double acting. A. M. Babitch. 2,189,526; Feb. 6.
Vacuum relief device for engines. C. O. Guernsey. 2,207,056; July 9.
Vacuum tube. W. T. Harris. 2,204,306; June 11.
Vacuum tube. K. Okabe. 2,187,172; Jan. 16.
Vacuum tube. A. Senauke. 2,206,649; July 2.
Vacuum tube circuit. R. J. Kircher. 2,213,398; Sept. 3.
Vacuum tube device. R. Herzog. 2,219,925; Oct. 29.
Vacuum tube device. R. Scharfnagel. 2,197,511; Apr. 16.
Vacuum tube filament supply. J. L. Finch. 2,215,521; Sept. 24.
Vacuum tube, Hot cathode. F. W. Lyle. 2,189,638; Feb. 6.
Vacuum-tube repeater, Duplex. N. P. Case. 2,201,365; May 21.
Vacuum type mixer. A. K. Brennan and J. M. Jans. 2,209,559; July 30.

Vaginal applicator. M. Cohn and S. S. Nordin. 2,212,706; Aug. 27.
Vaginal injection appliance. G. Moos. 2,188,190; Jan. 23.
Valuable products from methane gases, Production of. H. I. Waterman, W. J. Hessels, and D. W. van Krevelen. 2,221,658; Nov. 12.
Valuables, Method and apparatus for safe collection, delivery, and transportation of. L. B. Love. 2,185,209; Jan. 2.
Values from lignite liquor, Recovery of. R. Nauth. 2,202,959; June 4.

Valve: *See*—
Air loaded valve.
Air release valve.
Air valve.
Annular valve.
Automatic air relief valve.
Automatic shutoff valve.
Automatic valve.
Back pressure valve.
Balanced valve.
Ball valve.
Blow-off valve.
Boiler feed check valve.
Bottle filler valve.
Brake control valve.
Brake valve.
Can transfer valve.
Carburetor valve.
Change-over valve.
Check valve.
Compensated valve.
Compressor valve.
Container valve.
Control valve.
Corrosion resistant valve.
Crankcase drain valve.
Cylinder valve.
Delivery valve.
Diaphragm valve.
Differential nonreturn valve.
Differential operated check valve.
Discharge valve.
Diverter valve.
Double acting valve.
Drain valve.
Dump valve.
Electromagnetic valve.
Electroresponsive light valve.
Electron discharge valve.
Electron valve.
Engine cylinder valve.
Engine lock valve.
Engine valve.
Excess flow and shut-off valve.
Expansion valve.
Filling valve.
Float valve.
Flow control valve.
Fluid actuated valve.
Fluid control valve
Fluid controlling valve.
Fluid mixing valve.
Flush tank valve.
Flush valve.
Flushing valve.
Four-way valve.
Fuel injection valve.
Gas lift valve.
Gas torch control valve.
Gate valve.
Gas valve.
Humidifying valve.
Hydraulic control valve.
Inlet valve
Lever control valve.
Lift-turn valve.
Line check valve.
Liquid control valve.
Locking valve
Lubricated tank valve.
Lubricated valve.
Magnetic valve.
Manifold valve.
Measuring and mixing valve.
Metering valve.
Mixing valve.
Multiport valve.
Needle valve.
Nongalling plug valve.
Nozzle valve.
Outlet valve.
Overhead tank valve.
Pipe line delivery valve.
Plug valve.
Pneumatic tire valve
Pop valve.
Poppet valve.
Pressure actuated valve.
Pressure control valve.
Pressure equalizing valve.
Pressure reducing feed valve.
Pressure regulated valve.
Pressure regulating valve.
Pressure regulator or reducing valve
Pressure relief valve.
Pressure valve.
Pump and relief valve.
Pump valve.
Puppet valve.
Quick acting obturating flap valve.
Quick opening and closing valve.
Radiator overflow valve
Reciprocating valve.
Reducing valve.
Regulator and relief valve.
Releasable floating valve.
Release valve.
Relief valve.
Reverse acting valve.
Reversing valve.
Rotary valve.
Safety valve.
Sanitary valve.
Shut-off valve.
Siphonless valve.
Slush pump valve.
Split sleeve valve.
Static pressure valve.
Steam stop valve.
Stop valve.
Surge valve.
Temperature control valve.
Temperature relief valve.
Tempering valve.
Thermal control valve.
Thermal relief valve.
Thermionic valve.
Thermostatic expansion valve.
Thermostatic valve.
Thermostatically controlled valve.
Thermostatically operated valve.
Three-way valve.
Throttle valve.
Throttling valve.
Tire valve.
Union ball check valve.
Unloading relief valve.
Vacuum air valve.
Vacuum breaker valve.
Variable ratio control valve.
Vented valve.
Wedge valve.
Whistle valve.

Valve. H. S. Ackerman. 2,201,513; May 21.
Valve. J. G. Adkins. 2,192,670; Mar. 5.
Valve. C. W. Albertson. 2,195,292; Mar. 26.
Valve. W. F. Albright. 2,210,559; Aug. 6.
Valve. A. C. Arbogast. 2,195,069; Mar. 26.
Valve. N. A. Best. 2,194,080; Mar. 19.
Valve. W. Brauer. 2,195,764; Apr. 2.
Valve. R. P. Breese. 2,212,913; Aug. 27.
Valve. C. E. Bridwell. 2,189,129; Feb. 6.
Valve. J. G. M. Brodén. 2,218,871; Oct. 22.
Valve. C. C. Brown. 2,211,846; Aug. 20.
Valve. F. M. Brown. 2,187,964; Jan. 23.
Valve. R. B. Bryant. 2,219,736; Oct. 29.
Valve. H. J. M. Burdick. 2,219,761; Oct. 29.
Valve. O. F. Carlson. 2,194,276; Mar. 19.
Valve. L. A. Cole. 2,211,646; Aug. 13.
Valve. E. A. Corbin, Jr. 2,217,835; Oct. 15.
Valve. J. C. Crowley. 2,197,995; Apr. 23.
Valve. K. J. De Juhasz. 2,187,733; Jan. 23.
Valve. L. G. Deniels. Re. 21,555; Sept. 10.
Valve. E. G. Duden. 2,191,458; Feb. 27.
Valve. C. H. Ehlers. 2,224,147; Dec. 10.
Valve. A. J. and I. F. Fausek. 2,195,643; Apr. 2.
Valve. J. L. Fleming. 2,186,481; Jan. 9.
Valve. N. M. Foster. 2,218,606; Oct. 22.
Valve. T. Gannestad. 2,209,397; July 30.
Valve. D. D. Goldberg. 2,214,324; Sept. 10.
Valve. O. B. Goldkamp. 2,205,774; June 25.
Valve. G. G. Grigsby. 2,212,733; Aug. 27.
Valve. H. Hansen. 2,190,422; Feb. 13.
Valve. J. Hansen. 2,202,852; June 4.
Valve. T. G. Hare. 2,203,684; June 11.
Valve. H. M. Hiester and A. P. Barcus. 2,198,386; Apr. 23.
Valve. A. C. Homeyer. 2,216,531; Oct. 1.
Valve. V. I. and L. G. Hooper. 2,186,925; Jan. 9.
Valve. G. A. Iler. 2,186,024; Jan. 9.
Valve. G. A. Iler. 2,186,833; Jan. 9.
Valve. W. C. Jaegle. 2,208,929; July 23.
Valve. L. Jaros. 2,224,566; Dec. 10.
Valve. A. J. Johnson. 2,192,193; Mar. 5.
Valve. J. P. Johnson. 2,210,295; Aug. 6.
Valve. F. H. Johnston. 2,208,188; July 16.
Valve. A. W. Jones. 2,209,024; July 23.
Valve. P. A. Kinzie. 2,187,787; Jan. 23.
Valve. J. H. Krieck. 2,226,405; Dec. 24.
Valve. B. L. Landrum. 2,214,250; Sept. 10.
Valve. C. W. Larner. 2,192,499; Mar. 5.
Valve. H. B. Lee. 2,219,324; Oct. 29.
Valve. J. K. Lund. 2,199,439; May 7.
Valve. P. F. Martin. 2,198,122; Apr. 23.
Valve. H. McCarthy and J. J. Curran. 2,212,572; Aug. 27.
Valve. A. O. McCollum. 2,201,782; May 21.
Valve. W. C. McCoy. 2,219,190; Oct. 22.
Valve. M. G. Miller. 2,225,838; Dec. 24.
Valve. C. O. J. Montelius. 2,225,880; Dec. 24.
Valve. F. H. Mueller. 2,210,335; Aug. 6.
Valve. F. H. Mueller and C Pippin. 2,222,626; Nov. 26.
Valve. T. W. Mullen. 2,223,636; Dec. 3.
Valve. H. L. Nelson. 2,220,170; Nov. 5.
Valve. S. J. Nordstrom. 2,204,440; June 11.
Valve. O. J. Ostlind. 2,192,452; Mar. 5.
Valve. J. W. Overbeke. 2,209,418; July 30.
Valve. D. T. Parrish. 2,215,405; Sept. 17.
Valve. M. J. Phillips. 2,204,048; June 11.
Valve. J. B. Powers. 2,204,257; June 11.
Valve. F. J. Raybould. 2,197,384; Apr. 16.
Valve. J. Ruskamp. 2,212,303; Aug. 20.
Valve. L. A. Safford. 2,211,167; Aug. 13.
Valve. G. E. Saussure. 2,186,657; Jan. 9.
Valve. O. C. Schmidt. 2,192,818; Mar. 5.
Valve. N. J. Siclari. 2,216,459; Oct. 1.
Valve. W. E. Sloan and I. H. Russell. 2,214,287; Sept. 10.
Valve. S. Sorensen. 2,210,189; Aug. 6.
Valve. J. M. Teahen. 2,213,753; Sept. 3.
Valve. A. J. Turpin. 2,197,954; Apr. 23.
Valve. H. G. Vance. 2,221,729; Nov. 12.
Valve. A. S. Volpin. 2,224,939; Dec. 17.
Valve. E. Walker. 2,194,960–1; Mar. 26.
Valve. C. Wheatley. 2,203,399; June 4.
Valve. A. V. D. Willgoos. 2,186,791; Jan. 9.
Valve. J. C. Williams. 2,187,257; Jan. 16.
Valve. R. Wintzer. 2,222,550; Nov. 19.
Valve. O. C. Young. 2,222,926; Nov. 26.
Valve. R. H. Zinkil, E. A. Fredrickson, and J. M. Kovarik, Jr. 2,188,850; Jan. 30.
Valve actuating device, Flush. H. C. Romaine. 2,217,320; Oct. 8.
Valve actuating mechanism. O. H. Banker. 2,206,869; June 9.
Valve actuating mechanism. O. H. Banker. 2,213,195; Sept. 3.
Valve actuating mechanism. A. G. Heggem. 2,200,474; May 14.
Valve actuating mechanism. L. R. Spencer. 2,209,479–80; July 30.
Valve actuating mechanism. L. R. Spencer. 2,226,985; Dec. 31.
Valve actuation. L. A. Camerota. 2,214,271; Sept. 10.
Valve actuator for floor furnaces. R. W. Mueller and H. G. Bernsee. 2,198,455; Apr. 23.
Valve amplifying circuit, Thermionic. A. D. Blumlein. 2,185,367; Jan. 2.
Valve and circuit. Thermionic. N. M. Rust and G. F. Brett. 2,205,069; June 18.
Valve and flexible gate. F. H. Hehemann. 2,193,922; Mar. 19.
Valve and flexible gate. F. H. Hehemann. 2,195,923; Apr. 2.
Valve and level gauge operating mechanism for liquefied gas dispensing systems. L. J. White. 2,217,578; Oct. 8.
Valve and manufacturing it, Electric. A. Glaser, W. Koch, H. Neidhardt, and F. Brunke. 2,195,245; Mar. 26.

Valve and mechanism remover-replacer, Emergency. J. A. Jensen. 2,212,370; Aug. 20.
Valve and sealing means therefor. J. Heinen. 2,191,232; Feb. 20.
Valve and switch, Thermoelectric safety. T. T. Arden. 2,207,771; July 16.
Valve and system of control therefor, Automatic. F. A. Gauger. 2,207,978; July 16.
Valve and the like, Shutoff. L. A. Camerota. 2,211,318; Aug. 13.
Valve and valve control element, Thermostatic expansion. L. C. Smith. 2,223,298; Nov. 26.
Valve and valve member. J. D. Langdon. 2,205,533; June 25.
Valve apparatus. S. Kersten. 2,223,567; Dec. 3.
Valve apparatus, Electrically controlled light. L. M. Myers and E. F. Goodenough. 2,185,379; Jan. 2.
Valve apparatus for use in distributing fluid. H. R. Barrett and W. Brookes. 2,185,325; Jan. 2.
Valve apparatus for use on very short waves, Thermionic. N. E. Davis, E. Green, and A. W. Hall. 2,223,985; Dec. 3.
Valve apparatus, Retroactive. J. Robinson. 2,190,243; Feb. 13.
Valve arrangement for packers, Equalizing. H. B. Ziegler. 2,201,281; May 21.
Valve assemblage, Pump. J. A. Schmitt. 2,215,017; Sept. 17.
Valve assembly. A. Feucht. 2,221,081; Nov. 12.
Valve assembly. G. E. Melown. 2,218,936; Oct. 22.
Valve assembly. A. L. Parker. 2,202,960–1; June 4.
Valve assembly. A. L. Parker. 2,209,132–6; July 23.
Valve assembly. A. J. and K. T. Penick. 2,219,271; Oct. 22.
Valve assembly. A. J. and K. T. Penick. 2,216,129; Oct. 1.
Valve assembly. A. J. and K. T. Penick. 2,224,447; Dec. 10.
Valve assembly, Compressor. J. H. H. Voss. 2,199,452; May 7.
Valve assembly, Packless. G. Sifkovitz. 2,213,999; Sept. 10.
Valve assembly, Replaceable. A. T. Riva. 2,186,499; Jan. 9.
Valve attachment, Nozzle. F. Mayne and F. Ranly. 2,214,708; Sept. 10.
Valve bearing. C. C. Daggett. 2,223,096; Nov. 26.
Valve blank and making same, Poppet. G. Charlton. 2,193,088; Mar. 12.
Valve body, Reinforced. M. Delleani. 2,208,180; July 16.
Valve cap. L. C. Broecker. 2,202,185; May 28.
Valve, Check. F. S. White and C. G. Bordeaux. Re. 21,334; Jan. 23.
Valve circuit, Electric. E. S. Johnson. J. R. Kilander, and E. H. Reid. 2,196,811; Apr. 9.
Valve circuit, Electric. O. Krimes. 2,194,308; Mar. 19.
Valve circuit, Electric. W. W. Moe. 2,189,569; Feb. 6.
Valve closing device for oil burners, Automatic. F. H. R. Silva. 2,226,210; Dec. 24.
Valve construction. L. A. Camerota. 2,205,788; June 25.
Valve construction. O. F. Carlson. 2,226,843; Dec. 31.
Valve construction. E. A. Corbin, Jr. 2,217,834; Oct. 15.
Valve construction. B. Dick and J. A. Beard, Jr. 2,214,045; Sept. 10.
Valve construction. J. W. Jewell and W. W. Diener. 2,209,296; July 23.
Valve construction. E. M. Kling. 2,202,211; May 28.
Valve construction. W. W. Mohr. 2,224,231; Dec. 10.
Valve construction. E. Walker. 2,197,231; Apr. 16.
Valve construction, Flush tank. W. R. Powers. 2,206,235; July 2.
Valve control. C. D. Anderson, Jr. 2,205,512; June 25.
Valve control. W. A. Harris and C. W. Van Blarcom. 2,209,565; July 30.
Valve control. W. Rieger. 2,186,497; Jan. 9.
Valve control. W. Rieger. 2,190,586; Feb. 13.
Valve control circuit, Electric. O. Kaufmann. 2,224,602; Dec. 10.
Valve control, Fluid pressure. R. W. Brown. 2,208,539; July 16.
Valve control mechanism. E. C. Brisbane and F. E. Peacock. 2,214,119; Sept. 10.
Valve control, Plural. J. R. Brown. 2,227,405; Dec. 31.
Valve control system. W. F. Falkenberg. 2,210,853; Aug. 6.
Valve control system, Electric. W. H. Howe. 2,202,205; May 28.
Valve control system, Electric. E. M. Kaegi. 2,215,906; Sept. 24.
Valve control system, Electric. A. Schmidt, Jr. 2,198,486; Apr. 23.
Valve converting apparatus, Electric. C. C. Herskind. 2,225,341; Dec. 17.
Valve converting apparatus, Electric. A. Schmidt, Jr. 2,225,355; Dec. 17.
Valve converting apparatus, Electric. R. Troger. 2,210,785; Aug. 6.
Valve converting system and control circuit therefor, Electric. E. F. W. Alexanderson. 2,215,313; Sept. 17.
Valve converting system, Electric. E. F. W. Alexanderson. 2,193,912; Mar. 19.
Valve converting system, Electric. P. M. Currier. 2,223,165; Nov. 26.
Valve converting system, Electric. C. C. Herskind. 2,218,383; Oct. 15.
Valve converting system, Electric. A. H. Mittag. 2,193,932–3; Mar. 19.
Valve converting system, Electric. M. M. Morack. 2,202,711; May 28.
Valve converting system, Electric. S. E. Rogers and A. L. Whiteley. 2,190,523; Feb. 13.
Valve converting system, Electric. A. Schmidt, Jr. 2,185,819–20; Jan. 2.
Valve, Converting system, Electric. H. O. Schmidt. 2,219,200; Oct. 22.
Valve converting system, Electric. W. Spielhagen. 2,202,720; May 28.
Valve converting system, Electric. Y. Toda. 2,190,524; Feb. 13.
Valve converting system, Electric. H. Verse. 2,201,873; May 21.
Valve converting system, Electric. W. F. Westendorp. 2,220,747; Nov. 5.
Valve core and stem. M. A. Sorokin. 2,199,054; Apr. 30.
Valve core, container, and stem. H. Z. Gora. 2,188,713; Jan. 30.
Valve device. L. A. Camerota. 2,211,319; Aug. 13.
Valve device. L. S. Hamer. 2,203,989; June 11.
Valve device. J. M. Larson. 2,200,226; May 7.
Valve device. H. Schorer. 2,203,367; June 4.
Valve device for a fluid power transmission mechanism. F. E. Stratton. 2,220,920; Nov. 12.
Valve device for gas dispensing systems, Combination. L. J. White. 2,225,579; Dec. 17.
Valve device, Inertia actuated. H. J. D. McCollum. 2,225,315; Dec. 17.
Valve device, Magnet. D. L. McNeal. 2,204,808; June 18.
Valve device, Retaining. C. C. Farmer. 2,204,796; June 18.
Valve disk for rectifiers and photoelectric cells, Manufacturing selenium. O. Geisler. 2,203,328; June 4.
Valve extracting means for underground storage tanks. D. U. McCabe. 2,225,275; Dec. 17.
Valve for absorbers. J. L. Bloomheart. 2,220,673; Nov. 5.
Valve for an oil tank. C. L. Murphy. 2,206,363; July 2.
Valve for boiler blow-off, Control. P. E. Madden. 2,196,219; Apr. 9.
Valve for bottle filling machines. C. F. Greiner 2,186,526; Jan. 9.
Valve for combustion motors. A. Possenti. 2,188,248; Jan. 23.
Valve for combustion motors, Rotating sleeve. C. Gross. 2,216,836; Oct. 8.
Valve for compressors and the like, Air. G. Eichelberg. 2,199,307; Apr. 30.
Valve for controlling and interrupting the flow of fluids. A. W. Richardson. 2,217,876; Oct. 15.
Valve for controlling fluids. R. W. N. Leach. 2,192,835; Mar. 5.
Valve for controlling landing gear of aircraft. C. E. Weaver. 2,189,094; Feb. 6.
Valve for dispensing apparatus. T. W. Winberg. 2,201,752; May 21.
Valve for draft arms, Sirup. A. L. Koenig. 2,197,186; Apr. 16.
Valve for engines and the like. A. G. F. Wallgren. 2,222,730; Nov. 26.
Valve for engines and the like, Rotary. H. P. Gessin. 2,214,726; Sept. 17.
Valve for filling machines, Receptacle actuated. E. S. Minard. 2,197,368; Apr. 16.
Valve for fluid motors, Control. G. E. Beharrell, J. Wright, and H. Trevaskis. 2,219,466; Oct. 29.
Valve for fluids under intermittent pressure, Automatic. M. Herzig. 2,187,971; Jan. 23.
Valve for fuel injection pumps. H. C. Edwards. 2,214,364; Sept. 10.
Valve for fuel pump mechanism. A. T. Bremser. 2,211,252; Aug. 13.
Valve for fuel pumps of internal combustion engines. W. T. Tabb. 2,190,575; Feb. 13.
Valve for gas containers, Control. A. Cecchet. 2,199,040; Apr. 30.
Valve for gas engines, Mixing and throttling. J. H. Jacobs. 2,197,525; Apr. 16.
Valve for gas lift pumping apparatus. G. A. Hatfield. 2,223,336; Nov. 26.
Valve for gas lines, Pressure regulating automatic cut-off. O. Fox. 2,226,761; Dec. 31.
Valve for gas masks, Exhalation. P. E. Young. 2,225,395; Dec. 17.
Valve for glass instruments, Perforated joint. W. Juffa. 2,186,457; Jan. 9.
Valve for hot water tanks and heating systems, Relief. E. F. Donnelly and T. J. McCarthy. 2,206,601; July 2.
Valve for hydraulic control systems. E. A. Chamberlin. 2,204,885; June 18.
Valve for hydraulic presses, Prefill. E. Cannon. 2,187,371; Jan. 16.
Valve for hydraulic presses, Surge. R. W. Dinzl. 2,204,270; June 11.
Valve for hydraulic shock absorbers, Regulating. F. A. Deutsch. 2,201,030; May 14.
Valve for hydraulic systems. F. J. Tarris and D. Webb. 2,208,820; July 23.

Valve for hydraulic systems and apparatus, Control. G. E. Beharrell, J. Wright, and H. Trevaskis. 2,200,830; May 14.
Valve for internal combustion engines, Fume eliminating. S. Jacovelli. 2,191,076; Feb. 20.
Valve for lawn sprinklers. C. A. Burroughs. 2,224,508; Dec. 10.
Valve for liquids, Counterpressure. P. H. Keck. 2,225,056; Dec. 17.
Valve for lubricant cooling systems. D. R. McNeal. 2,217,491; Oct. 8.
Valve for oil burners, Pressure regulator. H. C. Osborne. 2,193,075; Mar. 12.
Valve for oil well packer, Automatic bypass. W. F. Rurup. 2,208,775; July 23.
Valve for oil well pumps, Plunger controlled. W. J. Dunlap. 2,214,956; Sept. 17.
Valve for pneumatic conveyers, Three-way. A. A. De Bons. 2,196,143; Apr. 2.
Valve for pneumatic hammers, Distributing. C. N. Douglass. 2,201,431; May 21.
Valve for pneumatic tires. P. M. Bourdon. 2,192,572; Mar. 5.
Valve for pneumatic tools, Throttle. G. C. Pearson. 2,215,376; Sept. 17.
Valve for presses, Head. F. Schaum. 2,211,389; Aug. 13.
Valve for pressure cookers. P. W. Stephens. 2,200,903; May 14.
Valve for radiators, Air. R. W. Shoemaker and J. A. Parks, Jr. 2,222,324; Nov. 19.
Valve for reaction chamber, Pressure release. G. J. Langmyhr. 2,225,872; Dec. 24.
Valve for rock drills. W. A. Smith, Jr. 2,209,491; July 30.
Valve for rock drills. W. A. Smith, Jr. 2,213,826; Sept. 3.
Valve for rock drills, Water. H. C. Gustafson. 2,215,217; Sept. 17.
Valve for sewage lines, Air release. M. M. Borden. 2,204,788; June 18.
Valve for steam generators, Safety. F. Witte. 2,198,447; Apr. 23.
Valve for tank discharge lines, Shut-off. G. Raymond, R. L. Feagles and W. W. Mason. 2,216,296; Oct. 1.
Valve for the control of hydraulic presses. M. R. Lieb and W. W. Wassum. 2,219,843; Oct. 29.
Valve for traveling lawn sprinklers, Automatic. J. H. Wilson. 2,218,964; Oct. 22.
Valve for urinals, water closets, and the like, Flushing. F. L. Dreyer and C. Bromley. 2,205,033; June 18.
Valve for vacuum seals. H. E. Pim. 2,214,346; Sept. 10.
Valve for vacuum operated brakes, Control. F. E. Hussong. 2,208,553; July 16.
Valve for vacuum systems for controlling marine clutches, Operating. J. J. Dugas, Jr. 2,206,771; July 2.
Valve for water closets and the like, Flush. G. L. Robertson and V. N. Morris. 2,222,856; Nov. 26.
Valve for water faucets. C. Kovach. 2,200,091; May 7.
Valve for water meters. E. Nuebling. 2,196,425; Apr. 9.
Valve for well point systems. B. Share. 2,213,680; Sept. 3.
Valve for wells, Gas release. R. A. Wilson. 2,205,739; June 25.
Valve, Forming a pump. J. J. O'Hare. 2,225,081; Dec. 17.
Valve frequency converting system, Electric. E. F. W. Alexanderson. 2,193,913–4; Mar. 19.
Valve frequency converting system, Electric. C. H. Willis. 2,225,360; Dec. 17.
Valve gear. A. Reidinger. 2,210,328; Aug. 6.
Valve gear bearing, Locomotive. O. J. Horger. 2,188,862; Jan. 30.
Valve gear for multicylinder radial engines, together with a reduction and clutch drive gear. J. A. H. Barkeij. 2,209,013; July 23.
Valve gear for reciprocating engines. J. Olsson. 2,220,173; Nov. 5.
Valve gear for reversible reciprocating fluid pressure engines, especially for locomotives. H. J. Lentz. 2,201,907; May 21.
Valve gear for steam engines, Adjustable. R. R. Bush. 2,203,379; June 4.
Valve grinding device for engines. A. G. F. Wallgren. 2,222,731; Nov. 26.
Valve grinding gauge. G. E. Huggins. 2,217,952; Oct. 15.
Valve grinding machine. E. A. Hall and K. R. Bohn. 2,221,918; Nov. 19.
Valve guide. H. Allen, J. A. Tennant, and M. T. Works. 2,192,425; Mar. 5.
Valve guide arrangement. A. Scheibe. 2,222,457; Nov. 19.
Valve handle. E. H. Mueller. 2,220,346; Nov. 5.
Valve in a distributing device for piston engines, Rotary. H. Oesch. 2,211,288; Aug. 13.
Valve-in-piston controlling device. T. H. Leathem. 2,220,339; Nov. 5.
Valve keeper remover. H. L. Crook, W. H. George and W. H. Kleinsmith. 2,213,102; Aug. 27.
Valve keepers, Device for holding. F. Hildenbrand. 2,204,309; June 11.
Valve latch. J. M. V. Ficklin. 2,187,118; Jan. 16.
Valve locking and releasing device, Automatic. E. A. Corbin, Jr. 2,224,290; Dec. 10.
Valve means. G. W. Morgan and W. A. Morgan. 2,212,302; Aug. 20.
Valve mechanism. B. F. Allison and J. Justiss.
Valve mechanism. J. F. Boyle. 2,213,878; Sept. 3.
Valve mechanism. E. C. Brisbane and E. H. Myers. 2,197,202; Apr. 16.
Valve mechanism. F. S. Denison. 2,222,141; Nov. 19.
Valve mechanism. H. L. Hosterman. 2,211,013; Aug. 13.
Valve mechanism. V. G. Klein. 2,215,852; Sept. 24.
Valve mechanism. J. J. Kupka and G. T. Wilson. 2,218,824; Oct. 22.
Valve mechanism. G. A. Long. 2,189,427; Feb. 6.
Valve mechanism. W. W. Paget. 2,213,259; Sept. 3. 2,206,215; July 2.
Valve mechanism. A. L. Parker. 2,196,120; Apr. 2.
Valve mechanism. A. J. and K. T. Penick. 2,224,446; Dec. 10.
Valve mechanism. R. S. Sanford and W. J. Andres. 2,216,855; Oct. 8.
Valve mechanism. W. H. Wineman. 2,195,205; Mar. 26.
Valve mechanism, By-pass. R. Erling. 2,186,015; Jan. 9.
Valve mechanism, Compressor shut-off. W. F. Boldt. 2,186,320; Jan. 9.
Valve mechanism, Compressor shut-off. C. B. Fites. 2,200,598; May 14.
Valve mechanism, Compressor shut-off. S. Schnell. 2,191,162; Feb. 20.
Valve mechanism, Compressor shut-off. F. H. Stroup. 2,206,651; July 2.
Valve mechanism, Control. W. F. Boldt. 2,200,591; May 14.
Valve mechanism, Dust screen. P. B. Hoge. 2,189,361; Feb. 6.
Valve mechanism, Float. P. Sibley. 2,220,294; Nov. 5.
Valve mechanism, Float actuated. H. Rindernagel. 2,210,331; Aug. 6.
Valve mechanism, Fluid pressure metering. W. F. Boldt. 2,206,658; July 2.
Valve mechanism for controlling fluid operated machine tools. A. H. Orcutt. 2,192,839; Mar. 5.
Valve mechanism for elastic fluid engines. S. L. G. Knox. 2,193,821; Mar. 19.
Valve mechanism for fluid pressure systems. W. F. Boldt. 2,203,042; June 4.
Valve mechanism for spray devices. W. J. Ortman. 2,215,375; Sept. 17.
Valve mechanism for water closets. E. G. Giansetto. 2,188,457; Jan. 30.
Valve mechanism, Reversing. J. E. Whitfield. 2,185,614; Jan. 2.
Valve mechanism, Rotary. J. Lauterbach. 2,198,543; Apr. 23.
Valve mechanism, Thermostatic. J. A. Cerny. 2,189,881–2; Feb. 13.
Valve mechanism, Two cycle internal combustion engine. A. A. Woodward. 2,194,252; Mar. 19.
Valve member. I. Ilieff. 2,225,116; Dec. 17.
Valve motor control system, Electric. A. H. Mittag. 2,214,563; Sept. 10.
Valve, Open hearth. J. G. Hubbard. Re. 21,549; Sept. 3.
Valve operated mechanism. G. Sifkovitz. 2,214,000; Sept. 10.
Valve operating means. C. Groen. 2,218,641; Oct. 22.
Valve operating mechanism. A. E. Armstrong. 2,208,785; July 23.
Valve operating mechanism. E. J. Panish. 2,203,233; June 4.
Valve operating mechanism. F. C. Rockstroh. 2,192,454; Mar. 5.
Valve operating mechanism. G. Schoettinger and L. Oweger. 2,207,599; July 9.
Valve operating mechanism. L. W. Young. 2,187,581; Jan. 16.
Valve operating mechanism, Choke. L. E. Perrine. 2,226,580; Dec. 31.
Valve operating structure. A. G. Blanchard. 2,199,611; May 7.
Valve operator. E. E. Arnold and R. S. Elberty, Jr. 2,205,235; June 18.
Valve operator, Flush. T. P. Newman. 2,205,801; June 25.
Valve or the like, Radiator. E. S. Cornell, Jr. 2,208,629; July 23.
Valve or tube, Amplifier and oscillator. Y. Rocard. 2,226,945; Dec. 31.
Valve packing gland. O. B. Holmquist, Sr. 2,204,310; June 11.
Valve refacing tool. L. Imblum. 2,201,178; May 21.
Valve removing tool. A. J. and K. T. Penick. 2,187,838; Jan. 23.
Valve repeating arrangement, Thermionic. W. S. Percival. 2,201,345; May 21.
Valve reseater. J. Asmussen. 2,219,063; Oct. 22.
Valve reseater. H. A. Lackey. 2,197,309; Apr. 16.
Valve seat. H. D. Adams. 2,198,238; Apr. 23.
Valve seat. P. Chrstos, Jr. 2,225,296; Dec. 17.
Valve seat. H. Cope. 2,204,724; June 18.
Valve seat. G. T. Downey. 2,220,782; Nov. 5.
Valve seat. A. A. Schubring. 2,210,046; Aug. 6.
Valve, seat, and packing, Gate. H. Allen. 2,194,261; Mar. 19.
Valve seat insert. J. M. Davis. 2,219,471; Oct. 29.
Valve seat insert retaining and cooling means, Exhaust. C. A. Jensen. 2,191,485; Feb. 27.

Valve seat inserts, System for inserting. O. A. Ross. 2,218,722; Oct. 22.
Valve, self-closing against pressure. W. A. Yonkers. 2,200,318; May 14.
Valve setting calculator. J. C. Holdman. 2,215,503; Sept. 24.
Valve setting means. C. Condit. 2,216,806; Oct. 8.
Valve spring for engines. T. V. Hemmingsen. 2,217,549; Oct. 8.
Valve spring tool. B. H. Peak. 2,204,443; June 11.
Valve stem. A. E. Bronson. 2,194,635; Mar. 26.
Valve stem. J. C. Crowley. 2,189,485; Feb. 6.
Valve stem. J. C. Crowley. 2,208,961; July 23.
Valve stem. J. C. Crowley. 2,210,112; Aug. 6.
Valve stem. H. Z. Gora. 2,194,895; Mar. 26.
Valve stem. F. H. Watson. 2,200,785; May 14.
Valve stem cap. W. Martino. 2,216,125; Oct. 1.
Valve stem molding means. F. H. Watson. 2,222,755; Nov. 26.
Valve stem packing. H. Gass. 2,207,400; July 9.
Valve structure. R. H. Daisley. 2,218,983; Oct. 22.
Valve structure. G. T. Downey. 2,219,982; Oct. 29.
Valve structure. L. W. Hills. 2,192,441; Mar. 5.
Valve structure. V. I. and L. G. Hooper. 2,219,897; Oct. 29.
Valve structure. H. H. Lamar. 2,217,842; Oct. 15.
Valve structure. E. H. Mueller. 2,217,963; Oct. 15.
Valve structure. F. S. Pedder and C. I. Longenecker. 2,217,380; Oct. 8.
Valve structure. G. Sifkovitz. 2,213,998; Sept. 10.
Valve structure. J. J. Stines. 2,198,639; Apr. 30.
Valve system, Electric. R. Modlinger. 2,195,116; Mar. 26.
Valve system for regeneratively heated furnaces and the like. E. S. S. Wohlfahrt. 2,198,797; Apr. 30.
Valve system, Power operated. A. V. Hose. 2,206,957; July 9.
Valve tappet. H. M. Lochrane. 2,187,661; Jan. 16.
Valve tappet and insert. W. D. Corlett. 2,207,534–5; July 9.
Valve unit. Flush. J. D. Langdon. Re. 21,323; Jan. 16.
Valve vacuum control, Air. W. D. Grannan and W. J. Kelly. 2,223,821; Dec. 3.
Valve with gas chamber in cage, Pump. E. G. Ware. 2,203,759; June 11.
Valve with spherical plugs, Rotary plug. L. M. Glen. 2,201,895; May 21.
Valveless chemical heater. D. F. Othmer. 2,220,777; Nov. 5.
Valves. J. N. Heiner. 2,202,004; May 28.
Valves, Making. A. J. Weatherhead, Jr. 2,209,709; July 30.
Valves, Making engine. W. H. Taylor. 2,221,657; Nov. 12.
Valving machine. L. R. Cartier. 2,216,563; Oct. 1.
Vanadium and uranium from ores, Recovering. H. D. Brown. 2,217,665; Oct. 15.
Vanadium from acid solutions, Recovery of. A. W. Hixson and R. Miller. 2,211,119; Aug. 13.
Vanadium, Recovery of. F. F. Frick and F. W. Woodman. 2,193,092; Mar. 12.
Vanadium steel alloy. V. B. Browne. 2,193,222; Mar. 12.
Vane type heater. H. E. Trent. 2,204,332; June 11.
Vanillin, Manufacture of. L. Schulz. 2,187,366; Jan. 16.
Vanity box. E. D. Motz. 2,202,744; May 28.
Vanity box or case. H. W. Armstrong. 2,217,149; Oct. 8.
Vanity case. M. Kane. 2,196,017; Apr. 2.
Vanity case. N. Kasdan. 2,217,908; Oct. 15.
Vanity case. J. Kreisler. 2,195,593; Apr. 2.
Vanity case. J. Leshin. 2,217,910; Oct. 15.
Vanity case. J. L. Younghusband. 2,204,717; June 18.
Vanity case. F. M. Williamson. 2,190,538; Feb. 13.
Vanity case and other containers. J. Kreisler. 2,196,801; Apr. 9.
Vanity case or compact. M. Vogel. 2,224,995; Dec. 17.
Vapor burner. F. Wernli. 2,188,212; Jan. 23.
Vapor condenser. G. Cooke. 2,223,237; Nov. 26.
Vapor control. D. McDonald. 2,194,862; Mar. 26.
Vapor discharge lamp, Metallic. P. Freedman. 2,194,652; Mar. 26.
Vapor electric device. E. G. Bangratz. 2,186,189; Jan. 9.
Vapor electric device. W. Hartel. 2,186,244; Jan. 9.
Vapor electric device. B. Karlovitz and D. Halász. 2,216,743; Oct. 8.
Vapor electric device. L. R. Ludwig. 2,201,007; May 14.
Vapor electric device. W. E. Pakala. 2,189,612; Feb. 6.
Vapor electric device. H. A. Rose. 2,214,596; Sept. 10.
Vapor electric device. J. Slepian and W. M. Brubaker. 2,224,750; Dec. 10.
Vapor electric tube. J. Slepian and L. R. Ludwig. 2,189,618; Feb. 6.
Vapor emanator. R. B. Kingman. 2,207,889; July 16.
Vapor generator. E. G. Bailey. 2,223,658; Dec. 3.
Vapor generator. R. M. Hardgrove. 2,222,769; Nov. 26.
Vapor generators, Operation of. J. F. Shannon. 2,217,610; Oct. 8.
Vapor lock in internal combustion engines, Preventing. A. V. Mitterer. 2,191,490; Feb. 27.
Vapor phase cracking. W. T. Hancock. 2,186,585; Jan. 9.
Vapor phase cracking system. A. E. Nash. 2,222,682; Nov. 26.
Vapor phase operation. E. J. Houdry. 2,192,911; Mar. 12.
Vapor phase refining of hydrocarbon distillates. W. C. Ault and C. A. Hochwalt. 2,192,174; Mar. 5.
Vapor pressure device. S. C. Carney. 2,200,261; May 14.
Vapor pressure in supply tanks, System for controlling. R. F. Ensign and H. N. Wade. 2,226,810; Dec. 31.
Vaporization control for liquid fuel burners. L. S. Chadwick and C. J. Kessler. 2,214,403; Sept. 10.
Vaporizer. J. L. Bloomheart. 2,206,688; July 2.
Vaporizer. R. G. Burkart. 2,215,387; Sept. 17.
Vaporizer. P. Ginori Conti. 2,199,216; Apr. 30.
Vaporizer. W. L. C. Huxter. 2,204,312; June 11.
Vaporizer, Electric. L. Jaroll. 2,208,130; July 16.
Vaporizer, Electrical. J. Robinson. 2,197,840; Apr. 23.
Vaporizer, Electrical. J. Robinson. 2,226,582; Dec. 31.
Vaporizer for combustion engines. I. B. Newbery. 2,218,922; Oct. 22.
Vaporizer, Fuel. A. E. Lauder. 2,221,352; Nov. 12.
Vaporizer, Fuel. R. U. Spearman. 2,185,320; Jan. 2.
Vaporizer, Portable. H. Christensen. 2,211,407; Aug. 13.
Vaporizing device. J. H. Seitz. 2,186,152; Jan. 9.
Vaporproof lamp. R. Popp. 2,209,931; July 30.
Variable condenser. W. Dorn. 2,225,770; Dec. 24.
Variable condenser. W. Egerland. 2,210,029; Aug. 6.
Variable condenser. K. F. Rodgers. 2,192,986; Mar. 12.
Variable electrical condenser. S. G. Brown. 2,225,855; Dec. 24.
Variable multiple head. G. W. Emrick. 2,213,579; Sept. 3.
Variable permeance electric motor. H. C. Roters. 2,209,039; July 23.
Variable ratio control valve. W. F. Boldt. 2,206,656; July 2.
Variable resistance and making same. E. R. Stoekle. 2,213,078; Aug. 27.
Variable resistance device. N. O. Clark. 2,226,847; Dec. 31.
Variable resistor. N. O. Clark. 2,226,846; Dec. 31.
Variable resistor. S. Ruben. 2,204,623; June 18.
Variable scoop separable fastener. L. H. Morin. 2,219,657; Oct. 29.
Variable speed motor. R. Sansom. 2,194,211; Mar. 19.
Variable width band-pass filter. K. Wilhelm. 2,205,075; June 18.
Variometer. J. P. Putnam. 2,193,343; Mar. 12.
Varnish and making the same. K. H. Fulton and G. L. Ball. 2,207,432; July 9.
Varnish, Flat. H. E. Miles. 2,214,771; Sept. 17.
Vase, Cemetery. G. W. Hagle. 2,208,501; July 16.
Vase, Cemetery. M. E. Hunt. 2,190,424; Feb. 13.
Vat and lining therefor, Fermentation. R. Muehlofer. 2,206,421; July 2.
Vat dyeing and apparatus therefor. J. E. Conrad and W. R. Keen. 2,221,780; Nov. 19.
Vat, Portable dipping. E. A. Spangler. 2,216,328; Oct. 1.
Vault, Burial. R. J. Elledge. 2,188,626; Jan. 30.
Vault, Burial. J. A. Patterson. 2,192,291; Mar. 5.
Vault, Ceramic. R. S. Donahey. 2,213,187; Sept. 3.
Vault, Combined casket and grave. W. S. Stone. 2,205,110; June 18.
Vault construction, Burial. D. E. King. 2,209,525; July 30.
Vault, Grave. F. Biszantz. 2,188,525; Jan. 30.
Vault, Metallic grave. A. F. Beck. 2,185,493; Jan. 2.
Vault with metal lining, Burial. E. Reynolds 2,192,104; Feb. 27.
Vegetable cleaner and separator. G. J. Olney. 2,198,390; Apr. 23.
Vegetable fibers and artificial threads, The treatment of. L. Lilienfeld. 2,185,795; Jan. 2.
Vegetable food products, Preparing dried. C. M. Nesbitt and D. E. Warner. 2,227,317; Dec. 31.
Vegetable pack. F. Fernandez. 2,216,365; Oct. 1.
Vegetable slicing and stringing tool. K. W. Mesterton. 2,193,830; Mar. 19.
Vegetable slicing machine. J. A. Miller. 2,224,655; Dec. 10.
Vegetable washer. H. N. Showers. 2,218,686; Oct. 22.
Vegetables, Ice crating. L. M. Tracy. 2,186,352; Jan. 9.
Vegetables, Method of and apparatus for washing. R. Berger and H. N. Ricket. 2,205,131; June 18.
Vegetables, Treating and preparing. O. Headland. 2,192,041; Feb. 27.
Vegetables, Treating the butt ends of. W. H. Wilson. 2,215,446; Sept. 17.
Vegetation, Protection of. K. Gregory. 2,214,326; Sept. 10.

Vehicle: *See*—

Air conditioned vehicle.
Ambulance vehicle.
Automotive vehicle.
Child's vehicle.
Convertible vehicle.
Delivery vehicle.
Dual wheel vehicle.
Dump vehicle.
Dumping vehicle.
Electric motor vehicle.
Figure formed multicycle vehicle.
Land and body vehicle.
Locomotive vehicle.
Motor driven vehicle.
Motor vehicle.
Multipower driving vehicle.
Pickup and dumping vehicle.
Power vehicle.
Railway vehicle.
Reciprocable vehicle.
Side dump vehicle.
Snow vehicle.
Sport vehicle.

Vehicle: *See*—
Toy vehicle.
Track laying vehicle.
Traction vehicle.
Trailer vehicle.
Transporting and dumping vehicle.
Two wheeled motor vehicle.
Wind driven vehicle.

Vehicle. F. Biszantz. 2,188,548; Jan. 30.
Vehicle. C. Breer. 2,208,625; July 23.
Vehicle. E. Bugatti. 2,190,397; Feb. 13.
Vehicle. A. Carlson. 2,208,495; July 16.
Vehicle. A. Dabrasky. 2,199,392; May 7.
Vehicle. E. Th. Dégallier. 2,219,647; Oct. 29.
Vehicle. C. A. Hawkins. 2,210,485; Aug. 6.
Vehicle. J. Ledwinka. 2,197,727; Apr. 16.
Vehicle. E. W. Lucas. 2,191,964; Feb. 27.
Vehicle. H. McIntyre. 2,220,418; Nov. 5.
Vehicle. T. A. Peterman. 2,194,322; Mar. 19.
Vehicle. E. J. W. Ragsdale and A. G. Dean. 2,195,599; Apr. 2.
Vehicle. W. C. Short, R. G. Howie, and M. C. Wiley. 2,195,432; Apr. 2.
Vehicle. W. Swallow. 2,190,551; Feb. 13.
Vehicle accessory. R. C. Strauss. 2,222,636; Nov. 26.
Vehicle accessory system, Motor. E. C. Horton. 2,223,661; Dec. 3.
Vehicle actuated traffic signal. P. P. Horni. 2,212,986; Aug. 27.
Vehicle and door operating means therefor, Dumping. E. L. Tranaas and G. L. Omon. 2,189,186; Feb. 6.
Vehicle, and especially automotive railroad vehicles. E. Bugatti. 2,205,030; June 18.
Vehicle and exerciser. M. H. Hunter. 2,191,568; Feb. 27.
Vehicle and its manufacture, Motor. J. A. Gregoire. 2,192,075; Feb. 27.
Vehicle and the like, Refuse. L. Noyer. Re. 21,499; July 2.
Vehicle and trailer draft device. C. C. Kitterman. 2,201,141; May 21.
Vehicle body. A. P. Armington. 2,191,445; Feb. 27.
Vehicle body. D. G. Renno. 2,223,577; Dec. 2.
Vehicle body. D. G. Renno and C. J. Fields. 2,204,697; June 18.
Vehicle body. R. S. Roberts. 2,189,406; Feb. 6.
Vehicle body. R. R. Roloson. 2,202,747; May 28.
Vehicle body. C. Schulz. 2,220,547; Nov. 5.
Vehicle body. K. Schwenk. 2,197,950; Apr. 23.
Vehicle body. K. Tandetzke. 2,212,462; Aug. 20.
Vehicle body. J. Votypka. 2,190,462; Feb. 13.
Vehicle body. J. Votypka. 2,193,607–8; Mar. 12.
Vehicle body. J. Votypka. 2,208,712; July 23.
Vehicle body. J. Votypka. 2,215,022; Sept. 17.
Vehicle body construction. E. J. Deisley. 2,209,563; July 30.
Vehicle body construction. E. F. Stoner. 2,223,746; Dec. 3.
Vehicle body construction and assembling the same. A. G. Dean. 2,185,977; Jan. 2.
Vehicle body, Extensible. J. E. Rollo. 2,225,319; Dec. 17.
Vehicle body, Juveline. S. A. Snell. 2,186,559–60; Jan. 9.
Vehicle body, Motor. C. Breer, A. G. Herreshoff, O. H. Clark, and R. Cadwallader. 2,198,653; Apr. 30.
Vehicle body, Motor. R. Cadwallader. 2,225,976; Dec. 24.
Vehicle body straightening device. J. B. Voges. 2,194,991; Mar. 26.
Vehicle body, Structural steel. A. L. Luce. 2,199,886; May 7.
Vehicle body structure. H. C. Wendt. 2,186,689; Jan. 9.
Vehicle body structure and assembly. J. Ledwinka 2,205,797; June 25.
Vehicle bodies, Making juvenile. S. A. Snell. 2,192,535; Mar. 5.
Vehicle bodies, Stabilizing means for. N. S. Focht. 2,208,969; July 23.
Vehicle brake. M. Davis. 2,187,226; Jan. 16.
Vehicle brake. W. E. P. Jeffery. 2,202,661; May 28.
Vehicle brake. G. C. R. Kuiper. 2,219,689; Oct. 29.
Vehicle brake. R. V. Maren. 2,215,058; Sept. 17.
Vehicle brake. J. C. McCune. 2,218,614; Oct. 22.
Vehicle brake. R. A. Whittingham. 2,226,457; Dec. 24.
Vehicle brake, Dual wheel. C. S. Ash. 2,192,023; Feb. 27.
Vehicle brake rigging device. A. S. Edmonds. 2,227,301; Dec. 31.
Vehicle braking system, Motor. P. F. Rossmann. 2,206,976; July 9.
Vehicle cab. A. C. Wollensak. 2,210,519; Aug. 6.
Vehicle clutch, Automotive. E. E. Wemp. 2,194,040; Mar. 19.
Vehicle construction. N. P. Larsen. 2,194,506; Mar. 26.
Vehicle construction, Articulated. V. F. Antoine. 2,193,156; Mar. 12.
Vehicle construction, Automotive. N. H. F. Olsen. 2,219,140; Oct. 22.
Vehicle construction, Automotive. J. Zimka and F. Miller. 2,190,279; Feb. 13.
Vehicle construction, Motor. A. J. Metz, Sr. 2,202,665; May 28.
Vehicle construction, Motor. H. A. Soulis. 2,201,353; May 21.
Vehicle construction, Railway. A. J. Townsend. 2,197,137; Apr. 16.
Vehicle control mechanism. R. S. Sanford. 2,200,013; May 7.
Vehicle control mechanism, Automotive. F. G. and W. M. Folberth. 2,204,672; June 18.
Vehicle control mechanism, Motor. F. G. Alborn and J. B. Franks, Jr. 2,193,866–7; Mar. 19.
Vehicle control mechanism, Motor. J. B. Franks, Jr., and F. G. Alborn. 2,193,865; Mar. 19.
Vehicle control, Motor. F. S. Cartwright. 2,198,076; Apr. 23.
Vehicle control, Motor. A. A. Wentzel. 2,204,265; June 11.
Vehicle control system, Automatic. A. R. Williams. 2,188,293; Jan. 23.
Vehicle controls, Device for operating. H. W. Struck. 2,200,973; May 14.
Vehicle delivery body. F. H. Field. 2,187,419; Jan. 16.
Vehicle detection device. P. P. Horni. 2,223,992; Dec. 3.
Vehicle direction indicator. W. E. Oshei. 2,220,612; Nov. 5.
Vehicle direction indicator. A. de M. Riggs. 2,186,498; Jan. 9.
Vehicle direction signal. F. Vasarhely. 2,191,001; Feb. 20.
Vehicle door. E. J. Deisley and L. E. Ruehlmann. 2,211,257; Aug. 13.
Vehicle door. C. H. Widman. 2,210,612; Aug. 6.
Vehicle door latch. B. J. Craig. 2,187,933; Jan. 23.
Vehicle door latch. H. W. Rightmyer. 2,191,625; Feb. 27.
Vehicle door latch. H. W. Rightmyer. 2,198,461; Apr. 23.
Vehicle door latch. H. W. Rightmyer. 2,223,186; Nov. 26.
Vehicle door latch, Automotive. B. J. Craig. 2,187,936; Jan. 23.
Vehicle door operating gear. L. L. Cross. 2,198,572; Apr. 23.
Vehicle draft means. R. N. Janeway. 2,208,634; July 23.
Vehicle drive mechanism. F. L. Freeman. 2,213,981; Sept. 10.
Vehicle drive, Motor. L. R. Buckendale. 2,195,509; Apr. 2.
Vehicle drive system. L. Greer. 2,187,781; Jan. 23.
Vehicle driving and steering system. E. Weber. 2,209,641; July 30.
Vehicle for children. J. Bowling, Jr. 2,208,891; July 23.
Vehicle for electric toy railways. E. Beyer and O. Fischer. 2,199,329; Apr. 30.
Vehicle frame and panel attaching means. A. R. Perkins. 2,196,939; Apr. 9.
Vehicle handling structure. J. M. Sherrod. 2,206,791; July 2.
Vehicle head lamp. M. Schreiber. 2,191,546; Feb. 27.
Vehicle heater. H. A. Flogaus. 2,208,669; July 23.
Vehicle heater. H. D. Pinkerton and C. S. Phenicle. 2,213,656; Sept. 3.
Vehicle heating. R. J. Parsons. 2,224,830; Dec. 10.
Vehicle identification and signaling device. R. H. Ducey. 2,198,108; Apr. 23.
Vehicle indentification plate, Motor. J. E. Sebesi. 2,194,725; Mar. 26.
Vehicle indicator. L. G. Hunter. 2,206,725; July 2.
Vehicle jack. H. H. Polk. 2,200,994; May 14.
Vehicle jack, Motor. L. A. Moreau. 2,187,533; Jan. 16.
Vehicle lamp. R. W. Johnson. 2,191,278; Feb. 20.
Vehicle lifting apparatus. P. J. Kroll. 2,199,524; May 7.
Vehicle passageway arrangement. A. Christianson. 2,225,951; Dec. 24.
Vehicle passageway foot plate arrangement. A. Christianson. 2,216,547; Oct. 1.
Vehicle position altering device. F. W. Jacobs. 2,200,422; May 14.
Vehicle power unit. T. G. Hare. 2,209,457; July 30.
Vehicle rocking apparatus. P. J. Kroll. 2,185,791; Jan. 2.
Vehicle rocking apparatus. P. J. Kroll. 2,203,201; June 4.
Vehicle rocking device. W. A. Swan. 2,188,763; Jan. 30.
Vehicle running gear. G. R. Goin. 2,189,204; Feb. 6.
Vehicle running gear. Frank M. White. 2,198,099; Apr. 23.
Vehicle safety device. L. Seinfeld and S. Weiss. 2,216,575; Oct. 1.
Vehicle seat, Automotive. R. N. Sears. 2,221,268; Nov. 12.
Vehicle signal. J. P. Bedford. 2,225,732; Dec. 24.
Vehicle signal. J. I. Wlochall. 2,218,014; Oct. 15.
Vehicle signal, Automatic. N. Bender. 2,189,528; Feb. 6.
Vehicle signal circuit. H. E. Metcalf. 2,186,766; Jan. 9.
Vehicle signaling system. H. E. Metcalf. 2,188,058; Jan. 23.
Vehicle spring. H. T. Dow. 2,227,300; Dec. 31.
Vehicle spring. E. H. Lindeman. 2,192,646; Mar. 5.
Vehicle spring. F. W. Marco. 2,188,689; Jan. 30.
Vehicle spring. M. Schilde. 2,202,603; May 28.
Vehicle stabilizing device, Motor. A. Fontanesi. 2,193,688; Mar. 12.
Vehicle steering apparatus. C. C. Utz. 2,215,280; Sept. 17.
Vehicle steering device. A. Ronning. 2,208,600; July 23.

Vehicle structure, Juvenile. S. A. Snell. 2,209,176; July 23.
Vehicle support assembly. W. H. Richards. 2,205,436; June 25.
Vehicle supporting device. A. Ronning. 2,217,817; Oct. 15.
Vehicle supporting stand. F. T. Court. 2,225,157; Dec. 17.
Vehicle supporting stand. M. E. McClellan. 2,207,812; July 16.
Vehicle suspension. R. W. Brown. 2,208,537–8; July 16.
Vehicle suspension. R. W. Brown. 2,208,540; July 16.
Vehicle suspension. T. A. Peterman. 2,194,323; Mar. 19.
Vehicle suspension. A. Ronning. 2,209,095; July 23.
Vehicle suspension. C. Z. Smith. 2,216,327; Oct. 1.
Vehicle suspension, Adjustable. A. S. Krotz. 2,191,211; Feb. 20.
Vehicle suspension system. H. M. Crane. 2,215,826; Sept. 24.
Vehicle suspension system. R. S. Sanford. 2,216,854; Oct. 8.
Vehicle theft prevention device, Motor. W. H. May. 2,205,104; June 18.
Vehicle top. C. C. Fish. 2,193,091; Mar. 12.
Vehicle top, Power operated collapsible. E. G. Simpson. 2,221,460; Nov. 12.
Vehicle towing connector. J. Kries. 2,189,667; Feb. 6.
Vehicle track chain. H. A. Knox. 2,186,978–9; Jan. 16.
Vehicle transmission, Motor. O. Hacker. 2,189,109; Feb. 6.
Vehicle transporting car. C. L. Fowler. 2,190,708; Feb. 20.
Vehicle truck. R. L. Lévy. 2,212,989; Aug. 27.
Vehicle underframe construction. J. Ledwinka, 2,188,879; Jan. 30.
Vehicle velocity change testing. G. E. Hull and J. G. Christhilf. 2,186,676; Jan. 9.
Vehicle wheel. F. W. Baker. 2,202,080; May 28.
Vehicle wheel. A. J. Cornelissen. 2,203,774; June 11.
Vehicle wheel. L. Galindo. 2,210,451; Aug. 6.
Vehicle wheel. E. Goldberg. 2,219,069; Oct. 22.
Vehicle wheel. H. J. Horn. 2,191,762; Feb. 27.
Vehicle wheel. H. J. Horn. 2,198,721; Apr. 30.
Vehicle wheel. H. J. Horn. 2,202,102; May 28.
Vehicle wheel. H. J. Horn. 2,205,652; June 25.
Vehicle wheel. H. J. Horn. 2,213,861; Sept. 3.
Vehicle wheel. H. J. Horn and J. H. Hunt. 2,187,032; Jan. 16.
Vehicle wheel. J. H. Hunt. 2,200,361; May 14.
Vehicle wheel. J. H. Hunt and H. J. Horn. 2,205,653; June 25.
Vehicle wheel. J. H. Hunt and H. J. Horn. 2,217,116; Oct. 8.
Vehicle wheel. H. W. Kranz. 2,191,202; Feb. 20.
Vehicle wheel. J. O. Maccabee. 2,206,230; July 2.
Vehicle wheel. J. W. Pattison. 2,198,883; Apr. 30.
Vehicle wheel. C. R. Stough. 2,217,081; Oct. 8.
Vehicle wheel. C. J. Whitacre. 2,217,086; Oct. 8.
Vehicle wheel, Detachable. C. H. Martin. 2,205,301; June 18.
Vehicle wheel, Emergency. E. H. Hill. 2,201,489; May 21.
Vehicle wheel mounting. A. S. Krotz. 2,226,406; Dec. 24.
Vehicle wheel mounting. G. L. Larison. 2,226,100; Dec. 24.
Vehicle wheel, Road. C. S. Ash. 2,213,265; Sept. 3.
Vehicle wheel suspension. W. L. Minick, Jr. 2,213,822; Sept. 3.
Vehicles at railroad crossings, Automatically stopping. A. W. Cowles. 2,208,016; July 16.
Vehicles, Braking of wheeled. T. F. N. Alexander. 2,196,951; Apr. 9.
Vehicles, Front end assembly for motor. A. J. Metz. 2,206,101; July 2.
Vehicles, Interior construction for motor. W. L. Tuell. 2,207,958; July 16.
Vehicles, Suspension of. J. Kolbe. 2,203,056; June 4.
Vehicular brake. M. Van Raalte. 2,190,052; Feb. 13.
Vehicular steering mechanism. S. K. Towson. 2,202,676; May 28.
Velocipede. J. W. Gallo. 2,197,658; Apr. 16.
Velocipede. H. J. Ott. 2,225,230; Dec. 17.
Velocipede. W. C. Roe. 2,207,161; July 9.
Velocipede. L. S. Willcox. 2,216,426; Oct. 1.
Velocipede construction. G. E. Bullock. 2,202,479; May 28.
Velocipede construction. S. A. Snell. 2,189,232; Feb. 6.
Velocipede frame. B. J. Anderson. 2,202,282; May 28.
Velocipede structure. S. A. Snell. 2,186,561; Jan. 9.
Velocipede structure. S. A. Snell. 2,209,175; July 23.
Velocity measuring system, Pressure wave. C. P. Walker. 2,190,141; Feb. 13.
Velocity meter. J. A. Manarik and K. H. Miller. 2,207,747; July 16.
Velocity modulation device. G. F. Metcalf. 2,220,840; Nov. 5.
Vending and change making machine, Coin controlled. T. L. Heaton. 2,195,305; Mar. 26.
Vending apparatus. B. S. Mahaffey. 2,208,298; July 16.
Vending apparatus, Coin controlled. C. A. Friemering. 2,202,578; May 28.
Vending machine. S. Brill and C. C. F. Clarke. 2,192,637; Mar. 5.
Vending machine. B. Eldredge. 2,194,893; Mar. 26.
Vending machine. B. M. Frith and G. E. Gwynne-Craig. 2,201,722; May 21.
Vending machine. B. W. Fry and J. Gottfried. 2,186,861; Jan. 9.
Vending machine. A. E. Gebert, M. H. Richardson and F. C. Black. 2,223,515; Dec. 3.
Vending machine. J. W. Gurley. 2,187,568; Jan. 16.
Vending machine. O. J. Hawley. 2,211,061; Aug. 13.
Vending machine. V. V. Kunkel. 2,209,461; July 30.
Vending machine. J. G. Llovera. 2,191,235; Feb. 20.
Vending machine. H. F. Mayfield. 2,190,879; Feb. 20.
Vending machine. A. P. McKelvy. 2,202,112; May 28.
Vending machine. G. P. Mergens. 2,203,834; June 11.
Vending machine. B. E. Mills. 2,189,740; Feb. 6.
Vending machine. F. F. Pulver. 2,191,585; Feb. 27.
Vending machine. M. H. Richardson, F. C. Black, and A. E. Gebert. 2,218,657; Oct. 22.
Vending machine. E. A. Rinkhoff. 2,221,723; Nov. 12.
Vending machine. H. J. Smith. 2,212,797; Aug. 27.
Vending machine. A. W. Thoreson. 2,185,778; Jan. 2.
Vending machine. W. A. Tratsch. 2,222,862; Nov. 26.
Vending machine. S. E. Van Tuyl. 2,215,024; Sept. 17.
Vending machine. A. H. Woodward, W. E. Richmond, and E. H. Thompson. Re. 21,451; May 14.
Vending machine, Bottled goods. C. M. Parker. 2,218,317; Oct. 15.
Vending machine, Coin-controlled. T. Jelenk. 2,191,145; Feb. 20.
Vending machine, Coin operated. G. L. Duvall. 2,216,811; Oct. 8.
Vending machine, Coin operated. C. Gabrielsen. 2,215,642; Sept. 24.
Vending machine for frozen confections and vending belt therefor. J. W. Martin. 2,186,302; Jan. 9.
Vending machine for refrigerated articles. C. F. Wood. 2,201,464; May 21.
Vending machine, Newspaper and magazine. W. C. Rice. 2,220,175; Nov. 5.
Vending machine, Popcorn. J. O. Coltman. 2,193,392; Mar. 12.
Vending mechanism. E. O. P. Tatter. 2,211,799; Aug. 20.
Vending mechanism, Coin controlled. J. Mettler. 2,209,703; July 30.
Vending mechanism, Coin controlled. J. Mettler. 2,211,512; Aug. 13.
Veneer, Patching. V. E. Anderson. 2,189,277; Feb. 6.
Veneer plate of aluminum alloy. I. Igarashi and S. Higashio. 2,208,186; July 16.
Veneered article and manufacture thereof. P. J. Nordby. 2,207,939; July 16.
Veneered articles, Manufacture of. R. K. Hopkins. 2,226,403; Dec. 24.
Venetian blind bracket. W. V. Goodman. 2,207,250; July 9.
Venetian blind bracket. H. K. Lorentzen. 2,200,510; May 14.
Venetian blind chain. E. W. North. 2,192,617; Mar. 5.
Venetian blind clamp. J. H. Booth. 2,197,965; Apr. 23.
Venetian blind cord lock. E. O. Z. Tolley and I. J. Hoffman. 2,198,187; Apr. 23.
Venous occlusion apparatus, Intermittent. S. A. Kroll. 2,225,308; Dec. 17.
Vent and filling device. E. W. Smith. 2,220,005; Oct. 29.
Vent and liquid level indicating means for use with tanks. F. P. Scully and A. E. Mathey. 2,227,323; Dec. 31.
Vent chamber for storage batteries. L. E. Wells. 2,214,803; Sept. 17.
Vent device, Automatic. M. Lipschitz. 2,198,452; Apr. 23.
Vent, Electrolytic condenser. W. G. Pontis and P. F. Koehly. 2,227,319; Dec. 31.
Vent for flour hoppers, Air. W. F. Dehuff. 2,211,103; Aug. 13.
Vent for musical wind instruments, Octave. M. Selmer. 2,226,536; Dec. 31.
Vent, Louvered. A. F. Mantz. 2,195,704; Apr. 2.
Vent structure. W. Grothe. 2,220,328; Nov. 5.
Vent structure for pipe line conveyers. E. Hahn. 2,225,777; Dec. 24.
Vented valve. A. Terkel. 2,197,352; Apr. 16.
Ventilated cap. M. S. Kaye. 2,185,670; Jan. 2.
Ventilating and accelerating delivery and stacking of printed sheets in a printing press. H. Erikson and G. A. Harker. 2,191,881; Feb. 27.
Ventilating and air conditioning apparatus, Vehicle. A. R. Lintern. 2,200,992; May 14.
Ventilating and humidifying system. A. F. Karlson. 2,204,016; June 11.
Ventilating apparatus. D. H. King. 2,207,671; July 9.
Ventilating apparatus. G. W. McKee. 2,206,858; July 2.
Ventilating apparatus. L. J. Riconda. 2,219,237; Oct. 22.
Ventilating apparatus. J. D. Strobell. 2,218,561; Oct. 22.
Ventilating apparatus. V. P. Winton. 2,198,420; Apr. 23.
Ventilating apparatus for toilet bowls. F. W. Heuacker. 2,216,008; Sept. 24.
Ventilating building structure. M. G. Lee. 2,200,031; May 7.
Ventilating device. W. H. Dresser and W. E. Van Doren. 2,202,339; May 28.

Ventilating device. F. J. Kurth. 2,185,919; Jan. 2.
Ventilating device. F. J. Kurth. 2,189,008; Feb. 6.
Ventilating device. W. L. Morrison. 2,201,374; May 21.
Ventilating device for automobile bodies. J. Esposito. 2,189,000; Feb. 6.
Ventilating device for automobiles. W. L. Morrison. 2,202,393; May 28.
Ventilating device for centrifuge casings. F. W. Kunkel. 2,203,654; June 4.
Ventilating means for automobiles. E. and J. Wickstrom. 2,223,709; Dec. 3.
Ventilating means, Vehicle. A. C. Diehl. 2,201,480; May 21.
Ventilating plant for goods piled up such as grain. A. Gronert. 2,196,391; Apr. 9.
Ventilating system. E. E. Meyerhoefer. 2,225,070; Dec. 17.
Ventilating system. E. J. W. Ragsdale, J. F. Clary and D. L. Buchanan. 2,223,940; Dec. 3.
Ventilating system. W. J. Samuelson and H. M. Brewster. 2,212,050; Aug. 20.
Ventilating system for automobiles. N. E. Wahlberg. 2,203,477; June 4.
Ventilating system, Motor. E. O. Mueller. 2,214,592; Sept. 10.
Ventilating system, Pressure. C. O. Bergstrom. 2,197,740; Apr. 16.
Ventilating system, Traction motor. F. L. Alben. 2,217,428; Oct. 8.
Ventilation apparatus, Vehicle. A. R. Lintern. 2,202,703; May 28.
Ventilation of dynamoelectric machine. H. E. Stokes. 2,210,692; Aug. 6.
Ventilation of the motor compartment in streamlined automobiles. M. Klavik. 2,194,398; Mar. 19.
Ventilation of the motor compartment of automobiles. M. Klavik. 2,199,317; Apr. 30.
Ventilation system. C. H. Sutherland. 2,209,363; July 30.
Ventilation system and apparatus, Mulching. F. C. Hoover. 2,209,891; July 30.
Ventilation system, Greenhouse. G. H. Hennessey. 2,206,478; July 2.
Ventilator. H. R. Boyer. 2,218,348; Oct. 15.
Ventilator. A. F. Copersito. 2,194,137; Mar. 19.
Ventilator. M. S. Curley. 2,191,341; Feb. 20.
Ventilator. S. J. Davey and G. A. Christman. 2,211,367; Aug. 13.
Ventilator. O. C. Eliason. 2,218,330; Oct. 15.
Ventilator. C. Hammesfahr. 2,222,838; Nov. 26.
Ventilator. P. Herman. 2,207,198; July 9.
Ventilator. M. E. Marsalis. 2,193,877; Mar. 19.
Ventilator. C. L. Metzgar and F. M. Lambert. 2,205,123; June 18.
Ventilator. H. L. Moose. 2,191,768; Feb. 27.
Ventilator. C. L. Schilling. 2,203,444; June 4.
Ventilator. G. R. Siefken. 2,200,045; May 7.
Ventilator. B. Sonntag. 2,226,641; Dec. 31.
Ventilator. S. I. Thomas. 2,221,497; Nov. 12.
Ventilator, Adjustable window. T. L. Atkinson. 2,197,233; Apr. 16.
Ventilator, air diffused, and the like. N. F. Johnston. 2,189,502; Feb. 6.
Ventilator and drier for small grain bins. J. W. Meacham. 2,214,426; Sept. 10.
Ventilator control, Automobile window. G. W. Ewing and D. L. Chandler. 2,198,911; Apr. 30.
Ventilator, Direct pressure. P. W. Barron. 2,188,699; Jan. 30.
Ventilator, Gear casing. C. H. Oshei. 2,211,155; Aug. 13.
Ventilator, Louver. H. O. Nelson. 2,227,360; Dec. 31.
Ventilator, Mattress. C. A. Light. 2,224,687; Dec. 10.
Ventilator, Power-operated. T. L. Roberts. 2,188,741; Jan. 30.
Ventilator structure, Cowl. O. F. Graebner. 2,191,650; Feb. 27.
Ventilator, Toilet. J. P. Lowther. 2,214,200; Sept. 10.
Ventilator, Vehicle body. W. Lintern and A. R. Lintern. 2,210,592; Aug. 6.
Ventilator, Window. G. V. Curtis. 2,197,886; Apr. 23.
Ventilator, Window. W. Haugh. 2,194,388; Mar. 19.
Ventilator, Window. S. Hoffer and S. Nosowitz. 2,201,830; May 21.
Ventilator, Window. H. Hovland. 2,196,070; Apr. 2.
Ventilator, Window. H. C. Hueglin. 2,193,284; Mar. 12.
Ventilator, Window. L. M. Jones. 2,216,413; Oct. 1.
Venting cap. J. H. Woods. 2,210,996; Aug. 13.
Verge plates and making same. F. G. Weisbecker. 2,227,403; Dec. 31.
Vermicelli, Manufacturing. C. T. Him. 2,205,834; June 25.
Vermiculite and similar minerals, Exfoliating. C. H. Butler. 2,187,538; Jan. 16.
Vermiculite processing machine. W. H. D. Hinchman. 2,203,821; June 11.
Vermin killers, Production of. A. Esch. 2,189,730; Feb. 6.
Vernier. F. J. Polasik. 2,212,884; Aug. 27.
Vertical edging mill. J. A. Smitmans. 2,195,502; Apr. 2.
Vertical strip cleaner. E. A. Matteson and W. R. Meredith. 2,224,267; Dec. 10.
Vertically adjustable and foldable seat. G. B. Bentz. 2,219,975; Oct. 29.
Vessel and making a vitreous seal, Evacuating a. D. V. Edwards. 2,223,031; Nov. 26.
Vessel closure, Pressure. A. T. Thompson. 2,215,412; Sept. 17.
Vessel, Combination cooking. E. W. Blankenship. 2,199,687; May 7.
Vessel, Combination cooking. W. B. Smith. 2,223,432; Dec. 3.
Vessel, Cooking. H. B. Klusmeyer. 2,217,555; Oct. 8.
Vessel, Culinary. P. U. Lannerd and C. C. Carr. 2,220,250; Nov. 5.
Vessel, Electric discharge. R. Scharfnagel. 2,188,061; Jan. 23.
Vessel, Electric discharge. R. Scharfnagel. 2,206,515; July 2.
Vessel, Electric discharge. R. Scharfnagel. 2,210,131; Aug. 6.
Vessel, Electric discharge. H. Schedel. 2,202,469; May 28.
Vessel, Electric discharge. H. Schedel. 2,206,489; July 2.
Vessel, Food processing. M. H. Graham. 2,194,117–8; Mar. 19.
Vessel for beverages, Cooling and mixing. W. F. Alder. 2,191,434; Feb. 27.
Vessel for compressed oxygen or oxygen-containing gases, Pressure. E. Zurbrügg. 2,205,708; June 25.
Vessel for transporting and dropping depth bombs. S. B. Leonardi, Jr. 2,197,129; Apr. 16.
Vessel, Illuminated drinking. R. M. Schroyer. 2,224,319; Dec. 10.
Vessel, Noncorrosive. G. W. Watts. 2,209,290; July 23.
Vessel, Pouring. D. A. Belden. 2,197,141; Apr. 16.
Vessel, Pressure. G. T. Jacocks. 2,226,494; Dec. 24.
Vessel transferring mechanism. W. L. McNamara. 2,224,975; Dec. 17.
Vessel, Vacuum. H. Schedel. 2,215,798; Sept. 24.
Vessels and apparatus therefor, Sterilizing empty. O. Powley. 2,194,463; Mar. 26.
Vessels and structure of great variety, Method and apparatus relating to insulated. E. A. Richardson. 2,215,532; Sept. 24.
Vessels by electric fusion welding, Lining. O. E. Andrus. 2,219,352; Oct. 29.
Vessels, Construction of. J. W. Stewart. 2,218,689; Oct. 22.
Vessels, Fabricating lined. W. A. Howard and T. C. Smith. 2,185,463; Jan. 2.
Vessels, Making multilayer pressure. F. K. Zerbe. 2,217,090; Oct. 8.
Vessels, Making pressure. W. R. Kepler. 2,209,402; July 30.
Vessels method and machine for sealing vitreous. D. S. Gustin. 2,215,100; Sept. 17.
Vessels or the like, Manufacturing pressure. E. S. Cornell, Jr. 2,197,609; Apr. 16.
Vial forming machine. J. Dichter. 2,226,303; Dec. 24.
Vibrating and massaging device. C. E. Hegstrom. 2,198,872; Apr. 30.
Vibrating apparatus. C. J. Johnson. 2,225,537; Dec. 17.
Vibrating device. A. I. Caquot. 2,204,472; June 11.
Vibrating device. H. Svenson. 2,194,410; Mar. 19.
Vibrating screen. E. B. Gary. 2,225,444; Dec. 17.
Vibration absorbing mechanism. S. E. Woodbury. 2,210,051; Aug. 6.
Vibration absorbing support. F. D. Beck. 2,209,592; July 30.
Vibration absorbing supporting structure. H. M. Austin and J. A. Muir. 2,212,142; Aug. 20.
Vibration apparatus. N. W. Jönsson. 2,222,146; Nov. 19.
Vibration dampener. J. F. Eaton and H. D. Collins. 2,212,153; Aug. 20.
Vibration dampener, Torsional. S. R. Bergman. 2,220,751; Nov. 5.
Vibration eliminator, Engine. J. L. Strasburg, F. J. Livingston, and G. C. Billman. 2,198,135; Apr. 23.
Vibration indicator. A. V. Mershon. 2,204,425; June 11.
Vibration isolator. J. J. Coyne. 2,189,708; Feb. 6.
Vibration isolator. A. M. Gray, Jr., and J. S. Parkinson. 2,216,814; Oct. 8.
Vibration neutralizer. R. T. McGoldrick. 2,226,571; Dec. 31.
Vibration suppressing means. C. Criswell. 2,214,921; Sept. 17.
Vibration suppressor. A. W. Gaubatz. 2,207,376; July 9.
Vibration suppressor. M. A. Thorne. 2,207,362; July 9.
Vibrational machinery. E. W. Smith. 2,191,504; Feb 27.
Vibrations, Producing mechanical. E. E. Turner, Jr. 2,219,348; Oct. 29.
Vibrations, System for analyzing. R. R. R. Sarazin. 2,191,862; Feb. 27.
Vibrator. H. J. Brown. 2,197,607; Apr. 16.
Vibrator. G. L. Malan. 2,187,088; Jan. 16.
Vibrator. A. W. Mall. 2,209,656; July 30.
Vibrator. A. W. Mall. 2,214,142; Sept. 10.
Vibrator. T. H. Morgan. 2,196,224; Apr. 9.
Vibrator. A. S Nace. 2,199,508; May 7.
Vibrator. N. A. Nelson. 2,222,422; Nov. 19.
Vibrator. J. Oster. 2,200,635; May 14.
Vibrator. G. B. Pickop. 2,220,614; Nov. 5.
Vibrator. R. E. Wood. 2,213,854; Sept. 3.
Vibrator and circuit for same. S. F. James. 2,200,064; May 7.

Vibrator apparatus. E. B. Tolman, Jr. 2,209,143; July 23.
Vibrator, Body. W. D. Spencer. 2,199,965; May 7.
Vibrator circuit. P. F. G. Holst. 2,223,564; Dec. 3.
Vibrator circuit. C. W. Musser. 2,207,300; July 9.
Vibrator, Current converting. F. J. Stevens and W. G. Layson, Jr. 2,205,315; June 18.
Vibrator device. H. Bartels and E. Severin. 2,213,541; Sept. 3.
Vibrator, Electric. O. Hermann. 2,224,263; Dec. 10.
Vibrator, Electric. M. J. Landgraf. 2,212,102; Aug. 20.
Vibrator, Electrical. C. S. Weyandt. 2,206,244; July 2.
Vibrator head rest. B. Decker. 2,204,035; June 11.
Vibrator, Massage. R. Hetherington. 2,219,651; Oct. 29.
Vibrator, Portable form. C. Jackson. 2,185,850; Jan. 2.
Vibrator unit. M. E. Nulsen. 2,223,573; Dec. 3.
Vibratory aligner. H. S. Orth, C. R. Oberst, and W. E. Cramer. 2,186,652; Jan. 9.
Vibratory apparatus. R. W. Bally. 2,198,148; Apr. 23.
Vibratory element. C. Pfanstiehl. 2,185,966; Jan. 2.
Vibratory frequency controlling device. C. H. Rumpel. 2,222,688; Nov. 26.
Vibratory interrupter, Electromagnetic. I. M. Slater. 2,190,685; Feb. 20.
Vibratory screen. M. F. Warner. 2,193,954; Mar. 19.
Vibratory screen. E. J. Winkleman. 2,207,844; July 16.
Vibroisolator. S. Rosenzweig. 2,200,561; May 14.
View and range finder, Combined. J. Mihalyi. 2,186,615; Jan. 9.
View device, Supplemental. R. Topping. 2,197,280; Apr. 16.
View finder and range finder, Combined. C. Ort. 2,191,027; Feb. 20.
View finder system. W. C. Hoch. 2,219,314; Oct. 29.
View transmission system. R. C. Ballard. 2,217,831; Oct. 15.
Viewing apparatus. R. N. Isbell. 2,211,376; Aug. 13.
Viewing device. D. L. Wood. 2,193,016; Mar. 12.
Vignetter for cameras. F. R. Heward. 2,193,333; Mar. 12.
Vine grasper bar. E. Thys. 2,193,354; Mar. 12.
Vinegar from dextrose, Making. R. F. Cohee, Jr. 2,197,517; Apr. 16.
Vinegar, Fruit. H. Mostny. 2,224,059; Dec. 3.
Viner. W. de Back. 2,213,387; Sept. 3.
Vinylacetylene, Hydrohalogenation of. A. S. Carter and F. B. Downing. 2,221,941; Nov. 19.
Vinyl halides, Preparation of. A. B. Japs. 2,225,635; Dec. 24.
Vinylidene chloride, Polymerization of. E. C. Britton and C. W. Davis. 2,206,022; July 2.
Vinylidene chloride polymers, Treating. R. M. Wiley. 2,205,449; June 25.
Vinyl methyl ketone, Obtaining. H. Lange and O. Horn. 2,208,296; July 16.
Vinyl resin plastic compositions. V. Yngve. 2,204,743; June 18.
Viol, Bass. H. S. Smith. 2,223,190; Nov. 26.
Viscose low in hemicellulose. J. J. Stoeckley and W. Linnhoff. 2,222,050; Nov. 19.
Viscosimeter. R. D. Delamere and W. M. Hutcheon. 2,203,132; June 4.
Viscous materials, Continuous mixing of. R. V. Burt. 2,203,980; June 11.
Viscous products suitable for lubrication, Manufacturing. E. Eichwald. 2,196,670; Apr. 9.
Vise. E. M. Hess. 2,215,122; Sept. 17.
Vise. D. R. Passauer. 2,221,923; Nov. 19.
Vise and workholder, Universal. J. H. Smith. 2,207,881; July 16.
Vise clamp. J. Kleinman. 2,195,277; Mar. 26.
Vise for tack buttons, Metal. F. H. Peterson. 2,207,022; July 9.
Vise, Jar. W. Yeatts. 2,199,516; May 7.
Vise, Milling machine. F. Koch. 2,223,323; Nov. 26.
Vise mounting. E. M. Bush. 2,197,850; Apr. 23.
Vise, Pipe. P. J. Brewington. 2,196,623; Apr. 9.
Vise, Portable. J. A. Waller. 2,204,837; June 18.
Vise, Portable chain. R. L. Mullaney. 2,207,892; July 16.
Vise, Saw trimmer. W. Hertler. 2,188,976; Feb. 6.
Vise, Shoe. D. L. Gorbatenko and A. Allgoewer. 2,190,983; Feb. 20.
Vise, Work-holding. J. W. Robertson. 2,194,406; Mar. 19.
Visibility control wheel. W. L. Wells. 2,203,852; June 11.
Visibility display, Accentuated. H. J. Feist. 2,208,024; July 16.
Visibility, Measuring. J. Neufeld. 2,198,971; Apr. 30.
Visible mechanism for slot machines. C. B. Plissner. 2,187,362; Jan. 16.
Vision device, Highway. R. M. Cooley. 2,191,558; Feb. 27.
Visor. G. A. Roberts. 2,201,348; May 21.
Visor. H. L. Sanderson. 2,191,775; Feb. 27.
Visor. A. J. Schoenheit. 2,201,377–8; May 21.
Visor, Antiglare. K. Olsen. 2,204,691; June 18.
Visor, Extensible sun. E. M. Mitchell. 2,185,898; Jan. 2.
Visor for industrial hats, Protective. C. W. McClung and P. Ransom. 2,204,688; June 18.
Visor, Sun. C. J. Davies. 2,221,182; Nov. 12.
Visor, Sun. C. J. Davies. 2,223,845; Dec. 3.
Visor, Sun. D. W. Hudgings, Jr. 2,207,668; July 9.
Visor, Sun. E. R. Scott. 2,207,227; July 9.
Visor, Sun. A. M. Staubly. 2,206,793; July 2.
Visual reference system, Automatic. F. W. Sammons. 2,222,881; Nov. 26.
Visual tuning indicator. J. D. Lindsay, E. J. Wiggins, and J. A. Press. 2,188,136; Jan. 23.
Vitamin. A. G. Boer, J. van Niekerk, E. H. Reerink, and A. van Wijk. 2,216,719; Oct. 8.
Vitamin B complex, Extraction of. B. Maizel. 2,193,876; Mar. 19.
Vitamin compositions, Preparation of. K. C. D. Hickman. 2,199,995; May 7.
Vitamin concentrate, Fat soluble. K. C. D. Hickman. 2,205,925; June 25.
Vitamin concentrate, Preparation of. G. G. R. Smith. 2,207,385; July 9.
Vitamin concentration. L. E. Booher. 2,202,307; May 28.
Vitamin D product, Producing. G. C. Supplee. 2,194,188; Mar. 19.
Vitamin E concentrate, Producing. J. S. Andrews. 2,203,400; June 4.
Vitamin preparation. F. Schultz. 2,193,523; Mar. 12.
Vitamin preparation. H. F. Taylor. 2,218,591; Oct. 22.
Vitamin preparation and making same. H. F. Taylor. 2,218,592; Oct. 22.
Vitamins, Concentration and isolation of water-soluble. S. Ansbacher, G. E. Flanigan, and G. C. Supplee. 2,186,314; Jan. 9.
Vitamins from fish and vegetable oils, Separating fat or oil soluble. J. G. Blaso. 2,207,712; July 16.
Vitamins from fish press water, Concentrating. S. H. Lassen. 2,188,008; Jan. 23.
Vitreous articles and product produced thereby, Coloring. O. H. Paddock and A. M. Greaves-Walker. 2,194,611; Mar. 26.
Vitreous articles, Coloring. G. White. 2,225,729; Dec. 24.
Vitreous body. M. Pirani and J. H. Partridge. 2,219,331; Oct. 29.
Vitreous material. M. Hirose and H. Kamogawa. 2,220,765; Nov. 5.
Vitreous material, Method and apparatus for fiberizing. G. Slayter. 2,206,060; July 2.
Vocal or other sounds, System for the artificial production of. H. W. Dudley. 2,194,298; Mar. 19.
Vocamonica. C. M. Berry. 2,197,993; Apr. 23.
Voice attachment for mittens. S. H. Krasno. 2,219,013; Oct. 22.
Voice frequency generator, Reed type. T. L. Dowey. 2,220,088; Nov. 5.
Volatile products from bituminous substances, Obtaining. L. Kahl. 2,224,685; Dec. 10.
Voltage control. L. B. Haddad. 2,208,578; July 23.
Voltage converter. A. Bouwers. 2,219,292; Oct. 29.
Voltage converter tube. S. Ruben. 2,192,506; Mar. 5.
Voltage divider, Capacitive radio frequency. G. Schweitzer. 2,205,866; June 25.
Voltage doubler circuit. L. C. Bentley. 2,203,485; June 4.
Voltage generating apparatus. W. F. Westendorp. 2,214,871; Sept. 17.
Voltage indicating system, High or low. C. S. Knowlton. 2,197,868; Apr. 23.
Voltage multiplier. A. Bouwers and A. Kuntke. 2,213,199; Sept. 3.
Voltage multiplier. W. Kalbskopf. 2,213,843; Sept. 3.
Voltage recording device. R. K. Honaman and L. K. Swart. 2,189,110; Feb. 6.
Voltage regulating device. H. Bohm. 2,207,234; July 9.
Voltage-regulating equipment. F. Ratkovszky. 2,202,024; May 28.
Voltage regulating means for alternating current arc welding. C. J. Holslag. 2,197,215; Apr. 16.
Voltage regulating means for rectifiers. H. Winograd. 2,189,828; Feb. 13.
Voltage regulating relay. E. D. T. Norris and N. Newton. 2,207,490; July 9.
Voltage regulating system. W. R. Koch. 2,207,259; July 9.
Voltage regulating system. A. A. Steinmetz and H. M. Ward. 2,212,554; Aug. 27.
Voltage regulation. E. Q. Adams. 2,196,886; Apr. 9.
Voltage regulation. A. Kuntke. 2,227,353; Dec. 31.
Voltage regulation system for vacuum tube amplifiers. J. F. Byrne. 2,204,571; June 18.
Voltage regulator. F. H. Gulliksen. 2,221,579; Nov. 12.
Voltage regulator. C. R. Hanna. 2,193,130; Mar. 12.
Voltage regulator. C. R. Hanna. 2,217,406; Oct. 8.
Voltage regulator. J. F. Kovalsky. 2,221,587; Nov. 12.
Voltage regulator. W. L. Stevens. 2,216,405; Oct. 1.
Voltage regulator. E. W. Swanson. 2,226,644; Dec. 31.
Voltage regulator, Electronic. D. E. Norgaard. 2,219,195; Oct. 22.
Voltage regulator for lighting system. C. Stansbury. 2,226,025; Dec. 24.
Voltage regulator tube. J. M. Pomfrett. 2,194,432; Mar. 19.
Voltage testing equipment, Impulse. G. L. Candler and W. D. Albright. 2,185,292; Jan. 2.
Voltage transformation device, Electrical. E. D. Lilja. 2,194,285; Mar. 19.
Voltage winding, High. J. J. Vienneau. 2,194,338; Mar. 19.

Voltages, System for amplification of direct. H. W. Pieplow. 2,226,288; Dec. 24.
Voltmeter, Electrostatic. F. H. Nadig and J. L. Bohn. 2,221,600; Nov. 12.
Voltmeter for high voltage, High-frequency. L. Rohde. 2,199,757; May 7.
Voltmeter, Vacuum tube. O. J. Morelock. 2,208,329; July 16.
Voltolization apparatus and method. J. E. Clemens and G. L. Matheson. 2,191,787; Feb. 27.
Voltolization process and products thereto. R. Rosen. 2,220,287; Nov. 5.
Volume compression device for sound reproducers. G. L. Dimmick. 2,207,243; July 9.
Volume control apparatus for radio receivers. R. B. Foster. 2,219,302; Oct. 29.
Volume control, Automatic. R. A. Braden. 2,226,366; Dec. 24.
Volume control, Automatic. H. B. Fuchs. 2,222,432; Nov. 19.
Volume control, Automatic. Y. B. F. J. Groeneveld. 2,200,062; May 7.
Volume control, Automatic. R. Hildebrandt. 2,204,962; June 18.
Volume control, Automatic. R. A. Weagant. 2,207,905; July 16.
Volume control circuit, Automatic. D. E. Foster. 2,221,086; Nov. 12.
Volume control circuit, Automatic. G. Mountjoy and E. W. Wilby. 2,200,037; May 7.
Volume control circuit, Automobile receiver. J. L. Hathaway. 2,224,678; Dec. 10.
Volume control for fans. M. S. Kice, Jr. 2,201,437; May 21.
Volume control for phonographs. P. U. Lannerd. 2,221,977; Nov. 19.
Volume control for phonographs, Automatic. O. A. Hokanson and R. C. Jones. 2,216,913; Oct. 8.
Volume control for radio receivers. R. H. Pratt. 2,207,023; July 9.
Volume control in receiver sets. H. Pitsch and O. Tuxen. 2,218,095; Oct. 15.
Volume control means. G. W. Demuth. 2,225,689; Dec. 24.
Volume control system. K. H. F. Schlegel. 2,221,681; Nov. 12.
Volume control tube. T. J. Henry. 2,221,744; Nov. 12.
Volume control with noise suppression, Automatic. L. E. Barton. 2,216,582; Oct. 1.
Volume limiter circuit. A. M. Curtis. 2,208,923; July 23.
Volume limiter circuit. S. Doba, Jr. 2,208,752; July 23.
Volume range controlling arrangement employing thermionic amplifiers. C. E. P. Jones. 2,193,966; Mar. 19.
Volume represented by a shaded record, Predetermining the. E. J. Cook. 2,222,069; Nov. 19.
Volumetric feeder. J. M. Montgomery. 2,204,097; June 11.
Voting machine. F. M. Carroll. 2,195,848; Apr. 2.
Voting machine. A. N. Gustavson. 2,189,951; Feb. 13.
Voting machine. A. N. Gustavson. 2,217,980; Oct. 15.
Voting machine. R. F. Shoup. 2,191,086; Feb. 20.
Voting machine. R. F. Shoup. 2,215,110; Sept. 17.
Voting machine. R. F. Shoup. 2,216,458; Oct. 1.
Vulcanizate and preparing the same, Peptized. A. D. Castello. 2,211,592; Aug. 13.
Vulcanization accelerator. M. W. Harman. 2,191,656; Feb. 27.
Vulcanization accelerator. J. G. Lichty. 2,226,534; Dec. 31.
Vulcanization, Accelerator of. J. G. Lichty. 2,188,280; Jan. 23.
Vulcanization, Accelerator of. W. Scott. 2,208,333; July 16.
Vulcanization, Accelerator of. A. W. Sloan. 2,226,984; Dec. 31.
Vulcanization, Retarder of. R. A. Crawford. 2,213,954; Sept. 10.
Vulcanizer. G. P. Bosomworth. 2,200,871; May 14.
Vulcanizer. A. L. Wallace. 2,105,112; June 18.
Vulcanizer adapter. R. G. Daniel. 2,185,542–3; Jan. 2.
Vulcanizer, Continuous. A. L. Wallace. 2,187,253–4; Jan. 16.
Vulcanizing apparatus. W. B. Freeman. 2,198,493; Apr. 23.
Vulcanizing apparatus, Continuous. H. T. Battin. 2,200,735; May 14.
Vulcanizing press. H. C. Bostwick. 2,224,336; Dec. 10.
Wafer for attaching heels and heel-breast flaps, Pyroxylin. L. J. Bazzoni. 2,203,769; June 11.
Wagon bolster. R. O. Sheldon. 2,193,411; Mar. 12.
Wagon, Dump. H. F. Gorsuch and C. B. Dupre. 2,226,465; Dec. 24.
Wagon, Farm. B. and L. Van Zeeland. 2,190,300; Feb. 13.
Wagon, Tower. J. P. Wagner and H. C. Rau. 2,196,511; Apr. 9.
Waistband and fastening same, Trouser. F. Shikler. 2,194,100; Mar. 19.
Waistband construction of trousers and the like. H. C. Bardsley. 2,216,030; Sept. 24.
Waistband for trousers, Convertible. R. D. Punsly. 2,213,786; Sept. 3.
Waist restrainer. R. McCabe. 2,186,255; Jan. 9.
Walker. H. R. Hall. 2,198,813; Apr. 30.
Walker, Baby. G. B. Hansburg. 2,220,238; Nov. 5.
Walker, Ice. G. E. Sloan. 2,208,200; July 16.
Walking aid apparatus, Invalid. V. A. Murray. 2,206,234; July 2.
Walking appliance. G. Miller. 2,195,034; Mar. 26.
Wall. H. Jaruschka. 2,206,403; July 2.
Wall and ceiling construction. F. W. Richardson. 2,198,316; Apr. 23.
Wall and step construction. A. Henderson. 2,208,844; July 23.
Wall and tile therefor, Tiled. C. J. Stanley and J. T. Welch. 2,195,904; Apr. 2.
Wallboard. J. T. Kenney. 2,200,750; May 14.
Wallboard. I. J. Novak. 2,206,042; July 2.
Wallboard. F. D. Welch. 2,186,511; Jan. 9.
Wallboard construction. B. B. Reger. 2,222,572–3; Nov. 19.
Wallboard fastener. A. S. T. Lagaard. 2,197,750; Apr. 16.
Wallboard having a cementitious core, Manufacture of. T. P. Camp and J. Page. 2,200,155; May 7.
Wallboard, Method of and device for installing. A. S. T. Lagaard. 2,197,749; Apr. 16.
Wall box. E. G. Henry. 2,219,257; Oct. 22.
Wall box switch. F. Pedatella. 2,202,535; May 28.
Wall building construction, Metal. G. V. Palmer. 2,200,636; May 14.
Wall, bulkhead, and panel, Fire. F. H. and L. J. Saino. 2,196,781; Apr. 9.
Wall cabinet. H. H. Miller. 2,193,372; Mar. 12.
Wall cabinet table. A. B. Bell. 2,199,981; May 7.
Wall cleaning apparatus. W. Sisman. 2,190,576; Feb. 13.
Wall construction. W. E. Drummond. 2,209,514; July 30.
Wall construction. W. R. Keating. 2,216,948; Oct. 8.
Wall construction. F. R. Schaaf. 2,192,107; Feb. 27.
Wall construction. R. D. Woodworth. 2,213,355; Sept. 3.
Wall construction and wall construction material. H. Ernstoff. 2 223,721; Dec. 3.
Wall construction, Concrete building. C. J. Ulrich. 2,189,872; Feb. 13.
Wall construction, Furnace. H. Hicks. 2,225,216; Dec. 17.
Wall construction, Furnace or boiler. T. E. Murray, Jr 2,220,944; Nov. 12.
Wall construction, Railroad car. K. F. Nystrom. 2,190,334; Feb. 13.
Wall covering, Decorative. G. Désagnat. Re. 21,313; Jan. 2.
Wall covering, Detachable. S. P. Lichtor. 2,208,159; July 16.
Wall facing. A. F. Thompson. 2,188,021; Jan. 23.
Wall for railway cars, End. G. G. Gilpin. 2,187,025; Jan. 16.
Wall member, Concrete. W. O. Brassert. 2,213,687; Sept. 3.
Wall or like plug. J. J. Rawlings. 2,191,399; Feb. 20.
Wall or the like. V. B. Maler. 2,212,990; Aug. 27.
Wall outlet and plug switch. W. E. Johnston. 2,224,366; Dec. 10.
Wall paneling supporting means. F. M. Small. 2,190,806; Feb. 20.
Wall panels, Making dense. G. H. Ellis. 2,208,511; July 16.
Wall paper. B. C. Kellogg. 2,220,571; Nov. 5.
Wallpaper board. W. M. Clemm. 2,206,162; July 2.
Wall paper cleaner. E. O. Barker. 2,225,517; Dec. 17.
Wallpaper marking machine. E. N. Burrows. 2,193,548; Mar. 12.
Wallpaper, Removing. W. L. Abramowitz. 2,221,960; Nov. 19.
Wall plug. F. W. Krause. 2,213,818; Sept. 3.
Wall sealing. W. F. Leicester. 2,209,571; July 30.
Wall sign. M. H. Semple. 2,194,172; Mar. 19.
Wall, Soundproof. E. Meyer. 2,194,864; Mar. 26.
Wall structural unit. K. M. Groetschel and H. Toussaint. 2,185,916; Jan. 2.
Wall structure. J. C. Morrell. 2,202,783; May 28.
Wall structure. H. E. W. Quest. 2,223,740; Dec. 3.
Wall structure. A. C. Sargent. 2,209,580; July 30.
Wall structure and building block therefor. G. D. King. 2,196,074; Apr. 2.
Wall structure, Building. L. E. Willson. 2,191,267; Feb. 20.
Wall structure, Furnace. G. W. Davey. 2,186,577; Jan. 9.
Wall structure, Hollow. G. W. Williams. 2,187,959; Jan. 23.
Wall structure, Metallic. J. A. Bohnsack and T. V. Balch. 2,186,953; Jan. 16.
Wall, Sweatproof masonry. W. C. Fuller. 2,205,404; June 25.
Wall switch. R. I. Innis. 2,211,818–19; Aug. 20.
Wall, Take-off. J. C. P. Leemhuis. 2,210,940; Aug. 13.
Wall, Tiled. R. C. Worden. 2,202,568; May 28.
Wall unit for sliding doors. A. H. Faris. 2,220,400; Nov. 5.
Wall, Waterproof brick. J. A. Poroma. 2,192,366; Mar. 5.
Walls and floors, Building. C. R. Payne. 2,227,228; Dec. 31.

Walls and partitions, Construction of. W. H. Kerr. 2,208,191; July 16.
Walls, Construction of composite. M. Fould. 2,218,675; Oct. 22.
Walls, Sheathing excavation. E. B. Dowd. 2,188,077; Jan. 23.
Wallet and billford, Letter. M. E. Trollen. 2,207,135; July 9.
Wallets. P. Florin. 2,187,375; Jan. 16.
War machine, Subterranean. G. D. Dunkum. 2,207,536; July 9.
Wardrobe cabinet, Collapsible. J. L. Wolf. 2,187,004; Jan. 16.
Wardrobe case. J. Ritter, Jr. 2,207,026; July 9.
Warm air furnace. A. P. Livar. 2,196,703; Apr. 9.
Warm air furnace. M. L. Mueller. 2,193,735; Mar. 12.
Warming and sterilizing apparatus. C. J. McNamara. 2,214,425; Sept. 10.
Warming device. S. A. Platt. 2,218,974; Oct. 22.
Warning and indicating signal, Combined. C. W. Lindstrom. 2,199,264; Apr. 30.
Warning signal. T. J. Scofield and F. W. Hardick. 2,203,420; June 4.
Warning signal, Audible. T. J. Scofield. 2,204,705; June 18.
Warning signal, Railway-highway grade crossing. M. G. Slawson. 2,221,290; Nov. 12.
Warning system of dwelling houses, hotels, and similar establishments. A. Cianchi. 2,202,188; May 28.
Warp beam. W. B. McVeigh and H. M. Hibbert. 2,185,642; Jan. 2.
Warp control in Axminster looms. C. E. Brown. 2,226,217; Dec. 24.
Warp tying machine. H. P. Eanes. 2,192,674; Mar. 5.
Warping, Direct. R. H. Balch, T. C. Campbell, and J. L. Grant. 2,185,621; Jan. 2.
Warp-uniting machine. M. N. Noling. 2,188,394; Jan. 30.
Washbasin. E. A. Corbin, Jr. 2,191,453; Feb. 27.
Wash-fastness of sizes with aminomethylamide derivatives, Improving the. L. H. Bock and A. L. Houk. 2,220,508; Nov. 5.
Wash pipe. L. L. Payne. 2,192,693; Mar. 5.

Washer: *See*—
Air washer.
Asparagus washer.
Back washer.
Ball washer.
Boiler washer.
Bottle washer.
Fountain washer.
Gyratory washer.
Industrial washer.
Laundry washer.
Lock washer.
Milking machine washer.
Photographic film washer.
Photographic washer.
Potato washer.
Rotary can washer.
Stress indicating washer.
Trough washer.
Vegetable washer.

Washer. H. L. Belding. 2,204,563; June 18.
Washer. H. Howie. 2,192,912; Mar. 12.
Washer. O. C. Schmidt. 2,213,453; Sept. 3.
Washer. S. Tatar. 2,221,224; Nov. 12.
Washer. H. W. Wishart. 2,198,930; Apr. 30.
Washer and drier, Combined. W. Armbruster. 2,200,870; May 14.
Washer and drier, Grain. O. P. Keys. 2,190,072; Feb. 13.
Washer and extractor mechanism, Flexible mounting cylinder. L. E. Soderquist. 2,217,351; Oct. 8.
Washer and making same, Spring. J. F. W. Kruse. 2,224,969; Dec. 17.
Washer and method of making. L. A. Young. 2,193,661; Mar. 12.
Washer and sterilizer, Bottle. L. A. Lallement. 2,189,586; Feb. 6.
Washer cylinder. N. A. Levitetz. 2,191,891; Feb. 27.
Washer for casing perforations, Rotary. B. Travis. 2,186,309; Jan. 9.
Washer sizer. F. T. Forbes. 2,198,609; Apr. 30.
Washfountain, Foot controlled. H. A. Mullett. 2,187,521; Jan. 16.
Washing and cleansing agent and making same. K. Butz 2,190,769; Feb. 20.
Washing and other machines, Automatic control of. A. P. Brockbank. 2,197,294; Apr. 16.
Washing and rinsing machine. A. Schellenberg. 2,223,858; Dec. 3.
Washing and sterilizing machine. T. T. Hampel. 2,216,388; Oct. 1.
Washing apparatus. W. Allwood. 2,208,151; July 16.
Washing apparatus. W. M. Mitchell. 2,212,908; Aug. 27.
Washing apparatus. E. S. Stoddard and P. K. Borman. 2,200,127; May 17.
Washing apparatus and method. H. Wolcott and C. J. Edmunds. 2,197,602; Apr. 16.
Washing, cleansing, wetting, and emulsifying agents, Manufacturing. M. D. Rozenbroek. 2,224,360; Dec. 10.
Washing device for photographs and the like. L. R. Davis. 2,203,382–3; June 4.
Washing machine. H. H. Ball. 2,196,804; Apr. 9.
Washing Machine. R. E. Bassett, Jr. 2,225,407; Dec. 17.
Washing machine. B. A. Benson. 2,203,664; June 11.
Washing machine. B. A. Benson. 2,224,806; Dec. 10.
Washing machine. K. Blase. 2,212,822; Aug. 27.
Washing machine. A. K. Bremer. 2,194,688; Mar. 26.
Washing machine. J. Broatch. 2,219,353; Oct. 29.
Washing machine. K. P. Caldwell. 2,219,680; Oct. 29.
Washing machine. K. Clark. 2,208,662; July 23.
Washing machine. K. Clark. 2,218,698; Oct. 22.
Washing machine. F. A. Conterman. 2,220,476; Nov. 5.
Washing machine. G. E. Davies. 2,196,695; Apr. 9.
Washing machine. W. R. Davis. 2,210,851; Aug. 6.
Washing machine. E. A. Ebert. 2,215,808; Sept. 24.
Washing machine. W. H. Fischer. 2,215,032; Sept. 17.
Washing machine. J. H. Hamilton and D. B. Nicholson. 2,202,344; May 28.
Washing machine. S. S. Holland. 2,224,348; Dec. 10.
Washing machine. O. Holm-Hansen and M. F. Dowell. 2,197,640; Apr. 16.
Washing machine. J. W. Jensen. 2,186,786; Jan. 9.
Washing machine. F. Kellermann. 2,192,315–7; Mar. 5.
Washing machine. C. E. Lang. 2,207,926; July 16.
Washing machine. B. L. Lorenzen. 2,201,685; May 21.
Washing machine. J. Oakley. 2,210,948; Aug. 13.
Washing machine. J. W. Racklyeft. 2,196,474; Apr. 9.
Washing machine. T. F. Rataiczak and G. B. Fox. 2,217,705; Oct. 15.
Washing machine. R. Rolkern. 2,193,495; Mar. 12.
Washing machine. S. Rude and P. L. Miller. 2,223,578; Dec. 3.
Washing machine. L. L. Shawber and F. Breckenridge. 2,208,397; July 16.
Washing machine. C. D. Sims. 2,226,417; Dec. 24.
Washing machine. C. K. Skinner. 2,185,821; Jan. 2.
Washing machine. C. K. Skinner. 2,192,758; Mar. 5.
Washing machine. N. H. Watts. 2,222,329; Nov. 19.
Washing machine. W. J. Witwer and A. C. Bunyan. 2,203,479; June 4.
Washing machine. L. Zimarik. 2,200,144; May 7.
Washing machine (scum overflow). L. Zimarik. 2,204,461; June 11.
Washing machine agitator drive mechanism. C. H. Logue. 2,202,499; May 28.
Washing machine and the like, Local heated. D. E. Cronkhite and C. E. Lewis. 2,215,604; Sept. 24.
Washing machine, Cabinet. J. T. Hume. Re. 21,409;
Washing machine construction. G. K. Parsons. 2,210,095; Aug. 6.
Washing machine, Domestic. J. R. Hurley. 2,202,152; May 28.
Washing machine, Domestic. G. Lidseen. 2,202,158; May 28.
Washing machine mechanism. D. Hays. 2,215,288; Sept. 17.
Washing machine rotor. J. W. Chamberlin and R. E. Bassett, Jr. 2,191,607; Feb. 27.
Washing machine stand. B. A. Benson. 2,190,623; Feb. 13.
Washing machines, Operating mechanism for. J. Mikuiasek. 2,197,559; Apr. 16.
Washstand. M. G. Conner. 2,227,388; Dec. 31.
Wastebasket. T. Hearn. 2,225,110; Dec. 17.
Waste can. C. S. Packer. 2,216,279; Oct. 1.
Waste collection apparatus. A. H. Burkholder. 2,206,834; July 2.
Waste destructor and garbage reclamation unit. H. O. Duerr and W. F. Drew. 2,212,062; Aug. 20.
Waste disposal apparatus. W. C. Groeniger. 2,220,838; Nov. 5.
Waste disposal unit. M. J. Green. 2,200,061; May 7.
Waste grab preventer. W. M. Gibbs. 2,195,814; Apr. 2.
Waste material, Treating. J. Mohr and E. Lagelbauer. 2,198,785; Apr. 30.
Waste paper stock pump. F. R. Forrest. 2,202,790; May 28.
Waste receptacle. B. Gottheim. 2,202,523; May 28.
Waste retainer. W. M. Phillips. 2,218,436; Oct. 15.
Waste solutions containing metals, Treatment of. G. B. Bachman and S. C. Pool. 2,221,018; Nov. 12.
Waste trap. R. C. K. Chadwick. 2,197,787; Apr. 23.
Wastes, Treatment of. M. D. Sanders. 2,204,703; June 18.
Watch. Jacot-Guyot. 2,218,882; Oct. 22.
Watch and watch case, Combined. H. Aaron. 2,224,421; Dec. 10.
Watch box. B. S. Katz. 2,225,998; Dec. 24.
Watchcase. E. Prestinari. 2,226,138; Dec. 24.
Watchcase. D. Megar, M. A. Popiel, and J. Schonholtz. 2,226,939; Dec. 31.
Watchcase construction. L. Hoffer. 2,205,407; June 25.
Watchcase construction. P. A. Schwankhaus. 2,221,206; Nov. 12.
Watch cleaning machine. I. Friedman. 2,212,317; Aug. 20.
Watch cleaning machine. H. F. Pabst. 2,195,123; Mar. 26.
Watch construction. H. Thiebaud. 2,194,452; Mar. 19.
Watch crown. C. B. Greenberg. 2,208,419; July 16.
Watch crystal. E. Morf. 2,222,911; Nov. 26.
Watch crystal box. T. Tobita. 2,211,869; Aug. 20.
Watch crystals, Installing unbreakable. F. E. Dutcher. 2,186,451; Jan. 9.
Watch dials with numerals in relief and having chamfered edges, Manufacturing. A. Flückiger. 2,224,043; Dec. 3.
Watch, Individual alarm. S. Axelrod. 2,223,243; Nov. 26.
Watchmaker's poising tool. W. F. Fraser. 2,185,843; Jan. 2.
Watch movement. H. Aeberhardt. 2,186,159; Jan. 9.
Watch movement. A. Bulova. 2,192,169; Mar. 5.
Watch movement. H. Theibaud. 2,189,334; Feb. 6.

Watch movement, Calendar. H. Aeberhardt. 2,209,642; July 30.
Watch protector, Waterproof and sandproof. M. Friedman. 2,227,131; Dec. 31.
Watch, Side wrist. B. S. Katz. 2,187,205; Jan. 16.
Watch, Silent alarm wrist. F. A. Raybuck. 2,192,505; Mar. 5.
Watch strap or chain attaching same, Wrist. J. Kreisler and A. Szeglin. 2,211,698; Aug. 13.
Watches, Apparatus for timing. E. Norrman and M. B. Landers. 2,188,059; Jan. 23.
Watches, Exterior operating member for watertight. E. Morf. 2,202,114; May 28.
Watches or clocks, Seconds setting mechanism for. P. R. Ayres. 2,212,535; Aug. 27.
Water and air conditioning apparatus, Combination. W. F. Austin. 2,212,222; Aug. 20.
Water and gas tight light. G. D. Watkins. 2,226,647; Dec. 31.
Water, Apparatus for treating. S. J. Sharp. 2,188,487; Jan. 30.
Water bag. F. Berger. 2,201,424; May 21.
Water bearing formations, Sealing off. F. A. Bent, A. G. Loomis, and H. C. Lawton. 2,200,710; May 14.
Water block or dam forming device. R. H. Smith. Re. 21,368; Feb. 20.
Water box. E. Kreher. 2,217,686; Oct. 15.
Water circulating system. V. R. Carlson. 2,215,390; Sept. 17.
Water clarifier for automobiles. A. G. Bush. 2,191,440; Feb. 27.
Water closet. S. Duner. 2,210,630; Aug. 6.
Water closet. J. M. Teahen. 2,190,437; Feb. 13.
Water closet construction. J. W. Szlapka. 2,192,110; Feb. 27.
Water closet seat, Sanitary. R. J. and L. Delhaye. 2,202,095; May 28.
Water closet support. M. A. Sisk. 2,208,199; July 16.
Water color box. G. E. James. 2,221,191; Nov. 12.
Water conditioner, Automatic boiler. L. O. Gunderson and O. W. Carrick. 2,207,798–800; July 16.
Water, Conditioning. W. Vaughan. 2,190,853; Feb. 20.
Water conditioning, Boiler. C. W. Rice. 2,221,815; Nov. 19.
Water conditioning equipment. C. T. McGill. 2,217,692; Oct. 15.
Water content of oil producing formations, Determination of the connate. P. H. Jones and A. L. Blount. 2,207,348; July 9.
Water control and lock for concrete mixers, Hydraulic. J. P. Faber. 2,191,072; Feb. 20.
Water control, Boiler feed. J. A. Campbell. 2,207,214; July 9.
Water cooling and carbonating device. M. N. Delen. 2,195,449; Apr. 2.
Water cooling device. J. J. Szush. 2,190,574; Feb. 13.
Water cooling system. W. R. Hildebrand. 2,207,619; July 9.
Watercraft. T. Naginskas. 2,196,706; Apr. 9.
Water culture apparatus. G. E. Barnhart. 2,198,150; Apr. 23.
Water current responsive device for ships. C. von den Steinen. 2,214,710; Sept. 10.
Water deaerator and purifier. S. B. Applebaum. 2,204,062; June 11.
Water decomposer, Electrolytic. H. Dähling. 2,204,982; June 18.
Water dispenser. V. E. Bonnefoy. 2,199,301; Apr. 30.
Water distilling apparatus. K. Cookson. 2,217,266; Oct. 8.
Water-distributing system for concrete mixers. G. Jaeger. 2,225,374; Dec. 17.
Water eliminator. H. S. Ryan and W. C. Batt. 2,204,998; June 18.
Water floating or concentrating machine. J. W. Thoreau. 2,198,296; Apr. 23.
Waterfront protection system. E. S. Carey. 2,212,200; Aug. 20.
Water gas apparatus, Carbureted. C. V. McIntire and W. Tiddy. 2,195,465; Apr. 2.
Water gas process. H. B. Pearson, Jr. 2,218,266; Oct. 15.
Water gate for pneumatic tires. H. A. Farnsworth. 2,203,564; June 4.
Water gauge, Split clamp. O. L. Mulloy and R. D. Martin. 2,191,722; Feb. 27.
Water heater. J. B. Beauvais. 2,225,606; Dec. 24.
Water heater. F. Garvin. 2,190,871; Feb. 20.
Water heater. W. F. Haddock. 2,218,422; Oct. 15.
Water heater. D. M. Hart. 2,189,490; Feb. 6.
Water heater. J. J. MacNeill. 2,190,454; Feb. 13.
Water heater. B. R. Skinner and L. Andrews. 2,187,917; Jan. 23.
Water heater. F. T. and J. Windheim. 2,189,749; Feb. 13.
Water heater, Unitary. C. E. Cobb. 2,197,298; Apr. 16.
Water heating and mixing installation. J. L. Bieler. 2,213,895; Sept. 3.
Water heating arrangement, Hot. R. A. Miller. 2,201,406; May 21.
Water heating system. R. E. Newell. 2,218,341; Oct. 15.
Water heating system for bottle washing machines. G. C. Evans. 2,186,860; Jan. 9.
Water heating unit. R. H. Allen. 2,197,603; Apr. 16.
Water hoist. J. F. Acree, E. F. Rizer, and C. M. Walker. 2,190,968; Feb. 20.
Water in swimming pools, Method and apparatus for circulating. L. J. Day. 2,218,507; Oct. 22.
Water intrusion location in oil wells. R. D. Elliott. 2,210,205; Aug. 6.
Water level indicator for electrically heated steam iron. E. J. Wiggins. 2,224,206; Dec. 10.
Water level testing means, Boiler. P. A. Jerguson. 2,205,143; June 18.
Water leveler, Automatic. J. Amon. 2,221,293; Nov. 12.
Water lift, Hydraulic. G. L. Cardinal. 2,191,424; Feb. 20.
Water locomotion and apparatus therefor. J. Whiting. 2,195,527; Apr. 2.
Water, Method of and apparatus for treating. R. Riley. 2,226,743; Dec. 31.
Water mixer, Temperature controlled. E. A. Hoopes. 2,217,017; Oct. 8.
Water motor. E. A. Burgess. 2,203,813; June 11.
Water pickup tool. F. W. Yutzler. 2,218,595; Oct. 22.
Water pollution protecting device. W. C. Groeniger. 2,195,797; Apr. 2.
Water pressure reducer. A. E. Butts. 2,194,884; Mar. 26.
Waterproof material and producing same. E. T. Wilson. 2,216,306; Oct. 1.
Waterproof sheets or boards, Making. H. L. Levin. 2,190,034; Feb. 13.
Waterproofing composition and similar emulsion. J. E. Haggenmacher. 2,206,090; July 2.
Waterproofing composition and waterproofing fabric. J. B. Cleaveland. Re. 21,311; Jan. 2.
Waterproofing compound. E. L. Baldeschwieler and P. J. Wiezevich. 2,199,193; Apr. 30.
Water pump. J. Pavlecka and D. K. Badertscher. 2,206,488; July 2.
Water pump, Electric. H. Crull. 2,226,461; Dec. 24.
Water purification. O. E. Andrus. 2,194,781; Mar. 26.
Water purification. N. D. and J. V. Bradshaw. 2,219,616; Oct. 29.
Water purification. K. Schwabe and K. Büche. 2,218,053; Oct. 15.
Water purification and waste recovery, System of. C. G. Hawley. 2,226,532; Dec. 31.
Water, Purification of potable. O. M. Urbain and W. R. Stemen. 2,210,965–6; Aug. 13.
Water, Purifying. R. E. Bassett, Jr. 2,203,040; June 4.
Water, Purifying. O. Liebknecht and H. Corte. 2,226,134; Dec. 24.
Water, Purifying. F. G. Merckel. 2,204,225; June 11.
Water purifying and degasifying apparatus. V. A. Rohlin. 2,210,151; Aug. 6.
Water purifying apparatus. A. B. Conant. 2,195,981; Apr. 2.
Water remover, Atmospheric pressure. W. W. Roy. 2,190,885; Feb. 20.
Water seepage interceptor. A. C. Zimmerman. 2,201,876; May 21.
Water separator. F. W. Yutzler. 2,212,429; Aug. 20.
Water service device. J. E. Riley. 2,186,431; Jan. 9.
Water silencer. J. B. Dahl. 2,194,163; Mar. 19.
Water shut-off method and composition for wells. V. W. David. 2,213,039; Aug. 27.
Water softener. A. Gudmundsen. 2,202,001; May 28.
Water softener, Portable. W. D. Moore. 2,192,451; Mar. 5.
Water, Softening. E. Küchler, K. Hermes, and H. J. F. von Dobeneck. 2,198,542. Apr. 23.
Water, Softening. G. W. Kühl. 2,216,844; Oct. 8.
Water softening. J. P. Lawlor. 2,223,892; Dec. 3.
Water softening apparatus. R. E. Wagner. 2,209,487; July 30.
Water softening device. A. J. Chesson. 2,195,616; Apr. 2.
Water softening device. G. Hegwein. 2,224,101; Dec. 3.
Water softening plant. M. F. Maurer. 2,207,327; July 9.
Water softening process. C. Ellis. 2,198,379; Apr. 23.
Water softening process. C. Ellis. 2,198,381; Apr. 23.
Water supply installations. E. Horn. 2,219,259; Oct. 22.
Water supply mechanism for concrete mixer drums. G. K. Viall. 2,226,104; Dec. 24.
Water supply system for concrete mixers. E. A. C. Eickstaedt. 2,222,346; Nov. 19.
Water supply systems, Prevention of reverse flow in. L. I. Northon. 2,205,305; June 18.
Water system, Automatic. F. A. Carpenter. 2,220,209; Nov. 5.
Water system for brooder houses. G. Morris and J. H. Bowers. 2,222,680; Nov. 26.
Water system, Hot wash. J. Van Vulpen and L. H. Gillick. 2,224,240; Dec. 10.
Water-tight container. C. A. McAvoy. 2,206,848; July 2.
Water to fowls and the like, Supplying drinking. S. A. Bush. 2,205,342; June 18.
Water to prevent the effects of hardness, Electrical treatment of. A. G. Freeborn. 2,207,583; July 9.
Water treating apparatus. E. P. Fager. 2,190,060; Feb. 13.
Water treating apparatus. J. R. McGill. 2,198,124; Apr. 23.
Water treating apparatus. W. H. Symons. 2,217,822; Oct. 15.

Water, Treating feed. B. C. Boeckeler. 2,222,559; Nov. 19.
Water treatment. P. G. Bird. 2,220,950; Nov. 12.
Water treatment. F. K. Lindsay and D. G. Braithwaite. 2,194,524; Mar. 26.
Water-tube boiler. W. Y. Lewis. 2,207,321; July 9.
Water tube boiler, Coal fired. H. van Tongeren. 2,225,808; Dec. 24.
Water wave clip. A. Striebel. 2,208,438; July 16.
Watering device, Automatic. F. Newman. 2,226,668; Dec. 31.
Watering device for laying cages. J. B. Olson and G. T. Markey. 2,212,549; Aug. 27.
Waters of temporary hardness, Softening. H. Burrell. 2,214,689; Sept. 10.
Watt-hour meter, Multielement. S. S. Green. 2,199,991; May 7.
Wattmeter. U. L. Smith. 2,205,228; June 18.
Wave amplification. H. S. Black. 2,223,506; Dec. 3.
Wave amplifying system. J. M. West. 2,196,844; Apr. 9.
Wave amplifying system. I. G. Wilson. 2,188,671; Jan. 30.
Wave amplifying system, Electric. E. H. Perkins. 2,210,001; Aug. 6.
Wave attenuator and directive device, Ultra short. I. Wolff. 2,206,683; July 2.
Wave device, Ultra short. E. Gossel and W. Puhlmann. 2,212,231; Aug. 20.
Wave filter. D. F. Ciccolella. 2,216,937; Oct. 8.
Wave filter. G. W. Gilman. 2,199,221; Apr. 30.
Wave filter. G. Hässler. 2,201,338; May 21.
Wave filter. W. P. Mason. 2,199,921; May 7.
Wave filter. W. P. Mason. 2,212,840; Aug. 27.
Wave filter. W. P. Mason. 2,222,417; Nov. 19.
Wave filter. H. G. Och. 2,216,541; Oct. 1.
Wave filter. R. A. Sykes. 2,198,684; Apr. 30.
Wave-forming device for buffs. L. M. Hague. 2,187,602; Jan. 16.
Wave-generating system, Periodic. M. Cawein. 2,226,706; Dec. 31.
Wave generator, Periodic. M. Cawein. 2,203,519; June 4.
Wave generator, Saw toothed. H. Pieplow. 2,195,972; Apr. 2.
Wave machine. L. J. Witte and B. H. Southland. 2,222,010; Nov. 19.
Wave modulating system and apparatus, Carrier. M. A. Lalande and R. A. Redard. 2,212,240; Aug. 20.
Wave motor. L. F. Carter. 2,187,678; Jan. 16.
Wave repeater, Periodic. D. E. Harnett. 2,212,420; Aug. 20.
Wave repeater, Periodic. H. A. Wheeler and J. C. Wilson. 2,212,173; Aug. 20.
Wave repeater, Periodic. J. C. Wilson. 2,221,666; Nov. 12.
Wave signal receiver, Remote control. L. F. Curtis and J. F. Farrington. 2,188,498; Jan. 30.
Wave-signal translating system. H. M. Lewis. 2,217,957; Oct. 15.
Wave signaling method and apparatus. R. A. Hilferty. 2,207,620; July 9.
Wave translation system. H. S. Black. 2,209,955; Aug. 6.
Wave translation system. R. C. Shaw. 2,210,503; Aug. 6.
Wave transmission, Guided. A. E. Bowen. 2,197,122; Apr. 16.
Wave transmission, Guided. A. P. King. 2,197,123; Apr. 16.
Wave transmission, Guided. S. A. Schelkunoff. 2,210,636; Aug. 6.
Wave transmission, Selective. D. K. Oram. 2,222,043; Nov. 19.
Wave transmission system. A. Alford. 2,226,688; Dec. 31.
Wave transmission system. H. Whittle. 2,191,065; Feb. 20.
Wave transmitter, Modulated carrier. N. H. Clough and E. Green. 2,209,510; July 30.
Wave transmitting system, Common. E. Schulze-Herringen. 2,197,485; Apr. 16.
Wave transmitting system, Polarized. C. H. Brown. 2,223,950; Dec. 3.
Waves in a wave guide, Propagation of. I. Wolff 2,207,845; July 16.
Waves, Transmission of guided. S. A. Schelkunoff. 2,199,083; Apr. 30.
Waving, Permanent. H. Beike. 2,193,086; Mar. 12.
Wax and producing same, Oxidized. R. C. Pollock. 2,186,909–10; Jan. 9.
Wax, Bleaching montan. M. Jahrstorfer and M. Aschenbrenner. 2,221,140; Nov. 12.
Wax carbon to paper, Applying. D. L. Boyd. 2,225,295; Dec. 17.
Wax composition. E. Lieber and L. A. Mikeska. 2,209,463; July 30.
Wax crystal modifying material, Producing a. B. Y. McCarty. 2,219,691; Oct. 29.
Wax from oils, Separating. H. V. Atwell. 2,218,511; Oct. 22.
Wax from wax-containing oils, Separating. W. W. N Meyer. 2,209,168; July 23.
Wax from wax-oil mixtures, Separating. V. N. Jenkins. 2,205,096; June 18.
Wax from waxed paper stock, Removing. O. Kress. 2,186,609; Jan. 9.
Wax, Method and apparatus for separating from oil. U. B. Bray. 2,218,514; Oct. 22.
Wax, Molding. E. M. Dons and O. G. Mauro. 2,216,188; Oct. 1.
Wax, Purifying. F. W. Padgett. 2,194,185; Mar. 19.
Waxer, Floor. R. Lachapelle. 2,211,275; Aug. 13.
Waxes for coating containers, Preparing petroleum. G. D. Beal. 2,221,341; Nov. 12.
Waxing and polishing composition. W. O. Pool and J. Harwood. 2,225,392; Dec. 17.
Waxing machine. N. Marcalus. 2,202,159; May 28.
Waybill. W. C. Biggs. 2,211,532; Aug. 13.
Way cleaner. R. A. Schafer. 2,220,806; Nov. 5.
Weapon, Machine. H. Schmeisser. 2,200,780; May 14.
Weapon, Hand. R. B. Hutchinson. 2,195,711; Apr. 2.
Wear compensating device. E. J. Story. 2,187,636; Jan. 16.
Wear compensating mechanism for brakes. A. H. S. Jenkins, W. C. J. D. Reece, and A. W. Tuck. 2,191,429; Feb. 20.
Wear measuring device. E. F. Hathaway and W. Bixby. 2,220,040; Oct. 29.
Wear resisting alloy. R. W. Schlumpf. 2,224,448; Dec. 10.
Wear-resisting body, Composite. T. G. Beament. 2,210,357; Aug. 6.
Weather adjustment for automatic pilots, Automatic. S. J. Zand. 2,208,656; July 23.
Weatherproofing articles containing calcium sulphate. H. S. Colton and M. J. Rentschler. 2,211,593; Aug. 13.
Weather strip. D. C. Bailey. 2,196,888; Apr. 9.
Weather strip. D. C. Bailey. 2,197,332; Apr. 16.
Weather strip. G. N. Brunker. 2,225,819; Dec. 24.
Weather strip. J. L. Conlon. 2,219,382; Oct. 29.
Weather strip. O. Dahl. 2,202,482; May 28.
Weather strip. H. J. Dennis. 2,209,446; July 30.
Weather strip. I. C. Elmer. 2,211,887; Aug. 20.
Weather strip. J. P. Goodfellow. 2,206,183; July 2.
Weather strip. J. P. Hasty. 2,195,368; Mar. 26.
Weather strip. W. R. Matheny. 2,215,515; Sept. 24.
Weather strip. R. L. Mounsdon. 2,187,476; Jan. 16.
Weather strip. C. L. Tomsche. 2,188,023; Jan. 23.
Weather strip and mounting therefor. N. C. Clark. 2,203,522; June 4.
Weather strip and scuff strip for automobile body doors. H. D. Geyer. 2,222,200; Nov. 19.
Weather strip device. J. C. and J. F. Rogers. 2,199,860; May 7.
Weather strip, Door. J. I. Hamm. Re. 21,337; Jan. 30.
Weather strip, Making. C. A. Tea. 2,187,505; Jan. 16.
Weather stripping and the like. A. Rydquist. 2,192,651; Mar. 5.
Weave control mechanism. H. M. Hill. 2,210,925; Aug. 13.
Weaving device. C. J. Long, E. J. Johnson, and N. Swindells. 2,199,437; May 7.
Weaving machine. W. B. Ewing. 2,223,317; Nov. 26.
Weaving machine. B. S. Owen and B. F. Meek. 2,226,012; Dec. 24.
Weaving, Method of and apparatus for hand. M. J. and N. E. Boyer. 2,186,692; Jan. 9.
Weaving, Method of and device for. M. Clark. 2,224,563; Dec. 10.
Weaving, Selvage. E. Pfarrwaller. 2,185,308; Jan. 2.
Weaving with multicylinder shed-forming machines. H. Stäubli. 2,210,468; Aug. 6.
Web alignment, Method of and apparatus for maintaining. D. C. Stockbarker. 2,203,706; June 11.
Web and its manufacture, Circular knitted. V. W. Mehnert. 2,217,915; Oct. 15.
Web, Color-printing. G. H. Tillett. 2,210,474; Aug. 6.
Web, Controlling flowing. R. M. Johnstone. 2,196,633; Apr. 9.
Web, Creped and corrugated. W. W. Rowe and W. A. Morris. 2,224,713; Dec. 10.
Web cutting mechanism. W. P. Shomaker. 2,186,884; Jan. 9.
Web drying apparatus. P. Erby. 2,225,166; Dec. 17.
Web-feeding and end-gumming machine. R. F. Ohntrup. 2,199,753; May 7.
Web feeding device. B. F. Akin. 2,216,334; Oct. 1.
Web feeding mechanism. S. C. Freeman. 2,217,897; Oct. 15.
Web feeding mechanism for packaging machines. R. N. Doble. 2,223,445; Dec. 3.
Web guide switch. W. C. Nash. 2,185,773; Jan. 2.
Web handling apparatus. A. O. Hurxthal. 2,196,921; Apr. 9.
Web handling apparatus. A. Potdevin and R. L. Richmond. 2,203,181; June 4.
Web material to cigarette tipping apparatus and other machines, Feeding of. G. Dearsley. 2,189,059; Feb. 6.
Web or film driving mechanism. L. Dewan. 2,204,887; June 18.
Web perfecting rotary press. H. M. Barber. 2,202,134; May 28.
Web printing press, Rotary. H. M. Barber. 2,199,812; May 7.
Web replenishing means. W. C. Scott. 2,205,867; June 25.
Web replenishing mechanism and control system. W. C. Scott. 2,196,612; Apr. 9.
Web roll stand. H. A. W. Wood. 2,195,141; Mar. 26.
Web rolls in a printing machine, Method and means for renewing. S. C. Freeman. 2,214,719; Sept. 10.

Web severing mechanism. A. Bell. 2,191,512; Feb. 27.
Web splicing device. H. A. W. Wood. 2,200,905; May 14.
Web splicing device. H. A. W. Wood. 2,203,607; June 4.
Web splicing device. H. A. W. Wood. 2,216,286; Oct. 1.
Web splicing device for newspaper presses. E. P. Doyle and L. F. Long. 2,190,058; Feb. 13.
Web supply mechanism. O. Schwarz. 2,205,498; June 25.
Web temperatures in printing, Controlling. A. E. Gessler. 2,204,802; June 18.
Web tension control. C. R. Kaddeland. 2,222,462; Nov. 19.
Web tensioning mechanism. A. J. Horton. 2,190,379; Feb. 13.
Web treating apparatus. H. W. Bruker. 2,192,432; Mar. 5.
Web-turner bar for printing machines and for like purposes. E. R. Sutcliffe. 2,195,319; Mar. 26.
Webs, Formation of corrugated. H. Atwater. 2,193,052; Mar. 12.
Webs from printed rolls, Feeding. A. J. Horton. 2,212,812; Aug. 27.
Webs, Method and apparatus for drying coated and decorated. A. E. Gessler. 2,204,801; June 18.
Webs, Method and apparatus for manufacturing granular coated. R. L. Melton, R. C. Benner, and H. P. Kirchner. 2,201,194; May 21.
Webs, Method and apparatus for manufacturing granular coated. R. L. Melton, R. C. Benner, and H. P. Kirchner. 2,225,877; Dec. 24.
Webs, Process and apparatus for drying. E. E. Berry. 2,209,761; July 30.
Wedge adjusting mechanism for locomotive drive boxes. J. H. Jones. 2,212,778; Aug. 27.
Wedge, Automobile wheel. A. S. Noonan. 2,189,323; Feb. 6.
Wedge for securing hammer heads or the like to their shafts. J. Huber. 2,201,681; May 21.
Wedge lock, Tapered serrated. O. Severson. 2,216,788; Oct. 8.
Wedge, Roll cap. W. J. Simonds. 2,192,416; Mar. 5.
Wedge valve, Stem jammed. J. E. Hall. 2,196,794; Apr. 9.
Wedge, Window. H. O. Carroll. 2,200,539; May 14.
Weed burner. G. H Roche. 2,190,175; Feb. 13.
Weed cutter. J. K. Nagamatsu. 2,214,063; Sept. 10.
Weed destroyer. O. Holmes. 2,209,731; July 30.
Weed destroying preparation. W. I. Tanner and C. A. Parish. 2,206,470; July 2.
Weed extractor. E. W. Johnson. 2,194,597; Mar. 26.
Weed killing composition. A. W. Ralston and R. J. Vander Wal. 2,209,905; July 30.
Weed puller. C. W. Hecox. 2,185,552; Jan. 2.
Weed puller. N. Tullio. 2,194,336; Mar. 19.
Weed removing attachment for lawn mowers. R. C. Frush. 2,193,276; Mar. 12.
Weed root puller. B. S. Gillmor. 2,217,109; Oct. 8.
Weeder. E. Coburn. 2,208,894; July 23.
Weeding apparatus. G. P. Sanger. 2,223,641; Dec. 3.
Weft detecting mechanism for looms. W. H. Bahan. 2,226,280; Dec. 24.
Weft detector for looms, Electric. C. E. Brown. 2,226,218; Dec. 24.
Weft inserting device for weaving looms having a continuous weft supply. R. Dewas. 2,187,344; Jan. 16.
Weft straightener. T. M. Berry. 2,209,220; July 23.
Weft straightening apparatus. T. M. Berry. 2,196,893; Apr. 9.
Weft tension and loom stopping device. W. T. Sullivan. 2,202,323; May 28.
Weighing and charging apparatus. E. W. Schellentrager. 2,213,639; Sept. 3.
Weighing and dispensing device, Coin-operated. K. B. Nelson. 2,198,012; Apr. 23.
Weighing and recording mechanism. E. J. Von Pein. 2,217,208; Oct. 8.
Weighing and sack filling machine. O. Böttger and J. Hillmann. 2,193,709; Mar. 12.
Weighing apparatus. O. H. Basquin. 2,207,996; July 16.
Weighing apparatus. O. H. Basquin and O. P. Haegele. 2,188,261; Jan. 23.
Weighing apparatus. J. H. de Iongh. 2,222,140; Nov. 19.
Weighing apparatus. J. H. Edwards. 2,195,451; Apr. 2.
Weighing apparatus. E. Godat. 2,191,711; Feb. 27.
Weighing apparatus. E. Holm. 2,191,529; Feb. 27.
Weighing apparatus, Automatic. V. D. Popov. 2,198,788; Apr. 30.
Weighing apparatus, Metallurgic. A. A. Frey and E. J. Parsons. 2,213,982; Sept. 10.
Weighing conveyer, Automatic. M. Evoy. 2,221,396; Nov. 12.
Weighing device. M. A. Weckerly. 2,208,284; July 16.
Weighing device, Automatic. J. W. Harriman. 2,200,602; May 14.
Weighing device of the balance type. J. H. Hotson. 2,204,595; June 18.
Weighing instrument, Recording. A. Karlsson-Ygger. 2,189,802; Feb. 13.
Weighing machine. H. J. H. Ruge. 2,216,421; Oct. 1.
Weighing machine and amusement device. W. P. Dillon, Jr., and F. V. Allen. 2,222,364; Nov. 19.
Weighing machine, Automatic. S. R. Howard. 2,207,885; July 16.
Weighing mechanism. G. F. W. Powell. 2,220,544; Nov. 5.
Weighing scale. L. S. Williams. 2,217,244; Oct. 8.
Weighing system. E. W. Bleam. 2,226,236; Dec. 24.
Weight and balance adjustments, Removable, M. Beasley. 2,215,899; Sept. 24.
Weight and swivel device, Combined. E. T. Hawley. 2,214,961; Sept. 17.
Weight balancing mechanism. I. C. Sarber. 2,205,671; June 25.
Weight for automobile wheels, Balancing. I. A. Weaver. 2,218,410; Oct. 15.
Weight indicator and register for hoists. J. T. Bolen. 2,200,572; May 14.
Weight recorder. H. A. Raphael. 2,189,552; Feb. 6.
Weight relieving device. J. L. Barr. 2,199,870; May 7.
Weight testing machine. F. P. Mansbendel. 2,197,381; Apr. 16.
Weight, Wheel balance. E. W. Turner. 2,202,129; May 28.
Weight, wheel balancing. J. Von Brethorst. 2,195,473; Apr. 2.
Weight, Wheel balancing. W. F. Wright. 2,197,422; Apr. 16.
Weir ring and downcomer assembly for distilling columns. T. O. Wentworth. 2,201,949; May 21.
Weld line during thermoplastic molding, Eliminating the. D. M. Anderson. 2,191,703; Feb. 27.
Weld rod. J. Hinnüber. 2,204,412; June 11.
Weld rod coating. E. C. Chapman. 2,220,954; Nov. 12.
Welded construction. B. Strauss. 2,200,229; May 7.
Welder. E. A. Hobart. 2,197,888; Apr. 23.
Welder. W. H. Martin. 2,193,977; Mar. 19.
Welder for lining closed vessels, Spot. W. A. Howard and T. C. Smith. 2,198,534; Apr. 23.
Welder, Gang spot. E. G. Biederman. 2,194,687; Mar. 26.
Welder, Projection. E. G. Biederman. 2,210,056; Aug. 6.
Welder, Resistance. D. M. Duinker and R. Oostra. 2,224,864; Dec. 17.
Welder, Stud. E. F. Nelson. 2,191,494; Feb. 27.
Welder, Traveling. A. Waeschle and R. E. Allan. 2,197,957; Apr. 23.
Welding. J. L. Anderson. 2,209,372; July 30.
Welding. J. L. Anderson. 2,218,570; Oct. 22.
Welding. E. Baer. 2,190,621; Feb. 13.
Welding. M. A. Blu. 2,194,272; Mar. 19.
Welding alloy. A. R. Lytle. 2,186,116; Jan. 9.
Welding and regalvanizing process. L. A. Dunkelberger and C. Bowsher. 2,224,953; Dec. 17.
Welding apparatus. J. L. Anderson. 2,197,963; Apr. 23.
Welding apparatus. W. Borstel. 2,217,468; Oct. 8.
Welding apparatus. J. V. Caputo. 2,205,681; June 25.
Welding apparatus. J. V. Caputo. 2,206,497; July 2.
Welding apparatus. M. L. Eckman. 2,196,523; Apr. 9.
Welding apparatus. A. M. Fleming and A. B. Canales. 2,215,693; Sept. 24.
Welding apparatus. K. L. Hansen and A. V. Huennekens. 2,195,962; Apr. 2.
Welding apparatus. R. K. Hopkins. 2,191,476; Feb. 27.
Welding apparatus. S. M. Humphrey. 2,224,821; Dec. 10.
Welding apparatus. J. E. McIntosh and H. Uren. 2,206,549; July 2.
Welding apparatus. G. E. Mirfield. 2,206,747; July 2.
Welding apparatus. K. W. Schreeck. 2,209,893; July 30.
Welding apparatus. R. N. Stoddard and E. H. Vedder. Re. 21,369; Feb. 20.
Welding apparatus. G. Stolberg. 2,186,218; Jan. 9.
Welding apparatus, Arc. J. E. Fay. 2,190,150; Feb. 13.
Welding apparatus, Electric. F. Hentzen. 2,222,906; Nov. 26.
Welding apparatus, Electric. M. M. Lewbers. 2,189,399; Feb. 6.
Welding apparatus, Electric. F. H. Rehse. 2,193,490; Mar. 12.
Welding apparatus, Fluid-pressure actuated. H. E. Kennedy. 2,190,927; Feb. 20.
Welding, Apparatus for use in. W. A. Black and F. M. Darner. 2,189,339; Feb. 6.
Welding apparatus (hinged). C. W. Hines. 2,216,739; Oct. 8.
Welding, Automatic electric. L. T. Jones. 2,223,177; Nov. 26.
Welding composition. H. S. Blumberg. 2,191,473; Feb. 27.
Welding control, Resistance line. E. Rietsch. 2,209,932; July 30.
Welding controller. C. Stansbury. 2,227,285; Dec. 31.
Welding conveyer. J. R. Lex and R. R. Heupel. 2,227,145; Dec. 31.
Welding device. M. L. Eckman. 2,189,784; Feb. 13.
Welding device. M. L. Eckman. 2,212,154; Aug. 20.
Welding device, Retarded. C. Pfanstiehl. 2,226,322; Dec. 24.
Welding, Electric. W. B. Miller. 2,194,712; Mar. 26.
Welding, Electric. J. F. Windsor and C. Mark, Jr. 2,188,326; Jan. 30.
Welding, Electric resistance. G. Hagedorn. 2,217,546; Oct. 8.
Welding frame. H. A. Jones. 2,186,641; Jan. 9.
Welding machine. E. J. von Henke. 2,185,716; Jan. 2.

Welding machine, Electric flash. S. H. Gordon and W. F. Young. 2,187,452; Jan. 16.
Welding machine, Resistance. W. Jähde and O. Plass. 2,214,856; Sept. 17.
Welding machine, Resistance line. R. A. Gilbert. 2,200,112; May 7.
Welding manipulator. J. P. Faber. 2,224,958; Dec. 17.
Welding method. R. K. Hopkins. 2,191,471; Feb. 27.
Welding method and apparatus. A. M. Brown. 2,214,899; Sept. 17.
Welding method and apparatus. P. J. Lathrop. 2,213,317; Sept. 3.
Welding, Method and apparatus for use in. G. W. Sower. 2,189,331; Feb. 6.
Welding, Method of. C. G. Jones. 2,222,977; Nov. 26.
Welding process. W. H. Broadfield. 2,196,191; Apr. 9.
Welding process. E. F. Smith. 2,189,595; Feb. 6.
Welding process, Electric. P. M. Hall. 2,218,197; Oct. 15.
Welding, Resistance line. R. T. Gillette. 2,205,251; June 18.
Welding rod. W. A. Wissler. 2,219,462; Oct. 29.
Welding rod reel. A. W. Baird and F. G. Outcalt. 2,188,070; Jan. 23.
Welding, Straight line. C. Pfanstiehl. 2,205,931; June 25.
Welding system. J. W. Dawson. 2,221,576; Nov. 12.
Welding system. C. J. Holslag. 2,211,424; Aug. 13.
Welding system. G. E. King. 2,189,606; Feb. 6.
Welding system, Electric spot. H. R. Canfield. 2,220,394; Nov. 5.
Welding transformer. E. and J. E. Becker. 2,223,054; Nov. 26.
Welding with tube control, Direct current. W. E. Berkey and J. W. McNall. 2,221,569; Nov. 12.
Well agitator. J. H. Notley. 2,221,057; Nov. 12.
Well and the like sinking apparatus. G. J. Solomon. 2,223,645; Dec. 3.
Well apparatus, Deep. O. T. Broyles. 2,189,937; Feb. 13.
Well assembly, Thermocouple. M. Mason. 2,202,533; May 28.
Well bore treatment. D. C. Matthews. 2,186,875; Jan. 9.
Well bridging, cementing, whipstock, and milling apparatus. M. W. Carroll. Re. 21,668; Dec. 24.
Well cap. A. J. Strehs. 2,220,431; Nov. 5.
Well casing and the like, Perforating. F. E. O'Neill. 2,203,796; June 11.
Well casing perforation cleaner. B. W. McCune. 2,212,784; Aug. 27.
Well casings, Method and apparatus for perforating. R. M. Ridley. 2,212,044; Aug. 20.
Well casings, Perforating. J. W. MacClatchie. 2,210,983–4; Aug. 13.
Well cementing apparatus. R. C. Baker. 2,187,480; Jan. 16.
Well cementing apparatus. R. C. Baker. 2,187,483; Jan. 16.
Well cementing apparatus. L. L. Brown. 2,191,750; Feb. 27.
Well cementing apparatus. C. E. Burt. 2,196,656–7; Apr. 9.
Well cementing apparatus. C. W. Thornhill. 2,212,087; Aug. 20.
Well cementing device. C. E. Burt. 2,204,658; June 18.
Well cementing device. A. L. Straub. 2,202,173; May 28.
Well cementing mechanism. C. E. Burt. 2,189,702; Feb. 6.
Well cementing method and apparatus. D. Scaramucci. 2,217,708; Oct. 15.
Well cleaner. J. E. Hall. 2,220,237; Nov. 5.
Well cleaner. C. K. Holt. 2,196,439; Apr. 9.
Well cleaner. M. Miller and L. N. Davis. 2,216,674; Oct. 1.
Well cleaning tool. J. J. Santiago. 2,214,350; Sept. 10.
Well construction. C. C. Christian. 2,210,885; Aug. 13.
Well control equipment. C. A. Combs. 2,206,835; July 2.
Well cores, Taking. C. M. O'Leary. 2,210,464; Aug. 6.
Well device. R. R. MacGregor. 2,215,514; Sept. 24.
Well device. H. C. Otis. 2,196,535; Apr. 9.
Well device. S. P. Tschappat. 2,220,359; Nov. 5.
Well device and operating means therefor. L. C. Miller. 2,209,627; July 30.
Well disk structure. G. A. Lyon. 2,190,669; Feb. 20.
Well drill, Rotary. L. L. Thompson. 2,208,530; July 16.
Well drilling apparatus. G. Heinish. 2,227,409; Dec. 31.
Well drilling apparatus. W. Sheldon. 2,226,947; Dec. 31.
Well drilling apparatus, Deep. W. P. Rogers. 2,185,316; Jan. 2.
Well-drilling apparatus, Rotary. S. W. Marshall, Jr. 2,215,047; Sept. 17.
Well drilling fluid. C. D. Barnes. 2,209,591; July 30.
Well driving and boring tool, Combination. J. Mooney. 2,214,970; Sept. 17.
Well equipment. S. V. Dillon. 2,207,001; July 9.
Well flow controlling. S. F. Cunningham. 2,197,685; Apr. 16.
Well flow controlling device. L. F. Rollins. 2,185,522; Jan. 2.
Well flowing apparatus and method. R. R. Kyner. 2,208,036; July 16.
Well flowing device. W. C. Nalley, Jr. 2,192,236; Mar. 5.
Well fluid, Means and method of sampling. K. H. Miner. 2,187,047; Jan. 16.
Well for production, Preparing an oil. M. O. Johnston. 2,190,989; Feb. 20.
Wellhead. A. J. and K. T. Penick. Re. 21,627; Nov. 19.
Wellhead. A. J. and K. T. Penick. 2,213,503; Sept 3.
Well heater. W. K. Thomas. 2,202,034; May 28.
Well hook-off device, Pumping. J. P. Neel. 2,207,937; July 16.
Well, Liquid cement. T. N. Hutchison. 2,203,571; June 4.
Well logging by measurements of radio activity. S. A. Scherbatskoy. 2,219,273; Oct. 22.
Well, Method and apparatus for completing a. J. H. Howard. 2,211,206; Aug. 13.
Well, Method of treating a. W. M. Stratford. 2,193,775; Mar. 12.
Well packer. M. O. Johnston. 2,222,846; Nov. 26.
Well packer mechanism. R. C. Baker, C. E. Burt, and T. M. Ragan. 2,225,143; Dec. 17.
Well packing device. R. C. Baker. 2,222,014; Nov. 19.
Well packing device. E. J. Roe. 2,212,619; Aug. 27.
Well perforator. W. Bendeler and C. Howard. 2,223,439; Dec. 3.
Well pipe joint. O. Hammer. 2,196,966; Apr. 9.
Well pipe plug. G. S. Knox. 2,205,748; June 25.
Well pipe plug. G. S. Knox. 2,217,986; Oct. 15.
Well plug, Bottom hole. E. J. Ashbrook. 2,207,448; July 9.
Well production apparatus. C. E. Burt and E. Graham, Jr. 2,189,703; Feb. 6.
Well pump. J. E. Hall. 2,191,380; Feb. 20.
Well pump. E. C. Overall. 2,214,343; Sept. 10.
Well pump jack. J. M. Nesbitt and J. O. Andree. 2,213,323; Sept. 3.
Well pumping device. R. A. Wilson and R. A. Smith. 2,200,943; May 14.
Well pumping device, Deep. C. J. Coberly. 2,194,740; Mar. 26.
Well pumping equipment, Reducing stresses in oil. W. Crites. 2,204,725; June 18.
Well pumping mechanism. E. W. Patterson. 2,185,680; Jan. 2.
Well reamer. A. C. Catland. 2,199,693; May 7.
Well reamer. A. E. Krick and W. C. Starkey. 2,217,592; Oct. 8.
Well spudding apparatus. H. W. Cardwell. 2,188,455; Jan. 30.
Well survey instrument case. R. E. Hendrickson. 2,187,028; Jan. 16.
Well survey method and apparatus. S. A. Scherbatskoy. 2,219,274; Oct. 22.
Well tester. G. A. Humason and W. J. Clay. 2,222,829; Nov. 26.
Well testing tool. A. Boynton. 2,217,043; Oct. 8.
Well, Treating a. A. D. Garrison and C. F. Teichmann. 2,218,025; Oct. 15.
Well washing device. P. W. Appleby. 2,212,491; Aug. 27.
Wells, Acidizing. J. T. Simmons. 2,186,349; Jan. 9.
Wells and apparatus therefor, Surveying. W. J. Opocensky. 2,195,224; Mar. 26.
Wells, Cementing. G. E. Cannon. 2,206,389; July 2.
Wells, Cementing. O. Hammer. 2,207,345; July 9.
Wells, Cementing. O. N. Maness. 2,219,325; Oct. 29.
Wells, Cementing practice for earth. F. L. Dieterich. 2,193,807–8; Mar. 19.
Wells, Completing. W. W. Robinson, Jr. 2,198,563; Apr. 23.
Wells, Conditioning. H. C. White. 2,207,184; July 9.
Wells, Developing. G. A. Zeidler, Jr. 2,188,936; Feb. 6.
Wells, Device for use in. E. B. Hall and A. L. Armentrout. 2,203,595; June 4.
Wells, Electrical logging of. P. F. Hawley. 2,206,890; July 9.
Wells, Flowing. F. A. Thaheld. 2,188,668; Jan. 30.
Wells for cementing, Preparing. J. H. Shepler. 2,206,677; July 2.
Wells, Graveling. L. A. Layne. 2,216,037; Sept. 24.
Wells, Increasing flow of deep. L. M. Henderson, G. W. Ayers, Jr., W. A. Raine, and W. B. Ross. 2,225,695; Dec. 24.
Wells, Increasing the productivity of. M. De Groote. 2,204,580; June 18.
Wells, Logging. J. T. Hayward. 2,214,674; Sept. 10.
Wells, Means for flowing. S. A. Guiberson, III. 2,188,656; Jan. 30.
Wells, Means for flowing. J. D. Nixon. 2,204,817; June 18.
Wells, Measuring location of obstruction in deep. C. P. Walker. 2,209,944; July 30.
Wells, Method and apparatus for flowing. E. L. Wheless. 2,193,309; Mar. 12.
Wells, Method and apparatus for gravel-packing. J. E. Eckel and C. E. Reistle, Jr. 2,224,538; Dec. 10.
Wells, Method and apparatus for graveling. E. L. Davis, H. S. Cole, Jr., E. Larson, and N. C. Wells. 2,198,573; Apr. 23.
Wells, Method and apparatus for logging. P. F. Hawley. 2,206,893; July 9.

Wells, Method and apparatus for logging. E. Lipson. 2,222,149; Nov. 19.
Wells, Method and apparatus for operating. R. I. Brown. 2,215,913; Sept. 24.
Wells, Method and apparatus useful in drilling and producing. A. English. 2,214,226; Sept. 10.
Wells, Method of and apparatus for flowing. W. E. Niles. 2,186,035; Jan. 9.
Wells, Method of and apparatus for graveling. L. A. Layne. 2,213,962; Sept. 10.
Wells, Operating oil. W. E. Schoeneck. 2,194,616; Mar. 26.
Wells, Testing. A. C. Fritsche. 2,216,268; Oct. 1.
Wells through heaving or sloughing formations, Drilling. C. P. Bowie and R. V. Higgins. 2,193,219; Mar. 12.
Wells, Treating. L. A. Layne. 2,205,421; June 25.
Wells, Treating. P. J. Lehnhard, Jr. 2,221,261; Nov. 12.
Wells, Treating. M. B. Pitzer. Re. 21,356; Feb. 13.
Wells, Treating oil. K. Austerman. 2,218,306; Oct. 15.
Wells, Treating oil. D. A. Limerick and H. C. Lawton. 2,204,224; June 11.
Wells, Treating oil. D. A. Limerick and H. C. Lawton. 2,221,353; Nov. 12.
Wells, Treating oil and gas. H. T. Byck, J. W. Freeland, and H. C. Lawton. 2,211,688; Aug. 13.
Wells, Treating oil and gas. H. C. Lawton and A. G. Loomis. 2,204,223; June 11.
Wells, Treatment of. W. A. Fry. 2,217,676; Oct. 15.
Wells, Treatment of. S. P. Hart. 2,198,435; Apr. 23.
Wells, Treatment of. D. G. Hefley and J. B. Stone. 2,207,733; July 16.
Wells, Treatment of. C. Irons. 2,189,798–9; Feb. 13.
Wells, Treatment of. C. R. Irons. 2,211,696; Aug. 13.
Wells, Treatment of. C. R. Irons. 2,219,319; Oct. 29.
Wells, Treatment of. C. Irons and L. C. Chamberlain. 2,189,800; Feb. 13.
Wells, Treatment of. J. Sutherlin and F. I. McConnell. 2,215,487; Sept. 24.
Wells, Treatment of. R. L. White and O. W. Lyons. 2,223,397; Dec. 3.
Wells, Treatment of oil. A. D. Garrison. 2,223,933, Dec. 3.
Wells, Treatment of oil. S. P. Hart. 2,224,120; Dec. 3.
Wells, Treatment of oil. H. H. Holmes. 2,224,297; Dec. 10.
Wells under pressure, Equipping. C. C. Brown. 2,211,845; Aug. 20.
Welt. L. F. Plummer. 2,207,068; July 9.
Welt. W. C. Vizard. 2,201,382; May 21.
Welt. W. C. Vizard. 2,216,506; Oct. 1.
Welt and filler strip, Finishing. G. G. Barr. 2,226,354; Dec. 24.
Welt butting machine. E. A. Holmgren. 2,206,897; July 9.
Welt cementing machine. A. Eppler, Jr. 2,204,670; June 18.
Welt cementing machine, Split. W. L. MacKenzie. 2,216,122; Oct. 1.
Welt press. O. Jacobus. 2,226,344; Dec. 24.
Welt pressure for sole attaching machines. E. J. Ray. 2,211,836; Aug. 20.
Welting. W. C. Vizard. 2,219,947; Oct. 29.
Wet treatment of webs of textile material, Method and apparatus for the continuous. W. Dursteler. 2,203,678; June 11.
Wetting agent and detergent aid. L. A. Mikeska. 2,219,050; Oct. 22.
Wetting agent and producing the same. J. N. Borglin. 2,202,686; May 28.
Wetting agent, detergent, and emulsifier. P. J. Gaylor. 2,214,051; Sept. 10.
Wetting agent for alkaline mercerizing solutions. H. Lier. 2,196,562; Apr. 9.
Wetting agent for alkaline mercerizing solutions. F. Münz. 2,188,287; Jan. 23.
Wetting, cleaning, and emulsifying agent. R. W. Mitchell. 2,199,806; May 7.
Wetting composition. M. A. Eitelman and L. H. Flett. 2,221,933; Nov. 19.
Wetting, washing, dispersing, and penetrating agents and producing same. E. A. Mauersberger. 2,195,418; Apr. 2.
Whale meat, Process and apparatus for comminuting and washing. P. L. Fauth. 2,199,088; Apr. 30.
Wharf. N. F. Helmers. 2,200,550; May 14.
Wharf for coke oven batteries, Inclined. K. Mack. 2,204,022; June 11.
Wheat crisp. K. F. Schreier. 2,206,619; July 2.
Wheat germ preparation. S. Musher. 2,198,218; Apr. 23.
Wheat, Milling. S. W. Keys. 2,221,802; Nov. 19.
Wheat products, Coloring. A. W. Allred. 2,215,168; Sept. 17.

Wheel: *See*—
- Abrading wheel.
- Abrasive-throwing wheel.
- Abrasive wheel.
- Air treating wheel.
- Automobile spring wheel.
- Automobile wheel.
- Buffing or polishing wheel.
- Buffing wheel.
- Car wheel.
- Cushioned wheel.
- Demountable wheel.
- Dual wheel.
- Elastic fluid turbine bucket wheel.
- Emergency wheel.
- Expansion tire wheel.
- Fan wheel.
- Fifth wheel.
- Floating wheel
- Fullering wheel.
- Game wheel.
- Gear wheel.
- Grinding wheel.
- Industrial diamond wheel.
- Locomotive driving wheel.
- Mine car wheel.
- Polishing wheel.
- Resilient wheel.
- Rotary toe wheel.
- Safety steering wheel.
- Sanding or polishing wheel.
- Segmental pulp wheel.
- Sprocket wheel.
- Steering wheel.
- Traction wheel.
- Tractor wheel.
- Trolley wheel.
- Vehicle wheel.
- Visibility control wheel.

Wheel. C. S. Ash. 2,196,718; Apr. 9.
Wheel. W. O. Bechman and R. A. Holmberg. 2,200,766; May 14.
Wheel. P. M. Bourdon. 2,214,319; Sept. 10.
Wheel. F. W. Burger. 2,193,960; Mar. 19.
Wheel. F. W. Burger. 2,197,608; Apr. 16.
Wheel. E. F. B. De Manghi. 2,212,592; Aug. 27.
Wheel. C. W. Gannett. 2,187,777; Jan. 23.
Wheel. W. F. Heesch. 2,213,702; Sept. 3.
Wheel. H. M. Knoth. 2,217,867; Oct. 15.
Wheel. H. D. MacDonald. 2,209,030; July 23.
Wheel. H. D. MacDonald. 2,211,902; Aug. 20.
Wheel. N. N. Okun. 2,221,553; Nov. 12.
Wheel accessories, Mounting ornamental. G. A. Lyon. 2,214,745; Sept. 17.
Wheel and making it. R. R. Roemer. 2,220,284; Nov. 5.
Wheel and ornamental accessory therefor. G. A. Lyon. 2,214,746; Sept. 17.
Wheel and spoke structure. J. M. Little. 2,217,873; Oct. 15.
Wheel and tire carrier. J. D. Langdon. 2,210,085; Aug. 6.
Wheel and tire replacing tool. E. L. Noble and O. E. Merrick. 2,212,716; Aug. 27.
Wheel assembly, Dual. A. C. Fuhrman. 2,214,457; Sept. 10.
Wheel assembly, Dual. J. F. Higbee. 2,195,487; Apr. 2.
Wheel assembly, Steering-drive. H. W. Alden. 2,189,695; Feb. 6.
Wheel assembly, Tail. J. A. Roché. 2,213,967; Sept. 10.
Wheel balance weight. E. W. Turner. 2,221,747; Nov. 19.
Wheel balancer. H. C. Schildmeier. 2,196,031; Apr. 2.
Wheel balancing apparatus. P. F. Hatch. 2,194,936; Mar. 26.
Wheel balancing device, Dynamic. H. G. Holmes. 2,211,779; Aug. 20.
Wheel-balancing machine. A. L. Bell. 2,214,758; Sept. 17.
Wheel balancing unit. P. F. Hatch. 2,197,364; Apr. 16.
Wheel band. G. Ulrich. 2,193,149; Mar. 12.
Wheel brake, Hydraulic vehicle. J. F. Brady. 2,197,292; Apr. 16.
Wheel brake, Self-adjusting. E. Schlueter. 2,224,197; Dec. 10.
Wheel chair, Motor driven. H. P. Smith. 2,224,411; Dec. 10.
Wheel construction. W. S. Brink. 2,213,063; Aug. 27.
Wheel construction. G. H. Hunt. 2,196,990; Apr. 16.
Wheel construction. G. A. Lyon. 2,198,057; Apr. 23.
Wheel construction, Band. J. B. Picard. 2,187,693; Jan. 16.
Wheel construction, Rail. C. Gordon, 2,222,337; Nov. 19.
Wheel construction, Tandem. C. A. Wicker. 2,208,484; July 16.
Wheel control, Casting. K. A. Lindner. 2,203,831; June 11.
Wheel cover. G. A. Lyon. 2,193,104; Mar. 12.
Wheel cover. G. A. Lyon. 2,199,890; May 7.
Wheel cover. G. A. Lyon. 2,214,747; Sept. 17.
Wheel cover disk. G. A. Lyon. 2,188,911; Feb. 6.
Wheel disk. G. A. Lyon. 2,212,038; Aug. 20.
Wheel disk and wheel assembly. G. A. Lyon. 2,199,888; May 7.
Wheel disk construction, Ornamental. G. A. Lyon. 2,212,039; Aug. 20.
Wheel disk structure, Ornamental. G. A. Lyon. 2,198,056; Apr. 23.
Wheel disk structure, Ornamental. G. A. Lyon. 2,212,037; Aug. 20.
Wheel dresser, Grinding. F. Greiner, C. L. Ott, and R. E. Price. 2,192,308; Mar. 5.
Wheel for charging machine carriages or the like, Balancing. G. W. Yanney. 2,215,896; Sept. 24.
Wheel hub construction. M. H. Frisbie. 2,189,464; Feb. 6.
Wheel inspecting device. A. J. Mathieu. 2.213,605; Sept. 3.
Wheel machining apparatus. F. L. Hall. 2,213,002; Aug. 27.
Wheel making machine. J. I. Cain. 2,208,959; July 23.
Wheel making machine. W. H. Hoffmann. 2,208,979; July 23.
Wheel making machine. A. D. Matheson. 2,208,996; July 23.
Wheel making machine. J. H. Ploehn. 2,209,002; July 23.
Wheel manipulating tool. F. C. Smischny. 2,195,635; Apr. 2.
Wheel measuring device. G. M. Graham and A. E. Price. 2,197,468; Apr. 16.
Wheel mounting. W. J. Coultas and E. T. Johnson. 2,197,265; Apr. 16.

Wheel mounting. C. L. Eksergian. 2,195,590; Apr. 2.
Wheel mounting. C. L. Eksergian. 2,217,646; Oct. 8.
Wheel mounting. J. J. Gaquinto. 2,227,340; Dec. 31.
Wheel mounting device. J. T. Menken and F. B. Herbert. 2,191,081; Feb. 20.
Wheel mounting, Dual. C. L. Eksergian. 2,195,589; Apr. 2.
Wheel mounting for aircraft. E. R. Warner. 2,192,282; Mar. 5.
Wheel mounting for aircraft, Landing. J. F. Wallace. 2,192,281; Mar. 5.
Wheel mounting for vehicles, Shock reducing and cushioning. G. L. Larison. Re. 21,483; June 18.
Wheel puller. E. E. Condon. 2,188,074; Jan. 23.
Wheel removing and replacing apparatus. J. E. Bailey. 2,208,491; July 16.
Wheel rim, Traction C. H. Smallwood and W. A. Reich. 2,190,370; Feb. 13.
Wheel slip control means. C. C. Farmer. 2,198,029; Apr. 23.
Wheel steering, Independent. J. Haltenberger. Re. 21,348; Feb. 13.
Wheel structure. G. A. Lyon. 2,220,340; Nov. 5.
Wheel structure. H. D. MacDonald. 2,194,206; Mar. 19.
Wheel structure. S. M. Nampa. 2,203,965; June 11.
Wheel structure. W. C. Short, R. G. Howie, and M. C. Wiley. 2,186,996; Jan. 16.
Wheel structure. R. D. Yankee. 2,219,156; Oct. 22.
Wheel structure and assembly. G. A. Lyon. 2,200,205; May 7.
Wheel structure, Balance. F. C. Gromann. 2,194,896; Mar. 26.
Wheel structure, Dual. R. A. Wyatt. 2,190,583; Feb. 13.
Wheel suspension. P. K. Beemer. 225,966; Dec. 24.
Wheel suspension. C. C. Jackson. 2,215,703; Sept. 24.
Wheel suspension. J. W. Leighton. 2,207,465; July 9.
Wheel suspension. F. E. Maier. 2,220,254; Nov. 5.
Wheel suspension. G. H. Parker. 2,222,265; Nov. 19.
Wheel suspension. F. W. Slack. 2,190,298; Feb. 13.
Wheel suspension. J. Tjaarda. 2,203,344; June 4.
Wheel suspension, Device for. A. H. Peglow. 2,193,881; Mar. 19.
Wheel suspension for automobiles, Front. M. Klavík. 2,194,397; Mar. 19.
Wheel suspension for automobiles, Rear. E. W. Sagraves. 2,214,146; Sept. 10.
Wheel suspension for motor vehicles, Independent. V. Valletta. 2,197,163; Apr. 16.
Wheel suspension, Independent. F. E. Clemons. 2,216,907; Oct. 8.
Wheel suspension, Independent. L. E. Laisne. 2,201,438; May 21.
Wheel suspension, Independent. R. F. Peo and S. C. Bliss. 2,202,918; June 4.
Wheel suspension, Individual. J. W. Leighton. 2,198,544; Apr. 23.
Wheel suspension, Tractor. A. Ronning. 2,209,093; July 23.
Wheel suspension, Vehicle. G. L. Larison. 2,209,528; July 30.
Wheel suspension, Vehicle. A. Ronning. 2,209,094; July 23.
Wheel truing apparatus, Grinding. C. C. Alvord. 2,190,132; Feb. 13.
Wheel truing apparatus, Grinding. C. G. Flygare and C. C. Alvord. 2,194,422; Mar. 19.
Wheel truing mechanism. R. E. Flanders. 2,187,228; Jan. 16.
Wheel-truing mechanism. R. E. Flanders and L. M. Davis. 2,187,229; Jan. 16.
Wheelbarrow. L. H. Garlinghouse. 2,221,834; Nov. 19.
Wheels, Aligning vehicle. A. A. Friestedt. 2,190,709; Feb. 20.
Wheels and tire, Combination automobile. G. Tomsic. 2,206,737; July 2.
Wheels, Apparatus for truing. J. Fried. 2,189,394; Feb. 6.
Wheels, Balancing grinding. E. C. Ballman. 2,216,308; Oct. 1.
Wheels, Forming vehicle. F. H. Le Jeune. 2,188,477; Jan. 30.
Wheels, Making. R. C. Ingersoll. 2,192,403; Mar. 5.
Wheels, Making vehicle. H. J. Horn. 2,202,490; May 28.
Wheels of locomotives and the like, Synchronization of traction. H. A. Nonemaker and T. W. Demarest. 2,197,731; Apr. 16.
Wheels, Treating metal. L. E. Endsley. 2,188,569; Jan. 30.
Whip. L. Maslow. 2,208,337; July 16.
Whipstock. J. Johnson. 2,227,347; Dec. 31.
Whip-stock drilling and lining, Method and equipment for multiple. W. A. Warburton. 2,211,803; Aug. 20.
Whipstock, Winged. R. F. Bolton. 2,196,517; Apr. 9.
Whipper, Marshmallow. F. S. Nanna. 2,217,318; Oct. 8.
Whipping and beating device. A. E. Thinglum. 2,210,608; Aug. 6.
Whiskey aging device. E. B. Price. 2,209,474; July 30.
Whistle actuating and control means for toy trains. J. E. McLoughlin. 2,196,319; Apr. 9.
Whistle valve. T. Dowrick and J. F. Chase. 2,213,488; Sept. 3.
Whorl mechanism for cap spinning machines. E. G. Archer. 2,208,742; July 23.
Wick. G. Walters. 2,226,792; Dec. 31.
Wick assembly. H. W. Strong. 2,210,861; Aug. 6.
Wick for distillate burners. E. C. Leach. 2,190,519; Feb. 13.
Wick for oil burners. A. F. Heinsohn. 2,210,290; Aug. 6.
Wick for oilstove burners, Starting. J. K. Kahn. 2,197,866; Apr. 23.
Wick, Tubular attachment. G. Walters. 2,226,793; Dec. 31.
Wig with scalp-showing part. M. Jacoby. 2,192,550; Mar. 5.
Winch. C. L. Harkrader. 2,221,835; Nov. 19.
Winch. C. V. Koons. 2,214,466; Sept. 10.
Winch. V. S. Penote. 2,212,244; Aug. 20.
Winch. A. P. Schat and V. Smirnoff. 2,192,842; Mar. 5.
Winch, Boat. C. W. Kahlerth. 2,224,503; Dec. 10.
Windbreak for oil derricks. W. C. Markle. 2,196,704; Apr. 9.
Wind conduction for labial pipes of organs. H. Schulze. 2,220,548; Nov. 5.
Wind control means for protecting orchards and fields. J. Del. R. De Land. 2,193,062; Mar. 12.
Wind driven vehicle. R. Lindstrom. 2,206,197; July 2.
Wind intensity and direction transmitter and indicator. R. R. Chappell and R. B. Colt. 2,191,955; Feb. 27.
Windmill. L. W. Bangasser. 2,214,570; Sept. 10.
Windmill. G. W. Lea. 2,224,851; Dec. 17.
Windmill. M. F. Silva. 2,219,057; Oct. 22.
Windmill control. R. C. and C. G. Robson. 2,218,051; Oct. 15.
Wind motor, Self-regulating. R. W. Weeks. 2,215,413; Sept. 17.
Wind power machine. H. G. Irwin. 2,224,052; Dec. 3.
Wind power plant. A. Beldimano. 2,218,867; Oct. 22.
Windshield. G. S. Sawyer. 2,185,572; Jan. 2.
Windshield air scoop. R. P. Holland, Jr. 2,214,723; Sept. 10.
Windshield cleaner. D. B. Browne. 2,191,423; Feb. 20.
Windshield cleaner. E. C. Horton. 2,223,660; Dec. 3.
Windshield cleaner motor. E. C. Horton. 2,209,921; July 30.
Windshield clearing system. E. C. Horton. 2,206,814; July 2.
Windshield cover. S. E. Wise. 2,223,145; Nov. 26.
Windshield frame. A. T. Potter. 2,204,769; June 18.
Windshield heater. H. Janda. 2,195,862; Apr. 2.
Windshield or the like. R. V. Haley, A. J. Glazier, and C. Tietig. 2,189,465; Feb. 6.
Windshield protector. J. Heintz. 2,220,715; Nov. 5.
Windshield, Safety. C. E. Ruesch. 2,200,936; May 14.
Windshield, Shock absorbing. C. Hooppaw. 2,220,787; Nov. 5.
Windshield wiper motor. A. T. Kvarnstrom. 2,194,045; Mar. 19.
Windshield wiper motor. R. M. Morley. 2,208,772; July 23.
Wind switch. E. M. Claytor. 2,199,617; May 7.
Winder. B. A. Peterson. 2,190,106; Feb. 13.
Winder. B. A. Peterson. 2,202,317; May 28.
Winder. B. A. Peterson. 2,210,498; Aug. 6.
Winder, High speed synchronized. E. F. Monnia and J. W. Mills. 2,197,666; Apr. 16.
Winder or reel, Hose. H. G. Neale. 2,197,767; Apr. 23.
Winding. E. J. Abbott. 2,205,384–5; June 25.
Winding apparatus. R. C. Pierce. 2,185,309; Jan. 2.
Winding apparatus. A. Potdevin and R. L. Richmond. 2,206,580; July 2.
Winding apparatus. J. H. Williams, Jr. 2,222,189; Nov. 19.
Winding for transformers, Auxiliary. J. A. Trabut. 2,194,412; Mar. 19.
Winding machine. E. J. Abbott. 2,216,725; Oct. 8.
Winding machine. E. J. Abbott. 2,224,128; Dec. 10.
Winding machine. B. W. Ammann and O. L. Bachmann. 2,197,117; Apr. 16.
Winding machine. A. B. Carr and R. H. Fluker. 2,185,399; Jan. 2.
Winding machine. J. T. Crandall. 2,207,615; July 9.
Winding machine. J. T. Crandall. 2,226,221; Dec. 24.
Winding machine. G. Kahlisch. 2,208,930; July 23.
Winding machine. E. A. Morton. 2,217,561; Oct. 8.
Winding machine. A. L. Quinlan. 2,192,694; Mar. 5.
Winding machine. C. R. Sibley. 2,193,044; Mar. 12.
Winding machines, Method and device for use on. J. Uytenbogaart. 2,197,736; Apr. 16.
Winding mechanism. W. J. Volt and L. C. Welmer. 2,224,416; Dec. 10.
Winding, Method and means for. J. F. Schenck, Jr. 2,204,869; June 18.
Winding reel. W. F. Knebusch. 2,210,913–4; Aug. 13.
Window. W. D. Bayley. 2,202,685; May 28.
Window. W. D. Bayley. 2,208,718; July 23.
Window. W. Fairley. 2,200,692; May 14.
Window. E. F. Gaines and W. C. Lippert. 2,217,543; Oct. 8.
Window. C. E. Lyon. 2,211,473; Aug. 13.
Window. M. D. McCormick. 2,207,065; July 9.
Window. V. Pascuzzi and F. Cavallaro. 2,204,909; June 18.
Window. E. S. Persson. 2,221,058; Nov. 12.
Window. F. P. Walker. 2,225,809; Dec. 24.
Window. A. M. Whitney. 2,202,818; June 4.
Window-actuating mechanism. B. H. Noland and E. L. R. Smith. 2,185,646; Jan. 2.

Window air cooler. V. F. C. Augustine. 2,225,963; Dec. 24.
Window and door frame, Metallic. A. Lang. 2,219,594; Oct. 29.
Window and sunray member, Indoor storm. C. F. Flynn. 2,205,353; June 18.
Window box. H. C. Martin. 2,223,074; Nov. 26.
Window bracket. W. W. King. 2,187,941; Jan. 23.
Window, Carpet sweeper. C. C. Parrish. 2,208,516; July 16.
Window casement rotatable about two axes. F. Diestelkamp. 2,212,114; Aug. 20.
Window, Changeable show. C. S. Bostic, Jr. 2,196,095; Apr. 2.
Window channel. L. Spraragen. 2,191,549; Feb. 27.
Window cleaning device. K. W. Fischer and J. Kadis-Ohlen. 2,196,551; Apr. 9.
Window closer, Automatic. P. Pusak. 2,203,600; June 4.
Window, Combined sliding and swinging. C. E. Hassert. 2,185,982; Jan. 2.
Window, Comfort. C. Buti. 2,204,923; June 18.
Window construction. R. T. Axe. 2,193,852; Mar. 19.
Window construction. R. T. Axe. 2,197,913; Apr. 23.
Window construction. R. T. Axe. 2,207,772; July 16.
Window construction. H. J. Bader. 2,194,109; Mar. 19.
Window construction. E. F. Chaffee. 2,185,626; Jan. 2.
Window construction. E. F. Chaffee. 2,214,222; Sept. 10.
Window construction. O. L. Dautrick. 2,203,427; June 4.
Window construction. O. M. Edwards. 2,208,836; July 23.
Window construction. H. J. Galey. 2,205,523; June 25.
Window construction. H. Goldenberg. 2,221,515; Nov. 12.
Window construction. N. E. Griffin. 2,199,562; May 7.
Window construction. W. L. Kraemer. 2,189,758; Feb. 13.
Window construction. I. Kramer. 2,196,591; Apr. 9.
Window construction. H. R. McCleary. 2,203,172; June 4.
Window construction. J. R. Montgomery. 2,208,802; July 23.
Window construction. W. Owen. 2,205,538; June 25.
Window construction. G. Rosenberg. 2,201,126; May 14.
Window construction. J. D. Williams. 2,219,461; Oct. 29.
Window construction. E. J. Winship. 2,226,274; Dec. 24.
Window construction, Circular. O. M. Edwards. 2,197,074; Apr. 16.
Window construction, Double glazed. W. Owen. 2,219,699; Oct. 29.
Window construction for aircraft cabins, Soundproof. S. J. Zand. 2,189,388; Feb. 6.
Window construction for automobiles, Double. P. Pieri. 2,186,990; Jan. 16.
Window construction for vehicle bodies. T. P. Lohrman. 2,186,937; Jan. 16.
Window construction, Metallic. J. Ferruggia. 2,217,248; Oct. 8.
Window construction, Outwardly opening. H. O. Carroll. 2,215,170; Sept. 17.
Window construction, Protective. C. D. Ellithorpe. 2,223,169; Nov. 26.
Window construction, Sash. E. E. Hall. 2,189,142; Feb. 6.
Window covering. C. M. Thomas. 2,207,420; July 9.
Window, Double hung. S. Madsen. 2,188,054; Jan. 23.
Window, Double glazed. E. H. Haux. 2,202,694; May 28.
Window, Double glazed. W. Owen. 2,226,254; Dec. 24.
Window, Electrically operated. G. W. Ewing, D. L. Chandler, and F. H. Walker. 2,220,323; Nov. 5.
Window fastener. R. L. Folsom. 2,196,726; Apr. 9.
Window fastener. L. R. McNamara. 2,194,562; Mar. 26.
Window fastener, Screen and storm. A. C. Dohrman. 2,225,163; Dec. 17.
Window fixture. G. H. Terrell. 2,201,356; May 21.
Window for motor vehicles, Ventilating. E. B. Wiles. 2,203,934; June 11.
Window for vehicle bodies, Ventilating. H. W. Mackey. 2,211,665; Aug. 13.
Window frame. H. W. Cook. 2,190,096; Feb. 13.
Window frame and storm sash. E. G. Sampson. 2,187,561; Jan. 16.
Window frame and weather seal, Combination thermoplastic. J. S. Reid. 2,223,459; Dec. 3.
Window frame construction. N. Hirschey. 2,191,660; Feb. 27.
Window frame construction. S. G. Lipsett. 2,207,745; July 16.
Window frame construction. F. J. Robinson. 2,192,775–6; Mar. 5.
Window guide channel. L. Spraragen. 2,204,630; June 18.
Window having coupled sashes. E. S. Persson. 2,186,270; Jan. 9.
Window holder. E. A. Lahiere and T. Gillmet. 2,202,561; May 28.
Window holder. E. S. Persson. 2,196,779; Apr. 9.
Window, Insulating. E. D. Wahl. 2,216,332; Oct. 1.
Window lock. D. Kiesewetter. 2,223,620; Dec. 3.
Window lock. F. F. Larson. 2,187,660; Jan. 16.
Window lock. J. A. Mussman. 2,226,346; Dec. 24.
Window lock. S. Segal. 2,219,338; Oct. 29.
Window locking device. F. E. Andrews. 2,226,301; Dec. 24.
Window mechanism, Automobile door. D. L. Chandler and G. W. Ewing. 2,201,004; May 14.
Window, Metal. J. R. Montgomery, W. F. Schulz, and D. K. Macleod. 2,189,960; Feb. 13.
Window, Metallic double hung. A. Lang. 2,219,593; Oct. 29.
Window operating means. E. Giffoniello and E. Bamberg. 2,194,747; Mar. 26.
Window operating mechanism. G. R. Harrison. 2,226,376; Dec. 24.
Window operating mechanism. G. H. Murrin. 2,220,537; Nov. 5.
Window operating mechanism. W. F. Thoma. 2,185,321; Jan. 2.
Window operator and lock. R. H. Bliss. 2,208,889; July 23.
Window operator, Casement. G. Hagstrom. 2,219,362; Oct. 29.
Window operator, Casement. A. Lang. 2,214,280; Sept. 10.
Window or door fastener. G. Hagstrom. 2,222,293; Nov. 19.
Window, Refrigerator. R. M. Robinson. 2,216,892; Oct. 8.
Window regulator. W. C. Devereaux. 2,190,704; Feb. 20.
Window regulator. H. W. Mackey. 2,207,891; July 16.
Window regulator. L. R. Rhein. 2,194,673; Mar. 26.
Window regulator. J. Sneed. 2,193,657; Mar. 12.
Window regulator. A. J. Zwierzina. 2,212,220; Aug. 20.
Window, Removable sliding. S. Fabriani. 2,201,105; May 14.
Window sash. E. E. Donahoe. 2,185,888; Jan. 2.
Window sash fastener. C. O. Sanborn. 2,201,793; May 21.
Window sash guiding and sealing means. G. M. Grady and H. F. Ruberg. 2,200,548; May 14.
Window screen. A. E. Davis. 2,195,361; Mar. 26.
Window screen. J. C. Gieser. 2,207,856; July 16.
Window screen. E. S. Persson. 2,222,753; Nov. 26.
Window screen, Metallic. A. Lang. 2,207,381; July 9.
Window screening device. W. and C. Dollstedt. 2,191,166; Feb. 20.
Window seat. J. Inzerillo. 2,189,520; Feb. 6.
Window shade bracket, Horizontally adjustable. G. N. Medinger. 2,215,225; Sept. 17.
Window, Sound-excluding ventilating. E. T. Fisk. 2,206,175; July 2.
Window, Storm. C. B. Weedon. 2,200,568; May 14.
Window, Storm. M. H. Wolf. 2,197,167; Apr. 16.
Window structure. P. H. Kuyper. 2,188,050; Jan. 23.
Window structure. J. Martisius. 2,213,989; Sept. 10.
Window structure, Car. J. Schunk. 2,205,993; June 25.
Window-suspension device. St. G. L. Tremblay. 2,196,948; Apr. 9.
Window, Vehicle. J. Muttray and W. Vogel. 2,203,174; June 4.
Window with metal weather strips, Metal. M. Alexander and F. Wiesler. 2,212,221; Aug. 20.
Windows, Device for controlling vertically sliding. W. Young. 2,203,587; June 4.
Windows, doors, and the like, Insulating. P. A. Rosling. 2,191,500; Feb. 27.
Windows in well casings, Cutting. A. C. Sinclair. 2,216,963; Oct. 8.
Windrower, Bean vine. E. J. Patterson. 2,195,381; Mar. 26.
Wing, Airplane. F. Tupta. 2,209,863; July 30.
Wing and fuselage construction. D. R. Berlin. 2,211,089; Aug. 13.
Wing and similar construction. E. A. Stalker. 2,223,744; Dec. 3.
Wing and wing spar, Airplane. M. C. Boyd. 2,210,163; Aug. 6.
Wing control for snow plows. C. H. Frink. 2,193,532; Mar. 12.
Wing flap. T. N. Joyce. 2,205,479; June 25.
Wing, Variable area-and-camber. R. Chilton. 2,222,935; Nov. 26.
Winker for electric lamps. L. Ludwig. 2,219,744; Oct. 29.
Winterfront for motor vehicles. D. N. Gatfield. 2,219,386; Oct. 29.
Wiper. L. C. Lott. 2,212,609; Aug. 27.
Wiper accessory, Windshield. L. W. Faulkner. 2,187,117; Jan. 16.
Wiper and oiler, Measuring line. A. R. Kirkpatrick. 2,207,487; July 9.
Wiper arm. E. C. Horton. 2,215,371; Sept. 17.
Wiper arm, Windshield. F. G. and W. M. Folberth. 2,202,311; May 28.
Wiper, Automobile window. M. Zaiger. 2,196,542; Apr. 9.
Wiper blade attachment. M. Zaiger. 2,206,343; July 2.
Wiper blade, Windshield. V. H. Christen. 2,186,193; Jan. 9.
Wiper, Bottle. W. M. Fitzmeyer. 2,198,698; Apr. 30.
Wiper, Bottle. R. A. Short. 2,197,596; Apr. 16.
Wiper, Combination flashlight oil gauge rod. P. J. Shough. 2,222,303; Nov. 19.
Wiper, Cosmetic. H. Apfelbaum. 2,204,947; June 18.

Wiper, De-icing windshield. M. Zaiger. 2,203,071; June 4.
Wiper, Gauge line. M. H. Bow. 2,201,517; May 21.
Wiper, Gauge rod. F. L. Shelor. 2,191,817; Feb. 27.
Wiper, Journal. W. M. Gewin. 2,214,727; Sept. 17.
Wiper mechanism, Windshield. S. A. Snell. 2,191,356; Feb. 20.
Wiper, Mud. C. S. Penfield and U. M. Warren. 2,215,377; Sept. 17.
Wiper, Teletypewriter tape. E. B. Mathews. 2,198,550; Apr. 23.
Wiper, Type casting machine mouthpiece. D. Diamond. 2,196,061; Apr. 2.
Wiper, Windshield. J. W. Anderson. 2,203,346; June 4.
Wiper, Windshield. G. R. Ericson. 2,187,876; Jan. 23.
Wiper, Windshield. C. Pauro. 2,194,671; Mar. 26.
Wiping device. S. Findlater. 2,220,643; Nov. 5.
Wiping pad. W. Hall. 2,198,164; Apr. 23.
Wire anchoring device. W. J. Hill. 2,195,569; Apr. 2.
Wire and other long flexible articles, Winding. E. S. Hargreaves, W. J. Clements, W. A. Brown, and A. Lawrenson. 2,186,106; Jan. 9.
Wire and other strand material, Device and method for cleaning or drying. J. B. Moss. 2,194,565; Mar. 26.
Wire clamp. A. M. Seeger and E. W. Baird, Jr. 2,226,393; Dec. 24.
Wire clamp, Guy. C. W. Murray. 2,212,670; Aug. 27.
Wire cloth, Manufacture of paper maker's. W. D. T. Green. Re. 21,360; Feb. 20.
Wire, Coating. B. L. McCarthy. 2,226,938; Dec. 31.
Wire coiling machine. C. F. Fisher and E. E. Franks, Jr. 2,192,260; Mar. 5.
Wire coils, Unwinding means for. H. C. Koch. 2,186,928; Jan. 9.
Wire connecting device. J. F. Barry. 2,210,520; Aug. 6.
Wire connector. M. O. Bergan. 2,198,262; Apr. 23.
Wire connector. J. Blackburn. 2,222,998; Nov. 26.
Wire connector. S. N. Buchanan. 2,196,383; Apr. 9.
Wire connector. S. N. Buchanan. 2,204,979; June 18.
Wire connector. J. Rogoff. 2,209,933; July 30.
Wire connector, Solderless. G. C. Thomas, Jr., and M. D. Bergan. 2,205,322; June 18.
Wire core temples, Method and apparatus for making. J. Brunetti. 2,197,465; Apr. 16.
Wire covering device. S. M. Dockerty and O. W. Wiley. 2,208,897; July 23.
Wire cutter and bender, Combined. L. Sunshine and J. Joyslen. 2,212,888; Aug. 27.
Wire-drawing apparatus. C. D. Johnson. 2,199,494–6; May 7.
Wire drawing apparatus. E. D. Tubbs. 2,215,235; Sept. 17.
Wire drawing furnace. J. H. Green and H. K. Richardson. 2,197,524; Apr. 16.
Wire-drawing machine. C. A. Barron. 2,217,245; Oct. 8.
Wire-drawing machine. F. W. Gaines, 3rd. 2,226,400; Dec. 24.
Wire-drawing machine. C. D. Johnson. 2,213,344; Sept. 3.
Wire-drawing machine. M and W. Morgan. 2,185,416; Jan. 2.
Wire drawing machine. M. and W. Morgan. 2,219,094; Oct. 22.
Wire drawing machine. R. C. Pierce. 2,226,016; Dec. 24.
Wire-drawing machine, Continuous. C. D. Johnson. 2,199,493; May 7.
Wire drawing machines. C. L. Taylor. 2,211,392; Aug. 13.
Wire drawing method and machine. M. A. Hoyt. 2,187,785; Jan. 23.
Wire ends, Device for use in connecting. W. A. R. Meyer. 2,186,963; Jan. 16.
Wire fabric. R. J. Guba. 2,214,739; Sept. 17.
Wire fabric. K. Schuster. 2,212,796; Aug. 27.
Wire fabric and making the same. O. C. Scherfel. 2,223,390; Dec. 3.
Wire fabric machine. W. A. Kilmer. 2,188,358; Jan. 30.
Wire fabric processing apparatus. N. S. Harter. 2,192,789; Mar. 5.
Wire fabric seam. W. J. Taylor. 2,224,323; Dec. 10.
Wire fastening device. B. A. Fredell. 2,223,101; Nov. 26.
Wire feed mechanism. R. G. Hoffert. 2,199,241; Apr. 30.
Wire-feeding mechanism. R. W. Cummings. 2,198,695; Apr. 30.
Wire forming apparatus. H. W. Larson. 2,214,025; Sept. 10.
Wire handling machine. C. M. Stitt and H. C. and F. B. Stone. 2,225,187; Dec. 17.
Wire hanger, Trolley. S. S. Matthes. 2,195,732; Apr. 2.
Wire, Heat-treating. J. E. Doescher. 2,203,946; June 11.
Wire holder. W. Silvers. 2,197,486; Apr. 16.
Wire, Insulated weatherproof. W. E. Cook. 2,225,298; Dec. 17.
Wire insulation cutting and stripping device. T. W. Phillips. 2,217,077; Oct. 8.
Wire joining means. J. B. Dixon and C. S. Gordon. 2,193,450; Mar. 12.
Wire knitting machine. F. O. De Millar. 2,223,354; Dec. 3.
Wire, Knitting preformed. F. C. Stephens. 2,218,559; Oct. 22.
Wire lead stripper, Hot. G. V. Watts. 2,192,056; Feb. 27.
Wire line pipe cutter. E. K. Lane. 2,188,409; Jan. 30.
Wire line shooting tool. M. M. Kinley. 2,185,303; Jan. 2.
Wire, Making Fourdrinier. A. Purves. 2,199,417; May 7.
Wire, Manufacturing. M. Pipkin. 2,215,477; Sept. 24.
Wire, Method and apparatus for manufacturing barbed. H. Thiemer. 2,203,068; June 4.
Wire, Method and mechanism for drawing. L. Simons. 2,208,735; July 23.
Wire, Method of and apparatus for drawing. A. Simons. 2,203,751; June 11.
Wire, Method of and apparatus for the production of coiled hanks of. D. G. Ashcroft. 2,189,557; Feb. 6.
Wire, Method of and apparatus for treating and drawing. J. L. Schueler. 2,203,064; June 4.
Wire or rod connector. L. Frank. 2,187,230; Jan. 16.
Wire printing device. C. J. Rohland. 2,211,792; Aug. 20.
Wire recoater. H. Greene. 2,213,670; Sept. 3.
Wire reducing machine. L. Berkebil. 2,189,876; Feb. 13.
Wire reel. W. B. Poppenga. 2,202,398; May 28.
Wire reel. J. E. Whitaker. 2,199,901; May 7.
Wire rips in can closures and apparatus therefor, Insertion of. P. Bogner. 2,213,427; Sept. 3.
Wire rope clamp. C. C. Gallagher. 2,225,169; Dec. 17.
Wire splicer. J. Rogoff. 2,215,072; Sept. 17.
Wire stitcher. R. E. Zeruneith. 2,226,916; Dec. 31.
Wire stitching and stapling machine. G. H. Harred. 2,208,259; July 16.
Wire stitching machine. R. G. Hoffert. 2,220,333; Nov. 5.
Wire stitching machine. J. N. Pagliarul. 2,187,522; Jan. 16.
Wire stitching machine. W. O. Sims and E. J. Rodda. 2,190,684; Feb. 20.
Wire stitching machine. J. T. Wright. 2,226,598; Dec. 31.
Wire stranding machine, Tubular. W. Burrows. 2,218,278; Oct. 15.
Wire stretching and loop forming device. T. S. Wright. 2,195,763; Apr. 2.
Wire stringing block. C. B. Ingram. 2,188,715; Jan. 30.
Wire structure, Multiple bowden. O. J. Bratz. 2,218,903; Oct. 22.
Wire terminal. D. W. Johnson. 2,221,710; Nov. 12.
Wire terminal connector and blocks. W. Kimmich. 2,210,487; Aug. 6.
Wire terminal for electric lamp sockets and other appliances. D. Tulchin. 2,223,469; Dec. 3.
Wiring terminal for electrical fittings. H. Hubbell. 2,216,740; Oct. 8.
Wire terminal, Solderless. R. N. Rowe. 2,222,156; Nov. 19.
Wire tightener. J. A. Snodgrass. 2,209,288; July 23.
Wire, Treating and coiling. J. L. Schueler. 2,203,063; June 4.
Wire treating apparatus. P. Hakånsson. 2,196,662; Apr. 9.
Wire treating furnace. E. B. Powell. 2,218,177; Oct. 15.
Wire twisting device. C. E. Barnett. 2,186,090; Jan. 9.
Wire twisting device. C. Brignall. 2,218,104; Oct. 15.
Wire twisting machine. W. H. Cook. 2,221,701; Nov. 12.
Wire tying machine. P. Wright. 2,195,043; Mar. 26.
Wire tying machine. V. F. Zaremba and S. P. Osuch. 2,200,234; May 7.
Wire winder, Telephone. E. Flannelly. 2,211,561; Aug. 13.
Wire winding apparatus. R. C. Pierce. 2,187,841; Jan. 23.
Wire working machine. S. Grimshaw. 2,213,650; Sept. 3.
Wire working tool. M. Foshee. 2,195,773; Apr. 2.
Wireless and like receiver and tuning control apparatus for use therewith. A. H. Cooper. 2,218,905; Oct. 22.
Wireless direction finding system. C. F. A. Wagstaffe. 2,213,874; Sept. 3.
Wireless receiving arrangement with frame antenna. K. H. Meier. 2,192,321; Mar. 5.
Wireless reception, Reducing disturbances in. K. H. Meier. 2,220,260; Nov. 5.
Wireless system employing pulses, Directional. W. S. Percival. 2,225,524; Dec. 17.
Wires for firing devices, Lead. W. C. Hunt. 2,218,170; Oct. 15.
Wires, Manufacturing covered. H. Ito and T. Masuda. 2,192,832; Mar. 5.
Wires, Producing insulated. A. P. Hinsky. 2,194,941; Mar. 26.
Wiring box. L. H. Peck. 2,197,897; Apr. 23.
Wiring device. G. B. Benander. 2,196,051; Apr. 2.
Wiring-terminal device. R. A. Millermaster. 2,193,202; Mar. 12.
Woman's companion. S. Shapiro. 2,190,273; Feb. 13.
Wood and similar materials, Carbonization of. T. Reichert. 2,202,231; May 28.
Wood, Bending of. K. Michaëlis. 2,189,078; Feb. 6.
Wood bleaching. H. O. Kauffmann. 2,191,431; Feb. 20.
Wood block flowing. R. G. Bruce. 2,222,137; Nov. 19.
Wood carving tool. R. G. Gille. 2,202,251; May 28.
Wood chips or the like, Method of and apparatus for packing. H. A. Skinner. 2,198,587; Apr. 23.
Wood, Coloring. F. G. Bright. 2,210,832; Aug. 6.
Wood filler. W. J. Clarke. 2,194,295; Mar. 19.
Wood filler. J. B. Dietz and E. F. Oeffinger. 2,225,262; Dec. 17.

Wood finishing process. S. Maurer. 2,202,109; May 28.
Wood for the aging of spirituous liquors, Treating oak. E. T. Krebs, and E. T. Krebs, Jr. Re. 21,589; Oct. 1.
Wood for the rapid maturation of whiskey and other alcoholic liquors and wines, Processing. E. T. Krebs and E. T. Krebs, Jr. 2,224,352; Dec. 10.
Wood hydrolysate solutions, Treatment of. A. M. Partansky. 2,203,360; June 4.
Wood impregnating solution. B. O. Häger. 2,202,579; May 28.
Wood impregnation. L. R. Van Allen. 2,205,770; June 25.
Wood or other ligno-cellulose materials, Digesting. G. V. Palmrose. 2,192,239; Mar. 5.
Wood preservation. H. R. Hay. 2,209,970; Aug. 6.
Wood preservative, Producing. J. E. Harvey, Jr., R. H. White, Jr., and J. J. White. Re. 21,438; Apr. 30.
Wood products, Coloring of bent. W. C. Whyte. Re. 21,471; May 28.
Wood protection. F. E. Cislak. 2,217,265; Oct. 8.
Wood pulp, Bleaching of ground. J. S. Reichert, S. A. McNeight, and H. L. Potter. 2,199,376; Apr. 30.
Wood pulp, Refining. L. M. Sheldon, L. E. Goff, D. A. Alderson, and G. N. Fisher. 2,198,706; Apr. 30.
Wood-pulping process, Chemical. G. A. Richter. 2,190,193; Feb. 13.
Wood, Seasoning. J. R. Helson. 2,216,775; Oct. 8.
Wood splitting tool. T. W. Wimsatt. 2,190,902; Feb. 20.
Wood, Treating ground. K. A. Craig. 2,187,016; Jan. 16.
Wood, Treatment of. J. W. Baymiller. 2,203,589; June 4.
Woodwork incising machine. S. Maurer. 2,202,110; May 28.
Woodworking machine. J. E. Boice. 2,211,050; Aug. 13.
Woodworking tool. T. L. Hedgpeth. 2,225,049; Dec. 17.
Wooden box. E. T. Johnson. 2,211,853; Aug. 20.
Wooden structural members, Impregnating. A. B. Eckert. 2,208,361; July 16.
Woody material, Treating. V. Skutl. 2,218,897; Oct. 22.
Wool and woolen material, Treatment of. E. Race, F. M. Rowe and J. B. Speakman. 2,224,927; Dec. 17.
Wool, Artificial. J. B. Miles, Jr. 2,197,896; Apr. 23.
Wool by carbonization, Recovery of. C. P. Dyer. 2,197,360; Apr. 16.
Wool, Method and apparatus for making glass. J. H. Thomas, E. Fletcher, and F. W. Atkinson. 2,189,822; Feb. 13.
Wool, Method and apparatus for producing mineral. H. F. Vieweg, H. E. Holcomb, G. T. Pearce, and H. T. Coss. 2,221,011; Nov. 12.
Wool, Synthetic. V. R. Hardy. 2,217,113; Oct. 8.
Wool, Treatment of. M. A. Kise. 2,213,399; Sept. 3.
Woolen elastic fabric. J. V. Moore. 2,195,896; Apr. 2.
Work channeling device for shoe sewing machines. O. R. Haas. 2,225,301; Dec. 17.
Work-clamping means for lasting machines. W. T. Roberts. 2,226,780; Dec. 31.
Work device, Power driven. F. Drumm. 2,194,297; Mar. 19.
Worm element lapping machine. J. C. Drader and J. Martin. 2,209,562; July 30.
Work feeding device. I. Newman. 2,192,503; Mar. 5.
Work feeding mechanism. M. H. Arms, J. B. Johnson, and A. Turner. 2,191,930; Feb. 27.
Work handling apparatus. C. A. Shaffer. 2,203,799; June 11.
Work handling apparatus for machine tools and the like. E. W. Baker. 2,187,297; Jan. 16.
Work handling device. M. H. Freeman. 2,222,941; Nov. 26.
Work-handling mechanism. R. W. Andrews, Jr. and E. L. Iverson. 2,225,292; Dec. 17.
Work holder. E. B. Dewey. 2,214,663; Sept. 10.
Work holder. M. S. Evans. 2,208,251; July 16.
Work holder. F. E. Johnson. 2,194,089; Mar. 19.
Work holder. T. M. Lilleberg. 2,200,927; May 14.
Work holding device. K. P. Friese. 2,188,433; Jan. 30.
Work holding device. S. W. Mathias. 2,215,270; Sept. 17.
Work holding devices, Making. A. J. Weatherhead, Jr. 2,210,993; Aug. 13.
Work loading mechanism for lathes. W. F. Groene and H. J. Siekmann. 2,221,049; Nov. 12.
Workpiece dimensions, Testing of accuracy of. W. Baesgen, H. Demsky, and O. Patzold. 2,202,683; May 28.
Work presenting means for shoe machines. C. G. Brostrom. 2,223,440; Dec. 3.
Work squaring table. C. L. Henderson. 2,211,566; Aug. 13.
Work support. H. J. Willmott. 2,223,474; Dec. 3.
Work support for welding apparatus. F. Vetorino. 2,206,439; July 2.
Work surfacing mechanism. L. V. Casto, G. von Webern, E. W. Hamant, and O. D. King. 2,193,900; Mar. 19.
Worm cutting machine. J. R. Richer. 2,224,988; Dec. 17.
Worm gearing. W. F. Zimmermann. 2,195,912; Apr. 2.
Wound clip. J. C. Dawson, Jr. 2,201,610; May 21.
Woven fabric, Corded. L. J. A. Amyot. 2,190,053; Feb. 13.
Woven interlining fabric. B. Henschke. 2,207,862; July 16.
Wrap-around apparatus for knitting machines. H. Agulnek. 2,189,275; Feb. 6.

Wrapper. G. R. Eichberg and S. M. Kerrison. 2,213,758; Sept. 3.
Wrapper, Advertising. C. N. Neklutin. 2,226,736; Dec. 31.
Wrapper, Candy. T. R. Latour. 2,205,210; June 18.
Wrapper, Coin. C. L. Downey. 2,205,283; June 18.
Wrapper for ailerons, Balanced. P. H. Kemmer. 2,220,907; Nov. 12.
Wrapper mechanism. C. J. Malhoit. 2,188,282; Jan. 23.
Wrapper, Self-sealing. W. N. MacDonald. 2,185,469; Jan. 2.
Wrapper, Self-sealing bread. W. N. MacDonald. 2,185,470; Jan. 2.
Wrapper, Soap. L. W. Strattner. 2,206,829; July 2.
Wrapper transfer for cigar machines. H. H. Wheeler. 2,215,490; Sept. 24.
Wrapper, Transparent coin. E. W. Jackson. 2,194,904; Mar. 26.
Wrapper with heat-responsive marking. H. S. van Doren. 2,193,349; Mar. 12.
Wrapping and sealing machine. E. A. Muller. 2,218,292; Oct. 15.
Wrapping machine. W. B. Bronander. 2,192,683; Mar. 5.
Wrapping machine. P. Burke and J. E. Blosser. 2,224,098; Dec. 3.
Wrapping machine. J. W. Chalmers and D. B. Kidd. 2,209,110; July 23.
Wrapping machine. R. D. Delamere. 2,196,910; Apr. 9.
Wrapping machine. G. Kaeding and H. Hoyer. 2,185,593; Jan. 2.
Wrapping machine. A. M. Raney. 2,212,185; Aug. 20.
Wrapping machine. O. Sandberg. 2,208,776; July 23.
Wrapping machine, Continuous motion. E. L. Smith and C. Wetsel. 2,189,087; Feb. 6.
Wrapping material measuring device. H. H. Mohl. 2,227,398; Dec. 31.
Wrapping paper cutter. E. J. Parr. 2,207,873; July 16.
Wreath, Decorative. H. P. Hanson. 2,227,187; Dec. 31.
Wrecking bar. H. K. Scott. 2,210,602; Aug. 6.
Wrench: *See*—

Chain wrench.	Ratchet wrench.
Electrician's conduit wrench.	Rod wrench.
Impact wrench.	Safety wrench.
Jar cap wrench.	Self adjusting wrench.
Magazine wrench.	Sucker rod wrench.
Pipe coupling wrench.	Torque indicating wrench.
Pipe wrench.	Torque measuring wrench.

Wrench. O. Becklin. 2,210,274; Aug. 6.
Wrench. R. Brenning. 2,206,802; July 2.
Wrench. A. Doerr. 2,227,218; Dec. 31.
Wrench. F. C. Fischer. 2,206,251; July 2.
Wrench. G. W. Hamilton and V. H. Rowlett. 2,218,313; Oct. 15.
Wrench. R. B. Johnson. 2,205,294; June 18.
Wrench. L. Leigh. 2,222,081; Nov. 19.
Wrench. J. Lizakowski. 2,200,453; May 14.
Wrench. S. Mandl. 2,225,420; Dec. 17.
Wrench. H. A. Mead. 2,194,049; Mar. 19.
Wrench. W. Petersen. 2,201,918; May 21.
Wrench. C. L. and W. B. Roush. 2,198,951; Apr. 30.
Wrench. H. Ward. 2,197,283; Apr. 16.
Wrench, adapter. G. C. Whitney. 2,210,742; Aug. 6.
Wrench, Making a golf-calk. G. R. James. 2,222,145; Nov. 19.
Wrench set holder. C. H. Chur. 2,199,984; May 7.
Wringer. E. H. Bard. 2,199,906; May 7.
Wringer. T. W. Behan. 2,227,119; Dec. 31.
Wringer. J. W. Brandt. 2,203,426; June 4.
Wringer. N. L. Etten. 2,208,248–9; July 16.
Wringer. N. L. Etten. 2,215,639; Sept. 24.
Wringer. S. S. Holland. 2,190,946; Feb. 20.
Wringer. W. L. Kauffman. 2,202,777–9; May 28.
Wringer. W. L. Kauffman II. 2,201,540–1; May 21.
Wringer. W. L. Kauffman, II. 2,216,197–200; Oct. 1.
Wringer. W. L. Kauffman, II. 2,216,391; Oct. 1.
Wringer. W. L. Kauffman, II. 2,216,394–5; Oct. 1.
Wringer. W. L. Kauffman, II. 2,216,397–9; Oct. 1.
Wringer. W. L. Kauffman, II. 2,216,744; Oct. 8.
Wringer. W. L. Kauffman, II. 2,216,746; Oct. 8.
Wringer. W. L. Kauffman, II. 2,225 499; Dec. 17.
Wringer. E. V. Godfrey. 2,211,563; Aug. 13.
Wringer. R. I. Miner. 2,199,079; Apr. 30.
Wringer. J. L. Perkins. 2,210,949; Aug. 13.
Wringer. G. W. Wardwell, Jr., and J. I. Arnett. 2,201,842; May 21.
Wringer. N. H. Watts. 2,214,094–5; Sept. 10.
Wringer. C. W. Williams. 2,197,402; Apr. 16.
Wringer and drainboard apparatus. J. C. Clapper and D. A. Constance. 2,207,215; July 9.
Wringer and the like. W. L. Kauffman, II. 2,216,400; Oct. 1.
Wringer and the like. W. L. Kauffman, II. 2,216,996; Oct. 1.
Wringer, Clothes. G. J. Filia. 2,211,599; Aug. 13.
Wringer, Clothes. J. Friedl. 2,220,093; Nov. 5.
Wringer, Clothes. T. J. Little, Jr. 2,227,096; Dec. 31.
Wringer, Clothes. S. E. Schroeder. 2,198,462; Apr. 23.
Wringer, Clothes. S. E. Schroeder. 2,209,422–3; July 30.
Wringer, Clothes. C. K. Skinner. 2,216,404; Oct. 1.
Wringer, Clothes. E. Stroschein. 2,221,389; Nov. 12.
Wringer, Clothes. N. H. Watts. 2,189,747; Feb. 6.

Wringer, Clothes or like. R. D. O'Callaghan. 2,190,335; Feb. 13.
Wringer, Cone type. F. A. Speik. 2,196,329; Apr. 9.
Wringer feed. G. Czefra. 2,204,302; June 11.
Wringer gear head structure. J. L. Perkins. 2,201,242; May 21.
Wringer, Gearshift roll stop. N. L. Etten. 2,208,250; July 16.
Wringer (manual pressure reset). F. A. Parish. 2,218,829; Oct. 22.
Wringer mechanism. N. L. Etten. 2,227,130; Dec. 31.
Wringer mechanism. F. C. Ruppel. 2,218,588; Oct. 22.
Wringer, Mop. H. Cave. 2,223,147; Nov. 26.
Wringer, Multiple roll. A. Schellenberg. 2,223,860; Dec. 3.
Wringer release and reset. N. L. Etten. 2,223,512; Dec. 3.
Wringer release mechanism. N. L. Etten. 2,205,137; June 18.
Wringer release, Washing machine. E. R. H. Britton and P. R. Thillard. 2,195,021; Mar. 26.
Wringer reset. N. L. Etten. 2,225,611; Dec. 24.
Wringer roll drive device. N. L. Etten. 2,210,657; Aug. 6.
Wringer roll drive mechanism. N. L. Etten. 2,223,511; Dec. 3.
Wringer roll stop mechanism. V. E. Dunn. 2,206,302; July 2.
Wringer, Safety. D. M. Berry. 2,217,304; Oct. 8.
Wristband for watches. L. T. Sterino. 2,226,329; Dec. 24.
Wrist-watch case. L. Guild. 2,207,512; July 9.
Wrist-watch case. L. N. Guild. 2,225,474; Dec. 17.
Writing and imprinting machine attachment. A. W. Metzner. 2,218,544; Oct. 22.
Writing device. J. W. Albin. 2,197,628; Apr. 16.
Writing implement. E. B. Nichols. 2,190,910; Feb. 20.
Writing implement, Autoilluminant. J. E. King and R. L. Hale. 2,204,136; June 11.
Writing implement, Balanced. W. E. Neal. 2,215,084; Sept. 17.
Writing instrument. E. S. Garvey. 2,210,662; Aug. 6.
Writing machine. W. E. McFarland. 2,202,958; June 4.
Writing pad. M. Mitnitzky. 2,198,347; Apr. 23.
Writing surface. J. E. Arberry. 2,202,682; May 28.
X-ray apparatus. K. Bischoff and K. Silbermann. 2,217,939; Oct. 15.
X-ray apparatus. E. B. Graves. 2,203,279; June 4.
X-ray apparatus. W. K. Kearsley. 2,217,483; Oct. 8.
X-ray apparatus. H. A. Kent. 2,212,025; Aug. 20.
X-ray apparatus. G. Kloos. 2,215,399; Sept. 17.
X-ray apparatus. A. Kuntke and C. W. Daumann. 2,222,536; Nov. 19.
X-ray apparatus. R. R. Machlett. 2,216,887; Oct. 8.
X-ray apparatus. I. G. Moe. 2,220,725; Nov. 5.
X-ray apparatus. W. Watson. 2,196,618; Apr. 9.
X-ray apparatus and control. W. M. Lee. 2,193,071; Mar. 12.
X-ray cassette. H. S. Wolf. 2,213,437; Sept. 3.
X-ray exposure apparatus. J. Engel. 2,196,063; Apr. 2.
X-ray filter. C. D. Smith. 2,216,326; Oct. 1.
X-ray generating device. J. W. M. Du Mond. 2,209,963; Aug. 6.
X-ray measuring instrument. J. A Victoreen. 2,190,200; Feb. 13.
X-ray pictures of parts of the human body, Process and apparatus for taking. S. Strauss and L. Weisglass. 2,190,389; Feb. 13.
X-ray projection device. P. T. Farnsworth. 2,221,374; Nov. 12.
X-ray reversible tilt table. W. H. Haupt. 2,224,262; Dec. 10.
X-ray stereoscopic means and method. Le R. J. Leishman. 2,214,621; Sept. 10.
X-ray tube. S. Hirsch. 2,186,380; Jan. 9.
X-ray tube. K. Lenz. 2,205,297; June 18.
X-ray tube. R. R. Machlett. 2,215,426; Sept. 17.
X-ray tube. R. R. Machlett. 2,216,888; Oct. 8.
X-ray tube. J. F. Timmons. 2,213,112; Aug. 27.
X-ray tube. A. Verhoeff. 2,222,549; Nov. 19.
X-ray tube current metering means. E. R. Goldfield and C. B. Horsley. 2,189,894; Feb. 13.
X-ray tube, Rotatable anode. Z. J. Atlee. 2,185,826; Jan. 2.
X-ray unit. A. Mutscheller. 2,216,210; Oct. 1.
X-ray unit, Shockproof. A. Simon. 2,194,369; Mar. 19.
Xanthate, Guanidine. A. O. Jaeger and B. Herrlinger. 2,198,774; Apr. 30.
Xanthate of cellulose glycollic acid. D. C. Ellsworth and F. Schulze. 2,201,663; May 21.
Xenoxy-alkyl amines, Primary. F. N. Alquist and H. R. Slagh. 2,187,723; Jan. 23.
Xylophone. R. H. Konikoff. 2,215,358; Sept. 17.
Yarder mounting. J. R. McGiffert. 2,187,909; Jan. 23.
Yarn. H. Aibel and M. Mass. 2,225,290; Dec. 17.
Yarn. C. J. Malm. 2,223,376; Dec. 3.
Yarn. J. Sultan. 2,186,396; Jan. 9.
Yarn and fabric production. J. L. Baggett. 2,216,799; Oct. 8.
Yarn and producing it, Textile. H. Dreyfus. 2,208,632; July 23.
Yarn and the manufacture thereof, Crepe. R. M. Dingley and W. A. Dickie. 2,203,721; June 11.
Yarn and thread and forming same, Tensioned. H. Y. Jennings. 2,220,958; Nov. 12.
Yarn apparatus, Slub. J. G. Kershaw. 2,197,697; Apr. 16.
Yarn ball holder. S. Miller. 2,194,609; Mar. 26.
Yarn brake. H. Schlick. 2,201,015; May 14.
Yarn carrier and making same. A. L. Weisbecker. 2,218,977; Oct. 22.
Yarn carrier with replaceable yarn guide means. J. Held. 2,214,372; Sept. 10.
Yarn conditioning process. J. B. Dickey. 2,196,748; Apr. 9.
Yarn conditioning process. J. B. Dickey. 2,196,755–6; Apr. 9.
Yarn conditioning process. J. B. Dickey. 2,197,999; Apr. 23.
Yarn conditioning process. J. B. Dickey. 2,198,001; Apr. 23.
Yarn conditioning process. J. B. Dickey and J. G. McNally. 2,196,744; Apr. 9.
Yarn conditioning process. J. B. Dickey and J. G. McNally. 2,196,747; Apr. 9.
Yarn conditioning process. J. B. Dickey and J. G. McNally. 2,196,750; Apr. 9.
Yarn conditioning process. J. B. Dickey and J. G. McNally. 2,196,753; Apr. 9.
Yarn conditioning process. J. B. Dickey and J. G. McNally. 2,198,000; Apr. 23.
Yarn conditioning process. J. B. Dickey and J. B. Normington. 2,197,998; Apr. 23.
Yarn conditioning process and composition therefor. J. B. Dickey. 2,186,628; Jan. 9.
Yarn conditioning process and composition therefor. J. B. Dickey. 2,191,039; Feb. 20.
Yarn conditioning process and composition therefor. J. B. Dickey and J. G. McNally. 2,199,988–9; May 7.
Yarn, Continuous process for the manufacture of cellulose derivative cut staple. H. R. Childs. 2,186,135; Jan. 9.
Yarn control means. F. J. Kent. 2,222,847; Nov. 26.
Yarn dyeing machine. C. H. Ross. 2,197,011; Apr. 16.
Yarn, Elastic. W. D. Smith. 2,207,641; July 9.
Yarn feeding control device for knitting machines. W. M. Vogler. 2,196,088; Apr. 2.
Yarn feeding mechanism for straight knitting machines. G. Gastrich. 2,202,521; May 28.
Yarn for drier felts and the like and making the same, Cotton. B. Monsaroff and W. S. Burrill. 2,192,865; Mar. 5.
Yarn from continuous filament yarns, Producing fuzzy or imitation fiber. V. Woolley. 2,191,417; Feb. 20.
Yarn guide construction, Renewable element. G. Gastrich. 2,198,081; Apr. 23.
Yarn holding device for knitting machines. R. Hug. 2,201,092; May 14.
Yarn-laying mechanism for knitting machines. J. L. Beers. 2,213,298; Sept. 3.
Yarn, Making. K. H. Gibson. 2,213,793; Sept. 3.
Yarn, Making. C. C. Sorensen. 2,216,377; Oct. 1.
Yarn, Making cotton spun. J. E. Farrell. 2,205,286; June 18.
Yarn, Making elastic. F. D. Chittenden and K. J. Ruprecht. 2,210,884; Aug. 13.
Yarn, Manufacture of. M. Hain. 2,197,638; Apr. 16.
Yarn, Manufacture of. J. L. Truslow. 2,206,242; July 2.
Yarn, Manufacture of chenille. R. Broder. 2,203,561; June 4.
Yarn, Manufacture of crepe. J. J. Strube and A. Broetz. 2,219,728; Oct. 29.
Yarn, Manufacture of hairy. C. Magnolfi. 2,216,123; Oct. 1.
Yarn, Manufacture of staple fiber. W. Pool. 2,224,923; Dec. 17.
Yarn, Method and apparatus for singeing. W. Carter. 2,195,357; Mar. 26.
Yarn, Method and apparatus for treating. J. J. Stoeckly. 2,205,366; June 18.
Yarn, Method of and apparatus for stapilizing. W. White. head. 2,207,842; July 16.
Yarn, Novelty wool and mohair knop. E. Bry. 2,211,642–3; Aug. 13.
Yarn of wool and mohair, Novelty. E. Bry. 2,211,641; Aug. 13.
Yarn package. W. E. Mahoney. 2,222,039; Nov. 19.
Yarn package holder. T. Smith. 2,226,024; Dec. 24.
Yarn supply. N. F. Lahr. 2,220,529; Nov. 5.
Yarn take-up. A. N. Cloutier. 2,193,311; Mar. 12.
Yarn tension device. J. D. Friday. 2,185,890; Jan. 2.
Yarn tensioning device. H. Howorth. 2,224,298; Dec. 10.
Yarn, Treating. I. L. Griffin. 2,185,747; Jan. 2.
Yarn, Treating. C. V. Smith. 2,202,031; May 28.
Yarn treating apparatus. V. Lobasso. 2,211,141; Aug. 13.
Yarn treating process and composition therefor. J. B. Dickey and J. G. McNally. 2,190,865; Feb. 20.
Yarn treating process and composition therefor. J. B. Dickey and J. B. Normington. 2,186,630; Jan. 9.
Yarn treating process and composition therefor. J. B. Dickey and J. B. Normington. 2,199,986; May 7.
Yarn tube. P. H. Slaughter. 2,217,459; Oct. 8.
Yarn winder. A. P. Bell. 2,185,327; Jan. 2.
Yarn, Winding. D. Olken and G. Bernat. 2,209,471; July 30.
Yarn winding apparatus. W. H. Kimpton. 2,213,280; Sept. 3.
Yarn winding apparatus. R. W. Moncrieff and T. Eccles. 2,190,797; Feb. 20.

Yarn winding machinery. W. I. Taylor and A. H. Woodruff. 2,209,428; July 30.
Yarns and fabrics, Product for printing textile. M. L. Crossley, R. H. Kienle, and C. A. Amick. 2,196,958; Apr. 9.
Yarns and filaments, Treatment of textile. C. Dreyfus and G. Schneider. 2,201,992; May 28.
Yarns containing staple fiber from yarns composed of continuous filaments, Manufacture of. D. Finlayson and L. Latham. 2,197,856–7; Apr. 23.
Yarns, Fugitively tinting and lubricating. E. A. Robinson and G. M. Richardson. 2,207,696; July 9.
Yarns in slasher, Method and apparatus for setting up. C. H. Boyce. 2,219,804; Oct. 29.
Yarns, Manufacture of artificial. H. Dreyfus and W. I. Taylor. 2,216,810; Oct. 8.
Yarns, Manufacture of staple fiber. W. Pool. 2,220,024; Oct. 29.
Yarns, Production of staple fiber. E. G. Guenther. 2,221,023; Nov. 12.
Yarns, Unwinding of continuous filament. W. Pool. 2,224,921; Dec. 17.
Yeast, Manufacture of. G. de Becze. 2,199,722; May 7.
Yeast, Manufacture of. E. A. Meyer. 2,214,028; Sept. 10.
Yeast preparation. C. Weizmann. 2,225,576; Dec. 17.
Yeast, Preserving. J. C. Mattl. 2,187,357; Jan. 16.
Yeast, Process and apparatus for treating. W. P. Torrington. 2,190,689; Feb. 20.
Yeast, Producing. V. R. Kokatnur. 2,218,336; Oct. 15.
Yeast, Stabilized. A. S. Schultz and C. N. Frey. 2,223,464; Dec. 3.
Yeast treating method. W. P. Torrington. 2,223,501; Dec. 3.
Zein compound, Greaseproof. C. Veatch. 2,194,337; Mar. 19.
Zein solution by clarification, Stabilization of a. L. C. Swallen. 2,221,560–1; Nov. 12.
Zein solution, Stable. R. E. Coleman. 2,188,895; Feb. 6.
Zein solutions, Treatment of. L. C. Swallen. 2,206,310; July 2.
Zeolite and the preparation thereof, Carbonaceous. O. Liebknecht. 2,191,060; Feb. 20.
Zigzag machine with two needles and two hooks. S. Zonis. 2,207,141; July 9.
Zinc base alloy. L. S. Gifford and H. L. Maxwell. 2,195,566; Apr. 2.
Zinc, Electrodeposition of. R. O. Hull. 2,214,331; Sept. 10.
Zinc formaldehyde sulphoxylate, Preparing. F. B. Downing. 2,223,886; Dec. 3.
Zinc from dross, Recovery of. E. A. Hawk. 2,215,961; Sept. 24.
Zinc hyposulphate, Manufacture of. R. Luehdemann. 2,204,504; June 11.
Zinc metallurgy. J. O. Betterton and M. F. Perkins. 2,219,914; Oct. 29.
Zinc oxide. H. M. Cyr. 2,200,873; May 14.
Zinc smelting, Process and apparatus for. F. G. Breyer. 2,207,779; July 16.
Zirconium compounds, Manufacture of. D. Tyrer. 2,201,508; May 21.
Zirconium oxide and making same. C. J. Kinzie and D. S. Hake. 2,194,426; Mar. 19.
Zirconium oxides and making same. C. J. Kinzie and D. S. Hake. 2,206,287; July 2.
Zirconium salts of water-insoluble fatty acids and making same. C. J. Kinzie and E. Wainer. 2,221,975; Nov. 19.
Zodiac reckoner. T. A. Peirce. 2,201,742; May 21.

LIST OF DESIGN INVENTIONS

Adapter for a container closure. H. H. Martin. 120,464; May 7.
Adding machine. W. A. Kropp. 119,624; Mar. 26.
Advertising and vending device, Combined. A. N. Spånel. 120,875; June 4.
Advertising device. H. Frankel. 118,444; Jan. 9.
Advertising device. L. T. Siddall. 120,144; Apr. 23.
Advertising device, cigar lighter, radio and clock, Combined. A. J. Cooper. 122,182; Aug. 27.
Aerial. L. K. Wildberg. 118,627; Jan. 23.
Aerial. L. K. Wildberg. 121,334; July 2.
Aeroplane. R. M. Fruits. 123,595; Nov. 19.
Aeroplane. M. Short and R. E. Keedy. 123,251; Oct. 22.
Afghan or similar article, Knitted. L. Gorska. 121,954; Aug. 13.
Agitator. O. E. Carman. 124,192; Dec. 24.
Air circulator. W. L. Kisling. 120,033; Apr. 16.
Air cleaner and regulator, Combined. H. A. Roselund. 121,574; July 23.
Air compressing unit. F. D. Ditch. 118,852; Feb. 6.
Air compressing unit. I. L. Eastman. 122,458–9; Sept 10.
Air conditioner. R. E. Young. 118,790; Jan. 30.
Air conditioning control. C. A. Rudolph. 122,928; Oct. 8.
Air conditioning control. A. V. Sampsel. 121,001; June 11.
Air conditioning unit. T. L. C. Rogers. 119,051; Feb. 20.
Air cooling and dehumidifying unit. R. Loewy. 120,383; May 7.
Air distribution outlet. R. M. Page. 120,015; Apr. 16.
Air dusting gun. R. L. Potter. 123,203; Oct. 22.
Air outlet for ventilators. M. Serre, J. B. Hewett, and E. A. Schaefer. 123,329; Oct. 29.
Airplane. C. Brandrup. 123,427; Nov. 5.
Airplane. H. W. Case. 121,584; July 23.
Airplane. W. K. Ebel. 120,909; June 4.
Airplane. A. P. Fontaine. 123,307; Oct. 29.
Airplane. H. L. Hibbard and C. L. Johnson. 119,714; Mar. 26.
Airplane. C. L. Johnson and W. W. Beman. 119,334; Mar. 5.
Airplane. G. Johnstone and M. Bifano. 119,319; Mar. 5.
Airplane. J. Koss. 121,685; July 30.
Airplane. C. H. Miller. 119,071; Feb. 20.
Airplane. R. W. Palmer. 121,963; Aug. 13.
Airplane. L. E. Reisner. 119,678; Mar. 26.
Airplane. J. A. Roché. 122,855; Oct. 1.
Airplane. R. J. Woods. 122,564; Sept. 10.
Airplane, Model. B. R. Shaw. 119,337; Mar. 5.
Airplane or the like. H. Silverstein. 120,187; Apr. 23.
Airplanes. L. Holden and C. De Hibbs. 120,931; June 4.
Air volume control and pressure gauge, Combined. B. E. Shaw. 119,175; Feb. 27.
Alarm, Thermostatic fire. R. M. Bowes. 118,365; Jan. 2.
Alarm, Thermostatic fire. R. M. Bowes. 120,156; Apr. 23.
Alphabet for forming monograms or similar articles. M. Chernow. 121,183; June 25.
Alphabet for forming monograms or similar article. G. D. Sullivan. 120,084; Apr. 16.
Alphabet, Jeweled. J. H. Leff. 122,337; Sept. 3.
Amusement device, Wind driven. G. L. Yuran. 122,347; Sept. 3.
Anatomical injector. A. E. Landau and W. F. Schaefer. 118,979; Feb. 13.
Anchor. F. L. Tower. 118,869; Feb. 6.
Anchorage for luggage handle, Post loop. A. J. Komenak. 119,533; Mar. 19.
Antenna, Loop. W. P. Lear. 122,926; Oct. 8.
Anvil, Dentist's. W. O. Maitland. 121,221; June 25.
Apparatus for spraying atomized liquids. C. F. Boe. 120,797; May 28.
Apparatus for threading sewing needles. D. R. Ligh. 121,721; July 30.
Applicator. G. Bennett. 123,585; Nov. 19.
Applicator, Cosmetic. I. B. Kaltenbach. 121,614; July 23.
Applicator or similar article, Mascara. N. R. Hahn. 122,019; Aug. 20.
Applicator, Shoe dressing. A. R. Babcock. 124,056; Dec. 17.
Applique. L. La Rosa. 122,106; Aug. 20.
Applique for coat lining or the like. D. Bender. 122,936; Oct. 8.
Appliqué or similar article. H. Dreyfuss. 121,586; July 23.
Appliqué or similar article. H. Dreyfuss. 121,612; July 23.
Apron. M. B. Picken. 118,418; Jan. 2.
Apron. A. Quinn. 122,556; Sept. 10.
Arm for lamp fixtures. A. O. Elting. 118,658; Jan. 23.
Arm for lamp fixtures. A. O. Elting. 118,734; Jan. 30.
Arm for lamp fixtures. A. O. Elting. 118,966–8; Feb. 13.
Arm for lamp fixtures. A. O. Elting. 119,996–9; Apr. 16.
Arm for lamp fixtures. A. O. Elting. 120,258–60; Apr. 30.
Arm for lamp fixtures. A. O. Elting. 120,402; May 7.
Arm for lamp fixtures. A. O. Elting. 120,545–6; May 14.
Arm for lamp fixtures. A. O. Elting. 123,860–77; Dec. 10.
Arm rest for cardiometric machine. B. W. and H. S. Williams. 123,424; Nov. 5.
Arm rest or like article. J. G. Rideout. 123,603; Nov. 19.
Armor, Protective. M. J. Gilman. 120,311; Apr. 30.
Armor, Protective. M. J. Gilman. 124,250–1; Dec. 24.
Ash receiver or the like. J. Visser. 118,680; Jan. 23.
Ashtray. J. K. Boyd. 120,541; May 14.
Ash tray. W. J. Clay and H. S. Bell. 122,043; Aug. 20.
Ashtray. S. L. Fisher. 119,086; Feb. 20.
Ash tray. H. A. Fuld. 122,460; Sept. 10.
Ash tray. H. Haas, Jr. 120,671; May 21.
Ashtray. E. V. Myers. 120,409; May 7.
Ashtray. W. N. Pesce. 119,310; Mar. 5.
Ashtray. J. P. Sandejas. 119,206; Feb. 27.
Ashtray. J. F. Schylander. 118,746; Jan. 30.
Ashtray and cigarette dispenser, Combined. B. E. Cartwright. 123,750; Dec. 3.
Ash tray and sponge cup, Combination. F. Zuest. 120,795; May 28.
Ashtray or similar article. E. W. Ekstrand. 118,369; Jan. 2.
Ashtray, pipe knocker, and pipe rack, Combined. A. H. Nagel. 119,791; Apr. 2.
Ash-tray, Stemmed. R. M. Koch. 123,087; Oct. 15.
Atomizer. G. Grunberg. 118,555; Jan. 16.
Atomizer. F. R. Hoch. 118,778; Jan. 30.
Atomizer. F. W. Lohse. 118,782; Jan. 30.
Atomizer. A. W. Pitts. 121,884; Aug. 13.
Atomizer. J. B. Schmitt. 120,763; May 28.
Atomizer. F. A. Vuillemenot. 118,921–2; Feb. 6.
Atomizer. F. A. Vuillemenot. 121,404; July 9.
Atomizer. F. A. Vuillemenot. 121,909; Aug. 13.
Atomizer. F. A. Vuillemenot. 124,086; Dec. 17.
Atomizer. F. A. Vuillemenot. 124,216; Dec. 24.
Atomizer spray head. C. F. Rehn. 119,503; Mar. 19.
Atomizer, Steam. A. Barkin. 120,371; May 7.
Attachment for ophthalmic spectacle mountings or similar articles. E. Reynolds. 121,637; July 23.
Automobile. R. Cadwallader. 122,504; Sept. 10.
Automobile. H. A. Darrin. 120,482; May 14.
Automobile. N. B. Geddes. 123,616; Nov. 19.
Automobile. L. E. Gilligan. 118,973; Feb. 13.
Automobile. R. C. Johnson. 122,547; Sept. 10.
Automobile body. W. L. Morrison. 120,013; Apr. 16.
Ax and wrecking tool, Combination fireman's. E. B. Arnsbarger. 120,609; May 21.
Ax or similar hand tool. W. W. Rector. 118,482; Jan. 9.
Ax or similar hand tool. W. W. Rector. 122,100; Aug. 20.
Baby walker. C. T. De Puy. 119,382; Mar. 12.
Badge. R. R. Appleby. 123,071; Oct. 15.
Badge. M. Meyers. 124,323; Dec. 31.
Badge. F. X. Phelan. 119,187; Feb. 27.
Badge, or similar article. S. M. Decker and N. H. Beard. 121,385; July 9.
Badge or similar article. O. A. Doob. 122,009; Aug. 20.
Bag. L. Jaffe. 121,413; July 9.
Bag, Clother-pin. E. D. Abbott. 123,195 · Oct. 22.
Bag, Combined hand and utility. R. Lobel. 121,651; July 23.
Bag, Cosmetic. J. Levy, 122,167; Aug. 27.
Bag for motorcycles or the like, Saddle. J. Buegeleisen. 122,733; Sept. 24.
Bag, Luggage. J. N. Hinson. 123,400; Nov. 5.
Bag or similar article. S. Dorée. 118,430; Jan. 2.
Bag package or similar article. H. O. Irmscher. 118,424; Jan. 2.
Bag or similar article, Sachet. O. S. Garry. 119,897–900; Apr. 9.
Bag or similar article, Sachet. O. S. Garry. 121,228; June 25.
Bag or similar article, Syringe. E. M. Roberts. 123,681; Nov. 26.
Bag or similar container. E. T. Frisk. 122,865; Oct. 1.
Bag, Traveling. M. B. Shwayder. 119,850; Apr. 9.
Bag, Vanity. M. P. Collester. 123,667; Nov. 26.
Bait, Artificial. F. A. Phelps. 122,028; Aug. 20.
Bait, Fish. K. Curtis. 120,988; June 11.
Bait, Fish. F. E. Nichols. 121,694; July 30.
Bait pennant. K. Curtis. 123,498; Nov. 12.
Ball cock. A. C. Arbogast. 119,583; Mar. 26.
Bank, Coin. L. B. Johnstone. 124,314; Dec. 31.
Bank, Savings. E. Brann. 120,635; May 21.
Bank, Toy. A. E. Sierad. 119,967; Apr. 16.
Bar, Back. H. L. Brand. 123,470; Nov. 12.
Bar, Back. P. L. Hatfield. 123,352; Oct. 29.
Bar or similar article. I. I. Silverman. 118,456; Jan. 9.
Bar, Push. E. R. Erickson. 118,619; Jan. 23.
Barrette. S. Behr. 122,380; Sept. 10.
Barrette. L. J. Gagnon. 119,979; Apr. 16.

Barrette. D. D. Whyte. 119,082; Feb. 20.
Base for a drink mixer. B. E. Lawrence. 120,225; Apr. 30.
Base for a floral basket or similar article. R. M. Koch. 120,991; June 11.
Base for a skirt marker or the like. M. Ingwer. 124,100; Dec. 17.
Base for a table centerpiece. E. E. Hornung. 123,596; Nov. 19.
Base for railway crossings. B. C. Monroe. 123,507; Nov. 12.
Base for recording thread brush or the like. R. E. Fulton, Jr. 122,287; Sept. 3.
Basket. H. N. Stoehr. 118,676–7; Jan. 23.
Basket or similar container. J. Ziska. 120,794; May 28.
Basket, Sachet. T. F. Bagshaw. 118,636; Jan. 23.
Basket, Serving. J. D'Arcy. 119,955; Apr. 16.
Basket, Sewing. C. D. Langenbacher. 120,034; Apr. 16.
Bath and shower cabinet, Combined portable. A. S. Greth. 122,682; Sept. 24.
Bath attachment for bird cages. C. W. Johnson. 120,620; May 21.
Bath, Foot. O. B. Carson. 120,213–14; Apr. 30.
Bath, Hot oil finger. F. L. Newman. 118,830; Feb. 6.
Bathtub. L. H. Goeltz. 118,371; Jan. 2.
Bathtub. J. R. Morgan. 118,644; Jan. 23.
Bathtub or similar article. W. C. Wendland. 119,528; Mar. 19.
Bathing suit. M. Solomon. 121,239; June 25.
Battery box. R. Le Clercq. 119,595; Mar. 26.
Battery charger. A. C. Fletcher. 122,482; Sept. 10.
Battery charger. W. J. Quirk. 122,945; Oct. 8.
Battery selector. E. C. Thompson. 122,806; Oct. 1.
Battery servicer. R. L. Reeves. 121,019; June 11.
Battery tester. L. A. Blazey. 120,523–4; May 14.
Battery vent plug, Storage. O. B. Carson. 120,154–5; Apr. 23.
Battery vent plug, Storage. O. B. Carson. 121,949; Aug. 13.
Bead or similar article. M. H. Tang. 121,024; June 11.
Beater and mixer, or similar article, Combined culinary. R. Bernhardt. 122,155; Aug. 27.
Beater for eggs, cream, or the like. M. J. Zimmer. 120,771; May 28.
Beater for mixing machines. M. R. Anstice. 119,841–2; Apr. 9.
Bedpan. H. Ginnel. 122,636; Sept. 17.
Bell, Dinner. H. O. Cornwall. 120,255; Apr. 30.
Belt, Pocketed. J. Buegeleisen. 121,443; July 9.
Belt or similar article. S. Holstein. 121,956; Aug. 13.
Belting for personal wear or similar article. J. R. Craighead. 121,455; July 9.
Bench and cabinet or similar article, Combined work. A. P. Fox and A. D. Reisert. 123,399; Nov. 5.
Bench and cabinet or similar article, Combined work. W. A. Kent. 122,296; Sept. 3.
Bench and table, Combined. C. C. Tabb. 122,174; Aug. 27.
Bicycle. V. Schreckengost. 123,574–7; Nov. 19.
Bicycle. W. D. Teague. 121,106; June 18.
Bicycle frame. J. R. Alexander. 118,611; Jan. 23.
Bicycle frame. J. R. Alexander. 122,812; Oct. 1.
Bicycle handle bar extension stem. R. L. Pawsat. 120,650; May 21.
Billboard. R. W. Barbour. 121,629; July 23.
Billfold. W. W. Hoople. 124,194; Dec. 24.
Billfold. W. H. St. Thomas. 123,328; Oct. 29.
Billfold. J. Schwalbe. 122,033; Aug. 20.
Billfold. S. Smallman. 118,868; Feb. 6.
Billfold and coin holder, Combined. L. Seamon. 123,302; Oct. 29.
Bird bath. C. E. Gautschi. 120,005; Apr. 16.
Bit, Drill. M. Hokanson. 118,877; Feb. 6.
Blade, Culinary cutting. J. A. Waller. 120,390; May 7.
Blade for a kitchen knife or the like, Combination. W. H. Hurlin and W. H. Rosenthal. 124,313; Dec. 31.
Blade, Surgical. M. Maltz. 119,635; Mar. 26.
Blanket, Baby. B. Cobb. 122,387; Sept. 10.
Blind, Venetian. M. Schrack. 124,082; Dec. 17.
Block for carrying advertising matter, Souvenir. T. K. Podwyszynski. 123,274; Oct. 29.
Block, Saw setting. F. W. Wilson. 119,331; Mar. 5.
Blotter and holder therefor, Combined. J. Komorous. 121,475; July 16.
Blotter and stamp moistener, Combined rocking. H. O. Mitchell and L. Oppenheimer. 123,815; Dec. 3.
Blouse. I. Abzug. 118,895; Feb. 6.
Blouse. M. K. Breslauer. 118,896; Feb. 6.
Blouse. I. Kraunz. 123,128; Oct. 15.
Blouse. A. R. Salzenstein. 122,972; Oct. 8.
Blouse. B. Shander. 118,965; Feb. 13.
Blouse. B. Shander. 121,056; June 11.
Blouse or similar article. L. Kliban. 118,806; Jan. 30.
Blouse or similar article, Knitted. H. Boepple. 120,417; May 7.
Board, Display. T. Mungen. 122,801; Oct. 1.
Board, Game. L. Kuchin, Jr. 120,486; May 14.
Boat. F. R. Greene. 124,128; Dec. 17.
Boat. A. Saunders. 121,214; June 25.
Boat, Passenger. W. E. Hogreff. 123,501; Nov. 12.
Body attached propulsion unit. M. Fischer. 121,067; June 18.
Body for an artificial bait. F. A. Phelps. 122,027; Aug. 20.
Boiler. P. W. Vandenberg and E. W. Enthof. 119,567–8; Mar. 19.
Bolero. R. O. Green. 122,082; Aug. 20.
Bolero, Fur. W. Mitchell. 120,047; Apr. 16.
Bolero, Fur. W. Mitchell. 120,099; Apr. 16.
Bonnet, Sport. A. A. Nu Dell. 121,457; July 9.
Book end. E. C. Evans. 124,065; Dec. 17.
Book end. J. G. Kaufman. 122,165; Aug. 27.
Book end and pencil holder or similar article, Combined. G. S. Dolgorukov. 118,410; Jan. 2.
Book end or similar article. B. E. Bristol. 119,608; Mar. 26.
Boot. W. E. Justin. 121,790; Aug. 6.
Boot or similar article. H. Parker. 119,396; Mar. 12.
Boot, Transparently topped rubber. B. Donner. 123,668; Nov. 26.
Booth, Confectionery. E. R. Rogers. 121,794; Aug. 6.
Booth, Control panel. H. F. Spencer. 122,150; Aug. 27.
Bottle. S. P. Benjamin, Jr. 121,802; Aug. 6.
Bottle. H. C. Berkowitz. 120,538; May 14.
Bottle. L. Carey. 123,204; Oct. 22.
Bottle. L. J. Colwell. 124,016–7; Dec. 17.
Bottle. R. H. Dallas. 119,801; Apr. 2.
Bottle. D. Deskey. 123,903; Dec. 10.
Bottle. J. L. Dunnock. 120,804; May 28.
Bottle. E. L. Du Pree. 118,593; Jan. 16.
Bottle. E. L. Du Pree. 121,367–9; July 9.
Bottle. J. M. Foster. 120,750; May 28.
Bottle. B. D. Fuerst. 120,806; May 28.
Bottle. B. D. Fuerst. 123,499; Nov. 12.
Bottle. F. E. Higgins. 119,387; Mar. 12.
Bottle. F. E. Higgins. 120,265; Apr. 30.
Bottle. F. E. Higgins. 120,756; May 28.
Bottle. F. E. Higgins. 123,100; Oct. 15.
Bottle. M. B. King. 121,419; July 9.
Bottle. W. Kunz. 121,514; July 16.
Bottle. W. R. Leach. 119,088–9; Feb. 20.
Bottle. W. R. Leach. 121,959; Aug. 13.
Bottle. P. G. Lloyd. 123,621; Nov. 19.
Bottle. R. Loewy. 121,191; June 25.
Bottle. A. I. Lorenzen. 119,658; Mar. 26.
Bottle. A. I. Lorenzen. 122,899; Oct. 8.
Bottle. W. H. Meyer. 118,862; Feb. 6.
Bottle. C. F. Miles. 122,338; Sept. 3.
Bottle. A. Munzer. 122,713; Sept. 24.
Bottle. E. J. Murray. 123,103; Oct. 15.
Bottle. M. E. Nagle. 124,328; Dec. 31.
Bottle. F. Neuschaefer. 123,235; Oct. 22.
Bottle. O. S. Parker. 120,677; May 21.
Bottle. F. E. Parsons. 122,185; Aug. 27.
Bottle. R. Robert. 121,286; July 2.
Bottle. W. S. Service. 124,394; Dec. 31.
Bottle. C. S. Sheeran. 122,323; Sept. 3.
Bottle. F. Smith. 123,631; Nov. 19.
Bottle. F. W. Smith. 121,289; July 2.
Bottle. J. Sochurek. 120,558; May 14.
Bottle. J. S. Steelman. 121,426; July 9.
Bottle. N. F. Steuer. 120,147; Apr. 23.
Bottle. G. Wilmet. 120,769; May 28.
Bottle and closure cap, Combined. F. McIntosh. 118,381; Jan. 2.
Bottle and closure therefor, Combined. W. Nassour. 120,917; June 4.
Bottle and holder therefor, Combined perfume. J. E. Vivaudou and H. G. Lubin. 123,439; Nov. 5.
Bottle and pedestal therefor, Combined. A. R. Botham. 124,378; Dec. 31.
Bottle and sachet pads display, and transparent container therefor, Combined perfume. F. Samuels. 118,839; Feb. 6.
Bottle and stopper, Combined. H. A. Markus. 122,900; Oct. 8.
Bottle and stopper therefor, Combined. F. E. Ansell. 124,054; Dec. 17.
Bottle and stopper therefor, Combined. F. E. Higgins. 119,304; Mar. 5.
Bottle and stopper therefor, Combined perfume. E. O. Douglas. 122,584; Sept. 17.
Bottle breaker and cap remover, Combined. F. J. Vesce. 124,430; Dec. 31.
Bottle collar or the like. L. P. Neher. 120,941; June 4
Bottle display and holder therefor, Combined. E. J Korda. 120,125; Apr. 23.
Bottle, Glass. L. J. Kihn. 120,422; May 7.
Bottle, Glass. L. J. Kihn. 120,813; May 28.
Bottle, Glass. L. J. Kihn. 120,989; June 11.
Bottle, Glass. R. D. Lindsey. 124,389; Dec. 31.
Bottle, Glass. J. H. Meier, Jr. 120,271; Apr. 30.
Bottle, Milk. N. E. H. Deletzke. 119,303; Mar. 5.
Bottle, Milk. T. D. Lewis. 118,500; Jan. 9.
Bottle, Milk. J. B. Neal. 120,425; May 7.
Bottle, Milk. R. W. Niver. 122,058; Aug. 20.
Bottle, Milk. C. E. Pope. 120,555; May 14.
Bottle, Milk. W. C. Teunisz. 123,965; Dec. 10.
Bottle, Milk. W. C. Teunisz. 124,122; Dec. 17.
Bottle, Milk. L. J. Weatherwax. 122,579; Sept. 17.
Bottle or similar article. S. C. Calhoun. 121,270; July 2.
Bottle or similar article. T. D'Addario. 120,663; May 21.
Bottle or similar article. K. C. Fay. 120,668; May 21.
Bottle or similar article. M. S. Ireys. 120,846–7; May 28.

Bottle or similar article. M. W. Lowenstein; 120,624–5; May 21.
Bottle or similar article. H. R. McDonald. 119,524; Mar. 19.
Bottle or similar article. J. S. Steelman. 120,277; Apr. 30.
Bottle or similar article. J. Von Miklos. 121,604; July 23.
Bottle or similar article, Beverage. R. A. Vogel, N. J. Mulligan, and F. H. Vogel. 121,707; July 30.
Bottle or similar article, Perfumery. H. H. Harris. 120,672; May 21.
Bottle or similar article, Water. M. M. Smith and E. M. Roberts. 118,457; Jan. 9.
Bottle or similar article, Water. M. M. Smith. 121,601; July 23.
Bottle or similar container. C. K. Marcell. 121,994; Aug. 20.
Bottle or similar container. G. Miller, Jr. 121,927; Aug. 13.
Bottle or the like, Perfume. B. H. Ogden. 120,426; May 7.
Bottle, Perfume. G. Grunberg. 119,386; Mar. 12.
Bottle, Perfume. G. Grunberg. 119,781; Apr. 2.
Bottle, Perfume. G. Grunberg. 124,025; Dec. 17.
Bottle, Perfume. W. R. Hauptman. 121,070; June 18.
Bottle pourer and cap therefor, Combined. J. H. Reinfeld. 123,467; Nov. 5.
Bottle, sachet balls, and container therefor, Combined perfume. J. E. Vivaudou and H. G. Lubin. 120,415; May 7.
Bottle stopper, Removable. F. E. Fender. 121,807; Aug. 6.
Bowpipe tip. E. P. Jones. 119,473; Mar. 12.
Bow-tie advertising novelty. O. C. Beavers. 121,607; July 23.
Bowl. E. W. Fuerst. 119,587; Mar. 26.
Bowl. E. W. Fuerst. 119,614; Mar. 26.
Bowl. E. W. Fuerst. 121,588; July 23.
Bowl. C. Sawyer. 122,173; Aug. 27.
Bowl and dish or article of similar nature, Combination glass dessert. A. H. Nicholson. 120,244; Apr. 30.
Bowl and tray, Combined relish. H. W. Lormor. 118,905; Feb. 6.
Bowl, Closet. H. R. Van Sciver. 119,871; Apr. 9.
Bowl for lighting fixtures. T. W. Rolph. 123,765; Dec. 3.
Bowl, Knitting or sewing. W. J. Hamilton, Jr. 120,296; Apr. 30.
Bowl or analogous article. G. Muller. 122,782; Oct. 1.
Bowl or similar article. E. W. Fuerst. 119,746; Apr. 2.
Bowl or similar article. L. Guild. 119,166; Feb. 27.
Bowl or similar article. L. Guild. 120,219; Apr. 30.
Bowl or similar article. O. Mankki. 120,128; Apr. 23.
Bowl or similar article. R. A. May. 119,279; Mar. 5.
Bowl or similar article. R. A. May. 120,227; Apr. 30.
Bowl or similar article. R. A. May. 120,348; May 7.
Bowl or similar article. W. O. Prouty. 120,513; May 14.
Bowl or similar article. W. O. Prouty. 122,414; Sept. 10.
Bowl or similar article, Centerpiece. R. R. Kostellow. 121,119; June 18.
Bowl or similar article, Flower. W. O. Prouty. 120,872; June 4.
Bowl, or similar article, Flower. W. O. Prouty. 124,201–2; Dec. 24.
Bowl or similar article, Torchère. J. T. Sheerer. 119,821–2; Apr. 2.
Bowl or similar article, Torchère. J. T. Sheerer. 120,022; Apr. 16.
Bowl, Plant. J. Munz. 119,982; Apr. 16.
Bowl, Salad. H. L. Steinhilber. 122,576; Sept. 17.
Bowl, Tom and Jerry. K. Kame. 119,884; Apr. 9.
Bowling alley. E. J. Collins. 120,117; Apr. 23.
Bowling alley service unit or similar article. A. L. Henkel and B. M. Ewing. 121,276; July 2.
Box. G. D. Atwood. 123,095; Oct. 15.
Box. W. Engel. 122,074; Aug. 20.
Box. J. M. Gleason. 120,158; Apr. 23.
Box. F. McIntosh. 119,669; Mar. 26.
Box. F. McIntosh. 122,318; Sept. 3.
Box. H. S. Messersmith. 124,040; Dec. 17.
Box and base therefor, Combined. F. McIntosh. 118,501; Jan. 9.
Box and base therefor, Combined. F. McIntosh. 124,234; Dec. 24.
Box and house number plate, Combination mail. N. L. Poole. 118,711; Jan. 30.
Box and scoop, Combined. H. Worth and M. D. Goldsmith. 123,940; Dec. 10.
Box and tray for holding suppositories or the like, Combination. E. W. Broemmelsiek. 121,947; Aug. 13.
Box, Bread. W. Garten. 118,933; Feb. 13.
Box, Cigar. A. A. Schwarz. 120,557; May 14.
Box, Dispensing. A. J. Stephens. 121,936; Aug. 13.
Box, Display. R. A. Nagle. 119,173; Feb. 27.
Box, Display. J. F. Rioux. 119,599; Mar. 26.
Box, Display. A. Rous. 120,873; June 4.
Box, Flower. I. Craven. 120,216; Apr. 30.
Box for jewelry or the like, Display. J. G. Allen. 121,463; July 16.
Box for jewelry or the like, Display. J. G. Allen. 122,152; Aug. 27.
Box for neckwear, handkerchiefs, boutonnieres, or the like, Display. B. Shapiro. 122,930; Oct. 8.
Box, Lifting top book. W. J. Bargen. 123,010; Dec. 17.
Box, Lunch. H. M. Piker. 122,029; Aug. 20.
Box, Mail. W. B. Driver. 118,696; Jan. 30.
Box opener or the like, Paper. E. T. Myers. 118,709; Jan. 30.
Box or similar article. W. B. Golovin. 124,097; Dec. 17.
Box or similar article. R. A. May. 121,995; Aug. 20.
Box or similar article, Cigarette. L. Guild. 118,558; Jan. 16.
Box or similar article, Cigarette. L. Guild. 120,404; May 7.
Box or similar article, Display. M. Miller. 121,395; July 9.
Box or similar article, Jewelry. J. Mautner. 123,838; Dec. 3.
Box or similar article, Necktie. G. B. Patterson. 121,878; Aug. 13.
Box or similar container. C. F. Friedrich. 120,460; May 7.
Box or similar container. L. A. Trevisan. 118,870; Feb. 6.
Box or similar container. L. A. Trevisan. 118,893; Feb. 6.
Box or similar container. L. A. Trevisan. 118,920; Feb. 6.
Box or similar container. L. A. Trevisan. 120,746; May 28.
Box, Powder. S. Fink. 122,921; Oct. 8.
Box, Powder. R. Guerlain. 119,665; Mar. 26.
Box, Ring. W. B. Petzold. 121,879; Aug. 13.
Box, sachets, and container therefor, Combined perfume. J. E. Vivaudou and H. G. Lubin. 123,516; Nov. 12.
Box, Stationery art. W. J. Bargen. 123,610; Nov. 19.
Box, Storage battery. A. G. Phelps and F. G. Stickel. 118,389; Jan. 2.
Box, Storage battery. A. G. Phelps and F. G. Stickel. 118,755; Jan. 30.
Box, Wall. M. J. Binks. 121,362; July 9.
Bracelet. A. Katz. 122,601; Sept. 17.
Bracelet. A. Katz. 123,209; Oct. 22.
Bracelet. L. C. Mark. 122,086; Aug. 20.
Bracelet. A. Philippe. 120,590; May 14.
Bracelet. A. Philippe. 120,593; May 14.
Bracelet. A. Philippe. 120,896–7; June 4.
Bracelet. A. Philippe. 121,732; July 30.
Bracelet. A. Philippe. 121,859; Aug. 6.
Bracelet. A. Philippe. 122,207; Aug. 27.
Bracelet. A. Philippe. 123,168; Oct. 22.
Bracelet. H. Reinstein. 119,188; Feb. 27.
Bracelet. V. Silson. 124,396–7; Dec. 31.
Bracelet and watch, Combined. M. I. Koven. 123,888; Dec. 10.
Bracelet and watch, Combined. W. M. Welling. 119,192; Feb. 27.
Bracelet end member. M. Anderson. 120,292; Apr. 30.
Bracelet or similar article. F. Cusumano. 118,403; Jan. 2.
Bracelet or similar article. P. E. Flato. 123,206; Oct. 22.
Bracelet or similar article. P. E. Flato. 123,222; Oct. 22.
Bracelet or similar article. L. Garfinkel. 123,082; Oct. 15.
Bracelet or similar article. L. Garfinkel. 123,109; Oct. 15.
Bracelet or similar article. W. W. Hobé. 123,207–8; Oct. 22.
Bracelet or similar article. A. Katz. 121,208; June 25.
Bracelet or similar article. J. B. Mann. 118,378; Jan. 2.
Bracelet or similar article. J. Rappaport. 119,556; Mar. 19.
Bracelet or similar article. V. Silson. 123,924; Dec. 10.
Bracelet or similar article. B. Unger. 123,719; Nov. 26.
Bracelet or the like, Watch. C. H. Kestenman. 123,431; Nov. 5.
Bracelet or the like, Watch. L. E. Pitman. 121,917; Aug. 13.
Bracelet, Watch. J. Sand. 123,684; Nov. 26.
Bracket and latch for hair driers, Combined. A. Madaras. 121,142; June 18.
Bracket and mirror, Combined wall. H. G. Blomgren. 122,679; Sept. 24.
Bracket and vase, Combined. L. A. Lindey. 120,623; May 21.
Bracket, Automobile defroster fan. W. W. Wittie. 122,612; Sept. 17.
Bracket for conveyors or the like, Idler. J. J. Fairbairn. 120,667; May 21.
Bracket, Merchandising display. C. E. Drake. 120,879; June 4.
Bracket, Screen and storm sash. M. Marquette. 123,484; Nov. 12.
Bracket, Towel bar. M. S. Desser. 120,972; June 11.
Bracket, Wall. G. Rebechini. 124,042–3; Dec. 17.
Braid or similar article. J. Uziel. 118,395–6; Jan. 2.
Braid, Stretchable. M. S. Mindell. 120,890; June 4.
Brake actuator or similar article. C. S. McCarthy. 121,122; June 18.
Brake lever. R. A. Sandberg. 121,600; July 23.
Brake lever or similar article, Hand. H. S. Jandus. 121,592; July 23.
Brake lever or similar article, Hand. R. A. Sandberg. 120,111. Apr. 23.

Branch or arm for candelabra, Combination. A. Kowalsky. 120,835; May 28.
Brassière or similar article. L. J. A. Amyot. 119,684; Mar. 26.
Brassière or similar article. M. Bienenfeld. 120,308; Apr. 30.
Brassière or similar article. E. Greene. 122,743; Sept. 24.
Brassière or similar article. B. Lewis. 121,645; July 23.
Brassière or similar article. S. Katz. 121,680–1; July 30.
Brassière, or the like. M. Fieldseth. 121,726; July 30.
Bridge for an ophthalmic mounting. T. R. Uhlemann. 122,280; Sept. 3.
Broiler, Electric. J. Fletcher. 123,531; Nov. 12.
Broiler, Electric. J. M. Majewski, Jr. 121,493; July 16.
Broiler, Electric. J. M. Majewski, Jr. 122,128; Aug. 27.
Broiler or the like, Electric. H. E. Brannon. 119,607; Mar. 26.
Brooch. G. M. Carson. 120,906; June 4.
Brooch. L. Silverfield. 123,468; Nov. 5.
Brooch. L. Silverfield. 124,208; Dec. 24.
Brooch and flower holder, Combined. V. Silson. 121,482; July 16.
Brooch and locket, Combined. V. Silson. 120,174; Apr. 23.
Brooch or similar article. J. Berenzweig. 123,710; Nov. 26.
Brooch or similar article. M. E. Brown. 122,333; Sept. 3.
Brooch or similar article. J. Hirsch. 123,163; Oct. 22.
Brooch or similar article. P. Israel and T. C. Steinman. 123,654; Nov. 19.
Brooch or similar article. E. M. Kafka. 122,548; Sept. 10.
Brooch or similar article. A. Katz. 119,308–9; Mar. 5.
Brooch or similar article. A. Katz. 120,124; Apr. 23.
Brooch or similar article. A. Katz. 120,381; May 7.
Brooch or similar article. A. Katz. 121,209; June 25.
Brooch or similar article. A. Katz. 121,349; July 2.
Brooch or similar article. A. Katz. 122,436; Sept. 10.
Brooch or similar article. A. Katz. 122,438; Sept. 10.
Brooch or similar article. A. Katz. 122,440–3; Sept. 10.
Brooch or similar article. A. Katz. 122,550; Sept. 10.
Brooch or similar article. A. Katz. 123,165–6; Oct. 22.
Brooch or similar article. M. Le Brun. 122,617; Sept. 17.
Brooch or similar article. J. H. Leff. 123,211; Oct. 22.
Brooch or similar article. S. MacNeil. 120,170; Apr. 23.
Brooch or similar article. L. C. Mark. 121,913; Aug. 13.
Brooch or similar article. L. Mazer. 123,910–2; Dec. 10.
Brooch or similar article. C. E. Pauzat. 120,942; June 4.
Brooch or similar article. A. Philippe. 121,943–5; Aug. 13.
Brooch or similar article. A. Philippe. 122,203; Aug. 27.
Brooch or similar article. A. Philippe. 122,299–300; Sept. 3.
Brooch or similar article. A. Philippe. 122,321; Sept. 3.
Brooch or similar article. A. Philippe. 122,826; Oct. 1.
Brooch or similar article. A. Philippe. 123,179; Oct. 22.
Brooch or similar article. A. Philippe. 123,273; Oct. 29.
Brooch or similar article. H. Reinstein. 120,693; May 21.
Brooch or similar article. F. A. Robinson, Jr. 124,044; Dec. 17.
Brooch or similar article. J. Rodriguez. 120,452–4; May 7.
Brooch or similar article. J. Rodriguez. 120,839; May 28.
Brooch or similar article. V. Silson. 121,402–3; July 9.
Brooch or similar article. V. Silson. 123,658–9; Nov. 19.
Brooch or similar article. V. Silson. 123,820–2; Dec. 10.
Brooch or similar article. V. Silson. 123,823–4; Dec. 3.
Brooch or similar article. V. Silson. 123,846–50; Dec. 3.
Brooch or similar article. V. Silson. 124,114–6; Dec. 17.
Brooch or similar article. V. Silson. 124,276–7; Dec. 24.
Brooch or similar article. V. Silson. 124,401; Dec. 31.
Brooch or similar article. V. Silson. 124,415–16; Dec. 31.
Brooch or similar article. C. Silverman. 122,101; Aug. 20.
Brooch or similar article. T. C. Steinman. 124,279; Dec. 24.
Brooch or similar article. G. Verrecchio. 120,979; June 11.
Brooch or similar article. G. Verrecchio. 121,109; June 18.
Brooch or similar article. G. Verrecchio. 121,487; July 16.
Brooch or similar article. G. Verrecchio. 121,735; July 30.
Brooch or similar article. M. Weeber. 124,125; Dec. 17.
Brooch or similar article. S. E. Weinreich. 122,619; Sept. 17.
Brooch or similar article. L. Wise. 121,215; June 25.
Brooch or similar article. J. Wuyts. 118,888; Feb. 6.
Brooch or similar article of jewelry. G. S. Erskine. 119,978; Apr. 16.
Brooch or similar article of jewelry. E. Foret. 122,015; Aug. 20.
Brooch or similar article of jewelry. I. Z. Joyce. 120,621; May 21.
Brooch or the like. M. Boucher. 119,649; Mar. 26.
Brooch, Perfume containing. R. Dopyera. 121,609; July 23.
Brooch pin or similar article. A. Horwig. 119,666; Mar. 26.
Brooch pin or similar article. V. Primavera. 121,372–4; July 9.
Brooch, Separable. A. Katz. 122,485; Sept. 10.
Brush. F. R. Weber. 120,843; May 28.
Brush and comb, Combined. A. Agnello. 124,377; Dec. 31.
Brush and comb, Combined. D. Hertzberg. 123,430; Nov. 5.
Brush back and comb, Combined toilet. J. Stampleman and J. Davis. 122,829; Oct. 1.
Brush for Venetian blinds, Dust. G. M. Marks and F. W. Carstens. 122,411; Sept. 10.
Brush, Fountain lip. J. L. Younghusband. 124,190; Dec. 24.
Brush, Hair. W. C. Bird. 121,946; Aug. 13.
Brush, Hair. L. H. Gustafson. 121,092; June 18.
Brush, Hair. F. K. Weber. 118,422; Jan. 2.
Brush, Scouring. M. H. Partridge. 119,028; Feb. 13.
Brush, Shaving. I. Florman. 119,914; Apr. 9.
Brush, Type cleaning. R. B. Foster. 121,539; July 16.
Bucket, Drag line. J. W. Hendrix. 121,812; Aug. 6.
Bucket, Scrub. F. E. Groves. 119,327; Mar. 5.
Bucket, Shovel. C. W. Kimler, Sr. 118,942; Feb. 13.
Bucket, Shovel. C. W. Kimler, Sr. 120,685; May 21.
Buckle. T. H. Colnes. 123,025; Oct. 8.
Buckle. J. B. Freysinger. 120,218; Apr. 30.
Buckle. H. Ganz. 120,730; May 28.
Buckle. H. Ganz. 121,808; Aug. 6.
Buckle. H. Ganz. 123,031; Oct. 8.
Buckle, Belt. J. L. Bibula. 118,926; Feb. 13.
Buckle, Belt. W. Mandler. 124,419; Dec. 31.
Buckle or similar article. H. Ganz. 121,471–2; July 16.
Buckle or similar article. D. Greenbaum. 122,115; Aug. 27.
Buckle, Slide. D. I. Reiter. 121,618; July 23.
Buffer, Door. E. Gjeruldsen. 121,568; July 23.
Building. H. B. Beidler. 118,551; Jan. 16.
Building. E. D. Davis. 119,740; Apr. 2.
Building. R. E. Foster. 120,928; June 4.
Building. L. C. Franco. 121,387; July 9.
Building. M. H. Kurkjian. 123,457–8; Nov. 5.
Building. W. C. Pahlmann and C. Hornbistel. 123,680; Nov. 26.
Building. H. J. Sandin and H. H. Halt. 121,213; June 25.
Building. P. R. Scheerer. 120,629; May 21.
Building. A. M. Scheider. 121,100; June 18.
Building. D. G. Terrie. 121,107; June 18.
Building block. F. Bebar. 119,606; Mar. 26.
Building, Gasoline service station. P. E. Thomason. 123,640; Nov. 19.
Building or similar articles, Restaurant. J. F. Dobben. 123,220; Oct. 22.
Bulb and carton therefor, Combined insecticide ejector. B. N. Forrest and H. D. Bell. 119,333; Mar. 5.
Bulb, Electric flash. L. F. Anderson. 122,429; Sept. 10.
Bulb or similar article, Cathode ray tube. R. M. Bowie. 122,613; Sept. 17.
Bumper. J. Oswald. 119,809; Apr. 2.
Bumper. O. C. Warner. 122,427; Sept. 10.
Bumper, Head lamps and license plate holder, Combined. W. W. Aché. 120,209; Apr. 30.
Bumper-objective for a ball rolling game apparatus. H. E. Williams and L. A. Durant. 122,810; Oct. 1.
Bumper or similar article, Automobile. D. S. Devor. 121,066; June 18.
Bureau, bed, and bookcase, Combined. H. L. Mash and H. P. Gould. 118,982; Feb. 13.
Burner control unit, Light-sensitive oil. F. E. Herr. 123,693; Nov. 26.
Burner head. R. E. Schoenberger. 122,149; Aug. 27.
Burner, Oil. F. E. Herr. 121,071; June 18.
Burner, Oil. F. E. Herr. 122,295; Sept. 3.
Burner, Oil. B. S. Williams. 120,768; May 28.
Button. S. R. Borel. 122,764; Oct. 1.
Button. N. O. Broderson. 120,211; Apr. 30.
Button. C. W. Dawson. 124,247; Dec. 24.
Button. S. Holstein. 118,608; Jan. 16.
Button. S. Holstein. 120,506–7; May 14.
Button. S. Holstein. 122,267; Sept. 3.
Button. H. Lorber. 121,393; July 9.
Button. E. L. Pitkin. 120,651; May 21.
Button, Horn ring. G. F. Bahr. 120,210; Apr. 30.
Button, Lapel. F. W. Carlson. 119,737; Apr. 2.
Button, Lapel. J. G. Wegman. 122,040; Aug. 20.
Button or similar article. M. L. Aaronson. 118,423; Jan. 2.
Button or similar article. M. Berkman. 121,803; Aug. 6.
Button or similar article. W. Haas. 123,881; Dec. 10.
Button or similar article. H. Newman. 118,628; Jan. 23.
Cabinet, Amusement machine. E. F. Wheeler. 119,414; Mar. 12.

Cabinet and table, Combined. M. Langius. 123,322; Oct. 29.
Cabinet, Automotive merchandising service. A. P. Fox and A. D. Reisert. 119,063; Feb. 20.
Cabinet, Automotive parts. A. P. Fox and A. D. Reisert. 123,752; Dec. 3.
Cabinet, Battery-charging. C. E. Peters. 121,625; July 23.
Cabinet, Brush. J. M. Nixon. 120,870; June 4.
Cabinet, Combined portable tub and shower. A. S. Greth. 122,018; Aug. 20.
Cabinet, Combined radio and phonograph. F. A. Kolmetz. 118,960–1; Feb. 13.
Cabinet, Combined refrigerating and dispensing. R. M. Cope. 121,673; July 30.
Cabinet, Combination sound and motion picture. S. Freedman. 123,753; Dec. 3.
Cabinet, Cooler. J. G. Carr. 122,079; Aug. 20.
Cabinet, Cooler. R. E. Kruck. 119,592–4; Mar. 26.
Cabinet, Cooler. R. Loewy and A B. Barnhart. 121,392; July 9.
Cabinet, Cup dispensing. S. N. Hope. 123,402; Nov. 5.
Cabinet, Dictating machine. G. F. Braun. 121,583; July 23.
Cabinet, Dictating machine. L. Z. La Firest. 124,273; Dec. 24.
Cabinet, Display. R. C. Adams. 123,826; Dec. 3.
Cabinet, Display. W. H. Harrison. 122,463; Sept. 10.
Cabinet, Display. O. H. Schoenverger and G. M. Lockwood. 119,399; Mar. 12.
Cabinet, Display. L. W. Shields. 120,143; Apr. 23.
Cabinet, Electrical treatment apparatus. J. A. Higgins. 121,955; Aug. 13.
Cabinet for a beverage cooler. D. A. Matot. 121,771; Aug. 6.
Cabinet for a game apparatus. H. E. Williams and L. A. Durant. 123,900; Dec. 10.
Cabinet for a loudspeaker. A. C. Haggstrom. 122,683; Sept. 24.
Cabinet for a loud speaker. H. T. Roberts. 121,023; June 11.
Cabinet for an air conditioning unit or similar article. S. J. Levine. 121,880; Aug. 13.
Cabinet for an amusement apparatus. J. F. Meyer. 120,997; June 11.
Cabinet, for frozen food or the like, Combined display and dispensing. W. McK. Baird. 119,151; Feb. 27.
Cabinet for frozen food or the like, Combined display and dispensing. W. McK. Baird. 120,476; May 14.
Cabinet for hose reel units. A. P. Fox and A. D. Reisert. 124,022; Dec. 17.
Cabinet for lubricating equipment, Wall. A. P. Fox. 123,776; Dec. 3.
Cabinet for phonograph remote control unit. E. E. Collison. 124,440; Dec. 31.
Cabinet for phonograph remote control unit. N. A. Miller. 122,498; Sept. 10.
Cabinet for phonographs or the like. C. B. Stevens. 123,316; Oct. 29.
Cabinet for remote control apparatus. D. C. Rockola. 122,946; Oct. 8.
Cabinet for sound picture machine or the like. E. B. Eckland. 123,473; Nov. 12.
Cabinet for space heaters or the like. G. W. Walker. 121,027–30; June 11.
Cabinet, Gas range. C. T. Donnelly. 118,768; Jan. 30.
Cabinet, Heater. H. M. Reeves. 118,649; Jan. 23.
Cabinet, Kitchen. R. G. Fensch. 122,792; Oct. 1.
Cabinet, Kitchen. R. G. Fensch. 123,052; Oct. 15.
Cabinet, Merchandise display. D. T. Waddell. 119,509; Mar. 19.
Cabinet or similar article. A. Bach. 120,370; May 7.
Cabinet or similar article, Filing. C. Wykel and P. Michel. 119,571; Mar. 19.
Cabinet or similar article, Ice cream dispensing. E. H. Helms. 118,448; Jan. 9.
Cabinet or similar article, Intercommunicating telephone station. A. Stolzenberger, Jr. 121,131; June 18.
Cabinet or similar article, Radio. J. Alazet. 120,392; May 7.
Cabinet or similar article, Refrigerator. R. E. Kruck. 121,323; July 2.
Cabinet or similar article, Refrigerator. J. R. Morgan. 118,645; Jan. 23.
Cabinet or the like. G. L. McCarthy. 119,042; Feb. 20.
Cabinet or the like, Dentist's. J. W. Christensen. 122,717; Sept. 24.
Cabinet, Phonograph. L. J. Andres. 119,989–92; Apr. 16.
Cabinet, Phonograph. D. C. Rockola. 120,397; May 7.
Cabinet, Portable serving. H. Kranz. 122,687; Sept. 24.
Cabinet pull and escutcheon. Combined. E. Borchers. 123,854; Dec. 10.
Cabinet, Punch board display. J. W. Ash. 121,666; July 30.
Cabinet, Radio. R. M. Henderson. 121,858; Aug. 6.
Cabinet, Radio. R. L. Weyhing and P. D. Swibold. 118,874; Feb. 6.
Cabinet, Radio receiver. J. R. Morgan. 123,839; Dec. 3.
Cabinet, Refrigerating. L. F. Clerc. 121,761; Aug. 6.
Cabinet, Refrigerator. D. E. Dailey and H. Van Doren. 118,814; Feb. 6.
Cabinet, Refrigerator. R. B. Janes. 123,883–4; Dec. 10.
Cabinet, Shelving. P. G. Williams and K. C. Welch. 119,582; Mar. 19.
Cabinet, Shooting range. F. E. Shailor, Sr. 123,948; Dec. 10.
Cabinet, Shower. W. W. Hoople. 124,031; Dec. 17.
Cabinet, Steam bath. J. Shumaker. 119,943; Apr. 16.
Cabinet, Tone. L. Hammond. 124,405; Dec. 31.
Cabinet, Utility. L. Greenberg. 119,845; Apr. 9.
Cabinet, Vending. S. Rocklin. 119,050; Feb. 20.
Cabinet, Vending machine. C. Gabrielsen. 118,681; Jan. 23.
Cabinet, Vending machine. C. Gabrielsen. 122,016; Aug. 20.
Cable terminal, Battery. H. W. Eden. 123,589; Nov. 19.
Calculator or similar article. A. W. Crowell, F. L. Merritt, and K. H. Pond. 123,305; Oct. 29.
Calendar and appointment indicator, Combined. T. D. Covert. 121,892; Aug. 13.
Calendar-desk unit, Combination. W. H. Kemp. 119,267; Mar. 5.
Calendar-desk unit, Combination. G. G. Taubert. 124,295; Dec. 24.
Calendar notebook. W. Lampl. 124,233; Dec. 24.
Calendar unit, Combination desk. W. H. Kemp. 123,294; Oct. 29.
Calipers. N. Opotow. 118,832; Feb. 6.
Camera. M. Bressler. 122,008; Aug. 20.
Camera. O. K. Cazin. 120,583; May 14.
Camera. H. Dreyfuss. 121,408; July 9.
Camera. H. O. Drotning. 119,931; Apr. 16.
Camera. F. Gilbert. 120,731; May 28.
Camera. F. A. Robinton. 119,941; Apr. 16.
Camera and illuminating device, Combination. A. J. Kunze. 120,510; May 14.
Camera, Photographic. C. H. Harris. 122,020; Aug. 20.
Camera tripod head. F. R. Howard. 120,642; May 21.
Camera view finder. J. Mihalyi. 123,413; Nov. 5.
Camera view finder. J. Mihalyi. 124,236; Dec. 24.
Camera view finder. J. Mihalyi. 124,324; Dec. 31.
Can, Milk. S. S. Starzec and Y. V. Sims. 118,728; Jan. 30.
Can opener. J. O. Reinecke. 118,947; Feb. 13.
Can perforator. J. A. Kick. 123,599; Nov. 19.
Can punch and dispenser, Combined. F. L. Chamberlain. 119,780; Apr. 2.
Candelabrum or like article. S. E. Soria. 122,700; Sept. 24.
Candelabrum or like article. S. E. Soria. 122,973; Oct. 8.
Candle. C. F. Heeschen. 119,498; Mar. 19.
Candle or the like. E. von Bilkau. 119,507; Mar. 19.
Candle or the like. E. von Bilkau. 119,776; Apr. 2.
Candlestick. A. J. Ackerman. 121,407; July 9.
Candlestick or similar article. O. Mankki. 120,408; May 7.
Canister or similar container. W. Garten. 118,931–2; Feb. 13.
Cap, Automobile radiator. E. Olsson. 120,396; May 7.
Cap, Bottle. J. C. Ehrlich. 124,384; Dec. 31.
Cap, Boy's. M. Greenberg and J. Wax. 124,074; Dec. 17.
Cap, Condiment dispenser. V. Schindelbeck. 120,761–2; May 28.
Cap, Container. P. A. Derham. 124,019–20; Dec. 17.
Cap, Container. P. A. Derham. 124,061; Dec. 17.
Cap, Container. A. H. Jung. 120,461; May 7.
Cap, Container. A. H. Jung. 120,673; May 21.
Cap, Container. A. H. Jung. 121,217–18; June 25.
Cap, Container. A. H. Jung. 121,678; July 30.
Cap, Container. A. H. Jung. 123,502; Nov. 12.
Cap, Container. A. H. Jung. 124,385–6; Dec. 31.
Cap, Container. G. A. Rechlin. 120,451; May 7.
Cap, Electrical connecting. L. Ludwig. 120,463; May 7.
Cap for a collapsible tube. R. B. Osterhoudt. 120,353; May 7.
Cap for containers. L. T. Crabbe. 121,065; June 18.
Cap for dispensing whipped cream or the like. W. W. Hubenet. 118,449; Jan. 9.
Cap for gasoline tank, Locking. S. Wise. 121,970; Aug. 13.
Cap for receptacles, Combined pouring and closing. E. D. Moss. 119,501; Mar. 19.
Cap for skates, Toe. E. L. Burns. 123,258; Oct. 29.
Cap, Jar. E. R. Holdren. 123,648; Nov. 19.
Cap member for a detachable fastener or the like. S. Birnbaum. 120,723; May 28.
Cap remover and screw driver, Combination container. J. B. Smiley. 122,575; Sept. 17.
Capacitor, Electric. G. V. Peck. 122,825; Oct. 1.
Cape, Fur. W. Mitchell. 120,096; Apr. 16.
Car, Juvenile. E. R. Anderson. 120,981; June 11.
Car, Mine shuttle. G. Baechli. 118,612; Jan. 23.
Car or a railway train, Front. O. E. Hyde. 123,226; Oct. 22.
Car or a railway train, Rear. O. E. Hyde. 123,227; Oct. 22.
Card, Display. W. C. McKenna. 118,643; Jan. 23.
Card holder and memorandum tray, Combination. L. J. Seigenberg. 122,471; Sept. 10.
Card or similar article, Display. G. J. Rhodes. 118,836; Feb. 6.
Card, Playing. L. F. Blanco and J. M. De Aragon. 123,380; Nov. 5.
Card, Playing. F. W. Buck. 120,830; May 28.
Cards, Deck of. L. L. Dickman. 123,429; Nov. 5.
Cards, Deck of playing. E. N. Bessling. 119,584; Mar. 26.

Cards, Deck of playing. S. Kermode. 118,977; Feb. 13.
Carpet. P. A. Fryda. 124,310; Dec. 31.
Carpet or similar article. W. O. Dewsbury. 120,832; May 28.
Carpet or similar article. F. A. Haas. 122,354; Sept. 3.
Carpet or similar article. F. A. Haas. 122,820–1; Oct. 1.
Carpet or similar article. H. Kluesing. 119,920; Apr. 9.
Carpet or similar article. A. Oakley. 119,832–4; Apr. 2.
Carpet or similar article. A. Oakley. 124,450; Dec. 31.
Carpet or similar article. G. V. Uihlein. 121,342; July 2.
Carriage for supporting and propelling a tool, such as a blowpipe. F. C. Geibig. 121,091; June 18.
Carriage hood. S. and N. J. Kroll. 123,906–8; Dec. 10.
Carriage hood. S. and N. J. Kroll. 124,429; Dec. 31.
Carrier and rack, Combination tumbler. H. J. Watral. 121,405; July 9.
Carrier, Explosives. W. P. Yant. 121,621; July 23.
Cart, Balloon. J. J. Kelly. 119,759; Apr. 2.
Carton. J. Fraterrigo. 121,068; June 18.
Carton. P. Pierce. 121,196; June 25.
Carton, Combined display and dispensing. E. J. Novak. 120,649; May 21.
Carton, Display. F. K. Formis. 121,046; June 11.
Carton, Display. M. F. McCulloch. 121,594; July 23.
Carton for plastic foods. J. W. Post. 119,205; Feb. 27.
Carton or similar article, Display. V. H. Crate. 123,635; Nov. 19.
Case and appointment indicator, Combination vanity. C. L. Migliaccio. 123,249; Oct. 22.
Case and connector for a hearing aid receiver, Combined. A. L. W. Williams. 118,923; Feb. 6.
Case and holder for a bottle of perfume or the like, Combined. F. E. A. W. Bergaud. 122,251; Sept. 3.
Case and holder for a bottle of perfume or the like, Combined. R. E. A. W. Bergaud. 123,495; Nov. 12.
Case, applicator, and mirror, Combined cosmetic. L. A. Schmucker. 123,237; Oct. 22.
Case, Cigarette. M. A. Vendig. 121,825; Aug. 6.
Case, Clock. L. I. Bruce. 119,372; Mar. 12.
Case, Clock. L. I. Bruce. 122,307–9; Sept. 3.
Case, Clock. O. Ciccarelli. 122,591; Sept. 17.
Case, Clock. N. F. Lockwood. 122,316; Sept. 3.
Case, Clock. J. Martial. 120,012; Apr. 16.
Case, Clock. J. P. Rainbault. 118,834–5; Feb. 6.
Case, Combination pocket. N. A. Mercer. 118,440; Jan. 2.
Case, Combination vanity and lipstick. A. R. Botham. 122,007; Aug. 20.
Case, Counter display. T. A. Schutz. 121,172; June 25.
Case, Display. J. Guttman. 120,221; Apr. 30.
Case, Display. A. P. Siersma. 119,285; Mar. 5.
Case, Display. H. P. Vaughn. 119,647; Mar. 26.
Case, Display. H. P. Vaughn. 122,189; Aug. 27.
Case, Display. M. Weill. 123,069; Oct. 15.
Case for a cigarette lighter. J. B. Federico. 121,991; Aug. 20.
Case for a wrist watch, Display. B. Lazrus. 119,861; Apr. 9.
Case for cigarettes, jewelry, powder and the like. A. Most and J. Fogel. 119,659; Mar. 26.
Case for clocks or similar articles. F. E. Greene. 119,385; Mar. 12.
Case for clocks or similar articles. F. E. Greene. 123,479; Nov 12.
Case for clocks or similar articles. W. K. Sessions. 122,673; Sept. 24.
Case for tape measures. E. J. Witchger. 120,369; May 7.
Case, Key. G. Landberg. 121,515; July 16.
Case, Lipstick. F. McIntosh. 119,043; Feb. 20.
Case, Lipstick. F. McIntosh. 121,249; June 25.
Case, Luggage. A. M. Levin. 123,483; Nov. 12.
Case, Luggage. G. H. Wheary. 119,510; Mar. 19.
Case, Match folder. H. L. Bennett. 121,989; Aug. 20.
Case, Merchandise display. D. T. Waddell. 119,508; Mar. 19.
Case, Metallic suit. R. W. Cantwell. 123,075; Oct. 15.
Case or similar article, Display. M. K. Teach. 119,408; Mar. 12.
Case or similar article, Display merchandiser. W. B. West. 121,440; July 9.
Case or similar article, Eyeglass. S. J. Goldin. 118,934; Feb. 13.
Case or similar article, Gauge. C. H. Graesser and F. H. Hopkins. 120,640; May 21.
Case or similar article, Musical. L. D'Andrea. 119,025; Feb. 13.
Case or similar article, Pillow. N. Robinson. 124,157; Dec. 17.
Case or similar article, Vanity. M. Kotler. 122,272; Sept. 3.
Case or similar article, Vanity. R. F. Landwehr. 118,781; Jan. 30.
Case or similar article, Vanity. F. Spitalny. 119,465; Mar. 12.
Case or similar article, Vanity. F. Spitalny. 122,279; Sept. 3.
Case or similar article, Vanity. D. H. Zell. 119,798; Apr. 2.
Case or the like, Cigarette. A. F. Reilly. 121,078; June 18.
Case, Photographic camera. J. O. Reinecke. 121,022; June 11.
Case, Photographic camera carrying. J. H. McNabb. 122,904; Oct. 8.
Case, Photographic exposure meter. M. G. Townsley. 121,026; June 11.
Case, Piano. R. P. Brasted. 118,812; Feb. 6.
Case, Piano. W. M. Day. 122,816; Oct. 1.
Case, Piano. W. M. Day. 122,918–20; Oct. 8.
Case, Picture viewer. H. Bernzott. 119,648; Mar. 26.
Case, Refrigerated display. L. Blazey. 121,782; Aug. 6
Case, Solution strength indicator. P. W. Soderberg. 124,210; Dec. 24.
Case, Thermometer. A. P. Renner. 123,277; Oct. 29.
Case, Traveling. F. C. Ruppel. 121,619; July 23.
Case unit for an electric razor or the like, Combined demonstrating and display. G. T. Scharfenberg. 123,820; Dec. 3.
Case, Vanity. D. M. Gelberg. 122,721; Sept. 24.
Case, Vanity. P. L. Mann. 121,595; July 23.
Case, Vanity. R. W. Mason. 120,347; May 7.
Case, Vanity. P. H. Pingen. 118,480–1; Jan. 9.
Case, Watch. F. Rieger. 119,558; Mar. 19.
Casing, Autographic register. R. D. Budlong. 121,669; July 30.
Casing, Camera. G. Kende. 120,735; May 28.
Casing, Camera. L. W. Lessler. 119,392; Mar. 12.
Casing, Combined remote controller and loud-speaker. L. J. Andres. 121,177–80; June 25.
Casing, Electric remote controller. L. W. Gillette. 123,692; Nov. 26.
Casing for a blower for defrosting windshields. A. G. Redmond. 118,964; Feb. 13.
Casing for a check writing machine or similar article. W. B. Payne and H. Dreyfuss. 120,529; May 14.
Casing for a combined milk can washer, sterilizer, and drier. W. S. Campbell. 120,542; May 14.
Casing for a projector. I. J. London. 123,298; Oct. 29.
Casing for a suction cleaner or similar article. H. Dreyfuss. 118,618; Jan. 23.
Casing for a suction cleaner or similar article. H. Dreyfuss. 120,726; May 28.
Casing for a therapeutic lamp. F. Wommer. 118,846; Feb. 6.
Casing for a water heater or the like. H. D. Dufault. 119,844; Apr. 9.
Casing for cameras. H. R. Darling. 119,256; Mar. 5.
Casing for chain hoist mechanism or the like. L. V. Guild. 123,083; Oct. 15.
Casing for electrical heating pads. W. Bradford. 122,456; Sept. 10.
Casing for furnaces and stokers. J. G. Rideout. 123,115; Oct. 15.
Casing for horizontal broaching machine. K. C. Monroe. 122,752; Sept. 24.
Casing for measuring instruments. H. Dreyfuss. 119,743; Apr. 2.
Casing for suction cleaners or similar articles. H. Dreyfuss. 119,383; Mar. 12.
Casing, Instrument. C. Karstadt. 119,806; Apr. 2.
Casing, Motion picture projection head. O. Krastel. 118,625; Jan. 23.
Casing or similar article, Fan. L. Guild. 122,943; Oct. 8.
Casing or similar article, Indicator dial. G. E. Ford. 121,189; June 25.
Casing or similar article, Remote control reproducer. L. J. Andres. 119,574; Mar. 19.
Casing, Organ. G. P. Gubbins. 120,754; May 28.
Casing, Parking meter. J. E. Jones. 119,389; Mar. 12.
Casing, Parking meter. F. L. Michaels. 121,302; July 2.
Casing, Pneumatic tire. A. H. Holland. 120,932; June 4.
Casing, Scale. R. Heller. 118,701; Jan. 30.
Casing, Scale. G. Wilson. 121,780; Aug. 6.
Casing, Sewing machine. L. F. Remington. 122,001; Aug. 20.
Casing side wall for a toaster or the like. J. O. Reinecke and J. F. Barnes. 118,452; Jan. 9.
Casing, Spraying apparatus. F. W. Ofeldt. 122,147; Aug. 27.
Casing, Suction cleaner. J. B. Kirby. 120,736; May 28.
Casserole. W. W. Hoople. 122,775; Oct. 1.
Cemetery memorial. R. Baumgarth. 119,520; Mar. 19.
Chain. M. Anderson. 121,086; June 18.
Chain. G. C. Paxton. 124,198; Dec. 24.
Chain or similar article. D. Cooper. 122,431; Sept. 10.
Chain or similar article, Linked. D. Cooper. 120,878; June 4.
Chain or similar article, Linked. D. Cooper. 120,984–6; June 11.
Chain or similar article, Linked. D. Cooper. 122,707; Sept. 24.
Chain or the like, Initial key. E. S. Mix and H. C. Vaisey. 121,212; June 25.
Chair. J. E. Bales. 124,217; Dec. 24.
Chair. W. H. Bond, Jr. 123,901; Dec. 10.
Chair. E. C. Booth. 121,760; Aug. 6.
Chair. G. C. Brainard. 122,226; Aug. 27.
Chair. G. C. Brainard. 123,565; Nov. 19.
Chair. G. C. Brainard. 123,831; Dec. 3.
Chair. R. A. Cramer. 123,259; Oct. 29.
Chair. L. Harman. 120,222; Apr. 30.
Chair. E. J. Houghton. 122,957; Oct. 8.
Chair. E. J. Houghton. 124,032; Dec. 17.
Chair. W. J. Johnson. 121,072; June 18.
Chair. H. W. Kranz. 121,073; June 18.
Chair. M. F. Minard. 119,394; Mar. 12.
Chair. J. H. Page. 119,047–8; Feb. 20.

Chair. J. Popkin. 123,275; Oct. 29.
Chair. I. Salomon. 123,353; Oct. 29.
Chair. W. D. Teague. 118,610; Jan. 16.
Chair. H. S. Wilhite. 121,885; Aug. 13.
Chair. G. Wood. 118,465; Jan. 9.
Chair and cot, Combination. W. A. Moeller. 123,816; Dec. 3.
Chair back. V. Schreckengost. 122,005; Aug. 20.
Chair base. G. C. Brainard. 123,496; Nov. 12.
Chair, Beauty parlor. I. N. and R. C. Duncan. 121,587; July 23.
Chair, High. C. G. Carlson. 119,177; Feb. 27.
Chair, High model foot platform. R. A. and J. F. Cramer. 123,106; Oct. 15.
Chair, Infant's. W. D. Hicks. 122,597; Sept. 10.
Chair, Lounge. W. A. Moeller. 120,131; Apr. 23.
Chair, Metal. W. C. Panzer. 121,543; July 16.
Chair or similar article. L. Larsen. 121,141; June 18.
Chair or similar article. S. A. Rogers. 122,341; Sept. 3.
Chair or similar article. R. and P. Union. 122,730; Sept. 24.
Chair or similar article. R. W. Veit. 122,703; Sept. 24.
Chair or the like. E. F. Crowley. 119,610; Mar. 26.
Chair, Posture. R. A. and J. F. Cramer. 120,215; Apr. 30.
Chair, Posture. R. A., and J. F. Cramer. 120,375; May 7.
Chair seat. V. Schreckengost. 122,004; Aug. 20.
Chaise longue. W. I. Smith. 122,344; Sept. 3.
Charger and tester, Battery. L. A. Blazey. 120,522; May 14.
Chart, Reminder. R. G. Bain. 121,153; June 25.
Chess pieces. S. J. Goldin. 123,570; Nov. 19.
Chess pieces. S. J. Goldin. 123,647; Nov. 19.
Chessmen. H. V. Chase. 120,499; May 14.
Chessmen. G. W. and R. Slater. 123,093; Oct. 15.
Chest, Game. J. H. Horsley. 120,223; Apr. 30.
Chest of drawers or similar article. G. Krick. 118,944; Feb. 13.
Chime, Annunciator. C. L. McMullen. 120,423–4; May 7.
Chime, Signal. L. O. Naylor. 121,285; July 2.
Chip, Poker. V. E. Hofmann. 118,623; Jan. 23.
Cigar lighter, display and stand, Combined. A. S. Weston. 120,980; June 11.
Cigar machine or similar article. H. H. Wheeler and J. P. Durning. 119,210; Feb. 27.
Cigarette dispenser or similar article, Cigarette. F. M. Aimes. 122,706; Sept. 24.
Cigarette extinguisher and ash receiver, Combined. M. M. Circelli. 123,304; Oct. 29.
Cigarette roller. J. H. Fuller. 120,751; May 28.
Cigarette server. H. E. Frederick. 122,773; Oct. 1.
Cigarette server and lighter, Combined. A. Shaw. 122,885; Oct. 1.
Cigarette snuffer, match and cigarette package holder or similar article, Combination. E. C. Merrill. 123,102; Oct. 15.
Clamp-ammeter. P. P. Huber and L. Guild. 118,820; Feb. 6.
Clamp, Bloodless circumcision. A. A. Goldstein. 119,180; Feb. 27.
Clamp for a ski binding. L. Nashe and O. Overgaard. 119,174; Feb. 27.
Clamp keeper for a clip body. A. L. Main. 121,075; June 18.
Clamp, Rope. C. C. Gallagher. 118,697; Jan. 30.
Clasp. J. R. La Vigne. 120,993; June 11.
Clasp and button closure therefor, Combined. S. Holstein. 118,739; Jan. 30.
Clasp and pen knife or similar article, Combination tie. A. C. Braun. 123,855; Dec. 10.
Clasp, Flower. W. V. Goodman. 123,835; Dec. 3.
Clasp, Flower. J. Marrow. 121,818; Aug. 6.
Clasp, Hair. S. F. Kayn. 119,757–8; Apr. 2.
Clasp, Hair. S. F. Kayn. 119,846; Apr. 9.
Cleaner, Gauge glass. W. H. Van Gaasbeek. 122,039; Aug. 20.
Cleaning unit, Air filter. J. M. Born. 119,254; Mar. 5.
Climber, Lineman's. H. B. Wilson. 119,896; Apr. 9.
Clip and pencil, Combined tie. L. E. Baer. 124,227; Dec. 24.
Clip for a fountain pen or similar article. J. Vassos. 118,873; Feb. 6.
Clip for match and cigarette packages, Combined connecting. F. M. Sprague. 118,748; Jan. 30.
Clip for photographic negatives and prints, Holding. M. Greig. 118,477; Jan. 9.
Clip, Fountain pen and pencil. D. Kahn. 123,293; Oct. 29.
Clip or similar article. M. Boucher. 120,027–8; Apr. 16.
Clip or similar article. D. Cooper. 120,970–1; June 11.
Clip or similar article. D. Cooper. 121,739–42; July 30.
Clip or similar article. D. Cooper. 123,076; Oct. 15.
Clip or similar article. P. E. Flato. 122,719; Sept. 24.
Clip or similar article. P. E. Flato. 124,402; Dec. 31.
Clip or similar article. A. Glass. 122,231; Aug. 27.
Clip or similar article. A. Katz. 119,306–7; Mar. 5.
Clip or similar article. M. Veeber. 120,925; June 4.
Clip or similar article, Brooch. M. Berkman. 119,018–24; Feb. 13.
Clip or similar article, Fountain pen and pencil. D. Kahn. 121,335–6; July 2.
Clip or similar article of jewelry. I. Z. Joyce. 121,118; June 18.
Clip or similar article of jewelry. I. Z. Joyce. 121,207; June 25.
Clip or similar article, Pencil. A. V. Lapteff. 119,932; Apr. 16.
Clip or similar article, Pin. D. Saltarelli. 120,246–7; Apr. 30.
Clip, Pen and pencil. C. E. Marshall. 122,971; Oct. 8.
Clip, Pin. A. Katz. 121,840; Aug. 6.
Clip, Pin. A. Katz. 122,437; Sept. 10.
Clip, Pin. A. Katz. 122,439; Sept. 10.
Clip, Pin. A. Katz. 122,602–5; Sept. 17.
Clip, Pin. A. Katz. 122,614; Sept. 17.
Clip, Pin. A. Katz. 123,655; Nov. 19.
Clip, Pin. C. McDonald. 119,830; Apr. 2.
Clip, Pin. O. Pennino. 119,091; Feb. 20.
Clip, Pin. A. Philippe. 119,092–105; Feb. 20.
Clip, Pin. A. Philippe. 119,433–8; Mar. 12.
Clip, Pin. A. Philippe. 119,454–7; Mar. 12.
Clip, Pin. A. Philippe. 119,525; Mar. 19.
Clip, Pin. A. Philippe. 119,766; Apr. 2.
Clip, Pin. A. Philippe. 120,303; Apr. 30.
Clip, Pin. A. Philippe. 120,448–50; May 7.
Clip, Pin. A. Philippe. 120,572–5; May 14.
Clip, Pin. A. Philippe. 121,222; June 25.
Clip, Pin. A. Philippe. 121,251–5; June 25.
Clip, Pin. A. Philippe. 121,350; July 2.
Clip, Pin. A. Philippe. 121,728–31; July 30.
Clip, Pin. A. Philippe. 121,821; Aug. 6.
Clip, Pin. A. Philippe. 121,845–52; Aug. 6.
Clip, Pin. A. Philippe. 121,964–5; Aug. 13.
Clip, Pin. A. Philippe. 122,091–9; Aug. 20.
Clip, Pin. A Philippe. 122,204–6; Aug. 27.
Clip, Pin. A. Philippe. 122,219–20; Aug. 27.
Clip, Pin. A. Philippe. 122,320; Sept. 3.
Clip, Pin. A. Philippe. 122,339–40; Sept. 3.
Clip, Pin. A. Philippe. 123,169–78; Oct. 22.
Clip, Pin. A. Philippe. 123,272; Oct. 29.
Clip, Pin. A. Philippe. 123,300–1; Oct. 29.
Clip, Pin. O. Placco. 118,565; Jan. 16.
Clip, Pin. E. Roedelheimer. 124,392; Dec. 31.
Clip, Pin. E. Roedelheimer. 124,446; Dec. 31.
Clip, Pin. S. Rubin. 123,216; Oct. 22.
Clip, Pin. V. Silson. 121,352; July 2.
Clip, Pin. V. Silson. 121,734; July 30.
Clip, Pin. V. Silson. 122,211; Aug. 27.
Clip, Pin. V. Silson. 124,395; Dec. 31.
Clip, Pin. V. Silson. 124,398–400; Dec. 31.
Clip, Pin. V. Silson. 124,417; Dec. 31.
Clip, Pin. V. M. Strasburger. 122,103; Aug. 20.
Clip, Pin. J. Wuyts. 119,107–8; Feb. 20.
Clip, Pin. J. Wuyts. 119,445; Mar. 12.
Clip, Pin. J. Wuyts. 119,466–7; Mar. 12.
Clip, Pin. J. Wuyts. 119,529–31; Mar. 19.
Clip, Pin. J. Wuyts. 119,836–8; Apr. 2.
Clip, Pin. J. Wuyts. 120,052; Apr. 16.
Clip, Pin. J. Wuyts. 120,456–8; May 7.
Clip, Pin. J. Wuyts. 120,474–5; May 7.
Clip, Pin. J. Wuyts. 120,560; May 14.
Clip, Tie. C. D. Arcularius. 122,886; Oct. 8.
Clip, Trouser. D. H. Bowder. 119,153; Feb. 27.
Clipper, Hair. L. McDonald. 123,271; Oct. 29.
Clock. J. L. Bazelon. 122,763; Oct. 1.
Clock. E. L. Carlson. 122,112; Aug. 27.
Clock. H. Gordon. 120,380; May 7.
Clock. C. R. T. Hess. 118,559; Jan. 16.
Clock. W. G. Houston. 122,116; Aug. 27.
Clock. A. Levy and J. F. Punzak. 122,083; Aug. 20.
Clock. F. Lux. 119,886–9; Apr. 9.
Clock. P. Muller-Munk. 120,740; May 28.
Clock and advertising sign, Combined. R. Landau. 118,450; Jan. 9.
Clock and calendar, Combined desk. J. H. Horsley. 122,892; Oct. 8.
Clock and picture holding case, Combined. H. Sochard. 121,103; June 18.
Clock, Double dial. J. M. Winans. 122,327; Sept. 3.
Clock, Flower pendulum. P. Lux. 123,782; Dec. 3.
Clock or similar article. K. Lerman. 119,391; Mar. 12.
Clock or similar article. K. Lerman. 120,864–5; June 4.
Clock or similar article. W. S. Roth. 123,181; Oct. 22.
Clock or similar article. A. A. Wolfinsohn. 123,493; Nov. 12.
Clock, Pull wind panel. J. P. Ambrose. 118,466; Jan. 9.
Clock, Ship. A. Levy and J. F. Punzak. 121,634; July 23.
Clock, Wall. F. Lux. 120,511; May 14.
Closure, Container. H. H. Martin. 121,961; Aug. 13.
Closure, Metal. W. Elser. 121,952; Aug. 13.
Closure or similar article. B. S. Nash. 124,041; Dec. 17.
Closure, Removable bottle. J. A. Murdock. 120,999; June 11.
Clothes hamper. O. O. Hobson. 119,752; Apr. 2.
Clothespin. H. W. Linn. 119,933; Apr. 16.
Clothes stick. A. B. Nelson. 119,763; Apr. 2.
Clothing cleaning machine. K. Schultz. 118,572; Jan. 16.
Coach body, Motor. E. W. Allen. 119,315; Mar. 5.
Coaster and ash tray, Combined. L. J. Du Mais. 121,114; June 18.
Coat. P. Alenikoff. 122,190; Aug. 27.
Coat. A. Alper. 119,340; Mar. 5.
Coat. M. Bagedonow. 118,991; Feb. 13.

Coat. M. Bagedonow. 119,874; Apr. 9.
Coat. N. Barasch. 120,946–7; June 4.
Coat. M. Bauman. 119,016–17; Feb. 13.
Coat. B. Cashin. 123,775; Dec. 3.
Coat. B. Cashin. 123,801; Dec. 3.
Coat. B. Cashin. 124,170–1; Dec. 24.
Coat. J. Cohen. 118,751; Jan. 30.
Coat. A. Del Re. 123,953–4; Dec. 10.
Coat. W. Devitz. 123,722–3; Nov. 26.
Coat. S. H. Dick. 121,649; July 23.
Coat. L. Dornfest. 119,489; Mar. 19.
Coat. S. Etkin. 122,349; Sept. 3.
Coat. S. Etkin. 122,791; Oct. 1.
Coat. S. Finkel. 119,222; Feb. 27.
Coat. J. Freed. 121,295; July 2.
Coat. M. Frascino. 121,744; July 30.
Coat. H. Frost. 122,081; Aug. 20.
Coat. C. Goldstein. 121,650; July 23.
Coat. C. Goldstein. 121,834–5; Aug. 6.
Coat. M. Greenblatt. 123,724; Nov. 26.
Coat. A. Gruber. 122,516; Sept. 10.
Coat. J. Hochfelder. 119,249; Feb. 27.
Coat. J. Hymanson. 124,178; Dec. 24.
Coat. N. Jacobson. 121,147; June 18.
Coat. J. S. Lanz. 122,200–1; Aug. 27.
Coat. M. Lederman. 121,926; Aug. 13.
Coat. E. Leventhal. 121,960; Aug. 13.
Coat. S. Lo Prete. 123,717–18; Nov. 26.
Coat. S. Lo Prete. 124,181; Dec. 24.
Coat. A. Miele. 119,113; Feb. 20.
Coat. A. Miele. 119,578; Mar. 19.
Coat. E. Minkoff. 118,753; Jan. 30.
Coat. E. Minkoff. 119,027; Feb. 13.
Coat. E. Minkoff. 119,226; Feb. 27.
Coat. E. Minkoff. 120,185; Apr. 23.
Coat. E. Minkoff. 122,202; Aug. 27.
Coat. G. Monteil. 124,183; Dec. 24.
Coat. J. H. Myron. 122,350; Sept. 3.
Coat. S. De Pasquale. 120,779; May 28.
Coat. J. Potash. 119,891; Apr. 9.
Coat. J. Potash. 122,640; Sept. 17.
Coat. J. Potash. 123,785; Dec. 3.
Coat. N. A. Rauch. 121,755; July 30.
Coat. N. A. Rauch. 122,351; Sept. 3.
Coat. N. A. Rauch. 122,642–3; Sept 17.
Coat. M. Revitz. 121,237; June 25.
Coat. S. Rosen. 120,100; Apr. 16.
Coat. A. Rosen. 120,206; Apr. 23.
Coat. P. Rosenshein. 121,929–30; Aug. 13.
Coat. P. Rosenshein. 122,644; Sept. 17.
Coat. A. Rosenzweig. 119,011; Feb. 13.
Coat. A. H. Sadiker. 118,390; Jan. 2.
Coat. M. Schatzberg. 119,230; Feb. 27.
Coat. A. Scheinhorn. 119,349; Mar. 5.
Coat. E. Schulich. 119,232; Feb. 27.
Coat. E. Schulich. 122,645; Sept. 17.
Coat. L. Shapiro. 119,680; Mar. 26.
Coat. M. D. Shaw. 122,209–10; Aug. 27.
Coat. S. Stimell. 119,114; Feb. 20.
Coat. S. Stoll. 119,480; Mar. 12.
Coat. T. Trozzi. 118,520; Jan. 9.
Coat. W. Weinstein. 122,213; Aug. 27.
Coat. M. Weinstein. 122,346; Sept. 3.
Coat. H. O. Wolk. 119,581; Mar. 19.
Coat. H. O. Wolk. 119,735; Mar. 26.
Coat. H. O. Wolk. 120,051; Apr. 16.
Coat. H. O. Wolk. 122,242; Aug. 27.
Coat. D. Zalinka. 118,524; Jan. 9.
Coat. S. Zimmerman. 118,528; Jan. 9.
Coat. S. Zimmerman. 119,030; Feb. 13.
Coat. S. Zimmerman. 124,191; Dec. 24.
Coat. H. Zuckerman. 118,529–30; Jan. 9.
Coat. H. Zuckerman. 118,547–9; Jan. 9.
Coat. H. Zuckerman. 119,012–15; Feb. 13.
Coat. H. Zuckerman. 119,109; Feb. 20.
Coat. H. Zuckerman. 119,234–5; Feb. 27.
Coat. H. Zuckerman. 123,851; Dec. 3.
Coat. H. Zuckerman. 124,432; Dec. 31.
Coat, Child's. B. Fischer. 120,703–5; May 21.
Coat, Child's. M. Greenblatt. 122,232; Aug. 27.
Coat, Lady's. M. Kolmer. 118,879; Feb. 6.
Coat lining. P. Feldman. 121,054; June 11.
Coat or similar article. E. Cadous. 119,354–5; Mar. 5.
Coat or similar article. S. Vogel. 119,812–13; Apr. 2.
Coat or similar article. S. Vogel. 119,947; Apr. 16.
Coat or similar article. S. Vogel. 121,432; July 9.
Coat or similar article, House. M. F. Hauck. 120,888; June 4.
Coffee maker. H. G. Lehmann. 120,933–4; June 4.
Coffeepot or similar article. C. A. Rivard. 120,141; Apr. 23.
Coffee server. W. W. Hoople. 122,776; Oct. 1.
Coin changing machine. J. E. Hagstrom. 123,264; Oct. 29.
Collar, Fur. G. Ahrens. 121,345; July 2.
Collar, Fur. S. Etkin. 121,743; July 30.
Collar, Fur. D. Feld. 122,194; Aug. 27.
Collar or similar article, Lace. W. F. Breuss. 118,800–02; Jan. 30.
Collar or similar article, Lace. W. F. Breuss. 122,510–2; Sept. 10.
Collar or similar article, Lace. W. F. Breuss. 124,136–7; Dec. 17.
Collar or similar article, Lace. W. F. Breuss. 124,425; Dec. 31.
Collar or similar article, Lace. W. F. Breuss. 124,435–9; Dec. 31.
Color guide unit for artificial teeth. W. Lambdin. 121,210; June 25.
Colorimeter. S. J. Bailey and R. S. Estey. 120,877; June 4.
Colorimeter. E. F. Flint. 120,378; May 7.
Comb. S. Behr. 121,827–8; Aug. 6.
Comb and brush or similar article, Combined. J. Kahn. 120,345; May 7.
Comb and curler, Combined. H. C. Schlicker. 122,695; Sept. 24.
Comb and thinning razor, Combined. V. R. Pileggi. 123,180; Oct. 22.
Comb, Curl. N. L. Solomon. 119,219; Feb. 27.
Comb, Finger-grip. E. Y. Berry. 118,810; Feb. 6.
Comb or similar article. F. E. Hastings. 122,568–9; Sept. 17.
Comb or similar article. L. Kahn. 118,941; Feb. 13.
Comb or similar article. J. Kahn. 122,408; Sept. 10.
Comfort station. A. C. Stewart and K. Weber. 121,104; June 18.
Comfortable. A. J. Goldman. 118,903; Feb. 6.
Comfortable. L. Goodstein. 120,435; May 7.
Comfortable. L. Goodstein. 120,809; May 28.
Comfortable. L. Goodstein. 121,230–1; June 25.
Comfortable. P. Joseph. 120,811–12; May 28.
Comfortable. P. Joseph. 121,414–15; July 9.
Comfortable. P. Joseph. 121,512; July 16.
Comic figure. P. L. Goodale. 118,699; Jan. 30.
Compact. S. Fink. 121,510; July 16.
Compact, cigarette case, lighter, watch and holder therefor, and lipstick case, Combined powder. P. E. Flato. 124,449; Dec. 31.
Compact, memo pad and pencil, Combined. A. A. Rosenberg. 119,284; Mar. 5.
Compact or similar article. J. Forrestal. 121,567; July 23.
Compact or similar article. J. Forrestal. 121,953; Aug. 13.
Comport. E. W. Fuerst. 119,586; Mar. 26.
Comport. E. W. Fuerst. 119,745; Apr. 2.
Comport. E. W. Fuerst. 119,747; Apr. 2.
Computing and listing machine. L. M. Llorens. 118,962; Feb. 13.
Computing machine. W. A. Anderson. 119,446; Mar. 12.
Computing machine. W. A. Anderson. 119,484; Mar. 19.
Condiment dispenser. W. P. and T. L. Hull. 122,407; Sept. 10.
Condiment shaker or the like. J. Hommer. 124,030; Dec. 17.
Conduit expansion fitting. M. J. Cafiero. 122,386; Sept. 10.
Cone, Ice cream. J. Balton. 121,359–61; July 9.
Confection, support, and drip catcher, Combined frozen. E. C. Texter and C. G. Shocknesse. 118,840; Feb. 6.
Confectionery product. A. Lowenstein. 119,275; Mar. 5.
Confectionery product. E. L. Schoettle. 120,789; May 28.
Confectionery product. N. M. Thomas. 121,133; June 18.
Connector, Electrical. A. L. W. Williams. 118,894; Feb. 6.
Connector, Electrical wire. J. Blackburn. 118,588; Jan. 16.
Console, Organ. G. H. Stephens. 120,175; Apr. 23.
Container. M. M. Karlan. 118,561; Jan. 16.
Container. W. G. Martin, Jr. 122,184; Aug. 27.
Container and display for golf tees or the like, Combined. G. H. Perryman. 123,819; Dec. 3.
Container and ejector, Combined insecticide. B. N. Forrest and H. D. Bell. 119,332; Mar. 5.
Container and eraser display, or the like, Combined dispensing. R. S. Henderson. 123,248; Oct. 22.
Container and pendant, Combined perfume. F. di Verdura. 123,646; Nov. 19.
Container and soap and cosmetic display, Combined. E. M. Hammond. 123,500; Nov. 12.
Container and soap display, Combined. E. M. Hammond. 121,371; July 9.
Container and soap display, Combined. H. B. Stoner. 124,159; Dec. 17.
Container and stand therefor, Combined perfume. R. B. Karoff. 123,637; Nov. 19.
Container and tray, Combined ash. H. Huebinger. 123,694; Nov. 26.
Container and tray, Combined vending. J. R. Stone. 122,804; Oct. 1.
Container, Cigarette. W. Stavenhagen. 122,715; Sept. 24.
Container, Cigarette. W. Stavenhagen. 123,218; Oct. 22.
Container, Cigarette. M. A. Vendig. 120,559; May 14.
Container, Cigarette package. J. J. Meyer. 123,625; Nov. 19.
Container closure and spray gun unit for coating materials or the like, Combined. G. W. Tammen. 119,053; Feb. 20.
Container, Combined lamp and cigarette. F. May. 122,710; Sept. 24.
Container, Combined lighter and cigarette and cigar. D. W. Dunberg. 123,050; Oct. 15.
Container, Condiment. W. Johnson and E. H. Trump. 120,719; May 21.

Container, Dental accessories. A. A. Einzig. 122,737; Sept. 24.
Container, Display. M. S. Holstein and T. T. Morrow. 123,125; Oct. 15.
Container, Display. W. R. Tuttle and C. W. Stickel. 124,051; Dec. 17.
Container, Edible. D. A. Hoffman. 119,040; Feb. 20.
Container, Flower. R. G. Block. 120,983; June 11.
Container for candy. J. G. James. 122,336; Sept. 3.
Container for cigarettes or the like. H. S. Berk. 121,182; June 25.
Container, for food products or the like, Portable. C. B. Arnold. 122,762; Oct. 1.
Container for matches and other articles, Single delivery. E. Battellini. 121,226; June 25.
Container for perfume or the like. B. H. Ogden. 120,471; May 7.
Container for perfume or the like. B. H. Ogden. 122,714; Sept. 24.
Container for powdered solids. P. B. Heller. 122,315; Sept. 3.
Container for signal flag, fuse, and torpedo, Combination. M. J. Freemark. 119,087; Feb. 20.
Container for toilet articles. H. H. Harris. 121,190; June 25.
Container, Lipstick. R. T. Christy. 120,662; May 21.
Container, Lipstick. R. T. Christy. 121,950; Aug. 13.
Container or similar article, Cosmetic. H. C. Schlicker. 123,422; Nov. 5.
Container or similar article, Lipstick. L. J. Davenport. 120,664; May 21.
Container or similar article, Shaving stick. R. Loewy. 121,877; Aug. 13.
Container or similar article, Waste. J. A. Martinez. 120,270; Apr. 30.
Container or the like, Pencil lead. D. Kahn. 120,734; May 28.
Container or the like, Perfume. B. H. Ogden. 120,786; May 28.
Container, Perfume. R. C. Nathan. 120,171; Apr. 23.
Container server top or similar article. R. Bernhardt. 121,154; June 25.
Container, Toilet accessories. E. Edson. 123,674; Nov. 26.
Container, Transparent cigar. A. Baer. 122,041; Aug. 20.
Control panel board for medical X-ray machines. E. B. Graves. 122,838; Oct. 1.
Control panelboard unit, Electric. E. T. Platz. 122,844; Oct. 1.
Cooker, Electric. E. Lewis. 119,633; Mar. 26.
Cooker, Electric. E. Lewis. 119,847; Apr. 9.
Cooker, Pressure. E. H. Wittenberg. 122,786–7; Oct. 1.
Cooky. F. C. Werner. 120,037; Apr. 16.
Cooler for bottled beverages or similar article. M. A. Martin. 122,927; Oct. 8.
Corner piece for burial caskets. S. Junkunc, Jr. 120,241; Apr. 30.
Corset. C. H. Schopbach and E. J. Olds. 122,883; Oct. 1.
Couch arm, Studio. H. L. Lieberman. 121,635; July 23.
Counter, Checking. G. C. Gill. 118,817; Feb. 6.
Counter, Combination disk record display and sales. A. Bitter. 120,905; June 4.
Counter, Display. E. J. Gardner. 119,853; Apr. 9.
Counter or similar article. A. B. Remler. 120,018; Apr. 16.
Coupler, Pipe. G. C. Thomas, Jr. 118,575; Jan. 16.
Coupling, Hose. G. K. Bedur. 121,608; July 23.
Coupling, Pipe. W. R. Wilson. 12,495; May 14.
Coupon, Premium. A. A. Plock. 120,838; May 28.
Cover and air cleaner unit for internal combustion engine, Combined. O. C. Funderburk. 120,004; Apr. 16.
Cover and bath mat, or similar article, Combination toilet seat. C. Zito. 118,716; Jan. 30.
Cover, Bacon slicing machine. E. A. Schiewe. 119,217; Feb. 27.
Cover for a combined washing machine and wringer. C. R. Wolff. 119,513; Mar. 19.
Cover for an electric roaster or the like. W. J. Russell. 121,575; July 23.
Cover for an instrument casing. D. A. Young. 121,581; July 23.
Cover for cylindrical containers, Wrap. M. Caplan. 119,356; Mar. 5.
Cover, Locking. C. H. Nehls. 121,076; June 18.
Cover or similar article, Book. C. D. Trussell. 118,678; Jan. 23.
Cover or similar article, Drinking glass. F. K. Guinzburg. 119,959–60; Apr. 16.
Cover or similar article, Table. G. F. Erhard. 120,054–65; Apr. 16.
Cover or similar article, Table. G. F. Erhard. 120,087–8; Apr. 16.
Cover, Sadiron. P. W. Davis. 122,285; Sept. 3.
Cover, Skillet. H. E. Kavanagh. 123,503; Nov. 12.
Cover, Storage battery. S. W. Rolph. 121,225; June 25.
Cowling for an airplane engine. L. E. Reisner. 119,677; Mar. 26.
Cracker or similar food product. C. H. Dykema. 124,308; Dec. 31.
Cream remover. J. S. MacLean. 118,826; Feb. 6.
Crib, Christmas. L. Schafhausen. 123,192; Oct. 22.
Crib or basinette, Side of a. A. G. Feldman. 124,427; Dec. 31.
Cribbage board. J. R. Boland. 123,799; Dec. 3.
Cross. H., A., and M. Brandt. 119,993; Apr. 16.
Crusher, Ice. W. P. Koch. 119,590; Mar. 26.
Cuff link. C. Du B. Arcularius. 120,722; May 28.
Cuff link or similar article. F. Di Verdura. 120,429; May 7.
Cup, Bird seed. M. E. Nagle. 121,303–4; July 2.
Cup, Drink mixing. L. Myers. 118,725; Jan. 30.
Cup, Drinking. G. B. Cooke. 121,805; Aug. 6.
Cup handle alphabet or similar article. A. Schmidt. 120,112; Apr. 23.
Cup or similar article. I. Darrow. 121,156; June 25.
Cup or similar article. A. Langford. 121,720; July 30.
Cup or similar article, Feeding. C. C. Cooner, Jr. 119,738; Apr. 2.
Cup, Shaving. M. E. Sayre. 120,978; June 11.
Curler, Hair. O. E. Izquierdo. 123,597; Nov. 19.
Curtain. S. S. Gutlon. 122,596; Sept. 17.
Curtain. S. S. Gutlon. 123,124; Oct. 15.
Curtain. M. N. Sobiloff. 122,102; Aug. 20.
Curtain and valance, Combined draped. D. Kaplan. 120,281; Apr. 30.
Curtain hook. B. H. Bandell. 119,058; Feb. 20.
Curtain ring. H. Kaufman. 118,822; Feb. 6.
Curtain or similar article. M. Sadinoff. 121,931; Aug. 13.
Curtain or similar article. K. G. Stead. 123,008; Oct. 8.
Curtain, Window. R. C. Nicholson. 123,003; Oct. 8.
Cutter, Pastry. W. H. Baumker. 123,564; Nov. 19.
Cutter, Vegetable. J. A. Murdock. 122,629; Sept. 17.
Dart board. L. M. Heinze. 118,447; Jan. 9.
Decanter, Olive oil. J. M. Barolo. 120,334; May 7.
Deflector, Wind. F. S. Wheeler. 119,415; Mar. 12.
Desk. G. G. Grise. 123,806; Dec. 3.
Desk. M. Immermann. 122,164; Aug. 27.
Desk. M. Nelson, W. R. Hultberg, and H. Dahl. 121,693; July 30.
Desk and artificial fireplace, Combined. R. Williams. 121,110; June 18.
Desk and seat, Combination. J. N. Balleydier. 119,253; Mar. 5.
Desk and seat unit. D. Levi. 123,202; Oct. 22.
Desk, Control. M. J. Rubel. 121,327; July 2.
Desk, Drawing. K. Bojesen. 121,622; July 23.
Desk or the like. E. O. Carlson. 124,426; Dec. 31.
Desk or the like. H. C. Doner. 123,933; Dec. 10.
Desk or the like. K. C. Dyches. 118,637; Jan. 23.
Desk pad and unit, Combination calendar. W. B. Petzold. 121,460; July 9.
Desk pad unit, Calendar. W. B. Petzold. 121,424; July 9.
Desk unit. B. G. Cronwell. 120,725; May 28.
Desk unit and lamp base, Combined. L. Ludwig. 122,465; Sept. 10.
Desk unit, Combination. B. W. Hanle. 122,265; Sept. 3.
Desk unit, Combination. E. R. Posnack. 120,229; Apr. 30.
Desk unit, Combination. E. R. Posnack. 120,652; May 21.
Desk unit, Memorandum pad. C. H. Manzler. 121,912; Aug. 13.
Desk unit or similar article, Combination. C. Marcantonio. 119,890; Apr. 9.
Device for analyzing combustion motors. A. P. Warner. 121,084; June 18.
Dial and escutcheon for combination locks, Combined. P. Ressinger. 119,892; Apr. 9.
Dial and hands for a clock or similar article, Combined. D. Hannan. 122,266, Sept. 3.
Dial, Cutting speed indicating. W. F. Groene. 120,121; Apr. 23.
Dial, Instrument. J. W. Anderson. 122,911–12; Oct. 8.
Diaper. L. D. Coleman. 121,647; July 23.
Die stock. W. A. Phillis. 122,693; Sept. 24.
Diffuser-projector for lighting fixtures. C. H. Koehler. 123,887; Dec. 10.
Dipper, Ice cream. R. E. Rothenbush. 118,604; Jan. 16.
Direction indicator. T. B. McCarthy. 119,865–6; Apr. 9.
Dirigible plane. B. T. Doi. 121,784; Aug. 6.
Dish. R. G. Fishel. 122,939–40; Oct. 8.
Dish. K. S. Herpel. 118,819; Feb. 6.
Dish. J. O. Reinecke and J. F. Barnes. 118,508–9; Jan. 9.
Dish. J. E. Spence. 118,951–2; Feb. 13.
Dish. J. E. Spence. 119,403; Mar. 12.
Dish. J. E. Spence. 119,870; Apr. 9.
Dish and tray, Combination refreshment. A. Karsh. 121,438; July 9.
Dish, Glass. W. C. Newland. 123,913; Dec. 10.
Dish or article of similar nature, Glass grape. A. H. Nicholson. 123,060; Oct. 15.
Dish or article of similar nature, Glass pineapple. B Kogan. 123,056; Oct. 15.
Dish or article of similar nature, Glass relish. A. H. Nicholson. 118,385; Jan. 2.
Dish or other article of hollowware. J. G. Theobald. 118,990; Feb. 13.
Dish or other article of hollow ware. J. G. Theobald. 119,406; Mar. 12.
Dish or similar article. L. Guild. 118,557; Jan. 16.
Dish or similar article. L. Guild. 120,220; Apr. 30.
Dish or similar article, Condiment holding. A. A. Therrios. 123,356; Oct. 29.

Dish or similar article, Covered. L. Guild. 119,957–8; Apr. 16.
Dish or similar article, Petri. H. L. Fruitman. 122,567; Sept. 17.
Dish or similar article, Soap. R. S. Sanford. 121,398–9; July 9.
Dish, Serving. J. F. Hupp. 118,639; Jan. 23.
Dish, Soap. D. Bernikow. 120,982; June 11.
Dish, Soap. S. Isenberg. 121,813; Aug. 6.
Dispenser and article support, Combined cigarette. H. Rubin. 120,922; June 4.
Dispenser and ash tray, Combined cigarette. J. S. Sherman. 123,937; Dec. 10.
Dispenser and brush holder, Combined paste. J. M. Nixon. 119,764; Apr. 2.
Dispenser and clock, Combined cigarette. H. Rubin. 118,568–9; Jan. 16.
Dispenser and clock, Combined cigarette. J. S. Sherman. 123,938; Dec. 10.
Dispenser and display holder, Combined napkin. V. W. Cornelius. 118,813; Feb. 6.
Dispenser and lighter, Combination cigarette. E. S. Lynch. 124,038; Dec. 17.
Dispenser and tooth brush holder, Combination paste. J. A. Nixon. 120,648; May 21.
Dispenser and vanity chest, Combined tissue. P. P. Paisner. 119,281; Mar. 5.
Dispenser, Cigarette. H. Rubin. 120,874; June 4.
Dispenser, Cigarette. H. Rubin. 120,920–1; June 4.
Dispenser, Condiment. W. P. and T. L. Hull. 123,454; Nov. 5.
Dispenser, Cup. J. Balton. 122,110; Aug. 27.
Dispenser, Cup. S. N. Hope. 122,669; Sept. 24.
Dispenser for liquids, or similar article. T. D'Addario. 119,739; Apr. 2.
Dispenser for popcorn or the like. J. S. Francis. 121,489; July 16.
Dispenser, Liquid. A. Levy and J. F. Punzak. 121,300; July 2.
Dispenser, Measuring. F. E. Wolcott. 121,781; Aug. 6.
Dispenser, Mill. L. Pataky. 121,018; June 11.
Dispenser or similar article, Cleansing film. W. J. Schepp. 121,002; June 11.
Dispenser or similar article, Cleansing-film. W. J. Schepp. 121,171; June 25.
Dispenser, Paper cup. W. J. Emerson. 118,578; Jan. 16.
Dispenser, Paper-towel. H. E. Houghton. 120,783; May 28.
Dispenser, Paste. J. M. Nixon. 119,765; Apr. 2.
Dispenser, Sheet material. A. E. Pollock. 123,462; Nov. 5.
Dispenser, Soap. W. B. Petzold. 124,199; Dec. 24.
Dispenser, Tablet. L. A. Boylan. 122,381; Sept. 10.
Dispenser, Tape. J. O. Reinecke. 118,629; Jan. 23.
Dispenser unit, Paper. W. B. Petzold. 120,743; May 28.
Dispensing cap. J. E. Gaudreau. 122,461; Sept. 10.
Dispensing device or similar article. A. Marra. 120,868; June 4.
Display and container therefor, Combined fruit. J. W. Trew. 120,233; Apr. 30.
Display and stand, Combined nail polish. J. L. Younghusband. 120,770; May 28.
Display card, Sample fabric. S. E. Bender. 119,152; Feb. 27.
Display container. A. T. Tobey. 120,151; Apr. 23.
Display device, Advertising. H. P. Golden. 121,922; Aug. 13.
Display device, Advertising. M. E. Ramsey. 118,566; Jan. 16.
Display device, Advertising. M. E. Ramsey. 118,986; Feb. 13.
Display device ensemble. P. M. Kleinwachter. 119,962; Apr. 16.
Display device, Illuminable. C. D. McCann. 122,170; Aug. 27.
Display form for swimming trunks or the like. F. Williams. 121,199; June 25.
Display rack for pistons and connecting rod assemblies. L. Teetor. 119,969; Apr. 16.
Display stand, Advertising. M. Reynolds. 118,584–5; Jan. 16.
Display stand for perfume or the like. L. M. Hathaway. 119,750; Apr. 2.
Display stand for swimming trunks or the like. F. Williams. 121,200; June 25.
Display unit for spark plug testing and cleaning devices. R. L. Reeves and R. W. Allen. 122,301; Sept. 3.
Display unit or similar article, Advertising. C. J. Strauss. 120,596; May 14.
Display unit or similar article, Perfume bottle. J. D. Buckingham. 123,428; Nov. 5.
Distributing and illuminating device, Combined air. F. J. Kurth and L. Fischer. 120,266; Apr. 30.
Doily or similar article. K. C. Hamilton. 123,351; Oct. 29.
Doily or similar article, Lace. C. Kowalewska. 119,674; Mar. 26.
Doll. G. Ederle. 123,306; Oct. 29.
Doll. O. M. Jay. 118,959; Feb. 13.
Doll. O. M. Jay. 118,974–6; Feb. 13.
Doll. O. M. Jay. 119,167; Feb. 27.
Doll. O. M. Jay. 119,182–3; Feb. 27.
Doll. B. S. Jones. 120,344; May 7.
Doll. H. Levy. 123,812; Dec. 3.
Doll. M. Michaels. 120,998; June 11.
Doll. W. Parry. 120,760; May 28.
Doll. M. C. Peck. 118,387; Jan. 2.
Doll. M. B. Reeder. 123,066; Oct. 15.
Doll. D. F. Ryan. 118,948; Feb. 13.
Doll. M. H. Siegfried. 122,699; Sept. 24.
Doll. M. E. Wentling. 119,409–13; Mar. 12.
Doll, and pin cushion, Combination sachet. L. Share. 120,142; Apr. 23.
Doll, Clown. F. Kalcey and C. Rich. 123,885; Dec. 10.
Doll head. M. H. Lakopolanska. 122,896; Oct. 8.
Doll, Negro mammy. I. O. King. 120,224; Apr. 30.
Doll or similar article. F. L. Mora. 119,596; Mar. 26.
Doll or similar article. F. L. Mora. 123,678; Nov. 26.
Doll or similar article, Stuffed. A. A. Gerling. 124,311; Dec. 31.
Doll, Puppet. R. K. Ostrander. 123,414–5; Nov. 5.
Doll, Sport. W. B. Van Valin. 121,500; July 16.
Door closer. H. B. Gallinger. 120,752; May 28.
Door suitable for ovens or the like. C. Karstadt. 121,337; July 2.
Dough rounding machine. H. Van Doren. 119,775; Apr. 2.
Doughnut. R. S. Fox. 121,470; July 16.
Drainboard. N. L. Etten. 119,613; Mar. 26.
Drape or similar article. M. N. Sobiloff. 123,793; Dec. 3.
Drawer pull. O. A. Westgaard. 118,464; Jan. 9.
Drawer pull. O. A. Westgaard. 118,955; Feb. 13.
Drawer pull and escutcheons, Combined. E. Borchers. 123,853; Dec. 10.
Drawer pull or similar article. E. Borchers. 121,560; July 23.
Drawer pull or similar article. E. Borchers. 121,562; July 23.
Drawer pull or similar article. G. A. Johns. 122,120; Aug. 27.
Dress. L. Abbott. 120,443; May 7.
Dress. S. E. Abrams. 123,651; Nov. 19.
Dress. H. Altmark. 124,053; Dec. 17.
Dress. H. Altmark. 124,433; Dec. 31.
Dress. V. Amen. 121,442; July 9.
Dress. V. Amen. 121,971; Aug. 13.
Dress. V. Amen. 122,832–3; Oct. 1.
Dress. V. Amen. 123,143; Oct. 15.
Dress. V. Amen. 123,609; Nov. 19.
Dress. V. Amen. 124,465; Dec. 31.
Dress. S. Ancell. 119,909; Apr. 9.
Dress. S. Ancell. 120,164; Apr. 23.
Dress. S. Ancell. 120,320; Apr. 30.
Dress. S. Ancell. 121,053; June 11.
Dress. S. Ancell. 121,241; June 25.
Dress. S. Ancell. 121,454; July 9.
Dress. S. Ancell. 122,352; Sept. 3.
Dress. S. Ancell. 122,950–1; Oct. 8.
Dress. G. Andrée. 122,282; Sept. 3.
Dress. G. Andrée. 122,332; Sept. 3.
Dress. G. Andrée. 122,990; Oct. 8.
Dress. G. Andrée. 123,634; Nov. 19.
Dress. J. Anunziata. 122,813; Oct. 1.
Dress. L. Applebaum. 120,428; May 7.
Dress. M. Armao. 123,334; Oct. 29.
Dress. S. Aronoff. 120,038; Apr. 16.
Dress. I. Aronson. 123,219; Oct. 22.
Dress. S. Bach. 122,154; Aug. 27.
Dress. S. Bach. 122,508; Sept. 10.
Dress. S. Bach. 122,858; Oct. 1.
Dress. M. Backus. 120,294; Apr. 30.
Dress. J. Baron. 121,652; July 23.
Dress. D. Bass. 119,211; Feb. 27.
Dress. B. Baum. 123,828; Dec. 3.
Dress. B. Baum. 124,451–2; Dec. 31.
Dress. H. Bayor. 119,468; Mar. 12.
Dress. H. Bayor. 123,611; Nov. 19.
Dress. L. Beilinson. 120,597; May 14.
Dress. M. Berkson. 123,721; Nov. 26.
Dress. H. Berman. 122,177–8; Aug. 27.
Dress. H. Berman. 123,011; Oct. 8.
Dress. H. Berman. 123,023; Oct. 8.
Dress. H. Berman. 123,773–4; Dec. 3.
Dress. H. Berman. 123,797–8; Dec. 3.
Dress. H. Berry. 121,972; Aug. 13.
Dress. S. Bieber. 122,859; Oct. 1.
Dress. S. Bloom. 119,902; Apr. 9.
Dress. E. Breer. 119,420; Mar. 12.
Dress. E. Breer. 119,541; Mar. 19.
Dress. E. Breer. 119,912; Apr. 9.
Dress. E. Breer. 122,048–50; Aug. 20.
Dress. E. Breer. 122,227; Aug. 27.
Dress. E. Breer. 122,529–30; Sept. 10.
Dress. E. Breer. 122,835; Oct. 1.
Dress. E. Breer. 123,991; Dec. 10.
Dress. J. Brenner. 120,039; Apr. 16.
Dress. S. Brown. 123,652; Nov. 19.
Dress. S. J. Brown. 122,228–9; Aug. 27.
Dress. M. Birnbaum. 120,279; Apr. 30.
Dress. M. Birnbaum. 120,598–9; May 14.
Dress. M. Birnbaum. 120,822–3; May 28.
Dress. M. Birnbaum. 120,947; June 4.
Dress. M. Burnbaum. 120,699–700; May 21.
Dress. F. M. Burns. 124,485; Dec. 31.
Dress. P. Byrnes. 119,779; Apr. 2.
Dress. P. Byrnes. 121,243; June 25.
Dress. B. Calick. 122,734; Sept. 24.

Dress. P. Calick. 119,716; Mar. 26.
Dress. P. Calick. 120,600; May 14.
Dress. J. Casella. 124,453–6; Dec. 31.
Dress. J. Casella. 124,466; Dec. 31.
Dress. B. Cashin. 122,051–54; Aug. 20.
Dress. B. Cashin. 122,181; Aug. 27.
Dress. B. Cashin. 123,994; Dec. 10.
Dress. B. Cashin. 123,996–7; Dec. 10.
Dress. B. Cashin. 124,139; Dec. 17.
Dress. B. Cashin. 124,141–2; Dec. 17.
Dress. B. Cashin. 124,244–5; Dec. 24.
Dress. B. Cashin. 124,268; Dec. 24.
Dress. B. Cashin. 124,457; Dec. 31.
Dress. B. Cashin. 124,467; Dec. 31.
Dress. B. Celt. 122,134; Aug. 27.
Dress. B. Celt. 122,157; Aug. 27.
Dress. C. Charles. 118,750; Jan. 30.
Dress. C. Charles. 118,995; Feb. 13.
Dress. C. Charles. 119,060–1; Feb. 20.
Dress. C. Charles. 119,139; Feb. 20.
Dress. C. Charles. 119,221; Feb. 27.
Dress. C. Charles. 120,069–72; Apr. 16.
Dress. C. Charles. 122,283–4; Sept. 3.
Dress. C. Charles. 122,646; Sept. 17.
Dress. C. Charles. 122,848; Oct. 1.
Dress. C. Charles. 123,038; Oct. 8.
Dress. C. Charles. 123,118–20; Oct. 15.
Dress. C. Charles. 123,144; Oct. 15.
Dress. C. Charles. 123,359; Oct. 29.
Dress. C. Charles. 123,528; Nov. 12.
Dress. C. Charles. 123,832; Dec. 3.
Dress. C. Charles. 123,969–70; Dec. 10.
Dress. C. Charles. 124,458; Dec. 31.
Dress. C. Charles. 124,468; Dec. 31.
Dress. C. Charles. 124,486–7; Dec. 31.
Dress. H. Clifford. 123,971; Dec. 10.
Dress. G. K. Cloyes. 118,494; Jan. 9.
Dress. S. Comolli. 122,158; Aug. 27.
Dress. G. Constantine. 118,765; Jan. 30.
Dress. G. Constantine. 123,444; Nov. 5.
Dress. G. Constantine. 124,092; Dec. 17.
Dress. C. Cooper. 124,093–4; Dec. 17.
Dress. P. Corday. 122,850; Oct. 1.
Dress. M. Croizat. 118,766; Jan. 30.
Dress. M. Croizat. 124,095; Dec. 17.
Dress. E. Cutler. 119,718–19; Mar. 26.
Dress. E. Cutler. 121,528–9; July 16.
Dress. E. Cutler. 123,234; Oct. 22.
Dress. L. Davis. 120,321; Apr. 30.
Dress. L. Decker. 118,767; Jan. 30.
Dress. L. Decker. 120,041; Apr. 16.
Dress. S. De Pasquale. 119,238; Feb. 27.
Dress. S. De Pasquale. 119,903–4; Apr. 9.
Dress. S. De Pasquale. 120,029; Apr. 16.
Dress. S. De Pasquale. 120,086; Apr. 16.
Dress. S. De Pasquale. 123,612; Nov. 19.
Dress. S. De Pasquale. 123,732; Nov. 26.
Dress. S. De Pasquale. 123,955; Dec. 10.
Dress. F. Dioguardi. 121,113; June 18.
Dress. I. Doctor. 122,736; Sept. 24.
Dress. I. Doctor. 122,976; Oct. 8.
Dress. I. Doctor. 123,026; Oct. 8.
Dress. M. Donaghy. 121,829; Aug. 6.
Dress. M. Ellenbogen. 123,529; Nov. 12.
Dress. S. Elmo. 122,513–5; Sept. 10.
Dress. S. Elmo. 122,531; Sept. 10.
Dress. A. Engel. 118,898; Feb. 6.
Dress. A. Engel. 119,242–3; Mar. 5.
Dress. A. Engel. 119,358; Mar. 5.
Dress. A. Engel. 121,115; June 18.
Dress. A. Engel. 122,193; Aug. 27.
Dress. A. Engel. 122,738; Sept. 24.
Dress. A. Engel. 122,790; Oct. 1.
Dress. A. Engel. 123,320; Oct. 29.
Dress. S. Etkin. 119,470; Mar. 12.
Dress. S. Etkin. 121,653; July 23.
Dress. E. Evans. 118,769; Jan. 30.
Dress. S. Faden. 118,770; Jan. 30.
Dress. S. Faden. 119,123; Feb. 20.
Dress. S. Faden. 121,654–5; July 23.
Dress. S. Faden. 122,652; Sept. 17.
Dress. D. Faust. 123,802–3; Dec. 3.
Dress. R. Feintuck. 121,509; July 16.
Dress. R. Feintuck. 121,674; July 30.
Dress. R. Feintuck. 121,831–3; Aug. 6.
Dress. R. Feintuck. 122,162; Aug. 27.
Dress. R. Feintuck. 122,230; Aug. 27.
Dress. P. E. Fields. 123,972; Dec. 10.
Dress. L. Fiscella. 123,221; Oct. 22.
Dress. P. Fracchia. 118,662–3; Jan. 23.
Dress. P. Fracchia. 118,771–2; Jan. 30.
Dress. P. Fracchia. 119,240–5; Feb. 27.
Dress. P. Fracchia. 119,317; Mar. 5.
Dress. P. Fracchia. 119,422–4; Mar. 12.
Dress. P. Fracchia. 119,426–8; Mar. 12.
Dress. P. Fracchia. 119,545–6; Mar. 19.
Dress. P. Fracchia. 119,905; Apr. 9.
Dress. P. Fracchia. 120,074–7; Apr. 16.
Dress. P. Fracchia. 120,706–11; May 21.
Dress. P. Fracchia. 120,805; May 28.
Dress. P. Fracchia. 120,824–8; May 28.
Dress. P. Fracchia. 120,844–5; May 28.
Dress. P. Fracchia. 120,880; June 4.
Dress. P. Fracchia. 121,529; July 16.
Dress. P. Fracchia. 122,310–4; Sept. 3.
Dress. P. Fracchia. 122,334; Sept. 3.
Dress. P. Fracchia. 122,543–4; Sept. 10.
Dress. P. Fracchia. 122,593; Sept. 17.
Dress. P. Fracchia. 122,794; Oct. 1.
Dress. P. Fracchia. 122,977; Oct. 8.
Dress. P. Fracchia. 122,993; Oct. 8.
Dress. P. Fracchia. 122,994; Oct. 8.
Dress. P. Fracchia. 123,028–9; Oct. 8.
Dress. P. Fracchia. 123,039–40; Oct. 8.
Dress. P. Fracchia. 123,518–21; Nov. 12.
Dress. P. Fracchia. 123,532–6; Nov. 12.
Dress. P. Fracchia. 123,614; Nov. 19.
Dress. P. Fracchia. 124,459–61; Dec. 31.
Dress. P. Fracchia. 124,469; Dec. 31.
Dress. P. Fracchia. 124,488–9–90; Dec. 31.
Dress. C. Frankel. 119,141; Feb. 20.
Dress. C. Frankel. 120,090; Apr. 16.
Dress. C. Frankel. 121,546–8; July 16.
Dress. E. L. Franken. 120,091; Apr. 16.
Dress. S. Franklin. 123,833–4; Dec. 3.
Dress. H. Fried. 122,739; Sept. 24.
Dress. H. N. Fried. 122,966; Oct. 8.
Dress. N. Friedman. 123,122–3; Oct. 15.
Dress. L. Friend and E. S. Wieder. 118,900; Feb. 6.
Dress. S. Frontman. 123,308–9; Oct. 29.
Dress. T. M. Fritz. 119,125; Feb. 20.
Dress. T. M. Fritz. 120,194; Apr. 23.
Dress. M. Frumkin. 120,092; Apr. 16.
Dress. M. Galowitz. 119,685; Mar. 26.
Dress. M. Galowitz. 123,030; Oct. 8.
Dress. M. Galowitz. 123,973–4; Dec. 10.
Dress. S. Garblik. 122,368; Sept. 3.
Dress. M. Gaudiosi. 124,146–52; Dec. 17.
Dress. B. Geffen. 122,369–70; Sept. 3.
Dress. A. O. Gilbert. 122,290–2; Sept. 3.
Dress. A. O. Gilbert. 122,978; Oct. 8.
Dress. A. O. Gilbert. 123,041; Oct. 8.
Dress. L. Ginsberg. 123,446; Nov. 5.
Dress. A. Glass. 123,447; Nov. 5.
Dress. F. Glass. 123,537; Nov. 12.
Dress. S. J. Goldfarb. 120,032; Apr. 16.
Dress. B. C. Goldish. 118,997; Feb. 13.
Dress. I. Goldman. 123,538; Nov. 12.
Dress. I. Goldman. 123,998; Dec. 10.
Dress. I. Goldman. 124,096; Dec. 17.
Dress. M. Goodman. 123,804; Dec. 3.
Dress. J. Gottreich. 118,998; Feb. 13.
Dress. M. Green. 119,213; Feb. 27.
Dress. A. Greenberg. 123,151; Oct. 15.
Dress. N. Greenberg. 123,448–50; Nov. 5.
Dress. B. Greenstein. 123,805; Dec. 3.
Dress. J. N. Greenstein. 119,246; Feb. 27.
Dress. S. Groner. 123,547; Nov. 12.
Dress. S. Groner. 123,836; Dec. 3.
Dress. A. S. Gross. 119,916–17; Apr. 9.
Dress S. Grossman. 120,564; May 14.
Dress. S. Grossman. 121,139; June 18.
Dress. S. Grossman. 123,013; Oct. 8.
Dress. D. Haon. 124,098; Dec. 17.
Dress. M. Haon. 119,248; Feb. 27.
Dress. M. Haon. 119,918; Apr. 9.
Dress. M. Haon. 120,280; Apr. 30.
Dress. M. Haon. 120,322–3; Apr. 30.
Dress. M. Haon. 120,483; May 14.
Dress. D. Harris. 122,532; Sept. 10.
Dress. D. Harris. 122,744–5; Sept. 24.
Dress. H. M. Harris. 122,955; Oct. 8.
Dress. H. M. Harris. 120,312; Apr. 30.
Dress. H. M. Harris. 120,324–5; Apr. 30.
Dress. H. M. Harris. 120,420; May 7.
Dress. H. M. Harris. 120,713–14; May 21.
Dress. H. M. Harris. 120,959; June 4.
Dress. H. M. Harris. 122,747–8; Sept. 24.
Dress. H. M. Harris. 124,492; Dec. 31.
Dress. P. Heit. 118,776–7; Jan. 30.
Dress. P. Heit. 119,318; Mar. 5.
Dress. P. Heit. 119,549; Mar. 19.
Dress. P. Heit. 119,686; Mar. 26.
Dress. P. Heit. 121,656; July 23.
Dress. P. Heit. 122,357–8; Sept. 3.
Dress. P. Heit. 124,493–4; Dec. 31.
Dress. M. Henesberg. 123,778; Dec. 3;
Dress. A. Henry. 120,834; May 28.
Dress. A. Henry. 124,252; Dec. 24.
Dress. D. High. 123,539; Nov. 12.
Dress. D. High. 123,808; Dec. 3.
Dress. D. High. 123,975; Dec. 10.
Dress. G. Hirsh. 118,531; Jan. 9.
Dress. E. M. Horblit. 122,839; Oct. 1.
Dress. E. M. Horblit. 123,976; Dec. 10.
Dress. L. Hoshafian. 123,453; Nov. 5.
Dress. B. Hurwitz. 124,253; Dec. 24.
Dress. B. Hurwitz. 124,283; Dec. 24.
Dress. L. Hyman. 123,043; Oct. 8.
Dress. L. Hymen. 119,251; Feb. 27.
Dress. L. Iannicelli. 120,044; Apr. 16.
Dress. L. Iannicelli. 124,099; Dec. 17.
Dress. A. Irwin. 123,977; Dec. 10.
Dress. P. Israel. 120,848; May 28.
Dress. P. Israel. 120,963; June 4.
Dress. C. Jaccarino. 119,472; Mar. 12.
Dress. C. Jaccarino. 119,687; Mar. 26.
Dress. C. Jaccarino. 119,699–700; Mar. 26.

Dress. H. Jacknow. 123,361; Oct. 29.
Dress. V. E. Jacobs. 124,471; Dec. 31.
Dress. M. Jacobson. 119,127; Feb. 20.
Dress. M. Jacobson. 123,978; Dec. 10.
Dress. N. Jacobson. 122,653; Sept. 17.
Dress. S. Jacobson. 119,919; Apr. 9.
Dress. S. Jacobson. 120,445; May 7.
Dress. S. Jacobson. 122,840; Oct. 1.
Dress. S. Jacobson. 122,870; Oct. 1.
Dress. S. Jacobson. 124,495; Dec. 31.
Dress. E. H. Jocell. 122,359; Sept. 3.
Dress. L. Joel. 122,979; Oct. 8.
Dress. L. Joel. 123,958; Dec. 10.
Dress. R. G. Judis. 122,750; Sept. 24.
Dress. N. Kaback. 118,537; Jan. 9.
Dress. N. Kaback. 118,779; Jan. 30.
Dress. N. Kaback. 119,431; Mar. 12.
Dress. N. Kaback. 122,980; Oct. 8.
Dress. N. Kaback. 123,127; Oct. 15.
Dress. N. Kaback. 123,242; Oct. 22.
Dress. N. Kaback. 123,619; Nov. 19.
Dress. L. L. Kashine. 119,825; Apr. 2.
Dress. L. L. Kashine. 122,533; Sept. 10.
Dress. L. L. Kashine. 122,549; Sept. 10.
Dress. L. L. Kashine. 122,841–2; Oct. 1.
Dress. L. L. Kashine. 123,311; Oct. 29.
Dress. L. L. Kashine 123,523; Nov. 12.
Dress. L. Katz. 118,595; Jan. 16.
Dress. L. Katz. 119,360–1; Mar. 5.
Dress. A. Kaufman. 118,596; Jan. 16.
Dress. A. Kaufman. 122,519; Sept. 10.
Dress. A. Kaufman. 122,872; Oct. 1.
Dress. S. Kaufman. 124,443; Dec. 31.
Dress. E. Kay. 120,282; Apr. 30.
Dress. E. Kay. 121,975–6; Aug. 13.
Dress. E. Kay. 122,361–2; Sept. 3.
Dress. E. Kay. 122,654; Sept. 17.
Dress. E. Kay. 122,969; Oct. 8.
Dress. E. Kay. 123,014; Oct. 8.
Dress. B. Kessler. 124,129; Dec. 17.
Dress. C. A. Kirchner. 123,809; Dec. 3.
Dress. A. Klapper. 123,456; Nov. 5.
Dress. B. Kleinman. 119,066–7; Feb. 20.
Dress. H. Kolbrener. 118,532; Jan. 9.
Dress. H. Kramer. 120,439; May 7.
Dress. S. Kronenfeld. 119,068; Feb. 20.
Dress. L. Kurth. 122,371–2; Sept. 3.
Dress. J. J. Kushner. 120,326; Apr. 30.
Dress. J. J. Kushner. 120,601–2; May 14.
Dress. S. Kuznetz. 121,657–8; July 23.
Dress. S. Kuznetz. 122,214; Aug. 27.
Dress. S. Kuznetz. 123,129; Oct. 15.
Dress. J. Lane. 118,667–8; Jan. 23.
Dress. H. Langbert. 121,977; Aug. 13.
Dress. H. Langbert. 122,751; Sept. 24.
Dress. J. S. Lanz. 122,534–5; Sept. 10.
Dress. J. S. Lanz. 123,739–40; Nov. 26.
Dress. C. K. La Ruea. 119,345–6; Mar. 5.
Dress. C. K. La Ruea. 119,708; Mar. 26.
Dress. C. K. La Ruea. 119,724—6; Mar. 26.
Dress. C. K. La Ruea. 119,921; Apr. 9.
Dress. C. K. La Ruea. 120,094; Apr. 16.
Dress. J. Leben. 123,741–2; Nov. 26.
Dress. S. B. Levey. 120,407; May 7.
Dress. A. Levine. 122,520; Sept. 10.
Dress. A. Levine. 122,649; Sept. 17.
Dress. M. M. Levine. 122,373–6; Sept. 3.
Dress. M. M. Levine. 123,243; Oct. 22.
Dress. M. M. Levine. 123,362–3; Oct. 29.
Dress. M. M. Levine. 123,811; Dec. 3.
Dress. H. Lindenbaum. 120,849; May 28.
Dress. J. Lippman. 118,426; Jan. 2.
Dress. A. Lipschitz. 123,979; Dec. 10.
Dress. S. Litt. 122,981; Oct. 8.
Dress. S. Litt. 123,032; Oct. 8.
Dress. A. Magesis. 121,841; Aug. 6.
Dress. A. Magesis. 122,996; Oct. 8.
Dress. S. Mahler. 118,540; Jan. 9.
Dress. A. Maidman. 120,300; Apr. 30.
Dress. A. Maidman. 123,365–6; Oct. 29.
Dress. B. Mansfield. 122,997; Oct. 8.
Dress. C. Mascitelli. 119,981; Apr. 16.
Dress. M. Mascitelli. 119,790; Apr. 2.
Dress. M. V. Mascitelli. 119,452; Mar. 12.
Dress. M. V. Mascitelli. 120,045; Apr. 16.
Dress. M. V. Mascitelli. 120,836; May 28.
Dress. M. Massow. 119,172; Feb. 27.
Dress. M. Massow. 119,922; Apr. 9.
Dress. H. May. 120,046; Apr. 16.
Dress. H. May. 123,813; Dec. 3.
Dress. H. May. 124,257; Dec. 24.
Dress. C. Mazola. 118,427; Jan. 2.
Dress. C. Mazola. 118,669; Jan. 23.
Dress. C. Mazola. 123,459; Nov. 5.
Dress. C. Mazola. 123,744; Nov. 26.
Dress. M. K. McClintock. 123,983; Dec. 10.
Dress. J. Messina. 123,524; Nov. 12.
Dress. J. Messina. 124,274; Dec. 24.
Dress. A. Miller. 123,745–6; Nov. 26.
Dress. A. Miller. 124,102; Dec. 17.
Dress. A. Miller. 124,155; Dec. 17.
Dress. H. Minsky. 122,998; Oct. 8.
Dress. H. Minsky. 122,999; Oct. 8.
Dress. H. Minsky. 123,000; Oct. 8.
Dress. H. Minsky. 123,044; Oct. 8.
Dress. H. Minsky. 123,460; Nov. 5.
Dress. G. Monteil. 123,943; Dec. 10.
Dress. G. Monteil. 124,259; Dec. 24.
Dress. G. Monteil. 124,275; Dec. 24.
Dress. G. Monteil. 124,463; Dec. 31.
Dress. G. Monteil. 124,474–5; Dec. 31.
Dress. G. Monteil. 124,496–8; Dec. 31.
Dress. O. C. Nadel. 124,420; Dec. 31.
Dress. A. Naftal. 123,461; Nov. 5.
Dress. A. Naftal. 123,525; Nov. 12.
Dress. A. Nager. 119,228; Feb. 27.
Dress. A. Nager. 121,148; June 18.
Dress. C. M. Neuhardt. 120,035; Apr. 16.
Dress. C. M. Neuhardt. 120,172; Apr. 23.
Dress. C. M. Neuhardt. 120,286; Apr. 30.
Dress. C. M. Neuhardt. 120,315; Apr. 30.
Dress. C. M. Neuhardt. 120,327; Apr. 30.
Dress. C. M. Neuhardt. 120,437–8; May 7.
Dress. C. M. Neuhardt. 120,440–2; May 7.
Dress. C. M. Neuhardt. 120,447; May 7.
Dress. C. M. Neuhardt. 120,465–70; May 7.
Dress. C. M. Neuhardt. 120,603; May 14.
Dress. C. M. Neuhardt. 120,688–90; May 21.
Dress. C. M. Neuhardt. 120,720; May 21.
Dress. C. M. Neuhardt. 120,850–1; May 28.
Dress. C. M. Neuhardt. 120,869; June 4.
Dress. C. M. Neuhardt. 120,891–4; June 4.
Dress. C. M. Neuhardt. 120,949; June 4.
Dress. C. M. Neuhardt. 121,055; June 11.
Dress. C. M. Neuhardt. 121,149; June 18.
Dress. C. M. Neuhardt. 122,851–2; Oct. 1.
Dress. C. M. Neuhardt. 123,002; Oct. 8.
Dress. C. M. Neuhardt. 123,367; Oct. 29.
Dress. C. M. Neuhardt. 123,526; Nov. 12.
Dress. C. M. Neuhardt. 123,626; Nov. 19.
Dress. C. M. Neuhardt. 123,999–4000; Dec. 10.
Dress. C. M. Neuhardt. 124,499; Dec. 31.
Dress. M. G. Norman. 122,537; Sept. 10.
Dress. S. Novak. 118,505; Jan. 9.
Dress. S. Novak. 119,133; Feb. 20.
Dress. S. Novak. 119,474; Mar. 12.
Dress. S. Novak. 120,080; Apr. 16.
Dress. S. Novak. 120,203–4; Apr. 23.
Dress. S. Novak. 120,329; Apr. 30.
Dress. S. Novak. 120,605–6; May 14.
Dress. S. Novak. 120,692; May 21.
Dress. S. Novak. 121,450–1; July 9.
Dress. S. Novak. 121,552; July 16.
Dress. S. Novak. 121,981–2; Aug. 13.
Dress. S. Novak. 121,984; Aug. 13.
Dress. S. Novak. 122,637; Sept. 17.
Dress. S. Novak. 122,960–2; Oct. 8.
Dress. S. Novak. 122,984; Oct. 8.
Dress. S. Novak. 123,034; Oct. 8.
Dress. S. Novak. 123,627; Nov. 19.
Dress. A. Ofshe. 119,143; Feb. 20.
Dress. M. Parnis. 123,842; Dec. 3.
Dress. R. Payne. 124,476–9; Dec. 31.
Dress. R. Payne. 124,500; Dec. 31.
Dress. F. Perlberg. 121,843–4; Aug. 6.
Dress. F. Perlberg. 123,228; Oct. 22.
Dress. C. M. Pisapia. 122,827; Oct. 1.
Dress. S. J. Poster. 119,144; Feb. 20.
Dress. M. Preller. 118,533; Jan. 9.
Dress. B. Price. 124,156; Dec. 17.
Dress. D. W. Price. 119,924; Apr. 9.
Dress. D. W. Price. 120,411; May 7.
Dress. D. W. Price. 122,059–64; Aug. 20.
Dress. D. W. Price. 122,553–5; Sept. 10.
Dress. D. W. Price. 123,004; Oct. 8.
Dress. M. Ranuzzi. 122,186; Aug. 27.
Dress. N. A. Rauch. 119,557; Mar. 19.
Dress. A. Rebhuhn. 118,602–3; Jan. 16.
Dress. A. Rebhuhn. 118,907; Feb. 6.
Dress. A. Rebhuhn. 119,008–9; Feb. 13.
Dress. A. Rebhuhn. 119,458; Mar. 12.
Dress. A. Rebhuhn. 119,347; Mar. 5.
Dress. A. Rebhuhn. 119,710–11; Mar. 26.
Dress. A. Rebhuhn. 119,793; Apr. 2.
Dress. B. Recht. 119,007; Feb. 13.
Dress. B. Recht. 119,215; Feb. 27.
Dress. E. Rentner. 122,415–6; Sept. 10.
Dress. E. Rentner. 122,448; Sept. 10.
Dress. E. Rentner. 122,756; Sept. 24.
Dress. E. Rentner. 122,802–3; Oct. 1.
Dress. E. Rentner. 122,986; Oct. 8.
Dress. E. Rentner. 122,987; Oct. 8.
Dress. E. Rentner. 123,016–8; Oct. 8.
Dress. E. Rentner. 123,229; Oct. 22.
Dress. E. Rentner. 123,323–6; Oct. 29.
Dress. E. Rentner. 123,787–8; Dec. 3.
Dress. J. Resnick. 120,083; Apr. 16.
Dress. R. Richman. 120,607; May 14.
Dress. R. Richman. 120,965; June 4.
Dress. R. Richman. 122,655; Sept. 17.
Dress. R. Richman. 123,789; Dec. 3.
Dress. A. Rinaldi and G. Pearson. 118,685–6; Jan. 23.
Dress. B. Ringel. 119,072; Feb. 20.
Dress. B. Ringel. 119,229; Feb. 27.
Dress. J. Rognoni. 121,853; Aug. 6.
Dress. F. L. Rose. 119,216; Feb. 27.
Dress. A. Rosen. 120,304; Apr. 30.
Dress. A. Rosen. 123,344; Oct. 29.
Dress. A. Rosen. 123,369; Oct. 29.
Dress. A. Rosen. 123,629; Nov. 19.

Dress. S. Rosen. 122,233; Aug. 27.
Dress. S. Rosen. 122,856; Oct. 1.
Dress. N. Rosenstein. 123,944–6; Dec. 10.
Dress. K. Rost. 118,435; Jan. 2.
Dress. K. Rost. 118,908; Feb. 6.
Dress. K. Rost. 119,075; Feb. 20.
Dress. K. Rost. 119,925; Apr. 9.
Dress. K. Rost. 120,207; Apr. 23.
Dress. K. Rost. 121,257–8; June 25.
Dress. K. Rost. 122,845; Oct. 1.
Dress. K. Rost. 122,880–2; Oct. 1.
Dress. K. Rost. 123,371; Oct. 29.
Dress. B. Roth. 119,461; Mar. 12.
Dress. B. S. Roth. 123,135; Oct. 15.
Dress. D. Rothstein. 118,783; Jan. 30.
Dress. N. Rubin. 120,173; Apr. 23.
Dress. N. Rubin. 120,181; Apr. 23.
Dress. N. Rubin. 120,412; May 7.
Dress. N. Rubin. 124,421; Dec. 31.
Dress. A. Ruchman. 119,579–80; Mar. 19.
Dress. A. Ruchman. 122,322; Sept. 3.
Dress. A. Ruchman. 122,521; Sept. 10.
Dress. S Ruchman. 119,476–9; Mar. 12.
Dress. S. Ruchman. 120,608; May 14.
Dress. S. Ruchman. 120,966; June 4.
Dress. S. Ruchman. 122,557; Sept. 10.
Dress. S. Ruchman. 124,480; Dec. 31.
Dress. M. A. Rudolph. 121,259; June 25.
Dress. L. Sabatino. 124,113; Dec. 17.
Dress. C. Samuels. 124,008; Dec. 10.
Dress. D. A. Sapienza. 118,784; Jan. 30.
Dress. W. Saunders. 123,231–2; Oct. 22.
Dress. P. Schlessel. 122,651; Sept. 17.
Dress. M. M. Schwalbaum. 123,153; Oct. 15.
Dress. M. M. Schwalbaum. 124,501–2; Dec. 31.
Dress. J. Schwartz. 118,785; Jan. 30.
Dress. S. Schwartz. 120,577–80; May 14.
Dress. B. Shapiro. 118,787; Jan. 30.
Dress. B. Shapiro. 118,911; Feb. 6.
Dress. M. J. Shapiro. 119,364; Mar. 5.
Dress. M. J. Shapiro. 122,422; Sept. 10.
Dress. M. J. Shapiro. 122,451; Sept. 10.
Dress. M. J. Shapiro. 122,884; Oct. 1.
Dress. N. Shapiro. 122,450; Sept. 10.
Dress. N. Shapiro. 122,757; Sept. 24.
Dress. N. Shapiro. 123,791–2; Dec. 3.
Dress. C. Shutman. 119,701; Mar. 26.
Dress. C. Shutman. 119,733; Mar. 26.
Dress. C. Shutman. 120,306; Apr. 30.
Dress. C. Shutman. 122,066–7; Aug. 20.
Dress. J. Siegel. 118,761–2; Jan. 30.
Dress. J. Siegel. 123,006; Oct. 8.
Dress. J. Siegel. 123,009; Dec. 10.
Dress. J. Siegel. 123,252–3; Oct. 22.
Dress. J. Siegel. 123,354–5; Oct. 29.
Dress. J. Siegel. 123,657; Nov. 19.
Dress. J. Siegel. 124,262; Dec. 24.
Dress. S. Siegel. 121,260; June 25.
Dress. S. Siegel. 123,541; Nov. 12.
Dress. S. Siegel. 123,845; Dec. 3.
Dress. E. Silverman. 122,377–8; Sept. 3.
Dress. A. L. Siverts. 122,068–72; Aug. 20.
Dress. A. L. Siverts. 122,188; Aug. 27.
Dress. A. L. Siverts. 122,212; Aug. 27.
Dress. A. L. Siverts. 122,223–5; Aug. 27.
Dress. A. L. Siverts. 122,238–40; Aug. 27.
Dress. A. L. Siverts. 122,302–3; Sept. 3.
Dress. A. L. Siverts. 122,524; Sept. 10.
Dress. A. L. Siverts. 122,526–7; Sept. 10.
Dress. A. L. Siverts. 122,538–41; Sept. 10.
Dress. A. L. Siverts. 122,558–9; Sept. 10.
Dress. A. L. Siverts. 122,609; Sept. 17.
Dress. A. L. Siverts. 123,007; Oct. 8.
Dress. A. L. Siverts. 123,137–9; Oct. 15.
Dress. A. L. Siverts. 123,154; Oct. 15.
Dress. B. H. Skoll. 123,348; Oct. 29.
Dress. W. Skolnick. 118,687–8; Jan. 23.
Dress. M. Sobelman. 120,968; June 4.
Dress. W. Slepin. 122,363–5; Sept. 3.
Dress. E. G. Slote. 123,961; Dec. 10.
Dress. E. G. Slote. 123,986; Dec. 10.
Dress. J. Smith. 122,366; Sept. 3.
Dress. A. Smithline. 124,118–21; Dec. 17.
Dress. E. Somogyi. 123,987; Dec. 10.
Dress. B. Staehle. 123,988; Dec. 10.
Dress. B. Staehle. 124,422; Dec. 31.
Dress. L. Stein. 123,465; Nov. 5.
Dress. J. M. Sterngold. 118,543–4; Jan. 9.
Dress. J. M. Sterngold. 118,913; Feb. 6.
Dress. F. T. Stix. 123,748; Nov. 26.
Dress. F. T. Stix. 123,962–3; Dec. 10.
Dress. P. Stoller. 123,155; Oct. 15.
Dress. P. Stoller. 123,372–3; Oct. 29.
Dress. M. Stone. 118,914–19; Feb. 6.
Dress. M. Stone. 119,350; Mar. 5.
Dress. M. Stone. 119,712; Mar. 26.
Dress. M. Stone. 122,423; Sept. 10.
Dress. M. Stone. 123,233; Oct. 22.
Dress. M. Stone. 123,560; Nov. 12.
Dress. M. Stone. 123,794; Dec. 3.
Dress. F. Sussman. 118,788; Jan. 30.
Dress. F. Sussman. 119,563; Mar. 19.
Dress. F. Sussman. 120,101; Apr. 16.
Dress. H. Swartz. 118,545; Jan. 9.
Dress. W. Swaybill. 123,542; Nov. 12.
Dress. M. Tint. 118,516–19; Jan. 9.
Dress. M. Tint. 119,149; Feb. 20.
Dress. M. Tint. 119,564; Mar. 19.
Dress. M. Tint. 119,683; Mar. 26.
Dress. M. Tint. 119,734; Mar. 26.
Dress. F. Tisch. 121,025; June 11.
Dress. M. Tolosi. 119,079–80; Feb. 20.
Dress. M. Tolosi. 119,690; Mar. 26.
Dress. R. Tuman. 122,560–2; Sept. 10.
Dress. W. J. Turoff. 121,985–6; Aug. 13.
Dress. B. Twaddell. 123,989; Dec. 10.
Dress. B. Twaddell. 124,166; Dec. 17.
Dress. S. Velardi. 119,352; Mar. 5.
Dress. M. Wagner. 121,987–8; Aug. 13.
Dress. L. Wals. 122,846; Oct. 1.
Dress. L. Wals. 122,964; Oct. 8.
Dress. L. Wals. 123,140; Oct. 15.
Dress. J. Wasserman. 118,429; Jan. 2.
Dress. J. Wasserman. 118,534–5; Jan. 9.
Dress. J. Wasserman. 122,965; Oct. 8.
Dress. A. Waxberg. 123,990; Dec. 10.
Dress. A. Waxberg. 124,123–4; Dec. 17.
Dress. A. Waxberg. 124,226; Dec. 24.
Dress. A. B. Weiland. 119,353; Mar. 5.
Dress. A. B. Weinberg. 119,444; Mar. 12.
Dress. A. B. Weinberg. 123,527; Nov. 12.
Dress. M. Weinstein. 119,570; Mar. 19.
Dress. M. Weinstein. 119,691; Mar. 26.
Dress. H. L. Weisburg. 122,304–5; Sept. 3.
Dress. P. Weisel. 119,692; Mar. 26.
Dress. A. Weiss. 123,660; Nov. 19.
Dress. P. Wenett. 120,717; May 21.
Dress. M. White. 120,291; Apr. 30.
Dress. M. White. 120,693; May 21.
Dress. M. Wolff. 123,036; Oct. 8.
Dress. M. Wolff. 123,141; Oct. 15.
Dress. M. Wolff. 123,156; Oct. 15.
Dress. M. Wolff. 123,349; Oct. 29.
Dress. M. Wolff. 123,375–6; Oct. 29.
Dress. M. Wolff. 124,483–4; Dec. 31.
Dress. L. Wollrauch. 120,698; May 21.
Dress. L. Wolman. 123,661; Nov. 19.
Dress. J. Woursell. 124,265; Dec. 24.
Dress. A. Wughalter. 123,157; Oct. 15.
Dress. O. Wusits. 118,789; Jan. 30.
Dress. L. Zahn. 119,121; Feb. 20.
Dress. P. Zahn. 122,331; Sept. 3.
Dress. S. Zahn. 122,243–5; Aug. 27.
Dress. S. Zahn. 122,248; Aug. 27.
Dress. S. Zahn. 122,328–30; Sept. 3.
Dress. S. Zahn. 122,348; Sept. 3.
Dress. S. Zahn. 122,542; Sept. 10.
Dress. S. Zahn. 122,565; Sept. 10.
Dress. S. Zahn. 122,831; Oct. 1.
Dress. S. Zahn. 123,374; Oct. 29.
Dress. I. Zerner. 122,988; Oct. 8.
Dress. I. Zerner. 122,989; Oct. 8.
Dress. I. Zerner. 123,331; Oct. 29.
Dress. J. Zinn. 118,764; Jan. 30.
Dress. J. Zinn. 118,791–2; Jan. 30.
Dress. J. Zinn. 119,083; Feb. 20.
Dress. J. Zinn. 119,090; Feb. 20.
Dress. J. Zinn. 119,150; Feb. 20.
Dress. J. Zinn. 119,908; Apr. 9.
Dress. J. Zinn. 119,927; Apr. 9.
Dress and slip ensemble. E. Cutler. 120,040; Apr. 16.
Dress and slip ensemble. A. Engel. 120,042; Apr. 16.
Dress and slip ensemble. A. Engel. 120,444; May 7.
Dress and slip ensemble. M. Stone. 119,713; Mar. 26.
Dress, Child's. L. J. Goldberger. 123,042; Oct. 8.
Dress, Combination evening and street. V. Scappaticcio. 118,392; Jan. 2.
Dress, Dinner. G. Monteil. 124,103; Dec. 17.
Dress ensemble. J. Abbate. 122,528; Sept. 10.
Dress ensemble. J. H. Alkon. 120,944; June 4.
Dress ensemble. V. Amen. 123,333; Oct. 29.
Dress ensemble. G. Andrée. 122,975; Oct. 8.
Dress ensemble. M. Arkin. 123,967–8; Dec. 10.
Dress ensemble. S. Aronoff. 118,587; Jan. 16.
Dress ensemble. S. Aronoff. 119,799; Apr. 2.
Dress ensemble. S. Bach. 122,153; Aug. 27.
Dress ensemble. M. Backus. 119,220; Feb. 27.
Dress ensemble. M. Backus. 119,419; Mar. 12.
Dress ensemble. M. Backus. 119,537; Mar. 19.
Dress ensemble. M. Backus. 119,910; Apr. 9.
Dress ensemble. M. Backus. 120,293; Apr. 30.
Dress ensemble. M. Backus. 124,168; Dec. 24.
Dress ensemble. P. Barone. 123,727; Nov. 26.
Dress ensemble. G. Bates. 124,434; Dec. 31.
Dress ensemble. J. Bayor. 119,693; Mar. 26.
Dress ensemble. L. Beilinson. 119,694; Mar. 26.
Dress ensemble. H. Berman. 122,991–2; Oct. 8.
Dress ensemble. H. Berman. 123,024; Oct. 8.
Dress ensemble. E. Breer. 120,701; May 21.
Dress ensemble. E. Breer. 123,712; Nov. 26.
Dress ensemble. M. Brucato. 122,847; Oct. 1.
Dress ensemble. M. Brucato. 122,860; Oct. 1.
Dress ensemble. P. Byrnes. 119,341; Mar. 5.
Dress ensemble. P. Byrnes. 119,447; Mar. 12.
Dress ensemble. P. Calick. 119,717; Mar. 26.
Dress ensemble. P. Calick. 120,295; Apr. 30.
Dress ensemble. B. Cashin. 122,180; Aug. 27.
Dress ensemble. B. Cashin. 123,992–4; Dec. 10.
Dress ensemble. B. Cashin. 123,995; Dec. 10.

Dress ensemble. B. Cashin. 124,143–4; Dec. 17.
Dress ensemble. C. Charles. 118,994; Feb. 13.
Dress ensemble. E. M. Ciccone. 120,053; Apr. 16.
Dress ensemble. H. H. Cohn. 119,913; Apr. 9.
Dress ensemble. G. Constantine. 124,091; Dec. 17.
Dress ensemble. E. Cutler. 121,227; June 25.
Dress ensemble. C. Darnell. 123,731; Nov. 26.
Dress ensemble. S. De Pasquale. 119,357; Mar. 5.
Dress ensemble. S. De Pasquale. 119,663; Mar. 26.
Dress ensemble. S. De Pasquale. 124,172; Dec. 24.
Dress ensemble. S. De Pasquale. 124,442; Dec. 31.
Dress ensemble. M. Donaghy. 121,830; Aug. 6.
Dress ensemble. A. Engel. 118,897; Feb. 6.
Dress ensemble. A. Engel. 120,043; Apr. 16.
Dress ensemble. A. Engel. 122,136; Aug. 27.
Dress ensemble. A. Engel. 122,161; Aug. 27.
Dress ensemble. A. Engel. 122,394; Sept. 10.
Dress ensemble. S. Etkin. 119,140; Feb. 20.
Dress ensemble. S. Etkin. 119,532; Mar. 19.
Dress ensemble. S. Faden. 119,124; Feb. 20.
Dress ensemble. S. Faden. 120,073; Apr. 16.
Dress ensemble. S. Faden. 120,178; Apr. 23.
Dress ensemble. L. Fox. 119,696–7; Mar. 26.
Dress ensemble. L. Fox. 120,192–3; Apr. 23.
Dress ensemble. P. Fracchia. 118,660–1; Jan. 23.
Dress ensemble. P. Fracchia. 118,664; Jan. 23.
Dress ensemble. P. Fracchia. 119,421; Mar. 12.
Dress ensemble. P. Fracchia. 119,425; Mar. 12.
Dress ensemble. P. Fracchia. 119,915; Apr. 9.
Dress ensemble. S. E. Frontman. 118,901; Feb. 6.
Dress ensemble. S. Frontman. 123,615; Nov. 19.
Dress ensemble. A. Geller. 121,444; July 9.
Dress ensemble. M. Geller. 124,249; Dec. 24.
Dress ensemble. A. O. Gilbert. 121,138; June 18.
Dress ensemble. J. Glad. 119,721; Mar. 26.
Dress ensemble. F. L. Glass. 120,808; May 28.
Dress ensemble. M. Glatman. 122,741–2; Sept. 24.
Dress ensemble. Z. Golden. 124,462; Dec. 31.
Dress ensemble. Z. Golden. 124,491; Dec. 31.
Dress ensemble. B. Greaves. 120,195–8; Apr. 23.
Dress ensemble. J. N. Greenstein. 119,247; Feb. 27.
Dress ensemble. F. Grilli. 118,773; Jan. 30.
Dress ensemble. I. Grobstein. 122,546; Sept. 10.
Dress ensemble. S. Grossman. 122,995; Oct. 8.
Dress ensemble. M. Haon. 120,405–6; May 7.
Dress ensemble. H. M. Harris. 122,746; Sept. 24.
Dress ensemble. P. Heit. 119,142; Feb. 20.
Dress ensemble. P. Heit. 119,359; Mar. 5.
Dress ensemble. P. Heit. 119,550; Mar. 19.
Dress ensemble. P. Heit. 120,066; Apr. 16.
Dress ensemble. P. Heit. 120,297; Apr. 30.
Dress ensemble. A. Henry. 120,565; May 14.
Dress ensemble. M. Hobgood. 121,145–6; June 18.
Dress ensemble. M. Hobgood. 121,445–6; July 9.
Dress ensemble. S. Jacobson. 120,169; Apr. 23.
Dress ensemble. S. Jacobson. 123,338; Oct. 29.
Dress ensemble. E. H. Jocell. 122,360; Sept. 3.
Dress ensemble. L. L. Kashine. 118,538; Jan. 9.
Dress ensemble. L. L. Kashine. 119,552; Mar. 19.
Dress ensemble. L. L. Kashine. 122,518; Sept. 10.
Dress ensemble. L. Katz. 119,344; Mar. 5.
Dress ensemble. A. Kaufman. 122,873; Oct. 1.
Dress ensemble. E. Kay. 119,450; Mar. 12.
Dress ensemble. E. Kay. 119,667; Mar. 26.
Dress ensemble. E. Kay. 120,201–2; Apr. 23.
Dress ensemble. E. Kay. 120,299; Apr. 30.
Dress ensemble. E. Kaye. 119,128–30; Feb. 20.
Dress ensemble. S. King. 120,566–7; May 14.
Dress ensemble. B. Kessler. 124,472; Dec. 31.
Dress ensemble. S. Kuznetz. 118,780; Jan. 30.
Dress ensemble. S. Kuznetz. 119,069. Feb. 20.
Dress ensemble. S. Kuznetz. 122,215–7; Aug. 27.
Dress ensemble. S. Kuznetz. 122,648; Sept. 17.
Dress ensemble. J. Lane. 118,666; Jan. 23.
Dress ensemble. J. Lipof. 119,003; Feb. 13.
Dress ensemble. M. Lynn. 123,623; Nov. 19.
Dress ensemble. A. Maidman. 120,301; Apr. 30.
Dress ensemble. A. Maidman. 123,340–1; Oct. 29.
Dress ensemble. A. Maidman. 124,101; Dec. 17.
Dress ensamble. J. Marchesa. 123,980; Dec. 10.
Dress ensemble. M. Marve. 123,981–2; Dec. 10.
Dress ensemble. C. G. Mascitelli. 119,004; Feb. 13.
Dress ensemble. C. Mazola. 118,670; Jan. 23.
Dress ensemble. C. Mazola. 119,070; Feb. 20.
Dress ensemble. H. Minsky. 122,982; Oct. 8.
Dress ensemble. H. Minsky. 123,033; Oct. 8.
Dress ensemble. C. M. Neuhardt. 119,688; Mar. 26.
Dress ensemble. A. Naubert. 124,184; Dec. 24.
Dress ensemble. M. G. Norman. 122,536; Sept. 10.
Dress ensemble. M. G. Norman. 122,552; Sept. 10.
Dress ensemble. S. Novak. 119,134–7; Feb. 20.
Dress ensemble. S. Novak. 119,453; Mar. 12.
Dress ensemble. S. Novak. 120,067–8; Apr. 16.
Dress ensemble. S. Novak. 120,081; Apr. 16.
Dress ensemble. S. Novak. 120,179; Apr. 23.
Dress ensemble. S. Novak. 120,302; Apr. 30.
Dress ensemble. S. Novak. 120,328; Apr. 30.
Dress ensemble. S. Novak. 120,330–1; Apr. 30.
Dress ensemble. S. Novak. 120,604; May 14.
Dress ensemble. S. Novak. 121,448–9; July 9.
Dress ensemble. S. Novak. 121,452; July 9.
Dress ensemble. S. Novak. 121,542; July 16.
Dress ensemble. S. Novak. 121,551; July 16.
Dress ensemble. S. Novak. 121,553–4; July 16.
Dress ensemble. S. Novak. 121,659–61; July 23.
Dress ensemble. S. Novak. 121,980; Aug. 13.
Dress ensemble. S. Novak. 121,983; Aug. 13.
Dress ensemble. S. Novak. 122,983; Oct. 8.
Dress ensemble. S. Novak. 122,985; Oct. 8.
Dress ensemble. S. Novak. 123,035; Oct. 8.
Dress ensemble. S. Novak. 123,045; Oct. 8.
Dress ensemble. S. Novak. 124,001–7; Dec. 10.
Dress ensemble. S. Novak. 124,105; Dec. 17.
Dress ensemble. C. M. Pisapia. 123,015; Oct. 8.
Dress ensemble. K. M. Pisapia. 121,453; July 9.
Dress ensemble. S. J. Poster. 119,119; Feb. 20.
Dress ensemble. W. Prezzi. 122,222; Aug. 27.
Dress ensemble. J. Richards. 124,110–1; Dec. 17.
Dress ensemble. J. Richards. 124,186; Dec. 24.
Dress ensemble. R. Richman. 121,060; June 11.
Dress ensemble. R. Richman. 123,133; Oct. 15.
Dress ensemble. S. Richman. 118,541–2; Jan. 9.
Dress ensemble. B. Rifkin. 119,459; Mar. 12.
Dress ensemble. A. Rosen. 119,323; Mar. 5.
Dress ensemble. A. Rosen. 123,368; Oct. 29.
Dress ensemble. S. Rosen. 118,428; Jan. 2.
Dress ensemble. S. Rosen. 119,074; Feb. 20.
Dress ensemble. S. Rosen. 119,120; Feb. 20.
Dress ensemble. S. Rosen. 119,145; Feb. 20.
Dress ensemble. S. Rosen. 119,534; Mar. 19.
Dress ensemble. S. Rosen. 122,234–5; Aug. 27.
Dress ensemble. N. Rosenstein. 124,261; Dec. 24.
Dress ensemble. A. Ruchman. 120,413; May 7.
Dress ensemble. M. A. Rudolph. 121,638; July 23.
Dress ensemble. J. Salzman. 122,522; Sept. 10.
Dress ensemble. A. Schwartz. 118,675; Jan. 23.
Dress ensemble. J. Schwartz. 118,786; Jan. 30.
Dress ensemble. M. Schwartz. 119,561–2; Mar. 19.
Dress ensemble. J. Siegel. 119,077; Feb. 20.
Dress ensemble. A. L. Siverts. 122,237; Aug. 27.
Dress ensemble. A. L. Siverts. 122,525; Sept. 10.
Dress ensemble. A. L. Siverts. 123,559; Nov. 12.
Dress ensemble. A. L. Siverts. 123,650; Nov. 19.
Dress ensemble. W. Skolnick. 124,117; Dec. 17.
Dress ensemble. F. Sussman. 119,367; Mar. 5.
Dress ensemble. M. Tolosi. 119,689; Mar. 26.
Dress ensemble. M. Tolosi. 119,829; Apr. 2.
Dress ensemble. P. Tuman. 119,926; Apr. 9.
Dress ensemble. P. Tuman. 120,036; Apr. 16.
Dress ensemble. H. C. Weingarten. 120,829; May 28.
Dress ensemble. M. Weinstein. 119,569; Mar. 19.
Dress ensemble. J. Woursell. 123,749; Nov. 26.
Dress ensemble. M. S. Yuni. 119,572; Mar. 19.
Dress ensemble. S. Zahn. 122,246–7; Aug. 27.
Dress ensemble. S. Zahn. 122,249; Aug. 27.
Dress ensemble or similar article. E. Breer. 124,169; Dec. 24.
Dress ensemble or similar article. A. Florek. 123,957; Dec. 10.
Dress ensemble or similar article. H. May. 123,743; Nov. 26.
Dress ensemble or similar article, Dinner. K. Stark. 124,448; Dec. 31.
Dress ensemble or similar article, Over. H. A. Ruehl. 123,314; Oct. 29.
Dress ensemble, Wedding. J. Rosener. 119,535; Mar. 19.
Dress, Maternity. J. North. 120,410; May 7.
Dress or similar article. B. Baum. 123,543; Nov. 12.
Dress or similar article. J. Bensi. 123,494; Nov. 12.
Dress or similar article. E. Breer. 123,711; Nov. 26.
Dresser or similar article. I. Carrington. 118,468; Jan. 9.
Dress or similar article. M. Croizat. 124,060; Dec. 17.
Dress or similar article. M. Croizat. 124,145; Dec. 17.
Dress or similar article. B. Cutler. 120,400; May 7.
Dress or similar article. S. De Pasquale. 123,713; Nov. 26.
Dress or similar article. S. De Pasquale. 124,292; Dec. 24.
Dress or similar article. E. Evans. 120,177; Apr. 23.
Dress or similar article. G. Gans. 123,714; Nov. 26.
Dress or similar article. M. Gaudiosi. 123,715; Nov. 26.
Dress or similar article. M. Gaudiosi. 123,733–4; Nov. 26.
Dress or similar article. M. Gaudiosi. 124,418; Dec. 31.
Dress or similar article. B. Greene. 124,174; Dec. 24.
Dress or similar article. F. Hannah. 124,175–6; Dec. 24.
Dress or similar article. H. Langer. 124,179; Dec. 24.
Dress or similar article. M. Marve. 123,506; Nov. 12
Dress or similar article. M. Marve. 124,077; Dec. 17.
Dress or similar article. M. Marve. 124,444; Dec. 31.
Dress or similar article. R. Payne. 124,445; Dec. 31.
Dress or similar article. N. Rosenstein. 124,079; Dec. 17.
Dress or similar article. N. Rosenstein. 124,447; Dec. 31.
Dress or similar article. E. G. Slote. 123,464; Nov. 5.
Dress or similar article. K. Stark. 124,188; Dec. 24.
Dress or similar article. A. Waxberg. 123,642; Nov. 19.
Dress or the like, Uniform. L. M. Cooper. 123,145–50; Oct. 15.
Dress, Panty. S. Landorf. 121,234–5; June 25.
Dress, Panty. S. Landorf. 121,247; June 25.
Dress, Play. D. Luntz. 120,686; May 21.
Dress, Woman's. M. Rubin. 120,180; Apr. 23.
Dresser or similar article, Vanity. G. Krick. 118,943; Feb. 13.

Drier or the like, Hair. M. H. Frisbie and H. S. Preble, Jr. 123,594; Nov. 19.
Drier, Photographic print. J. J. Grabfield. 120,732; May 28.
Drill bit. M. Hokanson. 121,474; July 16.
Drip catcher. A. May. 122,778; Oct. 1.
Dropper bulb or similar article. G. M. Scattergood. 122,638; Sept. 17.
Dry cleaning unit. H. G. Sutton. 120,681; May 21.
Dryer, Hair. E. F. and M. J. Suter, and H. Beike. 124,049; Dec. 17.
Drying device, Finger nail. W. L. Kisling. 123,781; Dec. 3.
Duplicating machine. N. B. and L. A. Keller. 121,593; July 23.
Duplicating machine. W. A. Kropp. 119,625; Mar. 26.
Dustpan. F. C. Prentice. 123,510; Nov. 12.
Earring. M. C. Martindale. 121,842; Aug. 6.
Earring. A. Philippe. 122,090; Aug. 20.
Earring or similar article. V. Silson. 121,341; June 2.
Easel, for chewing gum or the like, Display. K. Fink. 123,567; Nov. 19.
Easel or similar article. H. E. Fisk and K. E. Dyer. 118,443; Jan. 9.
Electrical transport unit, Multiple outlet. J. A. McCarthy. 122,497; Sept. 10.
Electron tube base or similar article. P. Haas. 124,193; Dec. 24.
Embalming apparatus. J. B. Turner, II, R. L. Thompson, and E. W. Waters. 121,333; July 2.
Emblem, Identification. S. R. Wells. 120,367; May 7.
Emblem or similar article, Commemorative. M. D. Cavagnaro. 121,008; June 11.
Emblem plate, Automobile. R. A. Hall. 122,294; Sept 3.
Embroidered trimming. H. J. Fieger. 122,012–3; Aug. 20.
Embroidered trimming. F. Hoenig. 120,960–2; June 4.
End piece for ropes or the like. S. Behr. 122,621; Sept. 17.
Enlarger. H. R. Habig. 120,505; May 14.
Envelope. H. W. Davis. 119,449; Mar. 12.
Envelope. W. Whiting. 123,247; Oct. 22.
Envelope or similar article, Package. L. L. Salfisberg. 118,989; Feb. 13.
Envelope or similar package, Multiple. H. Tanis 123,512; Nov. 12.
Envelope, Seed. W. L. Earnshaw. 118,497; Jan. 9.
Eraser and pencil tip, Combined. D. Juelss. 124,232; Dec. 24.
Escutcheon plate for stoves or the like. E. D. Pellegrin. 123,417–8; Nov. 5.
Evaporating apparatus. M. J. Kermer. 124,428; Dec. 31.
Exercising apparatus. R. F. Wright. 118,847; Feb. 6.
Exhaust pipe extension. L. E. Russell. 121,545; July 16.
Extractor and macerator, Combined juice. R. Drachenberg. 118,470; Jan. 9.
Extractor, Fruit juice. W. P. Koch. 121,876; Aug. 13.
Extractor or the like, Cream. F. B. Phillips. 124,200; Dec. 24.
Eyelid protector-turner-holder. H. Leyne. 119,329; Mar. 5.
Fabric, Drapery. H. Josephson. 120,508; May 14.
Fabric, Elastic. E. Cosman. 121,648; July 23.
Fabric, Elastic. E. F. Gaines. 119,548; Mar. 19.
Fabric, Elastic. O. E. Huber. 119,859; Apr. 9.
Fabric, Elastic. F. Ruhroth. 122,208; Aug. 27.
Fabric, Elastic. D. Wishnack. 118,925; Feb. 6.
Fabric, Elastic gathered. M. B. Kaplan. 119,223; Feb. 27.
Fabric, Elastic textile. C. E. Turk. 118,795; Jan. 30.
Fabric, Elastic web. N. E. Randall. 121,000; Aug. 20.
Fabric, Embroidered. J. Aarons. 119,116; Feb. 20.
Fabric, Embroidered. A. Grossman. 122,140–4; Aug. 27.
Fabric, Embroidered. M. Leff. 119,675; Mar. 26.
Fabric, Embroidered. M. Leff. 119,709; Mar. 26.
Fabric, Knitted. L. E. Braverman. 120,165; Apr. 23.
Fabric, Knitted. T. A. Kalil. 121,679; July 30.
Fabric, Knitted. T. A. Kalil. 121,839; Aug. 6.
Fabric, Knitted. T. A. Kalil. 121,900; Aug. 13.
Fabric, Knitted. T. A. Kalil. 122,023; Aug. 20.
Fabric, Knitted. C. Moses. 122,780; Oct. 1.
Fabric, Knitted. M. Weber. 119,252; Feb. 27.
Fabric, Knitted curtain. R. Lubarsky and F. Smizaski. 119,451; Mar. 12.
Fabric, Knitted curtain. R. Lubarsky and F. Smizaski. 121,357; July 2.
Fabric, Narrow woven. C. S. Wackerman. 123,707; Nov. 26.
Fabric or similar article, Curtain. M. Sadinoff. 121,797; Aug. 6.
Fabric or similar article, Embroidered. J. Hartmenn. 122,355–6; Sept. 3.
Fabric or similar article, Embroidered textile. G. Canelstein. 123,335; Oct. 29.
Fabric or similar article, Embroidered textile. E. W. Freudenberg. 118,805; Jan. 30.
Fabric or similar article, Knitted textile. M. Doft. 120,376; May 7.
Fabric or similar article of manufacture, Knitted. F. E. Katzner. 123,780; Dec. 3.
Fabric or similar article of manufacture, Knitted. H. B. Sheplan. 119,839–40; Apr. 2.
Fabric or similar article of manufacture, Knitted. H. B. Sheplan. 120,630–2; May 21.
Fabric or similar article of manufacture, Knitted. H. B. Sheplan. 121,198; June 25.
Fabric or similar article, Ribbon. J. Schnitt. 121,150; June 18.
Fabric or similar article, Textile. W. E. Barrott. 120,496; May 14.
Fabric or similar article, Textile. A. E. Bernstein. 123,282–8; Oct. 29.
Fabric or similar article, Textile. E. P. Bixer. 118,690; Jan. 23.
Fabric or similar article, Textile. E. P. Bixer. 121,031–35; June 11.
Fabric or similar article, Textile. E. P. Bixer. 121,267–9; July 2.
Fabric or similar article, Textile. E. P. Bixer. 122,622–3; Sept. 17.
Fabric or similar article, Textile. E. P. Bixer. 122,657; Sept. 24.
Fabric or similar article, Textile. W. L. Cleverly. 124,090; Dec. 17.
Fabric or similar article, Textile. M. L. Cohen. 120,584; May 14.
Fabric or similar article, Textile. H. Feldman. 118,899; Feb. 6.
Fabric or similar article, Textile. L. Harttmann. 118,413; Jan. 2.
Fabric or similar article, Textile. J. G. Jacob. 121,322; July 2.
Fabric or similar article, Textile. C. Korzinek, Jr. 120,093; Apr. 16.
Fabric or similar article, Textile. E. Mentz. 120,272; Apr. 30.
Fabric or similar article, Textile. J. W. Orian. 121,041; June 11.
Fabric or similar article, Textile. A. Proteau. 124,108; Dec. 17.
Fabric or similar article, Textile. L. Rosenblatt. 119,460; Mar. 12.
Fabric or similar article, Textile. A. Rosenstein. 121,795; Aug. 6.
Fabric or similar article, Textile. M. Sadinoff. 121,774–7; Aug. 6.
Fabric or similar article, Textile. M. Sadinoff. 121,854–5; Aug. 6.
Fabric or similar article, Textile. S. Schiffman. 121,639; July 23.
Fabric or similar article, Textile. C. F. Scholle. 119,463; Mar. 12.
Fabric or similar article, Textile. R. Schmidt. 118,760; Jan. 30.
Fabric or similar article, Textile. A. S. Selverstone. 119,795; Apr. 2.
Fabric or similar article, Textile. R. Sokoloff. 123,632; Nov. 19.
Fabric or similar article, Textile. W. Steffen. 120,287–90; Apr. 30.
Fabric or similar article, Textile. W. Steffen. 120,389; May 7.
Fabric or similar article, Textile. W. Steffen. 120,517; May 14.
Fabric or similar article, Textile. H. S. Sumerfield. 123,964; Dec. 10.
Fabric or similar article, Textile. M. A. Susi. 120,163; Apr. 23.
Fabric or similar article, Textile. M. Turpan. 118,691; Jan. 23.
Fabric or similar article, Textile. M. Turpan. 118,796–8; Jan. 30.
Fabric or similar article, Textile. M. Turpan. 119,106; Feb. 20.
Fabric or similar article, Textile. M. Turpan. 119,115; Feb. 20.
Fabric or similar article, Textile. M. Turpan. 120,519; May 14.
Fabric or similar article, Textile. M. Turpan. 121,263; June 25.
Fabric or similar article, Textile. M. Turpan. 121,376–82; July 9.
Fabric or similar article, Textile. D. V. Villasenor. 121,043; June 11.
Fabric or similar article, Textile. A. Zavell. 120,251; Apr. 30.
Fabric or similar article, Textile. A. Zavell. 120,278; Apr. 30.
Fabric or similar article, Textile. A. Zavell. 124,376; Dec. 31.
Fabric or the like, Composite tucked. M. Geller. 122,953; Oct. 8.
Fabric or the like, Embossed leather. J. Frischer. 119,547; Mar. 19.
Fabric or the like, Textile. L. Goldstein. 122,483; Sept. 10.
Fabric, Pleated. J. Frischer. 122,740; Sept. 24.
Fabric, Puffed. G. Berger. 122,078; Aug. 20.
Fabric, Puffed and embroidered. M. B. Kaplan. 118,878; Feb. 6.
Fabric, Ribbon. G. H. Simon. 118,436–7; Jan. 2.
Fabric, Ribbon. I. B. Simon. 121,057; June 11.
Fabric, Textile. R. F. Allgor. 124,352; Dec. 31.
Fabric, Textile. J. Black. 119,485; Mar. 19.
Fabric, Textile. J. Black. 120,253; Apr. 30.
Fabric, Textile. H. Blumbaum. 120,660; May 21.
Fabric, Textile. R. Boardman. 121,713; July 30.

Fabric, Textile. L. Bondy. 118,589–90; Jan. 16.
Fabric, Textile. I. Brecher. 120,775; May 28.
Fabric, Textile. A. M. Brooks. 122,633; Sept. 17.
Fabric, Textile. F. A. Brooks. 124,353; Dec. 31.
Fabric, Textile. L. Bry. 118,536; Jan. 9.
Fabric, Textile. E. Bry. 121,064; June 18.
Fabric, Textile. E. Bry. 121,668; July 30.
Fabric, Textile. R. Buzzini. 123,728–9; Nov. 26.
Fabric, Textile. H. J. Carragher and T. B. Wilson. 120,254; Apr. 30.
Fabric, Textile. H. J. Carragher and T. B. Wilson. 120,748; May 28.
Fabric, Textile. H. J. Carragher and T. B. Wilson. 120,798–802; May 28.
Fabric, Textile. H. J. Carragher and T. B. Wilson. 123,643–4; Nov. 19.
Fabric, Textile. M. Cembalest. 120,684; May 21.
Fabric, Textile. M. Cembalest. 122,658; Sept. 24.
Fabric, Textile. M. Christen. 122,647; Sept. 17.
Fabric, Textile. M. Christen. 122,735; Sept. 24.
Fabric, Textile. M. Christen. 124,089; Dec. 17.
Fabric, Textile. C. W. Clackett and A. M. Werner. 123,205; Oct. 22.
Fabric, Textile. A. Clemente. 122,718; Sept. 24.
Fabric, Textile. M. L. Cohen. 119,929; Apr. 16.
Fabric, Textile. I. Cummings. 119,954; Apr. 16.
Fabric, Textile. I Cummings. 119,994–5; Apr. 16.
Fabric, Textile. I. Cummings. 120,183; Apr. 23.
Fabric, Textile. I. Cummings. 120,777–8; May 28.
Fabric, Textile. I. Cummings. 120,987; June 11.
Fabric, Textile. I. Cummings. 121,090; June 18.
Fabric, Textile. I. Cummings. 121,346–7; July 2.
Fabric, Textile. I. Cummings. 122,191; Aug. 27.
Fabric, Textile. I. Cummings. 123,360; Oct. 29.
Fabric, Textile. I. Cummings. 124,441; Dec. 31.
Fabric, Textile. G. B. Di Gangi. 119,930; Apr. 16.
Fabric, Textile. E. S. Emsheimer. 122,661; Sept. 24.
Fabric, Textile. M. Etlinger. 120,089; Apr. 16.
Fabric, Textile. M. Etlinger. 120,257; Apr. 30.
Fabric, Textile. G. J. Finnegan. 120,377; May 7.
Fabric, Textile. G. J. Finnegan. 120,431–3; May 7.
Fabric, Textile. G. J. Finnegan. 120,502–3; May 14.
Fabric, Textile. G. J. Finnegan. 120,617; May 21.
Fabric, Textile. G. J. Finnegan. 120,781; May 28.
Fabric, Textile. C. E. Forstmann. 120,262; Apr. 30.
Fabric, Textile. C. E. Forstmann. 120,379; May 7.
Fabric, Textile. D. B. Fuller. 118,412; Jan. 2.
Fabric, Textile. N. Garfinkl. 124,470; Dec. 31.
Fabric, Textile. R. S. Gentile. 120,753; May 28.
Fabric, Textile. R. S. Gentile. 120,807; May 28.
Fabric, Textile. R. S. Gentile. 121,010; June 11.
Fabric, Textile. R. S. Gentile. 121,047; June 11.
Fabric, Textile. R. S. Gentile. 121,229; June 25.
Fabric, Textile. R. S. Gentile. 122,139; Aug. 27.
Fabric, Textile. R. S. Gentile. 123,478; Nov. 12.
Fabric, Textile. R. S. Gentile. 124,357; Dec. 31.
Fabric, Textile. R. Gold. 120,434; May 7.
Fabric, Textile. A. Goldenheim. 119,111–12; Feb. 20.
Fabric, Textile. J. J. Goldsmith. 122,867; Oct. 1.
Fabric, Textile. S. Grauer. 124,403–4; Dec. 31.
Fabric, Textile. F. C. Green. 123,240; Oct. 22.
Fabric, Textile. A. Grivin. 119,495; Mar. 19.
Fabric, Textile. N. Grodnick. 118,999–119,000; Feb. 13.
Fabric, Textile. M. Guhl. 118,373; Jan. 2.
Fabric, Textile. M. Guhl. 121,355–6; July 2.
Fabric, Textile. M. Guhl. 121,727; July 30.
Fabric, Textile. M. L. Guhl. 120,833; May 28.
Fabric, Textile. A. J. Heinke and A. Kahn. 121,788; Aug. 6.
Fabric, Textile. J. B. Hoffman. 124,028; Dec. 17.
Fabric, Textile. S. Jacobs. 119,500; Mar. 19.
Fabric, Textile. J. R Jowett. 119,026; Feb. 13.
Fabric, Textile. T. A. Kalil. 120,199–200; Apr. 23.
Fabric, Textile. L. Kalman. 120,509; May 14.
Fabric, Textile. G. M. Kates. 122,871; Oct. 1.
Fabric, Textile. G. M. Kates. 124,387; Dec. 31.
Fabric, Textile. A. Katz. 121,416; July 9.
Fabric, Textile. A. Katz. 121,571; July 23.
Fabric, Textile. A. Katz. 121,642; July 23.
Fabric, Textile. A. Katz. 121,682–4; July 30.
Fabric, Textile. B. M. Kaufman. 118,431; Jan. 2.
Fabric, Textile. S. Z. Kaye. 123,735–8; Nov. 26.
Fabric, Textile. B. Kleinman. 119,118; Feb. 20.
Fabric, Textile. J. L. Koehne. 120,159; Apr. 23.
Fabric, Textile. W. A. Landry. 121,324; July 2.
Fabric, Textile. J. W. Lindsay. 120,995; June 11.
Fabric, Textile. J. W. Lindsay. 121,015; June 11.
Fabric, Textile. J. W. Lindsay. 121,530; July 16.
Fabric, Textile. J. W. Lindsay. 122,044; Aug. 20.
Fabric. Textile. J. T. MacDonald. 119,831; Apr. 2.
Fabric, Textile. J. S. Madsen. 120,268; Apr. 30.
Fabric, Textile. L. G. Meurer. 118,434; Jan. 2.
Fabric, Textile. L. G. Meurer. 119,005; Feb. 13.
Fabric, Textile. S. B. Musson. 118,906; Feb. 6.
Fabric, Textile. S. B. Musson. 119,132; Feb. 20.
Fabric, Textile. S. B. Musson. 119,227; Feb. 27.
Fabric, Textile. S. B. Musson. 119,868; Apr. 9.
Fabric, Textile. S. B. Musson. 121,750; July 30.
Fabric, Textile. H. Odzer. 118,880–5; Feb. 6.
Fabric, Textile. H. Odzer. 118,889–91; Feb. 6.
Fabric, Textile. A. L. Oltarsh. 124,106; Dec. 17.
Fabric, Textile. A. L. Oltarsh. 124,358; Dec. 31.
Fabric, Textile. W. C. Pahlmann. 118,892; Feb. 6.
Fabric, Textile. E. M. Patterson. 122,853; Oct. 1.
Fabric, Textile. A. Proteau. 124,408; Dec. 31.
Fabric, Textile. E. Raphaels. 120,205; Apr. 23.
Fabric, Textile. E. Raphaels. 122,618; Sept. 17.
Fabric, Textile. E. Raphaels. 123,747; Nov. 26.
Fabric, Textile. F. Reckendorf. 124,109; Dec. 17.
Fabric, Textile. P. Reiman. 122,854; Oct. 1.
Fabric, Textile. P. Reiman. 123,131–2; Oct. 15.
Fabric, Textile. P. Reiman. 124,359–66; Dec. 31.
Fabric, Textile. E. S. Ross. 120,274; Apr. 30.
Fabric, Textile. J. Rubin. 118,673–4; Jan. 23.
Fabric, Textile. J. Rubin. 118,909–10; Feb. 6.
Fabric. Textile. J. Rubin. 119,029; Feb. 13.
Fabric, Textile. J. Rubin. 121,903–4; Aug. 13.
Fabric, Textile. J. Rubin. 124,112; Dec. 17.
Fabric, Textile. F. Scalamandré. 120,186; Apr. 23.
Fabric, Textile. A. F. Schlatter. 119,231; Feb. 27.
Fabric, Textile. A. F. Schlatter. 121,287–8; July 2.
Fabric, Textile. A. F. Schlatter. 121,733; July 30.
Fabric, Textile. H. B. Schneiderwind. 120,208; Apr. 23
Fabric, Textile. H. B. Schneiderwind. 121,129; June 18.
Fabric, Textile. H. B. Schneiderwind. 121,328; July 2.
Fabric, Textile. H. B. Schneiderwind. 121,401; July 9.
Fabric, Textile. L. Schwartzberg. 124,367; Dec. 31.
Fabric, Textile. J. Segall. 122,729; Sept. 24.
Fabric, Textile. J. Segall. 122,857; Oct. 1.
Fabric, Textile. A. S. Selverstone. 118,513; Jan. 9.
Fabric, Textile. C. Shapiro. 120,655; May 21.
Fabric, Textile. H. R. Shapiro. 118,794; Jan. 30.
Fabric, Textile. S. Sherman. 124,334–50; Dec. 31.
Fabric, Textile. S. Sherman. 124,368–72; Dec. 31.
Fabric, Textile. S. Sherman. 124,464; Dec. 31.
Fabric, Textile. R. H. Shipston. 122,034; Aug. 20.
Fabric, Textile. M. E. Singerman. 120,231; Apr. 30.
Fabric, Textile. F. J. Smith. 124,374; Dec. 31.
Fabric, Textile. M. Sokoloff. 121,578; July 23.
Fabric, Textile. F. Sudell. 119,985–8; Apr. 16.
Fabric, Textile. F. Sudell. 120,455; May 7.
Fabric, Textile. F. Sudell. 122,037; Aug. 20.
Fabric, Textile. A. Tabin. 119,351; Mar. 5.
Fabric, Textile. C. A. Tips. 118,438; Jan. 2.
Fabric, Textile. C. A. Tips. 118,886; Feb. 6.
Fabric, Textile. C. A. Tips. 119,138; Feb. 20.
Fabric, Textile. C. A. Tips. 124,084; Dec. 17.
Fabric, Textile. C. A. Tips. 124,130–3; Dec. 17.
Fabric, Textile. F. Ullman. 120,841; May 28.
Fabric, Textile. F. Ullman. 121,644; July 23.
Fabric, Textile. J. A. van der Does and S. K. Lederman. 124,481; Dec. 31.
Fabric, Textile. H. Veit. 121,143; June 18.
Fabric, Textile. G. Virgile. 118,402; Jan. 2.
Fabric, Textile. G. Virgile. 124,482; Dec. 31.
Fabric, Textile. J. L. Walther. 121,051; June 11.
Fabric, Textile. W. W. Weber. 121,134; June 18.
Fabric, Textile. S. Weinberg. 121,756; July 30.
Fabric, Textile. H. W. Wilde. 118,399–400; Jan. 2.
Fabric, Tucked. M. B. Kaplan. 119,224; Feb. 27.
Fabric, Tucked. M. B. Kaplan. 121,513; July 16.
Fabric, Woven. H. O. Hollingworth. 120,184; Apr. 23.
Fabric, Woven pile. W. Wells. 121,310–3; July 2.
Fabric, Woven textile. J. R. Lister. 118,539; Jan. 9.
Fabric, Woven textile. J. R. Lister. 118,583; Jan. 16.
Fabric, Woven textile. A. Tillman. 121,042; June 11.
Facsimile machine. W. G. H. Finch. 123,053; Oct. 15.
Fan unit, Electric. R. C. Sabins. 123,656; Nov. 19.
Fastener or similar article, Initialed necktie. C. Silverman. 122,452; Sept. 10.
Fastener prong ring. O. J. Huelster. 123,695–7; Nov. 26.
Faucet. R. T. Cornelius. 124,228; Dec. 24.
Faucet. L. Keller. 121,280–2; July 2.
Faucet attachment. C. E. Lehman. 121,391; July 9.
Feeder, Bird. D. B. Hyde. 119,588; Mar. 26.
Feeder, Bird. F. Moore. 120,350; May 7.
Feeding station, Bird. H. H. Francine. 122,264; Sept. 3.
Fence. C. D. Harris. 118,446; Jan. 9.
Fence charger, Electric. A. P. Jorgenson. 122,484; Sept. 10.
Fence, Wire. F. A. Luebbe. 121,817; Aug. 6.
Fender, Automobile. R. Cadwallader. 122,383–5; Sept. 10.
Fender, Automobile. R. Cadwallader. 122,505–6; Sept. 10.
Fender, Automobile. R. Cadwallader. 122,625; Sept. 17.
Fender, Automobile front. R. J. Waterbury. 124,134; Dec. 17.
Fender for a vehicle, Front. R. J. Waterbury. 123,330; Oct. 29.
Fender for automotive vehicles. H. G. Heaslet. 121,093; June 18.
Ferrule for use on utensils or similar articles. S. W. Farber. 122,772; Oct. 1.
Fertilizer distributor and container, Combined. F. F. Paskewitz. 119,475; Mar. 12.
Field glass or similar article. C. A. Mowrey. 123,679; Nov. 26.
Figure, Mechanical. B. B. Burkitt. 122,916; Oct. 8.
Figure of a bird. G. W. Vipond. 119,191; Feb. 27.
File and powder scoop, Combined finger nail. R. C. Buffum. 120,525; May 14.
Film viewer. L. W. Freeman. 120,973; June 11.
Film winder. W. W. Boes. 121,888–9; Aug. 13.
Filter, Air. M. Sinclair. 118,420; Jan. 2.
Filter, Air. M. Sinclair. 122,931; Oct. 8.

Filter, Coffee maker. E. L. Wood. 119,057; Feb. 20.
Filter, Continuous rotary drum. E. D. Flynn. 121,786–7; Aug. 6.
Filter unit. I. Horckitz. 121,162; June 25.
Filter, Water-faucet. S. Lieberman. 120,915; June 4.
Finding for pins or similar articles of jewelry. F. Morrow. 122,753–4; Sept. 24.
Finger operated member for control apparatus. W. L. Dunn. 119,316; Mar. 5.
Fire detecting device. S. T. Van Houten. 119,200; Feb. 27.
Fire extinguisher. P. A. Stover. 121,083; June 18.
Fire extinguisher or similar article. H. C. Grant, Jr. 121,011; June 11.
Fire extinguisher or similar article. H. V. Saffell. 121,620; July 23.
Fire truck, Aerial. J. J. Grybos. 122,507; Sept. 10.
Fish lure. J. E. Clark. 122,890; Oct. 8.
Fishing rod tip. J. M. Lonn. 122,898; Oct. 8.
Fixture, Fluorescent lighting. E. F. Guth. 120,548; May 14.
Fixture or similar article, Light projecting. J. Mielziner. 118,671; Jan. 23.
Fixture or similar article, Merchandise display stock. E. B. Becker. 118,361; Jan. 2.
Flashlight. J. Galter. 119,852; Apr. 9.
Flashlight. J. P. Gits. 120,669–70; May 21.
Flashlight. R. G. William. 119,416; Mar. 12.
Flashlight. M. J. Zimmer. 121,315; July 2.
Flashlight for ladies' purses. L. Hammerschmidt. 123,837; Dec. 3.
Flashlight for theaters. E. V. Gray. 121,012; June 11.
Flask, Whiskey. D. E. Briner. 119,202; Feb. 27.
Flatiron, Electric. H. Ketcham. 122,270; Sept. 3.
Flatiron, Gasoline. B. W. Tullis. 119,646; Mar. 26.
Flatiron, Liquid hydrocarbon. B. W. Tullis. 122,948; Oct. 8.
Floor covering or similar article, Textile. W. O. Dewsbury. 120,665; May 21.
Floor covering or similar article, Textile. W. O. Dewsbury. 120,702; May 21.
Floor covering or similar article, Textile. W. O. Dewsbury. 124,306; Dec. 31.
Floor covering or the like. F. X. Boland. 121,465; July 16.
Floor covering or the like. F. Murphy. 121,481; July 16.
Floor covering or the like. H. R. Sauer. 121,905; Aug. 13.
Floor covering or the like. A. E. Smidlein. 121,484; July 16.
Floor covering, Textile. F. Sudell. 121,332; July 2.
Floor surfacing machine. W. E. Holt. 118,581; Jan. 16.
Flower, Artificial. W. W. Goldin. 121,569; July 23.
Flower, Artificial. W. W. Goldin. 121,675; July 30.
Flower block and display stand therefor, Combined. H. A. Fuld. 119,430; Mar. 12.
Fluid diffuser element. C. E. Ford. 122,817; Oct. 1.
Fluid dispensing unit. R. C. Pierson and W. G. Schepman. 122,879; Oct. 1.
Folio for photographic prints, Folding. C. H. Geppert. 122,818; Oct. 1.
Font, Holy water. O. Amend. 121,664; July 30.
Font of type. F. Benioff. 120,774; May 28.
Font of type. F. H. Riley. 120,694; May 21.
Food mixing apparatus. R. C. Geiger, D. A. Meeker, and E. H. Arens. 120,342; May 7.
Food platter or the like. A. V. Brown. 119,736; Apr. 2.
Food processing mold or similar article. F. H. Hoy. 119,783; Apr. 2.
Food shell, Edible. B. B. Tolmack. 119,054; Feb. 20.
Footstock for machine tools. M. A. Hollengreen and R. E. Price. 121,246; June 25.
Footstool. A. Burt. 122,479; Sept. 10.
Fork. L. S. Mast. 118,684; Jan. 23.
Fork and fender for velocipedes, Combined front. J. R. Morgan. 118,828; Feb. 6.
Fork, Kitchen. J. E. Rude. 118,714; Jan. 30.
Fork, Olive and pickle. G. J. Capewell. 123,664–5; Nov. 26.
Form for haberdashery, Display. A. E. Orloff. 119,046; Feb. 20.
Fountain, Soda. S. H. Knight. 119,623; Mar. 26.
Frame and flower holder, Combination supporting. L. P. Weil. 118,488; Jan. 9.
Frame and flower holder, Combination supporting. L. P. Weil. 123,193; Oct. 22.
Frame and support for grinding machines or the like, Combined. J. Y. Blazek. 122,624; Sept. 17.
Frame, Door. J. E. Druckenmiller. 119,744; Apr. 2.
Frame for automatic vulcanizers, Supporting. L. Steiner. 123,579; Nov. 19.
Frame for child's rocking toy or similar article, Base. L. Peltier. 121,000; June 11.
Frame for ladies' handbags. W. J. Kirst. 122,843; Oct. 1.
Frame for pictures and the like. A. Pacenzia. 120,627; May 21.
Frame, Goggle. J. C. Foster. 120,504; May 14.
Frame, Handbag. L. Freidman. 121,745; July 30.
Frame, Handbag. I. Jolles. 121,348; July 2.
Frame, Handbag. C. Karron. 121,013; June 11.
Frame, Handbag. N. Liebes. 124,388; Dec. 31.
Frame, Illuminated sign. P. Y. Whitman. 119,511; Mar. 19.
Frame or the like, Handbag. W. J. Reilly. 120,595; May 14.
Frame or the like, Hand-mirror. C. H. Lawrence. 122,626–7; Sept. 17.
Frame or the like, Hand mirror. A. F. Reilly. 120,716; May 21.
Frame, Picture. B. L. Strand. 124,048; Dec. 17.
Frame, Picture. S. M. Tucker. 121,353; July 2.
Frame, Swing. F. C. Castelli. 122,073; Aug. 20.
Freezer and dispenser, Combined ice cream. M. W. Huber. 122,118; Aug. 27.
Freezer, Counter. G. Coty. 122,159; Aug. 27.
Freezer, Ice cream. J. W. Townsend. 118,954; Feb. 13.
Frost dispeller. F. M. Woodward. 123,633; Nov. 19.
Funnel. H. H. Martin. 118,723; Jan. 30.
Fur beater. L. F. Cramer. 119,977; Apr. 16.
Furnace body. M. C. Richardson. 122,148; Aug. 27.
Fusee dispenser. C. M. Bolser. 119,033; Feb. 20.
Game apparatus. J. C. Koci. 119,591; Mar. 26.
Game apparatus, Bowling. I. H. Wilsey. 121,779; Aug. 6.
Game board. D. L. Alger. 119,032; Feb. 20.
Game board. W. E. Andrews. 119,370; Mar. 12.
Game board. E. S. Bittar. 123,852; Dec. 10.
Game board. R. A. Bradley. 122,253; Sept. 3.
Game board. J. K. Cabral. 122,566; Sept. 17.
Game board. K. R. Caldwell. 122,937; Oct. 8.
Game board. R. H. Deaderick. 118,694; Jan. 30.
Game board. L. K. Dorfman. 121,919; Aug. 13.
Game board. W. L. Flacks. 122,014; Aug. 20.
Game board. W. L. Flacks. 122,104; Aug. 20.
Game board. P. Frakas. 122,662–4; Sept. 24.
Game board. C. W. Godefroy. 124,024; Dec. 17.
Game board. J. E. Gould. 119,260; Mar. 5.
Game board. J. J. Harmer. 122,395; Sept. 10.
Game board. S. M. Hayes. 122,797; Oct. 1.
Game board. J. R. Hedger. 123,882; Dec. 10.
Game board. L. Heflin and C. M. Skuderna. 119,751; Apr. 2.
Game board. W. J. Hohn. 121,277–9; July 2.
Game board. W. J. Hohn. 121,297; July 2.
Game board. W. J. Hohn. 121,320–1; July 2.
Game board. W. J. Hohn. 121,768; Aug. 6.
Game board. V. O. Jacobs. 119,804; Apr. 2.
Game board. M. E. Johns. 122,121; Aug. 27.
Game board. L. F. Johnson and L. H. Wilson. 119,589; Mar. 26.
Game board. E. L. Jones. 120,643; May 21.
Game board. V. D. Keller. 118,682; Jan. 23.
Game board. F. A. Kuehn. 122,125–7; Aug. 27.
Game board. I. M. Lentuch. 123,057; Oct. 15.
Game board. R. L. Lett. 120,994; June 11.
Game board. J. R. Leveque and C. J. Maguire. 122,024; Aug. 20.
Game board. B. Levy. 123,267; Oct. 29.
Game board. W. Maidt. 123,089; Oct. 15.
Game board. M. Marvin. 122,901; Oct. 8.
Game board. J. W. McFerran. 124,320; Dec. 31.
Game board. A. H. Moore. 123,508; Nov. 12.
Game board. F. Moring. 123,817; Dec. 3.
Game board. G. Murphy. 119,762; Apr. 2.
Game board. A. Riddle. 119,869; Apr. 9.
Game board. S. Roth. 119,505; Mar. 19.
Game board. J. J. Sanders. 121,375; July 9.
Game board. G. Simpkins. 124,373; Dec. 31.
Game board. W. E. Smith. 119,402; Mar. 12.
Game board. C. E. Smith, Jr. 119,401; Mar. 12.
Game board. E. J. Spilo. 121,778; Aug. 6.
Game board. F. R. Stearns. 122,907; Oct. 8.
Game board. H. C. Stoll. 120,148; Apr. 23.
Game board. S. Stootboff. 119,405; Mar. 12.
Game board. G. W. Thompson. 121,579; July 23.
Game board. R. J. Velz. 121,108; June 18.
Game board. E. Wald. 122,578; Sept. 17.
Game board. N. L. Warford. 119,603; Mar. 26.
Game board, Circus. J. Setz. 124,207; Dec. 24.
Game board for playing with cards. T. M. Anderson. 119,369; Mar. 12.
Game board, Miniature baseball. G. O. Rupe. 124,045; Dec. 17.
Game board or similar article. A. G. Grant. 122,819; Oct. 1.
Game board or similar article. H. Shevey. 123,630; Nov. 19.
Game board or similar article, Practice golf. J. O. Smith. 121,799; Aug. 6.
Game board or similar article, Practice golf. J. O. Smith. 122,278; Sept. 3.
Game board or the like. B. Radford. 118,451; Jan. 9.
Game device. J. J. Dorfman. 120,637; May 21.
Game device. R. E. Lyman. 123,677; Nov. 26.
Game device. O. L. Myers. 123,601; Nov. 19.
Game device. H. Singer. 118,573; Jan. 16.
Game device. H. Singer. 120,840; May 28.
Game device. H. Singer. 122,424; Sept. 10.
Game device. A. B. Slater. 122,425; Sept. 10.
Game device. R. Vandenborre. 121,004; June 11.
Game device, Baseball. O. Andersen. 121,758; Aug. 6.
Game device, Bull's-eye target. I. J. Hawkins and R. L. Nadeau. 118,938–9; Feb. 13.
Game device for an amusement machine cabinet. H. E. Williams and L. A. Durant. 124,351; Dec. 31.
Game device, Golf-putting. M. J. Dotzler. 123,857; Dec. 10.

Game device, Indicator. A. H. Behrman, L. H. Eckhardt, and F. H. Avers. 123,046; Oct. 15.
Game device, Skill testing. M. J. Binks. 120,659; May 21.
Game device, Swinging target. A. C. Trombley. 122,577; Sept. 17.
Game piece or the like. B. Rosser. 119,189; Feb. 27.
Game pieces, Set of. E. J. Baker. 121,358; July 9.
Game pin. A. P. Janssen. 124,035; Dec. 17.
Garment, Child's sleeping. M. Doesburg. 122,863; Oct. 1.
Garment, Child's sleeping. B. B. Friedman. 120,718; May 21.
Garment, Child's sleeping. G. R. Hilby. 121,838; Aug. 6.
Garment cleaning unit. C. Dahlberg. 120,481; May 14.
Garment, Foundation. E. Uslaner. 122,107; Aug. 20.
Gauge, Cylinder compression. G. M. Graham. 122,667; Sept. 24.
Gauge, Spark plug. T. G. Monahan. 120,351; May 7.
Gear housing and spindle support for a laundry device, Combined. F. A. Conterman. 121,505; July 16.
Gem setting for finger ring and the like. J. H. Schaeffer. 121,128; June 18.
Generator of base mounting type, Magneto electric. E. A. Vogel. 119,209; Feb. 27.
Generator of flange mounting type, Magneto electric. E. A. Vogel. 119,208; Feb. 27.
Geographical globe. J. V. Clark. 119,695; Mar. 26.
Girdle. R. A. Greco. 123,777; Dec. 3.
Girdle. W. Kops. 118,425; Jan. 2.
Glass. E. W. Fuerst and W. D. Teague. 118,620; Jan. 23.
Glass building block, Hollow. R. C. Kendall. 122,269; Sept. 3.
Glass, Drinking. J. E. Spence. 120,146; Apr. 23.
Glass or article of similar nature, Soda. T. C. Heisey. 119,856; Apr. 9.
Glass or similar article, Cocktail. C. Sawyer. 124,225; Dec. 24.
Glass, Sand. C. P. Shinn, Jr. 123,822; Dec. 3.
Glasses, Pair of sun. J. C. Foster. 123,107; Oct. 15.
Glasses, Sun. J. W. Welsh. 118,843; Feb. 6.
Glider. B. Johnson. 118,405; Jan. 2.
Glider. C. H. Oermann. 120,528; May 14.
Glider. W. I. Smith. 120,045; Apr. 23.
Glider end frame. W. I. Smith. 122,932; Oct. 8.
Glider end frame. W. I. Smith. 123,703–4; Nov. 26.
Glider, Lawn or porch. C. C. Tabb. 121,461–2; July 9.
Glider or similar article. J. C. Feldman. 119,877–8; Apr. 9.
Glider or the like. Z. S. Logan. 118,860; Feb. 6.
Globe and panel for a lighting fixture, Combined. A. L. Arenberg. 118,359; Jan. 2.
Globe and panel for lighting fixtures, Combined. A. L. Arenberg. 120,772–3; May 28.
Globe for lighting fixtures. W. B. Petzold. 121,523; July 16.
Globe, Light transmitting. A. L. Arenberg. 120,903; June 4.
Globe or similar article, Lighting fixture. H. G. Alm. 118,717–18; Jan. 30.
Glove. K. Fuchs. 120,403; May 7.
Glove. M. Hacker. 121,140; June 18.
Goblet or similar article. C. W. Carlson. 122,766–9; Oct. 1.
Goblet or similar article. A. J. Cunningham. 121,867; Aug. 13.
Goblet or similar article. A. J. Cunningham. 122,389; Sept. 10.
Goblet or similar article. E. W. Fuerst. 122,924; Oct. 8.
Goblet or similar article. L. C. Kelley. 123,598; Nov. 19.
Goblet or similar article, Stemmed. W. P. Morrison. 120,136; Apr. 23.
Goggle. J. Brunetti. 118,732; Jan. 30.
Goggles. N. T. Baldanza. 121,292; July 2.
Goggles, Pair of. F. R. Ernst. 124,309; Dec. 31.
Golf club head. J. V. East. 121,434; July 9.
Gold club head. J. H. Flowers. 123,880; Dec. 10.
Golf club head. M. J. Flynn. 123,260; Oct. 29.
Golf club head. G. K. Geerlings. 122,795; Oct. 1.
Golf club shaft or the like. G. E. Barnhart. 120,332–3; May 7.
Golf club shaft or the like. J. Heddon. 118,594; Jan. 16.
Golf exerciser. B. Johnson. 123,540; Nov. 12.
Golf practice device. W. E. Kohl. 120,784; May 28.
Gown ensemble, Evening. G. Monteil. 123,783; Dec. 3.
Gown ensemble, Evening. G. Monteil. 123,942; Dec. 10.
Gown ensemble or similar article, Evening. K. Stark. 124,189; Dec. 24.
Gown, Evening. H. Berman. 118,993; Feb. 13.
Gown, Evening. H. Berman. 119,715; Mar. 26.
Gown, Evening. H. Berman. 119,720; Mar. 26.
Gown, Evening. H. Berman. 120,561–2; May 14.
Gown, Evening. G. Monteil. 124,104; Dec. 17.
Gown or similar article, Evening. A. H. Morris. 123,947; Dec. 10.
Gown or similar article, Evening. A. H. Morris. 123,960; Dec. 10.
Gown, Wedding. J. Scharlott. 119,348; Mar. 5.
Gown, Wedding. J. Scharlott. 123,790; Dec. 3.
Gown, Wedding. M. J. Shapiro. 119,363; Mar. 5.
Gown, Wedding. M. J. Shapiro. 119,835; Apr. 2.
Grandstand frame, Portable. R. A. Uecker, D. E. Beatty, and L. C. Oertle. 122,610–11; Sept. 17.
Grate for a stove or analogous article, Top. C. Stanchfield. 121,706; July 30.
Grate for gas stove or the like. H. M. Reeves. 122,275; Sept. 3.
Grater and slicer, Combined. C. D. Houser. 123,779; Dec. 3.
Grave enclosure. A. Steindl. 123,279; Oct. 29.
Grave marker, Memorial. O. H. Harer. 120,755; May 28.
Greenhouse, Window. C. G. Ewertz and T. E. King. 120,030; Apr. 16.
Grill and pan, Combined broiler. S. H. Hobson. 120,782; May 28.
Grill, Broiler. S. H. Hobson. 120,757; May 28.
Grill, Wheat cake. E. Merritt. 119,808; Apr. 2.
Grille, Automobile. R. Cadwallader. 120,927; June 4.
Grille, Automobile radiator. J. Oswald. 121,636; July 23.
Grille for a truck, Radiator. W. O. Block. 121,942; Aug. 13.
Grille for a Vehicle, Radiator. V. D. Kaptur. 122,077; Aug. 20.
Grille for an automobile, Radiator. E. E. Anderson. 121,628; July 23.
Grille for an automobile, Radiator. R. P. Taylor. 122,933; Oct. 8.
Grille for stoves or the like. R. C. Sabins. 120,923; June 4.
Grille guard and lamps, Combined automobile. J. R. Haines. 122,967; Oct. 8.
Grille guard, Automobile. R. V. Morse. 121,979; Aug. 13.
Grille guard, Automobile. T. J. Scofield. 120,532; May 14.
Grille unit, Automobile. R. Cadwallader. 119,379–80; Mar. 12.
Grille unit, Automobile. R. Cadwallader. 120,153; Apr. 23.
Grille unit, Automobile. R. Cadwallader. 120,747; May 28.
Grille unit, Automobile. R. Cadwallader. 122,917; Oct. 8.
Grinder, Combination surface and tool. A. E. Ringsrud. 119,639; Mar. 26.
Grinder, Portable. F. A. Jimerson. 121,769; Aug. 6.
Grinding machine. M. A. Hollengreen and H. E. Balsiger. 121,872; Aug. 13.
Grinding machine. M. A. Hollengreen, H. E. Balsiger, and J. A. Boller. 121,874; Aug. 13.
Grinding machine. M. A. Hollengreen, H. E. Balsiger, J. A. Boller, and R. S. Elberty, Jr. 121,875; Aug. 13.
Grinding machine. M. A. Hollengreen, H. E. Balsiger, and D. F. Price. 121,873; Aug. 13.
Grinding machine. M. A. Hollengreen and R. E. Price. 121,245; June 25.
Grinding machine, Surface. R. B. Kerr. 121,418; July 9.
Grinding wheel unit. M. A. Hollengreen and R. E. Price. 121,789; Aug. 6.
Grip, Dishwashing cloth. B. Martin and E. E. Hamacher. 119,277; Mar. 5.
Guard and signal device for bicycles, Combined splash. C. Clark. 123,856; Dec. 10.
Guard, Bumper. L. S. Poncher. 118,406–7; Jan. 2.
Guard, Combined fender and skirt. J. R. Morgan. 120,133; Apr. 23.
Guard for bicycle wheel hubs. W. F. Herold. 121,717; July 30.
Guard for bicycles, Chain. H. M. Huffman, Jr. 122,670; Sept. 24.
Guard for brake drum lathe or the like, Splash. J. Y. Blazek and V. R. Roy. 121,504; July 16.
Guard for highway markings. H. F. Elliott. 121,508; July 16.
Guard for highway markings. H. F. Elliott. 122,055–6; Aug. 20.
Guard for machine tools, Spray. M. A. Hollengreen and R. E. Price. 121,613; July 23.
Guard, Grille. G. F. Bahr. 120,521; May 14.
Guard, Motor vehicle bumper. A. C. de Hoffmann. 118,496; Jan. 9.
Guard, Window. M. L. Anderson. 121,464; July 16.
Guard, Wringer finger. T. H. Buchanan. 122,732; Sept. 24.
Guide for fishing rods, Line. L. Tengel. 118,586; Jan. 16.
Guitar. Q. C. Lum. 119,634; Mar. 26.
Gun barrel and tubular cartridge magazine, Combined. H. F. Mossberg. 118,863; Feb. 6.
Gun, Spray. R. L. Potter. 122,045; Aug. 20.
Guns, Fore end for. A. C. Fink. 118,498; Jan. 9.
Hair drying apparatus. M. H. Cearn. 122,583; Sept. 17.
Hammer. W. W. Rector. 123,191; Oct. 22.
Hamper. A. L. Horn. 120,006; Apr. 16.
Hamper or similar article. H. Gleitsman. 120,264; Apr. 30.
Hamper or similar article. G. Rahner. 121,125–6; June 18.
Hamper, Twin panel. W. Fein. 121,409; July 9.
Hamper, Vertical panel. W. Fein. 120,261; Apr. 30.
Handbag. M. Berkowitz. 118,992; Feb. 13.
Handbag. H. H. Bienen. 122,731; Sept. 24.
Handbag. H. Bienen. 122,915; Oct. 8.
Handbag. B. R. Brody. 122,632; Sept. 17.
Handbag. L. J. Coblentz. 121,736–8; July 30.
Handbag. L. J. Coblentz. 122,849; Oct. 1.
Handbag. S. Dawer. 120,237; Apr. 30.

Handbag. L. Freidman. 121,746–8; July 30.
Handbag. L. Freidman. 122,138; Aug. 27.
Handbag. S. R. Goldsmith. 118,605; Jan. 16.
Handbag. S. R. Goldsmith. 121,435; July 9.
Handbag. F. N. Lewis. 119,848; Apr. 9.
Handbag. F. N. Lewis. 120,126; Apr. 23.
Handbag. F. N. Lewis. 120,346; May 7.
Handbag. F. N. Lewis. 122,628; Sept. 17.
Handbag. R. Lobel. 120,940; June 4.
Handbag. J. Michel. 119,577; Mar. 19.
Handbag. J. Michel. 119,934; Apr. 16.
Hand bag. H. Moore. 122,146; Aug. 27.
Handbag. I. Pichel. 121,256; June 25.
Handbag. I. Pichel. 122,759; Sept. 24.
Handbag. I. Pichel. 122,761; Sept. 24.
Handbag. I. Pichel. 123,215; Oct. 22.
Handbag. I. Pichel. 123,342; Oct. 29.
Handbag. I. Pichel. 123,984; Dec. 10.
Handbag. E. Rosenberg. 119,146; Feb. 20.
Handbag. L. L. Skib. 121,798; Aug. 6.
Handbag. B. White. 121,144; June 18.
Handbag. A. Wirklich. 121,354; July 2.
Handbag and compact, Combined. I. Jolles. 123,455; Nov. 5.
Handbag and vanity case, Combined. B. Calem. 124,356; Dec. 31.
Handbag, Combination. I. Jolles. 122,684; Sept. 24.
Handbag, Convertible. E. A. Egerer. 121,159; June 25.
Handbag, Double vanity. R. R. Lewenthal. 123,409; Nov. 5.
Handbag or similar article. L. J. Coblentz. 121,951; Aug. 13.
Handbag or similar article. F. Kuhlman. 120,758; May 28.
Handbag or similar article. F. Kuhlman. 121,439; July 9.
Handbag or similar article. A. Kulick. 123,296; Oct. 29.
Handbag or similar article. M. L. Nattenheimer. 119,906; Apr. 9.
Handbag or similar article. J. Oassoff. 124,330; Dec. 31.
Handbag or similar article. I. Pichel. 121,751–4; July 30.
Handbag or similar article. I. Pichel. 121,881; Aug. 13.
Handbag or similar article. I. Pichel. 121,966–7; Aug. 13.
Handbag or similar article, Lady's. B. R. Brody. 120,853–4; June 4.
Handbag or the like. A. Schenker. 119,147–8; Feb. 20.
Handbag or the like. A. Schenker. 119,198; Feb. 27.
Handwheel. L. A. Wilkie. 120,115; Apr. 23.
Handkerchief or similar article. R. L. Palmer. 121,695–7; July 30.
Handkerchief slide. L. J. Hostetter. 121,206; June 25.
Handle and attachment plates, Combined luggage. E. Worthington. 123466; Nov. 5.
Handle and escutcheon, Combined burial casket. H. O. Utter. 122,807–9; Oct. 1.
Handle and escutcheons, Combined burial casket. H. O. Utter. 124,213–4; Dec. 24.
Handle and hair winding pin, Combined wrench. W. N. Schlesinger. 120,082; June 18.
Handle and holder for safety razors and the like, Combined. J. M. Bars and R. C. Skulnick. 123,072; Oct. 15.
Handle and support, Combined flat iron. S. Krasnikov. 122,874; Oct. 1.
Handle, Brush. H. Cave. 123,689; Nov. 26.
Handle, Brush. A. L. Le Febvre. 123,699–701; Nov. 26.
Handle, Electric switch cabinet. W. C. Anderson. 119,418; Mar. 12.
Handle, Flatiron. H. Ketcham. 122,271; Sept. 3.
Handle for a knife, kitchen utensil or similar article. O. B. Carson. 123,645; Nov. 19.
Handle for an electric laundering iron. P. W. Davis. 121,631; July 23.
Handle for electric controlling devices, Operating. C. B. Stevens. 119,823; Apr. 2.
Handle for fire doors or the like. E. W. Enthof. 119,493; Mar. 19.
Handle for hand or power mower. L. B. Roth. 123,313; Oct. 29.
Handle for kitchen utensils or similar articles. W. A. Beck. 123,829; Dec. 3.
Handle for kitchen utensils or similar articles. M. J. Zimmer. 118,401; Jan. 2.
Handle for kitchen utensils or similar articles. M. J. Zimmer. 118,849; Feb. 6.
Handle for laundry iron or the like. F. Kuhn and L. H. Thomas. 121,164; June 25.
Handle for listing machines, Operating. L. P. Crossman. 118,469; Jan. 9.
Handle for screw drivers and the like. J. H. Abramson. 119,975; Apr. 16.
Handle for stoves or the like. E. D. Pellegrin. 122,725; Sept. 24.
Handle for stoves or the like. E. D. Pellegrin. 123,890–1; Dec. 10.
Handle for stoves or the like. K. Rettich. 119,283; Mar. 5.
Handle for waffle baker or the like, Carrying. J. O. Reinecke and J. F. Barnes. 118,506; Jan. 9.
Handle for waffle baker or the like, Lifting. J. O. Reinecke and J. F. Barnes. 118,507; Jan. 9.
Handle, Lawn mower. G. W. Davis. 121,868; Aug. 13.
Handle, Lawn mower. M. H. Kluter. 121,014; June 11.
Handle, Lawn mower. S. D. Loud and W. E. Sullivan. 123,113; Oct. 15.
Handle, Lifting. H. K. Foster. 123,261; Oct. 29.
Handle, Mattress. M. L. Shifman. 123,919; Dec. 10.
Handle or analogous article, Fishing rod. L. Gurrieri. 119,261–2; Mar. 5.
Handle or similar article for an automotive vehicle, Outside door. G. E. Curtiss. 122,770; Oct. 1.
Handle or similar article for an automotive vehicle, Outside door. W. H. Hollindale. 122,668; Sept. 24.
Handle, Saucepan. O. Mankki. 122,690; Sept. 24.
Handle, Saw. K. W. Atkins. 118,876; Feb. 6.
Handle, Tool. G. O. Leopold. 123,433; Nov. 5.
Handle, Tooth brush. G. E. Hadden. 121,437; July 9.
Hanger, Clothes. M. B. Dunlap. 123,389–98; Nov. 5.
Hanger, Coat. E. Daniels. 122,390; Sept. 10.
Hanger for umbrellas, purses, or the like. C. V. Eshbach. 119,384; Mar. 12.
Hanger or similar article, Coat. E. M. Paterson. 118,984; Feb. 13.
Hanger or similar article, Towel. M. Kiebzak. 123,482; Nov. 12.
Hanger supporting head for garment carrying fixtures or the like. A. Levine. 119,632; Mar. 26.
Hassock. M. Leeb. 123,553; Nov. 12.
Hat. Z. Barcons. 122,509; Sept. 10.
Hat. M. Blanc. 119,540; Mar. 19.
Hat. A. Bushwick. 124,138; Dec. 17.
Hat. B. Cashin. 124,140; Dec. 17.
Hat. J. Cavanagh. 121,714; July 30.
Hat. H. Cohn. 121,857; Aug. 6.
Hat. L. Daché. 120,803; May 28.
Hat. I. K. Etman. 120,309; Apr. 30.
Hat. O. Gehn. 118,902; Feb. 6.
Hat. S. Grapek. 122,868; Oct. 1.
Hat. A. M. Hartman. 119,471; Mar. 12.
Hat. C. Kartiganer. 124,154; Dec. 17.
Hat. M. J. Marks. 118,433; Jan. 2.
Hat. J. E. Newman. 119,923; Apr. 9.
Hat. J. E. Newman. 120,816; May 28.
Hat. M. R. Norton. 120,048; Apr. 16.
Hat. A. H. Rosen. 122,631; Sept. 17.
Hat. A. Rosen. 123,725–6; Nov. 26.
Hat. A. Rothchild. 123,345; Oct. 29.
Hat. C. Schapiro. 124,158; Dec. 17.
Hat. E. Schiaparelli. 123,136; Oct. 15.
Hat. I. B. Simon. 118,912; Feb. 6.
Hat. I. Slott. 119,365; Mar. 5.
Hat. M. Solash. 118,808; Jan. 30.
Hat. S. Stricker. 123,182; Oct. 22.
Hat. D. B. Townsend. 120,085; Apr. 16.
Hat band. J. Wolf. 122,104; Aug. 20.
Hat, Lady's. S. Lish. 121,770; Aug. 6.
Hat or similar article. A. M. Bressler. D21,538; July 16.
Hat, Safety. H. B. Lewis. 118,432; Jan. 2.
Head covering. S. E. Rains. 118,441; Jan. 2.
Headdress. M. G. Rosenthal and H. B. Levy. 123,020; Oct. 8.
Headdress, Chenille. M. G. Rosenthal and H. B. Levy. 123,134; Oct. 15.
Head for a hand mirror or similar article. E. Marder. 118,598; Jan. 16.
Head for internal combustion engine breather system. A. C. Dressler. 119,194; Feb. 27.
Headlight testing machine. H. Wochner. 123,070; Oct. 15.
Headstand apparatus, Acrobat's. C. Floresque. 118,816; Feb. 6.
Headstock for machine tools. M. A. Hollengreen and R. E. Price. 121,447; July 9.
Heater. H. W. Faulstich and W. C. Lueneburg. 122,708; Sept. 24.
Heater. H. W. Fink. 122,592; Sept. 17.
Heater. C. Karstadt. 123,481; Nov. 12.
Heater. W. Zaborowski. 119,314; Mar. 5.
Heater, Electric. J. J. Gough. 119,064; Feb. 20.
Heater, Electric. K. M. Hammell and C. W. Sundberg. 118,774–5; Jan. 30.
Heater, Electric. M. Markel and D. L. Ripley. 121,096; June 18.
Heater, Electric. A. O. Samuels. 120,387; May 7.
Heater, Electric air. W. W. Hicks. 120,122; Apr. 23.
Heater, Electric hot water. H. A. Rush. 123,420; Nov. 5.
Heater, Electric space. G. Steingruber. 119,287–8; Mar. 5.
Heater, Hot water. L. N. Burnside. 120,104; Apr. 23.
Heater, Lead pot. P. M. Forster. 120,120; Apr. 23.
Heater, or similar article, Bus. P. J. Miller. 122,724; Sept. 24.
Heater or the like, Air circulating space. R. B. Evans, E. F. Farrell, and G. M. Schueder. 121,565–6; July 23.
Heater, Portable. C. B. Stevens. 118,514; Jan. 9.
Heater, Portable electric. G. E. MacFadden and D. L. Ripley. 119,197; Feb. 27.
Heater, Vehicle. G. R. Lippitt. 120,866; June 4.
Heater, Vehicle. G. R. Lippitt. 120,916; June 4.
Heater, Vehicle. G. R. Lippitt. 120,935–9; June 4.
Heater, Vehicle. G. R. Lippitt. 121,236; June 25.
Heater, Vehicle. G. R. Lippitt. 121,624; July 23.
Heater, Vehicle. G. R. Lippitt. 122,551; Sept. 10.

Heating element and terminal plug unit, Combined electric. H. K. Foster. 122,137; Aug. 27.
Heating unit for cooking stoves, Electrical. M. Feldman. 120,340; May 7.
Heel. M. Coen. 119,486–7; Mar. 19.
Heel, Rubber. R. E. Sannar. 122,131; Aug. 27.
Heel, Shoe. W. J. Hubbard, Jr. 120,313; Apr. 30.
Heel, Shoe. C. A. Johnson. 123,241; Oct. 22.
Heel, Shoe. W. E. Kavenagh and H. L. Post. 119,817; Apr. 2.
Heel, Shoe. D. Levin. 120,314; Apr. 30.
Heel, Shoe. H. E. Morse and C. L. White. 119,819; Apr. 2.
Heel, Shoe. W. H. Nutt. 121,193–5; June 25.
Heel, Shoe. W. H. Nutt. 123,167; Oct. 22.
Heel, Shoe. W. H. Nutt. 123,214; Oct. 22.
Heel, Shoe. F. W. Warner, Jr., and A. C. Treece. 119,662; Mar. 26.
Heel, Wedge. A. Cocozella. 121,670–2; July 30.
Heel, Wedge. W. H. Nutt. 122,606–7; Sept. 17.
Helmet. P. C. Perrin. 123,638; Nov. 19.
Hinge, Mortise butt. V. Ramey. 121,197; June 25.
Hinge or similar article. E. Borchers. 121,557; July 23.
Hinge or similar article. E. Borchers. 121,559; July 23.
Hinge or similar article. E. J. Walton. 118,715; Jan. 30.
Hinge, Toilet. D. S. Warth. 120,842; May 28.
Hobbyhorse. W. F. Pogue. 119,598; Mar. 26.
Hoe, Grubbing. B. Farmer. 123,051; Oct. 15.
Holder and applicator, Combination lip rouge. C. F. Wood. 123,709; Nov. 26.
Holder and ash tray, Combined cigarette. M. Freeman. 121,921; Aug. 13.
Holder and ashtray, Combined cigarette. J. M. Lichtenauer. 123,755; Dec. 3.
Holder and attaching means therefor, Combined pocket coin. J. M. Jacobi. 123,675; Nov. 26.
Holder and base therefor, Combined perfume. A. Mosheim. 121,692; July 30.
Holder and bracket for a container or the like, Combined. W. J. Jembrzycki. 120,628; May 21.
Holder and diet chart, Combination toothpick. H. M. Hebel. 120,733; May 28.
Holder and dispenser, Combination adhesive tape. A. F. Saunders. 121,400; July 9.
Holder and dispenser, Combined can. K. B. Van Woert, Sr. 123,580; Nov. 19.
Holder and protector, Combined cigarette. G. A. Hurley. 122,893; Oct. 8.
Holder and straw dispenser, Combined napkin and menu. B. M. Oswell. 120,742; May 28.
Holder and the like, Mirror. W. Stefanakis. 121,486; July 16.
Holder, Bottle. H. Rubin. 120,049; Apr. 16.
Holder, Bottle. H. Rubin. 122,417; Sept. 10.
Holder, Candle. C. F. Gray. 123,263; Oct. 29.
Holder, Candle. C. Sawyer. 122,587; Sept. 17.
Holder, Card. R. C. Ware. 119,338; Mar. 5.
Holder, Christmas tree. D. E. Moldowan. 123,889; Dec. 10.
Holder, Cigarette. D. G. Feigel. 118,735; Jan. 30.
Holder, Cigarette. A. C. Marple. 123,624; Nov. 19.
Holder, Collar. D. H. Bowder. 124,242; Dec. 24.
Holder, Combination money and ticket. H. J. Lyon. 120,867; June 4.
Holder, Egg. L. P. Wagner. 122,175; Aug. 27.
Holder, Flag. C. M. Palmer. 118,865; Feb. 6.
Holder for a shoulder and yoke ironing press, Combined buck and collar. C. P. Downer and H. G. Cooper. 119,212; Feb. 27.
Holder for condiments or the like. A. Dekarski. 119,084; Feb. 20.
Holder for crackers and cheese. J. W. Warren. 120,391; May 7.
Holder for electric arc welding device, Carbon. C. P. Nielsen. 118,710; Jan. 30.
Holder for electric arc welding devices, Carbon. C. P. Nielsen. 118,502; Jan. 9.
Holder for garbage cans. F. Crossley. 120,858; June 4.
Holder for magazines, newspapers or the like. M. Katcher. 122,268; Sept. 3.
Holder for silverware or analogous article, Buffet. J. S. O'Connell. 121,077; June 18.
Holder for smokers' articles, Combination recessed wall fixture. C. D. Klauber. 119,335–6; Mar. 5.
Holder, Hat. F. J. Vogt. 124,431; Dec. 31.
Holder, Heat retaining nursing bottle. C. N. Lockwood. 122,959; Oct. 8.
Holder, Key. S. G. Lipic. 120,568; May 14.
Holder, Key. T. T. Owens. 123,841; Dec. 3.
Holder, Knife. H. H. Hopkins. 121,048; June 11.
Holder, Magazine. J. W. Ostrander. 121,305; July 2.
Holder, Match. O. Amend. 121,861; Aug. 13.
Holder, Multiple toothbrush. E. A. Stein. 122,036; Aug. 20.
Holder, Multiple yarn spool. W. Eskowski. 123,239; Oct. 22.
Holder or similar article, Broom. J. N. Payne. 121,250; June 25.
Holder or similar article, Candle. S. C. Brickley. 118,552; Jan. 16.
Holder or similar article, Collar. C. Silverman. 120,745; May 28.
Holder or similar article, Flower. M. K. Grant. 118,752; Jan. 30.
Holder or similar article for a perfume bottle. H. S. Graff. 123,223; Oct. 22.
Holder or similar article, Note pad. L. Guild. 119,165; Feb. 27.
Holder or similar article of manufacture, Cigarette. L. J. Robertson. 123,936; Dec. 10.
Holder or similar article, Paper roll. L. Guild. 118,936; Feb. 13.
Holder, Paper napkin. P. Tresenberg. 120,518; May 14.
Holder, Perfume bottle. E. O. Douglas. 122,392; Sept. 10.
Holder, Pot or other hot metal. H. W. Miller. 123,244; Oct. 22.
Holder, Scarf. J. R. Craighead. 123,077; Oct 15.
Holder, Spark-plug-condition chart. P. A. Schnebelen. 119,811; Apr. 2.
Holder, Spoon. T. I. Frissell. 122,545; Sept. 10.
Holder, time indicator and thermometer, Combined nursing bottle. J. Y. and C. C. Taylor. 123,513; Nov. 12.
Holder, Twine. C. N. Colstad. 121,866; Aug. 13.
Holder, Votive light. O. Amend. 121,582; July 23.
Holders for ranges, Combined lamp, timer and condiment. H. M. Reeves. 123,114; Oct. 15.
Hood. E. C. Lindfelt. 123,364; Oct. 29.
Hood. G. Shear. 118,609; Jan. 16.
Hood. B. Weinstein. 122,639; Sept. 17.
Hood and bracket for hair dryers, Combined. E. F. and M. J. Suter, and H. Beike. 124,050; Dec. 17.
Hood and jacket or similar article, Combined. B. Berkman. 121,044; June 11.
Hood and muffler, Combination. B. Posin. 120,721; May 21.
Hood for bottles and the like, Protective. D. Ray. 119,526; Mar. 19.
Hood side panel, Automobile. R. Cadwallader. 119,374; Mar. 12.
Hood side panel, Automobile. R. Cadwallader. 119,377–8; Mar. 12.
Hood side panel, Automobile. R. Cadwallader. 119,448; Mar. 12.
Hood, Suction. B. A. Smith. 121,704; July 30.
Hook and clevis, Combined. D. R. Hager. 121,897; Aug. 13.
Hook, Curtain. A. M. Herschensohn. 118,478; Jan. 9.
Hook, Dough. M. R. Anstice. 119,843; Apr. 9.
Hook, Garment. A. De Roos. 121,488; July 16.
Hook, Safety hoisting. J. T. Rice. 124,260; Dec. 24.
Hook, Safety pot. G. A. Wynacht. 119,851; Apr. 9.
Hoople. 124,304; Dec. 31.
Hopper and feed control unit for an acetylene generator, Combined carbide. C. H. Baker. 120,477; May 14.
Horn unit or similar article, Signal. G. H. Curtis. 122,160; Aug. 27.
House, Bird. A. C. Larsen. 120,738; May 28.
House, Vacation. W. C. Callaway. 120,776; May 28.
Housing and bag for a portable surfacing tool, Combined. W. E. Holt. 118,582; Jan. 16.
Housing, Chime signal. L. Rittenhouse. 123,064–5; Oct. 15.
Housing, Colorimeter. W. B. Petzold. 123,190; Oct. 22.
Housing for a floor maintenance machine. W. E. Holt. 123,401; Nov. 5.
Housing for an air conditioning unit. W. B. Shimer. 123,250; Oct. 22.
Housing for bathtub fittings. H. S. Smith. 123,116; Oct. 15.
Housing for feed mixer. L. Wenger. 123,517; Nov. 12.
Housing for fur beaters, Combined motor and blower. A. Trask. 122,934; Oct. 8.
Housing for sewing machines, Ruffling attachment. V. J. Sigoda. 121,238; June 25.
Housing for signal device. K. M. Lord. 121,301; July 2.
Housing for signal devices. L. Rittenhouse. 118,866; Feb. 6.
Housing for stokers, Hopper mechanism. G. M. Seaman. 121,174; June 25.
Housing for threshing and separating mechanism for a harvester-thresher. C. J. Scranton. 123,896; Dec. 10.
Housing, Magneto. P. Piffath. 118,648; Jan. 23.
Housing or similar article, Horn. L. V. Grover. 120,911; June 4.
Housing or similar article, Loop antenna. W. P. Lear. 122,616; Sept. 17.
Housing, Picture projector. N. T. Knutson. 122,894; Oct. 8.
Housing, Stoker hopper. G. M. Seaman. 118,512; Jan. 9.
Hub, Bicycle. W. F. Herold. 121,716; July 30.
Hull, Flying boat. C. Dornier. 123,161; Oct. 22.
Hutch or the like. H. C. Doner. 123,934; Dec. 10.
Ice chipper and bottle breaker or similar article, Combination. F. B. Norris. 118,831; Feb. 6.
Ice cream cone. J. Balton. 122,716; Sept. 24.
Ice cream cone. W. A. Houston. 118,624; Jan. 23.
Illuminating device. H. V. Longley. 122,169; Aug. 27.
Illuminating device for instruments. D. I. Critoph. 121,294; July 2.
Illuminating device for instruments. D. I. Critoph. 121,585; July 23.
Illuminating device or similar article, Decorative. L. Pollock. 121,998–9; Aug. 20.
Illuminator. N. Abrams. 121,757; Aug. 6.

Implement blade. W. Withington. 121,725; July 30.
Imprinting machine or similar article, Check. G. L. Pierce. 120,530; May 14.
Incinerator. H. W. Ayers. 122,455; Sept. 10.
Indicating instrument H. B. Brown. 123,471; Nov. 12.
Indicator, Automobile direction. J. P. Sandejas. 118,745; Jan. 30.
Indicator, Dairy products. C. L. Sentney. 118,950; Feb. 13.
Injection machine. W. Ernst and J. A. Muller. 119,612; Mar. 26.
Injector body. W. H. Tinker. 119,774; Apr. 2.
Inkstand or the like. G. J. Sengbusch. 121,101–2; June 18.
Inkwell or the like. A. D. Robinson. 118,567; Jan. 16.
Insole for a shoe. J. Werman. 121,708; July 30.
Insole, Winged. H. S. Lyness. 119,668; Mar. 26.
Insulator, Electric fence. R. R. Smith. 121,705; July 30.
Iron, Combination pressing and steaming. F. E. Wolcott. 123,426; Nov. 5.
Iron, Double waffle. T. Christenson, Jr., and W. W.
Iron, Electric. B. A. Benson. 123,772; Dec. 3.
Iron, Electric. E. S. Preston. 120,140; Apr. 23.
Iron, Electric steaming. H. V. Ekstedt. 122,634; Sept. 17.
Iron, Electrically heated steam. J. Galter. 118,996; Feb. 13.
Iron, Laundry. F. Kuhn. 121,163; June 25.
Iron or similar article, Waffle. V. F. Elsner. 121,386; July 9.
Iron, Soldering. L. P. Young. 120,116; Apr. 23.
Iron, Waffle. E. B. Borg. 118,811; Feb. 6.
Ironer. R. A. Dudley and H. M. Jones. 124,307; Dec. 31.
Ironer. A. H. Gerhardt. 123,636; Nov. 19.
Ironing machine. W. H. Bradley. 124,267; Dec. 24.
Ironing machine. A. H. Gerhardt. 123,617; Nov. 19.
Ironing machine. T. J. Little, Jr. 121,074; June 18.
Ironing machine. R. E. Maxant. 118,641; Jan. 23.
Ironing machine. A. H. Peters. 120,016; Apr. 16.
Jack, Illuminable. E. M. Pfauser. 121,616; July 23.
Jack or the like. J. J. Mizer. 122,574; Sept. 17.
Jack or the like, Scaffold. J. L. Daily. 123,160; Oct. 22.
Jacket. E. Bauer. 119,122; Feb. 20.
Jacket. W. J. Kupfrian. 121,120; June 18.
Jacket and hood, Combined chenille. M. D. Brod. 121,036; June 11.
Jacket, Bolero. M. Fellegi. 120,182; Apr. 23.
Jacket, Fur. W. Mitchell. 120,095; Apr. 16.
Jacket or similar article, Infant's. D. B. Campbell. 121,646; July 23.
Jacket, Sports. B. Breier. 120,636; May 21.
Jar. L. J. Colwell. 124,015; Dec. 17.
Jar. D. Deskey. 120,167; Apr. 23.
Jar. J. F. Forsyth. 118,855; Feb. 6.
Jar. E. W. Fuerst. 120,341; May 7.
Jar. J. L. Hendrickson. 119,521; Mar. 19.
Jar. E. A. Hinkins. 120,587; May 14.
Jar. E. A. Hinkins. 120,619; May 21.
Jar. C. A. Howell. 120,421; May 7.
Jar. O. C. Noble. 118,601; Jan. 16.
Jar. I. Perlmutter. 123,236; Oct. 22.
Jar. F. Smith. 120,473; May 7.
Jar. F. Smith. 122,472; Sept. 10.
Jar for cosmetics. E. L. Imre. 118,560; Jan. 16.
Jar, Glass. W. J. Lundy. 120,815; May 28.
Jar or similar article. M. S. Ireys. 124,034; Dec. 17.
Jar or similar article. J. Von Miklos. 121,605; July 23.
Jar or similar article, Double ended. A. Abrams. 120,902; June 4.
Jewel mounting. O. J. Somers. 119,286; Mar. 5.
Jewelry component. S. Birnbaum. 120,683; May 21.
Jewelry component. J. Shore. 121,723; July 30.
Jewelry component. E. A. Weiss. 118,763; Jan. 30.
Jewelry component. E. A. Weiss. 119,872; Apr. 9.
Jodhpur. J. J. Ascheim. 122,454; Sept. 10.
Joint, Swivel. P. H. Irmischer. 121,718; July 30.
Jug. H. L. Brooks. 121,948; Aug. 13.
Jug. H. G. McKnight. 121,192; June 25.
Jug, Glass. W. J. Lundy. 123,505; Nov. 12.
Jug or article of similar nature, Glass. A. J. Dreitzer. 120,614; May 21.
Keeper for a draw bolt or the like. A. J. Komenak. 121,662; July 30.
Keeper placer. A. L. Swearingen and R. T. Painton. 124,211; Dec. 24.
Key and knife, Combination. W. H. Voos. 118,577; Jan. 16.
Keyboard for electrical musical instruments. G. H. Stephens. 123,686; Nov. 26.
Key chain and driver's license receptacle, Combined. J. G. Lipic, Jr. 121,541; July 16.
Kit, Knitting. D. W. Dunberg. 122,010; Aug. 20.
Kitchen unit, Combination. J. M. Little. 123,571–2; Nov. 19.
Knife. T. H. Bryant, Sr. 121,363; July 9.
Knife. A. H. Johnson. 122,057; Aug. 20.
Knife. R. B. Paysee. 121,597; July 23.
Knife. I. Rosenbloom. 121,306; July 2.
Knife. O. E. Skelton. 119,400; Mar. 12.
Knife. C. O. Swenson. 119,443; Mar. 12.
Knife, Cake and fruit. N. K. Morris. 124,300; Dec. 24.
Knife, Calendar letter. W. B. Petzold. 121,425; July 9.
Knife, Paring. H. Barbier. 119,059; Feb. 20.
Knife, Weeding. E. Tuller. 120,876; June 4.
Knob. H. K. Foster. 123,262; Oct. 29.
Knob for food mixer or the like, Control. G. T. Scharfenberg. 120,359; May 7.
Knob for stoves or the like. E. D. Pellegrin. 122,726; Sept. 24.
Knob for stoves or the like. E. D. Pellegrin. 122,755; Sept. 24.
Knob for stoves or the like. E. D. Pellegrin. 123,892; Dec. 10.
Knob or similar article. E. Borchers. 121,558; July 23.
Knob or similar article. E. Borchers. 121,561; July 23.
Label blank. G. W. Bristol. 123,663; Nov. 26.
Lace. E. E. Bancroft. 123,795–6; Dec. 3.
Lace. G. M. Boysen. 118,656; Jan. 23.
Lace. R. Dannecker. 121,186; June 25.
Lace. R. Dannecker. 123,384; Nov. 5.
Lace. A. Dreyfus. 121,037–40; June 11.
Lace. B. Edson. 118,367–8; Jan. 2.
Lace. B. Edson. 118,657; Jan. 23.
Lace. B. Edson. 123,474–6; Nov. 12.
Lace. B. Edson. 124,293; Dec. 24.
Lace. B. Edson. 124,383; Dec. 31.
Lace. H. Gehring. 119,494; Mar. 19.
Lace. H. Giebel. 119,117; Feb. 20.
Lace or similar article. D. Edelstein. 123,613; Nov. 19.
Lace trimming or similar article. D. Edelstein. 123,080–1; Oct. 15.
Lace trimming or similar article. E. W. Freudenberg. 120,881–4; June 4.
Lace trimming or similar article. E. W. Freudenberg. 122,075–6; Aug. 20.
Lace trimming or similar article. G. Tobler. 121,580; July 23.
Lamp. U. Araldi. 123,256; Oct. 29.
Lamp. G. F. Bahr. 121,503; July 16.
Lamp. W. C. Crimmins. 118,553; Jan. 16.
Lamp. A. B. Fogelstad. 123,054; Oct. 15.
Lamp. E. A. James. 123,403; Nov. 5.
Lamp. J. F. Kirby. 120,990; June 11.
Lamp. E. S. Lynch. 120,554; May 14.
Lamp. J. A. Schachte. 118,571; Jan. 16.
Lamp. O. E. Wolff. 123,771; Dec. 3.
Lamp, Adjustable. F. May. 122,711; Sept. 24.
Lamp and attaching clip, Combined. R. Zurawin. 123,281; Oct. 29.
Lamp and attachment clamp, Combined. G. Popper. 121,699; July 30.
Lamp and clock, Combined. R. A. Schober. 123,217; Oct. 22.
Lamp and liquid dispenser, Combined. H. H. Johnson. 121,511; July 16.
Lamp and mirror, Combination. D. E. Reed. 124,185; Dec. 24.
Lamp and mirror or similar article, Combination. H. B. Gross. 120,527; May 14.
Lamp and radio, Combination bed. B. A. Mitchell. 121,423; July 9.
Lamp and radio receiving set, Combination. D. J. Crowley. 120,907–8; June 4.
Lamp and radio receiving set, Combined. D. J. Crowley. 121,271; July 2.
Lamp and radio receiving set, Combined. D. J. Crowley. 122,836; Oct. 1.
Lamp and radio receiving set, Combined. J. J. Punke. 118,504; Jan. 9.
Lamp and radio receiving set, Combined. J. J. Punke. 119,322; Mar. 5.
Lamp and radio receiving set, Combined. J. J. Punke. 120,017; Apr. 16.
Lamp and sign, Combined porch. J. B. Herring. 118,738; Jan. 30.
Lamp and support, Combined therapeutic. F. Furedy. 122,289; Sept. 3.
Lamp and support therefor, Combined range. R. A. Schober. 123,767; Dec. 3.
Lamp and supporting bracket, Combined vehicle. J. Galter. 120,639; May 21.
Lamp, Automobile signal. G. W. Bruderick. 121,063; June 18.
Lamp base. A. O. Elting. 120,401; May 7.
Lamp base. J. Kernes. 120,553; May 14.
Lamp base. H. A. Perlmutter. 118,985; Feb. 13.
Lamp, Bed. B. A. Mitchell. 121,016; June 11.
Lamp body or similar article, Decorative electric. J. Petry. 121,522; July 16.
Lamp, Candle. N. J. Baumer. 118,492; Jan. 9.
Lamp casing and support, Combined electric. J. J. Rieland. 123,763; Dec. 3.
Lamp, Ceiling. H. R. Robinson and A J. C. Knudstrup. 119,794; Apr. 2.
Lamp, Cycle. C. Karstadt. 121,958; Aug. 13.
Lamp, Desk. C. D. McCann. 119,523; Mar. 19.
Lamp, Directional signal. P. M. Crone. 121,058; June 11.
Lamp, Draftsman's. F. W. Watkins. 121,606; July 23.
Lamp, Electric. A. F. Pieper. 122,727; Sept. 24.
Lamp, Electric. H. T. Scheidacker. 122,588; Sept. 17.
Lamp fixture, Fluorescent. O. H. Biggs and C. F. MacCarthy. 120,563; May 14.
Lamp fixture, Fluorescent. H. Dreyfuss. 122,864; Oct. 1.
Lamp fixture, Fluorescent. H. Dreyfuss. 123,757; Dec. 3.
Lamp fixture, Fluorescent. C. F. MacCarthy. 121,420; July 9.

Lamp fixture, Fluorescent. C. F. MacCarthy. 122,145; Aug. 27.
Lamp fixture, Fluorescent. K. Scribner. 122,236; Aug. 27.
Lamp fixture, Fluorescent. K. R. Scribner. 123,768–9; Dec. 3.
Lamp, Floor. F. J. S. Gay. 123,758; Dec. 3.
Lamp, Floor. S. G. Nelson. 118,983; Feb. 13.
Lamp, Fluorescent. M. Hallward. 124,177; Dec. 24.
Lamp for automotive vehicles, Road. O. C. Ritz-Woller. 119,527; Mar. 19.
Lamp head. A. O. Elting. 120,727–8; May 28.
Lamp head for fluorescent lamps. M. C. Levy. 124,076; Dec. 17.
Lamp, Nursery. L. P. Weil. 118,522; Jan. 9.
Lamp or article of similar nature, Glass hurricane. A. H. Nicholson. 122,877; Oct. 1.
Lamp or similar article, Filing cabinet. C. D. McCann. 123,059; Oct. 15.
Lamp or similar article, Hurricane. A. J. Bennett. 121,759; Aug. 6.
Lamp or similar article, Parking. A. R. Pass. 120,918; June 4.
Lamp or similar article, Photographic arc. I. Eachus. 118,853; Feb. 6.
Lamp pedestal and base, Combined. H. A. Perlmutter. 119,670; Mar. 26.
Lamp, radio and clock, Combined. T. Tinker and G. von der Lin. 118,550; Jan. 9.
Lamp, Reversible. S. Scolaro. 121,173; June 25.
Lamp shade and supporting bracket, Combined illuminating. J. A. Heckman and B. Arvidson. 120,912; June 4.
Lamp shade, Louver. O. H. Williams. 120,926; June 4.
Lamp standard. W. L. Allison. 118,358; Jan. 2.
Lamp, Sun. P. N. Cloutier. 122,862; Oct. 1.
Lamp, table, and radio receiving set, Combined. D. J. Crowley. 123,098; Oct. 15.
Lamp, Taxi-cab. J. Fischer. 121,762–3; Aug. 6.
Lamp, Therapeutic. F. Furedy. 122,288; Sept. 3.
Lamp, Therapeutic. S. W. Rosenthal. 120,318; Apr. 30.
Lamp unit, Electric. S. M. Dover. 119,085; Feb. 20.
Lamp, Wall. E. S. Neal. 120,110; Apr. 23.
Lamp, Wall bracket. G. E. and L. MacFadden. 118,861; Feb. 6.
Lantern. F. B. Embury. 118,659; Jan. 23.
Lantern. M. J. Freemark. 118,969–71; Feb. 13.
Latch for automobile doors, Safety. J. R. Thorp. 120,366; May 7.
Lathe. W. G. Hoelscher. 120,863; June 4.
Lathe and stock supports, Combined turret. F. S. Shields. 123,315; Oct. 29.
Lathe or similar article. R. E. Frushour. 118,930; Feb. 13.
Lathe, Turning. S. W. Sparks. 124,083; Dec. 17.
Laundry machine. D. L. Hadley. 119,497; Mar. 19.
Lavatory. J. E. Bales. 119,297; Mar. 5.
Lavatory. J. E. Bales. 119,299; Mar. 5.
Lavatory and cabinet, Combination. L. Keller. 121,814–5; Aug. 6.
Lavatory unit. J. E. Bales. 119,298; Mar. 5.
Lavatory unit. J. E. Bales. 119,300–1; Mar. 5.
Lavatory unit. Le R. A. Wilkinson. 119,295–6; Mar. 5.
Lavatory with water heater. L. A. Wilkinson. 124,423; Dec. 31.
Leash, Dog. D. E. Gottlieb. 124,073; Dec. 17.
Leather fabric or similar article, Artificial. A. Stern. 120,950; June 4.
Leather or similar article. S. Galper. 124,127; Dec. 17.
Leather trimming, Pleated. A. Soifer. 123,074; Oct. 15.
Leg for a table or similar article, Supporting. M. H. Levine. 120,487; May 14.
Leg for an article of furniture. A. K. Olach. 122,608; Sept. 17.
Lens, Flashlight. M. J. Zimmer. 119,815–16; Apr. 2.
Lens strap for spectacles or similar articles. J. J. Rohrbach. 119,893; Apr. 9.
Lens testing device. E. L. Hettinger. 122,599; Sept. 17.
Letter opener and telephone dialer, Combined. A. Broffman. 120,969; June 11.
Lift of a shoe heel, Top. D. Sherman. 119,894; Apr. 9.
Lifter for a broiler or the like. D. Tichenor. 122,910; Oct. 8.
Light fixture. F. G. Gross. 119,854; Apr. 9.
Light fixture, Electric. S. P. Holish. 121,161; June 25.
Light fixture, Electric. A. F. Pieper. 121,882–3; Aug. 13.
Light fixture, Tubular. E. C. Koegel. 122,587; Sept. 17.
Light globe, Fuel pump. F. L. Roberts. 118,454; Jan. 9.
Light plant, Portable. T. Jackson. 123,201; Oct. 22.
Light reflecting unit. A. W. Krueger. 119,203; Feb. 27.
Lighter. A. S. Weston. 123,770; Dec. 3.
Lighter and ash tray, Combined. I. Munzer. 120,676; May 21.
Lighter, Electric cigarette and cigar. J. B. McFerran, Jr. 123,213; Oct. 22.
Lighter or the like. I. Florman. 123,879; Dec. 10.
Lighter or the like. Q. T. Regan. 121,020–1; June 11.
Lighter or the like. W. J. Reilly. 119,820; Apr. 2.
Lighter, Table. H. Negbaur. 119,395; Mar. 12.
Lighting fixture. A. L. Arenberg. 124,167; Dec. 24.
Lighting fixture. G. W. Beals. 122,887; Oct. 8.
Lighting fixture. T. A. Carter, Jr. 119,800; Apr. 2.
Lighting fixture. T. A. Carter, Jr. 120,544; May 14.
Lighting fixture. T. A. Carter, Jr. 122,861; Oct. 1.
Lighting fixture. H. S. Davis. 124,018; Dec. 17.
Lighting fixture. W. P. Heath. 121,094; June 18.
Lighting fixture. W. P. Heath. 121,296; July 2.
Lighting fixture. W. P. Heath. 121,590–1; July 23.
Lighting fixture. W. P. Heath. 123,760; Dec. 3.
Lighting fixture. J. A. Korengold. 122,709; Sept. 24.
Lighting fixture. C. D. McCann. 123,090; Oct. 15.
Lighting fixture. C. D. McCann. 124,182; Dec. 24.
Lighting fixture. H. J. McCarthy. 122,903; Oct. 8.
Lighting fixture. S. Miller. 118,742; Jan. 30.
Lighting fixture. E. L. Reeve. 124,078; Dec. 17.
Lighting fixture. T. H. Robsjohn-Gibbings. 120,162; Apr. 23.
Lighting fixture. L. J. Segil. 119,810; Apr. 2.
Lighting fixture. J. Segil. 121,307; July 2.
Lighting fixture. J. Stern. 122,909; Oct. 8.
Lighting fixture. M. A. Summerour and H. C. Devine, Jr. 118,515; Jan. 9.
Lighting fixture. W. E. Vogel. 120,025–6; Apr. 16.
Lighting fixture. F. C. Winkler and A. De Vries. Apr. 2.
Lighting fixture. C. F. Woerner and T. A. Walsh. 121,290; July 2.
Lighting fixture, Bracket. C. D. McCann. 122,902; Oct. 8.
Lighting fixture, Ceiling. L. C. Doane. 123,048; Oct. 15.
Lighting fixture, Electric. G. Ainsworth. 121,291; July 2.
Lighting fixture, Electric. G. E. MacFadden. 119,789; 119,796–7; Apr. 2.
Lighting fixture, Fluorescent. D. J. Biller. 122,156; Aug. 27.
Lighting fixture, Fluorescent. D. J. Biller. 122,582; Sept. 17.
Lighting fixture, Fluorescent. L. F. Hursh. 120,913; June 4.
Lighting fixture, Fluorescent. B. Rubinstein. 122,694; Sept. 24.
Lighting fixture, Fluorescent. B. Rubinstein. 123,067; Oct. 15.
Lighting fixture, Hanging. C. B. Arakelian. 122,581; Sept. 17.
Lighting fixture or similar article. H. E. Rutledge. 118,988; Feb. 13.
Lighting fixture or similar article. L. L. Stewart. 118,729; Jan. 30.
Lighting fixture or similar article. L. L. Stewart. 119,682; Mar. 26.
Lighting fixture, Pendent. L. C. Doane. 123,049; Oct. 15.
Lighting fixture, Portable. C. L. Steber. 120,924; June 4.
Lighting unit. A. F. Pieper. 119,792; Apr. 2.
Lighting unit. A. F. Pieper. 123,761–2; Dec. 3.
Lighting unit, Incandescent. F. P. Arrousez. 121,061; June 18.
Lining, Coat. P. Feldman. 121,116; June 18.
Link for a watch bracelet or the like, End. J. Sand. 123,682–3; Nov. 26.
Loading machine. J. Merck. 123,600; Nov. 19.
Locomotive body. J. Gibson. 118,370; Jan. 2.
Locomotive body. O. Kuhler. 121,219; June 25.
Lubricant dispensing apparatus. A. F. Dean. 121,187; June 25.
Luggage catch or similar article. E. Worthington. 121,265; June 25.
Make-up box and time clock, Combined. P. P. Paisner. 120,082; Apr. 16.
Mantel and bookcase or article of similar nature, Combination. G. A. Wright. 119,873; Apr. 9.
Marker and flower holder, Combined grave. S. A. Waligorski. 120,633; May 21.
Marker, Grave. G. D. Adams. 122,656; Sept. 24.
Mask, Hood. A. Chase and G. C. Montgomery. 123,382; Nov. 5.
Mask, Nasal. W. M. Boothby, A. H. Bulbuliam, and W. R. Lovelace. 120,372; May 7.
Mask or similar article, Aviator's oxygen. M. E. Hansen. 121,069; June 18.
Mask, Oronasal. W. M. Boothby, A. H. Bulbuliam, and W. R. Lovelace. 120,373; May 7.
Massage device. P. Avery. 123,662; Nov. 26.
Massaging device. M. Andis. 123,584; Nov. 19.
Mat, Bath. F. Sudell. 120,361–5; May 7.
Mat for bottles, glasses or the like, Protective. P. F. Havey. 121,765–6; Aug. 6.
Mat for kitchen table, stoves, and the like, Protector. J. R. Caldwell. 123,472; Nov. 12.
Mat or similar article. V. W. Marghab. 121,517–18; July 16.
Mat or similar article. V. W. Marghab. 121,533; July 16.
Mat or similar article. V. W. Marghab. 121,535–6; July 16.
Mat or similar article. V. W. Marghab. 122,489–90; Sept. 10.
Mat or similar article. V. W. Marghab. 122,493; Sept. 10.
Mat or similar article. V. W. Marghab. 122,495–6; Sept. 10.
Mat or similar article. M. C. McGee. 121,643; July 23.
Mat or similar article. M. C. McGee. 122,650; Sept. 17.
Mat, Table. O. O. Hobson. 120,240; Apr. 30.

Match book. H. Lieber. 118,741; Jan. 30.
Medal. T. C. Glaser. 120,886; June 4.
Medal. J. Inquisitore. 121,216; June 25.
Medal or the like. H. C. Vaisey. 118,397; Jan. 2.
Medal or the like. H. C. Vaisey. 118,871; Feb. 6.
Medallion, Embroidered. E. Lorenz. 122,486–7; Sept. 10.
Memorial device. A. Kessler. 123,886; Dec. 10.
Meter face. L. A. Blazey. 118,613; Jan. 23.
Meter or similar article, Photographic exposure. P. J. Brownscombe and C. Kertesz. 121,155; June 25.
Meter, Ratio. H. Ziebolz. 123,194; Oct. 22.
Microphone and display casing, Combined. L. J. Andres. 121,712; July 30.
Milling machine knee. G. W. Tammen. 121,824; Aug. 6.
Mirror. H. C. Doner. 122,771; Oct. 1.
Mirror and lamp, Combined. F. E. Everson. 120,780; May 28.
Mirror and thermometer, Combined. J. Fischer. 119,239; Feb. 27.
Mirror, brush, containers and support thereof, Combined. A. Pavenick. 123,189; Oct. 22.
Mirror, Combined vehicle radio antenna, ventilator and rear vision. C. D. Thomas. 121,603; July 23.
Mirror frame or the like, Hand. C. H. Lawrence. 122,615; Sept. 17.
Mirror frame or the like, Hand. A. F. Reilly. 119,940; Apr. 16.
Mirror-stereoscope assembly, Portable. H. C. Ryker. 124,240; Dec. 24.
Mirror, Toilet. W. J. Bohn. 124,126; Dec. 17.
Mitten. L. Postmen. 120,576; May 14.
Mitten. L. R. Stephenson. 121,240; June 25.
Mixer. B. A. Benson. 121,136; June 18.
Mixer. E. S. Preston. 121,124; June 18.
Mixer, Beverage. R. MacDougall. 122,689; Sept. 24.
Mixer, Cocktail. W. Krebs. 121,299; July 2.
Mixer, Concrete. C. F. Ball. 122,379; Sept. 10.
Mixer, Drink. S. J. Poplawski. 123,509; Nov. 12.
Mixer, Drink. A. F. Saunders. 123,104; Oct. 15.
Mixer, Electric food. E. G. Feltman and W. D. Harbaugh. 123,477; Nov. 12.
Mixer, Food. M. R. Anstice and J. D. Clague. 119,953; Apr. 16.
Mixer, Food. G. T. Scharfenberg. 120,358; May 7.
Moccasin. S. H. Chedekel. 119,654; Mar. 26.
Mold, Croquette. R. Arone. 124,055; Dec. 17.
Mold or similar article, Dessert. C. G. Towne. 118,461–2; Jan. 9.
Mold, Salad. N. V. Drake. 121,507; July 16.
Molding strip, Metal. C. D. Lowry. 124,037; Dec. 17.
Monogram, Appliqué. M. Rass. 121,351; July 2.
Monoplane, Long range bomber. A. A. Theodoropulos. 123,705; Nov. 26.
Monoplane, Low wing cantilever. J. G. Taylor, R. C. Wilson, and O. A. Swanson. 121,430–1; July 9.
Monument, Burial. L. A. Whitehouse. 118,844; Feb. 6.
Mop. P. M. Rogers. 122,630; Sept. 17.
Motor casing. J. H. Cohen. 122,788; Oct. 1.
Mount, Picture projector slide. B. Stechbart. 122,908; Oct. 8.
Mounting for a reading glass or similar article. T. Friedman. 118,929; Feb. 13.
Mounting, Ophthalmic. H. K. Halikman. 122,891; Oct. 8.
Muff. M. Berger. 123,010; Oct. 8.
Muff. A. Dorfman. 121,610–11; July 23.
Muff. E. A. Schnur. 122,065; Aug. 20.
Musical instrument. Z. Swanson. 120,232; Apr. 30.
Nail, Decorative. L. Kay. 118,375; Jan. 2.
Nail file. A. A. Crompton. 123,291; Oct. 29.
Name plate and push button, Combined illuminated. L. Ludwig. 119,963; Apr. 16.
Napkin. C. Kenny. 119,362; Mar. 5.
Necklace. A. Katz. 123,210; Oct. 22.
Necklace. L. C. Mark. 122,084; Aug. 20.
Necklace. L. C. Mark. 122,087–9; Aug. 20.
Necklace. M. C. Meyer. 122,031; Aug. 20.
Necklace. A. Philippe. 120,589; May 14.
Necklace. A. Philippe. 120,591–2; May 14.
Necklace. A. Philippe. 120,594; May 14.
Necklace. A. Philippe. 121,223–4; June 25.
Necklace. H. Reinstein. 121,127; June 18.
Necklace. J. Wuyts. 118,875; Feb. 6.
Necklace or similar article. F. Cusumano. 118,404; Jan. 2.
Necklace or similar article. V. Silson. 123,923; Dec. 10.
Necklace or the like. N. Levy. 121,059; June 11.
Necktie. M. Opper. 121,458; July 9.
Necktie, or similar article. S. Glaser. 122,866; Oct. 1.
Negligee. R. Halpern. 122,822; Oct. 1.
Negligee. R. Halpern. 122,869; Oct. 1.
Negligee. E. E. Stricker. 119,366; Mar. 5.
Negligee, Chenille. M. M. Taradash. 121,428–9; July 9.
Negligee or similar article. R. I. Appel. 123,720; Nov. 26.
Negligee or similar article. M. Tutundgy. 124,161; Dec. 17.
Nest, Bird. R. Trilling. 123,825; Dec. 3.
Netted textile fabric or similar article. E. P. Bixer. 119,976; Apr. 16.
Nightgown and crib cover, Combined. B. B. Friedman. 118,972; Feb. 13.
Novelty miniature bar. D. W. Dunberg. 122,262; Sept. 3.
Nozzle, Jet. R. W. Wilson. 124,052; Dec. 17.
Nut meat extractor. L. C. Wadsworth. 123,441; Nov. 5.
Nut, Wing. E. L. Schmidt and J. L. Schwabe, Jr. 123,423; Nov. 5.
Opener and handle, Combination can. H. W. Rice. 121,901; Aug. 13.
Opener and sealer, Combination can. W. J. Bechtel. 122,367; Sept. 3.
Opener, Bottle. F. O. Labich. 123,405–6; Nov. 5.
Opener, Bottle. M. S. Neal. 124,223; Dec. 24.
Opener, Bottle. A. Paolantonio. 119,965; Apr. 16.
Opener, Can. M. J. Zimmer. 118,848; Feb. 6.
Opener, Jar. J. Hildebrand. 119,264; Mar. 5.
Opener or similar article, Envelope. G. S. Dolgorukov. 121,806; Aug. 6.
Order device. W. T. Pearson. 121,819; Aug. 6.
Organ casing. G. P. Gubbins. 122,595; Sept. 17.
Ornament, Automobile license plate. J. V. West. 123,317; Oct. 29.
Ornament, Christmas tree. C. H. Hyman. 121,095; June 18.
Ornament, Christmas tree. P. Kranz and A. P. Schmid. 118,683; Jan. 23.
Ornament, Christmas tree. P. Kranz and A. P. Schmid. 124,315; Dec. 31.
Ornament, Christmas tree. J. Reich. 123,843; Dec. 3.
Ornament, comb and hair, Combined. S. Behr. 123,096; Oct. 15.
Ornament or similar article, Feather holding hat. S. Marinchak. 120,160; Apr. 23.
Ornament or similar article of manufacture, Christmas tree. G. D. Snyder. 122,784; Oct. 1.
Ornament or the like, Christmas tree. M. Goldman. 122,666; Sept. 24.
Ornament, or the like, Hair. M. E. Dart. 122,938; Oct. 8.
Ornament or the like, Radiator. E. W. Mackey. 121,220; June 25.
Ornament, Railing bar. J. J. Simon. 123,092; Oct. 15.
Ornament, Scales model. J. Galter. 118,737; Jan. 30.
Ornament, Shoe. P. F. Ashton. 121,152; June 25.
Overshoe. L. B. Fitzgerald. 119,195; Feb. 27.
Overshoe. L. H. L'Hollier. 120,644; May 21.
Overshoe. W. Mancik and G. H. Quennard. 122,467; Sept. 10.
Overshoe or the like. L. H. L'Hollier. 124,255–6; Dec. 24.
Overshoe or the like. L. H. L'Hollier and A. L. Diller. 124,254; Dec. 24.
Overshoe, Rubber. W. Mancik and G. H. Quennard. 120,384; May 7.
Ozone producing machine. W. A. Pardey. 121,099; June 18.
Ozonizer. W. A. Pardey. 122,026; Aug. 20.
Ozonizer, Electric. W. A. Pardey and L. Stipp. 120,386; May 7.
Package, Combination container. A. W. Stompe. 118,574; Jan. 16.
Pad or the like, Corn. W. M. Scholl. 121,576; July 23.
Pad, pencil and receptacle therefor, Combined memorandum. S. Brodsky. 120,724; May 28.
Pad unit, Desk. W. B. Petzold. 120,744; May 28.
Pail or the like, Cooker. W. D. Keith. 118,823; Feb. 6.
Pajama. H. Berger. 119,538–9; Mar. 19.
Pajama. O. Trebitsch. 119,565–6; Mar. 19.
Pajamas, Pair of. I. Geist. 119,575; Mar. 19.
Pan, Bake. J. Kollman. 123,504; Nov. 12.
Pancake and waffle iron, Combined. R. N. Dickey. 122,260; Sept. 3.
Pan greasing machine. H. A. Roselund. 122,947; Oct. 8.
Pan or similar article, Cooking. A. L. Rosenheimer, Jr. 119,504; Mar. 19.
Pan or the like, Vegetable crisper. R. B. Janes and O. E. Norberg. 119,805; Apr. 2.
Panel and globes for a lighting fixture, Combined light transmitting. A. L. Arenberg. 120,658; May 21.
Panel and timer for stoves, including a support for a condiment set, Combined backguard. R. E. Kruck. 119,761; Apr. 2.
Panel, Building siding. A. Coburn. 124,014; Dec. 17.
Panel, Cabinet top. P. F. Alsfelder. 123,196–8; Oct. 22.
Panel for an astrological and mystic robot. J. P. Wilson. 121,343; July 2.
Panel for fur coat, Back. H. A. Reich. 119,828; Apr. 2.
Panel, Louvered light transmitting. E. C. Zimmerman. 118,749; Jan. 30.
Pantee or similar article, Diaper. T. Goldstein. 123,546; Nov. 12.
Pantie-girdle. A. N. Spánel. 121,860; Aug. 6.
Paperboard. I. Blechman. 122,353; Sept. 3.
Paper fastening machine. N. S. Noll. 121,339; July 2.
Paper for boxes or the like, Decorated. L. J. Colwell. 123,730; Nov. 26.
Paper or similar article, Cover. T. L. Stone. 122,453; Sept. 10.
Paper or similar article, Decorative. H. F. Harter. 121,837; Aug. 6.
Paper or similar article, Sheet of decorative. H. F. Harter. 121,764; Aug. 6.
Paper or similar article, Wrapping. T. L. Carter. 120,951–3; June 4.
Paper or similar article, Wrapping. T. L. Carter. 121,365; July 9.
Paper or similar article, Wrapping. A. Fontaine and S. Haggander. 121,274; July 2.

Paper or the like, Wall. F. E. Leitch. 119,432; Mar. 12.
Paper, Wall. E. Ericson. 123,012; Oct. 8.
Paper, Wall. E. Ericson. 123,027; Oct. 8.
Paper, Wall. H. Fasold. 123,445; Nov. 5.
Paper, Wall. R. Weiss. 123,009; Oct. 8.
Paper, Wrapping. L. M. Knoche. 121,993; Aug. 20.
Paper, Wrapping. G. C. Robinson. 121,050; June 11.
Paper, Wrapping. J. E. Vivaudou and H. G. Lubin. 120,520; May 14.
Parachute pack. F. Smith. 123,511; Nov. 12.
Pasteurizer, Liquid. A. H. Boileau. 123,469; Nov. 12.
Pasteurizer or similar article. J. L. Herold and F. W. Wehmiller. 123,618; Nov. 19.
Pea sheller, Green. S. Q. Harper. 123,186; Oct. 22.
Pedal, Cycle. W. J. St. Onge. 121,499; July 16.
Pedestal for school desks, Offset. W. J. Bargen. 121,630; July 23.
Peeling machine. M. R. Anstice. 118,467; Jan. 9.
Pen, Fountain. J. Vassos. 118,872; Feb. 6.
Pen or similar article, Fountain. A. N. Andrews. 121,087; June 18.
Pen or similar article, Fountain. R. E. McKiernan. 123,485; Nov. 12.
Pen or similar article, Fountain. J. N. Whitehouse. 121,406; July 9.
Pen or similar article, Fountain. H. Zoll. 124,266; Dec. 24.
Pen staff and nib therefor, Combination. J. Van Dine. 123,706; Nov. 26.
Pencil. W. Daneke. 123,078; Oct. 15.
Pencil, Lead propelling. C. C. Harris. 119,263; Mar. 5.
Pencil, Mechanical. L. J. Most. 120,137; Apr. 23.
Pencil, Mechanical. W. O. Ponath. 119,006; Feb. 13.
Pencil or similar article. S. G. Lipic. 123,297; Oct. 29.
Pencil or similar article, Mechanical. H. Dreyfuss. 124,230; Dec. 24.
Pencil or similar article, Mechanical. H. Dreyfuss. 124,248; Dec. 24.
Pencil or similar article, Mechanical. L. W. Saulsbury. 120,899; June 4.
Pencil or similar article, Mechanical. H. Zoll. 119,417; Mar. 12.
Pencil or similar article, Pocket. S. G. Lipic. 120,108; Apr. 23.
Pencil or similar article, Pocket. S. G. Lipic. 120,127; Apr. 23.
Pendant. F. P. Miro. 124,391; Dec. 31.
Pendant, Cruciform. M. Kronstadt. 118,859; Feb. 6.
Pendant or similar article. V. Silson. 120,113; Apr. 23.
Pendant or similar article. V. Silson. 121,261–2; June 25.
Pendant or the like, Perfume containing. W. C. Frommer. 119,196; Feb. 27.
Pendant, Prismatic. I. Levin. 118,626; Jan. 23.
Pendant, Prismatic. I. Levin. 121,211; June 25.
Phonograph, Commercial. W. F. Feyrer. 120,501; May 14.
Phonograph record changer standard. L. B. Green. 120,910; June 4.
Phonograph record player. J. B. Suomala. 121,427; July 9.
Phonograph remote control and reproducing device, Combined. N. A. Miller. 122,499; Sept. 10.
Phonograph tone arm. W. E. Sharer. 118,747; Jan. 30.
Photocopying apparatus. A. J. Greenblau. 119,883; Apr. 9.
Photo enlarging mask. H. W. Lormor. 121,394; July 9.
Photographic enlarger. K. Kallusch. 122,823; Oct. 1.
Photographic enlarger. H. R. Kossman and R. C. Hubbard. 118,563; Jan. 16.
Photographic enlarger. R. Simon. 120,656; May 21.
Photographic enlarger head. J. W. Gillon. 119,259; Mar. 5.
Photographic reproduction unit. J. B. Tupper. 123,606–7; Nov. 19.
Photographic viewing apparatus. A. E. Schubert. 118,949; Feb. 13
Photometer. A. W. Hubbard. 122,117; Aug. 27.
Piano. G. C. Kavanagh. 121,417; July 9.
Piano. W. Zaiser. 119,518; Mar. 19.
Piano, Grand. W. Zaiser. 121,441; July 9.
Piano or the like. W. Zaiser. 121,527; July 16.
Picture projector base. W. Mack. 121,910; Aug. 13.
Picture projector housing. W. Mack. 121,911; Aug. 13.
Picture projector, Motion. W. E. Merriman and H. C. Wellman. 124,258; Dec. 24.
Picture projector, Motion. H. C. Wellman. 124,263–4; Dec. 24.
Picture projector, Motion. H. C. Wellman. 124,280; Dec. 24.
Pillow. E. Thompson. 124,296; Dec. 24.
Pillowcase or similar article. V. W. Marghab. 122,491; Sept. 10.
Pillow case or similar article. E. Sutton. 124,375; Dec. 31.
Pin. E. W. Gaffield. 122,720; Sept. 24.
Pin. L. C. Mark. 122,085; Aug. 20.
Pin. W. Markle. 122,218; Aug. 27.
Pin. W. Markle. 124,039; Dec. 17.
Pin. W. Markle. 124,390; Dec. 31.
Pin, Brooch. V. Silson. 121,640; July 23.
Pin clip. A. Philippe. 118,756–9; Jan. 30.
Pin clip. V. Silson. 120,967; June 4.
Pin, Lapel. L. P. Bosworth. 123,073; Oct. 15.
Pin, Lapel. S. Holstein. 121,117; June 18.
Pin, Lapel. S. Holstein. 121,957; Aug. 13.
Pin, Lapel. S. Holstein. 122,434; Sept. 10.
Pin, Lapel. B. Smith. 119,199; Feb. 27.
Pin or similar article. M. Boucher. 120,539–40; May 14.
Pin or similar article. M. Boucher. 120,611–12; May 21.
Pin or similar article. D. Cooper. 122,255–9; Sept 3.
Pin or similar article. A. Katz. 119,756; Apr. 2.
Pin or similar article, Brooch. P. E. Flato. 123,162; Oct. 22.
Pin or similar article, Brooch. W. W. Hobé. 123,164; Oct. 22.
Pin or similar article, Brooch. W. W. Hobé. 123,200; Oct. 22.
Pin or similar article, Brooch. W. W. Hobé. 123,265–6; Oct. 29.
Pin or similar article, Brooch. A. Katz. 122,195–9; Aug. 27.
Pin or similar article, Brooch. A Philippe. 122,221; Aug. 27.
Pin or similar article, Brooch. G. Verrecchio. 123,280; Oct. 29.
Pin or similar article, Clip. L. Hess. 119,857–8; Apr. 9.
Pin or similar article, Lapel. N. Meadow. 120,626; May 21.
Pin or similar article, Novelty. C. D. Prudden. 123,276; Oct. 29.
Pin or similar article of jewelry. E. Foret. 123,568; Nov. 19.
Pin or the like. W. Lampl. 120,436; May 7.
Pin or the like. W. Lampl. 120,446; May 7.
Pin or the like. W. Lampl. 120,462; May 7.
Pin or the like. W. Lampl. 123,088; Oct. 15.
Pin stem finding. E. Morehouse. 122,446; Sept. 10.
Pinking machine. W. T. Maxant. 120,889; June 4.
Pipe. G. T. Ash. 120,536; May 14.
Pipe. J. S. Fisher. 123,935; Dec. 10.
Pipe. J. Galter. 123,754; Dec. 3.
Pipe. C. Rothman. 120,275; Apr. 30.
Pipe. H. T. Schiff. 121,524; July 16.
Pipe. H. T. Schiff. 121,933–5; Aug. 13.
Pipe. J. Starrels. 123,756; Dec. 3.
Pipe casing for underground storage tanks, Combined filler and suction. H. W. Longdin. 124,316; Dec. 31.
Pipe extension, Exhaust. L. E. Russell. 124,393; Dec. 31.
Pipe rest or similar article. E. A. Kline, Jr. 122,464; Sept. 10.
Pipe or similar article. L. J. Robertson. 120,556; May 14.
Pipe, Smoker's. L. J. Gluckstern. 123,099; Oct. 15.
Pipe, Smoker's. R. L. Miller. 120,674; May 21.
Pipe, Smoker's. C. S. Nicoud. 121,521; July 16.
Pipe, Smoking. M. Schnaier. 122,187; Aug. 27.
Pipe Tobacco. M. Bressler. 122,042; Aug. 20.
Pipe, Tobacco. J. D. Kingston. 123,085; Oct. 15.
Pipe, Tobacco. C. S. Nicoud. 122,319; Sept. 3.
Pipe working machine. R. B. Pealer. 118,416; Jan. 2.
Pipette. J. J. Moran. 121,520; July 16.
Pistol. S. W. Dimick. 121,317; July 2.
Piston. J. Flammang, P. L. Bowser, W. M. Venner, and P. L. Bowser, Jr. 122,922; Oct. 8.
Pitcher. E. Haub. 120,484; May 14.
Pitcher. J. E. Spence. 118,727; Jan. 30.
Pitcher, Granulated soap. E. C. Leick. 120,107; Apr. 23.
Pitcher or similar article. P. H. Genter. 119,749; Apr. 2.
Pitcher or similar article. D. Haslup. 118,721; Jan. 30.
Pitcher or similar article. W. O. Prouty. 120,514; May 14.
Plaque or similar article. G. Capellazzi and V. Germana. 119,255; Mar. 5.
Plaque or similar article. C. F. Sargent. 122,501; Sept. 10.
Plaque or similar article. H. J. Williams. 123,492; Nov. 12.
Plaque, Souvenir. H. A. McPeak. 119,636; Mar. 26.
Plastic packaging reinforcing sheet. C. H. Luby. 123,909; Dec. 10.
Plate coating machine. G. W. Tammen. 121,823; Aug. 6.
Plate for a remote control device of similar article, Wall. W. A. Ray. 121,702; July 30.
Plate for roller skates, Foot. R. H. Goetsch. 121,370; July 9.
Plate, Hot water. S. W. Farber. 121,468; July 16.
Plate, Molded fiber luncheon. C. J. Chaplin. 124,291; Dec. 24.
Plate, Molded fiber service. C. J. Chaplin. 124,290; Dec. 24.
Plate or similar article. B. F. Auerbach. 118,360; Jan. 2.
Plate or similar article. O. Bar. 121,862–4; Aug. 13.
Plate or similar article. M. Gougler. 121,809–10; Aug. 6.
Plate or similar article. G. J. Higginson. 118,579–80; Jan. 16.
Plate or similar article. C. W. Leigh. 118,703–8; Jan. 30.
Plate or similar article. C. W. Leigh. 119,270–4; Mar. 5.
Plate or similar article. C. W. Leigh. 121,049; June 11.
Plate or similar article. O. Mankki. 119,864; Apr. 9.
Plate or similar article. R. A. May. 119,964; Apr. 16.
Plate or similar article. R. A. May. 120,349; May 7.
Plate or similar article. E. M. Otis. 124,107; Dec. 17.
Plate or similar article. E. M. Otis. 124,165; Dec. 17.
Plate or similar article. V. Skellern. 121,329; July 2.
Plate or similar article. V. Skellern. 121,331; July 2.

Plate or similar article. V. Skellern and J. E. Goodwin. 121,330; July 2.
Plate or similar article. J. M. Smith, Jr. 124,209; Dec. 24.
Plate or similar article. J. T. Wigley. 121,314; July 2.
Plate whirler. G. W. Tammen. 120,581; May 14.
Platter or similar article. L. Guild. 118,556; Jan. 16.
Playsuit ensemble. M. Rubin. 123,246; Oct. 22.
Pliers, Battery. W. A. Sandy. 119,441; Mar. 12.
Plug, Electric master. H. N. Perl. 121,820; Aug. 6.
Plug, Fishing. L. D. Lucksted. 121,492; July 16.
Plug, Fishing. J. E. Nelson. 121,928; Aug. 13.
Plug, Screw. A. Illsche. 123,101; Oct. 15.
Pocket ironing device, Garment. J. F. Leef. 121,687; July 30.
Pocketknife. H. J. Haydel. 118,622; Jan. 23.
Polarimeter or the like. W. F. Peck and R. S. Estey. 124,240; Dec. 24.
Post for bowling ball racks or the like, Newel. A. L. Henkel and B. M. Ewing. 121,319; July 2.
Post for bowling ball racks or the like, Terminal. A. L. Henkel and B. M. Ewing. 121,318; July 2.
Post, Handle. J. H. Plotkin. 121,997; Aug. 20.
Post, Luggage handle. J. H. Plotkin. 122,030; Aug. 20.
Pouch, Tobacco. R. B. Brinnon and M. D. Brinnon. 122,179; Aug. 27.
Pouch, Tobacco. J. Schwalbe. 124,412; Dec. 31.
Pourer, Bottle. J. J. Daly. 119,302; Mar. 5.
Power chamber. E. Knauss. 118,597; Jan. 16.
Power transmission. J. Robinson. 123,005; Oct. 8.
Press. J. A. Muller. 124,327; Dec. 31.
Press. F. E. Sebring. 124,333; Dec. 31.
Press frame. S. Bolling. 120,235; Apr. 30.
Press frame. S. Bolling. 122,252; Sept. 3.
Press or the like. L. A. Camerota. 123,688; Nov. 26.
Press or the like. F. J. Rode and M. R. Hatch. 119,983; Apr. 16.
Press, Molding. F. S. Farley. 121,009; June 11.
Press unit front. T. F. Stacy. 120,360; May 7.
Print mounter. F. Kuhn and L. H. Thomas. 122,799; Oct. 1.
Printer, Photographic. F. K. Moore. 123,245; Oct. 22.
Printing machine. C. H. Sand, Jr. 123,918; Dec. 10.
Profiling machine. F. S. Shields. 121,577; July 23.
Projection apparatus, Photographic. R. S. Hopkins. 118,940; Feb. 13.
Projector. M. H. Goldberg. 118,474; Jan. 9.
Projector. H. Osterberg and T. G. Aitcheson. 121,097; June 18.
Projector. H. Osterberg and C. M. Sperazz. 121,098; June 18.
Projector, Film. T. V. De Haven. 119,488; Mar. 19.
Projector, Motion picture. G. Kende, and R. Salvatore. 121,816; Aug. 6.
Projector, Motion picture. T. J. Morgan. 120,243; Apr. 30.
Projector, Slide. G. Spindler. 119,946; Apr. 16.
Propeller. M. Fischer. 121,201; June 25.
Protector for golf bags, Base. C. A. Ferguson. 118,815; Feb. 6.
Protector, Hip. C. A. De Ware. 123,956; Dec. 10.
Protector, Hosiery. W. W. Elgin. 120,419; May 7.
Protector, Leg garment. J. M. Grezlak. 120,887; June 4.
Pull for a slide fastener. J. B. Clark. 118,693; Jan. 30.
Pulley for chain hoists or the like. L. V. Guild. 123,084; Oct. 15.
Pulse count and blood pressure indicating machine, Combination. B. W. and H. S. Williams. 121,264; June 25.
Pump. T. G. Beckett. 120,537; May 14.
Pump. W. F. Collier. 123,121; Oct. 15.
Pump. H. M. Loeber. 118,981; Feb. 13.
Pump. H. M. Loeber. 119,214; Feb. 27.
Pump. G. B. Spiegel. 119,404; Mar. 12.
Pump. L. Zimmermann. 123,037; Oct. 8.
Pump body. J. A. Murnane. 120,385; May 7.
Pump body or similar article, Rotary. T. R. Tyler. 118,842; Feb. 6.
Pump, Gear. H. Van Doren, D. Dailey, and G. M. Geiger. 119,311–12; Mar. 5.
Pump or the like, Fluid. G. W. Tammen. 120,533; May 14.
Pump unit, Portable fire. R. D. Kaul. 120,552; May 14.
Punch board or similar article. W. B. Vandegrift. 119,055; Feb. 20.
Puppet animal figure. R. K. Ostrander. 123,436; Nov. 5.
Purse. H. Morris. 123,840; Dec. 3.
Purse, Convertible. M. Hall. 120,586; May 14.
Push button and escutcheon plate, Combined electric. M. I. Davis. 121,273; July 2.
Puzzle. J. D. Boyle. 121,006–7; June 11.
Puzzle. J. C. Roch. 118,838; Feb. 6.
Rack and ash tray or the like, Combined game chip. C. Cruze and A. G. Babo. 123,790; Nov. 26.
Rack and carrier, Combined. A. W. Planeta. 118,672; Jan. 23.
Rack and carrier, Combined. A. W. Planeta. 119,671; Mar. 26.
Rack attachment for tobacco can, Pipe. G. S. Sterne. 119,207; Feb. 27.
Rack, Battery display. E. R. Hardy. 122,163; Aug. 27.
Rack, Belt. S. Owen. 122,692; Sept. 24.
Rack, Bird feeding. W. L. Bishop. 120,852; June 4.
Rack, Combination winding and drying. M. Morgan. 118,646; Jan. 23.
Rack, Combined can carrier and display. A. Brandes, R. A. Quirk, and R. J. Burke. 120,374; May 7.
Rack, Combined radio, clock and book. S. D. Nicholas. 121,596; July 23.
Rack, Display. E. R. Erickson. 120,729; May 28.
Rack, Display. E. R. Erickson. 122,011; Aug. 20.
Rack, Display. F. D. Griffin. 122,462; Sept. 10.
Rack, Display. G. C. Gill. 119,034; Feb. 20.
Rack, Display. J. N. Hollingsworth. 120,485; May 14.
Rack, Display. B. C. Howell and F. F. Melvin. 123,126; Oct. 15.
Rack, Display. J. R. Kneebone. 123,432; Nov. 5.
Rack, Display. M. L. McLean. 120,109; Apr. 23.
Rack, Display. L. A. Shelton and R. W. Smith. 118,455; Jan. 9.
Rack, for cups, saucers, or the like. H. J. Watral. 120,494; May 14.
Rack for dresses or the like, Display. D. H. Whitehead. 121,801; Aug. 6.
Rack for glasses or the like. A. L. Henkel and B. M. Ewing. 121,388; July 9.
Rack for kitchen utensils or the like. H. H. Hopkins. 120,343; May 7.
Rack for neckties or the like, Display. W. Seidler. 119,076; Feb. 20.
Rack for packaged goods, Display. R. W. Smith. 118,458; Jan. 9.
Rack for piece goods bolts, Display. S. P. Brown. 118,442; Jan. 9.
Rack for piece goods bolts, Display. S. P. Brown. 119,154; Feb. 27.
Rack for post cards, Display. C. Teich. 118,394; Jan. 2.
Rack for supporting an interchangeable radio receiver unit. F. H. Drake. 123,588; Nov. 19.
Rack for supporting an interchangeable radio transmitter unit. F. H. Drake. 123,587; Nov. 19.
Rack, Iron. F. Ascencio. 122,676; Sept. 24.
Rack or similar article, Cord. E. J. Nolan, Jr. 119,502; Mar. 19.
Rack or similar article, Detachable towel. R. S. Sanford. 118,630–3; Jan. 23.
Rack or similar article, Display. E. R. Erickson. 122,680; Sept. 24.
Rack or similar article, Display. E. R. Erickson. 123,878; Dec. 10.
Rack or similar article, Display. L. A. Shelton. 121,130; June 18.
Rack or similar article, Utensil. R. A. Kopp. 119,760; Apr. 2.
Rack or the like, Apparel. B. M. Flannery. 121,045; June 11.
Rack or the like, Display. E. R. Erickson. 119,258; Mar. 5.
Rack or the like, Flower M. I. R. Cheatham. 124,303; Dec. 31.
Rack or the like, Magazine. E. A. Schaffer. 119,560; Mar. 19.
Rack, Paint brush. C. E. Karst. 121,298; July 2.
Rack, Perfume. H. Schwartz. 119,600; Mar. 26.
Rack, Pipe. G. A. Bernheimer. 121,433; July 9.
Rack, Pipe. H. Lathrop. 120,785; May 28.
Rack, Roast. G. C. Lynch. 124,197; Dec. 24.
Rack, Roasting. G. V. Post. 121,598; July 23.
Rack, Seed. H. M. Gosnell. 121,869; Aug. 13.
Rack, Shoe. B. Deja. 121,112; June 18.
Rack, Shoe. I. Seltzer. 122,929; Oct. 8.
Rack, Tie. B. M. Lester. 122,688; Sept. 24.
Rack, Tie. A. A. Nu-Dell. 119,045; Feb. 20.
Rack, Tie. A. A. Nu Dell. 123,487; Nov. 12.
Rack, Tire display. R. Heckman. 123,807; Dec. 3.
Rack, Tumbler. A. J. Havlis. 118,621; Jan. 23.
Rack, Tumbler. A. J. Havlis. 124,218–9; Dec. 24.
Radiator. J. F. McIntire. 118,945; Feb. 13.
Radiator. J. F. McIntire. 122,944; Oct. 8.
Radiator cover and hood, Combined tractor. R. Loewy and T. H. Koeber. 119,826; Apr. 2.
Radiator shell. F. M. Young. 124,135; Dec. 17.
Radiator shell, Automobile. R. Cadwallader. 119,373; Mar. 12.
Radiator shell, Automobile. R. Cadwallader. 119,375–6; Mar. 12.
Radio and lamp, Combined. M. Ress. 120,919; June 4.
Radio log device. J. I. Steventon and S. W. Johnson. 123,926; Dec. 10.
Radio, Portable. W. J. Schnell. 124,301; Dec. 24.
Radio receiver. F. H. Drake and J. E. Johanson. 124,269; Dec. 24.
Radio, Table. R. Dardess. 118,495; Jan. 9.
Range. E. A. Rutenber. 121,796; Aug. 6.
Range. W. D. Teague and C. S. Myers. 124,160; Dec. 17.
Range, Combination gas and coal. H. H. Heidbreder. 119,328; Mar. 5.
Range, Electric. W. J. Russell. 118,793; Jan. 30.
Range, Electric. W. J. Russell. 119,559; Mar. 19.
Range, Electric. W. J. Russell. 119,942; Apr. 16.
Range finder. J. Mihalyi. 124,235; Dec. 24.
Range, Gas. E. D. Pellegrin. 123,893–4; Dec. 10.
Range, Gas. E. D. Pellegrin. 123,914; Dec. 10.
Range or analogonus article. W. C. Lindemann and R. Meiners. 121,722; July 30.
Range or similar article. E. D. Pellegrin. 123,784; Dec. 3.

Range or similar article. E. D. Pellegrin. 123,818; Dec. 3.
Range or similar article. E. D. Pellegrin. 123,915–16; Dec. 10.
Razor. F. W. Pierson. 118,833; Feb. 6.
Razor demonstrating unit, Electric. G. T. Scharfenberg. 123,821; Dec. 3.
Reading glass. L. F. Chapoton. 120,498; May 14.
Reamer for smoking pipes. J. Kohn. 119,522; Mar. 19.
Reamer, Fruit. J. M. Majewski, Jr. 118,640; Jan. 23.
Rebound device for a pin-ball game apparatus. C. E. Caestecker. 121,088–9; June 18.
Receiver, Ash. H. F. Reichenbach. 124,409; Dec. 31.
Receiver or the like, Ash. L. Meyer. 124,322; Dec. 31.
Receptacle, Ash. M. J. Fletcher. 120,105; Apr. 23.
Receptacle, Ash. M. J. Fletcher. 121,920; Aug. 13.
Receptacle base for an electrical connector. A. L. W. Williams. 118,924; Feb. 6.
Receptacle, Cigarette. T. E. Hynek. 119,305; Mar. 5.
Receptacle, Coin. L. O. D. Harris. 121,589; July 23.
Receptacle, Flexible. V. Linderman. 120,814; May 28.
Receptacle, Flexible pocket. D. J. Broughton. 123,183; Oct. 22.
Receptacle, Flexible pocket. W. R. Buxton. 118,409; Jan. 2.
Receptacle, Flexible pocket. W. R. Buxton. 119,928; Apr. 16.
Receptacle, Flexible pocket. W. R. Buxton. 120,855–6; June 4.
Receptacle, Flexible pocket. W. R. Buxton. 124,354–5; Dec. 31.
Receptacle, Flexible pocket. W. R. Buxton. 124,379–82; Dec. 31.
Receptacle for a refrigerator or the like, Food storage. R. E. Kruck. 122,760; Sept. 24.
Receptacle for batteries and similar articles. O. B. Carson. 120,526; May 14.
Receptacle for cigarettes, cosmetics, and other articles. A. F. Reilly. 123,639; Nov. 19.
Receptacle for cosmetics. C. H. Lawrence. 124,221–2; Dec. 24.
Receptacle for cosmetics. A. F. Reilly. 121,079–81; June 18.
Receptacle for cosmetics. A. F. Reilly. 121,085; June 18.
Receptacle for fountain pen or the like. R. Back. 121,383; July 9.
Receptacle, Garbage. M. Kamenstein. 118,374; Jan. 2.
Receptacle, Newspaper. E. S. Smith. 122,006; Aug. 20.
Receptacle or similar article, Ash. W. Fuller. 119,802; Apr. 2.
Receptacle or similar article, Ash. J. C. Hinkle. 119,657; Mar. 26.
Receptacle, Trash. M. Lumley. 123,212; Oct. 22.
Receptacle unit, for pencils, envelope openers, rulers, or the like, Desk. G. S. Dolgorukov. 118,411 Jan. 2.
Redingote. S. E. Frontman. 120,712; May 21.
Redingote. A. Naftal. 120,948; June 4.
Redingote. S. Novak. 120,837; May 28.
Redingote. A. Rosen. 120,427; May 7.
Reed for a musical instrument. A. A. Verville. 119,602; Mar. 26.
Reed for a wind instrument. E. Schwartz. 122,783; Oct. 1.
Reel, Moving picture. J. M. Goldberg. 122,017; Aug. 20.
Reeling device, Film. B. Stechbart. 121,907; Aug. 13.
Reeling unit, Clothesline. G. L. Hunt. 119,753; Apr. 2.
Reflector. G. Arras. 118,490; Jan. 9.
Reflector. D. G. Saaf. 120,021; Apr. 16.
Reflector, Diffusing light. W. B. Petzold. 122,878; Oct. 1.
Reflector for bicycles. H. W. Kranz. 120,737; May 28.
Reflector for lighting fixtures. D. G. Saaf. 120,020; Apr. 16.
Reflector, Lantern. E. G. Griffith and H. L. Johnson. 121,992; Aug. 20.
Reflector post. R. R. Robinson, Sr., and G. Lannon. 123,764; Dec. 3.
Reflector signal device or the like. J. C. Haggart, Jr. 120,549–51; May 14.
Refreshment stand. W. B. Mann. 121,494; July 16.
Refrigerating unit, for receiving and storing frozen custard or the like. C. Erickson and E. Spellman. 123,904; Dec. 10.
Refrigerator cabinet. J. R. Morgan. 122,779; Oct. 1.
Register. L. E. Heasley. 121,811; Aug. 6.
Register. G. W. Tammen. 121,822; Aug. 6.
Register, Baseboard. C. S. Lundgren. 119,868–8; Apr. 2.
Register or similar article, Air conditioning. C. Demuth. 118,851; Feb. 6.
Regulator for furnaces, Draft. W. C. De Roo. 123,185; Oct. 22.
Reproduction machine. V. J. Sussin. 121,105; June 18.
Rest for machine tools, Steady. M. A. Hollengreen and R. E. Price. 121,412; July 9.
Retinoscope. J. R. Miles. 119,555; Mar. 19.
Ribbon. J. D. Huizeng. 118,414; Jan. 2.
Ribbon. J. D. Huizeng. 119,723; Mar. 26.
Ribbon. O. Lion. 121,791–2; Aug. 6.
Ribbon. O. Lion. 124,473; Dec. 31.
Ring. A. J. Haegele. 120,618; May 21.
Ring. S. Halper. 124,312; Dec. 31.
Ring, Fastener prong. P. E. Fenton. 120,000–3; Apr. 16.
Ring, Fastener prong. O. J. Huelster. 120,007; Apr. 16.
Ring, Fastener prong. O. J. Huelster and J. G. Wolff. 120,008–9; Apr. 16.
Ring, Fastener prong. T. F. Slater. 119,945; Apr. 16.
Ring, Fastener prong. T. F. Slater. 120,023–4; Apr. 16.
Ring, Fastener prong. T. F. Slater. 120,764–6; May 28.
Ring, Fastener prong. T. F. Slater. 120,790–1; May 28.
Ring, Engagement. N. A. Cohn. 118,591; Jan. 16.
Ring, Finger. B. Esh. 120,615–16; May 21.
Ring, Finger. E. Hammer. 121,473; July 16.
Ring, Finger. B. Karr. 119,860; Apr. 9.
Ring, Finger. S. Kaufman. 119,980; Apr. 16.
Ring, Finger. F. P Kinsley. 118,978; Feb. 13.
Ring, Finger. F. P. Kinsley. 120,975–7; June 11.
Ring, Finger. O. H. Mengel. 120,996; June 11.
Ring, Finger. T. M. Pajzs. 118,386; Jan. 2.
Ring, Finger. S. J. Portnoy. 120,355; May 7.
Ring, Finger. P. Reiter. 124,332; Dec. 31.
Ring, Finger. H. R. and A. P. Terryberry. 120,492–3; May 14.
Ring, Finger. H. R. and A. P. Terryberry. 122,701; Sept. 24.
Ring, Key. K. Fassnacht. 122,665; Sept. 24.
Ring, Locket. W. Silverman. 121,483; July 16.
Ring mounting. M. Mann. 120,129; Apr. 23.
Ring or similar article. W. M. Itton. 120,010; Apr. 16.
Ring or similar article. E. O. Oberdick. 120,352; May 7.
Ring or similar article. D. H. Whitehead. 119,814; Apr. 2.
Ring or similar article, Finger. J. J. Klecka. 122,297; Sept. 3.
Ring or similar article, Finger. D. Widess. 118,887; Feb. 6.
Ring, Wedding. N. A. Cohn. 118,592; Jan. 16.
Ring, Wedding. M. Sherman. 119,052; Feb. 20.
Ring, Wedding. M. Sherman. 119,506; Mar. 19.
Ripping device. B. L. Chatfield. 119,178; Feb. 27.
Robe. I. Herdegen. 122,749; Sept. 24.
Robe. I. Herdegen. 123,522; Nov. 12.
Robe, Carriage. B. B. Friedman. 118,956; Feb. 13.
Robe, Chenille. F. Schaeffer. 121,932; Aug. 13.
Robe, Chenille. C. Shapiro. 123,021–2; Oct. 8.
Robe or similar article. B. Lombard. 119,807; Apr. 2.
Robe or similar article. A. Macksoud. 122,824; Oct. 1.
Rod, Curtain. G. W. Kirsch. 119,576; Mar. 19.
Roller, Foot. B. L. Lindgren. 119,035; Feb. 20.
Roller, Ribbon. O. Lion. 122,897; Oct. 8.
Rug. L. Biva. 119,110; Feb. 20.
Rug. L. Biva. 121,973–4; Aug. 13.
Rug. L. Biva. 122,678; Sept. 24.
Rug. W. T. Case. 119,672; Mar. 26.
Rug. M. V. Chevers. 120,831; May 28.
Rug. M. Feldman. 121,641; July 23.
Rug. S. C. Halladay. 119,126; Feb. 20.
Rug fabric. A. Beck. 120,252; Apr. 30.
Rug or similar article. J. M. de Moreau. 122,192; Aug. 27.
Rug or similar article. F. A. Haas. 123,548; Nov. 12.
Rug or similar article. G. V. Uihlein. 118,679; Jan. 23.
Rug or similar article. G. V. Uihlein. 119,481–3; Mar. 12.
Sachet ball, perfume bottle, and holders therefor, Combined. J. E. Vivaudou and H. G. Lubin. 123,440; Nov. 5.
Sachet doll and container therefor, Combined. J. E. Vivaudou and H. G. Lubin. 123,438; Nov. 5.
Sack or similar container, Merchandising. H. K. Knowles and W. Fleming. 118,665; Jan. 23.
Saddle, Bicycle. B. N. Lobdell. 121,168; June 25.
Saddle, Cycle. H. E. Kalter. 122,409–10; Sept. 10.
Saddle for an ophthalmic mounting. G. E. Nerney. 121,397; July 9.
Safe or similar article. P. Bescherer. 120,335–7; May 7.
Safe or similar article, Theft, fire and water proof. C. R. Davis. 118,366; Jan. 2.
Safety-razor blade. S. Massard. 122,444; Sept. 10.
Saltcellar or similar container. H. C. Gessler. 120,547; May 14.
Salt shaker, pepper shaker, and tray therefor, Combined. J. Hommer. 124,029; Dec. 17.
Sandal. J. B. Berland. 118,719; Jan. 30.
Sandal. H. B. Delman. 118,616–17; Jan. 23.
Sandal. M. Lippert. 119,885; Apr. 9.
Sandal. N. Mitchell. 120,130; Apr. 23.
Sander or the like, Portable electric. G. D. Behlen. 123,257; Oct. 29.
Sanding machine. J. H. Willmarth. 123,425; Nov. 5.
Saucepan. P. V. Gardner. 118,445; Jan. 9.
Saw. W. F. Nessen. 118,415; Jan. 2.
Saw, Electric hand. G. T. Wax. 120,534; May 14.
Saw handle. F. R. Weaver. 121,502; July 16.
Saw head, Pole. L. F. Strout. 122,674; Sept. 24.
Saw or similar article, Hack. A. G. Wickbergh. 122,704–5; Sept. 24.
Saw, Portable. E. M. Saliba and M. C. Vincent. 123,230; Oct. 22.
Saw, Power. L. F. Atwood. 122,913–4; Oct. 8.
Saw, Printer's. G. W. Tammen. 120,792; May 28.
Scale. A. J. Watling. 119,292; Mar. 5.
Scale and mirror, Combined weighing. B. S. Watling. 119,056; Feb. 20.
Scale, Postal. C. C. Veneman. 122,426; Sept. 10.
Scale, Spring. A. J. Shekter. 119,966; Apr. 16.
Scale, Weighing. H. W. Hem. 121,767; Aug. 6.

Scale, Weighing. J. O. Reinecke. 120,679; May 21.
Scale, Weighing. B. S. Watling. 119,604; Mar. 26.
Scale, Wheel load. D. Middleman. 118,827; Feb. 6.
Scalp massaging device. R. F. Buckley. 122,254; Sept. 3.
Scarf. M. I. Addison. 119,536; Mar. 19.
Scarf. G. De Postels. 123,544; Nov. 12.
Scarf. P. Wittl. 121,135; June 18.
Scarf or similar article. M. Dorn. 123,385–7; Nov. 5.
Scarf or similar article. M. Dorn. 123,545; Nov. 12.
Scarf or similar article. J. J. Goodman. 120,078–9; Apr. 16.
Scarf or similar article. J. S. Madsen. 120,269; Apr. 30.
Scarf or similar article. V. Winston. 120,682; May 21.
Scarf or similar article, Ascot. C. Clawson. 120,418; May 7.
Scarf or similar article, Embroidered fabric. M. Seidel. 122,697–8; Sept. 24.
Scarf, Snood. A. M. Grean. 120,585; May 14.
Scissors, Electric. R. D. Schoenbrod. 123,844; Dec. 3.
Scissors, Hair-cutting. J. A. N. De Requesens. 123,079; Oct. 15.
Scoop, Sink. J. T. Berge. 120,610; May 21.
Scooter. A. G. Belden. 123,379; Nov. 5.
Scooter. J. M. Rodriguez. 120,019; Apr. 16.
Scooter. J. M. Rodriguez. 123,628; Nov. 19.
Score board. O. Pagán. 123,416; Nov. 5.
Scoreboard and display device, Combined. W. F. Kienbaum. 119,961; Apr. 16.
Scraper. E. I. Jones. 122,685; Sept. 24.
Scraper, Dirt moving. R. T. Osman. 120,014; Apr. 16.
Scraper, Griddle. B. Osborne. 120,245; Apr. 30.
Seat and back rest, Portable combined. J. Archer. 121,266; July 2.
Seat, Folding. L. G. Brouillard. 123,381; Nov. 5.
Seat or like article. J. G. Rideout. 123,573; Nov. 19.
Seat, score table, and bowling alley service unit or similar article, Combined. A. L. Henkel and B. M. Ewing. 121,411; July 9.
Seat, Window. J. Sweetwine. 122,805; Oct. 1.
Secretary or the like, Corner. M. E. Garner. 120,861; June 4.
Separator, Cream. A. W. Scarratt, R. Loewy, and W. H. Harstick. 122,277; Sept. 3.
Service bar, Portable. F. Czapski. 122,432; Sept. 10.
Service station. S. Green. 118,935; Feb. 13.
Service station. T. H. Joseph. 118,702; Jan. 30.
Servitor, Bedside. M. E. Carr, A. E. Camper, and E. L. Stevens. 123,319; Oct. 29.
Settee. A. L. Henkel and B. M. Ewing. 122,598; Sept. 17.
Settee end panel. A. L. Henkel and B. M. Ewing. 121,870; Aug. 13.
Settee, Lawn. R. M. Rink. 123,278; Oct. 29.
Settee, Gliding. R. M. Rink. 120,680; May 21.
Sewer cleaning machine. K. J. Kollmann. 118,740; Jan. 30.
Sewing machine. J. M. Beach and F. C. Ruppel. 119,469; Mar. 12.
Sewing machine. A. Sardu. 123,985; Dec. 10.
Sewing machine frame. N. Wonnacott. 122,176; Aug. 27.
Sewing machine or the like. M. S. Park and H. Hacklander. 122,963; Oct. 8.
Shade, Lamp. F. Farinacci. 121,188; June 25.
Shade, Lamp. F. J. S. Gay. 123,759; Dec. 3.
Shade, Lamp. O. Sacksteder, Jr. 123,766; Dec. 3.
Shade, Lamp. O. H. Williams. 118,523; Jan. 9.
Shade, Lamp. O. H. Williams. 120,767; May 28.
Shade or similar article, Window. C. H. Norton. 120,691; May 21.
Shaker, Combination salt and pepper. M. W. Zanghi. 122,306; Sept. 3.
Shaker for salt or pepper. H. O. Cornwall. 120,236; Apr. 30.
Shaker or similar article, Salt. L. Guild. 118,937; Feb. 13.
Sharpener, Blade. H. V. Saffell. 123,490; Nov. 12.
Sharpener, Drill point. E. Dion. 119,179; Feb. 27.
Sharpener, Knife. H. J. Smoleroff. 119,645; Mar. 26.
Sharpener, Pencil. E. C. Hoffmann. 119,782; Apr. 2.
Shaver, Dry. H. T. Schiff. 121,906; Aug. 13.
Shaver, Electric. R. F. Loewy. 121,476–9; July 16.
Shaver, Electric. W. L. Martin. 119,186; Feb. 27.
Shaver, Motor driven. J. N. Frey. 119,429; Mar. 12.
Shawl and hood, Combined. J. Berger. 124,163; Dec. 17.
Shears. L. Guild. 119,038; Feb. 20.
Shears, Electric. J. Pollak. 120,817; May 28.
Shears, Hedge. F. B. Lutman. 123,622; Nov. 19.
Sheet of metal foil, Decorative. C. S. Price. 118,726; Jan. 30.
Sheet or similar article, Plastic. M. Samuelson. 120,305; Apr. 30.
Shelf and support therefor, Combined. G. Heisler. 120,862; June 4.
Shelf for bowlers, Service. A. L. Henkel, and B. M. Ewing. 122,335; Sept. 3.
Shelf, Toilet. J. Slazinik and A. Zavicar. 120,388; May 7.
Shield and filter, Combined register. H. A. Bedol. 122,133; Aug. 27.
Shield and filter, Combined register. H. A. Bedol. 122,677; Sept. 24.
Shield, Automobile headlight. W. H. Johnsen. 124,407; Dec. 31.
Shield, Electric light. M. C. Colt. 123,932; Dec. 10.
Shield, Eye. W. H. Lehmberg. 121,121; June 18.
Shingle. F. M. Leslie. 120,622; May 21.
Shingle or the like, Asbestos-cement roof. G. Ritter. 119,439; Mar. 12.
Shirt. W. R. Seymour. 123,558; Nov. 12.
Shock absorber. E. L. Beecher. 123,687; Nov. 26.
Shoe. T. R. Atkins. 123,158–9; Oct. 22.
Shoe. B. Benjamin. 121,887; Aug. 13.
Shoe. M. Berkman. 120,796; May 28.
Shoe. C. H. Caldwell. 119,542; Mar. 19.
Shoe. T. F. Carfagno. 118,692; Jan. 30.
Shoe. H. N. Compton. 122,457; Sept. 10.
Shoe. H. B. Delman. 120,500; May 14.
Shoe. J. C. Fishman. 119,879; Apr. 9.
Shoe. R. E. Frederick. 119,656; Mar. 26.
Shoe. H. Greenblatt. 119,664; Mar. 26.
Shoe. F. V. Grubs, A. Glesser, and M. Schindelman 120,641; May 21.
Shoe. E. H. Haan. 119,496; Mar. 19.
Shoe D. Levin. 118,479; Jan. 9.
Shoe. D. Levin. 121,165–7; June 25.
Shoe. D. Levin. 121,283; July 2.
Shoe. M. Lichtentag. 122,025; Aug. 20.
Shoe. A. W. Lutz. 119,276; Mar. 5.
Shoe. S. Macri. 122,466; Sept. 10.
Shoe. R. Maling. 121,480; July 16.
Shoe. G. J. Mosher. 120,588; May 14.
Shoe. F. W. Ochs. 123,299; Oct. 29.
Shoe. A. Perugia. 124,331; Dec. 31.
Shoe. J. Roman. 120,515–16; May 14.
Shoe. A. Sbicca. 120,248; Apr. 30.
Shoe. A. I. Scherer. 121,340; July 2.
Shoe. M. C. Seaman. 119,330; Mar. 5.
Shoe. H. Sobel. 120,399; May 7.
Shoe. M. M. Tishler. 120,149–50; Apr. 23.
Shoe. W. H. Thompson. 118,576; Jan. 16.
Shoe. J. R. Weyand. 121,175; June 25.
Shoe. D. F. Whatmore. 120,901; June 4.
Shoe. E. Ziniti. 121,344; July 2.
Shoe. M. Zuckerman. 119,519; Mar. 19.
Shoe. M. Zuckerman. 119,573; Mar. 19.
Shoe or similar article. S. B. Berkow. 123,830; Dec. 3.
Shoe or similar article. I. Berman. 118,493; Jan. 9.
Shoe or similar article. I. A. Bernstein. 119,324; Mar. 5.
Shoe or similar article. W. Braun. 123,800; Dec. 3.
Shoe or similar article. D. J. Calderazzo. 119,875; Apr. 9.
Shoe or similar article. P. D. Earl. 118,471; Jan. 9.
Shoe or similar article. N. Elkin. 118,927–8; Feb. 13.
Shoe or similar article. N. Elkin. 119,492; Mar. 19.
Shoe or similar article. N. Elkin. 119,655; Mar. 26.
Shoe or similar article. N. Elkin. 123,590–2; Nov. 19.
Shoe or similar article. J. Fein and F. Ullman. 119,325–6; Mar. 5.
Shoe or similar article. G. S. Iliff. 118,858; Feb. 6.
Shoe or similar article. E. J. Korda. 122,122–4; Aug. 27.
Shoe or similar article. E. J. Korda. 122,166; Aug. 27.
Shoe or similar article. D. Levin and J. W. McGee. 120,394; May 7.
Shoe or similar article. E. D. Packard. 120,512; May 14.
Shoe or similar article. A. Perugia. 119,397; Mar. 12.
Shoe or similar article. O. M. Pick. 118,417; Jan. 2.
Shoe or similar article. L. Sholtz. 118,634–5; Jan. 23.
Shoe or similar article. A. H. Tupper. 118,521; Jan. 9.
Shoe or similar article. A. Wertheim. 119,294; Mar. 5.
Shoe or similar article. S. A. Wood. 119,514–17; Mar. 19.
Shoe or similar article. S. A. Wood. 122,105; Aug. 20.
Shoe or similar article. E. Ziniti. 120,250; Apr. 30.
Shoe or similar article, Lady's. R. Jerro. 118,722; Jan. 30.
Shoe sole. E. M. Daniels. 120,217; Apr. 30.
Shoe sole. H. Laybolt. 122,777; Oct. 1.
Shoe sole. P. E. Medwed. 118,564; Jan. 16.
Shoe sole. C. Watanabe. 119,290–1; Mar. 5.
Shoe sole. C. L. White. 122,281; Sept. 3.
Shoe sole and heel, Combined. J. and O. Fern and H. Sobel. 121,469; July 16.
Shoe sole, Rubber. R. R. Cowen. 124,229; Dec. 24.
Shoe, Tennis. D. C. Hubbard. 123,480; Nov. 12.
Shoe tree. C. E. Harriman. 122,956; Oct. 8.
Shoe with skate attached thereto, Skating. W. Ebling. 122,837; Oct. 1.
Shrine. O. Amend. 121,665; July 30.
Shroud, Automobile exhaust. L. A. Koch. 119,268; Mar. 5.
Sight feed, Lubricator. B. E. Folke. 120,860; June 4.
Sign. C. H. Macdonald and L. Rackham. 119,041; Feb. 20.
Sign, Advertising. T. L. Chryst. 120,338; May 7.
Sign and rack, Combined golf course. W. G. Dunn. 122,660; Sept. 24.
Sign, Clock. M. W. Lewis, F. Johanson, and D. R. Pennell. 120,488; May 14.
Sign, Display. J. Austin. 124,424; Dec. 31.
Sign, Electric. K. F. Smith. 123,925; Dec. 10.
Sign frame and bicycle rack, Combined. W. Wheary 118,398; Jan. 2.

Sign frame, Combination. R. O. Kirchhan. 121,572; July 23.
Sign, House number. B. E. Chapman. 118,615; Jan. 23.
Sign or similar article. J. Trojan. 124,212; Dec. 24.
Sign, Reflecting. H. L. Van Doren and D. E. Dalley. 119,313; Mar. 5.
Sign, Traffic safety. E. E. Lipphard. 120,267; Apr. 30.
Signal and mirror, Combination. E. F. Oetinger. 118,744; Jan. 30.
Signal, Chime. L. Rittenhouse. 123,061–3; Oct. 15.
Signal device. F. S. Grover. 118,857; Feb. 6.
Signal device. M. A. Lipschultz. 120,645; May 21.
Signal device. M. A. Lipschultz. 123,268; Oct. 29.
Signal device. L. Rittenhouse. 120,472; May 7.
Signal for automobiles, Safety danger. J. Calhoun. 118,733; Jan. 30.
Signal switch and support therefor, Combined. J. R. Haines. 122,517; Sept. 10.
Signal, Vehicle. V. E. Jossenberger and I. Bankoff. 119,551; Mar. 19.
Signal, Warning. T. J. Scofield. 118,867; Feb. 6.
Signaling device. W. J. Corbett. 120,749; May 28.
Signaling device. J. J. H. Muller, Jr. 122,298; Sept. 3.
Sink. A. H. Haberstump. 122,722; Sept. 24.
Sink, Platemaker's. G. W. Tammen. 120,582; May 14.
Siphon. T. S. Rigby. 123,419; Nov. 5.
Siphon. L. T. Ward. 121,052; June 11.
Siren and lamp, Combined. R. Duncan. 119,491; Mar. 19.
Skate, Roller. J. S. Coldwell and W. F. Nessen. 121,184; June 25.
Skirt. M. Sigoda. 122,342–3; Sept. 3.
Skirt. M. Sigoda. 122,502–3; Sept. 10.
Slacks. C. G. Davis. 124,246; Dec. 24.
Slacks. S. Falkenstein. 120,310; Apr. 30.
Slacks and riding breeches, Combination. L. Adler, W. Wegeman, and S. Tesher. 120,307; Apr. 30.
Slacks and suspenders, Combination. M. O. Bauer. 118,799; Jan. 30.
Slacks, Chenille. M. D. Brod. 121,111; June 18.
Slacks or similar article. E. Cadous. 123,950; Dec. 10.
Sled, Scooter. J. W. Rawlings. 121,325; July 2.
Slicer, Vegetable. E. Lewis. 122,273; Sept. 3.
Slicing machine or the like. T. Jensen and H. Rosengren. 121,490; July 16.
Slider body for slide fasteners. L. H. Morin. 123,187; Oct. 22.
Slider for separable fastener stringers. D. Marinsky. 121,338; July 2.
Slip. E. Cadous. 118,803–4; Jan. 30.
Slip. E. Cadous. 123,949; Dec. 10.
Slip. E. Cadous. 124,164; Dec. 17.
Slip. A. S. Farmer. 120,031; Apr. 16.
Slip. A. S. Khoury. 123,552; Nov. 12.
Slip. S. Wolf. 122,563; Sept. 10.
Slip. S. Wolf. 123,563; Nov 12.
Slip or similar article. S. R. D'Amato. 123,951–2; Dec. 10.
Slipper. I. Berman. 123,105; Oct. 15.
Slipper. D. J. Calderazzo. 121,890–1; Aug. 13.
Slipper. D. J. Calderazzo. 123,289; Oct. 29.
Slipper. E. Debusschere. 119,741–2; Apr. 2.
Slipper. H. M. Edelstein. 118,489; Jan. 9.
Slipper. H. M. Edelstein. 118,720; Jan. 30.
Slipper. H. Feifer. 120,859; June 4.
Slipper. R. E. Frederick. 121,894; Aug. 13.
Slipper. L. E. Friedman. 118,472–3; Jan. 9.
Slipper. L. E. Friedman. 118,606–7; Jan. 16.
Slipper. L. E. Friedman. 118,736; Jan. 30.
Slipper. M. Greenberg. 118,475–6; Jan. 9.
Slipper. E. Haug. 118,818; Feb. 6.
Slipper. R. Kaminsky. 120,242; Apr. 30.
Slipper. M. Miller. 122,468; Sept. 10.
Slipper. F. J. Shields. 121,626; July 23.
Slipper. H. Shurak. 120,249; Apr. 30.
Slipper, Bed. J. Slavin. 123,605; Nov. 19.
Slipper or similar article. D. J. Calderazzo. 119,157–64; Feb. 27.
Slipper or similar article. D. J. Calderazzo. 119,650–3; Mar. 26.
Slipper or similar article. D. J. Calderazzo. 121,466–7; July 16.
Slipper or similar article. S. Dorée. 118,695; Jan. 30.
Slipper or similar article. P. D. Earl. 121,157–8; June 25.
Slipper or similar article. A. Iwan. 121,899; Aug. 13.
Slipper or similar article. J. Romm. 118,483; Jan. 9.
Slipper or similar article. C. Wolfelt. 120,943; June 4.
Smelter, Cupola. D. Beam. 123,378; Nov. 5.
Snood-hat. A. M. Grean. 121,676; July 30.
Snow remover. W. E. Klauer. 123,905; Dec. 10.
Soap buoy or similar article. D. D. Russell. 122,728; Sept. 24.
Soap, Cake of. M. Mundheim. 123,130; Oct. 15.
Soap cake or similar article. J. H. Leonard. 123,058; Oct. 15.
Soap cake or similar article. J. H. Leonard. 123,407–8; Nov. 5.
Sock or similar article, Slipper. A. L. Wallau. 122,324–6; Sept. 3.
Sock or similar article, Slipper. A. L. Wallau. 122,345; Sept. 3.
Sofa or similar article. J. Tarr. 121,968–9; Aug. 13.
Soldering iron, Electric. M. H. Shoenberg. 123,578; Nov. 19.
Sole and heel, Combined. D. J. Calderazzo. 119,381; Mar. 12.
Sole and heel for footwear, Unitary. R. A. Morse. 122,906; Oct. 8.
Sole or similar article, Shoe. D. Levin. 123,620; Nov. 19.
Sole or similar article, Shoe. E. J. McCarthy. 121,123; June 18.
Sole, Rubber. F. A. Johnson. 119,266; Mar. 5.
Sole, Rubber. R. E. Sannar. 122,130; Aug. 27.
Sole, Rubber shoe. R. R. Cowen. 123,586; Nov. 19.
Sole, Shoe. A. A. Curtis. 120,118; Apr. 23.
Sole, Shoe. D. R. Cutler. 123,653; Nov. 19.
Sole, Shoe. R. R. Reeves. 120,316–17; Apr. 30.
Sole, Shoe. R. R. Reeves. 123,602; Nov. 19.
Sole, Shoe. N. E. Tousley. 123,898; Dec. 10.
Sound and picture reproducing apparatus, Portable combined. V. J. Boor and A. J. Bradford. 120,103; Apr. 23.
Sound and picture reproducing apparatus, Portable combined. V. J. Boor and A. J. Bradford. 120,497; May 14.
Sound picture machine and case therefor, Combined. O. J. McClure. 121,422; July 9.
Sound translating device. G. M. Giannini. 120,157; Apr. 23.
Sound transmitter, Portable electric. J. R. Cubert. 121,272; July 2.
Souvenir body belt. M. F. Masters. 121,456; July 9.
Spark plug cleaner. H. L. Hoke and R. W. Allen. 120,930; June 4.
Spark plug tester. H. L. Hoke and R. W. Allen. 120,929; June 4.
Spat, Lady's. R. K. Lindner. 123,676; Nov. 26.
Spectacle frame. E. Pappert. 121,698; July 30.
Spectacle frame. A. Sanders. 118,391; Jan. 2.
Spectacle front. C. O. Cozzens. 121,564; July 23.
Spectacle front. S. Dunkersberg. 123,859; Dec. 10.
Spectacle front. G. E. Nerney. 122,129; Aug. 27.
Spectacle front. J. J. Rohrbach. 120,357; May 7.
Spectacle temple. A. F. Williams. 118,845; Feb. 6.
Spectacles. A. F. Doebrich. 121,893; Aug. 13.
Spectacles, Pair of. G. E. Nerney. 121,396; July 9.
Spectacles, Pair of partially rimless. A. F. Williams. 121,151; June 25.
Speedboat or the like. H. Silverstein. 123,463; Nov. 5.
Spoon, Measuring. E. L. O'Bryon. 120,759; May 28.
Spoon or analogous article. A. R. Kalashian. 121,491; July 16.
Spoon or other article of flatware. E. J. Conroy. 120,166; Apr. 23.
Spoon or other article of flat-ware. E. J. Conroy. 122,113; Aug. 27.
Spoon or other article of flatware. E. J. Conroy. 123,383; Nov. 5.
Spoon or other article of flatware. M. A. Downs. 120,459; May 7.
Spoon or other article of flatware. M. A. Downs. 121,990; Aug. 20.
Spoon or other article of flatware. L. V. M. Helander. 121,160; June 25.
Spoon or other article of flat-ware. L. V. M. Helander. 122,021; Aug. 20.
Spoon or other article of flatware. L. V. M. Helander. 122,798; Oct. 1.
Spoon or other article of flatware. A. G. Kintz. 118,562; Jan. 16.
Spoon or other article of flatware. A. Mackewicz. 123,410; Nov. 5.
Spoon or other article of flatware. O. M. Otte. 120,895; June 4.
Spoon or other article of flatware. J. R. Price. 118,946; Feb. 13.
Spoon or other article of flatware. J. R. Price. 119,660; Mar. 26.
Spoon or other article of flatware. J. R. Price. 120,230; Apr. 30.
Spoon or other article of flatware. J. R. Price. 121,170; June 25.
Spoon or other article of flatware. E. W. Walker. 119,895; Apr. 9.
Spoon or other article of flatware. W. S. Warren. 121,724; July 30.
Spoon or other article of flatware. W. S. Warren. 122,675; Sept. 24.
Spoon or other article of flatware. W. S. Warren. 123,899; Dec. 10.
Spoon or other article of flatware. E. P. Zawisza. 120,176; Apr. 23.
Spoon or similar article. G. N. Allen and M. P. Fleming. 122,108; Aug. 27.
Spoon or similar article. F. W. Koonz. 119,168; Feb. 27.
Spoon or similar article. M. L. Millspaugh. 122,469; Sept. 10.
Spoon or similar article. M. Schulgasser. 122,470; Sept. 10.
Spotlight or similar article. W. E. Naylor. 120,741; May 28.
Spout and closure for bottles, Combined. A. B. R. Rothwell. 121,326; July 2.
Spray head or similar article. P. M. Brown. 121,293; July 2.

Sprayer. E. L. Rockwood. 118,419; Jan. 2.
Sprayer or similar article. R. Bernhardt. 124,058; Dec. 17.
Sprayer unit for preventing offset in printing or the like. G. W. Tammen. 119,289; Mar. 5.
Spring and support therefor, Combined vehicle. G. A. Mercer, Jr. 118,599–600; Jan. 16.
Sprinkler, Lawn. F. O. Weirich. 123,442–3; Nov. 5.
Squaring device for knock-down clothes drying frames. D. J. Butts. 121,364; July 9.
Squeezer, Fruit. F. Katzky. 124,195; Dec. 24.
Stacking unit or the like. R. F. Baird. 122,109; Aug. 27.
Stair tread. L. Galtieri. 124,173; Dec. 24.
Stamp or similar article. A. Strauss. 121,132; June 18
Stamp or similar article. A. Strauss. 121,908; Aug. 13.
Stamp or similar article. A. Strauss. 122,241; Aug. 27.
Stand. W. L. Holden and T. G. Linderme. 122,925; Oct. 8.
Stand, Advertising display. J. S. Harrison. 124,153; Dec. 17.
Stand and bottles, Combined advertising display. W. Hinkel. 121,871; Aug. 13.
Stand and bottles of perfume, Combined display. V. Leff. 121,688–9; July 30.
Stand, Bicycle. B. Cohen. 120,857; June 4.
Stand, Calendar. C. N. Montanye. 122,712; Sept. 24.
Stand, Christmas tree. H. R. Parman. 122,412; Sept. 10.
Stand, Christmas tree. S. A. Wlodyga. 120,234; Apr. 30.
Stand, Coffee brewer. M. W. Rivers. 123,019; Oct. 8.
Stand, Collapsible serving. D. Thomas. 120,793; May 28.
Stand, Combined advertising and vending display. A. N. Spanel. 121,485; July 16.
Stand, Display. D. J. Gomez. 119,956; Apr. 16.
Stand, Display. B. C. Howell and F. F. Melvin. 121,389; July 9.
Stand, Display. D. Marovich. 123,411; Nov. 5.
Stand, Display. L. Mayer. 121,421; July 9.
Stand, Display. H. C. Robinson and T. F. Challis. 122,172; Aug. 27.
Stand for automobile horns, Display. M. Watson. 122,047; Aug. 20.
Stand for automobile horns, Display. M. Watson. 122,428; Sept. 10.
Stand for beverages, food products, or the like. R. M. Koch. 123,086; Oct. 15.
Stand for material for wall coverings, floorings, rugs, or the like, Display. C. E. Stephenson. 120,491; May 14.
Stand for perfume, cosmetics, or the like, Display. I. Florman. 120,119; Apr. 23.
Stand for perfume, cosmetics, or the like, Display. I. Florman. 122,681; Sept. 24.
Stand for perfume or the like, Display. T. Mehrer. 123,412; Nov. 5.
Stand for smokers, Combination. C. Rizzuto. 123,091; Oct. 15.
Stand for spectacles or the like. P. Gribben. 123,350; Oct. 29.
Stand, Garbage can. V. Laursen. 123,196; Dec. 24.
Stand, General utility. F. C. Castelli and H. Kesler. 121,804; Aug. 6.
Stand, Hat display. T. H. Robsjohn-Gibbings. 119,640; Mar. 26.
Stand, Laboratory. T. L. Siebenthaler. 123,604; Nov. 19.
Stand, Music. H. J. Waechter. 120,114; Apr. 23.
Stand or similar article, Display. L. C. Galton. 123,055; Oct. 15.
Stand or similar article, Display. W. B. West. 121,709–11; July 30.
Stand or similar article, Display. W. B. West. 123,357–8; Oct. 29.
Stand or similar article, Garment display. S. Ring. 122,046; Aug. 20.
Stand or the like, Display. J. G. Lippincott. 123,434; Nov. 5.
Stand, Pen desk. D. Kahn. 123,404; Nov. 5.
Stand, Plant. N. W. Houlahen. 124,033; Dec. 17.
Stand, Portable food dispenser. G. L. Ely. 118,638; Jan. 23.
Stand, Reservoir desk. H. K. Stempel. 123,303; Oct. 29.
Stand, Rotary display. E. Lackow and M. Prozan. 119,269; Mar. 5.
Stand, Shoe. F. C. Castelli, and H. Kesler. 121,783; Aug. 6.
Stand, Smoking. L. Meyer. 120,273; Apr. 30.
Stand, tray, and bottles, Combined bar service. D. W. Dunberg. 120,430; May 7.
Stand, Umbrella. M. Katcher. 119,320; Mar. 5.
Stand, Vise. C. H. Ingwer. 121,898; Aug. 13.
Stapler. H. Ruskin. 120,898; June 4.
Stapling device. L. Obstfeld. 121,996; Aug. 20.
Stapling machine. A. H. Maynard. 118,279–80; Jan. 2.
Stapling machine. C. I. Tager. 119,078; Feb. 20.
Station enclosure, Control. J. O. Reinecke. 118,987; Feb. 13.
Statuette. K. Kame. 120,298; Apr. 30.
Statuette or similar article. R. G. Ruth. 118,570; Jan. 16.
Steamer, Hat. R. C. Utley and A. Feilchenfeld, Jr. 122,949; Oct. 8.
Steamer, Sleeve. R. J. Gabler. 120,239; Apr. 30.
Steering post shroud for a bicycle. J. R. Morgan. 120,132; Apr. 23.
Stencil, Draftsman's. F. Lettino. 118,824; Feb. 6.
Stenotype machine. W. B. Petzold. 119,204; Feb. 27.
Stereoscope. C. D. Austin. 120,634; May 21.
Stereoscope, Pocket. H. C. Ryker. 124,046; Dec. 17.
Stick, Hoop-rolling. R. H. Carter. 124,011; Dec. 17.
Stirring apparatus. M. J. Zimmer. 123,581–3; Nov. 19.
Stirring apparatus. M. J. Zimmer. 123,608; Nov. 19.
Stocking. R. Carafa. 120,543; May 14.
Stocking. R. Carafa. 122,590; Sept. 17.
Stocking. W. N. Minkel. 119,131; Feb. 20.
Stocking. J. D. Moyer. 118,754; Jan. 30.
Stocking. P. R. Nestler. 120,228; Apr. 30.
Stocking. T. Styka. 121,856; Aug. 6.
Stocking, Chimney. E. W. Meister. 120,161; Apr. 23.
Stocking, Lace. E. A. Nebel. 123,001; Oct. 8.
Stocking or similar article. A. O. Hanisch. 121,570; July 23.
Stocking or similar article. A. O. Hanisch. 124,406; Dec. 31.
Stocking or similar article. C. W. Tobin. 118,439; Jan. 2.
Stocking or similar article, Christmas. J. I. Kingson. 122,183; Aug. 27.
Stoker. B. M. Guthrie. 123,310; Oct. 29.
Stole, Fur. W. Mitchell. 120,097–8; Apr. 16.
Stool. A. Shaw. 121,525; July 16.
Stool. F. M. Wray. 121,826; Aug. 6.
Stool. O. Yount. 121,537; July 16.
Stop, Double door. R. A. Mann and W. H. Mills. 122,800; Oct. 1.
Stopper. H. Jungjohann. 119,784; Apr. 2.
Stopper and top, Combined bottle. T. Higgins. 120,106; Apr. 23.
Stopper, Bottle. G. Grunberg. 122,941–2; Oct. 8.
Stopper, Bottle. M. L. Urann. 124,085; Dec. 17.
Store front. K. E. Bemis. 122,430; Sept. 10.
Stove. W. R. Chamberlain. 121,865; Aug. 13.
Stove. W. R. Chamberlain. 124,302; Dec. 31.
Stove. E. A. Chindlund. 119,062; Feb. 20.
Stove. C. Ehret. 124,062–3; Dec. 17.
Stove. J. C. Rogers. 122,002–3; Aug. 20.
Stove. J. C. Rogers. 122,032; Aug. 20.
Stove. R. G. Rutledge. 123,327; Oct. 29.
Stove. B. W. Tullis. 120,152; Apr. 23.
Stove. R. H. White, R. H. Hodgson, B. Jones, Jr., and L. White. 122,151; Aug. 27.
Stove, Camp. R. C. Sabins and A. Nelson. 123,421; Nov. 5.
Stove, Combination coal and wood. L. Thompson. 122,702; Sept. 24.
Stove, Cook. A. G. Sherman. 123,437; Nov. 5.
Stove, Cook. B. W. Tullis. 118,731; Jan. 30.
Stove, Cooking. J. A. Dahlstrom. 121,384; July 9.
Stove, Cooking. B. B. Kahn. 122,686; Sept. 24.
Stove, Oil cook. W. E. Huenefeld. 118,821; Feb. 6.
Strainer. M. J. Zimmer. 123,142; Oct. 15.
Stretcher, Curtain. W. W. Block. 123,199; Oct. 22.
Stretcher for doilies, scarfs, sweaters or like articles. E. A. Bartsch. 121,667; July 30.
Strip, Metallic sealing. E. R. Rehfeld. 119,661; Mar. 26.
Stroller. W. C. Troendle. 121,800; Aug. 6.
Strut or the like, Propeller shaft. J. Casey. 121,623; July 23.
Suit. A. Alper. 119,339; Mar. 5.
Suit. S. Lo Prete. 124,180; Dec. 24.
Suit. S. Siegel. 119,944; Apr. 16.
Suit. S. Siegel. 119,984; Apr. 16.
Suit. S. Zimmerman. 118,525–6; Jan. 9.
Suit. S. Zimmerman. 118,546; Jan. 9.
Suit. S. Zimmerman. 119,031; Feb. 13.
Suit. S. Zimmerman. 122,758; Sept. 24.
Suit. H. Zuckerman. 119,233; Feb. 27.
Suit. H. Zuckerman. 119,368; Mar. 5.
Suit, Bathing. C. J. L. Anderson. 124,162; Dec. 17.
Suit ensemble. A. Gruber. 121,749; July 30.
Suit ensemble. S. Zimmerman. 118,527; Jan. 9.
Suit or similar article, Bathing. B. J. Hoffman, Jr. 120,810; May 28.
Suit, Ski. McC. Barclay. 122,620; Sept. 17.
Suit, Ski. A. A. Lordi. 119,553; Mar. 19.
Suit, Woman's slack. M. Rubin. 120,319; Apr. 30.
Suitcase. M. Gralnick. 121,436; July 9.
Sun dial and bird bath or other receptacle, Combined. W. G. Landon. 121,686; July 30.
Sun dial and bird bath or similar receptacle, Combined. W. G. Landon. 123,111; Oct. 15.
Sunglasses. R. Ehrlich. 124,270–2; Dec. 24.
Sunglasses. J. Galter. 120,885; June 4.
Sunglasses. M. Rochas. 119,073; Feb. 20.
Sunglasses or similar article. A. M. Bressler. 121,563; July 23.
Sunglasses or the like, Pair of. A. Diodati. 122,080; Aug. 20.
Sunglasses, Pair of. A. Girouard. 119,880–2; Apr. 9.
Support and container for perfume, Combined. H. Jacob. 124,075; Dec. 17.
Support and cover for an electric razor, Combined wall. W. H. Remy. 123,488; Nov. 12.
Support and snuffer for cigarettes, Combination. I. Kornbluh. 122,895; Oct. 8.

Support for a container or similar article, Transparent. F. E. A. W. Bergaud. 121,918; Aug. 13.
Support for a domestic range, Utensil. J. F. Hennessy. 119,039; Feb. 20.
Support for a drink mixer. S. J. Poplawski. 120,138; Apr. 23.
Support for a French-type telephone. M. J. Conlon, Jr. 121,715; July 30.
Support for an inductively excited gaseous conductor tube. L. L. Beck and W. R. Price. 118,408; Jan. 2.
Support for culinary appliances. C. F. Smith. 118,393; Jan. 2.
Support for displaying photographs, cards and similar articles. M. J. Zimmer. 118,689; Jan. 23.
Support for ophthalmic lenses and spectacle mountings or similar articles. E. Reynolds. 118,713; Jan. 30.
Support for spectacle frames and ophthalmic mountings or similar articles. E. Reynolds. 118,712; Jan. 30.
Support, Fragile article. E. L. Shepard. 124,414; Dec. 31.
Support, Inkwell base. A. S. Brand. 122,888–9; Oct. 8.
Support, Knife and shears desk set. R. F. McCrillis. 121,690–1; July 30.
Support or the like, Desk calendar. J. G. Lippincott. 121,284; July 2.
Support or the like, Dish. W. T. Wade. 123,708; Nov. 26.
Support, Rural mail box. O. W. Isle. 122,119; Aug. 27.
Supporter, Hose. A. Illsche. 122,022; Aug. 20.
Surfacing machine. R. F. Kneisley. 122,958; Oct. 8.
Surfacing machine. R. F. Kneisley. 122,970; Oct. 8.
Surgical adjuster and dilator, Combined. O. R. Evans. 122,635; Sept. 17.
Surgical illuminating unit or similar article. J. A. Korengold. 122,723; Sept. 24.
Suspender. J. E. Friedman. 123,108; Oct. 15.
Suspenders. K. Sedlacek. 123,897; Dec. 10.
Suspenders and leggings, Combined. H. M. Seeley. 120,414; May 7.
Sweater. L Goldsmith. 118,957–8; Feb. 13.
Sweater. M. J. Kasper. 121,233; June 25.
Sweater. R. Raab. 121,617; July 23.
Sweater. M. Rogers. 119,907; Apr. 9.
Sweater or similar article. H. Boepple. 120,416; May 7.
Sweater or similar article of wearing apparel. L. Whittingham. 120,696; May 21.
Sweeper, Carpet. H. W. Gussack. 123,292; Oct. 29.
Sweeper, Carpet. F. Williams. 122,477; Sept. 10.
Sweeper end plate, Carpet. F. Williams. 122,476; Sept. 10.
Sweeper shell, Carpet. F. Williams. 122,478; Sept. 10.
Swim fin. O. P. Churchill. 124,013; Dec. 17.
Swing, Juvenile. W. I. Smith. 123,491; Nov. 12.
Switch, Electric safety. A. C. Heisinger. 123,716; Nov. 26.
Switch, Pendant electric. G. J. Meuer. 121,962; Aug. 13.
Switch plate. E. Bendorf. 119,371; Mar. 12.
Switch plate, Wall. E. A. Seward. 121,703; July 30.
Switch, Pull. O. Mankki. 124,298; Dec. 24.
Switch, Push button. L. V. A. Guild. 122,293; Sept. 3.
Switch, Push button L. V. A. Guild. 122,954; Oct. 8.
Switchboard, Communication. L. J. Andres. 122,935; Oct. 8.
Switchboard, Telephone. F. S. Grover. 122,796; Oct. 1.
Switching device. H. McDowell. 122,445; Sept. 10.
Syphon or the like. L. T. Ward. 122,785; Oct. 1.
Syringe bag. M. M. Smith. 119,601; Mar. 26.
Tab for slide fasteners, Pull. L. H. Morin. 123,188; Oct. 22.
Table. E. L. Miraglia. 122,171; Aug. 27.
Table. E. G. Rudman and F. G. Ranney. 119,462; Mar. 12.
Table. R. W. West. 118,463; Jan. 9.
Table and food service counter, Combination steam. S. H. Knight. 121,719; July 30.
Table and seat unit. A. L. Henkel and B. M. Ewing. 121,244; June 25.
Table, Billiard. P. C. Perrin. 120,354; May 7.
Table center piece. C. Aguas. 121,939; Aug. 13.
Tablecloth, Lace. W. C. Miller. 119,935–6; Apr. 16.
Tablecloth, Lace. F. P. Otto. 119,937–9; Apr. 16.
Tablecloth, Lace. J. Waterfield. 119,948–52; Apr. 16.
Tablecloth, Lace. J. Waterfield. 119,970–4; Apr. 16.
Table cloth or similar article. J. S. Madsen. 119,728; Mar. 26.
Table cloth or similar article. J. S. Madsen. 119,730–1; Mar. 26.
Tablecloth or similar article. J. S. Madsen. 120,284–5; Apr. 30.
Table cloth or similar article. V. W. Marghab. 121,531; July 16.
Tablecloth or similar article. V. W. Marghab. 122,488; Sept. 10.
Tablecloth or similar article. V. W. Marghab. 122,492; Sept. 10.
Tablecloth or similar article. F. Tausend. 120,188–91; Apr. 23.
Table, Combined bacon slicing and wrapping. E. A. Schiewe. 119,218; Feb. 27.
Table, Ironing. R. J. Parker. 124,329; Dec. 31.
Table, Optician's fitting. V. W. Doty. 123,751; Dec. 3.
Table or similar article. A. Bach. 121,062; June 18.
Table or similar article. P. P. Cret. 119,609; Mar. 26.
Table, or similar article, Game. V. R. Trabucco. 123,515; Nov. 12.
Table or the like, Play. J. Pressman. 120,139; Apr. 23.
Table, Physiotherapy. B. H. Stauffer. 123,370; Oct. 29.
Table, Play. H. Zimmerman. 120,535; May 14.
Table, Pool. C. A. Wendt. 122,580; Sept. 17.
Table, Radio. R. Dardess. 122,480; Sept. 10.
Table top or similar article. G. L. Fisher. 122,286; Sept. 3.
Table, Umbrella. W. D. Connor, Jr. 122,789; Oct. 1.
Tag, Identification. W. R. Knight. 120,011; Apr. 16.
Tag marking machine, Price. T. G. Turner. 123,939; Dec. 10.
Tank, Elevated. G. T. Horton. 121,202–5; June 25.
Tank, Elevated. G. T. Horton. 122,600; Sept. 17.
Tank, Hot water. R. C. Ingersoll. 121,677; July 30.
Tank or similar article, Battery. J. R. Morgan. 120,395; May 7.
Tank, Photographic. C. Karstadt. 119,785; Apr. 2.
Tank, Truck. R. B. Ziegler. 121,627; July 23.
Target or similar article. L. L. Campbell, Jr. 119,176; Feb. 27.
Tea cozy or similar article. V. W. Marghab. 121,532; July 16.
Tea cozy or similar article. V. W. Marghab. 121,534; July 16.
Tea cozy or similar article. V. W. Marghab. 121,549–50; July 16.
Telegraph machine, Facsimile. W. J. Ramhorst. 121,599; July 23.
Telegraph machine, Facsimile. W. J. Ramhorst and G. H. Ridings. 121,544; July 16.
Telescope. J. R. Miles. 123,486; Nov. 12.
Temple and end piece, Combination. T. E. Bosworth. 121,242; June 25.
Temple member for spectacles or similar articles. E. Reynolds. 122,671; Sept. 24.
Testing apparatus, Distillation. A. I. Newman. 121,017; June 11.
Textile fabric. J. Alexander. 119,777; Apr. 2.
Textile fabric. R. F. Allgor. 124,281; Dec. 24.
Textile fabric. J. F. Berlinger. 119,778; Apr. 2.
Textile fabric. S. R. Brodie. 124,289; Dec. 24.
Textile fabric. F. A. Brooks. 124,282; Dec. 24.
Textile fabric. M. Christen. 119,702; Mar. 26.
Textile fabric. I. Cummings. 120,954; June 4.
Textile fabric. C. E. Forstmann. 119,803; Apr. 2.
Textile fabric. R. S. Gentile. 119,704–7; Mar. 26.
Textile fabric. R. S. Gentile. 120,956–7; June 4.
Textile fabric. R. S. Gentile. 121,540; July 16.
Textile fabric. A. Golding. 124,297; Dec. 24.
Textile fabric. M. L. Guhl. 120,958; June 4.
Textile fabric. S. B. Hyman. 124,220; Dec. 24.
Textile fabric. S. Kornfeld. 119,673; Mar. 26.
Textile fabric. J. W. Lindsay. 120,964; June 4.
Textile fabric. A. L. Oltarsh. 124,237; Dec. 24.
Textile fabric. A. L. Oltarsh. 124,284; Dec. 24.
Textile fabric. H. Rubin. 119,679; Mar. 26.
Textile fabric. S. S. Shapiro. 119,681; Mar. 26.
Textile fabric. M. E. Singerman. 124,286; Dec. 24.
Textile fabric. M. Sokoloff. 124,278; Dec. 24.
Textile fabric, Knitted. M. E. Hadad. 119,722; Mar. 26.
Textile fabric or similar article. R. Finkelstein. 120,955; June 4.
Textile fabric or similar article. J. S. Madsen. 119,727; Mar. 26.
Textile fabric or similar article. J. S. Madsen. 119,729; Mar. 26.
Textile fabric or similar article. J. S. Madsen. 119,732; Mar. 26.
Textile fabric or similar article. S. Silverman. 124,285; Dec. 24.
Textile fabric or similar article. S. Silverman. 124,299; Dec. 24.
Textile fabric or similar article. A. Zavell. 124,287–8; Dec. 24.
Textile fabric or similar article, Embroidered. W. F. Breuss. 124,243; Dec. 24.
Textile fabric or similar article, Embroidered. E. W. Freudenberg. 119,698; Mar. 26.
Theatre front. V. A. Rigaumont. 120,788; May 28.
Thermohydrometer base. R. B. Lacey. 121,925; Aug. 13.
Thermohydrometer or similar article. J. T. Webber. 119,293; Mar. 5.
Thermometer. G. E. Ford. 120,638; May 21.
Thermometer. M. E. Trollen. 123,068; Oct. 15.
Thermometer. E. S. Whittier. 123,117; Oct. 15.
Thermometer. H. R. Whittier. 119,512; Mar. 19.
Thermometer, Automobile. J. Fischer. 123,593; Nov. 19.
Thermometer casing or similar article. G. E. Ford. 119,748; Apr. 2.
Thermometer, Desk. R. C. Wappner. 121,501; July 16.
Thermometer support or similar article. M. Blodgett. 120,102; Apr. 23.
Thermostat. R. M. Schultz. 119,644; Mar. 26.
Thermostat casing or similar article. C. Karstadt. 120,123; Apr. 23.
Thumb stall. L. J. Guay. 118,372; Jan. 2.
Tie clasp and pencil, Combined. D. Turet and B. Roberts. 122,132; Aug. 27.
Tile. L. Guild. 121,836; Aug. 6.
Tile unit. C. A. Slechta. 119,442; Mar. 12.

Timer, Sandglass. J. M. Weiss. 122,475; Sept. 10.
Tire. J. E. Allen. 122,250; Sept. 3.
Tire. G. W. Anderson. 121,176; June 25.
Tire. G. W. Anderson. 121,886; Aug. 13.
Tire. G. W. Anderson. 123,255; Oct. 29.
Tire. G. W. Anderson. 123,827; Dec. 3.
Tire. H. W. Delzell. 122,391; Sept. 10.
Tire. P. E. Hawkinson. 122,570; Sept. 17.
Tire. R. S. Lee. 119,169–71; Feb. 27.
Tire. R. S. Lee. 119,184–5; Feb. 27.
Tire. R. S. Lee. 119,390; Mar. 12.
Tire. R. S. Lee. 122,572; Sept. 17.
Tire. J. G. Rideout. 123,895; Dec. 10.
Tire. J. G. Rideout. 124,203–4; Dec. 24.
Tire. D. K. Sloteman. 122,035; Aug. 20.
Tire groover. W. Mossback and J. A. Menard. 124,325–6; Dec. 31.
Tire, Pneumatic. J. E. Cady. 119,155; Feb. 27.
Tire, Pneumatic. J. E. Cady, D. A. Macdonald, and R. G. Null. 119,156; Feb. 27.
Tire, Pneumatic. E. S. Ewart. 123,530; Nov. 12.
Tire, Pneumatic. L. G. Moonan. 120,687; May 21.
Titration apparatus illuminator. A. I. Newman. 122,876; Oct. 1.
Toaster. T. Christenson, Jr., and W. W. Hoople. 124,059; Dec. 17.
Toaster. J. O. Reinecke and J. F. Barnes. 118,453; Jan. 9.
Toaster. J. O. Reinecke and J. F. Barnes. 118,511; Jan. 9.
Toaster, Bread. E. S. Preston. 121,169; June 25.
Toaster, Bun. G. G. Garvis. 123,569; Nov. 19.
Toaster, Electric. L. H. Haase. 123,941; Dec. 10.
Toaster or similar article, Sandwich. C. E. Waltman. 122,473; Sept. 10.
Toaster, Sandwich. T. Christenson, Jr., and W. W. Hoople. 124,305; Dec. 31.
Toilet bowl, Paper holder equipped. D. Vigo. 124,215; Dec. 24.
Toilet make-up protector. E. Small. 119,464; Mar. 12.
Tombstone. M. Figatner. 118,554; Jan. 16.
Tombstone. L. Maldera. 123,649; Nov. 19.
Tool, Clamp applying. H. Mahn. 123,270; Oct. 29.
Tool, Combination. G. H. Gaede. 124,023; Dec. 17.
Tool, Combination. F. Semski. 121,308; July 2.
Tool, Combination automobile body and fender. A. L. De Cesare. 123,184; Oct. 22.
Tool, Combination kitchen. A. Deerf. 120,613; May 21.
Tool for removing corn from the cob. D. Parsons. 122,413; Sept. 10.
Tool for tires or the like, Combination buffing and scraping. S. E. Parker. 120,678; May 21.
Tool head, Garden. A. N. Naciopoulos. 119,044; Feb. 20.
Tool head, Lather's. C. F. Griffith. 118,700; Jan. 30.
Tool, Hub. J. A. Harvey. 120,974; June 11.
Tool or similar article, Photographer's film magazine loading. H. G. King. 118,376; Jan. 2.
Tool, Paring and coring. J. A. Murdock. 119,867; Apr. 9.
Tool post for lathes. B. Long. 122,274; Sept. 3
Tool unit, Motorized hand. L. J. Misuraca. 118,724; Jan. 30.
Tool unit, Portable power driven. G. D. Behlen. 124,057; Dec. 17.
Tool unit, Portable power driven hand. F. P. Forss. 118,854; Feb. 6.
Tool unit, Portable power driven hand. G. B. Larson. 118,980; Feb. 13.
Tooth, Artificial. J. B. La Due and J. A. Saffir. 119,626–31; Mar. 26.
Toothbrush. J. M. Davis. 121,506; July 16.
Tooth brush. H. P. Duey. 122,135; Aug. 27.
Tooth brush. H. P. Duey. 123,388; Nov. 5.
Toothbrush. C. G. Kerr. 120,382; May 7.
Toothbrush. E. G. Norton. 122,500; Sept. 10.
Toothbrush. C. A. Williams. 123,254; Oct. 22.
Toothbrush and dental mirror, Combination. M. Cohen. 122,388; Sept. 10.
Toothbrush and tongue cleaner, Combined. J. J. Crosby. 122,815; Oct. 1.
Toothbrush extension, Rotary. W. T. Brennan and W. P. Kennedy. 122,382; Sept. 10.
Toothbrush or the like. C. D. Mastrud. 121,519; July 16.
Top, back splasher and accessory units for ranges, Combined. A. Barnsteiner. 122,814; Oct. 1.
Top unit for back bars or the like. C. W. Shangle. 122,418–21; Sept. 10.
Towel or similar article. V. W. Marghab. 121,978; Aug. 13.
Towel or similar article. V. W. Marghab. 122,494; Sept. 10.
Towel or similar article. V. W. Marghab. 123,152; Oct. 15.
Towel or similar article, Dish. R. Ruth. 119,767–73; Apr. 2.
Tower for wind charging units, Supporting. J. R. Albers. 121,663; July 30.
Toy. A. Bollak. 120,479; May 14.
Toy. F. De'Giovanni. 119,611; Mar. 26.
Toy. A. Ferrer. 119,036; Feb. 20.
Toy. E. Johnson. 121,923; Aug. 13.
Toy. G. O'Neal. 119,597; Mar. 26.
Toy. J. Pavlicek. 119,049; Feb. 20.
Toy. C. S. Payne, Jr. 121,495–8; July 16.
Toy, Aerial. J. Kerezi. 121,924; Aug. 13.
Toy airplane. L. Thro. 118,953; Feb. 13.
Toy animal. A. W. Lowin. 120,645; May 21.
Toy animal. I. Sokoloff. 123,685; Nov. 26.
Toy armored car. A. E. Erlinder. 122,481; Sept. 10.
Toy automobile or similar article. S. V. W. Hiller, Jr. 122,571; Sept. 17.
Toy bank. C. A. Ambrose. 118,809; Feb. 6.
Toy barrow. W. Longstreet. 123,269; Oct. 29.
Toy bed. H. S. Stevens. 121,003; June 11.
Toy boat, Inflatable. H. N. Mooney. 120,675; May 21.
Toy, Combined duck and rabbit. H. A. Elder. 120,339; May 7.
Toy dog. R. Turner. 123,641; Nov. 19.
Toy figure. M. W. Cox. 122,659; Sept. 24.
Toy figure. J. E. Frick. 119,037; Feb. 20.
Toy figure. E. S. Savage. 120,653–4; May 21.
Toy glider-gun. T. R. Smith. 119,968; Apr. 16.
Toy golf game device. D. McDonald. 122,573; Sept. 17.
Toy lighthouse combination. S. O. Talmadge. 121,309; July 2.
Toy or similar article. A. F. Herlihy. 122,396–406; Sept. 10.
Toy or similar article. A. W. Lindwall. 123,112; Oct. 15.
Toy or similar article, Mechanical figure. I. E. Nordstrom. 124,224; Dec. 24.
Toy piano. R. J. Lohr. 123,435; Nov. 5.
Toy, Pinwheel. I. E. Cohn. 121,366; July 9.
Toy rotary unit. F. K. Formis. 119,585; Mar. 26.
Toy sandbox. E. G. McCandlish. 120,739; May 28.
Toy, Swinging target. A. Schillace and W. J. Daily. 120,490; May 14.
Toy train, Wooden. K. Bojesen. 118,364; Jan. 2.
Toy vacuum cleaner. F. E. Kinsella. 123,295; Oct. 29.
Toy vessel. M. E. Hollman. 119,265; Mar. 5.
Tracer, Contour. W. P. Hoverder. 119,388; Mar. 12.
Tractor. D. B. Baker, W. C. Rosenthal, and T. H. Koeber. 119,824; Apr. 2.
Tractor and snow remover, Combined. W. E. Klauer. 123,959; Dec. 10.
Trailer hitch. J. L. Gilmore. 120,263; Apr. 30.
Trailer, Toy. S. H. Levering. 123,810; Dec. 3.
Train, Railway. O. E. Hyde. 123,225; Oct. 22.
Transformer. E. J. Zelt. 123,931; Dec. 10.
Transparency viewer. J. W. Gillon. 118,698; Jan. 30.
Trap or the like, Insect. C. Nicolini. 118,743; Jan. 30.
Tray. J. O. Reinecke and J. F. Barnes. 118,510; Jan. 9.
Tray and cigarette rest, Combined ash. E. F. McDonald. 122,317; Sept. 3.
Tray and cigarette rest, Combined ash. B. W. Morse. 122,905; Oct. 8.
Tray and cigarette snuffer, Combined ash. B. Thal. 123,927–30; Dec. 10.
Tray and containers for hair and scalp treatment or the like, Combined service. R. M. Brooks. 123,047; Oct. 15.
Tray and support therefor, Combined wall ash. R. S. Sanford. 124,410; Dec. 31.
Tray, Ash. H. Davies. 120,256; Apr. 30.
Tray, Ash. S. K. Frank. 122,585; Sept. 17.
Tray, Ash. A. L. Henkel and B. M. Ewing. 121,275; July 2.
Tray, Ash. G. J. Horther. 120,914; June 4.
Tray, Ash. P. S. Kushiner. 120,992; June 11.
Tray, Ash. E. Schultz. 124,411; Dec. 31.
Tray, Ash. J. S. Sherman. 120,276; Apr. 30.
Tray, Ash. J. S. Sherman. 121,938; Aug. 13.
Tray, Ash. M. E. Trollen. 121,937; Aug. 13.
Tray, Ash. J. N. Wright, Jr. 123,318; Oct. 29.
Tray, Atomizer. F. A. Vuillemenot. 118,655; Jan. 23.
Tray, Bird-feeding. C. S. Howard. 119,499; Mar. 19.
Tray, Display. D. B. Chambers. 124,012; Dec. 17.
Tray, Display. F. P. Muhlhauser. 122,781; Oct. 1.
Trap, Fly. R. E. Bruns. 123,497; Nov. 12.
Tray, Food. E. K. Bastress. 122,589; Sept. 17.
Tray for fragile articles, Shipping. E. L. Shepard. 124,413; Dec. 31.
Tray for smokers' articles, dishes, coasters or the like. H. E. Frederick. 122,774; Oct. 1.
Tray, Ice. C. R. Carney. 120,480; May 14.
Tray or other article of hollow-ware. J. G. Theobald. 119,407; Mar. 12.
Tray or other article of hollow-ware. J. G. Theobald. 120,900; June 4.
Tray or similar article. L. Guild. 119,855; Apr. 9.
Tray or similar article, Ash. H. G. Dyke. 120,168; Apr. 23.
Tray or similar article, Cigarette. P. E. Flato. 122,923; Oct. 8.
Tray or the like, Bar. J. G. Lippincott. 122,168; Aug. 27.
Tray or the like, Serving. Y. C. Le Guillou. 121,516; July 16.
Tray, Serving. S. Cantor. 120,212; Apr. 30.
Tray, Serving. C. B. Loveland. 118,377; Jan. 2.
Tray, Toilet. J. R. Caldwell. 123,902; Dec. 10.
Tree, Artificial miniature Christmas. P. Kranz and A. P. Schmid. 124,036; Dec. 17.
Trellis. S. P. Farrington and J. B. Trevor. 122,114; Aug. 27.
Trimming, Embroidered. E. A. Pulver. 120,818–20; May 28.

Trimming, Embroidered. H. Tobler and O. Hallbauer. 118,459–60; Jan. 9.
Trimming, Embroidered. H. Tobler and O. Hallbauer. 118,486–7; Jan. 9.
Trimming or similar article, Pleated leather. V. Pallotta. 120,715; May 21.
Trophy base. W. B. Petzold. 118,388; Jan. 2.
Trough or similar article, Flower. E. Reens. 123,786; Dec. 3.
Truck body, Light delivery. W. H. Edwards. 120,666; May 21.
Truck, Curb service battery. L. A. Doughty. 120,393; May 7.
Truck, Refuse. R. D. Woodcock. 123,966; Dec. 10.
Trumpet or similar article. A. J. Johnson. 119,755; Apr. 2.
Tub, Bath. L. H. Goeltz. 122,594; Sept. 17.
Tub or similar article, Washing machine. R. M. Chesney. 123,666; Nov. 26.
Tube for oil burners or the like, Air. R. W. Beckett. 120,478; May 14.
Tube for receiving a sausage or the like, Bread. M. A. Brin. 118,614; Jan. 23.
Tube or similar article, Dispensing. R. F. Peo and E. P. Riner. 123,312; Oct. 29.
Tube squeezer and brush holder, Combined dental. J. Durin. 122,263; Sept. 3.
Tumbler. H. L. Lissfelt. 118,825; Feb. 6.
Tumbler. W. P. Morrison. 120,134–5; Apr. 23.
Tumbler. C. Sawyer. 118,650–4; Jan. 23.
Tumbler. J. E. Spence. 121,602; July 23.
Tumbler and toothbrush holder, Combination. R. S. Sanford. 124,205–6; Dec. 24.
Tumbler, Jelly. W. J. Lundy. 119,393; Mar. 12.
Tumbler, Jelly. W. J. Lundy. 119,862–3; Apr. 9.
Tumbler, Jelly. W. J. Lundy. 121,573; July 23.
Tumbler, Jelly. W. J. Lundy. 124,317; Dec. 31.
Tumbler or article of similar nature, Glass. A. J. Dreitzer. 122,393; Sept. 10.
Tumbler or article of similar nature, Glass. A. J. Dreitzer. 123,858; Dec. 10.
Tumbler or article of similar nature, Glass. A. H. Nicholson. 122,691; Sept. 24.
Tumbler or similar article. J. A. Hutchinson. 119,754; Apr. 2.
Tumbler or similar article. R. A. May. 119,278; Mar. 5.
Tumbler or similar article. R. A. May. 119,280; Mar. 5.
Tumbler or the like. T. R. di Montelera. 119,257; Mar. 5.
Tumbler or the like. W. Lundy. 118,963; Feb. 13.
Tumbler or the like. W. J. Lundy. 120,226; Apr. 30.
Type font, Printing. I. Reiner. 120,356; May 7.
Ukulele or similar string instrument. J. Y. G. Lai. 123,698; Nov. 26.
Undergarment, Lady's. H. A. Laufer. 118,807; Jan. 30.
Uniform. A. M. Berger. 119,236–7; Feb. 27.
Uniform. A. M. Berger. 119,901; Apr. 9.
Uniform. A. M. Berger. 119,911; Apr. 9.
Uniform. A. M. Berger. 122,952; Oct. 8.
Uniform. M. E. Donahue. 122,974; Oct. 8.
Uniform. D. Lull. 119,225; Feb. 27.
Unit for an astrological and mystic robot. J. P. Wilson. 122,830; Oct. 1.
Utensil for eggs, hamburger, pancakes, sandwiches or the like, Cooking. T. Weststrang. 119,081; Feb. 20.
Utility bar. W. C. Huxel. 122,435; Sept. 10.
Vacuum cleaner. D. M. Dow, F. H. Burmeister, and C. A. Lindberg. 123,669–70; Nov. 26.
Vacuum cleaner. D. M. Dow, F. H. Burmeister, and C. A. Lindberg. 123,673; Nov. 26.
Vacuum cleaner base. D. M. Dow, F. H. Burmeister, and C. A. Lindberg. 123,691; Nov. 26.
Vacuum cleaner, Commercial. J. J. Colling. 123,290; Oct. 29.
Vacuum cleaner support and hose carrier, Combined. D. M. Dow, F. H. Burmeister, and C. A. Lindberg. 123,671–2; Nov. 26.
Valve. H. H. Lamar. 121,615; July 23.
Valve. N. Marcus. 121,793; Aug. 6.
Valve body. G. Ernst. 121,785; Aug. 6.
Valve unit, Power operated. E. J. Svenson. 120,821; May 28.
Vanity and cigarette case, Combination. T. Adams. 122,811; Oct. 1.
Vanity case. R. W. Mason. 124,318–19; Dec. 31.
Vanity case. F. McIntosh. 124,321; Dec. 31.
Vanity case or similar article. F. Spitalny. 122,828; Oct. 1.
Vaporizer. F. E. Owen. 120,871; June 4.
Vaporizer, Electric. J. Robinson. 119,010; Feb. 13.
Vaporized, Electric. J. Robinson. 120,531; May 14.
Vaporizer, Electric. J. Robinson. 122,276; Sept. 3.
Vase. E. W. Fuerst. 119,615–21; Mar. 26.
Vase. E. W. Fuerst. 119,703; Mar. 26.
Vase. E. W. Fuerst. 121,895–6; Aug. 13.
Vase. C. Sawyer. 119,642–3; Mar. 26.
Vase and candlestick, Combined. R. A. May. 120,647; May 21.
Vase, Illuminated table. G. E. Bolton. 119,201; Feb. 27.
Vase or similar article. S. Annenberg. 121,555; July 16.
Vase or similar article. E. C. Berbus. 118,362; Jan. 2.
Vase or similar article. F. L. Betz. 118,363; Jan. 2.
Vase or similar article. C. W. Carlson. 122,765; Oct. 1.
Vase or similar article. T. Mehrer. 118,382–4; Jan. 2.
Vase or similar article. C. Romanelli. 121,902; Aug. 13.
Vase or similar article. C. Romanelli. 122,449; Sept. 10.
Vase or similar article. C. Romanelli. 124,187; Dec. 24.
Vase or similar article, Boutonniere. E. P. Smith. 123,094; Oct. 15.
Vase or similar article, Cemetery. R. M. Koch. 123,110; Oct. 15.
Vault, Burial. R. F. Donahey. 121,137; June 18.
Vehicle. C. D. Gill. 123,321; Oct. 29.
Vehicle. L. Keller. 119,001–2; Feb. 13.
Vehicle. C. D. Thomas. 123,514; Nov. 12.
Vehicle, Automotive. H. Z. Cutler. 121,185; June 25.
Vehicle, Child's. B. J. Anderson. 123,238; Oct. 22.
Vehicle, Rail. O. E. Hyde. 123,224; Oct. 22.
Vehicle or similar article. T. C. Poulter. 119,827; Apr. 2.
Veiling. S. H. Aibel. 121,940–1; Aug. 13.
Velocipede frame. B. J. Anderson. 123,377; Nov. 5.
Velocipede front fork. J. G. Rideout. 118,837; Feb. 6.
Vending machine. H. S. Benjamin. 121,181; June 25.
Vending machine. E. H. Sargent and A. G. Alex. 122,672; Sept. 24.
Vending machine. R. Wright. 121,005; June 11.
Vending machine, Food. R. G. F. Loewy. 119,818; Apr. 2.
Ventilator, Casement window. J. G. Bancroft. 121,556; July 23.
Ventilator, Kitchen. B. Sonntag. 118,421; Jan. 2.
Ventilator or the like, Window. J. Schwartz. 122,696; Sept. 24.
Ventilator, Ridge. E. R. Gunter. 121,410; July 9.
Ventilator, Roof. F. H. Leslie. 124,294; Dec. 24.
Ventilator, Window. E. F. Mueller. 118,864; Feb. 6.
Vibrator. J. F. Meyer. 119,554; Mar. 19.
Vibrator. N. A. Nelson. 118,829; Feb. 6.
Vibrator or the like, Concrete. A. W. Mall. 121,248; June 25.
Waffle baker. J. O. Reinecke and J. F. Barnes. 119,282; Mar. 5.
Waffle baker. J. O. Reinecke and J. F. Barnes. 119,398; Mar. 12.
Waffle iron. T. Christenson, Jr., and W. W. Hoople. 123,566; Nov. 19.
Waffle iron or similar article, Twin. C. E. Waltman. 122,474; Sept. 10.
Waist, Jersey. L. Whittingham. 120,697; May 21.
Walker and carriage, Combined collapsible, baby. M. Sacheroff. 119,641; Mar. 26.
Walker and stroller or similar article, Combination child's. L. Peltier. 120,571; May 14.
Walker and stroller or similar article, Combination child's. L. Peltier. 120,787; May 28.
Walker or similar article, Baby's. L. Peltier. 120,569–70; May 14.
Wall bracket, Supporting. W. H. Swartz. 121,526; July 16.
Wall paper. H. H. Allman. 123,332; Oct. 29.
Wallpaper. L. Chasset. 120,661; May 21.
Wall paper. E. Ericson. 124,021; Dec. 17.
Wall paper. E. Ericson. 124,064; Dec. 17.
Wallpaper. E. Ericson. 124,231; Dec. 24.
Wall paper. H. Fasold. 124,066–72; Dec. 17.
Wall paper. J. Francek. 123,336; Oct. 29.
Wall paper. C. O. Hesse. 123,337; Oct. 29.
Wall paper. C. O. Hesse. 123,451–2; Nov. 5.
Wall paper. C. C. Hesse. 123,549–51; Nov. 12.
Wall paper. C. O. Hesse. 124,026–7; Dec. 17.
Wall paper. W. Lanz. 122,875; Oct. 1.
Wall paper. C. J. Lindenthaler. 123,339; Oct. 29.
Wall paper. W. Ritchie, Jr. 123,343; Oct. 29.
Wall paper. W. Ritchie, Jr. 123,489; Nov. 12.
Wall paper. R. Schuessler. 123,346–7; Oct. 29.
Wall paper. R. Schuessler. 123,554–7; Nov. 12.
Wall paper. R. Schuessler. 124,047; Dec. 17.
Wall paper. R. Schuessler. 124,080–1; Dec. 17.
Wallpaper. R. Schuessler. 124,241; Dec. 24.
Wall paper. R. A. Woessner. 123,561–2; Nov. 12.
Wall paper. R. A. Woessner. 124,087–8; Dec. 17.
Wallpaper or similar article. J. W. Orian. 124,238; Dec. 24.
Wall paper or the like. F. E. Leitch. 119,676; Mar. 26.
Wall paper or the like. F. E. Leitch. 120,283; Apr. 30.
Wallet and cosmetic container, Combination. R. Bach. 118,491; Jan. 9.
Warmer, Head. E. C. and E. M. Hemphill. 121,232; June 25.
Warmer or similar article, Food. C. G. Towne. 118,841; Feb. 6.
Warming and drying apparatus, Combined. E. J. Sweetland. 118,730; Jan. 30.
Washboard. S. Bloom. 122,834; Oct. 1.
Washer, Bottle. J. L. Herold. 119,622; Mar. 26.
Washer, Portable glass. E. Nielsen, E. R. Mross, and V. W. Cunningham. 119,849; Apr. 9.
Washing device. J. B. McDonnell and R. B. Reynolds. 118,642; Jan. 23.
Washing machine. H. Dreyfuss. 119,490; Mar. 19.
Washing machine. H. Dreyfuss. 119,543; Mar. 19.
Washing machine. W. F. Oliver. 118,647; Jan. 23.
Washing Machine. E. S. Preston. 123,917; Dec. 10.
Washing machine. L. J. Strauss and R. E. Rousseau. 120,050; Apr. 16.
Washing machine and wringer, Combined. D. Chapman. 119,876; Apr. 9.

Washing machine and wringer, Combined electric. W. J. Russell. 119,440; Mar. 12.
Washing machine support. H. Dreyfuss. 122,261; Sept. 3.
Watch. G. W. Blow. 122,111; Aug. 27.
Watch and bracelet or similar article, Combined. M. Megur. 123,814; Dec. 3.
Watch and bracelet or similar article, Combined. W. M. Welling. 120,368; May 7.
Watch and case therefor, Combination. J. Forrestal. 121,632–3; July 23.
Watch, Bracelet. D. Ornstein. 119,637–8; Mar. 26.
Watch cleaning machine. R. B. Keehnel. 121,390; July 9.
Watch or the like. A. K. Turnheim. 120,657; May 21.
Watch, Pendant. D. Ornstein. 121,914–15; Aug. 13.
Watch, Transparent. D. Ornstein. 121,916; Aug. 13.
Water closet. J. R. Morgan. 122,447; Sept. 10.
Water closet. R. S. Sanford. 123,702; Nov. 26.
Weather vane or similar article. E. McClure. 121,772–3; Aug. 6.
Weight, Wheel balancing. C. W. Mills. 119,321; Mar. 5.
Whatnot, Illuminable. H. W. Beaver. 120,904; June 4.
Wheel balancing machine. F. L. Haasl and C. F. Kiser. 119,181; Feb. 27.
Wheel, Juvenile vehicle. H. L. Kraeft. 118,499; Jan. 9.
Wheel, Steering. E. R. Forbes. 122,793; Oct. 1.
Wheel, Steering. R. W. Parriott. 118,503; Jan. 9.
Wheel, Vehicle. T. A. Davenport. 118,850; Feb. 6.
Windmill. H. N. Edens. 122,433; Sept. 10.
Wire burning set, Electric. E. D. Boisselier. 121,316; July 2.
Wire top for key chains or the like. J. T. Rawlings. 121,700–1; July 30.
Workbench and cabinet or similar article, Combined. G. M. Graham. 118,856; Feb. 6.
Work holding device for holding carburetors, distributors, fuel pumps, and the like. J. I. Brandon. 123,097; Oct. 15.
Wrap, Evening. F. Proto. 122,641; Sept. 17.
Wrapper or similar article. D. B. Schwartzman. 122,523; Sept. 10.
Wrench. A. J. Musselman. 120,489; May 14.
Wrench, Torque measuring. H. W. Zimmerman. 119,193; Feb. 27.
Wringer. H. Dreyfuss. 119,544; Mar. 19.
Wringer. N. L. Etten. 120,238; Apr. 30.
Wringer. J. J. Gough. 119,065; Feb. 20.
Yarn, Two loop boucle. E. Bry. 121,459; July 9.
Yoke for earth working implements. R. G. Le Tourneau. 119,190; Feb. 27.

LIST OF DISCLAIMERS ARRANGED BY INVENTIONS

Absorbefacient for dry-cleaning. Warren T. Reddish. No. 2,024,981; date of patent Dec. 17, 1935; disclaimer filed June 14, 1940; v. 516; p. 277.

Acetate, Process for production of low viscosity cellulose. Carl J. Malm and Arne Andersen. No. 1,908,524; date of patent May 9, 1933; disclaimer filed Apr. 18, 1940; v. 514; p. 282.

Acids of high wetting, dispersing, and emulsifying power and process of producing the same, Substituted sulphonic. Ernest Segessemann. No. 2,054,140; date of patent Sept. 15, 1936; disclaimer filed Oct. 15, 1940; v. 520; p. 1.

Air conditioning apparatus. Milton Kalischer. No. 2,013,756; date of patent Sept. 10, 1935; disclaimer filed Feb. 7, 1940; v. 511; p. 804.

Air conditioning system. David W. McLenegan. No. 2,112,039; date of patent Mar. 22, 1938; disclaimer filed July 27, 1940; v. 518; p. 12.

Alkyl phenols. Hyym E. Buc. No. 2,104,412; date of patent Jan. 4, 1938; disclaimer filed July 13, 1940; v. 517; p. 8.

Animal trap. Herbert A. Stilson. No. 2,100,926; date of patent Nov. 30, 1937; disclaimer filed July 18, 1940; v. 517; p. 8.

Antenna for radio communication. Nils E. Lindenblad. No. 1,927,522; date of patent Sept. 19, 1933; disclaimer filed Sept. 24, 1940; v. 519; p. 795.

Apparatus and process for treating materials. Clarence W. Vogt. No. 2,783,864; date of patent Dec. 2, 1930; disclaimer filed Feb. 20, 1940; v. 512; p. 528.

Benzol, Production of motor. Clifford Banta. No. 2,064,455; date of patent Dec. 15, 1936; disclaimer filed Jan. 4, 1940; v. 510; p. 964.

Bin, Rotatable. Arthur W. Mueller. No. 2,086,508; date of patent July 6, 1937; disclaimer filed May 28, 1940; v. 515; p. 825.

Binder, Loose-leaf. George H. Dawson. No. 2,073,049; date of patent Mar. 9, 1937; disclaimer filed May 24, 1940; v. 515; p. 825.

Box, Kelly stuffing. Herbert C. Otis. No. 2,036,537; date of patent Apr. 7, 1936; disclaimer filed Dec. 30, 1939; v. 510; p. 964.

Braking, Method and apparatus for. Theodore H. Schoepf and David M. Ritchie. No. 2,120,443; date of patent June 14, 1938; disclaimer filed Mar. 21, 1940; v. 513; p. 249.

Building covering unit. William B. Fried. No. 2,135,572; date of patent Nov. 8, 1938; disclaimer filed Mar. 23, 1940; v. 513; p. 500.

Bundle binding and tying machine. George D. Parker. No. 1,875,260; date of patent Aug. 30, 1932; disclaimer filed Dec. 18, 1939; v. 510; p. 546.

Camera. Louis Otto E. Roessel. No. 2,150,106; date of patent Mar. 7, 1939; disclaimer filed Feb. 29, 1940; v. 512; p. 741.

Car, Mine. George E. Jones, Jr., and Perry S. McCallen. No. 1,809,707; date of patent June 9, 1931; disclaimer filed Jan. 2, 1940; v. 510; p. 964.

Car truck. William B. Stout and Evan H. Wright. No. 2,056,219; date of patent Oct. 6, 1936; disclaimer filed Jan. 16, 1940; v. 511; p. 276.

Carburetor. Irven E. Coffey. No. 2,139,355; date of patent Dec. 6, 1938; disclaimer filed Oct. 2, 1940; v. 519; p. 1052.

Carburetor. Scott F. Hunt. No. 2,124,778; date of patent July 26, 1938; disclaimer filed Aug. 1, 1940; v. 517; p. 809.

Cigar lighter. Philip E. Ashton. No. 2,060,783; date of patent Nov. 17, 1936; disclaimer filed Sept. 3, 1940; v. 519; p. 228.

Cigar lighter. Joseph H. Cohen. No. 2,140,311; date of patent Dec. 13, 1938; disclaimer filed Nov. 6, 1940; v. 521; p. 1.

Cigar lighter, Electric. Sidney L. Wolfson. No. 2,093,116; date of patent Sept. 14, 1937; disclaimer filed Sept. 3, 1940; v. 518; p. 780.

Circuit breaker. John G. Jackson. No. 2,107,246; date of patent Feb. 1, 1938; disclaimer filed Dec. 11, 1939; v. 510; p. 6.

Circuit breaker. John G. Jackson and Wallace T. Allen. No. 2,132,623; date of patent Oct. 11, 1938; disclaimer filed Dec. 11, 1939; v. 510; p. 6.

Circuit breaker. Fred G. von Hoorn. No. 2,184,372; date of patent Dec. 26, 1939; disclaimer filed Oct. 19, 1940; v. 520; p. 272.

Circuit, Electric valve translating. Harold W. Lord. No. 2,141,922; date of patent Dec. 27, 1938; disclaimer filed Dec. 20, 1939; v. 510; p. 778.

Circuit for gaseous electric discharge devices, Starting and operating. Maynard A. Babb. No. 2,155,816; date of patent Apr. 25, 1939; disclaimer filed Mar. 30, 1940; v. 513; p. 755.

Circuit for railroads, Track. Forest B. Hitchcock. No. 2,125,240; date of patent July 26, 1938; disclaimer filed May 18, 1940; v. 515; p. 288.

Combustion, Apparatus for producing. George Stanley Meikle. No. 1,977,521; date of patent Oct. 16, 1934; disclaimer filed July 2, 1940; v. 516; p. 1051.

Combustion, Method and apparatus for. Martin Frisch. No. 2,118,600; date of patent May 24, 1938; disclaimer filed Jan. 12, 1940; v. 511; p. 6.

Composition for coating, laminating, and film forming. Allen Abrams, Charley L. Wagner, and George W. Forcey. No. 2,054,115; date of patent Sept. 15, 1936; disclaimer filed Dec. 11, 1939; v. 510; p. 6.

Compressor apparatus. Seymour Brown. No. 2,150,487; date of patent Mar. 14, 1939; disclaimer filed July 26, 1940; v. 517; p. 809.

Connecter device. Monroe Schottenfels. No. 2,040,958; date of patent May 19, 1936; disclaimer filed Aug. 8, 1940; v. 518; p. 12.

Control method and apparatus. Irving M. Stein and Jacob C. Peters, Jr. (Two cases.) No. 2,119,061; date of patent May 31, 1938; disclaimers filed Jan. 22 and July 6, 1940; v. 511; p. 276; and v. 516; p. 1051.

Control system. Francis B. Fillo. No. 2,157,329; date of patent May 9, 1939; disclaimer filed Apr. 26, 1940; v. 514; p. 562.

Control system. Albert H. Locke. (Two cases.) No. 2,044,006; date of patent June 16, 1936; disclaimers filed Feb. 28 and Dec. 5, 1940; v. 512; p. 741; and v. 521; p. 1095.

Core taking device. Marcel Schlumberger. No. 2,055,506; date of patent Sept. 29, 1939; disclaimer filed Dec. 12, 1939; v. 510; p. 261.

Cork, Method of making artificial. Leonard W. Bertelsen, Jr. No. 1,607,047; date of patent Nov. 16, 1926; disclaimer filed Dec. 15, 1939; v. 510; p. 261.

Covering for hot air furnaces, Insulating. Carl Lengyel. No. 2,170,085; date of patent Aug. 22, 1939; disclaimer filed Feb. 12, 1940; v. 511; p. 804.

Curling device. Leonard George Arpin and Andrew J. Bedwell. No. 2,137,828; date of patent Nov. 22, 1938; disclaimer filed Feb. 21, 1940; v. 512; p. 528.

Derivatives of compounds of the suprarenal cortical hormone series and process of making same. Tadeus Reichstein and Emil Schlittler. No. 2,183,589; date of patent Dec. 19, 1939; disclaimer filed July 9, 1940; v. 516; p. 1051.

Detergent and wetting compositions. Wilfred S. Martin. No. 2,156,996; date of patent May 2, 1939; disclaimer filed June 4, 1940; v. 516; p. 1.

Dichloro-alkyl ethers. Howard S. Nutting, Edgar C. Britton, and Donald H. Croope. No. 2,095,612; date of patent Oct. 12, 1937; disclaimer filed Sept. 26, 1940; v. 519; p. 795.

Display device. Fred G. Garner and George A. Auer. No. 2,119,430; date of patent May 31, 1938; disclaimer filed July 5, 1940; v. 516; p. 1051.

Distillation and purification of fatty acids. Stanley Goranflo. No. 1,951,241; date of patent Mar. 13, 1934; disclaimer filed Feb. 16, 1940; v. 512; p. 6.

Distillation of fatty acids. Lucius M. Tolman. No. 1,998,997; date of patent Apr. 23, 1935; disclaimer filed Feb. 16, 1940; v. 512; p. 7.

Drying, Method and apparatus for. Franklin S. Smith. No. 2,127,474; date of patent Aug. 16, 1938; disclaimer filed Apr. 13, 1940; v. 514; p. 282.

Dynamo-electric machine. Ralph W. Hall and Henry A. Smith. No. 2,169,097; date of patent Aug. 8, 1939; disclaimer filed Apr. 27, 1940; v. 514; p. 562.

Electric control systems. John W. Dawson. No. 2,106,831; date of patent Feb. 1, 1938; disclaimer filed Feb. 28, 1940; v. 512; p. 741.

Electrical cut-out. Ralph R. Pittman. No. 2,068,510; date of patent Jan. 19, 1937; disclaimer filed Feb. 15, 1940; v. 512; p. 7.

Electron discharge device. Arthur L. Samuel. No. 2,130,510; date of patent Sept. 20, 1938; disclaimer filed May 31, 1940; v. 515; p. 825.

Emulsions, Process for treating petroleum. Melvin de Groote. No. 1,596,596; date of patent Aug. 17, 1926; disclaimer filed Oct. 8, 1940; v. 520; p. 1.

Engine, Internal combustion. Jean A. H. Barkeij. No. 2,191,745; date of patent Feb. 27, 1940; disclaimer filed May 9, 1940; v. 514; p. 1.

Engine-rocker arm lubrication, Internal combustion. Andrew V. D. Willgoos. No. 2,123,681; date of patent July 12, 1938; disclaimer filed Nov. 30, 1940; v. 521; p. 540.

Estradiol esters esterified in 3-position and process of making same. Karl Miescher and Caesar Scholz. No. 2,156,599; date of patent May 2, 1939; disclaimer filed Feb. 12, 1940; v. 512; p. 239.

Ethylidene chloride, Method of making. Howard S. Nutting, Peter S. Petrie, and Myron E. Huscher. No. 2,007,144; date of patent July 2, 1935; disclaimer filed May 22, 1940; v. 515, p. 565.

Extrusion process and apparatus. William Klocke. No. 2,167,845; date of patent Aug. 1, 1939; disclaimer filed Mar. 6, 1940; v. 513; p. 6.

Fabric and product thereof, Process of cutting. Camille Dreyfus. No. 1,773,967; date of patent Aug. 26, 1930; disclaimer filed May 24, 1940; v. 515; p. 565.

Fabrics, Method of cleaning. Warren T. Reddish. No. 1,911,289; date of patent May 30, 1933; disclaimer filed June 14, 1940; v. 516; p. 277.

Fan. Louis Zaiger. No. 2,107,136; date of patent Feb. 1, 1938; disclaimer filed June 15, 1940; v. 516; p. 278.

Feeding mechanism for rock drills. Albert Feucht. No. 2,149,592; date of patent Mar. 7, 1939; disclaimer filed Mar. 9, 1940; v. 513; p. 6.

Fidelity control, Automatic. James E. Beggs. No. 2,156,076; date of patent Apr. 25, 1939; disclaimer filed Sept. 17, 1940; v. 519; p. 795.

Filament, Heat treated oiled. Vernon R. Pallas. No. 1,999,134; date of patent Apr. 23, 1935; disclaimer filed Jan. 29, 1940; v. 511; p. 804.

Flashlight. Emerson H. Tompkins and Donald L. Spencer. No. 2,097,222; date of patent Oct. 26, 1937; disclaimer filed Oct. 3, 1940; v. 519; p. 1052.

Folded products with bleed color pages facing each other, Method of producing. Joseph E. Meyer. No. 2,195,823; date of patent Apr. 2, 1940; disclaimer filed June 15, 1940; v. 516; p. 278.

Food products, Process and apparatus for preparing and packing. Clarence W. Vogt. No. 1,972,253; date of patent Sept. 4, 1934; disclaimer filed Jan. 25, 1940; v. 511; p. 276.

Friction member and process of making the same. Osborn H. Cilley. No. 2,096,692; date of patent Oct. 19, 1927; disclaimer filed Mar. 1, 1940; v. 512; p. 741.

Fuel, Apparatus for burning liquid. John H. McIlvaine. No. 1,897,318; date of patent Feb. 14, 1933; disclaimer filed May 6, 1940; v. 514; p. 830.

Games, Device for basketball. Arthur A. Schabinger. Re. No. 20,898; date of patent Oct. 25, 1938; disclaimer filed May 6, 1940; v. 514; p. 830.

Gear set. Walter P. Schmitter. No. 1,894,927; date of patent Jan. 17, 1933; disclaimer filed May 11, 1940; v. 514; p. 1.

Gyro sextant. Leslie F. Carter and Mortimer F. Bates. No. 2,177,094; date of patent Oct. 24, 1939; disclaimer filed Feb. 1, 1940; v. 511; p. 804.

Heating device. Thomas F. Peterson. No. 2,156,352; date of patent May 2, 1939; disclaimer filed Feb. 10, 1940; v. 512; p. 7.

Heel for boots and shoes. James E. Grosjean. No. 1,650,511; date of patent Nov. 22, 1927; disclaimer filed Oct. 15, 1940; v. 520; p. 272.

Hinge structure. Stephen De Orlow. No. 2,091,673; date of patent Aug. 31, 1937; disclaimer filed July 11, 1940; v. 521; p. 263.

Hydrocarbon substituted bromophenol. Emil Klarman. No. 1,969,801; date of patent Aug. 14, 1934; disclaimer filed Feb. 3, 1940; v. 511; p. 804.

Indicating and/or recording unknown quantities, Means for. Manfred J. Johnson. No. 1,971,313; date of patent Aug. 21, 1934; disclaimer filed Dec. 9, 1939; v. 510; p. 5.

Ink, Method and apparatus for drying printing. Robert Helmer. No. 2,127,956; date of patent Aug. 23, 1938; disclaimer filed May 14, 1940; v. 514; p. 1.

Interlocking system for railroads. Sedgwick N. Wight. No. 2,150,868; date of patent Mar. 14, 1939; disclaimer filed May 18, 1940; v. 515; p. 288.

Lamp, Ultraviolet. Charles F. Lorenz. No. 2,082,963; date of patent June 8, 1937; disclaimer filed Nov. 2, 1940; v. 521; p. 806.

Locomotive boiler firebox. Gust J. Christenson. No. 2,151,009; date of patent Mar. 21, 1939; disclaimer filed Aug. 28, 1940; v. 519; p. 780.

Marine propulsion device. James H. Pierce. Re. No. 18,118; date of patent July 7, 1931; disclaimer filed Mar. 2, 1940; v. 512; p. 741.

Masses, Process for solidifying permeable. Tore Gunnar Malmberg. No. 2,176,266; date of patent Oct. 17, 1940; v. 520; p. 272.

Material for arc welding. Theophil E. Jerabek. No. 1,956,327; date of patent Apr. 24, 1934; disclaimer filed Jan. 19, 1940; v. 511; p. 275.

Materials of different specific gravities, Method and apparatus for separating. Thomas M. Chance. No. 1,559,937; date of patent Nov. 3, 1925; disclaimer filed Mar. 25, 1940; v. 513; p. 500.

Measuring device, Precision. Aaron G. Ladrach. No. 2,122,818; date of patent July 5, 1938; disclaimer filed Apr. 15, 1940; v. 514; p. 6.

Metal and method and apparatus for manufacturing the same, Expanded. Leonard W. Cross. No. 1,950,372; date of patent Mar. 6, 1934; disclaimer filed Apr. 12, 1940; v. 513; p. 1018.

Meter. William N. Woodruff, Charles A. Toce, and William Foy Herschede. No. 2,162,191; date of patent June 13, 1939; disclaimer filed Oct. 4, 1940; v. 519; p. 1052.

Mining apparatus. Charles F. Osgood. No. 2,007,907; date of patent July 9, 1935; disclaimer filed June 15, 1940; v. 516; p. 277.

Mining machine. Frank Cartlidge. No. 1,536,422; date of patent May 5, 1925; disclaimer filed June 18, 1940; v. 516; p. 277.

Mining machine. Morris P. Holmes. No. 1,769,878; date of patent July 1, 1930; disclaimer filed June 15, 1940; v. 516; p. 277.

Motor control system. Gordon F. Laing. No. 2,136,695; date of patent Nov. 15, 1938; disclaimer filed Feb. 20, 1940; v. 512; p. 239.

Motor, Electric. Harry D. Else. No. 2,053,425; date of patent Sept. 8, 1936; disclaimer filed July 16, 1940; v. 517; p. 8.

Motor modulator. Leon S. Reagan. No. 2,157,245; date of patent May 9, 1939; disclaimer filed June 7, 1940; v. 516; p. 278.

Mounting for drill cutters. Floyd L. Scott. No. 2,011,084; date of patent Aug. 13, 1935; disclaimer filed Mar. 7, 1940; v. 513; p. 6.

Nail, Capped. Robert Kaplan. No. 2,140,749; date of patent Dec. 20, 1938; disclaimer filed June 17, 1940; v. 516; p. 278.

Oil composition, Lubricating. Raphael Rosen. No. 2,150,400; date of patent Mar. 14, 1939; disclaimer filed June 10, 1940; v. 516; p. 1.

Oil, Sulphurized. Bert H. Lincoln and Waldo L. Steiner. No. 2,186,646; date of patent Jan. 9, 1940; disclaimer filed Oct. 24, 1940; v. 521; p. 1.

Oils, Method and apparatus of heating hydrocarbon. Hermann C. Schutt and John W. Throckmorton. No. 2,090,504; date of patent Aug. 17, 1937; disclaimer filed Dec. 30, 1939; v. 510; p. 964.

Oils, Method of treating mineral. Hans Friedrich Lindeke. No. 2,115,960; date of patent May 3, 1938; disclaimer filed Mar. 25, 1940; v. 513; p. 500.

Oscillator. Waldemar J. Poch, Ciro C. Martinelli, and Alfred H. Turner. No. 2,109,752; date of patent Mar. 1, 1938; disclaimer filed Mar. 23, 1940; v. 513; p. 500.

Oscillator, Elastically oscillating. William Runge and Hans Otto Roosenstein. No. 2,161,980; date of patent June 13, 1939; disclaimer filed May 24, 1940; v. 515; p. 825.

Oxygen, Method and apparatus for evaporating liquid. John A. Mathis and Roland W. Milan. No. 2,158,458; date of patent May 16, 1939; disclaimer filed Sept. 30, 1940; v. 520; p. 1.

Paving joint and method of making the same. Edward L. Benedict and Robert L. Glose. Re. No. 18,188; date of patent Sept. 15, 1931; disclaimer filed June 24, 1940; v. 516; p. 537.

Phenols from petroleum hydrocarbons, Production of alkyl. Hyym E. Buc. No. 2,045,749; date of patent June 30, 1936; disclaimer filed Apr. 3, 1940; v. 513; p. 755.

Physical condition, Means for controlling. Daniel G. Taylor. No. 2,160,042; date of patent May 30, 1939; disclaimer filed Oct. 7, 1940; v. 520; p. 1.

Pick-up device. Ralph L. Anderson. No. 2,165,088; date of patent July 4, 1939; disclaimer filed May 31, 1940; v. 515; p. 825.

Pinking machine. William T. Maxant. No. 1,984,224; date of patent Dec. 11, 1934; disclaimer filed Feb. 13, 1940; v. 512; p. 6.

Pipe support for use with conduits. Christian Gottwald. No. 1,846,550; date of patent Feb. 23, 1932; disclaimer filed Apr. 18, 1940; v. 514; p. 282.
Piston. Adolph L. Nelson. (Two cases.) Nos. 1,830,172 and 2,100,719; date of patents Nov. 3, 1931, and Nov. 30, 1937; disclaimers filed Dec. 29, 1939; v. 510; p. 778; and v. 510; p. 964.
Pistons. Adolph L. Nelson. No. 2,052,985; date of patent Sept. 1, 1936; disclaimer filed Dec. 29, 1939; v. 510; p. 778.
Ply-wood, laminated paper board or similar composite articles. John D. Carter. No. 2,015,359; date of patent Sept. 24, 1935; disclaimer filed July 18, 1940; v. 517; p. 292.
Polymers, Process for stabilizing. Martin de Simó and Frederick B. Hilmer. No. 2,085,525; date of patent June 29, 1937; disclaimer filed Sept. 9, 1940; v. 519; p. 11.
Power system. David C. Prince. No. 2,062,104; date of patent Nov. 24, 1936; disclaimer filed Apr. 26, 1940; v. 514; p. 562.
Pressure gauge. Frank H. Hopkins. No. 1,484,068; date of patent Feb. 19, 1924; disclaimer filed Dec. 20, 1939; v. 510; p. 778.
Printing, Rotary intaglio. Adolph Weiss. (Two cases.) Re. No. 21,212 and No. 2,055,272; date of patents Sept. 19, 1939, and Sept. 22, 1936; disclaimers filed June 25, 1940; v. 516; p. 537; and v. 516; p. 1051.
Propellor blade. Thomas A. Dicks. No. 2,124,549; date of patent July 26, 1938; disclaimer filed Jan. 17, 1940; v. 511; p. 276.
Railway trains, End-to-end communication system for. Sylvester M. Viele. No. 2,095,621; date of patent Oct. 12, 1937; disclaimer filed June 22, 1940; v. 516; p. 537.
Refrigerating apparatus. Leslie B. M. Buchanan. No. 2,123,179; date of patent July 12, 1938; disclaimer filed Dec. 30, 1939; v. 510; p. 964.
Refrigerating apparatus. Homer E. Rosebrook and Othel I. De Graw. No. 2,110,635; date of patent Mar. 8, 1938; disclaimer filed Aug. 31, 1940; v. 518; p. 780.
Refrigeration, Means and method of. Bo Folke Randel. No. 2,052,580; date of patent Sept. 1, 1936; disclaimer filed July 31, 1940; v. 517; p. 561.
Refrigerator cabinet construction. Howard D. White. No. 2,166,629; date of patent July 18, 1939; disclaimer filed Jan. 12, 1940; v. 511; p. 6.
Refrigerator control. Leslie B. M. Buchanan. No. 2,163,744; date of patent June 27, 1939; disclaimer filed Feb. 17, 1940; v. 512; p. 239.
Resetting circuits for gas-filled tubes. Dexter T. Osgood. No. 2,092,851; date of patent Sept. 14, 1937; disclaimer filed June 19, 1940; v. 516; p. 278.
Resin and process of making same, Synthetic. Carleton Ellis. No. 1,846,853; date of patent Feb. 23, 1932; disclaimer filed Aug. 17, 1940; v. 518; p. 253.
Resins and method of making same, Mixed polyvinyl. Howard W. Matheson and George O. Morrison. No. 2,116,635; date of patent May 10, 1938; disclaimer filed July 30, 1940; v. 517; p. 809.
Respirator. Harvey S. Cover. No. 2,106,795; date of patent Feb. 1, 1938; disclaimer filed June 5, 1940; v. 516; p. 1.
Rock sampling method. Victor V. Vacquier. No. 2,140,097; date of patent Dec. 13, 1938; disclaimer filed May 17, 1940; v. 515; p. 566.
Rubber, Vulcanization of. Winfield Scott. No. 2,189,717; date of patent Feb. 6, 1940; disclaimer filed Nov. 27, 1940; v. 521; p. 806.
Scale. Hugh M. Cameron. No. 1,699,686; date of patent Jan. 22, 1929; disclaimer filed Mar. 4, 1940; v. 512; p. 741.
Screen and method of use, Luminescent. Philo T. Farnsworth. No. 2,104,253; date of patent Jan. 4, 1938; disclaimer filed Apr. 1, 1940; v. 513; p. 755.
Screw driver. Rudolph J. Velepec. No. 1,791,771; date of patent Feb. 10, 1931; disclaimer filed June 3, 1940; v. 516; p. 1.
Seals, Glass-to-metal. Emmett E. Burger and Albert W. Hull. No. 2,071,196; date of patent Feb. 16, 1937; disclaimer filed Apr. 18, 1940; v. 514; p. 282.
Seismic surveying. Henry Salvatori and James N. Walstrum. No. 2,117,365; date of patent May 17, 1938; disclaimer filed Dec. 27, 1939; v. 510; p. 964.
Seismic surveying, Apparatus for. Henry Salvatori. No. 2,117,364; date of patent May 17, 1938; disclaimer filed Dec. 27, 1939; v. 510; p. 964.
Sensitive layer on a suitable base and process of making same. Maximilian Paul Schmidt. No. 1,628,279; date of patent May 10, 1927; disclaimer filed Feb. 3, 1940; v. 511; p. 804.
Shaving apparatus. Frederick E. Moskovics and Victor R. Abrams. No. 2,119,021; date of patent May 31, 1938; disclaimer filed May 18, 1940; v. 515; p. 288.
Shaving implement. Jacob Schick. No. 1,721,530; date of patent July 23, 1929; disclaimer filed Sept. 4, 1940; v. 519; p. 11.
Shaving machine. Jacob Schick. No. 1,757,978; date of patent May 13, 1930; disclaimer filed Sept. 4, 1940; v. 519; p. 11.
Shear, Cutting. Gustave A. Ungar. No. 1,843,655; date of patent Feb. 2, 1932; disclaimer filed Feb. 2, 1940; v. 511; p. 804.
Shears. Ulrich F. L. Steindorff and Herbert J. Heller. No. 1,796,812; date of patent Mar. 17, 1931; disclaimer filed Oct. 19, 1940; v. 520; p. 791.
Shears, Portable. Gustave A. Ungar. No. 1,848,147; date of patent Mar. 8, 1932; disclaimer filed Oct. 19, 1940; v. 520; p. 791.
Sheet feeding and forwarding mechanism. Charles F. Pflanze. No. 2,151,228; date of patent Mar. 21, 1939; disclaimer filed Oct. 7, 1940; v. 520; p. 1.
Sign and letters therefor, Changeable. Benjamin H. Adler. No. 2,028,978; date of patent Apr. 28, 1936; disclaimer filed Aug. 9, 1940; v. 518; p. 12.
Signalling system for railroads, Automatic block. Salisbury M. Day. No. 2,105,905; date of patent Jan. 18, 1938; disclaimer filed May 18, 1940; v. 515; p. 288.
Sound attenuating device. Roland B. Bourne. No. 2,017,744; date of patent Oct. 15, 1935; disclaimer filed May 24, 1940; v. 515; p. 825.
Sound recording apparatus. Jackson O. Kleber. No. 2,089,484; date of patent Aug. 10, 1937; disclaimer filed Apr. 11, 1940; v. 513; p. 1018.
Spark-plug, Shielded. George M. Paulson. No. 1,930,322; date of patent Oct. 10, 1933; disclaimer filed July 30, 1940; v. 517; p. 809.
Spout, Tail pipe. Herbert S. Powell. No. 2,097,041; date of patent Oct. 26, 1937; disclaimer filed May 13, 1940; v. 514; p. 1.
Subways, Method of constructing. Walter Caccia. No. 2,059,774; date of patent Nov. 3, 1936; disclaimer filed May 7, 1940; v. 514; p. 830.
Switch. Paul S. Bear. No. 2,132,921; date of patent Oct. 11, 1938; disclaimer filed Apr. 2, 1940; v. 513; p. 1018.
Switch, Centrifugal. Warren R. Walker. No. 2,177,759; date of patent Oct. 31, 1939; disclaimer filed Apr. 20, 1940; v. 514; p. 282.
Switch, Electric. Robert F. Sambleson. No. 2,142,153; date of patent Jan. 3, 1939; disclaimer filed Oct. 1, 1940; v. 519; p. 1052.
Switch for refrigerating apparatus. Edward B. Newill. No. 2,184,241; date of patent Dec. 19, 1939; disclaimer filed Sept. 20, 1940; v. 519; p. 228.
Switch, Pressure and temperature control. James Lewis Kimball. No. 1,975,851; date of patent Oct. 9, 1934; disclaimer filed May 20, 1940; v. 515; p. 565.
Switch, Spring action rotary. William H. Lantz, Jr. No. 2,130,589; date of patent Sept. 20, 1938; disclaimer filed May 2, 1940; v. 514; p. 562.
Tape controlled apparatus. Maurus T. Goetz. No. 2,104,030; date of patent Jan. 4, 1938; disclaimer filed Feb. 1, 1940; v. 511; p. 804.
Telephone system, Automatic. Clarence E. Lomax. No. 2,189,400; date of patent Feb. 6, 1940; disclaimer filed June 5, 1940; v. 516; p. 1.
Television system. Harold M. Lewis. No. 2,137,123; date of patent Nov. 15, 1938; disclaimer filed June 17, 1940; v. 516; p. 278.
Testing device for internal combustion engines. John C. McMurray. No. 1,948,882; date of patent Feb. 27, 1934; disclaimer filed Dec. 23, 1939; v. 510; p. 778.
Thermostatic apparatus. Joseph W. Myers. No. 1,793,954; date of patent Feb. 24, 1931; disclaimer filed May 2, 1940; v. 514; p. 830.
Ticket, Theater. Benjamin H. Freedman. No. 2,187,685; date of patent Jan. 16, 1940; disclaimer filed Oct. 21, 1940; v. 520; p. 272.
Timing mechanism. Murray Ireland. No. 1,866,808; date of patent July 12, 1932; disclaimer filed Nov. 12, 1940; v. 521; p. 263.
Tire retreading apparatus. Paul E. Hawkinson. No. 2,034,618; date of patent Mar. 17, 1936; disclaimer filed Aug. 15, 1940; v. 518 p. 544.
Tires, Method and apparatus for retreading. Herbert J. Woock, Charles J. Peterson, and Jacob S. Caufield. No. 1,928,404; date of patent Sept. 26, 1933; disclaimer filed Oct. 26, 1940; v. 520; p. 791.
Titanium pigments, Manufacture of. Robert William Ancrum and Assur Gjessing Oppegaard. No. 2,161,755; date of patent June 6, 1939; disclaimer filed Aug. 23, 1940; v. 518; p. 544.
Tool, Hair-dressing. Herman C. Schlicker. No. 2,146,160; date of patent Feb. 7, 1939; disclaimer filed Jan. 4, 1940; v. 510; p. 964.
Tool in a well, Means to orient a. John C. Hewitt, Jr., and Vivian Edward Kuster. No. 2,144,061; date of patent Jan. 17, 1939; disclaimer filed Apr. 18, 1940; v. 514; p. 282.
Tool, Plumber's snake. Ira D. Yohn. No. 2,037,104; date of patent Apr. 14, 1936; disclaimer filed May 16, 1940; v. 514; p. 1.
Tools in a well, Means to orient. John C. Hewitt, Jr., and Vivian Edward Kuster. No. 2,154,162; date of patent Apr. 11, 1939; disclaimer filed Apr. 18, 1940; v. 514; p. 282.
Towel rack. Robert F. Davis. Re. No. 21,143; date of patent July 11, 1939; disclaimer filed Oct. 26, 1940; v. 520; p. 527.
Tower control system, Fractionating. John H. Erter. No. 1,965,225; date of patent July 3, 1934; disclaimer filed Dec. 30, 1939; v. 510; p. 964.
Traffic-controlling and fire-alarm apparatus, System for operating. Henry Garrett. No. 1,743,965; date of patent Jan. 14, 1940; disclaimer filed May 3, 1940; v. 514; p. 830.
Traffic controlling system, Centralized. Neil D. Preston. No. 2,139,562; date of patent Dec. 6, 1938; disclaimer filed May 18, 1940; v. 515; p. 565.

Traffic controlling system for railroads, Centralized. William D. Hailes and Darrol F. De Long. No. 2,170,141; date of patent Aug. 22, 1939; disclaimer filed Dec. 14, 1939; v. 510; p. 261.

Trimethylolnitromethane, Process for the preparation of. Joseph A. Wyler. No. 2,164,440; date of patent July 4, 1939; disclaimer filed Aug. 16, 1940; v. 518; p. 253.

Trimming machine. Nicholas W. Mathey. No. 1,807,996; date of patent June 2, 1931; disclaimer filed May 20, 1940; v. 515; p. 565.

Tuning indicator tube. Herbert M. Wagner. No. 2,122,269; date of patent June 28, 1938; disclaimer filed Aug. 13, 1940; v. 518; p. 12.

Valve gear for coal washers and concentrators and method of operating the same. Thomas M. Chance. No. 1,894,020; date of patent Jan. 10, 1933; disclaimer filed Mar. 25, 1940; v. 513; p. 500.

Valve modulation system, Emission. Harold A. Wheeler. No. 1,958,027; date of patent May 8, 1934; disclaimer filed September 25, 1940; v. 519; p. 795.

Water and gas layers, Method of sealing off. Franklin A. Bent, Albert G. Loomis, and Howard C. Lawton. No. 2,169,458; date of patent Aug. 15, 1939; disclaimer filed Oct. 1, 1940; v. 519; p. 1052.

Welder and flash stripper, Combined electric. Fred P. McBerty. No. 1,832,719; date of patent Nov. 17, 1931; disclaimer filed May 29, 1940; v. 515; p. 825.

Welding machine. Joseph A. Potchen. No. 2,161,430; date of patent June 6, 1939; disclaimer filed Oct. 26, 1940; v. 521; p. 540.

Wells, Acidizing. Maurice H. Arveson. No. 2,148,006; date of patent Feb. 21, 1939; disclaimer filed Mar. 4, 1940; v. 513; p. 6.

Wheel balancer. Marcel Periat and Roscoe E. Burke. No. 2,080,227; date of patent May 11, 1937; disclaimer filed Nov. 23, 1940; v. 521; p. 1095.

Wrapping. Jonas Schuchat. No. 2,005,208; date of patent June 18, 1935; disclaimer filed Mar. 25, 1940; v. 513; p. 500.

Wringer. Vincent Gehrlein. (Two cases.) Nos. 1,709,071 and 1,709,125; date of patents Apr. 16, 1929; disclaimers filed June 17, 1940; v. 516; p. 277.

Wringer. Walter L. Kauffman, II. (Two cases.) Nos. 2,065,329 and 2,065,330; date of patents Dec. 22, 1936; disclaimers filed June 17, 1940; v. 516; p. 278.

Wringer, Clothes. Charles B. Williams. No. 2,068,524; date of patent Jan. 19, 1937; disclaimer filed Oct. 7, 1940; v. 520; p. 1.

JUL 1958

SMITHSONIAN INSTITUTION LIBRARIES
3 9088 01585 1520